

CONTRACT PLANS COMPONENTS

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- SIGNALIZATION PLANS
- INTELLIGENT TRANSPORTATION SYSTEMS PLANS
- LIGHTING PLANS
- STRUCTURES PLANS

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

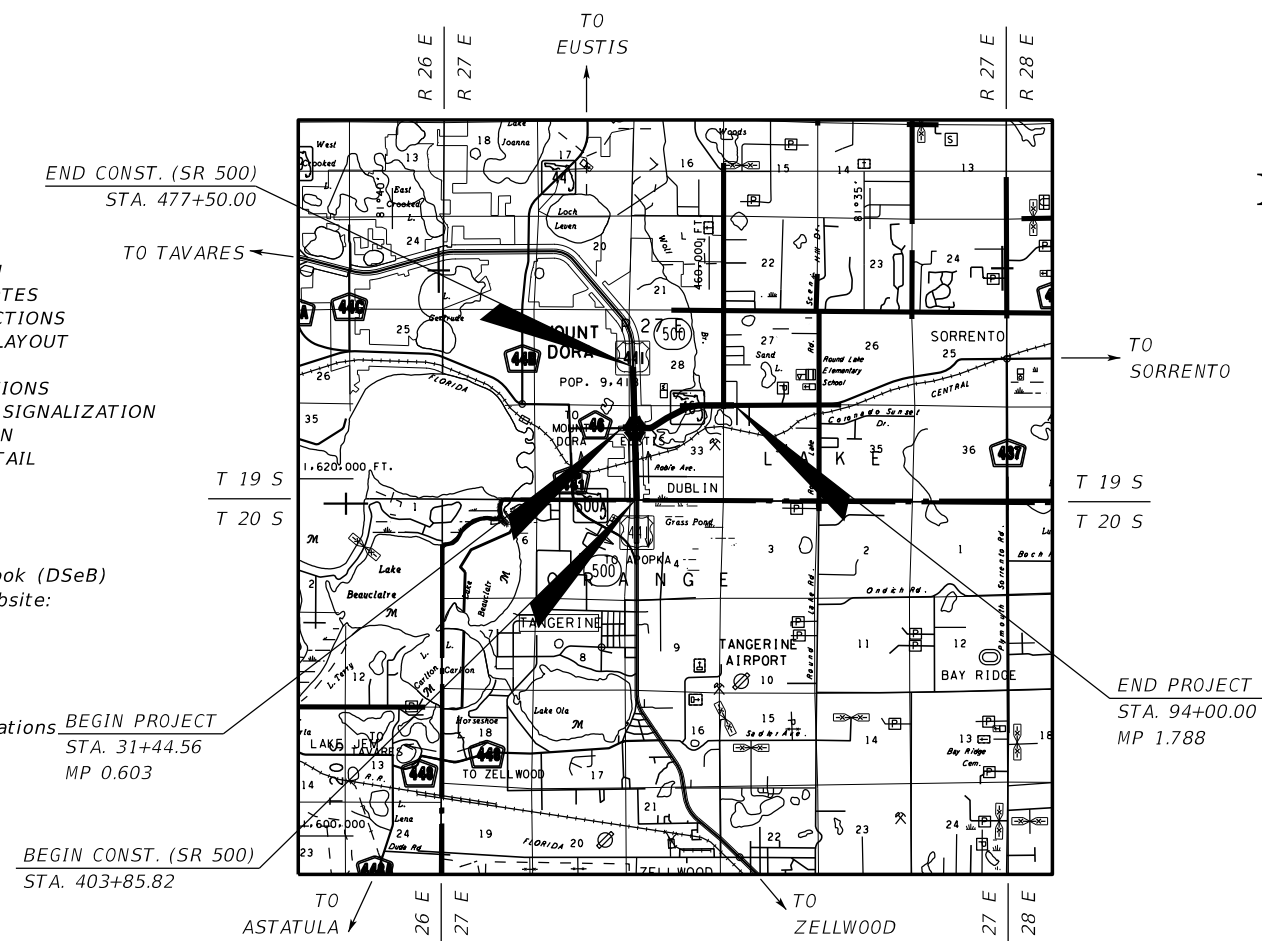
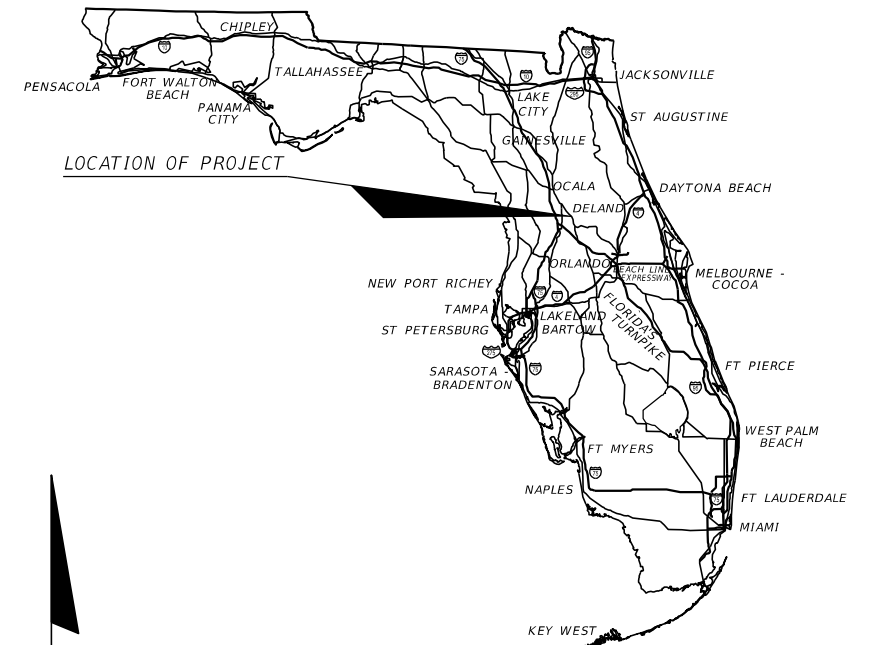
CONTRACT PLANS

FINANCIAL PROJECT ID 238275-2-52-01

(FEDERAL FUNDS)

LAKE COUNTY (11130)

STATE ROAD NO. 46



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KEY SHEET REVISIONS	
DATE	DESCRIPTION
05/17/17	ADDED SHEET 1A, B-02A, BQ3-01
05/26/17	ADDED SHEET 1B & B-02B
8/11/17	ADDED SHEET 1C

**ROADWAY PLANS
ENGINEER OF RECORD:**

FOREST W. ADKINS, P.E.
P.E. NO. 56003
MOFFATT & NICHOL
1025 GREENWOOD BLVD, SUITE 371
LAKE MARY, FL 32746
CONTRACT NO.: C9862
VENDOR ID.: F951951343001
CERTIFICATE OF AUTHORIZATION NO.: 4877

FDOT PROJECT MANAGER:

CATALINA CHACON, P.E.

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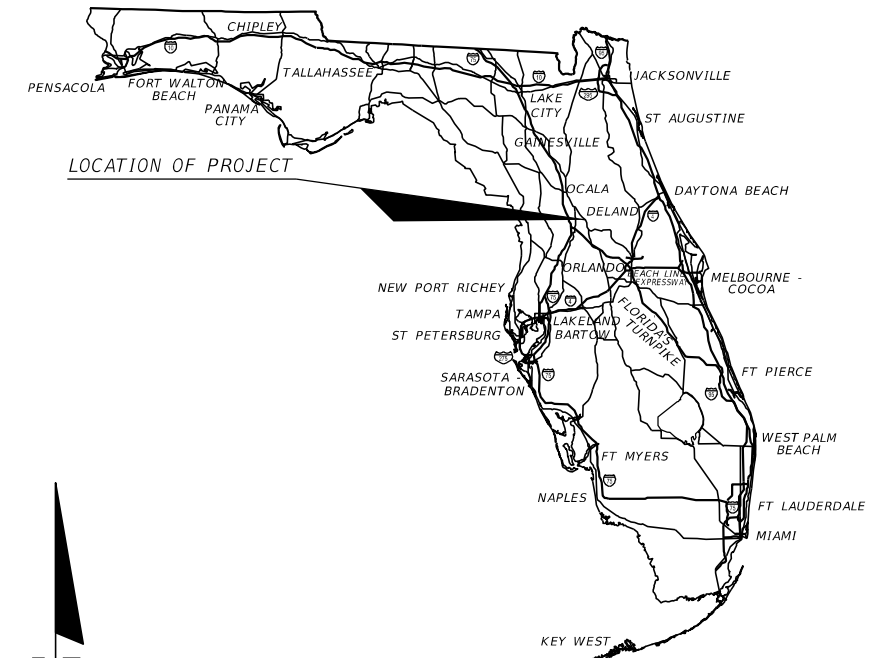
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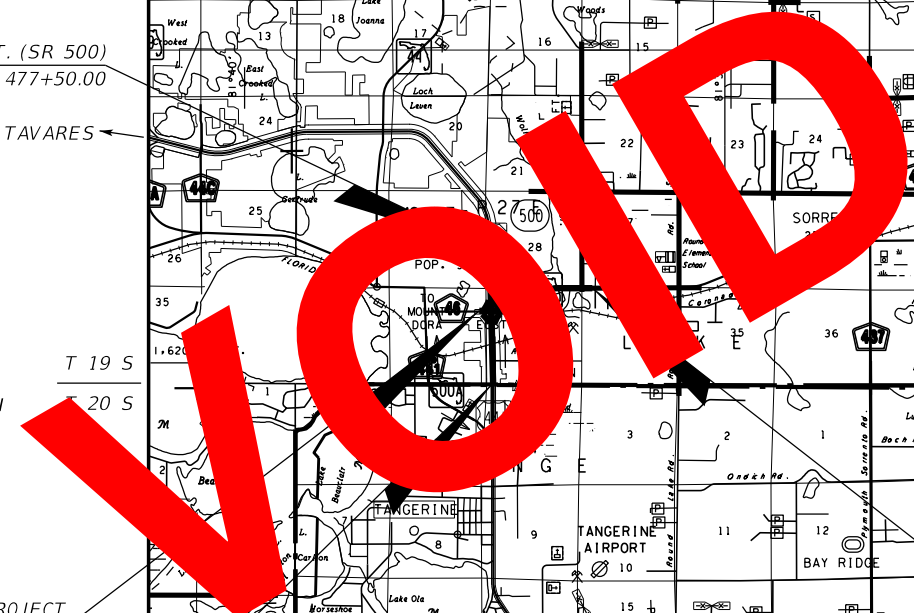
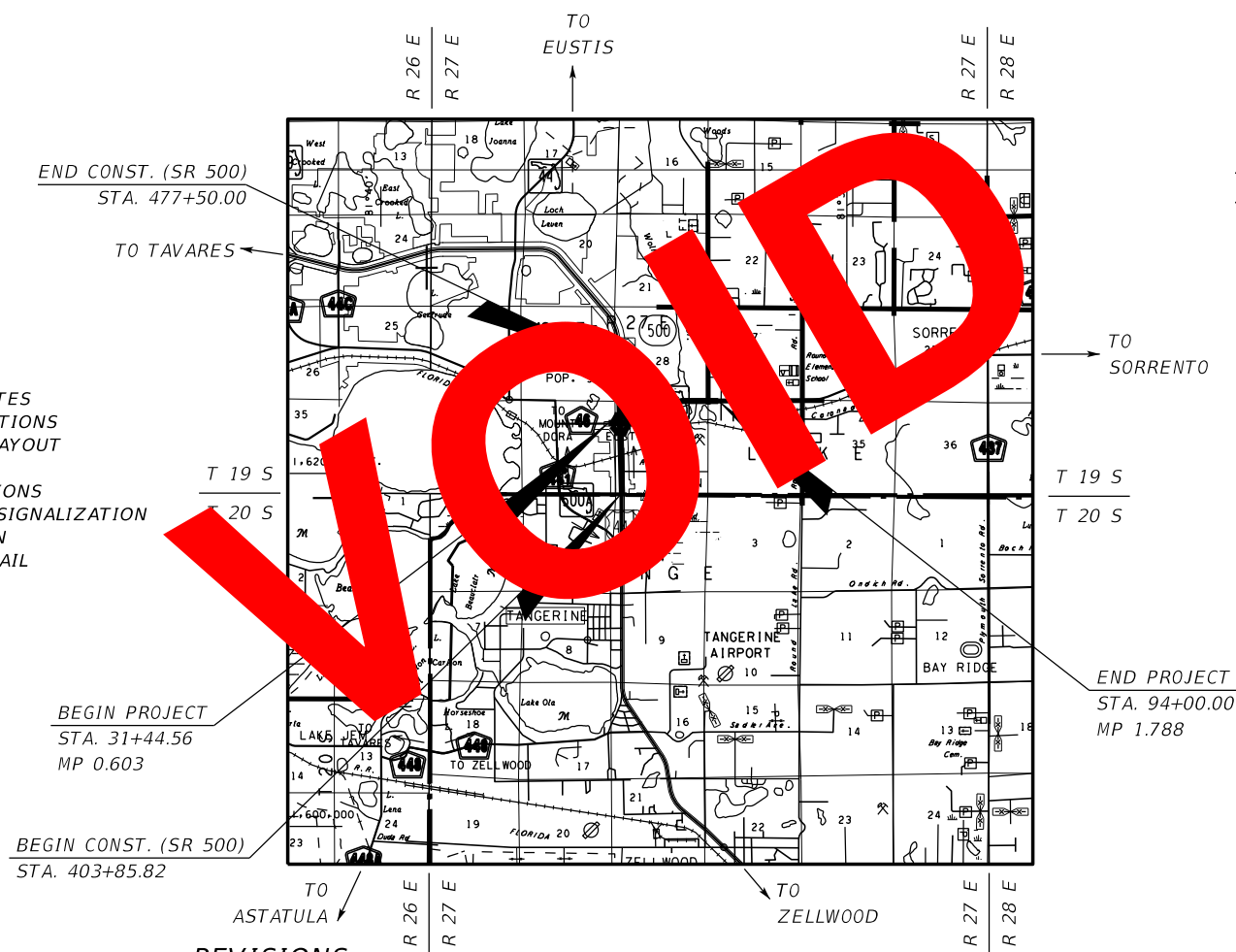
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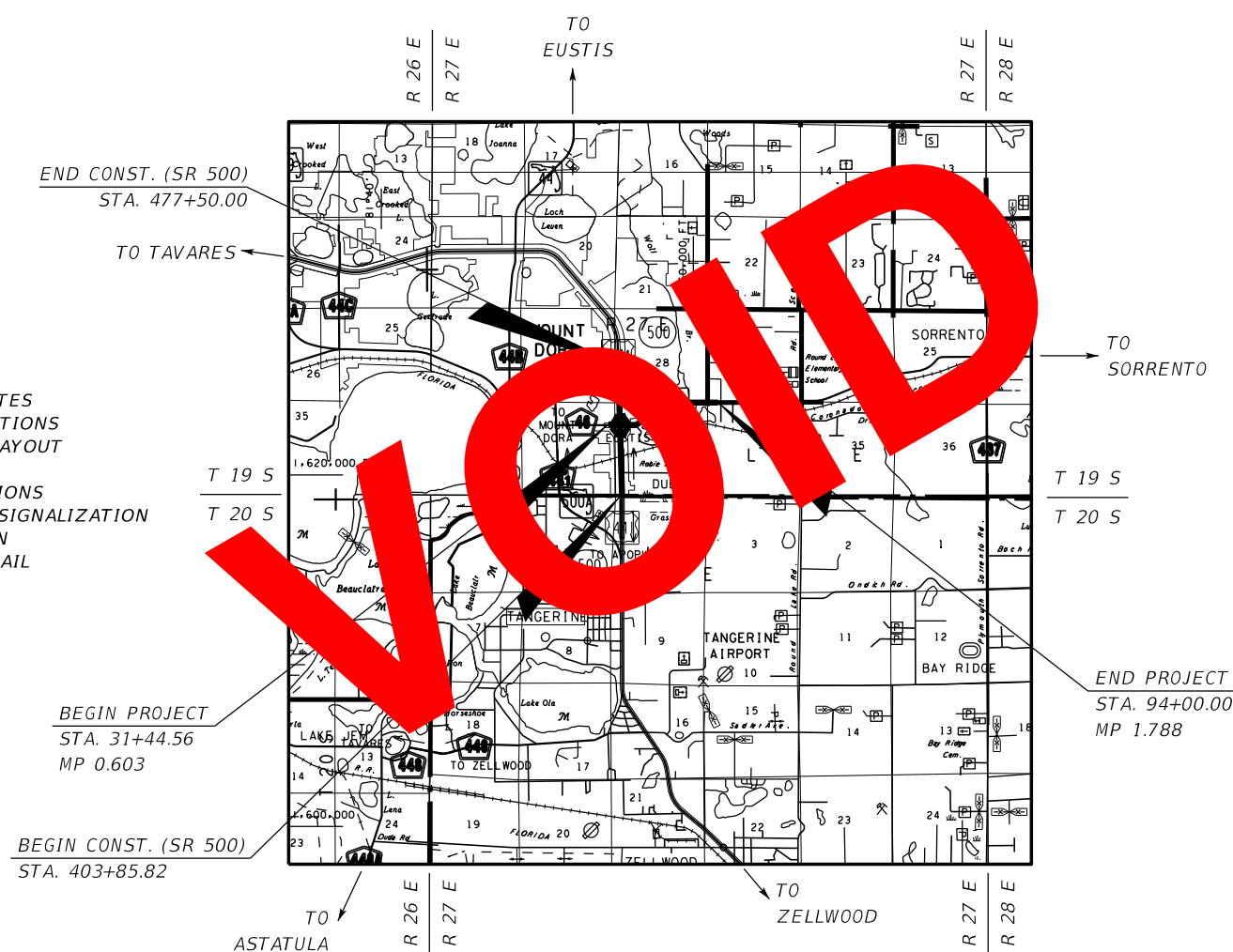
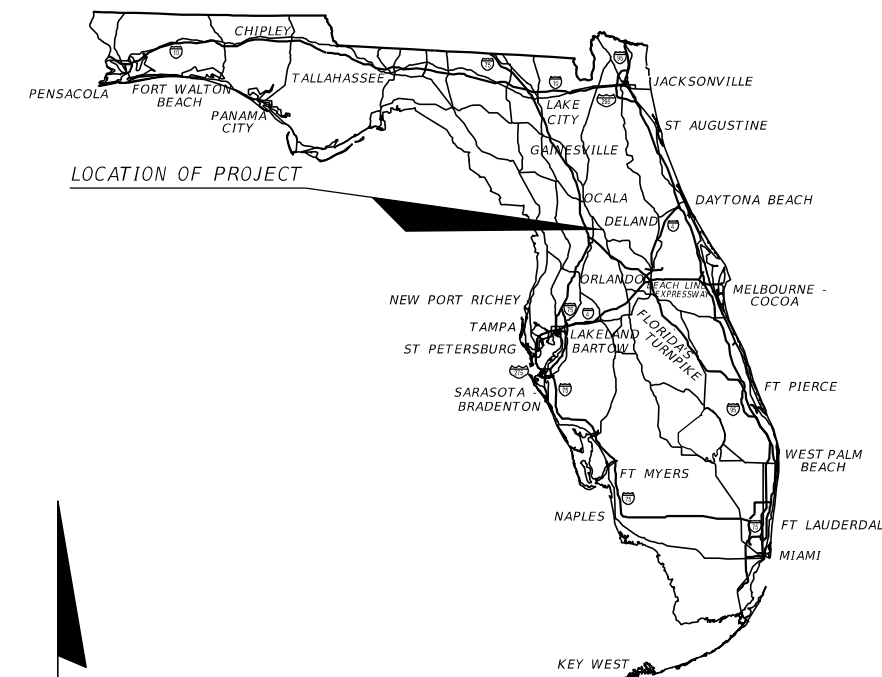
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05/17/17	ADDED SHEET 1A, B-02A, BQ3-01

ROADWAY PLANS

ENGINEER OF RECORD:

FOREST W. ADKINS, P.E.
P.E. NO. 56003
MOFFATT & NICHOL
1025 GREENWOOD BLVD, SUITE 371
LAKE MARY, FL 32746
CONTRACT NO.: C9862
VENDOR ID.: F951951343001
CERTIFICATE OF AUTHORIZATION NO.: 4877

FDOT PROJECT MANAGER:

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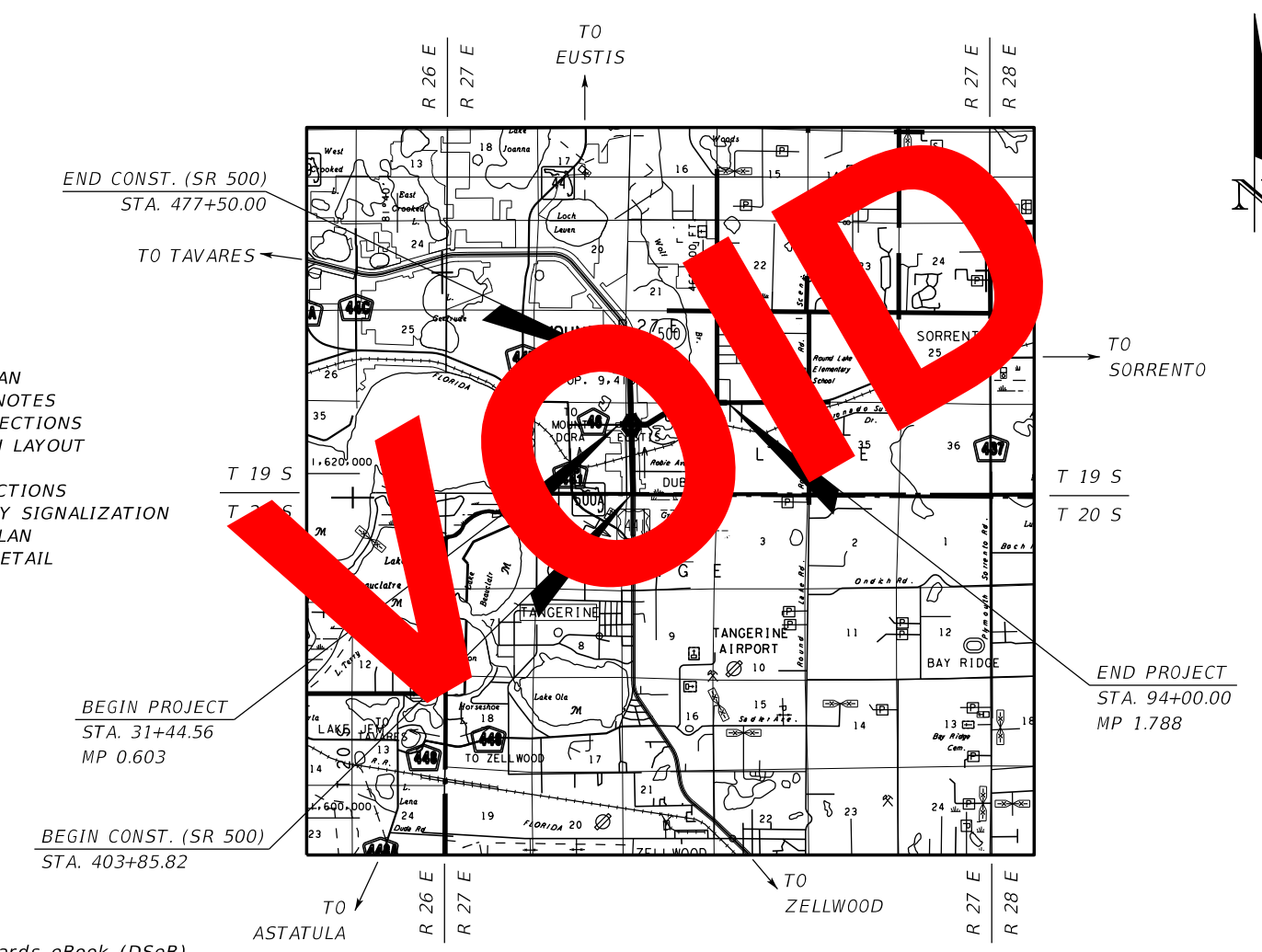
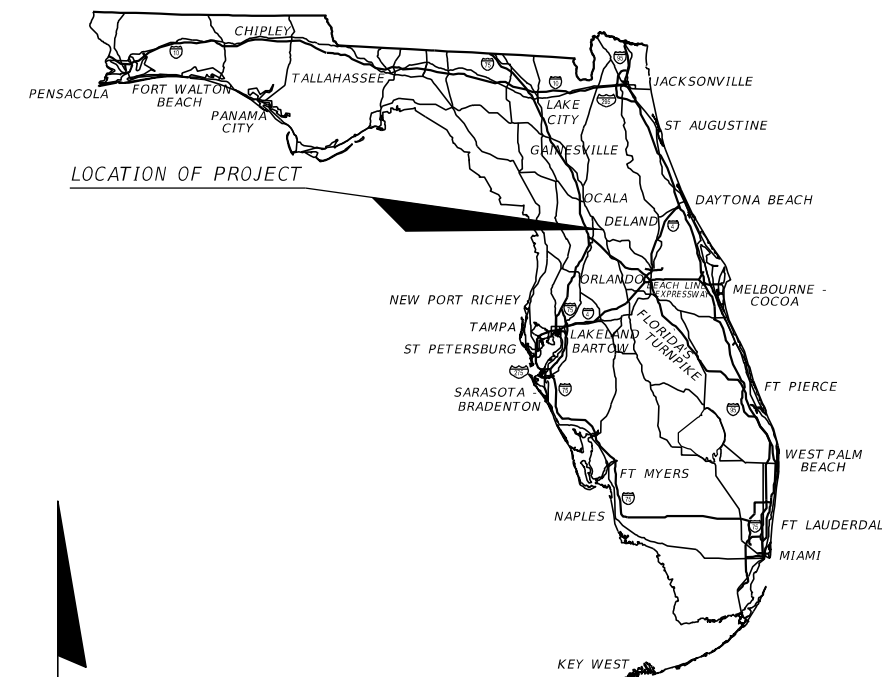
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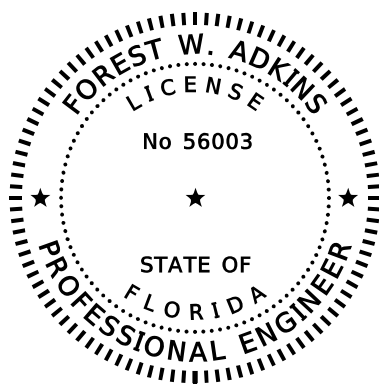
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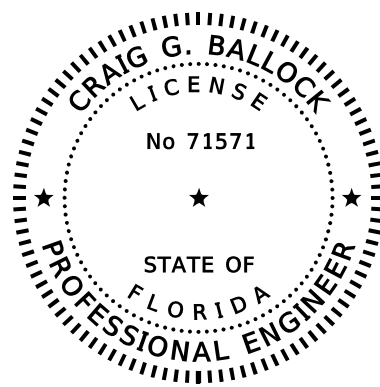
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MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
CERTIFICATE OF AUTHORIZATION: 4877
FOREST W. ADKINS, PE NO. 56003

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

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
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919 LAKE BALDWIN LANE
ORLANDO, FL 32814
CERTIFICATE OF AUTHORIZATION: 5882
CRAIG G. BALLOCK, PE NO. 71571

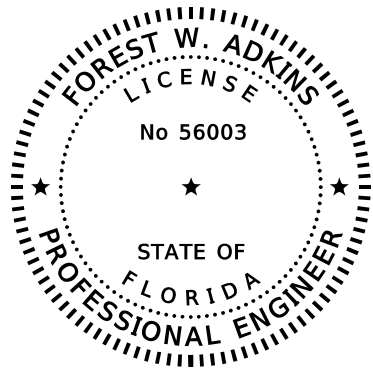
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REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
05/17/17	JLC  ADDED SIGNATURE SHEET			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	1A

SIGNATURE SHEET



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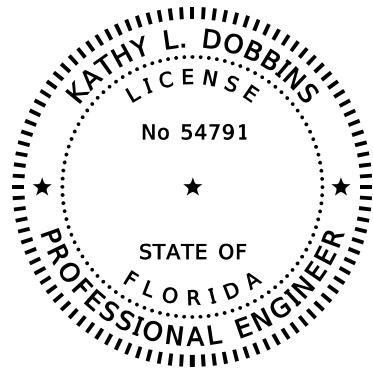
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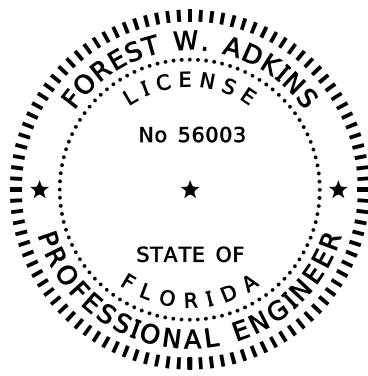
MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
CERTIFICATE OF AUTHORIZATION: 4877
KATHY L. DOBBINS, PE NO. 54791

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
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8	DRAINAGE MAPS
20-27	SUMMARY OF DRAINAGE STRUCTURES
118-120	DRAINAGE STRUCTURES
159	DRAINAGE STRUCTURES

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
05/26/17	JLC  ADDED SIGNATURE SHEET			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	SIGNATURE SHEET 1B



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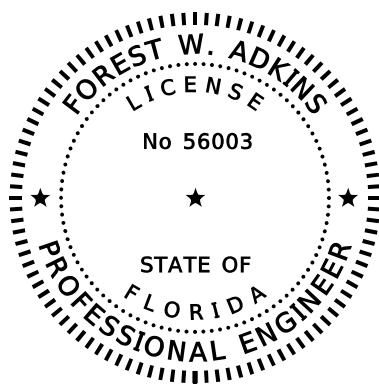
MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
CERTIFICATE OF AUTHORIZATION: 4877
FOREST W. ADKINS, PE NO. 56003

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INDEX OF ROADWAY PLANS

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1C	SIGNATURE SHEET
2B	SUMMARY OF PAY ITEMS
2C	SUMMARY OF PAY ITEMS
2E	SUMMARY OF PAY ITEMS
2F	SUMMARY OF QUANTITIES
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508	TEMPORARY TRAFFIC CONTROL PLANS

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNATURE SHEET	SHEET NO. 1C
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
8/11/17	fwa  3 ADDED SIGNATURE SHEET			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		



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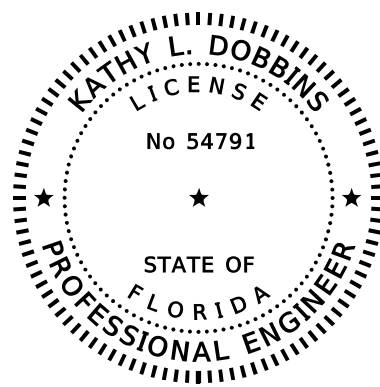
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MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
CERTIFICATE OF AUTHORIZATION: 4877
FOREST W. ADKINS, PE NO. 56003

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

INDEX OF ROADWAY PLANS

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9-19	TYPICAL SECTIONS
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34	REFERENCE TIES
35-62	ROADWAY PLAN SHEETS
63-95	ROADWAY PROFILE SHEETS
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107	CUL-DE-SAC DETAIL
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480	TEMPORARY TRAFFIC CONTROL GENERAL NOTES
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515-541	TEMPORARY TRAFFIC CONTROL CROSS SECTIONS
544-548	TEMPORARY TRAFFIC CONTROL DETOUR PLAN
549	TEMPORARY TRAFFIC CONTROL SPECIAL DETAIL
550-577	UTILITY ADJUSTMENTS



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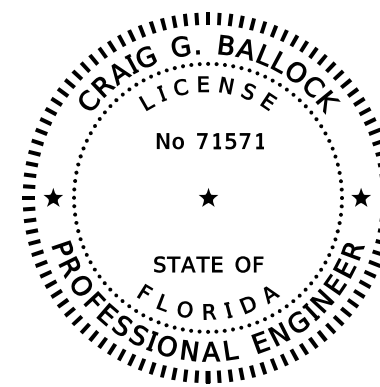
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MOFFATT & NICHOL
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KATHY L. DOBBINS, PE NO. 54791

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INDEX OF ROADWAY PLANS

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2	SIGNATURE SHEET
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20-27	SUMMARY OF DRAINAGE STRUCTURES
28-29	OPTIONAL MATERIALS
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162	DRAINAGE DETAILS
168-175	POND DETAILS
420-477	POND CROSS SECTIONS
478-479	STORMWATER POLLUTION PREVENTION PLAN



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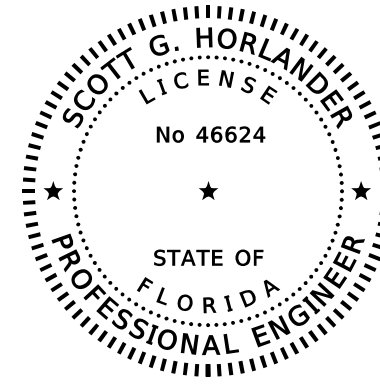
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GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC)
919 LAKE BALDWIN LANE
ORLANDO, FL 32814
CERTIFICATE OF AUTHORIZATION: 5882
CRAIG G. BALLOCK, PE NO. 71571

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
176-184	ROADWAY SOIL SURVEY



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PROTEAN DESIGN GROUP
100 EAST PINE STREET, SUITE 600
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION: 7865
SCOTT G. HORLANDER, PE NO. 46624

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

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SHEET NO.	SHEET DESCRIPTION
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REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	2

SIGNATURE SHEET

FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
 PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE

0001 SUMMARY OF STRUCTURES

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	23827525201 BR#	FLYOVER	23827525201 BR#	POND RD	QUANTITY TOTAL
		0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES 23827525201 110030, 110066	(LS)				1.000			1.000
		0400- 2- 4	CONC CLASS 11, BRIDGE SUPERSTRUCTURE	CY				776.300		114.700	891.000
		0400- 2- 5	CONCRETE CLASS 11, BRIDGE SUBSTRUCTURE	CY						50.400	50.400
		0400- 2- 10	CONCRETE CLASS 11, APPROACH SLABS	CY				115.200		96.600	211.800
		0400- 2- 25	CONCRETE CLASS 11, MASS, BRIDGE SUBSTRUCTURE	CY				375.500			375.500
		0400- 7-	BRIDGE DECK GROOVING, LESS THAN 8.5"	SY						444.000	444.000
		0400- 9-	BRIDGE DECK GROOVING & PLANING, DECK 8.5" AND GREATER	SY				20843.000			20843.000
		0400-147-	COMPOSITE NEOPRENE PADS	CF						2.300	2.300
		0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB				181214.000		31114.000	212328.000
		0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB				70021.000		7378.000	77399.000
		0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB				22700.000		19000.000	41432.000
		0450- 2- 45	PREST BEAMS: FLORIDA-1 BEAM 45"	LF						783.000	783.000
		0455- 34- 5	PRESTRESSED CONCRETE PILING, 24" SQ	LF				2385.000			2385.000
		0455- 35- 6	STEEL PILING, HP 14 X 89	LF						1830.000	1830.000
		0455-143- 5	TEST PILES-PRESTRESSED CONCRETE, 24" SQ	LF				360.000			360.000
		0455-144- 6	TEST PILES - STEEL, HP 14 X 89	LF						335.000	335.000
		0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF						85.000	85.000
		0458- 1- 12	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I STRIP SEAL	LF						97.000	97.000
		0460- 2- 20	STRUCT STEEL - NEW/WIDENING, WEATHERING 23827525201 110095	(LS)				1.000			1.000
		0461-113- 19	MULTIROTATIONAL BEARING ASSEM-FIXED, F&I, >= 2001KIPS	EA				1.000			1.000
		0461-114- 12	MULTIROTATIONAL BEARING ASSEM EXP, F&I, 251- 500KIPS	EA				4.000			4.000
		0461-114- 19	MULTIROTATIONAL BEARING ASSEM-EXPANSION, F&I, >=2001KIPS	EA				3.000			3.000
		0521- 5- 1	CONCRETE TRAFFIC RAILING, BRIDGE 32" F - SHAPE	LF						316.000	316.000
		0521- 5- 2	CONCRETE TRAFFIC RAILING, BRIDGE 42" F - SHAPE	LF				1044.000			1044.000
		0524- 2- 2	CONCRETE SLOPE PAVEMENT, NON REINFORCED, 4"	SY				21.000		130.000	151.000



REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO. 2A
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	ROAD NO. SR 46	COUNTY LAKE		

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FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
 PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE

0001 SUMMARY OF STRUCTURES

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	23827525201 BR# 110095	23827525201 BR# 110094	QUANTITY TOTAL
		0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES 23827525201 110030, 110066	(LS)			1.000		1.000
		0400- 2- 4	CONC CLASS 11, BRIDGE SUPERSTRUCTURE	CY			776.300	114.700	891.000
		0400- 2- 5	CONCRETE CLASS 11, BRIDGE SUBSTRUCTURE	CY				50.400	50.400
		0400- 2- 10	CONCRETE CLASS 11, APPROACH SLABS	CY			115.200	96.600	211.800
		0400- 2- 25	CONCRETE CLASS 11, MASS, BRIDGE SUBSTRUCTURE	CY			375.500		375.500
		0400- 7-	BRIDGE DECK GROOVING, LESS THAN 8.5"	SY				444.000	444.000
		0400- 9-	BRIDGE DECK GROOVING & PLANING, DECK 8.5" AND GREATER	SY			2316.000		2316.000
		0400-147-	COMPOSITE NEOPRENE PADS	CF				2.300	2.300
		0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB			181214.000	1114.000	212328.000
		0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB			70021.000	78.000	77399.000
		0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB			41432.000	0.000	41432.000
		0450- 2- 45	PREST BEAMS: FLORIDA-1 BEAM 45"	LF				0.000	783.000
		0455- 34- 5	PRESTRESSED CONCRETE PILING, 24" SQ	LF			0.000		2385.000
		0455- 35- 6	STEEL PILING, HP 14 X 89	LF				0.000	1830.000
		0455-143- 5	TEST PILES-PRESTRESSED CONCRETE, 24" SQ	LF			360.000		360.000
		0455-144- 6	TEST PILES - STEEL, HP 14 X 89	LF				335.000	335.000
		0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF				85.000	85.000
		0458- 1- 12	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I STRIP SEAL	LF			97.000		97.000
		0460- 2- 20	STRUCT STEEL - NEW/WIDENING, WEATHERING 23827525201 110095	EA			1.000		1.000
		0461-113- 19	MULTIROTATIONAL BEARING ASSEM-FIXED, F&I, >= 2001KIPS	EA			1.000		1.000
		0461-114- 12	MULTIROTATIONAL BEARING ASSEM EXP, F&I, 251- 500KIPS	EA			4.000		4.000
		0461-114- 19	MULTIROTATIONAL BEARING ASSEM-EXPANSION, F&I, >=2001KIPS	EA			3.000		3.000
		0521- 5- 1	CONCRETE TRAFFIC RAILING, BRIDGE 32" F - SHAPE	LF				316.000	316.000
		0521- 5- 2	CONCRETE TRAFFIC RAILING, BRIDGE 42" F - SHAPE	LF			1044.000		1044.000
		0524- 2- 2	CONCRETE SLOPE PAVEMENT, NON REINFORCED, 4"	SY			21.000	130.000	151.000

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REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO. 2A
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
05/17/17	JLC 1 MODIFIED QUANTITY 400-9			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01	DISTRICT : 05	COUNTY/SECTION : 11130000
PROJECT(S) : 23827525201, 23827535201	COUNTY : LAKE	

0001 SUMMARY OF STRUCTURES

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	23827525201 BR# 110095	23827525201 BR# 110094	QUANTITY TOTAL
		0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES 23827525201 110030, 110066	(LS)			1.000		1.000
		0400- 2- 4	CONC CLASS 11, BRIDGE SUPERSTRUCTURE	CY			776.300	114.700	891.000
		0400- 2- 5	CONCRETE CLASS 11, BRIDGE SUBSTRUCTURE	CY				50.400	50.400
		0400- 2- 10	CONCRETE CLASS 11, APPROACH SLABS	CY			115.200	96.600	211.800
		0400- 2- 25	CONCRETE CLASS 11, MASS, BRIDGE SUBSTRUCTURE	CY			375.500		375.500
		0400- 7-	BRIDGE DECK GROOVING, LESS THAN 8.5"	SY				444.000	444.000
		0400- 9-	BRIDGE DECK GROOVING & PLANING, DECK 8.5" AND GREATER	SY			2316.000		2316.000
		0400-147-	COMPOSITE NEOPRENE PADS	CF				2.300	2.300
		0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB			181214.000	31114.000	212328.000
		0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB			70021.000	7378.000	77399.000
		0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB			22432.000	19000.000	41432.000
		0450- 2- 45	PREST BEAMS: FLORIDA-I BEAM 45"	LF				391.500	391.500
		0455- 34- 5	PRESTRESSED CONCRETE PILING, 24" SQ	LF			2385.000		2385.000
		0455- 35- 6	STEEL PILING, HP 14 X 89	LF				1830.000	1830.000
		0455-143- 5	TEST PILES-PRESTRESSED CONCRETE, 24" SQ	LF			360.000		360.000
		0455-144- 6	TEST PILES - STEEL, HP 14 X 89	LF				335.000	335.000
		0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF				85.000	85.000
		0458- 1- 12	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I STRIP SEAL	LF			97.000		97.000
		0460- 2- 20	STRUCT STEEL - NEW/WIDENING, WEATHERING 23827525201 110095	(LS)			1.000		1.000
		0461-113- 19	MULTIROTATIONAL BEARING ASSEM-FIXED, F&I, >= 2001KIPS	EA			1.000		1.000
		0461-114- 12	MULTIROTATIONAL BEARING ASSEM EXP, F&I, 251- 500KIPS	EA			4.000		4.000
		0461-114- 19	MULTIROTATIONAL BEARING ASSEM-EXPANSION, F&I, >=2001KIPS	EA			3.000		3.000
		0521- 5- 1	CONCRETE TRAFFIC RAILING, BRIDGE 32" F - SHAPE	LF				316.000	316.000
		0521- 5- 2	CONCRETE TRAFFIC RAILING, BRIDGE 42" F - SHAPE	LF			1044.000		1044.000
		0524- 2- 2	CONCRETE SLOPE PAVEMENT, NON REINFORCED, 4"	SY			21.000	18.000	39.000

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REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	JLC	DESCRIPTION	DATE		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
05/17/17	JLC	1 MODIFIED QUANTITY 400-9			SR 46	LAKE	238275-2-52-01	SUMMARY OF PAY ITEMS 2A
05/26/17	JLC	2 MODIFIED QUANTITY 450-2-45 & 524-2-2						

FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
 PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE

0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0101- 1-	MOBILIZATION 23827525201	LS	1.000		1.000
		0101- 1-	MOBILIZATION 23827535201	LS		1.000	1.000
		0102- 1-	MAINTENANCE OF TRAFFIC 23827525201	(LS)	1.000		1.000
		0102- 1-	MAINTENANCE OF TRAFFIC 23827535201	(LS)		1.000	1.000
		0102- 2- 1	SPECIAL DETOUR 1 23827525201	LS	1.000		1.000
		0102- 2- 1	SPECIAL DETOUR 1 23827535201	LS		1.000	1.000
		0102- 2- 2	SPECIAL DETOUR 2 23827525201	LS	1.000		1.000
		0102- 2- 2	SPECIAL DETOUR 2 23827535201	LS		1.000	1.000
		0102- 2- 3	SPECIAL DETOUR 3 23827525201	LS	1.000		1.000
		0102- 2- 3	SPECIAL DETOUR 3 23827535201	LS		1.000	1.000
		0102- 2- 4	SPECIAL DETOUR 4 23827525201	LS	1.000		1.000
		0102- 2- 4	SPECIAL DETOUR 4 23827535201	LS		1.000	1.000
		0102- 2- 5	SPECIAL DETOUR 5 23827525201	LS	1.000		1.000
		0102- 2- 5	SPECIAL DETOUR 5 23827535201	LS		1.000	1.000
		0102- 2- 6	SPECIAL DETOUR 6 23827525201	LS	1.000		1.000
		0102- 2- 7	SPECIAL DETOUR 7 23827525201	LS	1.000		1.000
		0102- 2- 8	SPECIAL DETOUR 8 23827525201	LS	1.000		1.000
		0102- 14-	TRAFFIC CONTROL OFFICER	HR		24.000	24.000
		0102- 60-	WORK ZONE SIGN	ED	19122.000	23830.000	42952.000
		0102- 71- 11	BARRIER WALL, TEMPORARY, F&I, CONCRETE	LF	809.000		809.000
		0102- 71- 14	BARRIER WALL, TEMPORARY, F&I, TYPE K	LF		1905.000	1905.000
		0102- 71- 24	BARRIER WALL, TEMPORARY, RELOCATE, TYPE K	LF		1593.000	1593.000
		0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	305209.000	33280.000	638009.000
		0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	6451.000	900.000	15917.000
		0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED		850.000	850.000
		0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA	6851.000		6851.000
		0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	EA	6.000	16.000	22.000
		0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	EA	140.000	864.000	1004.000
		0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	2403.000	1700.000	4103.000
		0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	2403.000	1700.000	4103.000
		0104- 10- 3	SEDIMENT BARRIER	LF	1276.000	5124.000	27825.000
		0104- 11-	FLOATING TURBIDITY BARRIER	LF	787.000		787.000
		0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	4.000	2.000	6.000
		0104- 18-	INLET PROTECTION SYSTEM	EA	96.000	54.000	150.000
		0107- 1-	LITTER REMOVAL	AC	2259.940 N	95.620 N	2355.560
		0107- 2-	MOWING	AC	1019.410 N	75.910 N	1095.320
P		0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING 23827525201	LS	1.000		1.000
P		0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING 23827525201	LS	1.000		1.000
P		0108- 3-	MONITOR EXISTING STRUCTURES- GROUNDWATER MONITORING 23827525201	LS	1.000		1.000



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS SHEET NO. 2B
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 46	LAKE	238275-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
 PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE
 0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0101- 1-	MOBILIZATION 23827525201	LS	1.000		1.000
		0101- 1-	MOBILIZATION 23827535201	LS		1.000	1.000
		0102- 1-	MAINTENANCE OF TRAFFIC 23827525201	(LS)	1.000		1.000
		0102- 1-	MAINTENANCE OF TRAFFIC 23827535201	(LS)		1.000	1.000
		0102- 2- 1	SPECIAL DETOUR 1 23827525201	LS	1.000		1.000
		0102- 2- 1	SPECIAL DETOUR 1 23827535201	LS		1.000	1.000
		0102- 2- 2	SPECIAL DETOUR 2 23827525201	LS	1.000		1.000
		0102- 2- 2	SPECIAL DETOUR 2 23827535201	LS		1.000	1.000
		0102- 2- 3	SPECIAL DETOUR 3 23827525201	LS	1.000		1.000
		0102- 2- 3	SPECIAL DETOUR 3 23827535201	LS		1.000	1.000
		0102- 2- 4	SPECIAL DETOUR 4 23827525201	LS	1.000		1.000
		0102- 2- 4	SPECIAL DETOUR 4 23827535201	LS		1.000	1.000
		0102- 2- 5	SPECIAL DETOUR 5 23827525201	LS	1.000		1.000
		0102- 2- 5	SPECIAL DETOUR 5 23827535201	LS		1.000	1.000
		0102- 2- 6	SPECIAL DETOUR 6 23827525201	LS	1.000		1.000
		0102- 2- 7	SPECIAL DETOUR 7 23827525201	LS	1.000		1.000
		0102- 2- 8	SPECIAL DETOUR 8 23827525201	LS	1.000		1.000
		0102- 14-	TRAFFIC CONTROL OFFICER	HR		24.000	24.000
		0102- 60-	WORK ZONE SIGN	ED	19122.000	23830.000	42952.000
		0102- 71- 11	TEMPORARY BARRIER, F&I, CONCRETE	LF	809.000		809.000
		0102- 71- 14	TEMPORARY BARRIER, F&I, TYPE K	LF		1905.000	1905.000
		0102- 71- 24	TEMPORARY BARRIER, RELOCATE, TYPE K	LF		1593.000	1593.000
		0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	305209.000	332801.000	638010.000
		0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	6451.000	9466.000	15917.000
		0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED		850.000	850.000
		0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA		6851.000	6851.000
		0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	6.000	4.000	10.000
		0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	140.000	864.000	1004.000
		0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	703.000	1700.000 850	2403.000 1553
		0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	703.000	1700.000 850	2403.000 1553
		0104- 10- 3	SEDIMENT BARRIER	LF	12701.000	15124.000	27825.000
		0104- 11-	FLOATING TURBIDITY BARRIER	LF	787.000		787.000
		0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	4.000	2.000	6.000
		0104- 18-	INLET PROTECTION SYSTEM	EA	96.000	54.000	150.000
		0107- 1-	LITTER REMOVAL	AC	2259.940 N	95.620 N	2355.560
		0107- 2-	MOWING	AC	1019.410 N	75.910 N	1095.320
P		0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING 23827525201	LS	1.000	1.000	1.000 2.000
P		0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING 23827525201	LS	1.000		1.000
P		0108- 3-	MONITOR EXISTING STRUCTURES- GROUNDWATER MONITORING 23827525201	LS	1.000		1.000

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REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 2B
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
08/11/17	3 DELETED PAY ITEM 108-3, ADDED PAY ITEM 108-1, REVISED QUANTITY ITEMS 102-104 & 102-107-1			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	SUMMARY OF PAY ITEMS

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPOSAL SUMMARY OF PAY ITEMS
FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE
0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0110- 1- 1	CLEARING & GRUBBING 23827525201	(LS)	1.000		1.000
		0110- 1- 1	CLEARING & GRUBBING 23827535201	(LS)		1.000	1.000
		0110- 4-	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	10262.000	10357.000	20619.000
		0110- 7- 1	MAILBOX, F&I SINGLE	EA		14.000	14.000
		0120- 1-	REGULAR EXCAVATION	CY	531432.000	95475.000	626907.000
		0120- 4-	SUBSOIL EXCAVATION	CY	58010.000	323.000	58333.000
		0120- 6-	EMBANKMENT	CY	306902.000	19178.000	326080.000
T		0120- 76- 1	NATURAL CLAY BORROW FOR CLAY CORE, PROJECT 238275-2-52-01	CY	29.800		29.800
		0160- 4-	TYPE B STABILIZATION	SY	147910.000	75471.000	223381.000
		0162- 1- 11	PREPARED SOIL LAYER, FINISH SOIL LAYER, 6"	SY	384.000		384.000
		0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	6311.000	1786.000	8097.000
		0285-702-	OPTIONAL BASE, BASE GROUP 02	SY	459.000	933.000	1392.000
		0285-703-	OPTIONAL BASE, BASE GROUP 03	SY	3330.000		3330.000
		0285-706-	OPTIONAL BASE, BASE GROUP 06	SY		8873.000	8873.000
		0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	123547.000	58981.000	182528.000
		0286- 1-	TURNOUT CONSTRUCTION	SY	599.000		599.000
		0327- 70- 3	MILLING EXIST ASPH PAVT, 4 1/2" AVG DEPTH	SY	2576.000		2576.000
		0327- 70- 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	2329.000		2329.000
		0327- 70- 5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	SY		1926.000	1926.000
		0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	139.000		139.000
		0327- 70- 7	MILLING EXIST ASPH PAVT, 4" AVG DEPTH	SY	2627.000		2627.000
		0327- 70- 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	SY	5632.000		5632.000
		0327- 70- 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	SY	5887.000		5887.000
		0327- 70- 18	MILLING EXIST ASPH PAVT, 5 1/2" AVG DEPTH	SY	515.000		515.000
		0327- 70- 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	SY	1749.000		1749.000
		0327- 70- 23	MILLING EXIST ASPH PAVT, 6" AVG DEPTH	SY	2652.000		2652.000
		0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	18348.400	457.000	24805.400
		0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	3343.900		3343.900
		0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22	TN	24.100		24.100
		0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	6426.900	6329.500	12756.400
		0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	28.900		28.900
		0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL	CY	84.000		84.000
		0400- 1- 2	CONCRETE CLASS 1, ENDWALLS	CY	37.000		37.000
		0425- 1-311	INLETS, CURB, TYPE P-1, <10'	EA	85.000	22.000	107.000
		0425- 1-312	INLETS, CURB TYPE P-1, >10'	EA	2.000		2.000
		0425- 1-315	INLETS, CURB TYPE P-1, PARTIAL	EA	2.000		2.000
		0425- 1-321	INLETS, CURB, TYPE P-2, <10'	EA	10.000	1.000	11.000
		0425- 1-331	INLETS, CURB, TYPE P-3, <10'	EA		2.000	2.000
		0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	2.000	2.000	4.000
		0425- 1-352	INLETS, CURB, TYPE P-5, >10'	EA		1.000	1.000



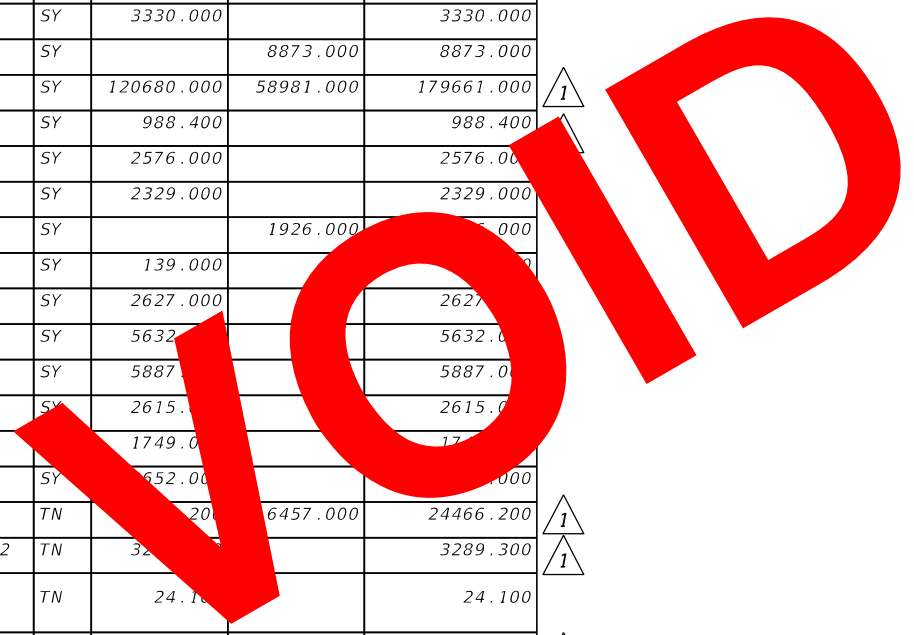
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		2C

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FLORIDA DEPARTMENT OF TRANSPORTATION
PROPOSAL SUMMARY OF PAY ITEMS
FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE
0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0110- 1- 1	CLEARING & GRUBBING 23827525201	(LS)	1.000		1.000
		0110- 1- 1	CLEARING & GRUBBING 23827535201	(LS)		1.000	1.000
		0110- 4-	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	10262.000	10357.000	20619.000
		0110- 7- 1	MAILBOX, F&I SINGLE	EA		14.000	14.000
		0120- 1-	REGULAR EXCAVATION	CY	531432.000	95475.000	626907.000
		0120- 4-	SUBSOIL EXCAVATION	CY	58010.000	323.000	58333.000
		0120- 6-	EMBANKMENT	CY	306902.000	19178.000	326080.000
T		0120- 76- 1	NATURAL CLAY BORROW FOR CLAY CORE, PROJECT 238275-2-52-01	CY	29.800		29.800
		0160- 4-	TYPE B STABILIZATION	SY	147910.000	75471.000	223381.000
		0162- 1- 11	PREPARED SOIL LAYER, FINISH SOIL LAYER, 6"	SY	384.000		384.000
		0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	6311.000	1786.000	8097.000
		0285-702-	OPTIONAL BASE, BASE GROUP 02	SY	459.000	933.000	1392.000
		0285-703-	OPTIONAL BASE, BASE GROUP 03	SY	3330.000		3330.000
		0285-706-	OPTIONAL BASE, BASE GROUP 06	SY		8873.000	8873.000
		0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	120680.000	58981.000	179661.000
		0286- 1-	TURNOUT CONSTRUCTION	SY	988.400		988.400
		0327- 70- 3	MILLING EXIST ASPH PAVT, 4 1/2" AVG DEPTH	SY	2576.000		2576.000
		0327- 70- 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	2329.000		2329.000
		0327- 70- 5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	SY		1926.000	1926.000
		0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	139.000		139.000
		0327- 70- 7	MILLING EXIST ASPH PAVT, 4" AVG DEPTH	SY	2627.000		2627.000
		0327- 70- 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	SY	5632.000		5632.000
		0327- 70- 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	SY	5887.000		5887.000
		0327- 70- 18	MILLING EXIST ASPH PAVT, 5 1/2" AVG DEPTH	SY	2615.000		2615.000
		0327- 70- 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	SY	1749.000		1749.000
		0327- 70- 23	MILLING EXIST ASPH PAVT, 6" AVG DEPTH	SY	652.000		652.000
		0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	6457.000		6457.000
		0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	3289.300		3289.300
		0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22	TN	24.100		24.100
		0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	6303.000	6329.500	12632.500
		0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	28.900		28.900
		0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL	CY	84.000		84.000
		0400- 1- 2	CONCRETE CLASS 1, ENDWALLS	CY	37.000		37.000
		0425- 1-311	INLETS, CURB, TYPE P-1, <10'	EA	85.000	22.000	107.000
		0425- 1-312	INLETS, CURB TYPE P-1, >10'	EA	2.000		2.000
		0425- 1-315	INLETS, CURB TYPE P-1, PARTIAL	EA	2.000		2.000
		0425- 1-321	INLETS, CURB, TYPE P-2, <10'	EA	10.000	1.000	11.000
		0425- 1-331	INLETS, CURB, TYPE P-3, <10'	EA		2.000	2.000
		0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	2.000	2.000	4.000
		0425- 1-352	INLETS, CURB, TYPE P-5, >10'	EA		1.000	1.000



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.		
DATE	JLC	DESCRIPTION	DATE		DESCRIPTION	ROAD NO.	COUNTY		FINANCIAL PROJECT ID	
05/17/17	JLC	1 MODIFIED QUANTITIES 285-709, 286-1, 334-1-53, 337-7-25, 337-7-83			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	SUMMARY OF PAY ITEMS	2C

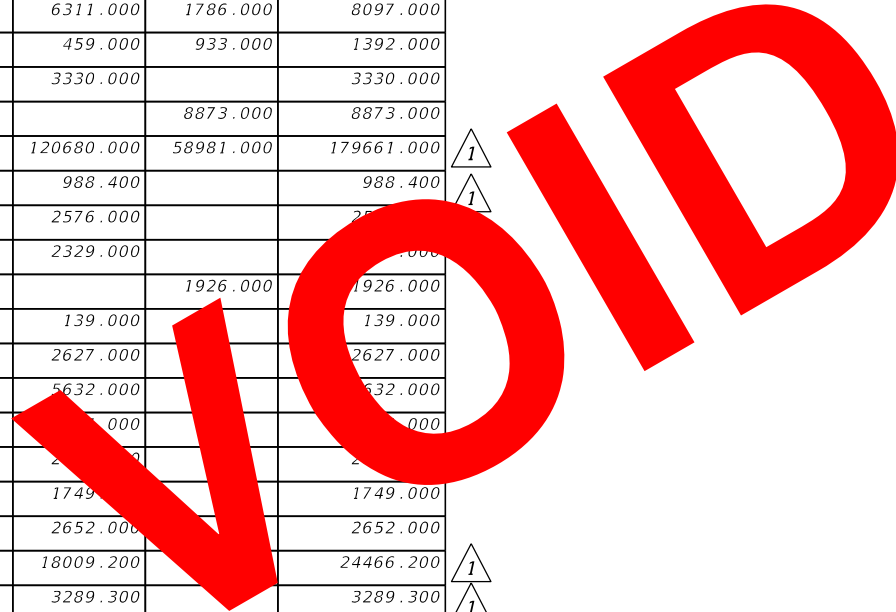
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FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01	DISTRICT : 05	COUNTY/SECTION : 11130000
PROJECT(S) : 23827525201, 23827535201	COUNTY : LAKE	

0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0110- 1- 1	CLEARING & GRUBBING 23827525201	(LS)	1.000		1.000
		0110- 1- 1	CLEARING & GRUBBING 23827535201	(LS)		1.000	1.000
		0110- 4-	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	10262.000	10357.000	20619.000
		0110- 7- 1	MAILBOX, F&I SINGLE	EA		14.000	14.000
		0120- 1-	REGULAR EXCAVATION	CY	531076.000	79880.000	610956.000
		0120- 4-	SUBSOIL EXCAVATION	CY	58010.000	323.000	58333.000
		0120- 6-	EMBANKMENT	CY	303108.000	19187.000	322295.000
T		0120- 76- 1	NATURAL CLAY BORROW FOR CLAY CORE, PROJECT 238275-2-52-01	CY	29.800		29.800
		0160- 4-	TYPE B STABILIZATION	SY	147910.000	75471.000	223381.000
		0162- 1- 11	PREPARED SOIL LAYER, FINISH SOIL LAYER, 6"	SY	384.000		384.000
		0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	6311.000	1786.000	8097.000
		0285-702-	OPTIONAL BASE, BASE GROUP 02	SY	459.000	933.000	1392.000
		0285-703-	OPTIONAL BASE, BASE GROUP 03	SY	3330.000		3330.000
		0285-706-	OPTIONAL BASE, BASE GROUP 06	SY		8873.000	8873.000
		0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	120680.000	58981.000	179661.000
		0286- 1-	TURNOUT CONSTRUCTION	SY	988.400		988.400
		0327- 70- 3	MILLING EXIST ASPH PAVT, 4 1/2" AVG DEPTH	SY	2576.000		2576.000
		0327- 70- 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	2329.000		2329.000
		0327- 70- 5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	SY		1926.000	1926.000
		0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	139.000		139.000
		0327- 70- 7	MILLING EXIST ASPH PAVT, 4" AVG DEPTH	SY	2627.000		2627.000
		0327- 70- 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	SY	5632.000		5632.000
		0327- 70- 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	SY	2000.000		2000.000
		0327- 70- 18	MILLING EXIST ASPH PAVT, 5 1/2" AVG DEPTH	SY	2000.000		2000.000
		0327- 70- 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	SY	1749.000		1749.000
		0327- 70- 23	MILLING EXIST ASPH PAVT, 6" AVG DEPTH	SY	2652.000		2652.000
		0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	18009.200		24466.200
		0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	3289.300		3289.300
		0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22	TN	24.100		24.100
		0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	6303.000	6329.500	12632.500
		0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	23.800		23.800
		0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL	CY	84.000		84.000
		0400- 1- 2	CONCRETE CLASS I, ENDWALLS	CY	37.000		37.000
		0425- 1-311	INLETS, CURB, TYPE P-1, <10'	EA	79.000	22.000	101.000
		0425- 1-312	INLETS, CURB TYPE P-1, >10'	EA	2.000		2.000
		0425- 1-315	INLETS, CURB TYPE P-1, PARTIAL	EA	5.000		5.000
		0425- 1-321	INLETS, CURB, TYPE P-2, <10'	EA	10.000	1.000	11.000
		0425- 1-331	INLETS, CURB, TYPE P-3, <10'	EA		2.000	2.000
		0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	2.000	2.000	4.000
		0425- 1-352	INLETS, CURB, TYPE P-5, >10'	EA		1.000	1.000



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
05/17/17	JLC ¹ MODIFIED QUANTITIES 285-709, 286-1, 334-1-53, 337-7-25, 337-7-83	05/26/17	JLC ² MODIFIED QUANTITIES 120-1, 120-6, 339-1, 425-1-311 & 425-1-315	SR 46	LAKE	238275-2-52-01	2C	

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPOSAL SUMMARY OF PAY ITEMS
FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01	DISTRICT : 05	COUNTY/SECTION : 11130000
PROJECT(S) : 23827525201, 23827535201	COUNTY : LAKE	
0002 SUMMARY OF ROADWAY		

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0110- 1- 1	CLEARING & GRUBBING 23827525201	(LS)	1.000		1.000
		0110- 1- 1	CLEARING & GRUBBING 23827535201	(LS)		1.000	1.000
		0110- 4-	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	10262.000 10,284	10357.000	20619.000 20,641
		0110- 7- 1	MAILBOX, F&I SINGLE	EA		14.000	14.000
		0120- 1-	REGULAR EXCAVATION	CY	531076.000	79880.000	610956.000
		0120- 4-	SUBSOIL EXCAVATION	CY	58010.000	323.000	58333.000
		0120- 6-	EMBANKMENT	CY	303108.000	19187.000	322295.000
T		0120- 76- 1	NATURAL CLAY BORROW FOR CLAY CORE, PROJECT 238275-2-52-01	CY	29.800		29.800
		0160- 4-	TYPE B STABILIZATION	SY	147910.000	75471.000	223381.000
		0162- 1- 11	PREPARED SOIL LAYER, FINISH SOIL LAYER, 6"	SY	384.000		384.000
		0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	6311.000	1786.000	8097.000
		0285-702-	OPTIONAL BASE, BASE GROUP 02	SY	459.000	933.000	1392.000
		0285-703-	OPTIONAL BASE, BASE GROUP 03	SY	3330.000		3330.000
		0285-706-	OPTIONAL BASE, BASE GROUP 06	SY		8873.000	8873.000
		0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	120680.000	58981.000	179661.000
		0286- 1-	TURNOUT CONSTRUCTION	SY	988.400		988.400
		0327- 70- 3	MILLING EXIST ASPH PAVT, 4 1/2" AVG DEPTH	SY	2576.000		2576.000
		0327- 70- 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	2329.000		2329.000
		0327- 70- 5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	SY		1926.000	1926.000
		0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	139.000		139.000
		0327- 70- 7	MILLING EXIST ASPH PAVT, 4" AVG DEPTH	SY	2627.000		2627.000
		0327- 70- 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	SY	5632.000		5632.000
		0327- 70- 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	SY	5887.000		5887.000
		0327- 70- 18	MILLING EXIST ASPH PAVT, 5 1/2" AVG DEPTH	SY	2615.000		2615.000
		0327- 70- 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	SY	1749.000		1749.000
		0327- 70- 23	MILLING EXIST ASPH PAVT, 6" AVG DEPTH	SY	2652.000		2652.000
		0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	18009.200	6457.000	24466.200
		0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	3289.300		3289.300
		0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22	TN	24.100		24.100
		0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	6303.000	6329.500	12632.500
		0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	23.800		23.800
		0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL	CY	84.000		84.000
		0400- 1- 2	CONCRETE CLASS 1, ENDWALLS	CY	37.000		37.000
		0425- 1-311	INLETS, CURB, TYPE P-1, <10'	EA	79.000	22.000	101.000
		0425- 1-312	INLETS, CURB TYPE P-1, >10'	EA	2.000		2.000
		0425- 1-315	INLETS, CURB TYPE P-1, PARTIAL	EA	5.000		5.000
		0425- 1-321	INLETS, CURB, TYPE P-2, <10'	EA	10.000	1.000	11.000
		0425- 1-331	INLETS, CURB, TYPE P-3, <10'	EA		2.000	2.000
		0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	2.000	2.000	4.000
		0425- 1-352	INLETS, CURB, TYPE P-5, >10'	EA		1.000	1.000

08/11/17 SAS ³ MODIFIED QUANTITIES 110-4

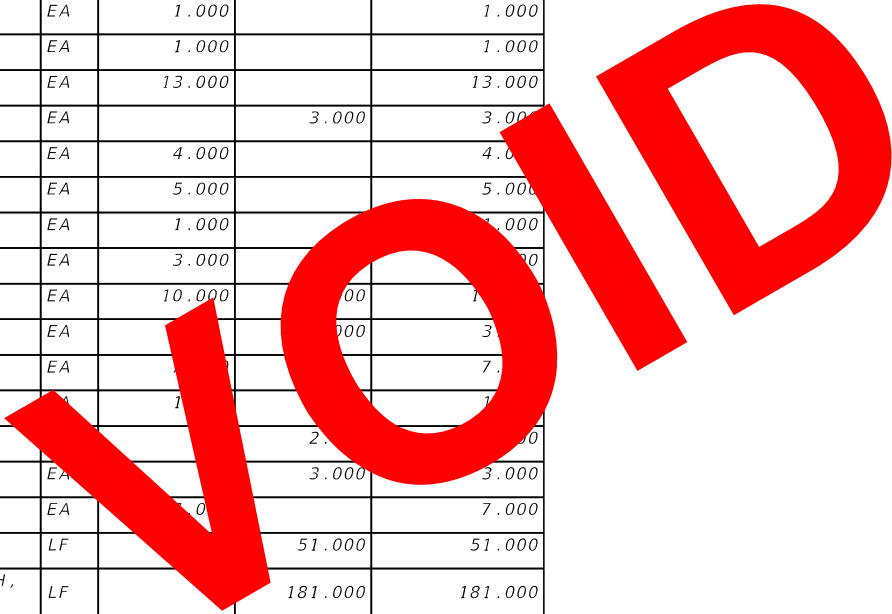
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 2C
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
05/17/17	JLC ¹ MODIFIED QUANTITIES 285-709, 286-1, 334-1-53, 337-7-25, 337-7-83	05/26/17	JLC ² MODIFIED QUANTITIES 120-1, 120-6, 339-1, 425-1-311 & 425-1-315	SR 46	LAKE	238275-2-52-01	SUMMARY OF PAY ITEMS	

FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
 PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE

0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	2.000		2.000
		0425- 1-411	INLETS, CURB TYPE J-1, <10'	EA	3.000	6.000	9.000
		0425- 1-412	INLETS, CURB, TYPE J-1, >10'	EA	1.000	5.000	6.000
		0425- 1-421	INLETS, CURB, TYPE J-2, <10'	EA		1.000	1.000
		0425- 1-422	INLETS, CURB, TYPE J-2, >10'	EA	2.000		2.000
		0425- 1-425	INLETS, CURB, TYPE J-2, PARTIAL	EA		1.000	1.000
		0425- 1-471	INLETS, CURB, TYPE 7, <10'	EA	13.000		13.000
		0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	1.000	5.000	6.000
		0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	3.000	1.000	4.000
		0425- 1-542	INLETS, DT BOT, TYPE D, >10'	EA	1.000		1.000
		0425- 1-544	INLETS, DITCH BOTTOM, TYPE D, J BOT, >10'	EA	1.000		1.000
		0425- 1-549	INLETS, DT BOT, TYPE D, MODIFY	EA	13.000		13.000
		0425- 1-551	INLETS, DT BOT, TYPE E, <10'	EA		3.000	3.000
		0425- 1-561	INLETS, DT BOT, TYPE F, <10'	EA	4.000		4.000
		0425- 1-891	INLETS, BARRIER WALL, <10'	EA	5.000		5.000
		0425- 1-892	INLETS, BARRIER WALL, >10'	EA	1.000		1.000
		0425- 1-910	INLETS, CLOSED FLUME	EA	3.000		3.000
		0425- 2- 41	MANHOLES, P-7, <10'	EA	10.000		10.000
		0425- 2- 42	MANHOLES, P-7, >10'	EA		3.000	3.000
		0425- 2- 61	MANHOLES, P-8, <10'	EA		7.000	7.000
		0425- 2- 62	MANHOLES, P-8, >10'	EA		1.000	1.000
		0425- 2- 71	MANHOLES, J-7, <10'	EA		2.000	2.000
		0425- 2- 72	MANHOLES, J-7, >10'	EA		3.000	3.000
		0425- 2- 92	MANHOLES, J-8, >10'	EA		7.000	7.000
		0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF		51.000	51.000
		0430-174-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18"SD	LF		181.000	181.000
		0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	8617.000	3395.000	12012.000
		0430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD	LF	5971.000	691.000	6662.000
		0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	2077.000	1545.000	3622.000
		0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	1935.000	1178.000	3113.000
		0430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF	91.000	302.000	393.000
		0430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF	40.000	491.000	531.000
		0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	12.000	1.000	13.000
		0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	7.000	2.000	9.000
		0430-982-133	MITERED END SECTION, OPTIONAL ROUND, 30" CD	EA	6.000		6.000
		0430-982-138	MITERED END SECTION, OPTIONAL ROUND, 36" CD	EA	3.000		3.000
		0430-982-140	MITERED END SECTION, OPTIONAL ROUND, 42" CD	EA	1.000		1.000
		0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA		2.000	2.000
		0430-984-133	MITERED END SECTION, OPTIONAL ROUND, 30" SD	EA	2.000		2.000
		0430-984-625	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 18" SD	EA		8.000	8.000




REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		2D

FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
 PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE
 0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	2.000		2.000
		0425- 1-411	INLETS, CURB TYPE J-1, <10'	EA	3.000	6.000	9.000
		0425- 1-412	INLETS, CURB, TYPE J-1, >10'	EA	1.000	5.000	6.000
		0425- 1-421	INLETS, CURB, TYPE J-2, <10'	EA		1.000	1.000
		0425- 1-422	INLETS, CURB, TYPE J-2, >10'	EA	2.000		2.000
		0425- 1-425	INLETS, CURB, TYPE J-2, PARTIAL	EA		1.000	1.000
		0425- 1-471	INLETS, CURB, TYPE 7, <10'	EA	13.000		13.000
		0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	1.000	5.000	6.000
		0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	3.000	1.000	4.000
		0425- 1-544	INLETS, DITCH BOTTOM, TYPE D, J BOT, >10'	EA	1.000		1.000
		0425- 1-549	INLETS, DT BOT, TYPE D, MODIFY	EA	13.000		13.000
		0425- 1-551	INLETS, DT BOT, TYPE E, <10'	EA		3.000	3.000
		0425- 1-561	INLETS, DT BOT, TYPE F, <10'	EA	4.000		4.000
		0425- 1-891	INLETS, BARRIER WALL, <10'	EA	5.000		5.000
		0425- 1-892	INLETS, BARRIER WALL, >10'	EA	1.000		1.000
		0425- 1-910	INLETS, CLOSED FLUME	EA	3.000		3.000
		0425- 2- 41	MANHOLES, P-7, <10'	EA	10.000	4.000	14.000
		0425- 2- 42	MANHOLES, P-7, >10'	EA		3.000	3.000
		0425- 2- 61	MANHOLES, P-8, <10'	EA	7.000		7.000
		0425- 2- 62	MANHOLES, P-8, >10'	EA	1.000		1.000
		0425- 2- 71	MANHOLES, J-7, <10'	EA		2.000	2.000
		0425- 2- 72	MANHOLES, J-7, >10'	EA		3.000	3.000
		0425- 2- 92	MANHOLES, J-8, >10'	EA	7.000		7.000
		0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF		51.000	51.000
		0430-174-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18"SD	LF		181.000	181.000
		0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	7.000	5.000	12.000
		0430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD	LF	2.000	6.000	8.000
		0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	2077.000	15.000	3622.000
		0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	1935.000	17.000	3113.000
		0430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF	91.000		393.000
		0430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF	40.000	4.000	531.000
		0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	12.000	1.000	13.000
		0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	7.000	2.000	9.000
		0430-982-133	MITERED END SECTION, OPTIONAL ROUND, 30" CD	EA	6.000		6.000
		0430-982-138	MITERED END SECTION, OPTIONAL ROUND, 36" CD	EA	3.000		3.000
		0430-982-140	MITERED END SECTION, OPTIONAL ROUND, 42" CD	EA	1.000		1.000
		0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA		2.000	2.000
		0430-984-133	MITERED END SECTION, OPTIONAL ROUND, 30" SD	EA	2.000		2.000
		0430-984-625	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 18" SD	EA		8.000	8.000
		0436- 1- 1	TRENCH DRAIN, STANDARD	LF	67.000		67.000



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
05/17/17	JLC  REMOVE ITEM 425-1-542			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	SUMMARY OF PAY ITEMS
								2D

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
 PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE

0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	2.000		2.000
		0425- 1-411	INLETS, CURB TYPE J-1, <10'	EA	3.000	6.000	9.000
		0425- 1-412	INLETS, CURB, TYPE J-1, >10'	EA	1.000	5.000	6.000
		0425- 1-421	INLETS, CURB, TYPE J-2, <10'	EA		1.000	1.000
		0425- 1-422	INLETS, CURB, TYPE J-2, >10'	EA	2.000		2.000
		0425- 1-425	INLETS, CURB, TYPE J-2, PARTIAL	EA		1.000	1.000
		0425- 1-471	INLETS, CURB, TYPE 7, <10'	EA	13.000		13.000
		0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	1.000	5.000	6.000
		0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	3.000	1.000	4.000
		0425- 1-549	INLETS, DT BOT, TYPE D, MODIFY	EA	13.000		13.000
		0425- 1-551	INLETS, DT BOT, TYPE E, <10'	EA		3.000	3.000
		0425- 1-561	INLETS, DT BOT, TYPE F, <10'	EA	4.000		4.000
		0425- 1-891	INLETS, BARRIER WALL, <10'	EA	5.000		5.000
		0425- 1-892	INLETS, BARRIER WALL, >10'	EA	1.000		1.000
		0425- 1-910	INLETS, CLOSED FLUME	EA	3.000		3.000
		0425- 2- 41	MANHOLES, P-7, <10'	EA	10.000	4.000	14.000
		0425- 2- 42	MANHOLES, P-7, >10'	EA		3.000	3.000
		0425- 2- 61	MANHOLES, P-8, <10'	EA	7.000		7.000
		0425- 2- 62	MANHOLES, P-8, >10'	EA	1.000		1.000
		0425- 2- 71	MANHOLES, J-7, <10'	EA		2.000	2.000
		0425- 2- 72	MANHOLES, J-7, >10'	EA		3.000	3.000
		0425- 2- 92	MANHOLES, J-8, >10'	EA	4.000		4.000
		0425- 5-	MANHOLE, ADJUST	EA	3.000		3.000
		0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF		51.000	51.000
		0430-174-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18"SD	LF		181.000	181.000
		0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	8490.000	3395.000	11885.000
		0430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD	LF	5616.000	691.000	6307.000
		0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	2057.000	1545.000	3602.000
		0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	1935.000	1178.000	3113.000
		0430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF	91.000	302.000	393.000
		0430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF	40.000	491.000	531.000
		0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	12.000	1.000	13.000
		0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	7.000	2.000	9.000
		0430-982-133	MITERED END SECTION, OPTIONAL ROUND, 30" CD	EA	6.000		6.000
		0430-982-138	MITERED END SECTION, OPTIONAL ROUND, 36" CD	EA	3.000		3.000
		0430-982-140	MITERED END SECTION, OPTIONAL ROUND, 42" CD	EA	1.000		1.000
		0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA		2.000	2.000
		0430-984-133	MITERED END SECTION, OPTIONAL ROUND, 30" SD	EA	2.000		2.000
		0430-984-625	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 18" SD	EA		8.000	8.000
		0436- 1- 1	TRENCH DRAIN, STANDARD	LF	67.000		67.000

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
05/17/17	JLC △1 REMOVE ITEM 425-1-542	05/26/17	JLC △2 MODIFIED QUANTITIES 425-2-92, 430-175-118, 430-175-124 & 430-175-130. ADDED PAY ITEM 425-5. REMOVED 425-1-544.

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF PAY ITEMS

SHEET NO. 2D

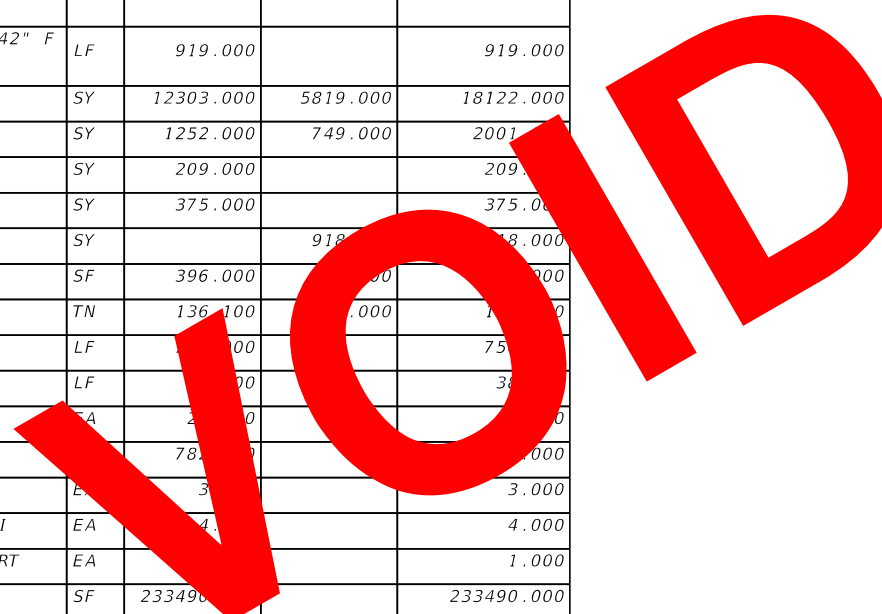
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
 PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE

0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0436- 1- 1	TRENCH DRAIN, STANDARD	LF	67.000		67.000
		0515- 2-111	PEDESTRIAN / BICYCLE RAILING, NS, 42" TYPE 1	LF	100.000		100.000
		0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	25973.000	6095.000	32068.000
		0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	15041.000	11404.000	26445.000
		0520- 2- 4	CONCRETE CURB, TYPE D	LF	289.000		289.000
		0520- 3-	VALLEY GUTTER- CONCRETE	LF		439.000	439.000
		0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE 1, 4' WIDE	LF	801.000		801.000
		0520- 5- 16	TRAFFIC SEPARATOR CONCRETE- TYPE 1, 8.5' WIDE	LF	2875.000	2142.000	5017.000
		0521- 8- 1	CONCRETE TRAFFIC RAILING BARRIER WITH JUNCTION SLAB, 32" F SHAPE	LF	2828.000		2828.000
		0521- 8- 2	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" F SHAPE	LF	919.000		919.000
		0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	12303.000	5819.000	18122.000
		0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1252.000	749.000	2001.000
A		0523- 1- 3	PATTERNED PAVEMENT, VEHICULAR AREAS- GREEN BIKE LANE	SY	209.000		209.000
		0524- 1- 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	375.000		375.000
		0524- 1- 2	CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY		918.000	918.000
		0527- 2-	DETECTABLE WARNINGS	SF	396.000		396.000
		0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	136.100		136.100
		0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF			75.000
		0536- 2-	GUARDRAIL- SHOP-BENT PANELS	LF			38.000
		0536- 7-	SPECIAL GUARDRAIL POST	EA	2.000		2.000
		0536- 73-	GUARDRAIL REMOVAL	EA	78.000		78.000
		0536- 85- 22	GUARDRAIL END ANCHORAGE ASSEMBLY/END TREATMENT- FLARED	EA	3.000		3.000
		0536- 85- 25	GUARDRAIL END ANCHORAGE ASSEMBLY/END TREATMENT- TYPE II	EA	4.000		4.000
		0536- 85- 26	GUARDRAIL END ANCHORAGE ASSEMBLY/END TREATMENT- TYPE CRT	EA	1.000		1.000
		0548- 12-	RETAINING WALL SYSTEM, PERMANENT, EXCLUDING BARRIER	SF	233490.000		233490.000
		0550- 10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	1118.000		1118.000
		0550- 60-235	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 20.1-24' OPENING	EA	1.000		1.000
		0570- 1- 1	PERFORMANCE TURF	SY	110392.000		110392.000
		0570- 1- 2	PERFORMANCE TURF, SOD	SY	128392.000	41285.000	169677.000
A		0591- 1- 43	IRRIGATION SLEEVE, 2" DIAMETER, PROJECT NUMBER 238275-2-52-01	LF	1195.000	525.000	1720.000
A		0591- 1- 44	IRRIGATION SLEEVE, 4" DIAMETER, PROJECT NUMBER 238275-2-52-01	LF	1290.000	48.000	1338.000
A		0591- 1- 45	IRRIGATION SLEEVE, 6" DIAMETER, PROJECT NUMBER 238275-2-52-01	LF	170.000	743.000	913.000
		0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	18.000	11.006	29.006
		0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF		264.000	264.000
		0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	1.810		1.810
		0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.170	0.132	0.302



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE		238275-2-52-01

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
 PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE

0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0515- 2-111	PEDESTRIAN / BICYCLE RAILING, NS, 42" TYPE 1	LF	100.000		100.000
		0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	25973.000	6095.000	32068.000
		0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	15041.000	11404.000	26445.000
		0520- 2- 4	CONCRETE CURB, TYPE D	LF	289.000		289.000
		0520- 3-	VALLEY GUTTER- CONCRETE	LF		439.000	439.000
		0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE 1, 4' WIDE	LF	801.000		801.000
		0520- 5- 16	TRAFFIC SEPARATOR CONCRETE- TYPE 1, 8.5' WIDE	LF	2875.000	2142.000	5017.000
		0521- 8- 1	CONCRETE TRAFFIC RAILING BARRIER WITH JUNCTION SLAB, 32" F SHAPE	LF	2828.000		2828.000
		0521- 8- 2	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" F SHAPE	LF	919.000		919.000
		0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	12303.000	5819.000	18122.000
		0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1252.000	749.000	2001.000
A		0523- 1- 3	PATTERNED PAVEMENT, VEHICULAR AREAS- GREEN BIKE LANE	SY	209.000		209.000
		0524- 1- 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	375.000		375.000
		0524- 1- 2	CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY		918.000	918.000
		0527- 2-	DETECTABLE WARNINGS	SF	396.000	456.000	852.000
		0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	136.100	17.000	153.100
		0534- 72-101	SOUND/NOISE BARRIER-INC FOUNDATION, PERMANENT	SF	12730.000		12730.000
		0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	750.000		750.000
		0536- 2-	GUARDRAIL- SHOP-BENT PANELS	LF	38.000		38.000
		0536- 7-	SPECIAL GUARDRAIL POST	EA	20.000		20.000
		0536- 73-	GUARDRAIL REMOVAL	LF	782.000		782.000
		0536- 85- 22	GUARDRAIL END ANCHORAGE ASSEMBLY/END TREATMENT- FLARED	EA	3.000		3.000
		0536- 85- 25	GUARDRAIL END ANCHORAGE ASSEMBLY/END TREATMENT- TYPE II	EA	4.000		4.000
		0536- 85- 26	GUARDRAIL END ANCHORAGE ASSEMBLY/END TREATMENT- TYPE CRT	EA	1.000		1.000
		0548- 12-	RETAINING WALL SYSTEM, PERMANENT, EXCLUDING BARRIER	SF	235.000		235.000
		0550- 10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	1118.000		1118.000
		0550- 60-235	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 20.1-24' OPENING	EA	1.000		1.000
		0563- 4-	ANTI-GRAFFITI COATING, NON-SACRIFICIAL	SF	25460.000		25460.000
		0570- 1- 1	PERFORMANCE TURF	SY	110392.000		110392.000
		0570- 1- 2	PERFORMANCE TURF, SOD	SY	128392.000	41285.000	169677.000
A		0591- 1- 43	IRRIGATION SLEEVE, 2" DIAMETER, PROJECT NUMBER 238275-2-52-01	LF	905.000	525.000	1430.000
A		0591- 1- 44	IRRIGATION SLEEVE, 4" DIAMETER, PROJECT NUMBER 238275-2-52-01	LF	1375.000	48.000	1423.000
A		0591- 1- 45	IRRIGATION SLEEVE, 6" DIAMETER, PROJECT NUMBER 238275-2-52-01	LF	170.000	743.000	913.000
		0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	18.000	11.006	29.006
		0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF		264.000	264.000
		0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	1.810		1.810



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REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.		
DATE	JLC	DESCRIPTION	DATE		DESCRIPTION	ROAD NO.	COUNTY		FINANCIAL PROJECT ID	
05/17/17	JLC	1 MODIFIED QUANTITY 591-1-43 & 591-1-44, ADDED 534-72-101 & 563-4			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	SUMMARY OF PAY ITEMS	2E

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPOSAL SUMMARY OF PAY ITEMS
FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01	DISTRICT : 05	COUNTY/SECTION : 11130000
PROJECT(S) : 23827525201, 23827535201	COUNTY : LAKE	

0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0515- 2-111	PEDESTRIAN / BICYCLE RAILING, NS, 42" TYPE 1	LF	100.000		100.000
		0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	25973.000	6095.000	32068.000
		0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	15041.000	11404.000	26445.000
		0520- 2- 4	CONCRETE CURB, TYPE D	LF	289.000		289.000
		0520- 3-	VALLEY GUTTER- CONCRETE	LF		439.000	439.000
		0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	801.000		801.000
		0520- 5- 16	TRAFFIC SEPARATOR CONCRETE- TYPE I, 8.5' WIDE	LF	2875.000	2142.000	5017.000
		0521- 8- 1	CONCRETE TRAFFIC RAILING BARRIER WITH JUNCTION SLAB, 32" F SHAPE	LF	2828.000		2828.000
		0521- 8- 2	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" F SHAPE	LF	919.000		919.000
		0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	12303.000	5819.000	18122.000
		0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1252.000	749.000	2001.000
A		0523- 1- 3	PATTERNED PAVEMENT, VEHICULAR AREAS- GREEN BIKE LANE	SY	209.000		209.000
		0524- 1- 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	375.000		375.000
		0524- 1- 2	CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY		918.000	918.000
		0527- 2-	DETECTABLE WARNINGS	SF	396.000	456.000	852.000
		0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	136.100	17.000	153.100
		0534- 72-101	SOUND/NOISE BARRIER-INC FOUNDATION, PERMANENT	SF	12730.000		12730.000
		0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	609.000		609.000
		0536- 2-	GUARDRAIL- SHOP-BENT PANELS	LF	38.000		38.000
		0536- 7-	SPECIAL GUARDRAIL POST	EA	20.000		20.000
		0536- 73-	GUARDRAIL REMOVAL	LF	782.000		782.000
		0536- 85- 22	GUARDRAIL END ANCHORAGE ASSEMBLY/END TREATMENT- FLARED	EA	3.000		3.000
		0536- 85- 25	GUARDRAIL END ANCHORAGE ASSEMBLY/END TREATMENT- TYPE II	EA	4.000		4.000
		0536- 85- 26	GUARDRAIL END ANCHORAGE ASSEMBLY/END TREATMENT- TYPE CRT	EA	1.000		1.000
		0548- 12-	RETAINING WALL SYSTEM, PERMANENT, EXCLUDING BARRIER	SF	55.000		55.000
		0550- 10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	1118.000		1118.000
		0550- 60-235	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 20.1-24' OPENING	EA		1.000	1.000
		0563- 4-	ANTI-GRAFFITI COATING, NON-SACRIFICIAL	SF	25460.000		25460.000
		0570- 1- 1	PERFORMANCE TURF	SY	110392.000		110392.000
		0570- 1- 2	PERFORMANCE TURF, SOD	SY	128392.000	41285.000	169677.000
A		0591- 1- 43	IRRIGATION SLEEVE, 2" DIAMETER, PROJECT NUMBER 238275-2-52-01	LF	905.000	525.000	1430.000
A		0591- 1- 44	IRRIGATION SLEEVE, 4" DIAMETER, PROJECT NUMBER 238275-2-52-01	LF	1375.000	48.000	1423.000
A		0591- 1- 45	IRRIGATION SLEEVE, 6" DIAMETER, PROJECT NUMBER 238275-2-52-01	LF	170.000	743.000	913.000
		0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	18.000	11.006	29.006
		0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF		264.000	264.000
		0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	1.810		1.810



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
05/17/17	JLC ¹ MODIFIED QUANTITY 591-1-43 & 591-1-44, ADDED 534-72-101 & 563-4	05/26/17	JLC ² MODIFIED QUANTITY 536-1-1 & 548-12	SR 46	LAKE	238275-2-52-01	2E	

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPOSAL SUMMARY OF PAY ITEMS
FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE
0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0515- 2-111	PEDESTRIAN / BICYCLE RAILING, NS, 42" TYPE 1	LF	100.000		100.000
		0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	25973.000	6095.000	32068.000
		0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	15041.000	11404.000	26445.000
		0520- 2- 4	CONCRETE CURB, TYPE D	LF	289.000		289.000
		0520- 3-	VALLEY GUTTER- CONCRETE	LF		439.000	439.000
		0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	801.000		801.000
		0520- 5- 16	TRAFFIC SEPARATOR CONCRETE- TYPE I, 8.5' WIDE	LF	2875.000	2142.000	5017.000
		0521- 8- 1	CONCRETE TRAFFIC RAILING BARRIER WITH JUNCTION SLAB, 32" F SHAPE	LF	2828.000		2828.000
		0521- 8- 2	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" F SHAPE	LF	919.000		919.000
		0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	12303.000	5819.000	18122.000
		0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1252.000 1364.000	749.000	2001.000 2113.000
A		0523- 1- 3	PATTERNED PAVEMENT, VEHICULAR AREAS- GREEN BIKE LANE	SY	209.000		209.000
		0524- 1- 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	375.000		375.000
		0524- 1- 2	CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY		918.000	918.000
		0527- 2-	DETECTABLE WARNINGS	SF	396.000	456.000	852.000
		0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	136.100	17.000	153.100
		0534- 72-101	SOUND/NOISE BARRIER-INC FOUNDATION, PERMANENT	SF	12730.000		12730.000
		0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	609.000		609.000
		0536- 2-	GUARDRAIL- SHOP-BENT PANELS	LF	38.000		38.000
		0536- 7-	SPECIAL GUARDRAIL POST	EA	20.000		20.000
		0536- 73-	GUARDRAIL REMOVAL	LF	702.000	3638	702.000 3638
		0536- 85- 22	GUARDRAIL END ANCHORAGE ASSEMBLY/END TREATMENT- FLARED	EA	3.000		3.000
		0536- 85- 25	GUARDRAIL END ANCHORAGE ASSEMBLY/END TREATMENT- TYPE II	EA	4.000		4.000
		0536- 85- 26	GUARDRAIL END ANCHORAGE ASSEMBLY/END TREATMENT- TYPE CRT	EA	1.000		1.000
		0548- 12-	RETAINING WALL SYSTEM, PERMANENT, EXCLUDING BARRIER	SF	81355.000		81355.000
		0550- 10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	1118.000		1118.000
		0550- 60-235	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 20.1-24' OPENING	EA	1.000		1.000
		0563- 4-	ANTI-GRAFFITI COATING, NON-SACRIFICIAL	SF	25460.000		25460.000
		0570- 1- 1	PERFORMANCE TURF	SY	110392.000		110392.000
		0570- 1- 2	PERFORMANCE TURF, SOD	SY	128392.000	41285.000	169677.000
A		0591- 1- 43	IRRIGATION SLEEVE, 2" DIAMETER, PROJECT NUMBER 238275-2-52-01	LF	905.000	525.000	1430.000
A		0591- 1- 44	IRRIGATION SLEEVE, 4" DIAMETER, PROJECT NUMBER 238275-2-52-01	LF	1375.000	48.000	1423.000
A		0591- 1- 45	IRRIGATION SLEEVE, 6" DIAMETER, PROJECT NUMBER 238275-2-52-01	LF	170.000	743.000	913.000
		0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	18.000	11.006	29.006
		0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF		264.000	264.000
		0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	1.010 6.90		1.010 6.90

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REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
05/17/17	JLC 1 MODIFIED QUANTITY 591-1-43 & 591-1-44, ADDED 534-72-101 & 563-4	05/26/17	JLC 2 MODIFIED QUANTITY 536-1-1 & 548-12	ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	SUMMARY OF PAY ITEMS 2E
		08/11/17	SAS 3 MODIFIED QUANTITY 522-2 536-73 & 710-11-131					

FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
 PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE

0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	32.000	20.000	52.000
		0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	16.000	8.776	24.776
		0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF		141.000	141.000
		0999- 20- 1	DISPUTES REVIEW BOARD, MEETING- DO NOT BID	DA	14.000		14.000
		0999- 20- 2	DISPUTES REVIEW BOARD, HEARING- DO NOT BID	EA	3.000		3.000
		0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID 23827525201	LS	1.000 N		1.000
		0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID 23827535201	LS		1.000 N	1.000

VOID

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO. 2F
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
 PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE
 0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.170	0.132	0.302
		0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	32.000	20.000 29.000	52.000 61.000
		0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	16.000	8.776	24.776
		0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF		141.000	141.000
		751-42-	BAT ABODE	EA	1.000		1.000
		0999- 20- 1	DISPUTES REVIEW BOARD, MEETING- DO NOT BID	DA	14.000		14.000
		0999- 20- 2	DISPUTES REVIEW BOARD, HEARING- DO NOT BID	EA	3.000		3.000
		0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID 23827525201	LS	1.000 N		1.000
		0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID 23827535201	LS		1.000 N	1.000

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REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
08/11/17	SAS 3 REVISED QUANTITY ITEM 710-11-170, ADDED ITEM 751-42				SR 46	LAKE	238275-2-52-01	2F

SUMMARY OF PAY ITEMS

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
 PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE

0003 SUMMARY OF SIGNING

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF		791.000	791.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF		282.000	282.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA		7.000	7.000
		0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	89.000	35.000	124.000
		0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	20.000	8.000	28.000
		0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	8.000		8.000
		0700- 1- 31	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870, UP TO 12 SF	AS	1.000		1.000
		0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	7.000	4.000	11.000
		0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	89.000	24.000	113.000
		0700- 2- 12	MULTI- POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	1.000		1.000
		0700- 2- 13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	2.000		2.000
		0700- 2- 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS	2.000		2.000
		0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	1.000		1.000
		0700- 2- 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	1.000		1.000
		0700- 2- 18	MULTI- POST SIGN, F&I GROUND MOUNT, 301-400 SF	AS	2.000		2.000
		0700- 2- 50	MULTI- POST SIGN, F&I GROUND MOUNT, RELOCATE	AS		1.000	1.000
		0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	2.000		2.000
		0700- 3-207	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF	EA	1.000		1.000
		0700- 3-245	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF WITH LIGHTING, PROJECT 238275-2-52-01	EA	1.000		1.000
		0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	24.000		24.000
		0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000		1.000
		0700- 4-112	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT	EA	1.000		1.000
		0700- 4-114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA	1.000	1.000	2.000
		0705- 10- 1	OBJECT MARKER, TYPE 1	EA	6.000	2.000	8.000
		0705- 10- 4	OBJECT MARKER, TYPE 4	EA	7.000		7.000
		0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	23.000	8.000	31.000
		0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE 23827525201	LS	1.000		1.000
		0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE 23827535201	LS		1.000	1.000
		0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	1993.000	2185.000	4178.000
		0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	1480.000	45.000	1525.000
		0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	530.000	1269.000	1799.000
		0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	1.305	0.587	1.892
		0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	16.000	6.000	22.000
		0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	103.000	50.000	153.000
		0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	249.000	450.000	699.000

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS 2G
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 46	LAKE	238275-2-52-01	

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FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
 PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE

0003 SUMMARY OF SIGNING

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.332		0.332
		0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	803.000		803.000
		0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	38.000	26.000	64.000
		0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	38.000	26.000	64.000
		0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	4.548		4.548
		0711- 15-102	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 8"	GM	0.476		0.476
		0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	3.286		3.286
		0711- 15-133	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.356		0.356
		0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	2.600		2.600
		0711- 15-202	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES YELLOW, SOLID, 8"	GM	0.043		0.043
		0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	5.590	5.231	10.821
		0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.729	0.043	0.772
		0711- 16-131	THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	3.974	3.878	7.852
		0711- 16-133	THERMOPLASTIC, STANDARD-OTHER SURFACES WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.140		0.140
		0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	3.309	3.380	6.689
		0711- 16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM		0.046	0.046
M		0711- 17-	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS: NON-CONFLICTING ONLY	SF	110.000		110.000
		0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.108		0.108
		0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.104		0.104
		0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.104		0.104
		0715- 1- 11	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 10 OR <	LF		3204.000	3204.000
		0715- 5- 11	LUMINAIRE & BRACKET ARM, F&I, ALUMINUM	EA		2.000	2.000

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 46	LAKE		238275-2-52-01

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FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
 PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE

0004 SUMMARY OF LIGHTING

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	24525.000		24525.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	623.000		623.000
		0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	100.000		100.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	158.000		158.000
		0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	87625.000		87625.000
		0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	25824.000		25824.000
P		0715- 4-033	LIGHT POLE COMPLETE, F&I, SPECIAL FOUNDATION, WIND SPEED 110, POLE HEIGHT 50'	EA	11.000		11.000
		0715- 4-133	LIGHT POLE COMPLETE, F&I, WIND SPEED 110, POLE HEIGHT 50'	EA	114.000		114.000
		0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	1.000		1.000
		0715- 11-125	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT	EA	5.000		5.000
T		0715- 50-	LIGHTING, INSIDE BOX GIRDER 23827525201	LS	1.000		1.000
		0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA	119.000		119.000
		0715-500- 3	POLE CABLE DISTRIBUTION SYSTEM, WALL MOUNT	EA	12.000		12.000
T		0715-516-115	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, POLE TOP MOUNT, ALUMINUM, 15'	EA	4.000		4.000

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO. 21
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	ROAD NO. SR 46	COUNTY LAKE		

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FLORIDA DEPARTMENT OF TRANSPORTATION
PROPOSAL SUMMARY OF PAY ITEMS
FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE

0005 SUMMARY OF SIGNALIZATION

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	945.000	191.000	1136.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	198.000	483.000	681.000
		0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	717.000		717.000
		0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1.000	1.000	2.000
		0634- 4-153	SPAN WIRE ASSEMBLY, F&I, TWO POINT, BOX OR DROP BOX	PI		1.000	1.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	18.000	10.000	28.000
		0639- 1-121	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS	1.000	1.000	2.000
		0639- 1-610	ELECTRICAL POWER SERVICE, REMOVE OVERHEAD	AS		1.000	1.000
		0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	106.000	200.000	306.000
		0641- 2- 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA	1.000		1.000
		0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA		1.000	1.000
		0641- 2- 18	PRESTRESSED CONCRETE POLE, F&I, TYPE P-VIII	EA		4.000	4.000
		0641- 2- 70	PRESTRESSED CONCRETE POLE, SHALLOW POLE REMOVAL- POLE 30' AND GREATER	EA		2.000	2.000
		0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	8.000	5.000	13.000
		0649- 31-302	MAST ARM,F&I, WIND SPEED-110,SINGLE ARM,W/O LUMINAIRE-46	EA	1.000		1.000
		0649- 31-304	MAST ARM,F&I, WIND SPEED-110,SINGLE ARM,W/O LUMINAIRE-70.5	EA	1.000		1.000
		0650- 1- 14	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	15.000	10.000	25.000
		0650- 1- 16	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	4.000	4.000	8.000
		0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	8.000	8.000	16.000
		0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	1.000		1.000
		0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	6.000	4.000	10.000
P		0660- 4- 51	VEHICLE DETECTION SYSTEM- VIDEO, ADJUST/MODIFY CABINET EQUIPMENT	EA		1.000	1.000
P		0663- 1-110	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, COMPLETE SYSTEM	EA	1.000	2.000	3.000
		0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	8.000	8.000	16.000
		0670- 5-111	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION	AS	1.000	1.000	2.000
		0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS		1.000	1.000
P		0671- 2- 40	TRAFFIC CONTROLLER, MODIFY	EA		1.000	1.000
		0685- 1- 13	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE WITH CABINET	EA	1.000		1.000
		0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	6.000	6.000	12.000
		0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	6.000	6.000	12.000
		0695- 7-132	TRAFFIC MONITORING SITE CABINET, FURNISH & INSTALL, TYPE 3, PEDESTAL MOUNT	EA	1.000		1.000
		0695- 7-162	TRAFFIC MONITORING SITE CABINET, F&I, TYPE 3, 2 PANE BACK, PEDESTAL MOUNT	EA		1.000	1.000

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 2J
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	

SUMMARY OF PAY ITEMS

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01	DISTRICT : 05	COUNTY/SECTION : 11130000
PROJECT(S) : 23827525201, 23827535201	COUNTY : LAKE	

0005 SUMMARY OF SIGNALIZATION

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0695- 7-600	TRAFFIC MONITORING SITE CABINET, REMOVE EXISTING CABINET	EA		1.000	1.000
		0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	6.000	1.000	7.000
		0700- 5- 50	INTERNALLY ILLUMINATED SIGN, RELOCATE	EA		3.000	3.000

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO. 2K
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

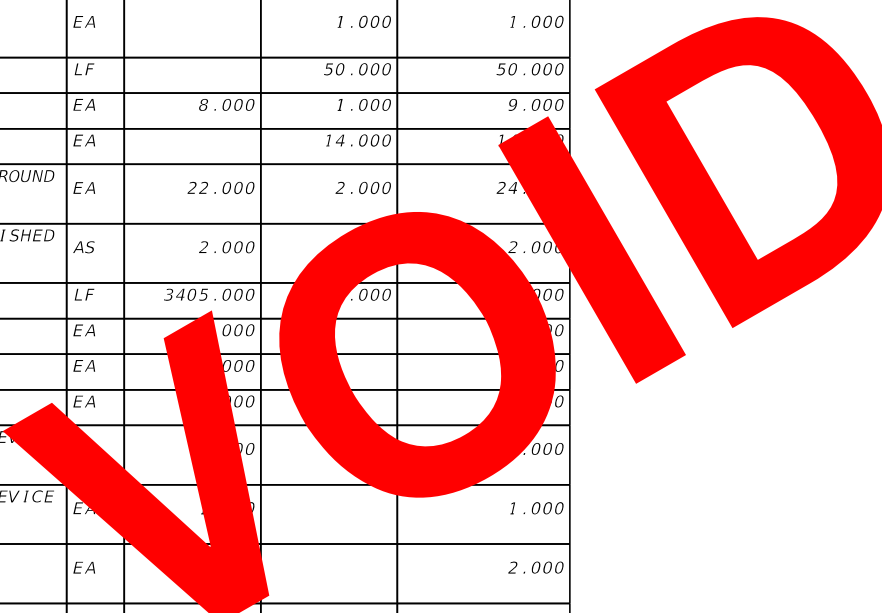
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FLORIDA DEPARTMENT OF TRANSPORTATION
 PROPOSAL SUMMARY OF PAY ITEMS
 FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
 PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE

0006 SUMMARY OF INTELLIGENT TRANSPORTATION SYSTEM

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	12225.000	5206.000	17431.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF		921.000	921.000
		0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF		30.000	30.000
		0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	260.000	120.000	380.000
		0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	13045.000	7187.000	20232.000
		0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	192.000	90.000	282.000
		0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	216.000		216.000
		0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	8.000	2.000	10.000
		0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	8.000	9.000	17.000
		0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	4.000	1.000	5.000
		0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA		1.000	1.000
T		0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF		50.000	50.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	8.000	1.000	9.000
		0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA		14.000	14.000
		0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	22.000	2.000	24.000
		0639- 1-121	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS	2.000		2.000
		0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	3405.000		3405.000
		0639- 3- 12	ELECTRICAL SERVICE DISCONNECT, F&I, CABINET	EA	1.000		1.000
		0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	1.000		1.000
		0641- 2- 13	PRESTRESSED CONCRETE POLE, F&I, TYPE P-III	EA	1.000		1.000
		0641- 3-163	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 63'	EA	1.000		1.000
		0641- 3-175	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 75'	EA	1.000		1.000
		0660- 3- 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA			2.000
		0660- 3- 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	2.000		2.000
		0676- 2-111	ITS CABINET, FURNISH & INSTALL, POLE MOUNT, 336, 24" W X 36" H X 20" D	EA	3.000		3.000
		0682- 1-113	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION	EA	2.000	1.000	3.000
		0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	3.000	1.000	4.000
		0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	4.000		4.000
		0684- 3- 11	DIGITAL VIDEO ENCODER WITH SOFTWARE DECODER FURNISH & INSTALL HARDENED ENCODER	EA	2.000		2.000
		0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	3.000		3.000



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO. 2L
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPOSAL SUMMARY OF PAY ITEMS
FOR PROPOSAL: T5589

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
PROJECT(S) : 23827525201, 23827535201 COUNTY : LAKE

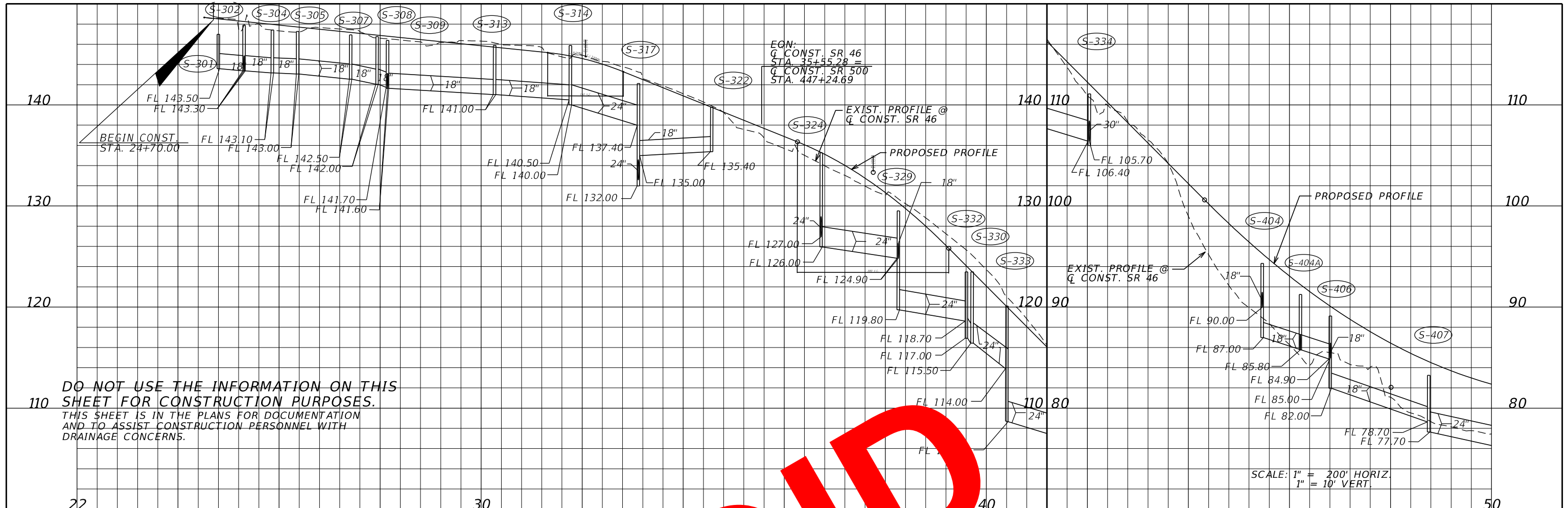
0006 SUMMARY OF INTELLIGENT TRANSPORTATION SYSTEM

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201	23827535201	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	12225.000	5206.000	17431.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF		921.000	921.000
		0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF		30.000	30.000
		0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND, 2-12 FIBERS	LF	260.000	120.000	380.000
		0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND, 49-96 FIBERS	LF	13045.000	7187.000	20232.000
		0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	192.000	90.000	282.000
		0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	216.000		216.000
		0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	8.000	2.000	10.000
		0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	8.000	9.000	17.000
		0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	4.000	1.000	5.000
		0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA		1.000	1.000
T		0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF		50.000	50.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	8.000	1.000	9.000
		0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA		14.000	14.000
		0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	22.000	2.000	24.000
		0639- 1-121	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS	2.000		2.000
		0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	3405.000 1135.000	50.000	3455.000 1185.000
		0639- 3- 12	ELECTRICAL SERVICE DISCONNECT, F&I, CABINET	EA	3.000		3.000
		0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2.000		2.000
		0641- 2- 13	PRESTRESSED CONCRETE POLE, F&I, TYPE P-III	EA	1.000		1.000
		0641- 3-163	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 63'	EA	1.000		1.000
		0641- 3-175	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 75'	EA	1.000		1.000
		0660- 3- 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	2.000		2.000
		0660- 3- 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	2.000		2.000
		0676- 2-111	ITS CABINET, FURNISH & INSTALL, POLE MOUNT, 336, 24" W X 36" H X 20" D	EA	3.000		3.000
		0682- 1-113	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION	EA	2.000	1.000	3.000
		0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	3.000	1.000	4.000
		0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	4.000		4.000
		0684- 3- 11	DIGITAL VIDEO ENCODER WITH SOFTWARE DECODER FURNISH & INSTALL HARDENED ENCODER	EA	2.000		2.000
		0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	3.000		3.000

3

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 2L
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
08/11/17	SAS 3 MODIFIED QUANTITY ITEM 639-2-1			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	SUMMARY OF PAY ITEMS

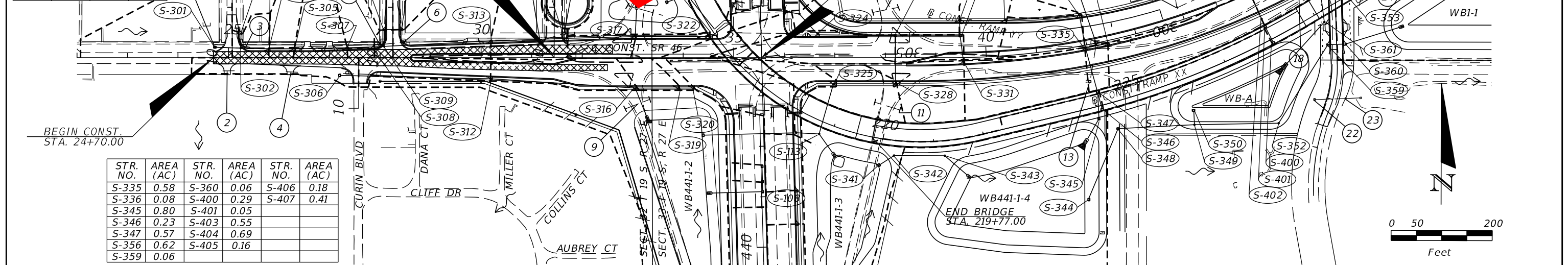
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES.
 THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

SCALE: 1" = 200' HORIZ.
 1" = 10' VERT.

STR. NO.	AREA (AC)	STR. NO.	AREA (AC)
S-301	0.95	S-319	0.11
S-303	0.66	S-320	0.04
S-304	0.12	S-322	0.12
S-305	0.42	S-323	0.05
S-306	0.28	S-324	0.15
S-307	0.45	S-325	0.13
S-308	0.24	S-328	0.32
S-310	0.58	S-329	0.27
S-311	0.70	S-330	1.46
S-312	0.25	S-331	0.38
S-313	0.97	S-332	0.18
S-314	0.57	S-333	0.18
S-315	0.89	S-334	0.27
S-316	0.34		
S-317	0.16		



STR. NO.	AREA (AC)	STR. NO.	AREA (AC)	STR. NO.	AREA (AC)
S-335	0.58	S-360	0.06	S-406	0.18
S-336	0.08	S-400	0.29	S-407	0.41
S-345	0.80	S-401	0.05		
S-346	0.23	S-403	0.55		
S-347	0.57	S-404	0.69		
S-356	0.62	S-405	0.16		
S-359	0.06				

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

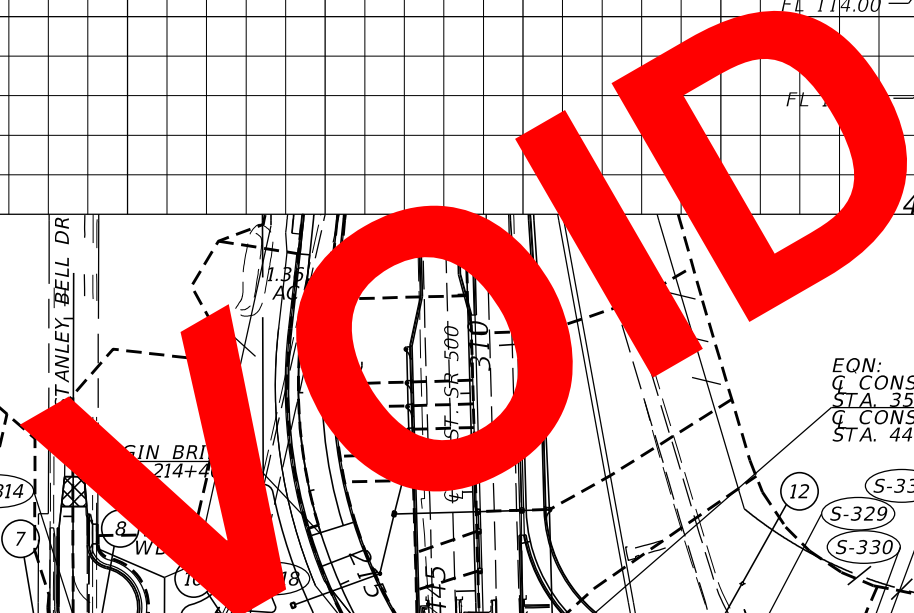
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

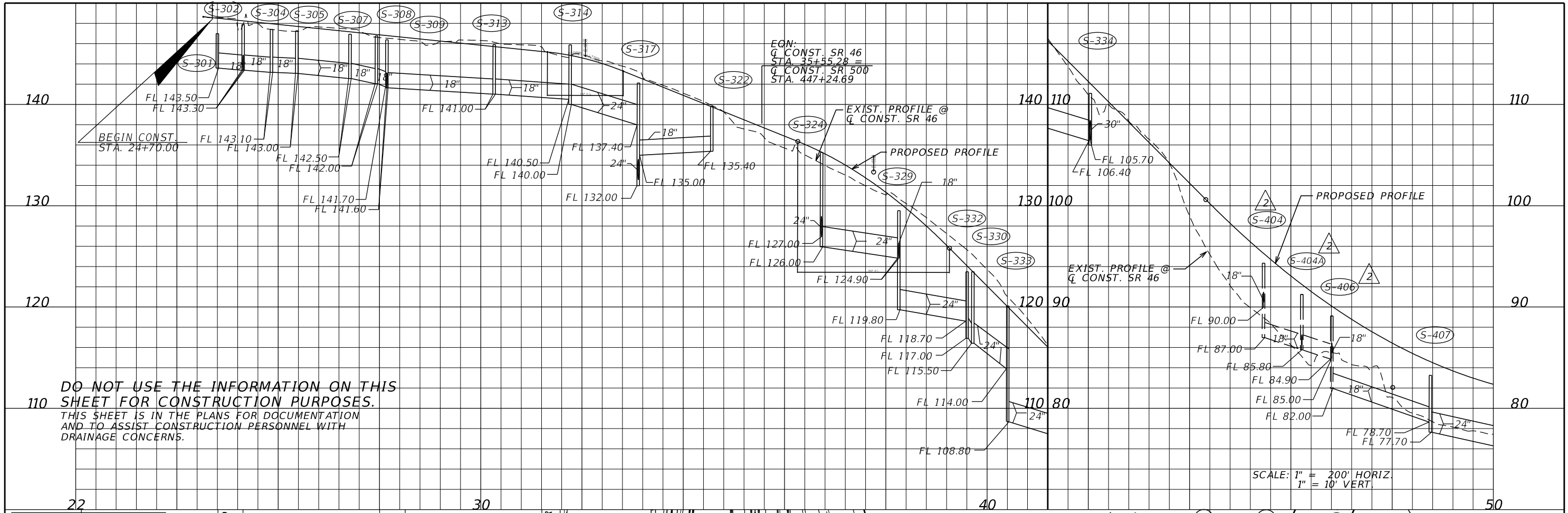
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE MAP
SR 46

SHEET NO. 3



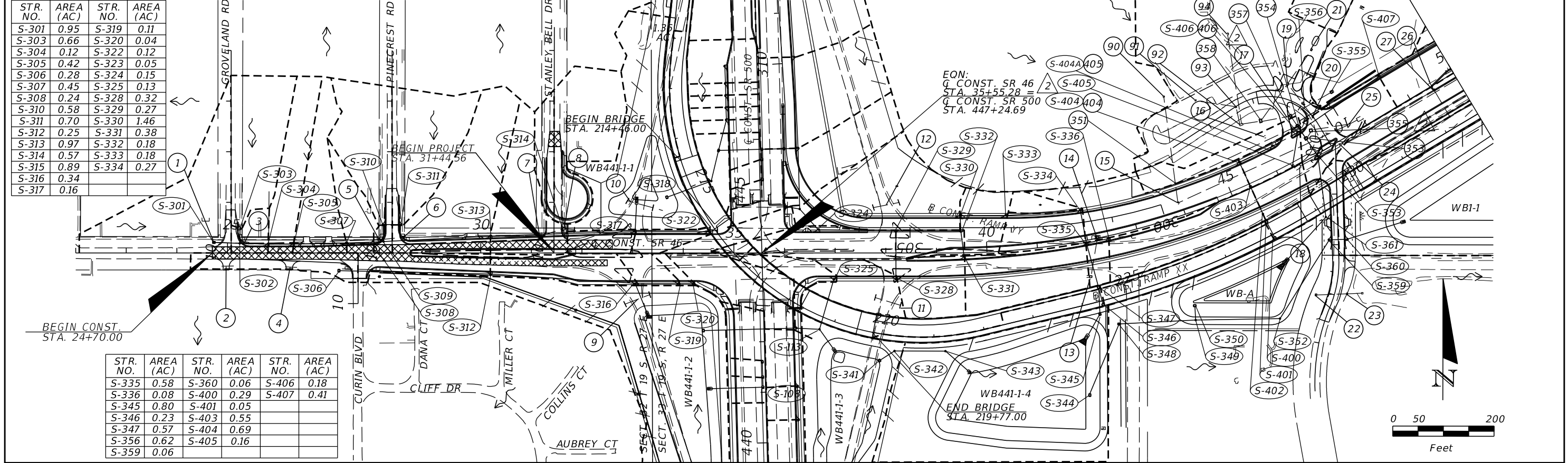
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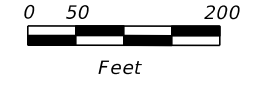
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SCALE: 1" = 200' HORIZ.
 1" = 10' VERT.

STR. NO.	AREA (AC)	STR. NO.	AREA (AC)
S-301	0.95	S-319	0.11
S-303	0.66	S-320	0.04
S-304	0.12	S-322	0.12
S-305	0.42	S-323	0.05
S-306	0.28	S-324	0.15
S-307	0.45	S-325	0.13
S-308	0.24	S-328	0.32
S-310	0.58	S-329	0.27
S-311	0.70	S-330	1.46
S-312	0.25	S-331	0.38
S-313	0.97	S-332	0.18
S-314	0.57	S-333	0.18
S-315	0.89	S-334	0.27
S-316	0.34		
S-317	0.16		



STR. NO.	AREA (AC)	STR. NO.	AREA (AC)	STR. NO.	AREA (AC)
S-335	0.58	S-360	0.06	S-406	0.18
S-336	0.08	S-400	0.29	S-407	0.41
S-345	0.80	S-401	0.05		
S-346	0.23	S-403	0.55		
S-347	0.57	S-404	0.69		
S-356	0.62	S-405	0.16		
S-359	0.06				



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
5/26/17	JLC Δ EXISTING DRAINAGE CHANGES		

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

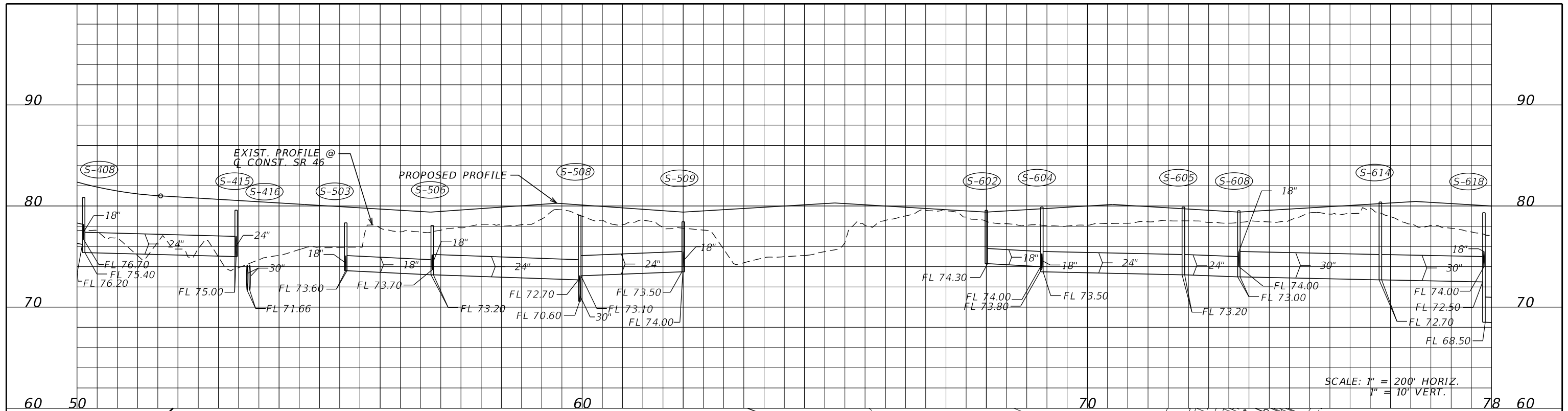
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

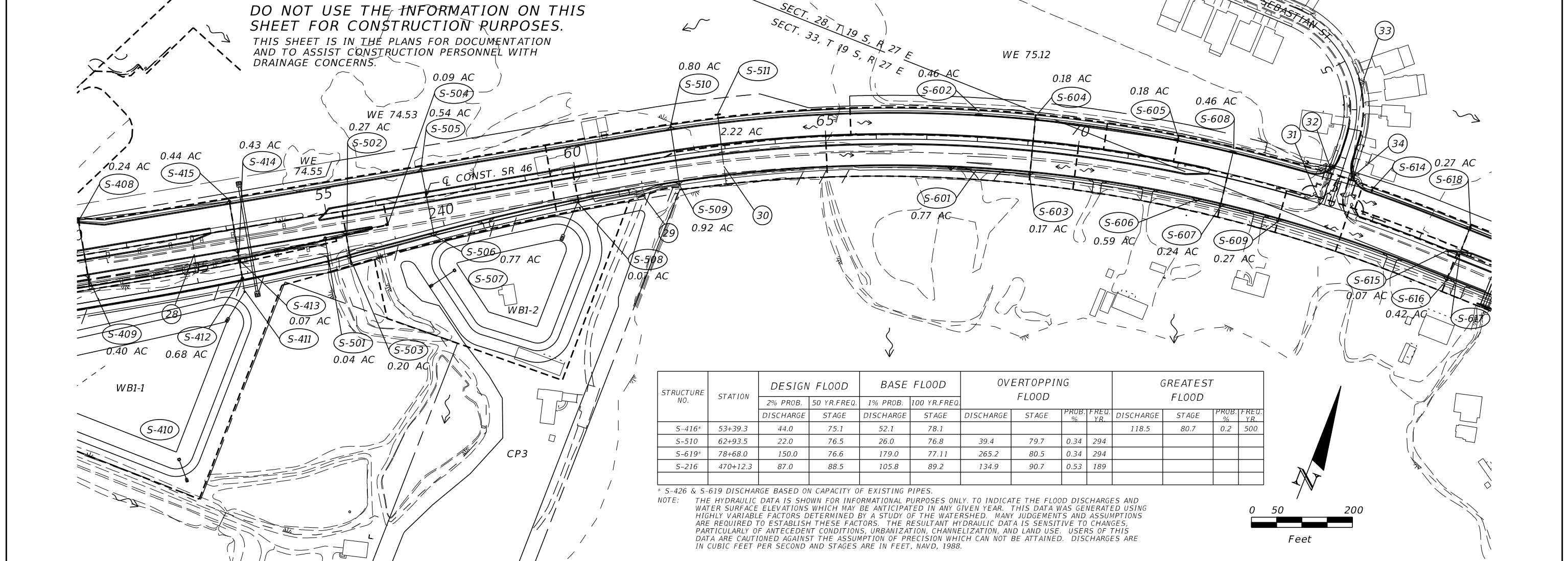
DRAINAGE MAP
SR 46

SHEET NO. 3

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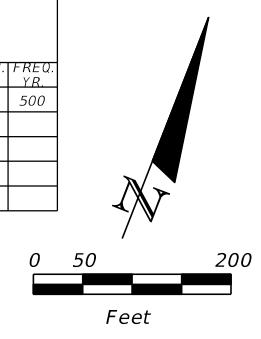
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STRUCTURE NO.	STATION	DESIGN FLOOD		BASE FLOOD		OVERTOPPING FLOOD				GREATEST FLOOD			
		2% PROB. DISCHARGE	50 YR.FREQ. STAGE	1% PROB. DISCHARGE	100 YR.FREQ. STAGE	DISCHARGE	STAGE	PROB. %	FREQ. YR.	DISCHARGE	STAGE	PROB. %	FREQ. YR.
S-416*	53+39.3	44.0	75.1	52.1	78.1					118.5	80.7	0.2	500
S-510	62+93.5	22.0	76.5	26.0	76.8	39.4	79.7	0.34	294				
S-619*	78+68.0	150.0	76.6	179.0	77.11	265.2	80.5	0.34	294				
S-216	470+12.3	87.0	88.5	105.8	89.2	134.9	90.7	0.53	189				

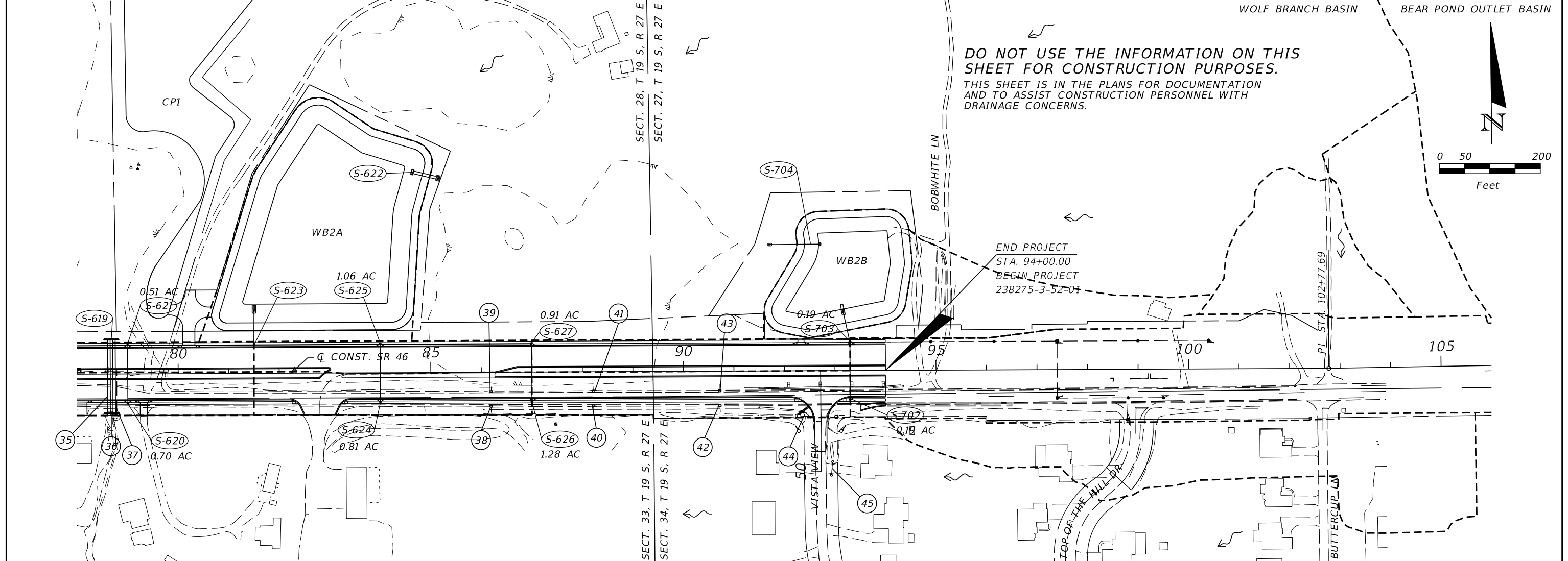
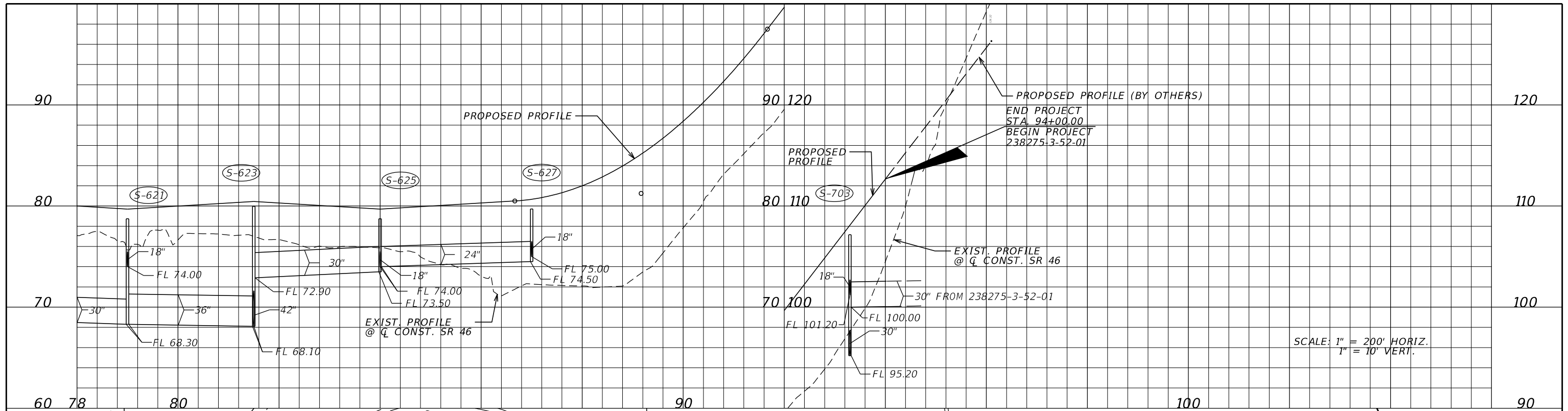
* S-426 & S-619 DISCHARGE BASED ON CAPACITY OF EXISTING PIPES.

NOTE: THE HYDRAULIC DATA IS SHOWN FOR INFORMATIONAL PURPOSES ONLY. TO INDICATE THE FLOOD DISCHARGES AND WATER SURFACE ELEVATIONS WHICH MAY BE ANTICIPATED IN ANY GIVEN YEAR. THIS DATA WAS GENERATED USING HIGHLY VARIABLE FACTORS DETERMINED BY A STUDY OF THE WATERSHED. MANY JUDGEMENTS AND ASSUMPTIONS ARE REQUIRED TO ESTABLISH THESE FACTORS. THE RESULTANT HYDRAULIC DATA IS SENSITIVE TO CHANGES, PARTICULARLY OF ANTECEDENT CONDITIONS, URBANIZATION, CHANNELIZATION, AND LAND USE. USERS OF THIS DATA ARE CAUTIONED AGAINST THE ASSUMPTION OF PRECISION WHICH CAN NOT BE ATTAINED. DISCHARGES ARE IN CUBIC FEET PER SECOND AND STAGES ARE IN FEET, NAVD, 1988.



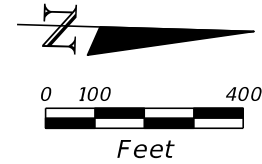
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE MAP SR 46	SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01		

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REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE MAP SR 46	SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01		

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BEGIN CONST.
STA. 403+85.82

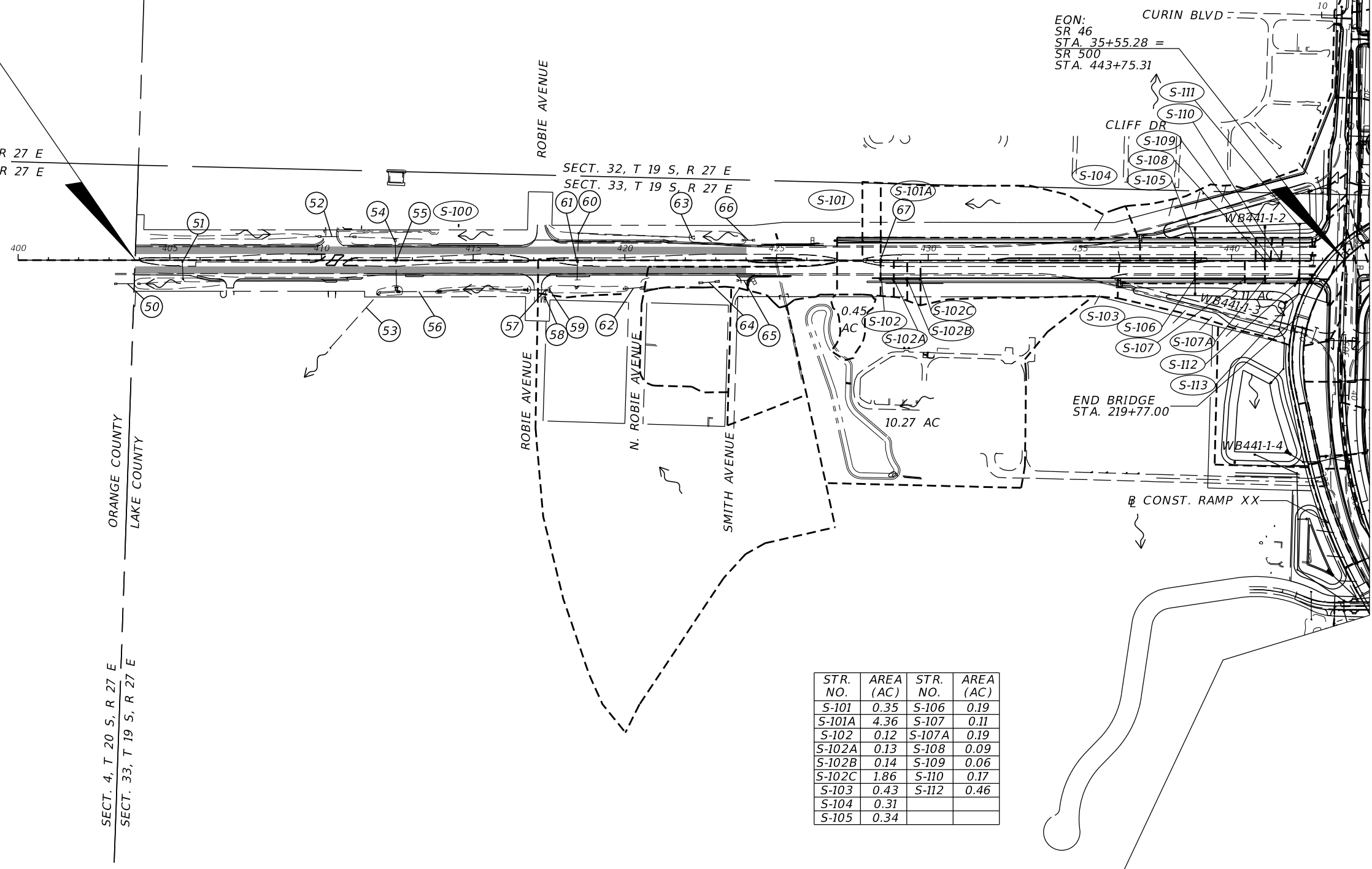
SECT. 5, T 20 S, R 27 E
SECT. 4, T 20 S, R 27 E

SECT. 5, T 20 S, R 27 E
SECT. 32, T 19 S, R 27 E

SECT. 32, T 19 S, R 27 E
SECT. 33, T 19 S, R 27 E

EQN:
SR 46
STA. 35+55.28 =
SR 500
STA. 443+75.31

Q CONST. SR 46



STR. NO.	AREA (AC)	STR. NO.	AREA (AC)
S-101	0.35	S-106	0.19
S-101A	4.36	S-107	0.11
S-102	0.12	S-107A	0.19
S-102A	0.13	S-108	0.09
S-102B	0.14	S-109	0.06
S-102C	1.86	S-110	0.17
S-103	0.43	S-112	0.46
S-104	0.31		
S-105	0.34		

ORANGE COUNTY
LAKE COUNTY

END BRIDGE
STA. 219+77.00

B CONST. RAMP XX

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

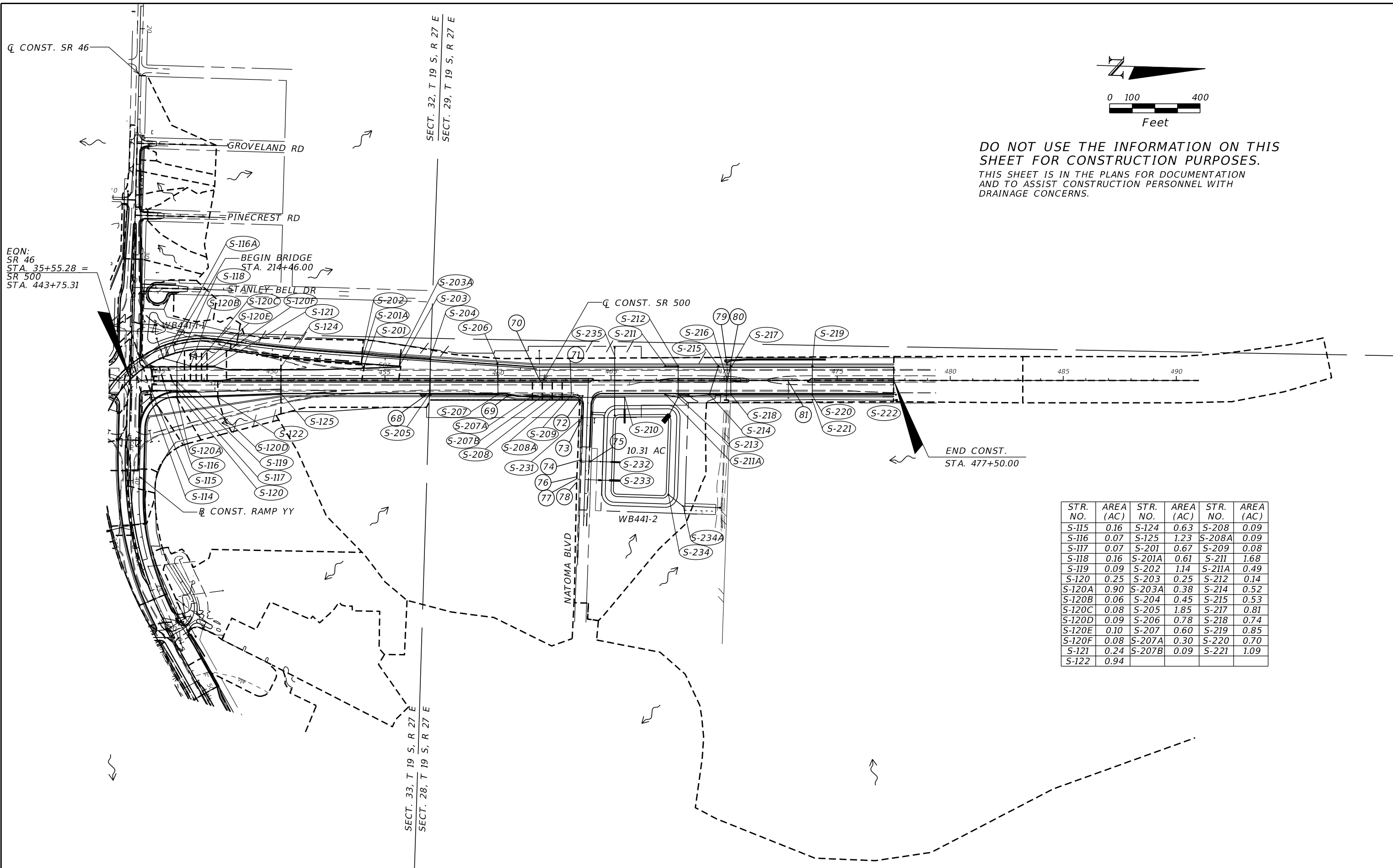
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

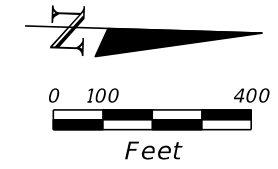
DRAINAGE MAP
SR 500

SHEET NO.
6

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



EQN:
SR 46
STA. 35+55.28 =
SR 500
STA. 443+75.31



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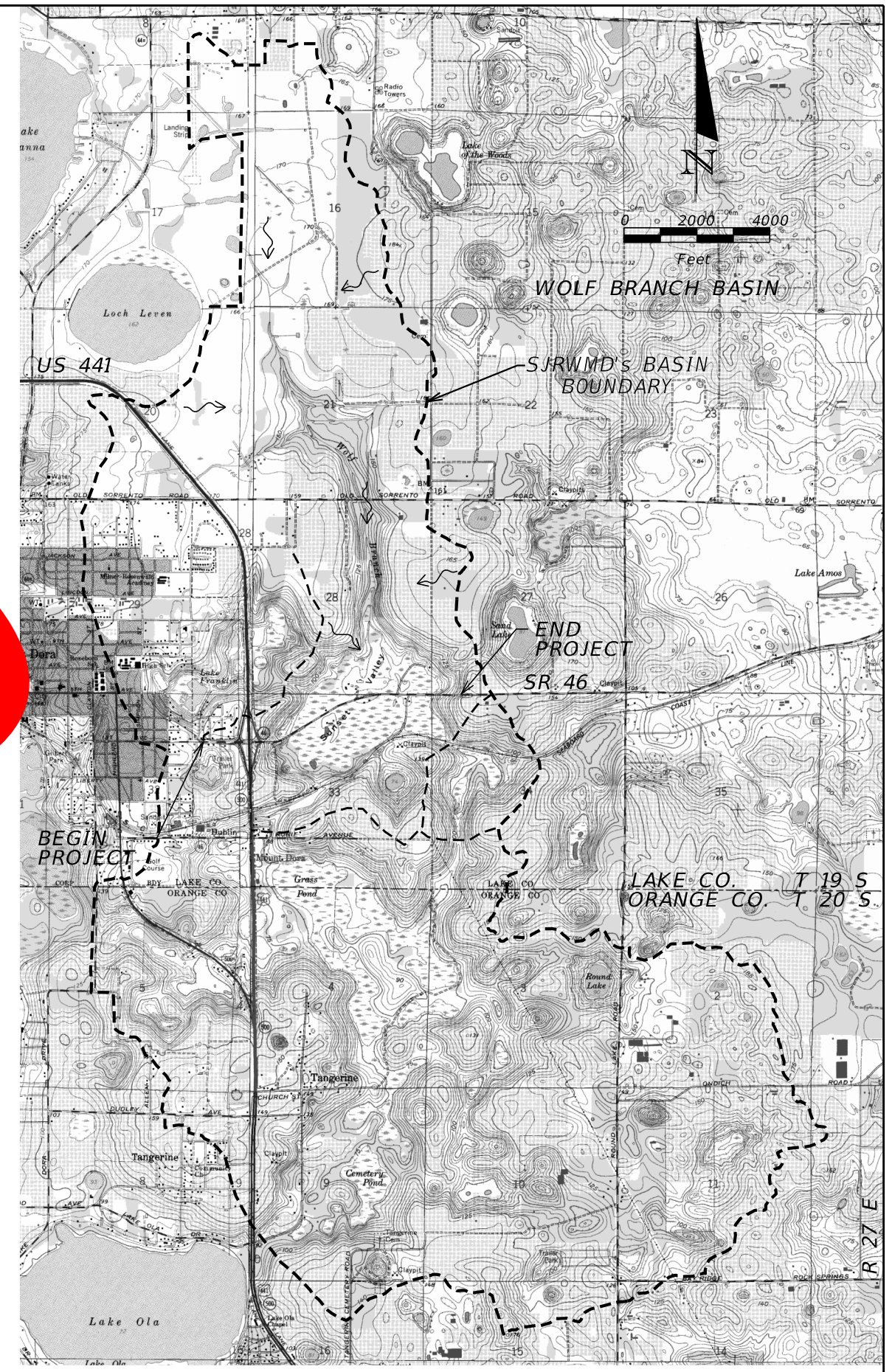
STR. NO.	AREA (AC)	STR. NO.	AREA (AC)	STR. NO.	AREA (AC)
S-115	0.16	S-124	0.63	S-208	0.09
S-116	0.07	S-125	1.23	S-208A	0.09
S-117	0.07	S-201	0.67	S-209	0.08
S-118	0.16	S-201A	0.61	S-211	1.68
S-119	0.09	S-202	1.14	S-211A	0.49
S-120	0.25	S-203	0.25	S-212	0.14
S-120A	0.90	S-203A	0.38	S-214	0.52
S-120B	0.06	S-204	0.45	S-215	0.53
S-120C	0.08	S-205	1.85	S-217	0.81
S-120D	0.09	S-206	0.78	S-218	0.74
S-120E	0.10	S-207	0.60	S-219	0.85
S-120F	0.08	S-207A	0.30	S-220	0.70
S-121	0.24	S-207B	0.09	S-221	1.09
S-122	0.94				

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE MAP SR 500	SHEET NO. 7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01		

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- ① DBI
15" RCP
FL 143.79 W
FL 143.55 E
- ② 18" CMP
FL 144.41 W
FL 144.33 E
- ③ INLET
18" RCP
FL 143.46 W
FL 142.12 E
- ④ 18" CMP
FL 144.14 W
FL 144.07 E
- ⑤ INLET
18" RCP
FL 142.06 W
FL 141.91 E
- ⑥ INLET
18" RCP
FL 141.88 W
FL 141.06 E
- ⑦ INLET
18" RCP
FL 140.98 W
FL 140.83 E
- ⑧ INLET
18" RCP
FL 140.90 W
FL 140.60 E (EW)
- ⑨ 24" RCP
FL 137.27 W (EW)
FL 136.93 E (EW)
- ⑩ 24" RCP
FL 137.22 W (EW)
FL 137.08 E (EW)
- ⑪ 24" RCP
FL 125.36 W (EW)
FL 124.64 E (EW)
- ⑫ 24" RCP
FL 124.75 W (EW)
FL 124.46 E (EW)
- ⑬ DBI
24" RCP
FL 105.24 S
FL 104.05 N
- ⑭ DBI
42" RCP
FL 103.35 W
FL 102.98 E (MES)
- ⑮ MH
24" RCP
FL 85.92 W
FL 78.31 E
- ⑯ CTRL STR
GRATE EL. 88.30
WEIR EL. 87.80
36" RCP
FL 82.74 W
FL 79.16 E
- ⑰ 18" RCP
FL 80.15 W (MES)
FL 86.27 E (MES)
- ⑱ 30" RCP
FL 82.27 W (MES)
FL 78.01 E
- ⑲ MH
18" RCP
FL 76.89 SW (MES)
FL 77.30 NE
- ⑳ DBI
18" RCP
FL 78.29 S
FL 77.44 N
- ㉑ DBI
18" RCP
FL 84.16 NE
FL 71.64 SW
- ㉒ DBI
15"x21" CMP
FL 74.54 W
FL 74.61 E
- ㉓ DBI
30" CMP
FL 74.18 W
FL 74.08 E (MES)
- ㉔ MH
36" RCP
FL 77.93 SW
FL 72.45 NE
- ㉕ MH
36" RCP
FL 78.25 SW
FL 77.86 NE (MES)
- ㉖ 24" RCP
FL 73.77 NW (BURIED)
FL 72.46 SE
- ㉗ MH
24" RCP
FL 72.57 NW
FL 71.59 SE (BURIED)
- ㉘ 24" RCP
FL 72.40 N (MES)
FL 72.29 S (MES)
- ㉙ 6" PVC
FL 77.31 W
FL 76.87 E
- ㉚ 24" RCP
FL 73.54 N (EW)
FL 73.42 S (EW)
- ㉛ INLET
18" RCP
FL 73.30 S
FL 73.65 N
- ㉜ INLET
36" RCP
FL 73.68 E
FL 73.53 W (EW)
- ㉝ INLET
15" RCP
FL 73.84 S
FL 73.52 N
- ㉞ INLET
15" RCP
FL 73.79 S
FL 73.51 E
- ㉟ INLET
15" RCP
FL 75.36 N
FL 74.70 S
- ㊱ INLET
15" RCP
FL 73.84 S
FL 73.52 N
- ㊲ INLET
15" RCP
FL 84.87 N
FL 84.44 S
- ㊳ INLET
15" RCP
FL 85.39 S
FL 83.92 N
- ㊴ 19"x30" RCP
FL 100.79 E (MES)
FL 96.94 W (MES)
- ㊵ 15" CMP
FL 108.28 S (MES)
FL 107.29 N (MES)
- ㊶ 18" CMP
FL 75.28 S (MES)
FL 75.29 N (MES)
- ㊷ DBI
18" RCP
FL 75.79 W
FL 75.61 E (EW)
- ㊸ 24" RCP
FL 76.36 N (MES)
FL 76.73 S (MES)
- ㊹ MH
36" RCP
FL 77.98 N
FL 74.70 S
- ㊺ INLET
36" RCP
FL 73.43 E
FL 73.55 W
- ㊻ 36" RCP
FL 72.54 N
FL 72.44 S
- ㊼ 36" RCP
FL 72.37 N
FL 72.41 S
- ㊽ 36" RCP
FL 73.08 N
FL 72.50 S
- ㊾ INLET
15" RCP
FL 75.53 N (MES)
FL 75.02 W
- ㊿ 30" RCP
FL 72.67 N (EW)
FL 72.53 S
- 1 DBI
30" RCP
FL 72.75 W
FL 72.81 E (EW)
- 2 24" CMP
FL 79.88 N
FL 77.69 S
- 3 24" CMP
FL 90.87 N
FL 82.65 S
- 4 18" CMP
FL 92.5 N
FL 90.70
- 5 18" CMP
FL 98.97 N (MES)
FL 97.08 S (MES)
- 6 24" CMP
FL 100.04 N (MES)
FL 99.07 S (MES)
- 7 DBI
18" RCP
FL 112.44 W
FL 112.26 E (EW)
- 8 24" CMP
FL 123.47 S (MES)
FL 121.74 N (MES)
- 9 DBI
18" RCP
FL 106.66 S
FL 95.76 N
- 10 MH
36" RCP
FL 69.77 E
FL 71.11 W (MES)
- 11 24" RCP
FL 75.43 W (MES)
FL 75.16 E
- 12 DBI
24" RCP
FL 74.90 W
FL 72.30 E (EW)
- 13 30" RCP
FL 71.28 N (MES)
FL 70.85 S (MES)
- 14 MH
30" RCP
FL 72.53 N
FL 72.49 S (EW)
- 15 18" RCP
FL 75.53 E (MES)
FL 75.02 W
- 16 30" RCP
FL 72.67 N (EW)
FL 72.53 S
- 17 DBI
30" RCP
FL 73.44 W
FL 72.72 E
- 18 DBI
30" RCP
FL 72.75 W
FL 72.81 E (EW)
- 19 24" CMP
FL 79.88 N
FL 77.69 S
- 20 24" CMP
FL 90.87 N
FL 82.65 S
- 21 18" CMP
FL 98.97 N (MES)
FL 97.08 S (MES)
- 22 24" CMP
FL 100.04 N (MES)
FL 99.07 S (MES)
- 23 DBI
18" RCP
FL 112.44 W
FL 112.26 E (EW)
- 24 24" CMP
FL 123.47 S (MES)
FL 121.74 N (MES)
- 25 DBI
18" RCP
FL 106.66 S
FL 95.76 N
- 26 DBI
18" RCP
FL 100.42 E
FL 84.87 W (EW)
- 27 DBI
18" RCP
FL 95.62 S
FL 94.37 N
- 28 MH
18" RCP
FL 94.02 W
FL 84.93 E
- 29 INLET
18" RCP
FL 84.82 W
FL 79.01 E
- 30 INLET
36" RCP
FL 77.94 S
FL 77.84 N
- 31 INLET
18" RCP
FL 79.13 S
FL 79.20 N (EW)
- 32 DBI
24" RCP
FL 78.66 W
FL 78.61 E
- 33 DBI
36" RCP
FL N/A S
FL 78.61 N (EW)
- 34 DBI
24" RCP
FL 78.78 E
FL 78.65 W
- 35 48" RCP
FL 82.81 W
FL 82.65 S
- 36 DBI
48" RCP
FL 82.65 W
FL 82.47 E (EW)
- 37 DBI
18" RCP
FL 85.16 W
FL 83.16 E (EW)
- 38 DBI
24" RCP
FL 93.18 N
FL 85.40 S
- 39 DBI
15" RCP
FL 88.80 NW
FL 86.93 SE
- 40 DBI
36" RCP
FL 78.87 N
FL 78.47 S (MES)
- 41 MH
24" RCP
FL 89.56 N
FL 85.47 S
- 42 DBI
36" RCP
FL 78.87 N
FL 78.47 S (MES)

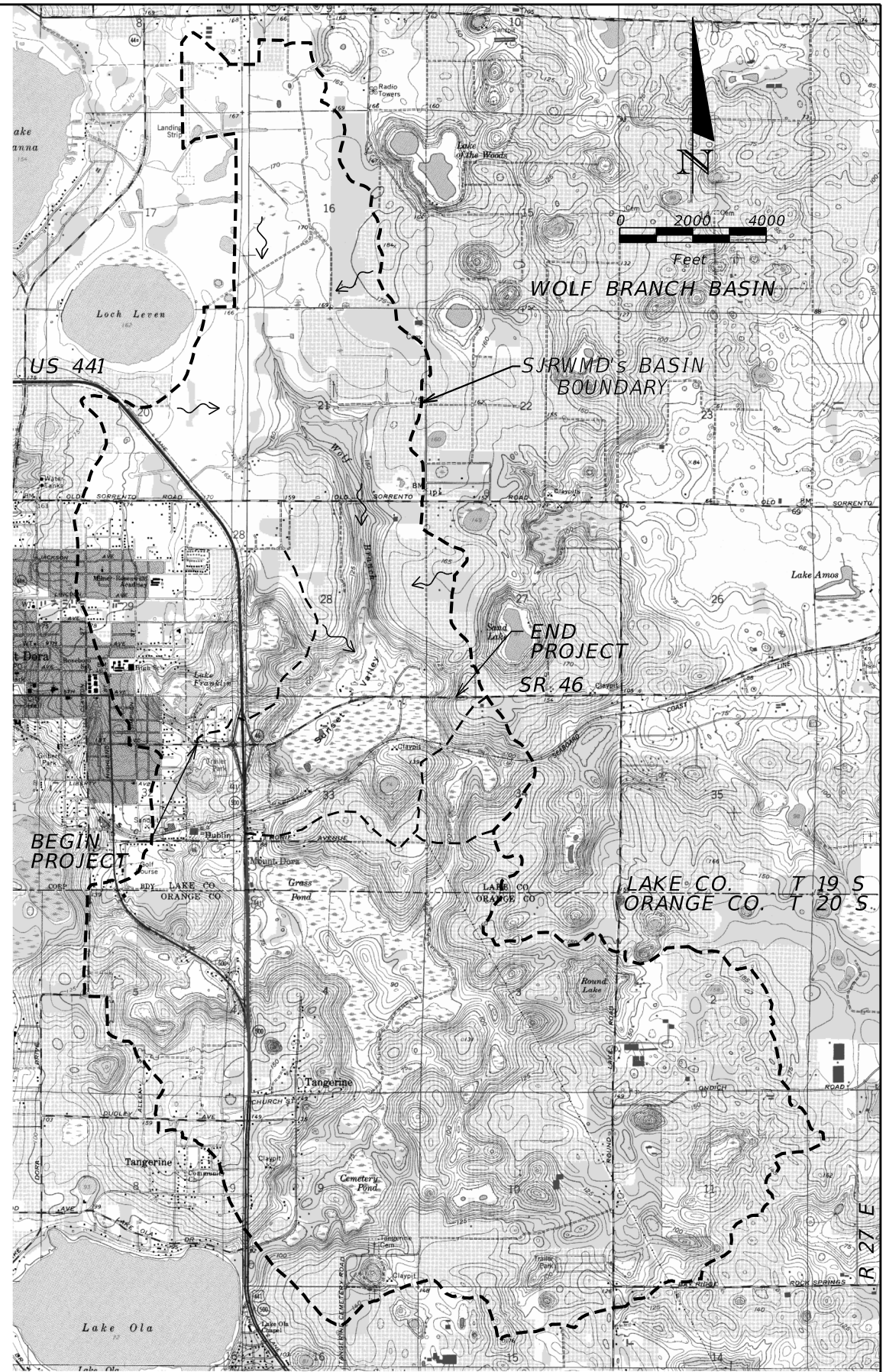
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REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	DRAINAGE MAP 8

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

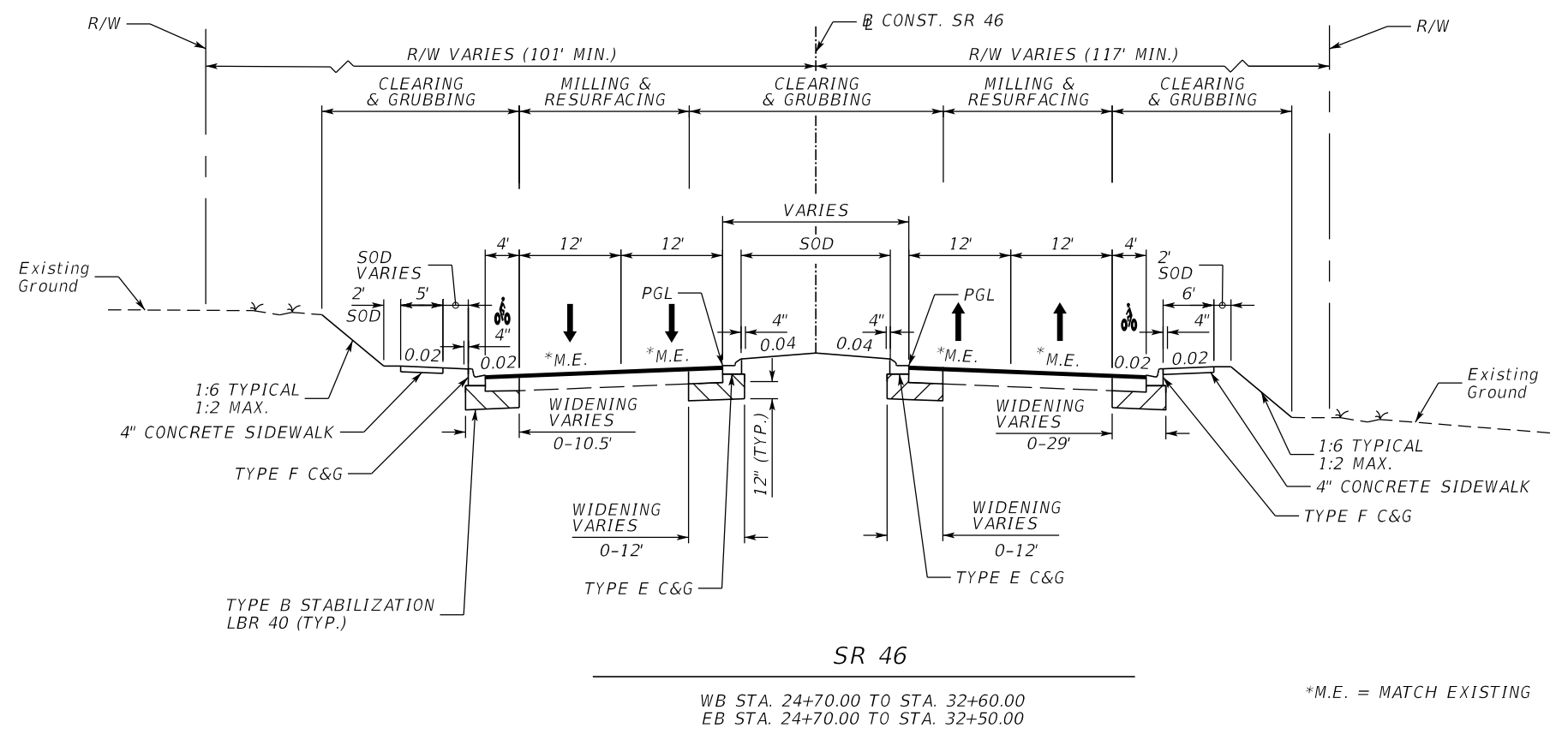
- ① DBI
15" RCP
FL 143.79 W
FL 143.55 E
- ② 18" CMP
FL 144.41 W
FL 144.33 E
- ③ INLET
18" RCP
FL 143.46 W
FL 142.12 E
- ④ 18" CMP
FL 144.14 W
FL 144.07 E
- ⑤ INLET
18" RCP
FL 142.06 W
FL 141.91 E
- ⑥ INLET
18" RCP
FL 141.88 W
FL 141.06 E
- ⑦ INLET
18" RCP
FL 140.98 W
FL 140.83 E
- ⑧ INLET
18" RCP
FL 140.90 W
FL 140.60 E (EW)
- ⑨ 24" RCP
FL 137.27 W (EW)
FL 136.93 E (EW)
- ⑩ 24" RCP
FL 137.22 W (EW)
FL 137.08 E (EW)
- ⑪ 24" RCP
FL 125.36 W (EW)
FL 124.64 E (EW)
- ⑫ 24" RCP
FL 124.75 W (EW)
FL 124.46 E (EW)
- ⑬ DBI
24" RCP
FL 105.24 S
FL 104.05 N
- ⑭ DBI
42" RCP
FL 103.35 W
FL 102.98 E (MES)
- ⑮ MH
24" RCP
FL 85.92 W
FL 78.31 E
- ⑯ CTRL STR
GRATE EL. 88.30
WEIR EL. 87.80
36" RCP
FL 82.74 W
FL 79.16 E
- ⑰ 18" RCP
FL 80.15 W (MES)
FL 86.27 E (MES)
- ⑱ 30" RCP
FL 82.27 W (MES)
FL 78.01 E
- ⑲ MH
18" RCP
FL 76.89 SW (MES)
FL 77.30 NE
- ⑳ DBI
18" RCP
FL 78.29 S
FL 77.44 N
- ㉑ DBI
18" RCP
FL 84.16 NE
FL 71.64 SW
- ㉒ DBI
15"x21" CMP
FL 74.54 W
FL 74.61 E
- ㉓ DBI
30" CMP
FL 74.18 W
FL 74.08 E (MES)
- ㉔ MH
36" RCP
FL 77.93 SW
FL 72.45 NE
- ㉕ MH
36" RCP
FL 78.25 SW
FL 77.86 NE (MES)
- ㉖ 24" RCP
FL 73.77 NW (BURIED)
FL 72.46 SE
- ㉗ MH
24" RCP
FL 72.57 NW
FL 71.59 SE (BURIED)
- ㉘ 24" RCP
FL 72.40 N (MES)
FL 72.29 S (MES)
- ㉙ 6" PVC
FL 77.31 W
FL 76.87 E
- ㉚ 24" RCP
FL 73.54 N (EW)
FL 73.42 S (EW)
- ㉛ INLET
18" RCP
FL 73.30 S
FL 73.65 N
- ㉜ INLET
36" RCP
FL 73.68 E
FL 73.53 W (EW)
- ㉝ INLET
24" RCP
FL 76.36 N (MES)
FL 76.73 S (MES)
- ㉞ INLET
36" RCP
FL 73.43 E
FL 73.55 W
- ㉟ 36" RCP
FL 72.37 N
FL 72.41 S
- ㊱ 36" RCP
FL 72.30 N
FL 72.44 S
- ㊲ 36" RCP
FL 73.08 N
FL 72.50 S
- ㊳ INLET
15" RCP
FL 74.06 N
FL 73.65 S
- ㊴ INLET
15" RCP
FL 73.79 S
FL 73.51 E
- ㊵ INLET
15" RCP
FL 75.36 N
FL 74.70 S
- ㊶ INLET
15" RCP
FL 73.84 S
FL 73.52 N
- ㊷ INLET
15" RCP
FL 84.87 N
FL 84.44 S
- ㊸ INLET
15" RCP
FL 85.39 S
FL 83.92 N
- ㊹ 19"x30" RCP
FL 100.79 E (MES)
FL 96.94 W (MES)
- ㊺ 15" CMP
FL 108.28 S (MES)
FL 107.29 N (MES)
- ㊻ 18" CMP
FL 75.28 S (MES)
FL 75.29 N (MES)
- ㊼ DBI
18" RCP
FL 75.79 W
FL 75.61 E (EW)
- ㊽ 24" RCP
FL 76.36 N (MES)
FL 76.73 S (MES)
- ㊾ MH
36" RCP
FL 69.77 E
FL 71.11 W (MES)
- ㊿ 24" RCP
FL 75.43 W (MES)
FL 75.16 E
- ① DBI
24" RCP
FL 72.30 W
FL 72.30 E (EW)
- ② 30" RCP
FL 71.28 N (MES)
FL 70.85 S (MES)
- ③ MH
30" RCP
FL 72.53 N
FL 72.49 S (EW)
- ④ 18" RCP
FL 75.53 E (MES)
FL 75.02 W
- ⑤ 30" RCP
FL 72.67 N (EW)
FL 72.53 S
- ⑥ DBI
30" RCP
FL 73.44 W
FL 72.72 E
- ⑦ DBI
30" RCP
FL 72.75 W
FL 72.81 E (EW)
- ⑧ 24" CMP
FL 79.88 N
FL 77.69 S
- ⑨ 24" CMP
FL 90.87 N (MES)
FL 73.65 S
- ⑩ 18" CMP
FL 92.91 N
FL 90.70 S
- ⑪ 18" CMP
FL 98.97 N (MES)
FL 97.08 S (MES)
- ⑫ 24" CMP
FL 100.04 N (MES)
FL 99.07 S (MES)
- ⑬ DBI
18" RCP
FL 112.44 W
FL 112.26 E (EW)
- ⑭ 24" CMP
FL 123.47 S (MES)
FL 121.74 N (MES)
- ⑮ DBI
18" RCP
FL 106.66 S
FL 95.76 N
- ⑯ DBI
18" RCP
FL 100.42 E
FL 84.87 W (EW)
- ⑰ DBI
18" RCP
FL 95.62 S
FL 94.37 N
- ⑱ MH
18" RCP
FL 94.02 W
FL 84.93 E
- ⑲ INLET
18" RCP
FL 84.82 W
FL 79.01 E
- ⑳ INLET
36" RCP
FL 77.94 S
FL 77.84 N
- ㉑ INLET
18" RCP
FL 79.13 S
FL 79.20 N (EW)
- ㉒ DBI
24" RCP
FL 78.66 W
FL 78.61 E
- ㉓ DBI
36" RCP
FL N/A S
FL 76.86 N (EW)
- ㉔ DBI
24" RCP
FL 78.78 E
FL 78.65 W
- ㉕ 48" RCP
FL 82.81 W (EW)
FL 82.65 E
- ㉖ DBI
48" RCP
FL 82.65 W
FL 82.47 E (EW)
- ㉗ DBI
18" RCP
FL 85.16 W
FL 83.16 E (EW)
- ㉘ DBI
24" RCP
FL 93.18 N
FL 85.40 S
- ㉙ DBI
15" RCP
FL 88.80 NW
FL 86.93 SE
- ㉚ DBI
36" RCP
FL 78.87 N
FL 77.00 S
- ㉛ MH
24" RCP
FL 89.56 N
FL 85.47 S
- ㉜ MH
24" RCP
FL 86.60 W
FL 83.60 E
- ㉝ MH
30" RCP
FL 76.65 W
FL 78.27 E
- ㉞ DBI
30" RCP
FL 76.70 N
FL 76.65 S
- ㉟ MH
36" RCP
FL 78.27 NW
FL 79.16 SE
- ① MH
30" RCP
FL 76.80 N
FL 76.60 S
- ② MH
24" RCP
FL 77.00 W
FL 76.80 E
- ③ INLET
18" RCP
FL 87.00 W
FL 85.90 E
- ④ INLET
18" RCP
FL 85.90 W
FL 84.90 E
- ⑤ INLET



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
5/26/17	JLC EXISTING DRAINAGE CHANGES			ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	8

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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NEW CONSTRUCTION/ WIDENING
OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2") (PG 76-22)
AND FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22)

MILLING
MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (3")

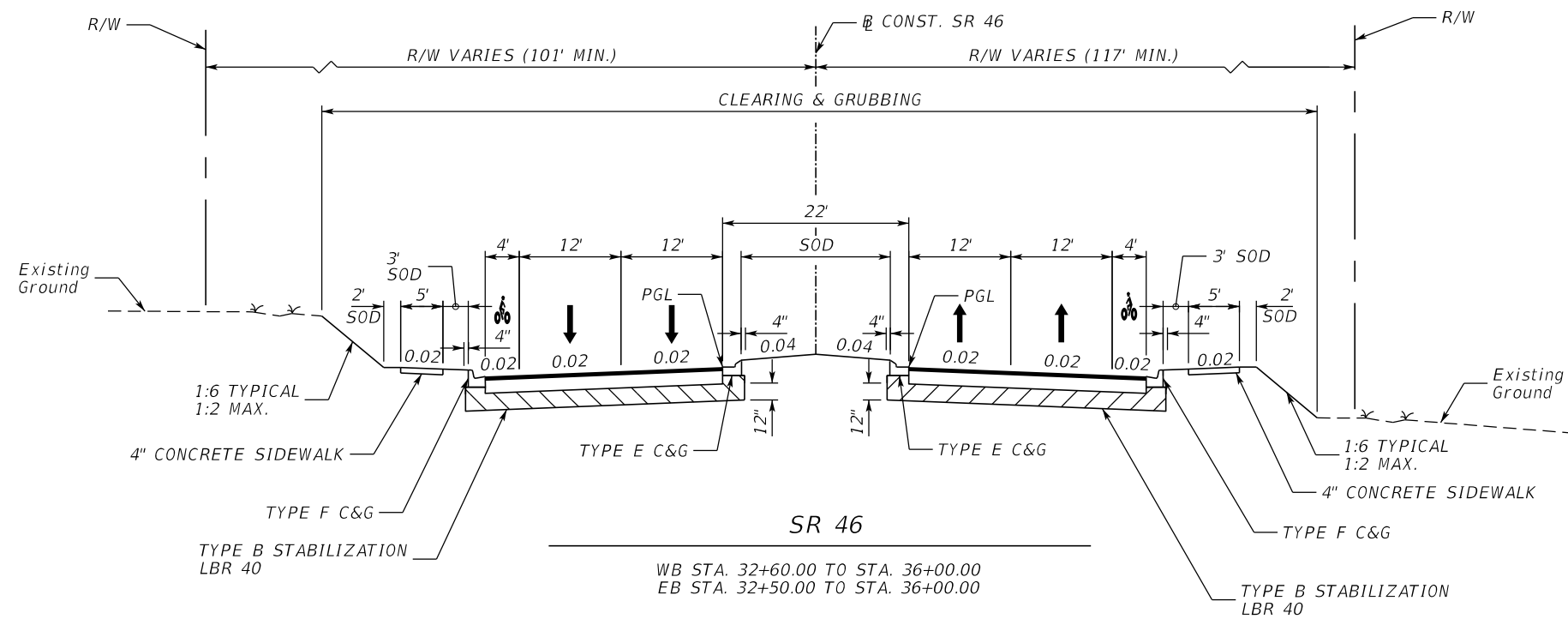
RESURFACING
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2") (PG 76-22)
AND FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22)

OVERBUILD
(WB STA. 25+50.00 TO STA. 32+60.00)
(EB STA. 25+50.00 TO STA. 32+50.00)
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (PG 76-22)
THICKNESS VARIES (0.00' TO 0.44') LT, (0.00' TO 0.52') RT

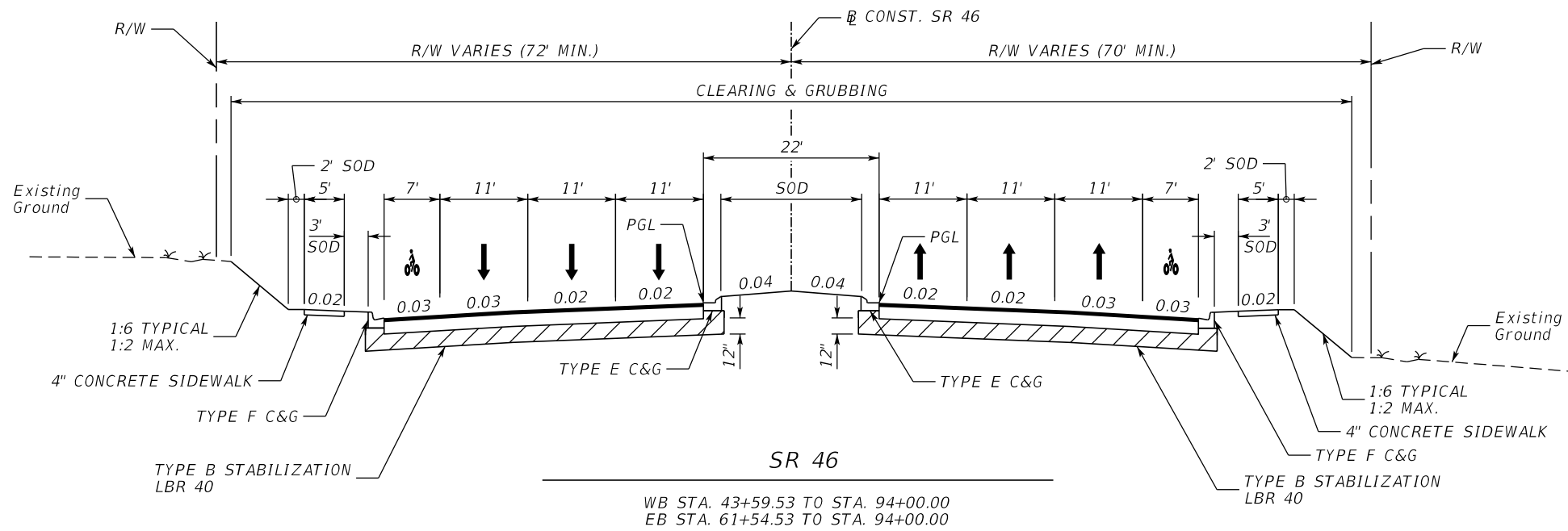
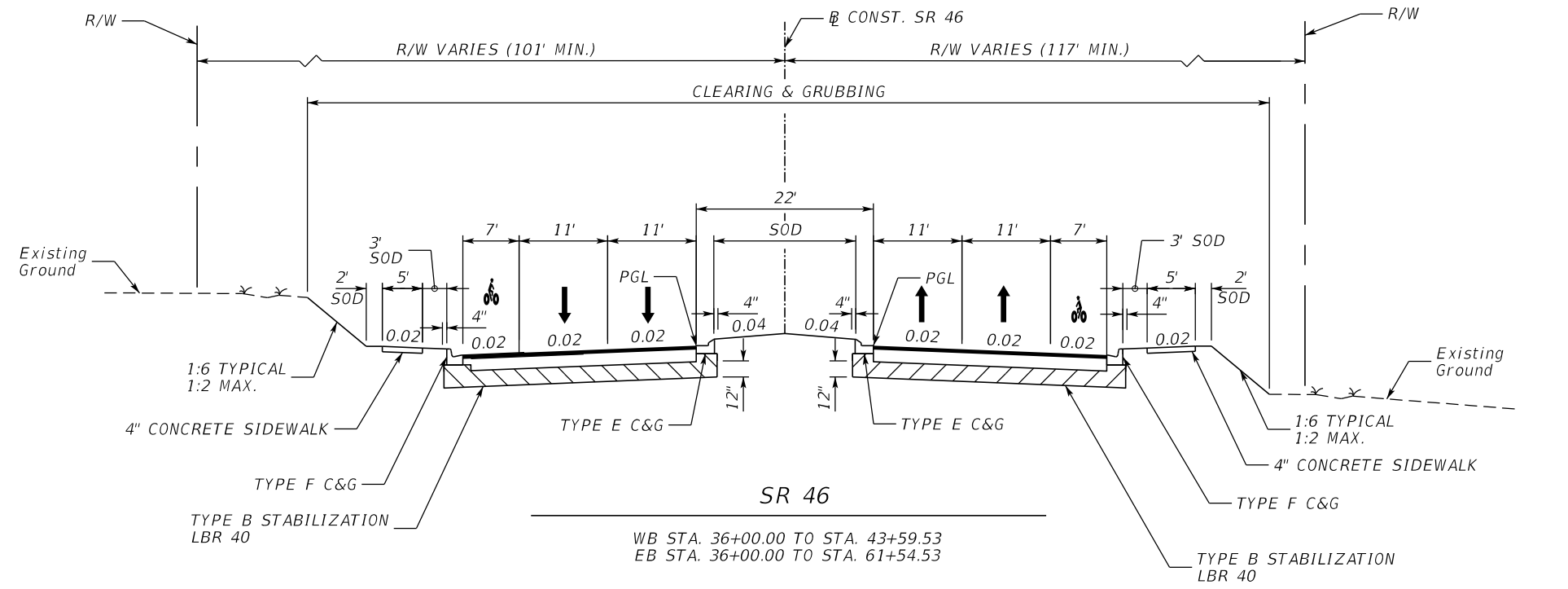
- NOTE:**
1. ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL EXISTING PAVEMENT WIDTH. CONTRACTOR MAY ELECT TO PLACE UNIFORM WIDTH BASE WIDENING STRIP AT NO ADDITIONAL COST TO THE DEPARTMENT.
 2. PAVEMENT CORING DATA, INCLUDING BASE MATERIAL TYPE AND THICKNESS, IS AVAILABLE ON THE DEPARTMENT'S WEBSITE. THE URL FOR OBTAINING THIS INFORMATION IS LOCATED AT: <FTP://FTP.DOT.STATE.FL.US/LTS/D5/CONSTRUCTION/PAVEMENTCORINGDATA/>. THE DATA REPRESENTS MATERIALS ENCOUNTERED AT EACH CORING LOCATION. MATERIAL VARIATIONS BETWEEN CORES SHOULD BE ANTICIPATED AS INDICATED IN SECTION 2-4 OF THE STANDARD SPECIFICATIONS.

TRAFFIC DATA

CURRENT YEAR = 2012 AADT = 6,400
ESTIMATED OPENING YEAR = 2019 AADT = 7,100
ESTIMATED DESIGN YEAR = SR 4 AADT = 9,200
K = 9.0% D = 54.9% T = 11.7% (24 HOUR)
DESIGN HOUR T = 6.5%
DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		



TRAFFIC DATA

CURRENT YEAR = 2012 AADT = 11,000
 ESTIMATED OPENING YEAR = 2019 AADT = 18,000
 ESTIMATED DESIGN YEAR = SR 4 AADT = 39,000
 K = 9.0% D = 54.9% T = 11.7% (24 HOUR)
 DESIGN HOUR T = 6.5%
 DESIGN SPEED = 45 MPH
 POSTED SPEED = 45 MPH

NEW CONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2") (PG 76-22)
 AND FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22)

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	TYPICAL SECTION
								10

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SR 500 & ROBIE AVENUE MILLING

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (3 3/4")

SR 500 & ROBIE AVENUE RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") (PG 76-22) AND FRICTION COURSE FC-5 (3/4") (PG 76-22)

SHOULDER, TURN LANE & CROSSOVER* MILLING

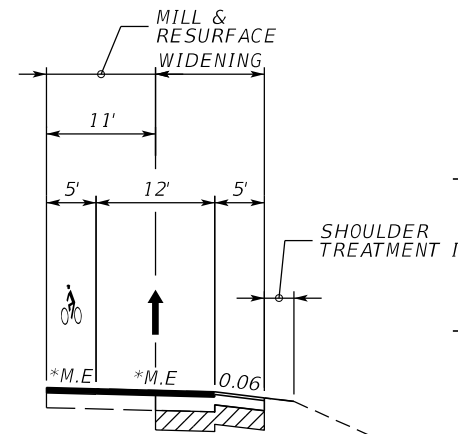
MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1 3/4")

SHOULDER, TURN LANE & CROSSOVER* RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1") (PG 76-22) AND FRICTION COURSE FC-5 (3/4") (PG 76-22)

*LEAVE FC-5 OFF CROSSOVERS PER CROSSOVER PAVEMENT DETAIL BELOW

*M.E. = MATCH EXISTING



TURN LANE WIDENING DETAIL

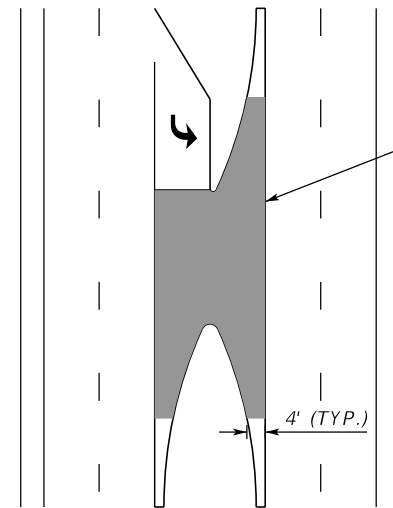
STA. 405+90.98 TO STA. 409+99.50
STA. 417+63.20 TO STA. 421+45.55

TURN LANE WIDENING

OPTIONAL BASE GROUP 9 WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") (PG 76-22) AND FRICTION COURSE FC-5 (3/4") (PG 76-22)

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 2 (TYPE B-12.5 ONLY) WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1.5") AND FRICTION COURSE FC-5 (3/4") (PG 76-22)



CROSSOVER PAVEMENT DETAIL

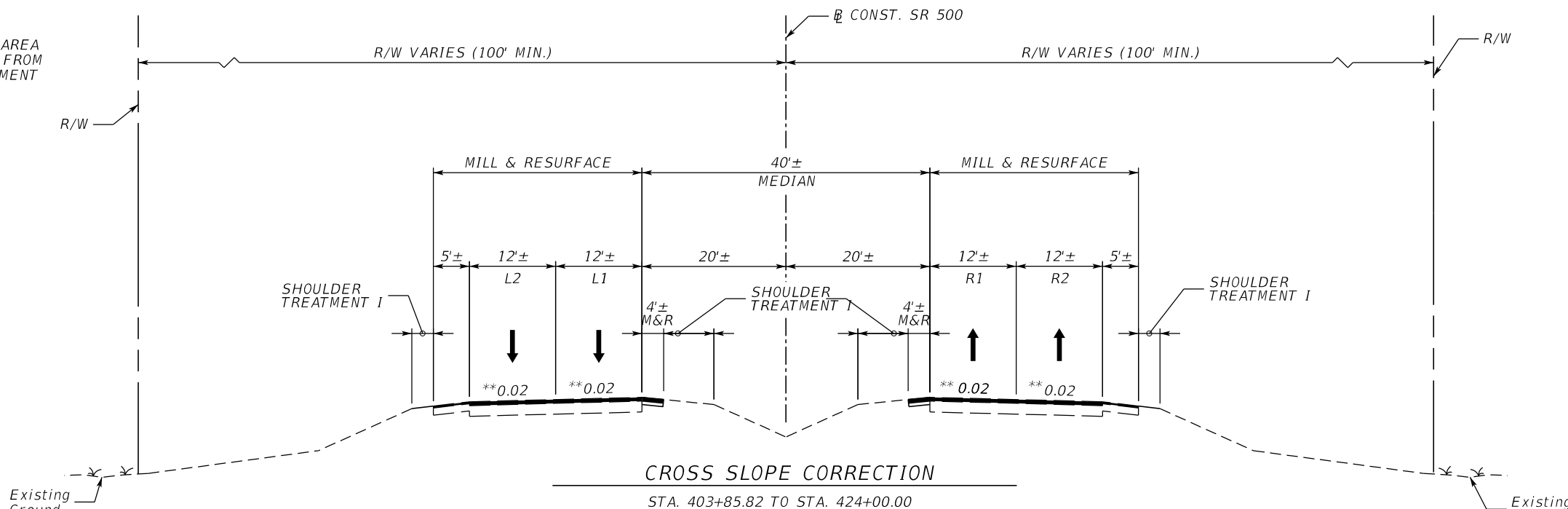
LIMITS OF AREA EXCLUDED FROM FC-5 PAVEMENT DESIGN

**TRAFFIC DATA
STA. 403+85.82 TO STA. 443+75.00**

CURRENT YEAR = 2012 AADT = 28,000
ESTIMATED OPENING YEAR = 2019 AADT = 34,500
ESTIMATED DESIGN YEAR = 2039 AADT = 53,500
K = 9.0% D = 57.4% T = 8.1% (24 HOUR)
DESIGN HOUR T = 4.1%
DESIGN SPEED = 50 MPH
POSTED SPEED = 50 MPH

VARIABLE MILLING (L2)

MILL EXISTING ASPHALT PAVEMENT FOR SLOPE (6" AVG. DEPTH)



CROSS SLOPE CORRECTION

STA. 403+85.82 TO STA. 424+00.00

SEE MILLING AND RESURFACING DETAIL FOR ADDITIONAL INFORMATION

** = MATCH EXISTING FOR STATION 424+00 TO STA. 427+00

VARIABLE MILLING (L1)

MILL EXISTING ASPHALT PAVEMENT FOR SLOPE (4.5" AVG. DEPTH)

RESURFACING (L1 & R1)

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") AND FRICTION COURSE FC-5 (3/4") (PG 76-22)

VARIABLE MILLING (R1)

MILL EXISTING ASPHALT PAVEMENT FOR SLOPE (4" AVG. DEPTH)

RESURFACING (L2 & R2)

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4") AND FRICTION COURSE FC-5 (3/4") (PG 76-22)

VARIABLE MILLING (R2)

MILL EXISTING ASPHALT PAVEMENT FOR SLOPE (5.5" AVG. DEPTH)

MILLING & RESURFACING

STA. 424+00.00 TO STA. 427+00.00

MILLING

MILL EXISTING ASPHALT PAVEMENT FOR SLOPE (3.75")

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") AND FRICTION COURSE FC-5 (3/4") (PG 76-22)

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 46	LAKE	238275-2-52-01	

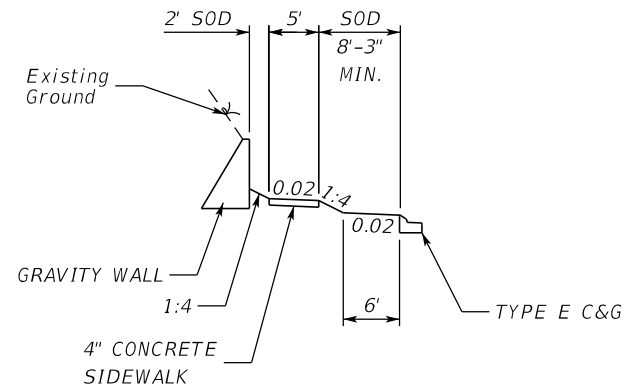
TYPICAL SECTION

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

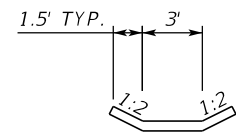
NEW CONSTRUCTION
 OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") (PG 76-22)
 AND FRICTION COURSE FC-5 (3/4") (PG 76-22)

VARIABLE MILLING
 MILL EXISTING ASPHALT
 PAVEMENT FOR SLOPE (3 1/4" AVG. DEPTH)

RESURFACING
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2 1/2") (PG 76-22)
 AND FRICTION COURSE FC-5 (3/4") (PG 76-22)



GRAVITY WALL DETAIL
 TRANSITION SIDEWALK OVER 50'



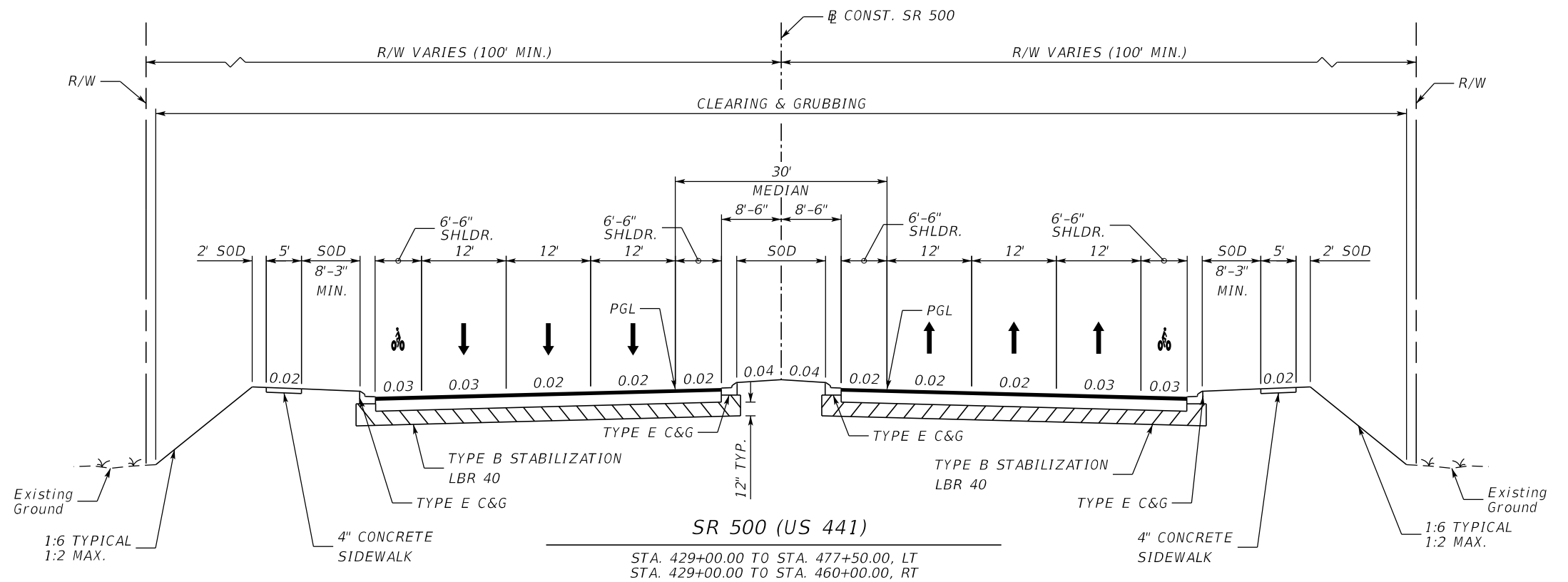
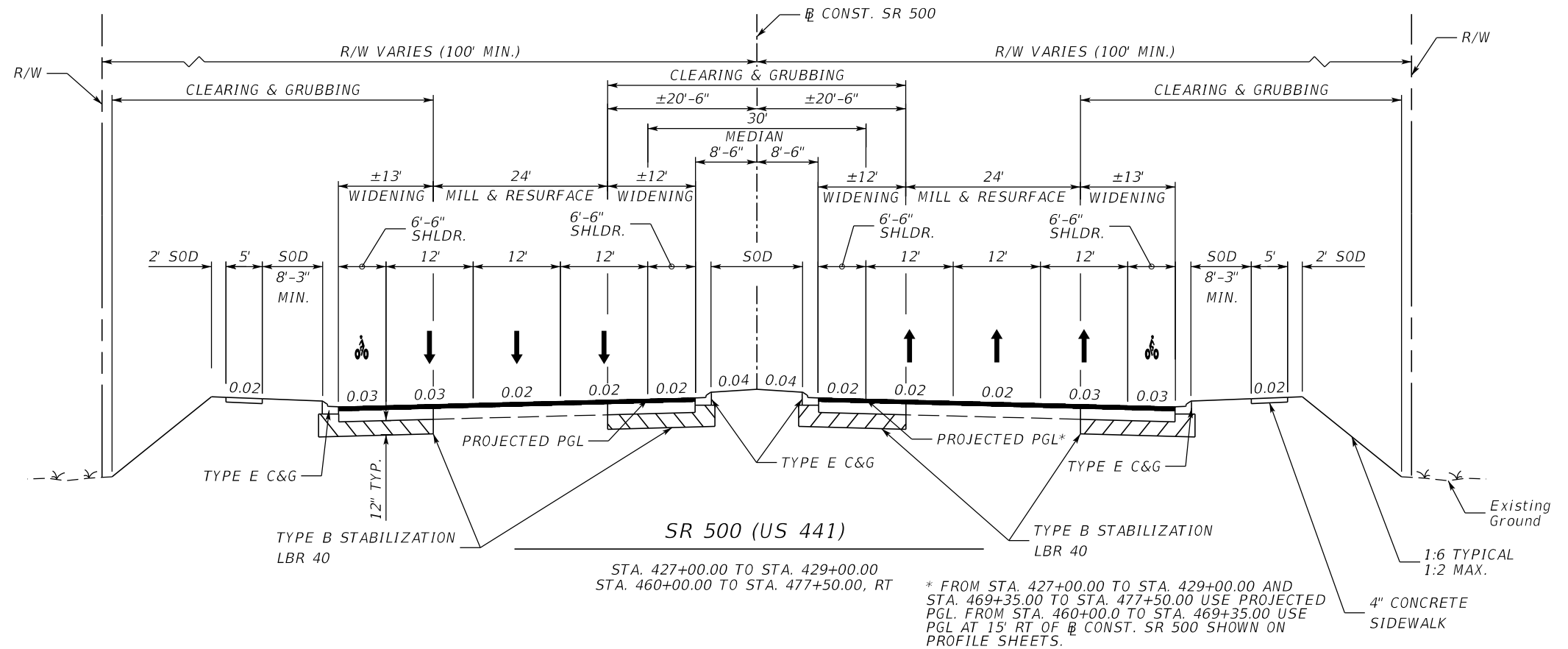
CONCRETE DITCH PAVEMENT DETAIL
 STA. 470+30.00 TO STA. 473+50.00

TRAFFIC DATA
 STA. 403+85.82 TO STA. 443+75.00

CURRENT YEAR = 2012 AADT = 28,000
 ESTIMATED OPENING YEAR = 2019 AADT = 34,500
 ESTIMATED DESIGN YEAR = 2039 AADT = 53,500
 K = 9.0% D = 57.4% T = 8.1% (24 HOUR)
 DESIGN HOUR T = 4.1%
 DESIGN SPEED = 50 MPH
 POSTED SPEED = 50 MPH

TRAFFIC DATA
 STA. 443+75.00 TO STA. 477+50.00

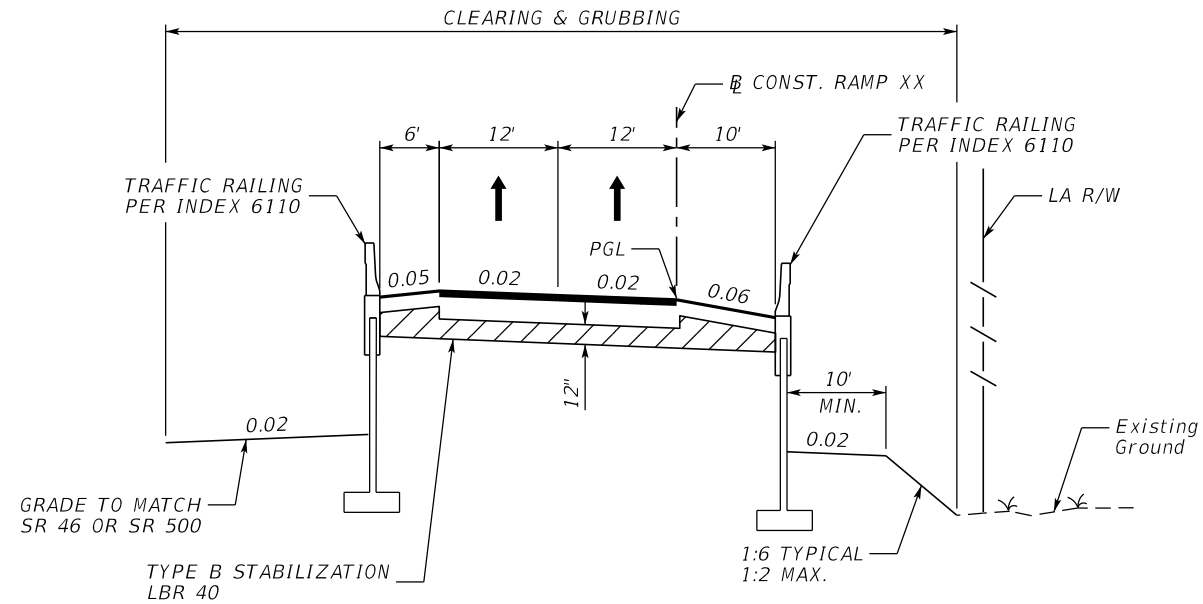
CURRENT YEAR = 2012 AADT = 24,500
 ESTIMATED OPENING YEAR = 2019 AADT = 25,500
 ESTIMATED DESIGN YEAR = 2039 AADT = 27,500
 K = 9.0% D = 57.4% T = 8.1% (24 HOUR)
 DESIGN HOUR T = 4.1%
 DESIGN SPEED = 50 MPH
 POSTED SPEED = 50 MPH



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	

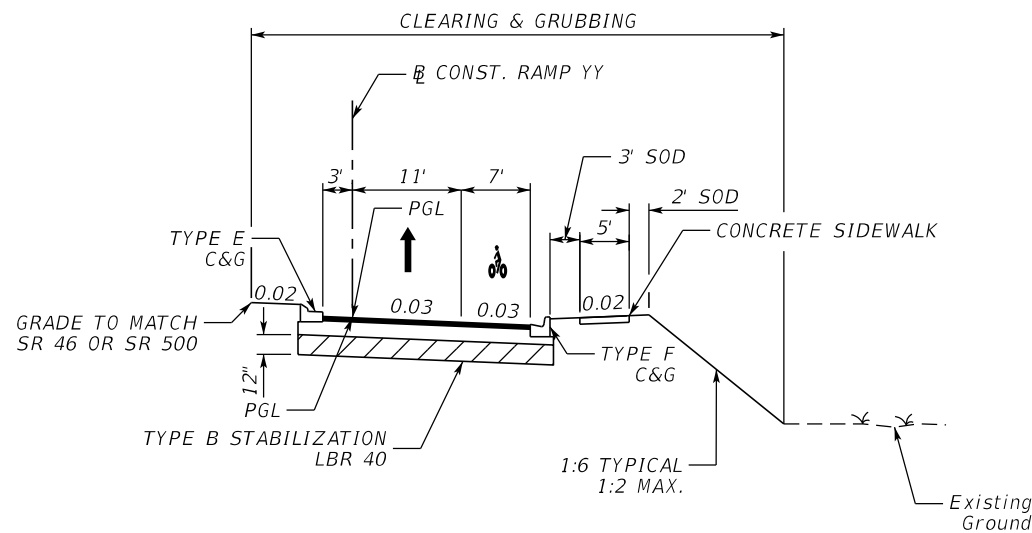
TYPICAL SECTION

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



RAMP XX

STA. 198+27.97 TO STA. 214+76.00
 STA. 219+47.00 TO STA. 229+05.00
 STA. 230+03.00 TO STA. 244+28.31



RAMP YY

STA. 300+00.00 TO STA. 312+94.80

NEW CONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2") (PG. 76-22)
 AND FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22)

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 1 WITH
 FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22)

TRAFFIC DATA RAMP YY

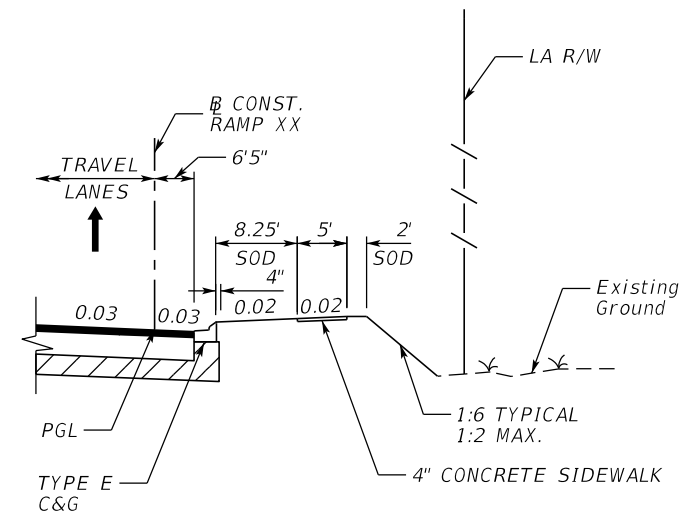
CURRENT YEAR = 2012 AADT = N/A
 ESTIMATED OPENING YEAR = 2019 AADT = 5,600
 ESTIMATED DESIGN YEAR = 2039 AADT = 14,500
 K = 9.0% D = 100% T = 11.7% (24 HOUR)
 DESIGN HOUR T = 6.5 %
 DESIGN SPEED = 25 MPH
 POSTED SPEED = 25 MPH

TRAFFIC DATA RAMP XX

CURRENT YEAR = 2012 AADT = N/A
 ESTIMATED OPENING YEAR = 2019 AADT = 5,600
 ESTIMATED DESIGN YEAR = 2039 AADT = 14,500
 K = 9.0% D = 100% T = 11.7% (24 HOUR)
 DESIGN HOUR T = SR 4%
 DESIGN SPEED = 35 MPH
 POSTED SPEED = 35 MPH

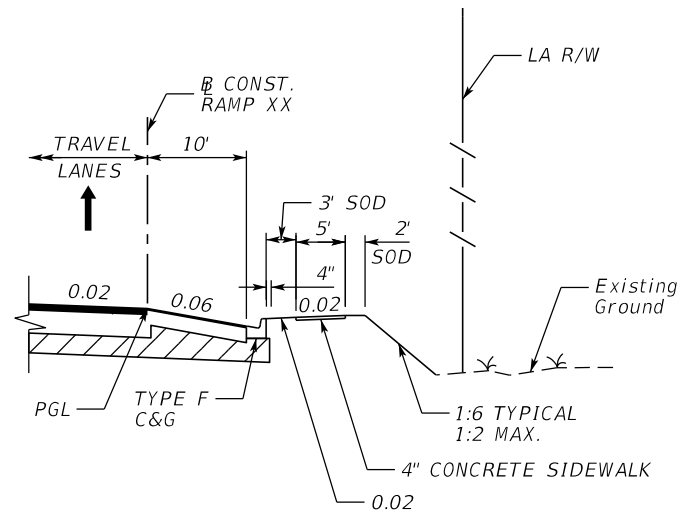
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	TYPICAL SECTION
								13

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



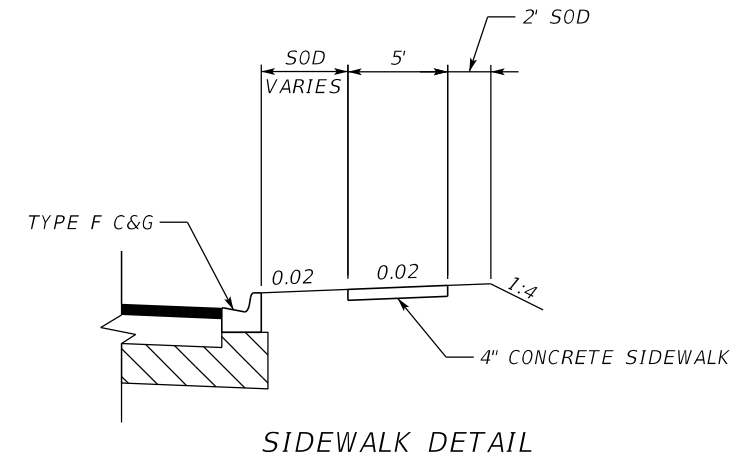
**RAMP XX
CURB & GUTTER WITH SIDEWALK**

STA. 198+27.97 TO STA. 206+00.00



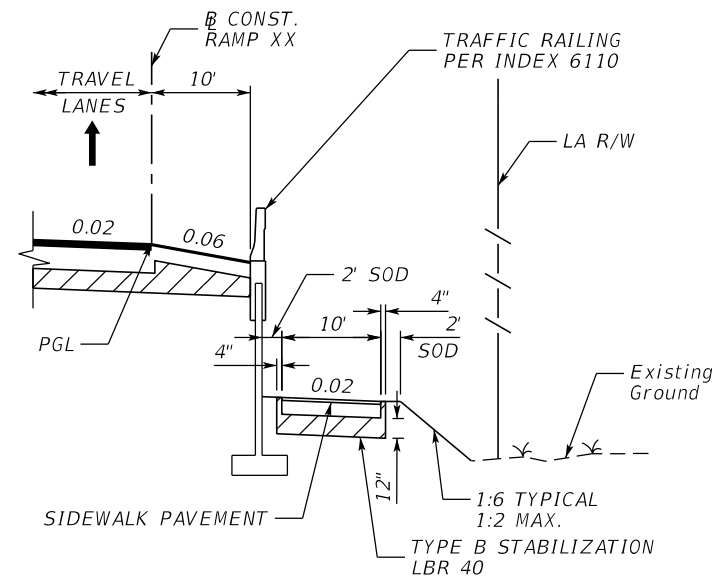
**RAMP XX
CURB & GUTTER WITH SIDEWALK**

STA. 206+00.00 TO STA. 211+60.00



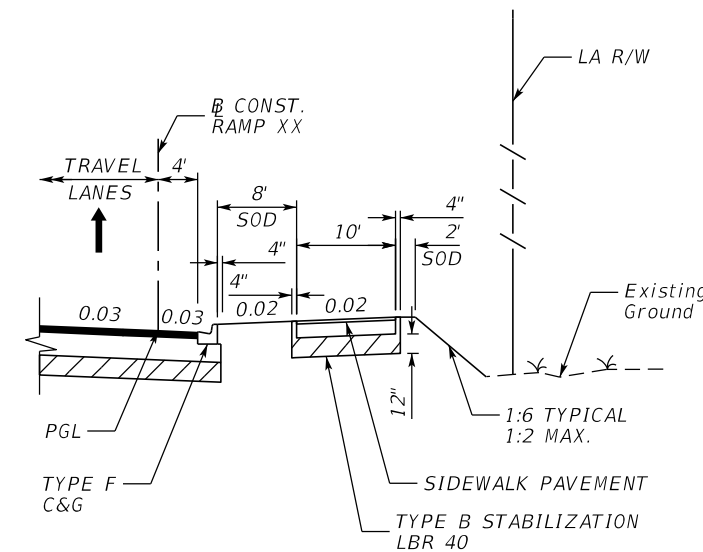
SIDEWALK PAVEMENT

OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2") (PG. 76-22)



**RAMP XX
BARRIER WALL WITH SIDEWALK**

STA. 211+60.00 TO STA. 214+76.00
STA. 230+03.00 TO STA. 237+60.00

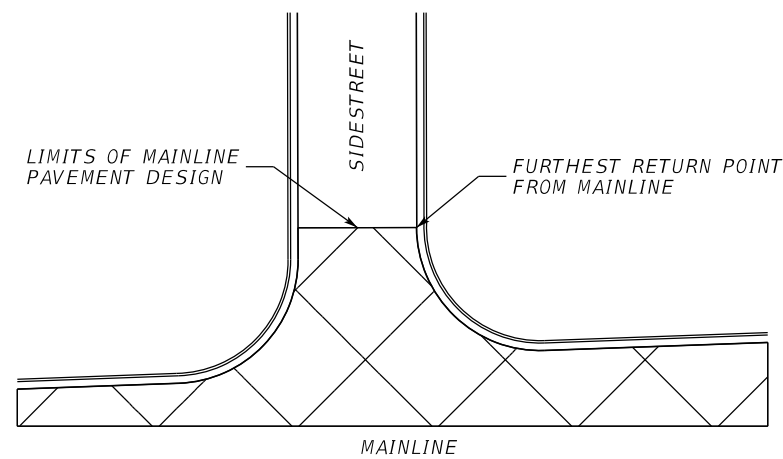


**RAMP XX
CURB & GUTTER WITH SIDEWALK**

STA. 237+60.00 TO STA. 243+72.22

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO. 14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SIDESTREET PAVING DETAIL*

*EXCEPT GROVELAND ROAD. GROVELAND ROAD PAVEMENT DESIGN TO EXTEND ENTIRE LIMITS OF SIDE STREET UP TO SR 46 MILLING & RESURFACING

RECONSTRUCTION

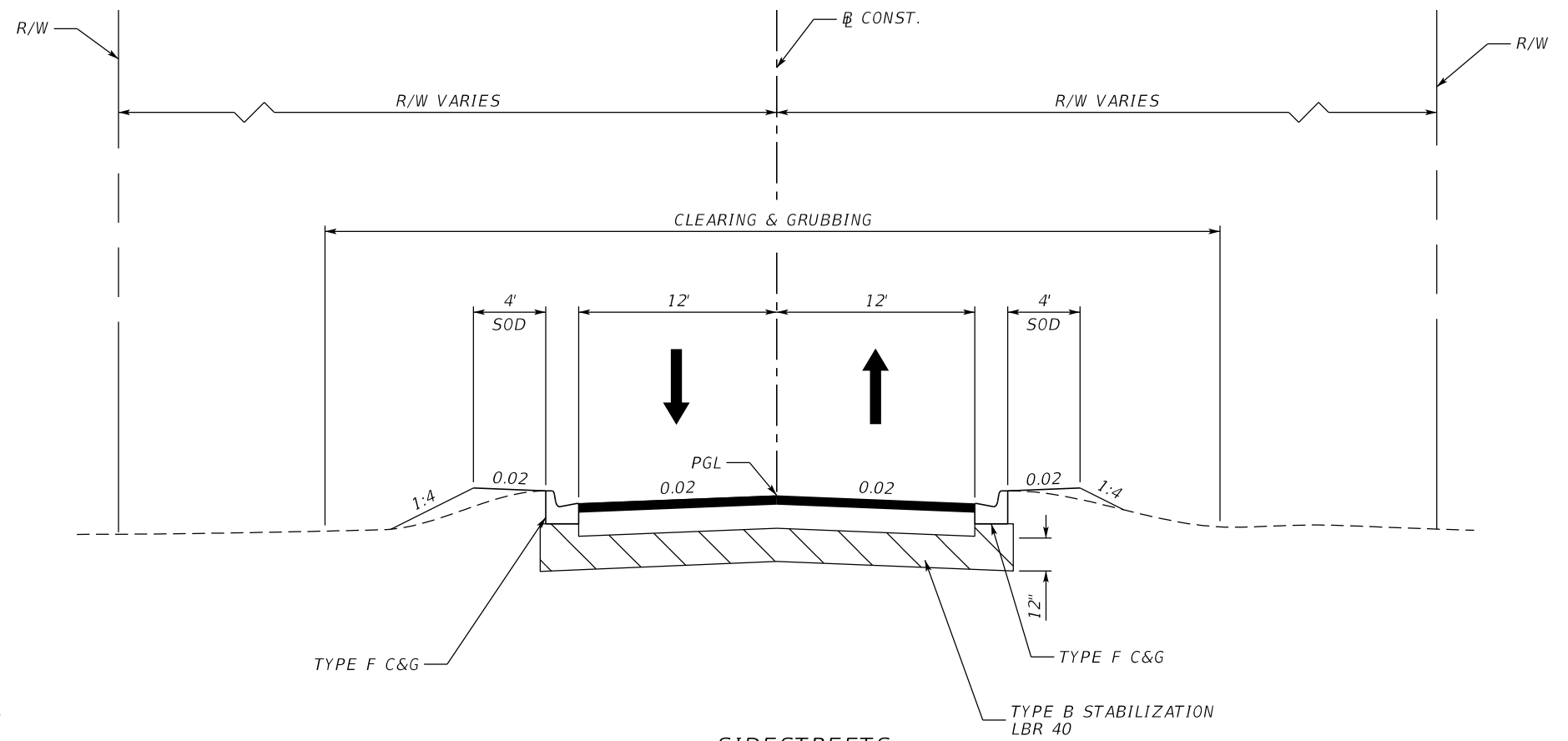
OPTIONAL BASE GROUP 3 WITH FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22)

MILLING

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1 1/2")

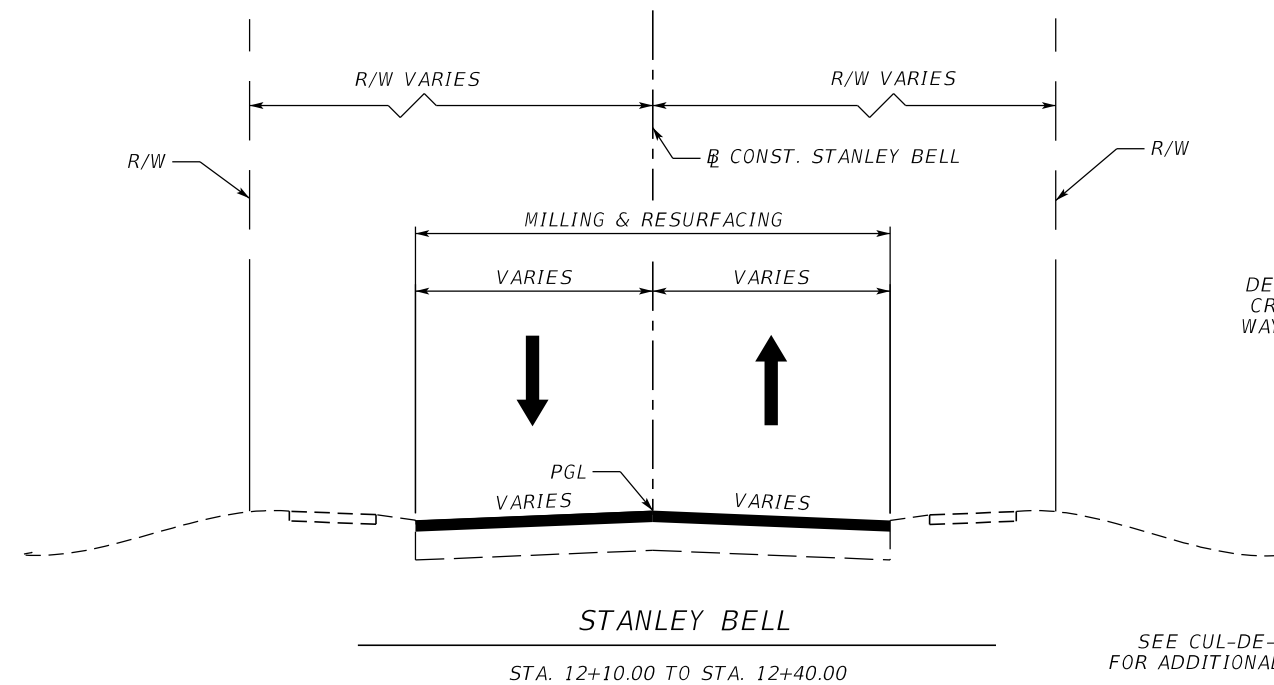
RESURFACING

FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22)



SIDESTREETS

- GROVELAND ROAD STA. 10+12.00 TO STA. 10+85.00
- CURRIN BLVD. STA. 10+50.00 TO STA. 10+83.09
- PINECREST ROAD STA. 10+17.27 TO STA. 11+27.25
- STANLEY BELL DRIVE STA. 10+68.11 TO STA. 12+10.00
- POND ROAD STA. 6+45.00 TO STA. 9+55.31
- VERANDA WAY STA. 10+51.00 TO STA. 11+90.00**
- SABASTIAN STREET STA. 2+51.00 TO STA. 3+60.00
- VISTA VIEW STA. 50+40.00 TO STA. 51+49.00
- NATOMA BLVD. STA. 30+57.53 TO STA. 32+95.00



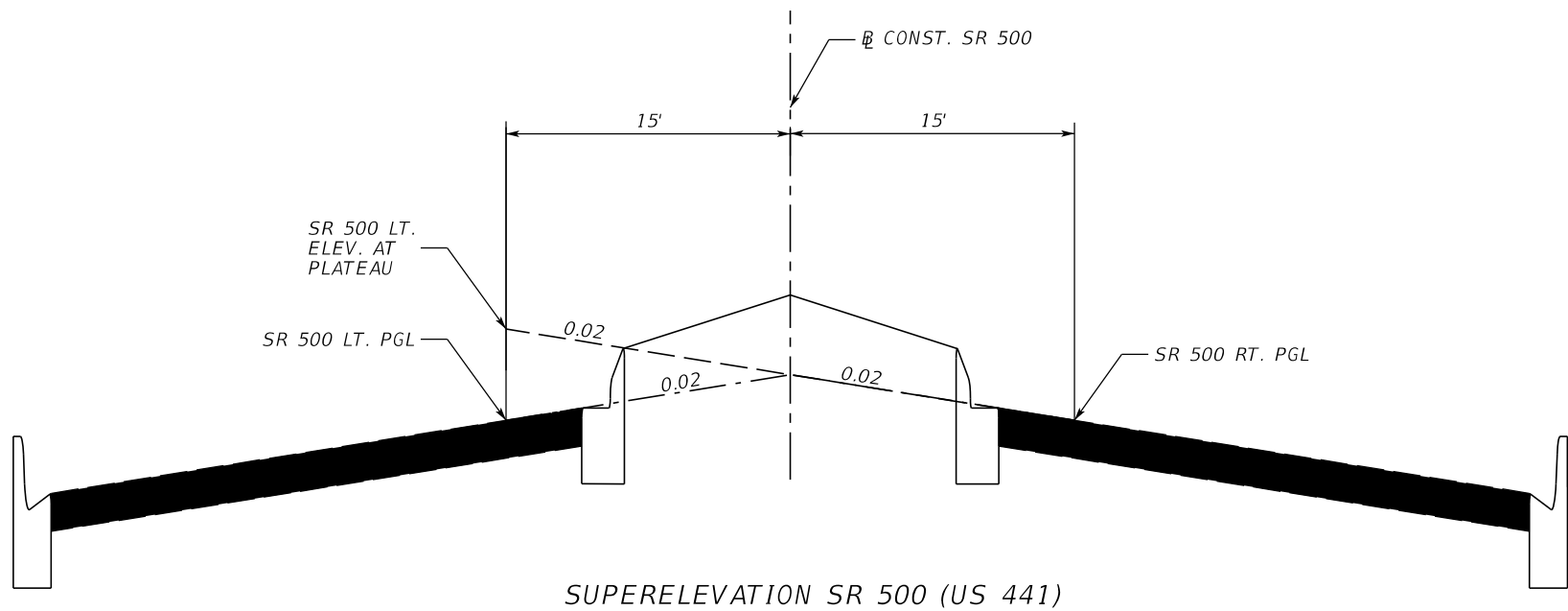
**NOTE: SEE SPECIAL DETAILS VERANDA WAY AND CROSS SECTIONS VERANDA WAY FOR MORE INFORMATION

SEE CUL-DE-SAC DETAIL FOR ADDITIONAL INFORMATION

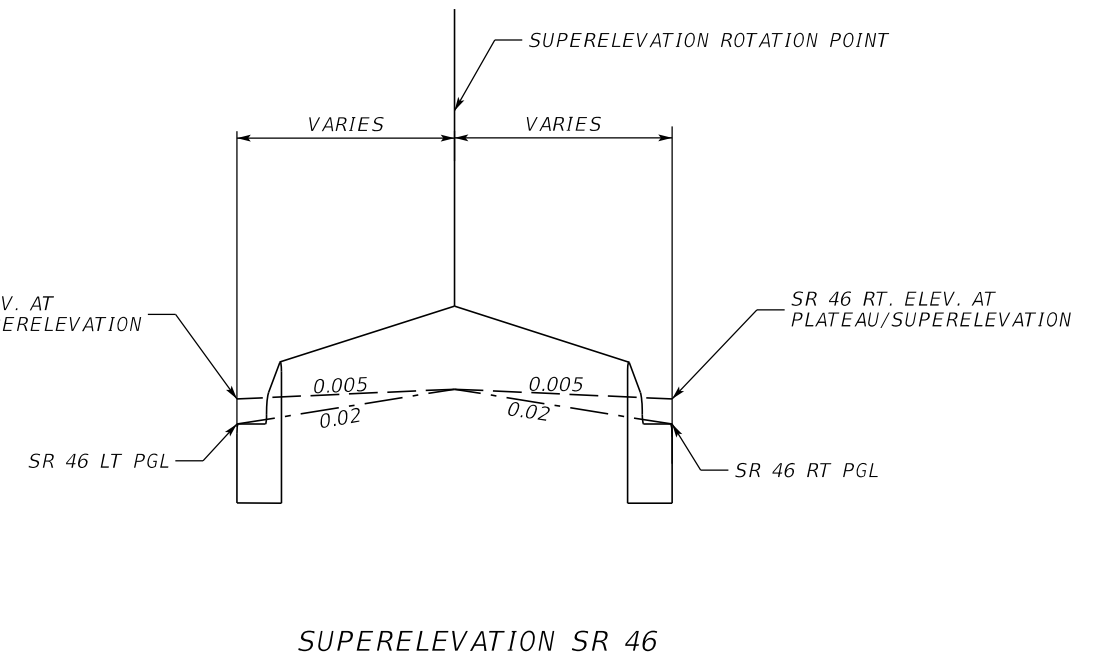
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 15
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 46	LAKE	238275-2-52-01	

TYPICAL SECTION

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

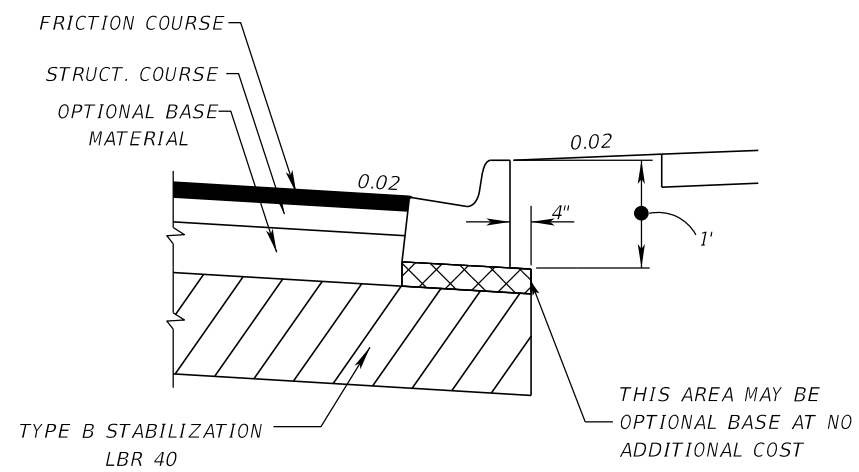


SUPERELEVATION SR 500 (US 441)

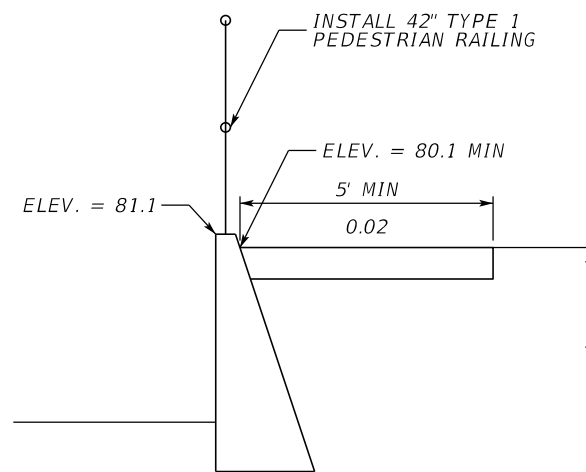


SUPERELEVATION SR 46

NOTE: SUPERELEVATION ROTATION POINT IS MIDPOINT BETWEEN LT & RT SR 46 PGL'S

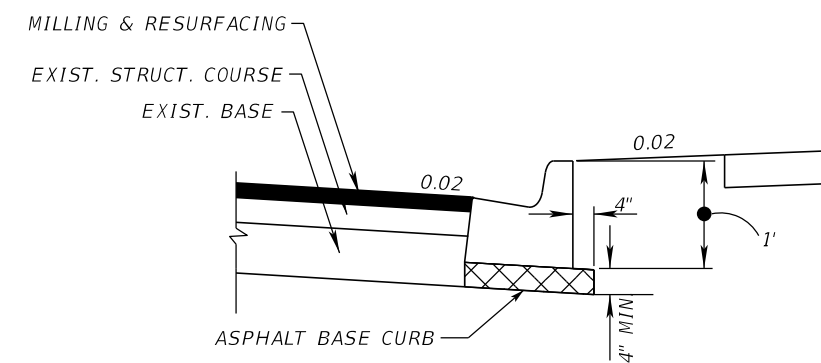


DETAIL OF CURB PAD



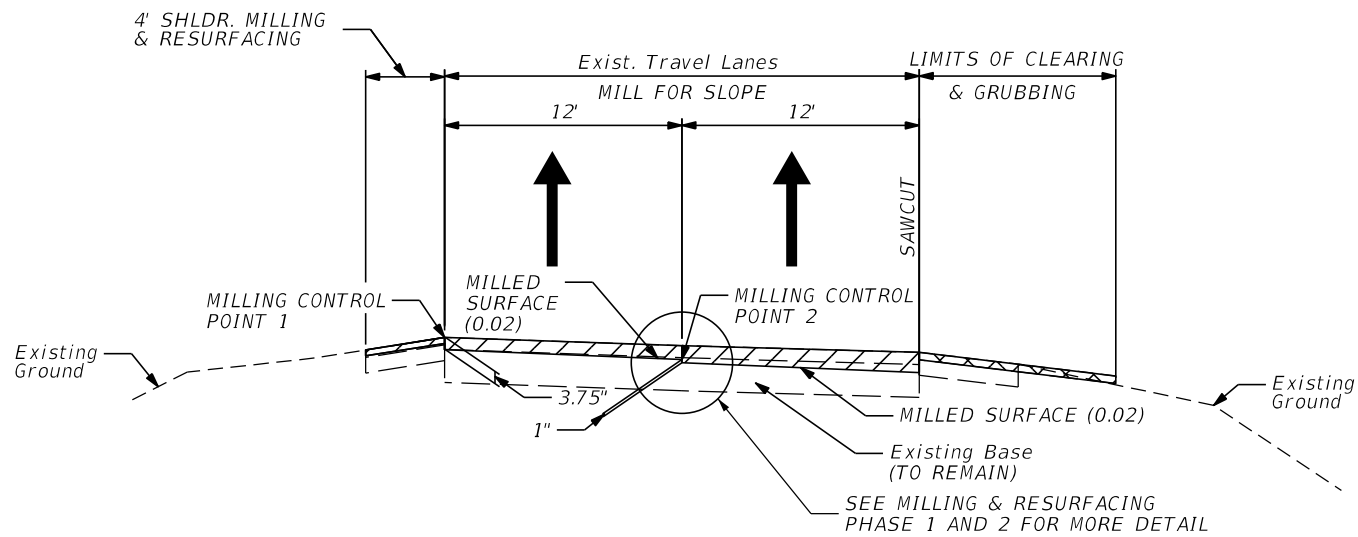
DETAIL OF GRAVITY WALL SIDEWALK

SR 46 STA. 64+50.00 TO STA. 65+50.00

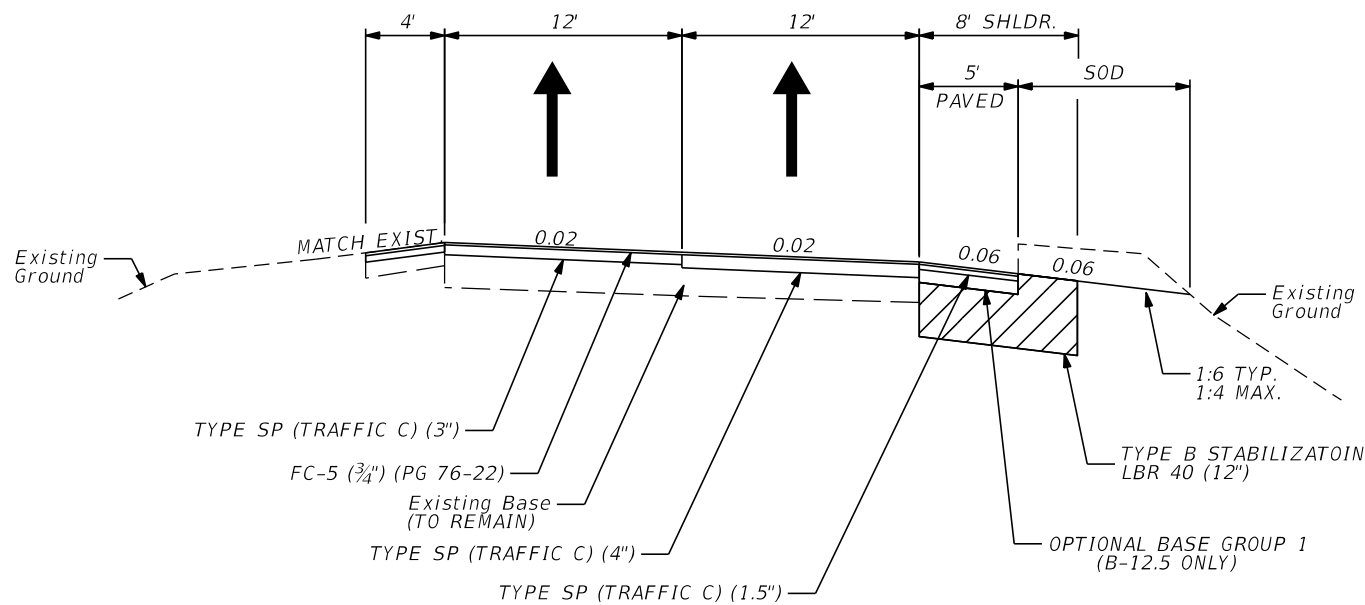


DETAIL OF ASPHALT BASE CURB PAD

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO. 16
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

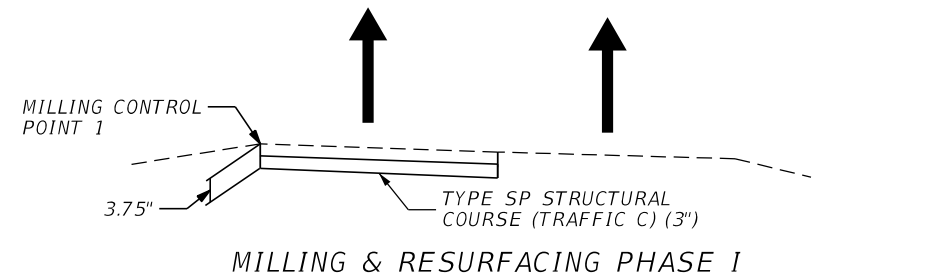


SR 500 MILLING DETAIL
STA. 403+85.82 TO STA. 424+00.00
NTS

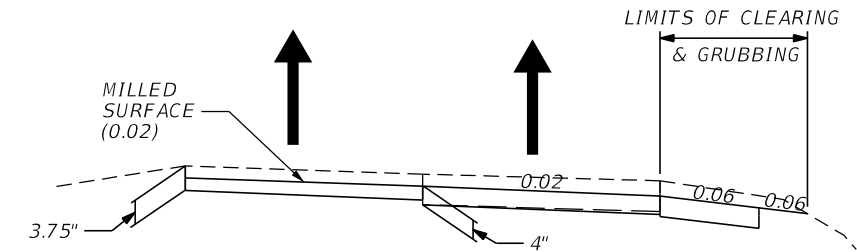


SR 500 RESURFACING DETAIL
STA. 403+85.82 TO STA. 424+00.00
NTS

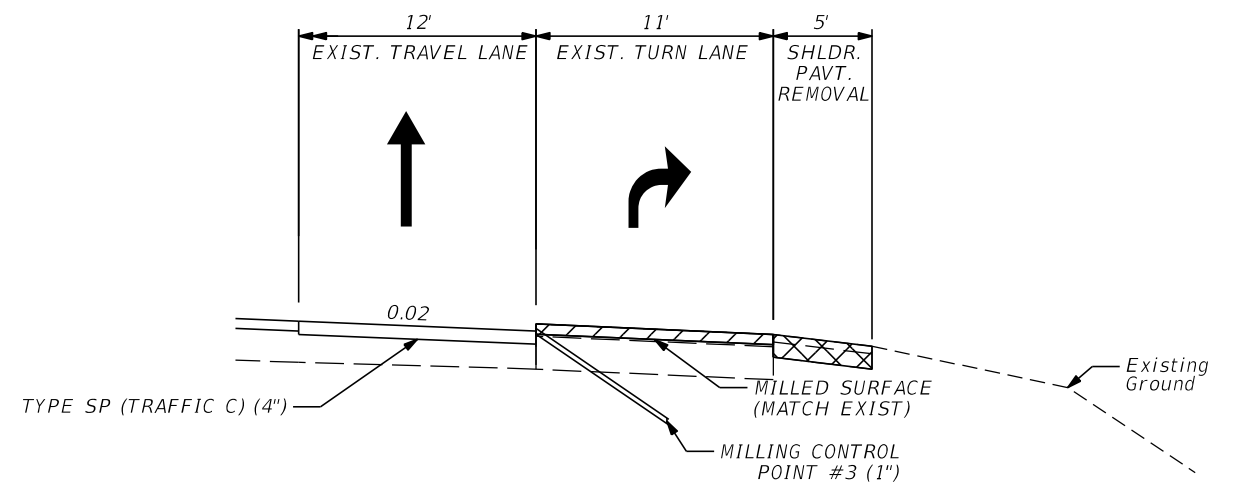
NOTE: NORTHBOUND SHOWN, SOUTHBOUND SAME BUT OPPOSITE



MILLING & RESURFACING PHASE I



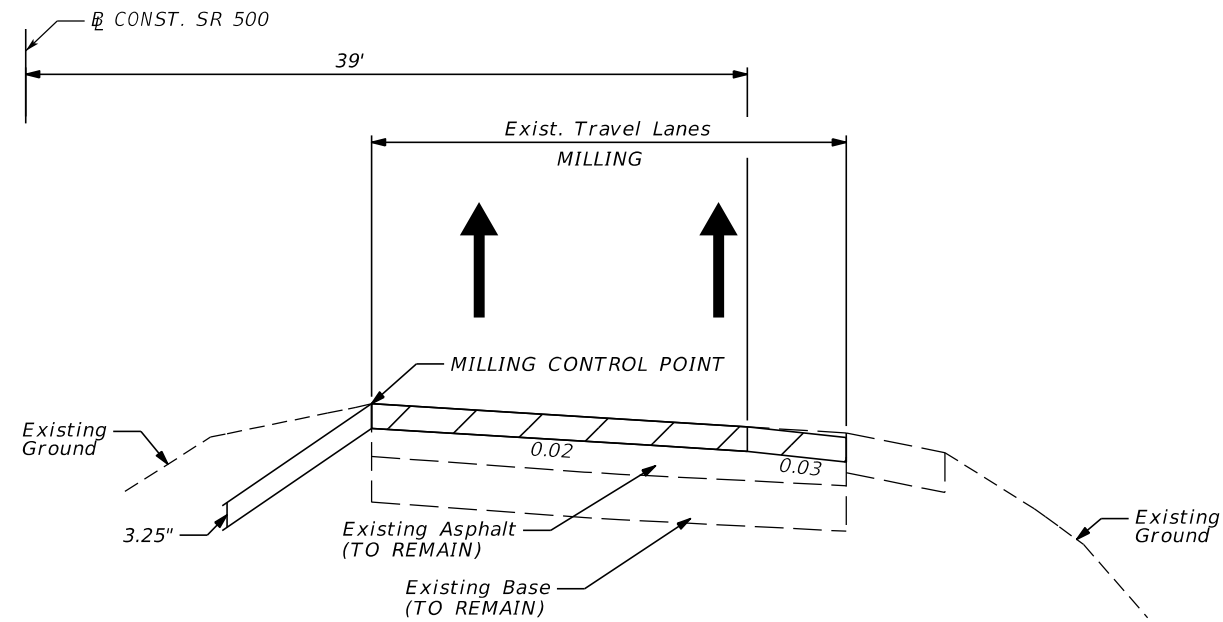
MILLING & RESURFACING PHASE II



SR 500 RIGHT TURN LANE DETAIL
STA. 406+16.84 TO STA. 411+88.75 (RT)
STA. 417+59.43 TO 423+57.96 (LT)
NTS

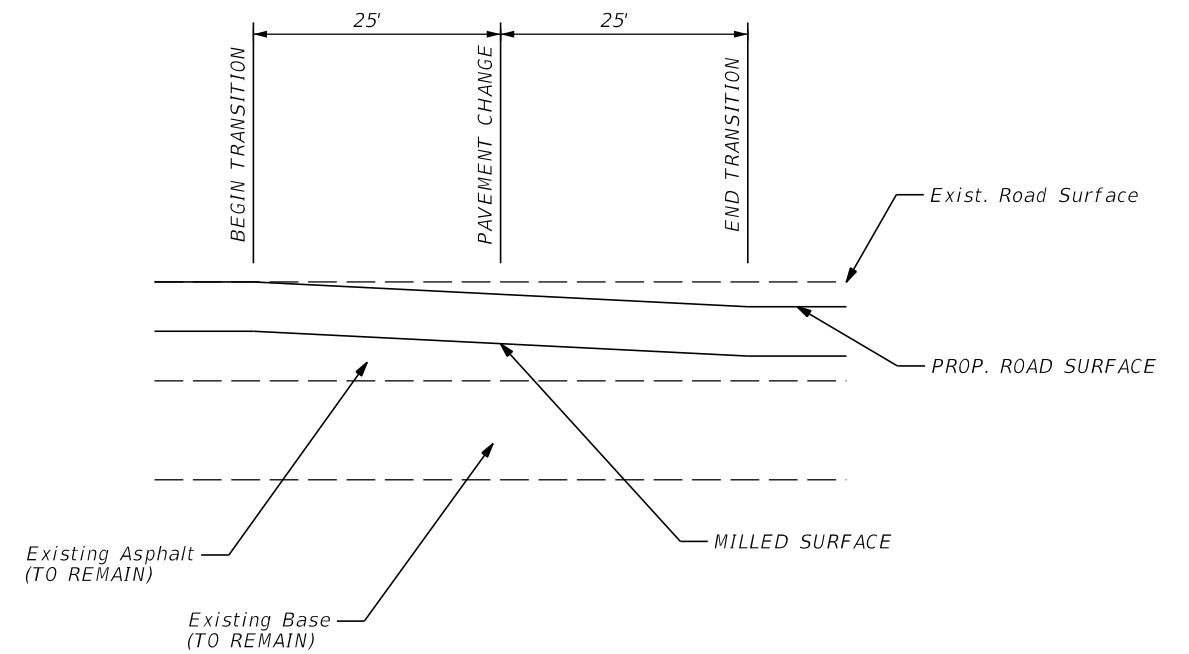
NOTE: NORTHBOUND SHOWN, SOUTHBOUND SAME BUT OPPOSITE

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	17

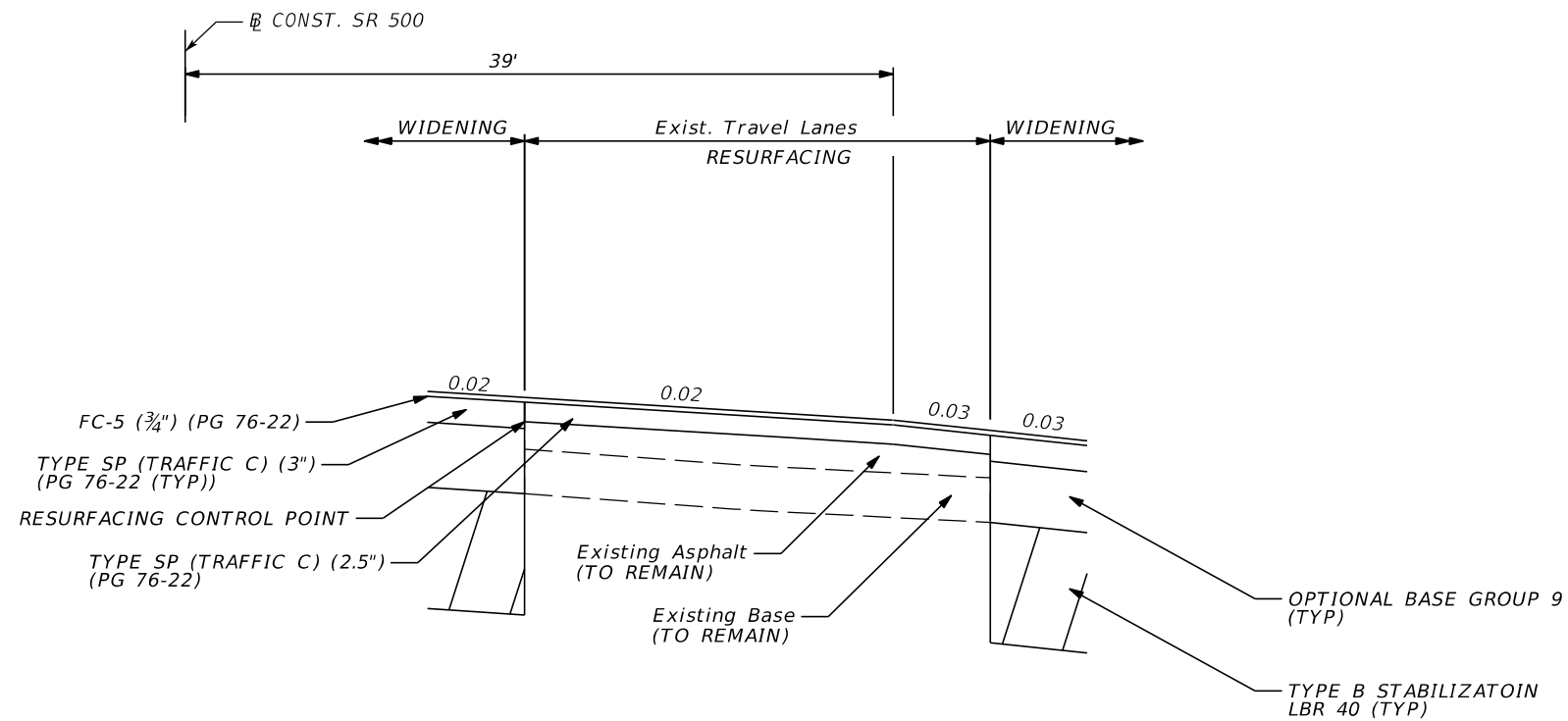


RIGHT SIDE SHOWN, LEFT SIDE IS SIMILAR BUT OPPOSITE.

SR 500 MILLING DETAIL
 STA. 427+00.00 TO STA. 429+00.00
 STA. 460+00.00 TO STA. 477+50.00



SR 500 PAVEMENT TRANSITION DETAIL
 ALONG OUTSIDE EDGE OF TRAVEL
 NTS



SR 500 RESURFACING AND WIDENING DETAIL
 STA. 427+00.00 TO STA. 429+00.00
 STA. 460+00.00 TO STA. 477+50.00

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO. 18
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SR 46 OVERBUILD

STATION	LEFT						RIGHT					
	WIDTH	THICKNESS AT LEFT EDGE	THICKNESS AT RIGHT EDGE	END AREA	VOLUME	OVERBUILD	WIDTH	THICKNESS AT LEFT EDGE	THICKNESS AT RIGHT EDGE	END AREA	VOLUME	OVERBUILD
-	FT	FT	FT	SF	CF	TN	FT	FT	FT	SF	CF	TN
25+50.00	0.00	0.00	0.00	0.00	-	-	0.00	0.00	0.00	0.00	-	-
26+00.00	0.00	0.00	0.00	0.00	0.00	0.00	11.06	0.00	0.09	0.71	17.74	1.30
26+50.00	2.18	0.03	0.00	0.03	0.71	0.05	5.70	0.00	0.04	0.13	21.01	1.54
27+00.00	14.37	0.13	0.08	0.94	24.30	1.78	11.62	0.08	0.07	0.85	24.41	1.79
27+50.00	15.76	0.22	0.15	2.35	82.31	6.04	13.33	0.15	0.07	1.37	55.45	4.07
28+00.00	16.82	0.27	0.26	3.58	148.22	10.87	15.11	0.26	0.23	3.67	126.07	9.25
28+50.00	16.93	0.24	0.33	4.16	193.45	14.19	16.27	0.33	0.24	4.56	205.83	15.09
29+00.00	9.91	0.24	0.29	2.61	169.25	12.41	11.13	0.29	0.30	3.27	195.76	14.36
29+50.00	11.03	0.31	0.34	3.61	155.52	11.40	12.52	0.33	0.27	3.72	174.70	12.81
30+00.00	12.90	0.37	0.36	4.70	207.79	15.24	12.99	0.42	0.37	5.13	221.33	16.23
30+50.00	14.57	0.42	0.44	6.21	272.78	20.00	13.07	0.48	0.46	6.18	282.86	20.74
31+00.00	16.30	0.30	0.39	5.52	293.23	21.50	12.97	0.46	0.50	6.24	310.60	22.78
31+50.00	14.96	0.00	0.31	2.38	197.55	14.49	11.99	0.52	0.45	5.59	295.85	21.70
32+00.00	17.00	0.08	0.26	3.09	136.89	10.04	12.00	0.25	0.22	2.83	210.49	15.44
32+50.00	3.10	0.00	0.09	0.28	84.27	6.18	3.69	0.09	0.00	0.16	74.64	5.47
33+00.00	0.00	0.00	0.00	0.00	6.91	0.51	0.00	0.00	0.00	0.00	3.92	0.29
					TOTAL	144.70					TOTAL	162.86

SR 500 RT OVERBUILD

STATION	2% SLOPED PAVEMENT						3% SLOPED PAVEMENT					
	WIDTH	THICKNESS AT LEFT EDGE	THICKNESS AT RIGHT EDGE	END AREA	VOLUME	OVERBUILD	WIDTH	THICKNESS AT LEFT EDGE	THICKNESS AT RIGHT EDGE	END AREA	VOLUME	OVERBUILD
-	FT	FT	FT	SF	CF	TN	FT	FT	FT	SF	CF	TN
459+50.00	0.00	0.00	0.00	0.00	-	-	0.00	0.00	0.00	0.00	-	-
460+00.00	18.59	0.12	0.02	0.46	11.62	0.85	4.48	0.02	0.07	0.21	5.30	0.39
460+50.00	18.56	0.34	0.29	5.74	155.10	11.37	4.57	0.29	0.25	1.23	36.01	2.64
461+00.00	18.56	0.46	0.41	7.31	326.33	23.93	4.65	0.41	0.42	1.95	79.41	5.82
461+50.00	18.45	0.47	0.27	6.36	341.77	25.06	4.73	0.27	0.24	1.21	78.83	5.78
462+00.00	18.20	0.35	0.17	4.72	276.94	20.31	4.81	0.17	0.09	0.57	44.34	3.25
462+50.00	17.98	0.29	0.19	4.19	222.82	16.34	4.90	0.19	0.14	0.79	33.86	2.48
463+00.00	17.86	0.29	0.29	5.27	236.54	17.35	4.97	0.29	0.22	1.27	51.40	3.77
463+50.00	17.79	0.28	0.44	7.27	313.38	22.98	5.05	0.44	0.37	2.05	83.00	6.09
464+00.00	17.91	0.23	0.10	1.68	223.74	16.41	5.13	0.10	0.13	0.54	64.84	4.75
464+50.00	18.12	0.23	0.20	3.24	123.18	9.03	5.21	0.20	0.24	1.07	40.42	2.96
465+00.00	18.15	0.24	0.21	3.85	177.25	13.00	5.17	0.21	0.23	1.13	55.12	4.04
465+50.00	18.18	0.38	0.32	5.58	235.77	17.29	5.10	0.32	0.34	1.68	70.28	5.15
466+00.00	18.21	0.55	0.48	7.10	316.98	23.25	5.10	0.48	0.51	2.54	105.41	7.73
466+50.00	18.22	0.42	0.46	6.68	344.31	25.25	4.98	0.46	0.48	2.34	121.96	8.94
467+00.00	18.24	0.21	0.44	5.27	298.68	21.90	4.94	0.44	0.49	2.30	116.11	8.51
467+50.00	18.25	0.30	0.51	6.40	291.87	21.40	4.92	0.51	0.54	2.62	123.11	9.03
468+00.00	18.27	0.44	0.55	8.92	383.00	28.09	4.84	0.55	0.54	2.64	131.61	9.65
468+50.00	18.28	0.41	0.54	7.79	417.61	30.62	4.81	0.54	0.55	2.65	132.27	9.70
469+00.00	18.30	0.41	0.24	4.80	314.82	23.09	4.83	0.24	0.28	1.24	97.24	7.13
469+50.00	0.00	0.00	0.00	0.00	120.09	8.81	0.00	0.00	0.00	0.00	31.03	2.28
					TOTAL	376.33					TOTAL	110.09

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO. 19
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

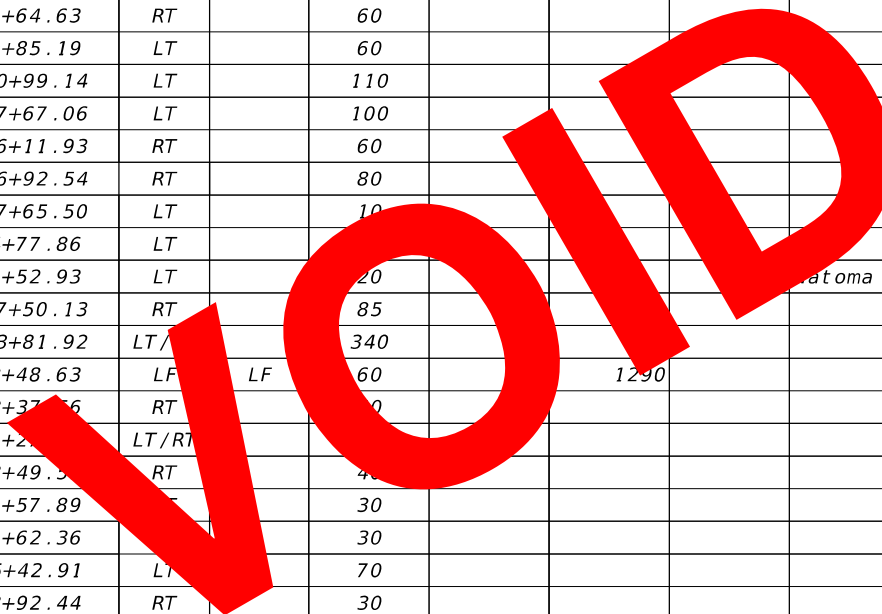
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LUMP SUM ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101 1	MOBILIZATION	1			

SUMMARY OF GENERAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION TO STATION		SIDE	UNITS	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F			P	F				
0591 1 43	IRRIGATION SLEEVE, 2" DIAMETER	30+36.43		LT	LF	40		1195			
		37+01.98	to	37+12.78	LT		10				
		41+70.96	to	41+71.98	RT		50				
		51+07.00	to	51+08.22	LT		60				
		67+98.22	to	68+49.57	RT		40				
		70+35.28	to	70+57.89	RT		30				
		71+35.85	to	71+62.36	RT		30				
		79+64.37	to	79+64.63	RT		60				
		90+84.11	to	90+85.19	LT		60				
		409+90.78	to	410+99.14	LT		110				
		416+73.01	to	417+67.06	LT		100				
		426+11.81	to	426+11.93	RT		60				
		436+91.49	to	436+92.54	RT		80				
		437+65.09	to	437+65.50	LT		10				
		34+76.37	to	34+77.86	LT		20				
		31+36.18	to	31+52.93	LT		85				Natoma Blvd.
467+49.18	to	467+50.13	RT		85						
470+47.00	to	473+81.92	LT/RT		340						
0591 1 44	IRRIGATION SLEEVE, 4" DIAMETER	62+48.03	to	62+48.63	LF	LF	60		1290		
		62+36.73	to	62+37.06	RT		0				
		67+17.62	to	67+21.06	LT/RT		0				
		67+98.22	to	68+49.57	RT		40				
		70+35.28	to	70+57.89	RT		30				
		71+35.85	to	71+62.36	RT		30				
		74+79.64	to	75+42.91	LT		70				
		73+65.49	to	73+92.44	RT		30				
		76+48.91	to	76+75.54	RT		30				
		77+92.71	to	78+22.50	RT		30				
		79+21.23	to	79+40.34	RT		20				
		82+37.00	to	83+23.18	RT		90				
		86+47.43	to	86+47.65	RT		60				
		436+80.47	to	436+81.36	LT/RT		160				
		449+44.79	to	449+47.36	RT		90				
		449+52.53	to	449+56.50	RT		90				
449+47.48	to	449+48.98	LT		60						
449+61.30	to	449+64.08	LT		60						
459+84.63	to	459+86.02	RT		80						
31+19.15	to	31+21.21	LT/RT		70				Natoma Blvd.		
0591 1 45	IRRIGATION SLEEVE, 6" DIAMETER	41+74.69	to	41+78.69	LT/RT	LF	120		170		
		46+44.91	to	46+87.60	RT		50				



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SQ-1
					SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LUMP SUM ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101 1	MOBILIZATION	1			

SUMMARY OF GENERAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION TO STATION		SIDE	UNITS	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F			P	F				
0591 1 43	IRRIGATION SLEEVE, 2" DIAMETER	37+01.98	to 37+12.78	LT	LF	10		905	△ ₁		
		41+70.96	to 41+71.98	RT		50					
		51+07.00	to 51+08.22	LT		60					
		67+98.22	to 68+49.57	RT		40					
		70+35.28	to 70+57.89	RT		30					
		71+35.85	to 71+62.36	RT		30					
		79+64.37	to 79+64.63	RT		60					
		90+84.11	to 90+85.19	LT		60					
		436+91.49	to 436+92.54	RT		80					
		437+65.09	to 437+65.50	LT		10					
		31+36.18	to 31+52.93	LT		20					
		467+49.18	to 467+50.13	RT		85					
		470+47.00	to 473+81.92	LT/RT		340					
		444+80.00	to 445+20.00	RT		30					
0591 1 44	IRRIGATION SLEEVE, 4" DIAMETER	62+48.03	to 62+48.63	LF	LF	60		75	△ ₁		
		62+36.73	to 62+37.56	RT		60					
		67+17.62	to 67+27.00	LT/RT		130					
		67+98.22	to 68+49.57	RT		40					
		70+35.28	to 70+57.89	RT		30					
		71+35.85	to 71+62.36	RT		30					
		74+79.64	to 75+42.91	LT		30					
		73+65.49	to 73+92.44	RT		30					
		76+48.91	to 76+75.54	RT		30					
		77+92.71	to 78+22.50	RT		30					
		79+21.23	to 79+40.34	RT		20					
		82+37.00	to 83+23.18	RT		90					
		86+47.43	to 86+47.65	RT		60					
		436+80.47	to 436+81.36	LT/RT		160					
		449+44.79	to 449+47.36	RT		90					
		449+52.53	to 449+56.50	RT		90					
		449+47.48	to 449+48.98	LT		60					
		449+61.30	to 449+64.08	LT		60					
459+84.63	to 459+86.02	RT		80							
31+19.15	to 31+21.21	LT/RT		70							
0591 1 45	IRRIGATION SLEEVE, 6" DIAMETER	41+74.69	to 41+78.69	LT/RT	LF	120		170	△ ₁		Natoma Blvd.
		46+44.91	to 46+87.60	RT		50					

VOID

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>05/17/17</td> <td>JLC △₁ MODIFIED QUANTITIES 591-1-43, 591-1-44</td> <td></td> <td></td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION	05/17/17	JLC △ ₁ MODIFIED QUANTITIES 591-1-43, 591-1-44			<p align="center">MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877</p>		<p align="center">STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>SR 46</td> <td>LAKE</td> <td>238275-2-52-01</td> </tr> </tbody> </table>		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 46	LAKE	238275-2-52-01	<p align="center">SUMMARY OF QUANTITIES</p>		<p align="center">SHEET NO. SQ-1</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																					
05/17/17	JLC △ ₁ MODIFIED QUANTITIES 591-1-43, 591-1-44																							
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																						
SR 46	LAKE	238275-2-52-01																						

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SUMMARY OF LUMP SUM ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101 1	MOBILIZATION	1			

SUMMARY OF GENERAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION TO STATION		SIDE	UNITS	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F			P	F				
0591 1 43	IRRIGATION SLEEVE, 2" DIAMETER	37+01.98	t o 37+12.78	LT	LF	10		905	△		
		41+70.96	t o 41+71.98	RT		50					
		51+07.00	t o 51+08.22	LT		60					
		67+98.22	t o 68+49.57	RT		40					
		70+35.28	t o 70+57.89	RT		30					
		71+35.85	t o 71+62.36	RT		30					
		79+64.37	t o 79+64.63	RT		60					
		90+84.11	t o 90+85.19	LT		60					
		436+91.49	t o 436+92.54	RT		80					
		437+65.09	t o 437+65.50	LT		10					
		31+36.18	t o 31+52.93	LT		20					Natoma Blvd.
		467+49.18	t o 467+50.13	RT		85					
		470+47.00	t o 473+81.92	LT/RT		340					
		444+80.00	t o 445+20.00	RT		30					
0591 1 44	IRRIGATION SLEEVE, 4" DIAMETER	62+48.03	t o 62+48.63	LF	LF	60		1375	△		
		62+36.73	t o 62+37.56	RT		60					
		67+17.62	t o 67+27.00	LT/RT		130					
		67+98.22	t o 68+49.57	RT		40					
		70+35.28	t o 70+57.89	RT		30					
		71+35.85	t o 71+62.36	RT		30					
		74+79.64	t o 75+42.91	LT		70					
		73+65.49	t o 73+92.44	RT		30					
		76+48.91	t o 76+75.54	RT		30					
		77+92.71	t o 78+22.50	RT		30					
		79+21.23	t o 79+40.34	RT		20					
		82+37.00	t o 83+23.18	RT		90					
		86+47.43	t o 86+47.65	RT		60					
		436+80.47	t o 436+81.36	LT/RT		160					
		449+44.79	t o 449+47.36	RT		90					
		449+52.53	t o 449+56.50	RT		90					
		449+47.48	t o 449+48.98	LT		60					
		449+61.30	t o 449+64.08	LT		60					
459+84.63	t o 459+86.02	RT		80							
31+19.15	t o 31+21.21	LT/RT		70					Natoma Blvd.		
460+74.90	t o 460+75.00	LT		85		△					
0591 1 45	IRRIGATION SLEEVE, 6" DIAMETER	41+74.69	t o 41+78.69	LT/RT	LF	120		170			
		46+44.91	t o 46+87.60	RT		50					
0751 42	BAT ABODE	219+17			EA	1		1		Ramp XX Bridge See Structures Plans	

△ 3

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
05/17/17	JLC △ 1 MODIFIED QUANTITIES 591-1-43, 591-1-44			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	SUMMARY OF QUANTITIES SQ-1
8/11/17	fwa △ 3 ADDED ITEM 751-42							

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE I			PHASE II			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	P	F		
			DAYS	P	P	DAYS	P	P				
0102 1	MAINTENANCE OF TRAFFIC	LS	529	1	1	172			1		850 CONSTRUCTION DAYS	
0102 2 1	SPECIAL DETOUR 1	LS	529	1	1	172			1			
0102 2 2	SPECIAL DETOUR 2	LS	529	1	1	172			1			
0102 2 3	SPECIAL DETOUR 3	LS	529			172	1	1	1			
0102 2 4	SPECIAL DETOUR 4	LS	529			172	1	1	1			
0102 2 5	SPECIAL DETOUR 5	LS	529			172	1	1	1			
0102 2 6	SPECIAL DETOUR 6	LS	529	1	1	172			1			
0102 2 7	SPECIAL DETOUR 7	LS	529			172	1	1	1			
0102 2 8	SPECIAL DETOUR 8	LS	529	1	1	172			1			
0102 60	WORK ZONE SIGN	ED	529		14746	172		3780	18526			
0102 71 11	BARRIER WALL, TEMPORARY, F&I, CONCRETE	LF	529	809	809	172			809			
0102 74 1	CHANNELIZING DEVICE - TYPES I, II, DI, VP, DRUM OR LCD	ED	529		166944	172		68980	235924			
0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	529		2690	172		3314	6004			
0102 89 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	529	6	6	172			6			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	529		56	172		56	112			
71011101	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID, 6"	GM	529	3	3	172	8	8	11			
71011131	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 10-30/3-9, 6"	GM	529	0.44	0.44	172	0.91	0.91	1.35			
71011141	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 2-4 DOTTED, 6"	GM	529	0.01	0.01	172	0.13	0.13	0.13			
71011170	PAINTED PAVEMENT MARKINGS, STD., WHITE, ARROWS	EA	529	5	5	172	13	13	18			
71011201	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID, 6"	GM	529	3	3	172	8		11			

0102 1 : INCLUDES TEMPORARY DRAINAGE PER THE TEMP. TRAFFIC CONTROL PLANS
 INCLUDES PCMS DURING LANE CLOSURES, PCMS PRIOR TO LANE CLOSURES SHOWN IN TABLE
 INCLUDES COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE

VOID

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SQ-2
					SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE I			PHASE II			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	P	F		
			DAYS	P	P	DAYS	P	P				
0102 1	MAINTENANCE OF TRAFFIC	LS	529	1	1	172			1		850 CONSTRUCTION DAYS	
0102 2 1	SPECIAL DETOUR 1	LS	529	1	1	172			1			
0102 2 2	SPECIAL DETOUR 2	LS	529	1	1	172			1			
0102 2 3	SPECIAL DETOUR 3	LS	529			172	1	1	1			
0102 2 4	SPECIAL DETOUR 4	LS	529			172	1	1	1			
0102 2 5	SPECIAL DETOUR 5	LS	529			172	1	1	1			
0102 2 6	SPECIAL DETOUR 6	LS	529	1	1	172			1			
0102 2 7	SPECIAL DETOUR 7	LS	529			172	1	1	1			
0102 2 8	SPECIAL DETOUR 8	LS	529	1	1	172			1			
0102 60	WORK ZONE SIGN	ED	529		14746	172		3780	18526			
0102 71 11	BARRIER WALL, TEMPORARY, F&I, CONCRETE	LF	529	809	809	172			809			
0102 74 1	CHANNELIZING DEVICE - TYPES I, II, DI, VP, DRUM OR LCD	ED	529		166944	172		68980	235924			
0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	529		2690	172		3314	6004			
0102 89 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	529	6	6	172			6			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	529		56	172		56	112			
71011101	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID, 6"	GM	529	3	3	172	8	8	11			
71011131	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 10-30/3-9, 6"	GM	529	1.77	1.77	172	3.26	3.26	5.03	3		
71011141	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 2-4 DOTTED, 6"	GM	529	0.01	0.01	172	0.13	0.13	0.13			
71011170	PAINTED PAVEMENT MARKINGS, STD., WHITE, ARROWS	EA	529	5	5	172	13	13	18			
71011201	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID, 6"	GM	529	3	3	172	8	8	11			

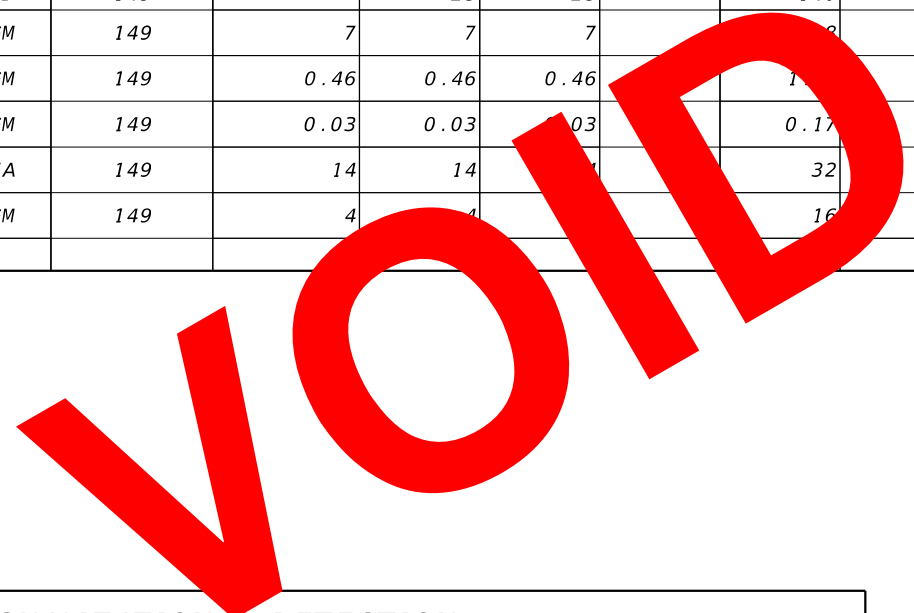
0102 1 : INCLUDES TEMPORARY DRAINAGE PER THE TEMP. TRAFFIC CONTROL PLANS
 INCLUDES PCMS DURING LANE CLOSURES, PCMS PRIOR TO LANE CLOSURES SHOWN IN TABLE
 INCLUDES COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-2
8/11/17	fwa 3		MODIFIED QUANTITIES 710-11-131		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 46	LAKE	238275-2-52-01			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE III			TOTAL		GRAND TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	P	F	P	F		
			DAYS	P	P						
0102 1	MAINTENANCE OF TRAFFIC	LS	149					1		850 CONSTRUCTION DAYS	
0102 2 1	SPECIAL DETOUR 1	LS	149					1			
0102 2 2	SPECIAL DETOUR 2	LS	149					1			
0102 2 3	SPECIAL DETOUR 3	LS	149					1			
0102 2 4	SPECIAL DETOUR 4	LS	149					1			
0102 2 5	SPECIAL DETOUR 5	LS	149					1			
0102 2 6	SPECIAL DETOUR 6	LS	149					1			
0102 2 7	SPECIAL DETOUR 7	LS	149					1			
0102 2 8	SPECIAL DETOUR 8	LS	149					1			
0102 60	WORK ZONE SIGN	ED	149	4	596	596		19122			
0102 71 11	BARRIER WALL, TEMPORARY, F&I, CONCRETE	LF	149					809			
0102 74 1	CHANNELIZING DEVICE - TYPES I, II, DI, VP, DRUM OR LCD	ED	149		69285	69285		305209			
0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	149	3	447	447		6451			
0102 89 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	149					6			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	149		28	28		140			
71011101	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID, 6"	GM	149	7	7	7		8			
71011131	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 10-30/3-9, 6"	GM	149	0.46	0.46	0.46		1			
71011141	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 2-4 DOTTED, 6"	GM	149	0.03	0.03	0.03		0.17			
71011170	PAINTED PAVEMENT MARKINGS, STD., WHITE, ARROWS	EA	149	14	14	14		32			
71011201	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID, 6"	GM	149	4	4	4		16			



SUMMARY OF TEMPORARY SIGNALIZATION & DETECTION

PHASE	DURATION	0102104						0102107 1						
		TEMPORARY SIGNALS & MAINTENANCE OF INTERSECTION - EACH DAY						TEMPORARY TRAFFIC DETECTION & MAINTENANCE OF INTERSECTION - EACH DAY						
		EXISTING			TEMPORARY			EXISTING			TEMPORARY/NEW			
		DAYS	#	P	F	#	P	F	#	P	F	#	P	F
1	408				1	408				1	408			
1A	123				1	123				1	123			
2	142				1	142				1	142			
2A	30				1	30				1	30			
SUB-TOTAL						703					703			
TOTAL						703					703			

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. SQ-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	

SUMMARY OF QUANTITIES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE III			TOTAL		GRAND TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	P	F	P	F		
			DAYS	P	P						
0102 1	MAINTENANCE OF TRAFFIC	LS	149					1		850 CONSTRUCTION DAYS	
0102 2 1	SPECIAL DETOUR 1	LS	149					1			
0102 2 2	SPECIAL DETOUR 2	LS	149					1			
0102 2 3	SPECIAL DETOUR 3	LS	149					1			
0102 2 4	SPECIAL DETOUR 4	LS	149					1			
0102 2 5	SPECIAL DETOUR 5	LS	149					1			
0102 2 6	SPECIAL DETOUR 6	LS	149					1			
0102 2 7	SPECIAL DETOUR 7	LS	149					1			
0102 2 8	SPECIAL DETOUR 8	LS	149					1			
0102 60	WORK ZONE SIGN	ED	149	4	596	596		19122			
0102 71 11	BARRIER WALL, TEMPORARY, F&I, CONCRETE	LF	149					809			
0102 74 1	CHANNELIZING DEVICE - TYPES I, II, DI, VP, DRUM OR LCD	ED	149		69285	69285		305209			
0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	149	3	447	447		6451			
0102 89 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	149					6			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	149		28	28		140			
71011101	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID, 6"	GM	149	7	7	7		18			
71011131	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 10-30/3-9, 6"	GM	149	1.83	1.83	1.83		6.86	3		
71011141	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 2-4 DOTTED, 6"	GM	149	0.03	0.03	0.03		0.17			
71011170	PAINTED PAVEMENT MARKINGS, STD., WHITE, ARROWS	EA	149	14	14	14		32			
71011201	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID, 6"	GM	149	4	4	4		16			

SUMMARY OF TEMPORARY SIGNALIZATION & DETECTION

PHASE	DURATION	0102104						0102107 1						
		TEMPORARY SIGNALS & MAINTENANCE OF INTERSECTION - EACH DAY						TEMPORARY TRAFFIC DETECTION & MAINTENANCE OF INTERSECTION - EACH DAY						
		EXISTING			TEMPORARY			EXISTING			TEMPORARY/NEW			
		DAYS	#	P	F	#	P	F	#	P	F	#	P	F
1	408				1	408				1	408			
1A	123				1	123				1	123			
2	142				1	142				1	142			
2A	30				1	30				1	30			
SUB-TOTAL						703					703			
TOTAL						703					703			

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
8/11/17	fwa 3 MODIFIED QUANTITIES 710-11-131			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	SUMMARY OF QUANTITIES SQ-3

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11		0104 15		0104 18			
			LF		LF		EA		EA			
			P	F	P	F	P	F	P	F		
32+62.62 to 32+80.83	LT		24.4									
32+84.86 to 33+09.17	LT		24.8									
42+60.10 to 46+32.15	RT		427.6									
43+50.00 to 46+50.00	LT		280.3									
48+00.00 to 53+32.78	LT		535.5									
51+59.23 to 57+63.15	RT		1393.7									
53+50.00 to 65+30.64	LT		1212.5									
60+44.70 to 66+00.00	RT		667.3									
68+00.00 to 68+65.65	RT		64.1									
68+94.20 to 70+38.20	RT		140.8									
70+58.38 to 71+38.01	RT		79.0									
71+61.41 to 73+68.61	RT		203.1									
74+00.00 to 76+50.00	RT		243.9									
76+50.00 to 80+26.96	LT		1289.3									
76+74.12 to 77+96.61	RT		123.3									
78+19.53 to 79+23.66	RT		119.2									
79+40.15 to 82+00.00	RT		259.9									
83+50.00 to 92+00.00	RT		850.4									
84+75.42 to 89+88.76	LT		760.5									
425+30.25 to 425+30.25	LT		24.7									
425+56.13 to 425+56.13	RT		24.9									
425+63.73 to 425+63.73	RT		24.9									
425+85.35 to 425+85.35	LT		24.9									
426+31.88 to 426+31.88	LT		25.7									
426+36.74 to 426+36.74	RT		26.1									
426+47.14 to 426+47.14	LT		24.9									
426+70.81 to 426+70.81	RT		24.9									
451+53.16 to 463+65.60	RT		1276.9									
457+00.39 to 457+00.47	RT		0.1									
457+11.82 to 477+52.40	LT		2044.8									
470+20.96 to 475+00.00	RT		479.0									
65+94.51 to 73+56.69	LT				786.9							
24+61.47 to 24+82.50	LT								1			
25+19.21 to 25+19.21	LT								1			
25+70.00 to 25+83.06	LT								1			
26+20.00 to 26+33.00	LT								1			
27+25.00 to 27+38.07	LT								1			
27+77.49 to 27+90.73	LT								1			
28+13.13 to 28+13.13	LT								1			
28+37.13 to 28+37.13	LT								1			
30+10.17 to 30+23.17	LT								1			
30+10.24 to 30+23.49	RT								1			
31+60.23 to 31+73.22	LT								1			
32+95.00 to 33+08.00	RT								1			
32+95.00 to 33+08.09	LT								1			
33+80.02 to 33+93.48	RT								1			
SUB-TOTAL :			12701.4		786.9				14			
TOTAL :			12701		787		4		96			

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-4

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11		0104 15		0104 18			
			LF		LF		EA		EA			
			P	F	P	F	P	F	P	F		
34+10.02 to 34+23.38	RT									1		
34+40.00 to 34+53.49	LT									1		
35+54.31 to 35+54.44	LT									1		
35+58.31 to 35+58.44	LT									1		
35+98.26 to 35+98.61	LT									1		
36+16.60 to 36+16.90	RT									1		
36+57.00 to 36+70.41	LT									1		
36+87.51 to 37+00.52	RT									1		
38+10.00 to 38+23.03	RT									1		
38+17.50 to 38+22.50	LT									1		
39+37.14 to 39+50.79	LT									1		
39+45.11 to 39+57.97	RT									1		
39+46.27 to 39+51.42	LT									1		
40+32.13 to 40+45.91	LT									1		
41+86.61 to 42+00.12	LT									1		
41+87.10 to 42+00.06	RT									1		
41+96.85 to 42+09.27	RT									1		
42+00.51 to 42+12.17	RT									1		
42+32.10 to 42+45.09	RT									1		
45+29.63 to 45+43.11	LT									1		
45+36.05 to 45+45.13	RT									1		
45+37.50 to 45+42.50	LT									1		
45+38.10 to 45+45.88	RT									1		
46+05.36 to 46+18.84	LT									1		
46+31.00 to 46+36.00	LT									1		
46+31.82 to 46+37.03	RT									1		
46+50.98 to 46+56.29	RT									1		
46+64.63 to 46+78.19	LT									1		
47+29.51 to 47+37.30	LT									1		
48+60.00 to 48+73.06	LT									1		
50+03.10 to 50+16.38	LT									1		
50+05.00 to 50+18.25	RT									1		
53+05.00 to 53+18.00	LT									1		
53+05.00 to 53+18.00	RT									1		
53+11.07 to 53+18.55	RT									1		
53+11.25 to 53+18.73	RT									1		
54+80.33 to 54+93.30	RT									1		
55+21.42 to 55+34.33	RT									1		
55+22.00 to 55+35.38	RT									1		
56+11.40 to 56+18.53	RT									1		
56+90.00 to 57+10.00	LT									1		
56+92.74 to 57+12.68	RT									1		
59+85.00 to 59+98.08	RT									1		
61+89.82 to 62+10.19	RT									1		
61+89.82 to 62+10.19	RT									1		
61+90.17 to 62+09.82	LT									1		
61+90.17 to 62+09.82	LT									1		
SUB-TOTAL :											47	

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-5

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11		0104 15		0104 18			
			LF		LF		EA		EA			
P	F	P	F	P	F	P	F	P	F			
67+39.82 to 67+60.19	RT									1		
67+92.14 to 68+07.86	LT									1		
69+06.95 to 69+20.18	RT									1		
69+07.54 to 69+18.36	LT									1		
71+81.97 to 71+92.79	LT									1		
72+39.82 to 72+60.18	RT									1		
72+92.14 to 73+08.01	LT									1		
72+96.95 to 73+10.18	RT									1		
74+16.95 to 74+30.18	RT									1		
74+91.63 to 74+98.76	LT									1		
75+28.31 to 75+35.60	LT									1		
77+57.50 to 77+62.50	RT									1		
77+70.00 to 77+83.30	RT									1		
77+75.00 to 77+88.30	LT									1		
78+89.99 to 79+09.99	LT									1		
78+90.01 to 79+10.01	RT									1		
83+90.00 to 84+10.00	RT									1		
83+90.00 to 84+10.00	LT									1		
86+97.00 to 87+10.00	RT									1		
86+97.00 to 87+10.00	LT									1		
93+27.00 to 93+40.20	RT									1		
93+27.00 to 93+40.37	LT									1		
427+82.00 to 427+95.00	LT									1		
428+40.50 to 428+53.50	RT									1		
428+40.50 to 428+53.50	LT									1		
428+82.00 to 428+95.00	RT									1		
429+26.00 to 429+39.00	RT									1		
429+70.00 to 429+83.00	RT									1		
438+77.00 to 438+90.00	RT									1		
438+77.00 to 438+90.00	LT									1		
440+41.00 to 440+54.03	RT									1		
441+07.00 to 441+20.02	RT									1		
441+07.50 to 441+12.50	LT									1		
441+27.50 to 441+32.50	LT									1		
441+57.50 to 441+62.50	LT									1		
SR 46	RT							2				
SR 500	RT							2				
SUB-TOTAL:								4		35		

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-6
					ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	ROAD NO. SR 46	COUNTY LAKE		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
					AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA					
							AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)				
1	24+69.85 TO 27+40.00	RT	529	30	47647	18	0.157	2.768								
1	24+69.95 TO 27+40.00	LT	529	30	47636	18	0.182	3.209								
1	27+40.00 TO 27+48.10	RT	529	30	47654	18	0.003	0.053								
1	27+40.00 TO 32+80.00	LT	529	30	47658	18	0.864	15.235								
1	27+73.40 TO 32+80.00	RT	529	30	47732	18	0.613	10.809								
1	32+80.00 TO 33+21.41	LT	529	30	47741	18	0.048	0.846								
1	32+80.00 TO 33+32.40	RT	529	30	47757	18	0.083	1.464								
1	33+64.02 TO 38+20.00	LT	529	30	47746	18	1.450	25.568								
1	33+64.13 TO 38+20.00	RT	529	30	47762	18	1.594	28.108								
1	37+80.16 TO 45+11.99	RT	529	30	47832	18	3.577	63.074								
1	38+13.15 TO 43+60.00	RT	529	30	47769	18	1.631	28.760								
1	38+20.00 TO 43+60.00	LT/RT	529	30	47783	18	1.444	25.463								
1	38+32.22 TO 38+98.95	RT	529	30	47817	18	0.008	0.141								
1	38+98.95 TO 40+08.88	RT	529	30	47822	18	0.006	0.106								
1	40+08.94 TO 43+60.00	RT	529	30	47845	18	0.142	2.504								
1	43+60.00 TO 49+00.00	LT/RT	529	30	139890	18	1.859	32.780								
1	43+60.00 TO 46+70.98	RT	529	30	47850	18	0.484	8.535								
1	43+60.00 TO 46+34.42	RT	529	30	47859	18	0.227	4.003								
1	44+62.76 TO 46+17.04	RT	529	30	47865	18	0.305	5.378								
1	45+32.43 TO 46+22.80	RT	529	30	47878	18	0.089	1.569								
1	45+64.98 TO 46+55.72	RT	529	30	47885	18	0.054	0.952								
1	46+04.75 TO 46+40.87	RT	529	30	47873	18	0.019	0.335								
1	46+38.25 TO 46+83.50	RT	529	30	47892	18	0.030	0.529								
1	46+55.98 TO 47+42.23	RT	529	30	47914	18	0.089	1.569								
1	46+60.95 TO 49+00.00	RT	529	30	47898	18	0.347	6.119								
1	46+83.50 TO 49+00.00	RT	529	30	47909	18	0.208	3.668								
1	46+91.91 TO 53+65.70	RT	529	30	47918	18	2.996	52.829								
1	49+00.00 TO 54+40.00	RT	529	30	47925	18	0.874	15.412								
1	49+00.00 TO 54+40.00	RT	529	30	47937	18	0.595	10.492								
1	49+00.00 TO 54+40.00	LT/RT	529	30	47961	18	1.163	20.508								
1	49+00.00 TO 54+40.00	LT	529	30	47969	18	0.342	6.031								
1	53+77.76 TO 61+32.50	RT	529	30	48077	18	5.821	102.644								
1	54+40.00 TO 55+27.19	LT	529	30	47976	18	0.051	0.899								
1	54+40.00 TO 59+80.00	LT/RT	529	30	47981	18	1.481	26.115								
1	57+16.64 TO 57+16.64	RT	529	30	47946	18	1.530	26.979								
1	59+80.00 TO 65+20.00	LT/RT	529	30	48085	18	1.485	26.186								
1	59+80.00 TO 65+20.00	RT	529	30	48096	18	0.296	5.219								
1	59+80.00 TO 61+97.03	RT	529	30	48109	18	0.425	7.494								
1	65+20.00 TO 70+60.00	LT/RT	529	30	48125	18	1.185	20.896								
1	65+20.00 TO 70+60.00	RT	529	30	48136	18	0.231	4.073								
1	70+60.00 TO 76+00.00	LT/RT	529	30	48142	18	1.212	21.372								
1	70+60.00 TO 76+00.00	RT	529	30	48153	18	0.169	2.980								
1	76+00.00 TO 81+40.00	LT/RT	529	30	48158	18	1.404	24.757								
1	76+00.00 TO 81+40.00	RT	529	30	48166	18	0.215	3.791								
1	81+40.00 TO 86+80.00	LT/RT	529	30	48173	18	1.612	28.425								
1	81+40.00 TO 86+80.00	RT	529	30	48180	18	0.246	4.338								
1	86+80.00 TO 92+20.00	LT/RT	529	30	48186	18	1.757	30.982								
								SUB-TOTAL:	715.966						SUB-TOTAL:	
								TOTAL:	2259.94						TOTAL:	1019.41

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		DEPARTMENT OF TRANSPORTATION			
					ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	SUMMARY OF QUANTITIES
								SQ-7

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS	
					0107 1				0107 2						
	AREA ID				CYCLES	AC/CYCLE	TOTAL (AC)	AREA ID	CYCLES	AC/CYCLE	TOTAL (AC)	AREA			
												P			F
1	86+80.00 TO 92+20.00	RT	529	30	48205	18	0.288	5.078							
1	90+50.51 TO 92+20.00	LT	529	30	48248	18	0.271	4.779							
1	90+90.98 TO 94+73.16	LT	529	30	48255	18	1.348	23.770							
1	92+20.00 TO 92+60.63	RT	529	30	48216	18	0.042	0.741							
1	92+20.00 TO 97+60.00	LT/RT	529	30	48232	18	1.568	27.649							
1	92+20.00 TO 94+74.35	LT	529	30	48240	18	0.588	10.368							
1	92+80.46 TO 97+60.00	RT	529	30	48222	18	0.357	6.295							
1	403+80.00 TO 409+60.00	LT	529	30	48571	18	0.779	13.736							
1	403+80.00 TO 409+60.00	RT	529	30	48596	18	0.786	13.860							
1	404+02.75 TO 409+60.00	LT/RT	529	30	48580	18	0.289	5.096							
1	409+60.00 TO 415+00.00	RT	529	30	48536	18	0.876	15.447							
1	409+60.00 TO 410+14.48	LT	529	30	48554	18	0.063	1.111							
1	409+60.00 TO 410+15.50	LT/RT	529	30	48559	18	0.028	0.494							
1	410+14.75 TO 410+73.91	LT/RT	529	30	48545	18	0.025	0.441							
1	410+49.47 TO 415+00.00	LT	529	30	48443	18	0.569	10.033							
1	410+71.15 TO 415+00.00	LT/RT	529	30	48449	18	0.248	4.373							
1	415+00.00 TO 417+13.90	LT	529	30	48407	18	0.313	5.519							
1	415+00.00 TO 416+84.17	LT/RT	529	30	48422	18	0.100	1.763							
1	415+00.00 TO 417+03.02	RT	529	30	48429	18	0.377	6.648							
1	417+23.22 TO 420+40.00	RT	529	30	48388	18	0.694	12.238							
1	417+36.71 TO 420+40.00	LT	529	30	48375	18	0.419	7.388							
1	417+64.57 TO 420+40.00	LT/RT	529	30	48383	18	0.161	2.839							
1	420+40.00 TO 425+80.00	LT	529	30	48338	18	0.829	14.618							
1	420+40.00 TO 425+80.00	LT/RT	529	30	48348	18	0.474	8.358							
1	420+40.00 TO 425+80.00	RT	529	30	48358	18	1.165	20.543							
1	425+80.00 TO 431+20.00	LT	529	30	48313	18	0.933	16.452							
1	425+80.00 TO 431+20.00	LT/RT	529	30	48323	18	1.289	22.729							
1	425+80.00 TO 427+01.71	LT/RT	529	30	48330	18	0.081	1.428							
1	431+20.00 TO 436+60.00	LT	529	30	48294	18	0.708	12.484							
1	431+20.00 TO 436+60.00	LT/RT	529	30	48304	18	1.764	31.105							
1	436+60.00 TO 439+74.70	LT	529	30	48270	18	0.246	4.338							
1	436+60.00 TO 441+99.99	LT/RT	529	30	48276	18	3.462	61.047							
1	437+73.49 TO 441+95.95	RT	529	30	48285	18	0.493	8.693							
1	437+90.00 TO 442+10.91	LT	529	30	48262	18	0.364	6.419							
1	444+36.59 TO 448+99.79	RT	529	30	48634	18	1.474	25.992							
1	444+94.63 TO 448+59.13	LT	529	30	48620	18	0.365	6.436							
1	445+40.00 TO 447+74.22	LT	529	30	48606	18	0.200	3.527							
1	445+40.00 TO 450+80.00	LT/RT	529	30	48625	18	2.527	44.559							
1	446+52.27 TO 449+09.24	LT	529	30	48613	18	0.233	4.109							
1	448+99.79 TO 449+56.94	RT	529	30	48641	18	0.010	0.176							
1	449+01.99 TO 450+85.43	LT	529	30	48645	18	0.235	4.144							
1	449+06.29 TO 454+70.39	LT	529	30	48651	18	0.196	3.456							
1	450+78.76 TO 456+20.00	LT	529	30	48657	18	1.408	24.828							
1	450+80.00 TO 456+20.00	LT/RT	529	30	48666	18	1.882	33.186							
1	456+20.00 TO 461+60.00	LT	529	30	48675	18	1.068	18.832							
1	456+20.00 TO 461+60.00	LT/RT	529	30	48685	18	1.955	34.473							
1	459+44.17 TO 461+60.00	LT/RT	529	30	48694	18	0.094	1.658							
1	461+60.00 TO 467+00.00	LT	529	30	48699	18	1.236	21.795							
					SUB-TOTAL:				615.05					SUB-TOTAL:	

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-8

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1				MOWING 0107 2				DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA			
							AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)		
1	461+60.00 TO 467+00.00	LT/RT	529	30	48707	18	0.483	8.517						
1	461+60.00 TO 467+00.00	RT	529	30	48715	18	1.413	24.916						
1	463+54.01 TO 465+02.21	RT	529	30	48833	18	0.746	13.154						
1	463+58.21 TO 467+00.00	RT	529	30	48818	18	0.140	2.469						
1	464+30.79 TO 468+39.18	RT	529	30	48826	18	3.232	56.991						
1	467+00.00 TO 472+40.00	LT	529	30	48723	18	0.697	12.290						
1	467+00.00 TO 471+11.18	LT/RT	529	30	48760	18	0.254	4.479						
1	467+00.00 TO 472+40.00	RT	529	30	48770	18	0.718	12.661						
1	467+00.00 TO 468+41.57	RT	529	30	48804	18	0.202	3.562						
1	471+93.05 TO 472+40.00	LT/RT	529	30	48798	18	0.021	0.370						
1	472+40.00 TO 477+80.00	LT	529	30	48778	18	0.690	12.167						
1	472+40.00 TO 477+80.00	LT/RT	529	30	48783	18	0.481	8.482						
1	472+40.00 TO 477+80.00	RT	529	30	48790	18	0.683	12.044						
2	24+69.81 TO 27+40.00	RT	172	30	97387	6	0.155	0.889						
2	24+70.21 TO 27+40.00	LT	172	30	97377	6	0.182	1.043						
2	27+40.00 TO 32+80.00	RT	172	30	97410	6	0.766	4.392						
2	27+40.00 TO 32+80.00	LT	172	30	97394	6	0.444	2.546						
2	29+22.17 TO 32+80.00	LT/RT	172	30	97421	6	0.099	0.568						
2	31+09.67 TO 32+37.36	LT	172	30	97444	6	0.189	1.084						
2	31+09.98 TO 31+36.41	LT	172	30	97436	6	0.027	0.155						
2	31+56.33 TO 31+70.15	LT	172	30	97430	6	0.019	0.109						
2	32+80.00 TO 35+62.90	LT	172	30	97471	6	0.735	4.214						
2	32+80.00 TO 33+70.44	LT	172	30	97464	6	0.018	0.103						
2	32+80.00 TO 35+69.51	LT/RT	172	30	97456	6	1.175	6.737						
2	36+08.70 TO 37+64.17	LT	172	30	98337	6	0.110	0.631						
2	36+12.75 TO 38+20.00	LT/RT	172	30	97484	6	0.828	4.747						
2	36+28.20 TO 38+88.07	LT	172	30	98380	6	0.298	1.709						
2	37+80.16 TO 45+11.99	RT	172	30	97533	6	3.577	20.508						
2	38+13.15 TO 43+60.00	LT/RT	172	30	97504	6	2.157	12.367						
2	38+32.22 TO 38+98.95	RT	172	30	97519	6	0.008	0.046						
2	38+72.15 TO 43+60.00	LT	172	30	97494	6	0.126	0.722						
2	38+87.95 TO 43+60.00	LT	172	30	98369	6	0.545	3.125						
2	38+98.95 TO 40+08.88	RT	172	30	97523	6	0.006	0.034						
2	40+08.94 TO 43+60.00	RT	172	30	97546	6	0.142	0.814						
2	43+59.06 TO 46+57.99	LT	172	30	149734	6	0.380	2.179						
2	43+60.00 TO 46+43.56	LT	172	30	140788	6	0.073	0.419						
2	43+60.00 TO 45+14.78	LT	172	30	97550	6	0.035	0.201						
2	43+60.00 TO 46+47.08	LT/RT	172	30	97600	6	0.880	5.045						
2	43+60.00 TO 46+03.45	RT	172	30	97606	6	0.201	1.152						
2	44+62.76 TO 45+88.93	RT	172	30	97611	6	0.259	1.485						
2	45+32.43 TO 45+54.45	RT	172	30	97617	6	0.006	0.034						
2	45+54.30 TO 49+00.00	LT/RT	172	30	150049	6	1.060	6.077						
2	46+38.83 TO 46+98.34	LT	172	30	149738	6	0.008	0.046						
2	46+55.98 TO 47+42.23	RT	172	30	97660	6	0.089	0.510						
2	46+58.90 TO 47+08.24	LT	172	30	140792	6	0.045	0.258						
2	46+83.50 TO 49+00.00	RT	172	30	97649	6	0.208	1.193						
2	46+91.91 TO 53+65.70	RT	172	30	97670	6	2.996	17.177						
2	47+23.64 TO 49+00.00	LT	172	30	149739	6	0.153	0.877						
					SUB-TOTAL:				SUB-TOTAL:					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-9

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1				MOWING 0107 2				DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA			
							AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)		
2	47+36.42 TO 49+00.00	LT	172	30	140794	6	0.008	0.036						
2	49+00.00 TO 54+40.00	LT	172	30	97708	6	0.126	0.342						
2	49+00.00 TO 54+40.00	LT	172	30	97699	6	0.126	0.225						
2	49+00.00 TO 54+40.00	LT/RT	172	30	97686	6	0.545	1.709						
2	49+00.00 TO 54+40.00	RT	172	30	97677	6	0.545	0.595						
2	49+61.69 TO 52+32.99	LT	172	30	97695	6	0.006	0.031						
2	53+77.76 TO 61+32.50	RT	172	30	97751	6	0.006	5.821						
2	54+40.00 TO 59+80.00	LT	172	30	97720	6	0.142	0.557						
2	54+40.00 TO 55+27.19	LT	172	30	97715	6	0.142	0.051						
2	54+40.00 TO 59+80.00	LT/RT	172	30	97727	6	0.035	1.458						
2	54+40.00 TO 59+80.00	RT	172	30	97740	6	0.579	0.942						
2	59+80.00 TO 65+20.00	LT	172	30	97765	6	0.090	0.542						
2	59+80.00 TO 65+20.00	LT/RT	172	30	97774	6	0.880	1.178						
2	59+80.00 TO 61+97.03	RT	172	30	97759	6	0.201	0.425						
2	65+20.00 TO 70+60.00	LT	172	30	97787	6	0.035	0.198						
2	65+20.00 TO 70+60.00	LT/RT	172	30	97797	6	0.579	1.150						
2	67+78.86 TO 70+60.00	LT	172	30	97792	6	0.090	0.054						
2	70+60.00 TO 76+00.00	LT/RT	172	30	97825	6	0.880	1.107						
2	70+60.00 TO 71+04.21	LT	172	30	97821	6	0.201	0.005						
2	70+60.00 TO 74+97.42	LT	172	30	97804	6	0.259	0.160						
2	74+36.28 TO 74+89.39	LT	172	30	97811	6	0.259	0.017						
2	74+88.81 TO 75+02.04	LT	172	30	97833	6	0.006	0.023						
2	75+23.73 TO 75+37.60	LT	172	30	97842	6	0.006	0.024						
2	75+29.20 TO 76+00.00	LT	172	30	97850	6	0.165	0.040						
2	75+73.18 TO 76+00.00	LT	172	30	97856	6	0.165	0.009						
2	76+00.00 TO 81+40.00	LT	172	30	97861	6	0.009	0.408						
2	76+00.00 TO 80+43.18	LT	172	30	97870	6	0.009	0.085						
2	76+00.00 TO 81+40.00	LT/RT	172	30	97877	6	0.071	1.211						
2	78+67.64 TO 82+31.83	LT	172	30	97888	6	0.071	4.209						
2	78+76.92 TO 81+40.00	LT	172	30	97898	6	0.008	0.518						
2	80+79.44 TO 85+40.60	LT	172	30	97906	6	0.008	2.904						
2	81+40.00 TO 84+86.98	LT	172	30	97914	6	0.807	0.694						
2	81+40.00 TO 86+80.00	LT	172	30	97925	6	0.807	0.482						
2	81+40.00 TO 86+80.00	LT/RT	172	30	97919	6	0.089	1.319						
2	86+80.00 TO 92+20.00	LT	172	30	97932	6	0.089	0.614						
2	86+80.00 TO 92+20.00	LT/RT	172	30	97961	6	0.208	1.391						
2	90+50.51 TO 92+20.00	LT	172	30	97940	6	0.208	0.271						
2	90+90.98 TO 94+73.16	LT	172	30	97946	6	2.996	1.348						
2	92+20.00 TO 94+74.35	LT	172	30	97953	6	2.996	0.588						
2	92+20.00 TO 94+00.00	LT	172	30	97970	6	0.038	0.050						
2	92+20.00 TO 94+00.00	LT/RT	172	30	97975	6	0.038	0.583						
2	403+80.58 TO 409+60.00	RT	172	30	98002	6	0.595	0.780						
2	403+87.37 TO 409+60.00	LT	172	30	97985	6	1.709	0.757						
2	404+02.75 TO 409+60.00	LT/RT	172	30	97993	6	0.225	0.289						
2	409+60.00 TO 415+00.00	RT	172	30	98029	6	0.342	0.876						
2	409+60.00 TO 410+14.48	LT	172	30	98011	6	0.595	0.063						
2	409+60.00 TO 410+15.50	LT/RT	172	30	98016	6	1.709	0.028						
2	410+14.75 TO 410+73.91	LT/RT	172	30	98020	6	0.225	0.025						
					SUB-TOTAL:				SUB-TOTAL:					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-10

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1				0107 2					
					AREA ID	CYCLES	AC/CYCLE	TOTAL (AC)	AREA ID	CYCLES	AC/CYCLE	TOTAL (AC)		
2	410+49.47 TO 415+00.00	LT	172	30	98043	6	0.569	3.262						
2	410+71.15 TO 415+00.00	LT/RT	172	30	98038	6	0.248	1.422						
2	415+00.00 TO 417+01.00	RT	172	30	98065	6	0.372	2.133						
2	415+00.00 TO 416+84.17	LT/RT	172	30	98058	6	0.100	0.573						
2	415+00.00 TO 417+13.90	LT	172	30	98049	6	0.313	1.795						
2	417+23.22 TO 420+40.00	RT	172	30	98087	6	0.694	3.979						
2	417+36.71 TO 420+40.00	LT	172	30	98074	6	0.419	2.402						
2	417+64.57 TO 420+40.00	LT/RT	172	30	98082	6	0.161	0.923						
2	420+40.00 TO 425+80.00	LT	172	30	98122	6	0.834	4.782						
2	420+40.00 TO 425+80.00	LT/RT	172	30	98111	6	0.472	2.706						
2	420+40.00 TO 425+80.00	RT	172	30	98096	6	1.161	6.656						
2	425+80.00 TO 431+20.00	LT/RT	172	30	98149	6	1.483	8.503						
2	425+80.00 TO 431+20.00	RT	172	30	98133	6	0.785	4.501						
2	425+80.00 TO 429+95.35	LT/RT	172	30	98141	6	0.182	1.043						
2	431+20.00 TO 436+60.00	RT	172	30	98165	6	0.798	4.575						
2	431+20.00 TO 436+60.00	LT/RT	172	30	98158	6	1.677	9.615						
2	436+60.00 TO 441+99.99	LT/RT	172	30	98172	6	2.198	12.602						
2	436+60.00 TO 441+99.96	RT	172	30	98178	6	1.381	7.918						
2	437+73.49 TO 441+95.95	RT	172	30	98184	6	0.493	2.827						
2	437+90.00 TO 442+10.91	LT	172	30	98189	6	0.514	2.947						
2	441+95.95 TO 442+00.00	RT	172	30	98194	6	0.001	0.006						
2	444+36.31 TO 448+99.79	RT	172	30	98356	6	1.646	9.437						
2	444+94.63 TO 449+09.24	LT	172	30	98204	6	0.915	5.246						
2	445+40.00 TO 447+74.22	LT	172	30	98199	6	0.262	1.502						
2	445+40.00 TO 450+85.43	LT/RT	172	30	98212	6	1.660	9.517						
2	447+97.48 TO 450+80.00	RT	172	30	98349	6	0.429	2.460						
2	448+99.79 TO 449+56.94	RT	172	30	98231	6	0.010	0.057						
2	449+06.29 TO 454+70.39	LT	172	30	98221	6	0.196	1.124						
2	450+78.08 TO 456+20.00	LT/RT	172	30	98244	6	2.209	12.665						
2	450+80.00 TO 456+20.00	RT	172	30	98235	6	0.900	5.160						
2	456+20.00 TO 461+60.00	LT/RT	172	30	98252	6	1.730	9.919						
2	456+20.00 TO 461+60.00	RT	172	30	98262	6	1.264	7.247						
2	461+60.00 TO 467+00.00	LT/RT	172	30	98270	6	1.904	10.916						
2	461+60.00 TO 467+00.00	RT	172	30	98277	6	1.246	7.144						
2	463+54.01 TO 465+02.21	RT	172	30	98290	6	0.746	4.277						
2	463+58.21 TO 467+00.00	RT	172	30	98284	6	0.140	0.803						
2	464+30.79 TO 468+39.18	RT	172	30	98296	6	3.232	18.530						
2	467+00.00 TO 472+40.00	LT/RT	172	30	98303	6	1.360	7.797						
2	467+00.00 TO 472+40.00	RT	172	30	98309	6	0.555	3.182						
2	467+00.00 TO 468+41.57	RT	172	30	98317	6	0.202	1.158						
2	472+40.00 TO 477+50.00	LT/RT	172	30	98323	6	1.277	7.321						
2	472+40.00 TO 477+50.00	RT	172	30	98329	6	0.496	2.844						
3	24+70.00 TO 24+96.91	LT	149	30	98474	5	0.026	0.129						
3	24+70.00 TO 27+40.00	RT	149	30	98483	5	0.143	0.710						
3	25+15.33 TO 27+40.00	LT	149	30	98492	5	0.111	0.551						
3	26+67.17 TO 27+40.00	LT/RT	149	30	98502	5	0.005	0.025						
3	27+40.00 TO 32+80.00	LT/RT	149	30	98529	5	0.348	1.728						
3	27+40.00 TO 28+14.48	LT	149	30	98511	5	0.057	0.283						
					SUB-TOTAL:				SUB-TOTAL:					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-11

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1				MOWING 0107 2				DESIGN NOTES	CONSTRUCTION REMARKS	
					AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA				
	AC/CYCLE						TOTAL (AC)	AC/CYCLE			TOTAL (AC)				
	P				F	P	F								
3	27+40.00 TO 27+48.01	RT	149	30	98506	5	0.003	0.015							
3	27+73.59 TO 32+80.00	RT	149	30	98519	5	0.458	2.275							
3	28+33.98 TO 32+80.00	LT	149	30	98536	5	0.323	1.604							
3	31+09.67 TO 32+37.36	LT	149	30	98549	5	0.189	0.939							
3	31+09.98 TO 31+36.41	LT	149	30	98561	5	0.027	0.134							
3	31+56.33 TO 31+70.15	LT	149	30	98569	5	0.019	0.094							
3	32+80.00 TO 34+96.08	LT	149	30	99676	5	0.550	2.732							
3	32+80.00 TO 34+56.82	LT/RT	149	30	98582	5	0.138	0.685							
3	32+80.00 TO 35+02.53	RT	149	30	98575	5	0.609	3.025							
3	35+40.41 TO 35+75.00	RT	149	30	98601	5	0.054	0.268							
3	35+41.35 TO 35+74.09	LT	149	30	98597	5	0.047	0.233							
3	35+95.92 TO 37+64.17	LT	149	30	99721	5	0.163	0.810							
3	36+15.42 TO 38+20.00	RT	149	30	99689	5	0.568	2.821							
3	36+24.03 TO 38+20.00	LT	149	30	99652	5	0.333	1.654							
3	36+50.90 TO 38+19.99	LT/RT	149	30	98607	5	0.161	0.800							
3	37+80.16 TO 45+11.99	RT	149	30	98674	5	3.577	17.766							
3	38+13.15 TO 43+60.00	RT	149	30	98644	5	0.293	1.455							
3	38+18.03 TO 43+60.00	RT	149	30	98635	5	0.949	4.713							
3	38+20.00 TO 39+27.20	LT	149	30	99605	5	0.041	0.204							
3	38+20.00 TO 43+60.00	LT/RT	149	30	98620	5	0.584	2.901							
3	38+32.22 TO 38+98.95	RT	149	30	98656	5	0.008	0.040							
3	38+91.47 TO 43+60.00	LT	149	30	99611	5	0.575	2.856							
3	38+98.95 TO 40+08.88	RT	149	30	98660	5	0.006	0.030							
3	40+08.94 TO 43+60.00	RT	149	30	98670	5	0.142	0.705							
3	43+59.06 TO 46+57.99	LT	149	30	149747	5	0.380	1.887							
3	43+60.00 TO 46+74.02	RT	149	30	98759	5	0.510	2.533							
3	43+60.00 TO 46+34.42	RT	149	30	98746	5	0.227	1.127							
3	43+60.00 TO 49+00.00	LT/RT	149	30	98729	5	0.496	2.463							
3	43+60.00 TO 46+43.56	LT	149	30	141074	5	0.073	0.363							
3	44+62.76 TO 46+17.04	RT	149	30	98751	5	0.305	1.515							
3	45+32.43 TO 46+20.97	RT	149	30	98776	5	0.085	0.422							
3	45+64.98 TO 46+55.72	RT	149	30	98784	5	0.045	0.224							
3	46+04.75 TO 46+36.67	RT	149	30	98771	5	0.016	0.079							
3	46+38.83 TO 47+10.85	LT	149	30	149759	5	0.008	0.040							
3	46+39.61 TO 46+83.50	RT	149	30	98792	5	0.029	0.144							
3	46+55.98 TO 47+42.23	RT	149	30	98851	5	0.089	0.442							
3	46+58.90 TO 47+08.24	LT	149	30	141116	5	0.045	0.224							
3	46+60.52 TO 49+00.00	RT	149	30	98798	5	0.325	1.614							
3	46+83.50 TO 49+00.00	RT	149	30	98855	5	0.208	1.033							
3	46+91.91 TO 53+65.70	RT	149	30	98870	5	2.996	14.880							
3	47+23.64 TO 49+00.00	LT	149	30	149764	5	0.153	0.760							
3	47+36.42 TO 49+00.00	LT	149	30	141127	5	0.036	0.179							
3	49+00.00 TO 54+40.00	LT	149	30	98810	5	0.342	1.699							
3	49+00.00 TO 54+40.00	LT	149	30	98817	5	0.225	1.118							
3	49+00.00 TO 54+40.00	LT/RT	149	30	98826	5	0.570	2.831							
3	49+00.00 TO 54+40.00	RT	149	30	98831	5	0.349	1.733							
3	49+00.00 TO 54+40.00	RT	149	30	98861	5	0.595	2.955							
3	49+00.00 TO 54+40.00	RT	149	30	98839	5	0.336	1.669							
					SUB-TOTAL:				90.69					SUB-TOTAL:	

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-12

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1				MOWING 0107 2				DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA			
							AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)		
3	53+77.76 TO 61+32.50	RT	149	30	98877	5	5.821	28.911						
3	54+40.00 TO 59+80.00	LT	149	30	98890	5	0.557	2.766						
3	54+40.00 TO 55+27.19	LT	149	30	98885	5	0.051	0.253						
3	54+40.00 TO 59+80.00	LT/RT	149	30	98897	5	0.570	2.831						
3	54+40.00 TO 55+82.85	RT	149	30	98904	5	0.037	0.184						
3	54+40.00 TO 59+80.00	RT	149	30	98909	5	0.942	4.679						
3	54+40.00 TO 59+80.00	RT	149	30	98919	5	0.293	1.455						
3	59+80.00 TO 61+97.03	RT	149	30	98935	5	0.425	2.111						
3	59+80.00 TO 65+20.00	RT	149	30	98958	5	0.260	1.291						
3	59+80.00 TO 65+20.00	LT/RT	149	30	98951	5	0.570	2.831						
3	59+80.00 TO 65+20.00	LT	149	30	98942	5	0.542	2.692						
3	65+20.00 TO 70+60.00	LT	149	30	98971	5	0.198	0.983						
3	65+20.00 TO 70+60.00	LT/RT	149	30	98976	5	0.570	2.831						
3	65+20.00 TO 70+60.00	RT	149	30	98981	5	0.292	1.450						
3	70+60.00 TO 74+97.42	LT	149	30	98986	5	0.160	0.795						
3	70+60.00 TO 76+00.00	LT/RT	149	30	99027	5	0.570	2.831						
3	70+60.00 TO 76+00.00	RT	149	30	99032	5	0.344	1.709						
3	74+36.28 TO 74+89.39	LT	149	30	98993	5	0.017	0.084						
3	74+88.81 TO 75+02.04	LT	149	30	99003	5	0.023	0.114						
3	75+23.73 TO 75+37.60	LT	149	30	99013	5	0.024	0.119						
3	75+29.20 TO 76+00.00	LT	149	30	99022	5	0.040	0.199						
3	76+00.00 TO 81+40.00	RT	149	30	99055	5	0.380	1.887						
3	76+00.00 TO 81+40.00	LT/RT	149	30	99046	5	0.570	2.831						
3	76+00.00 TO 81+40.00	LT	149	30	99037	5	0.408	2.026						
3	78+67.64 TO 82+31.83	LT	149	30	99062	5	4.209	20.905						
3	78+76.92 TO 81+40.00	LT	149	30	99072	5	0.518	2.573						
3	80+79.44 TO 85+40.60	LT	149	30	99080	5	2.904	14.423						
3	81+40.00 TO 84+86.98	LT	149	30	99088	5	0.694	3.447						
3	81+40.00 TO 86+80.00	LT	149	30	99093	5	0.482	2.394						
3	81+40.00 TO 86+80.00	LT/RT	149	30	99100	5	0.570	2.831						
3	81+40.00 TO 82+50.63	RT	149	30	99105	5	0.074	0.368						
3	83+00.63 TO 86+80.00	RT	149	30	99112	5	0.275	1.366						
3	86+80.00 TO 92+20.00	LT/RT	149	30	99149	5	0.570	2.831						
3	86+80.00 TO 92+20.00	LT	149	30	99140	5	0.614	3.050						
3	86+80.00 TO 92+20.00	RT	149	30	99177	5	0.473	2.349						
3	90+50.51 TO 92+20.00	LT	149	30	99125	5	0.271	1.346						
3	90+90.98 TO 94+73.16	LT	149	30	99118	5	1.348	6.695						
3	92+20.00 TO 92+60.63	RT	149	30	99161	5	0.063	0.313						
3	92+20.00 TO 94+00.00	LT/RT	149	30	99186	5	0.190	0.944						
3	92+20.00 TO 94+74.35	LT	149	30	99132	5	0.588	2.920						
3	92+20.00 TO 94+00.00	LT	149	30	99156	5	0.050	0.248						
3	92+80.85 TO 94+00.00	RT	149	30	99168	5	0.133	0.661						
3	403+80.58 TO 409+60.00	RT	149	30	99567	5	0.617	3.064						
3	403+87.37 TO 409+60.00	LT	149	30	99593	5	0.757	3.760						
3	404+02.75 TO 409+60.00	LT/RT	149	30	99584	5	0.289	1.435						
3	409+60.00 TO 415+00.00	RT	149	30	99546	5	0.860	4.271						
3	409+60.00 TO 410+14.48	LT	149	30	99562	5	0.063	0.313						
3	409+60.00 TO 410+15.50	LT/RT	149	30	99557	5	0.028	0.139						
					SUB-TOTAL:				SUB-TOTAL:					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-13

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS			
					0107 1				0107 2								
					AREA ID	CYCLES	AC/CYCLE	TOTAL (AC)	AREA ID	CYCLES	AC/CYCLE	TOTAL (AC)					
															P	F	P
3	410+14.75 TO 410+73.91	LT/RT	149	30	99537	5	0.025	0.124									
3	410+49.47 TO 415+00.00	LT	149	30	99530	5	0.569	2.826									
3	410+71.15 TO 415+00.00	LT/RT	149	30	99525	5	0.248	1.232									
3	415+00.00 TO 417+02.37	LT	149	30	99481	5	0.287	1.425									
3	415+00.00 TO 416+84.17	LT/RT	149	30	99489	5	0.100	0.497									
3	415+00.00 TO 417+01.00	RT	149	30	99496	5	0.372	1.848									
3	416+71.50 TO 416+98.34	RT	149	30	99505	5	0.016	0.079									
3	416+81.21 TO 417+03.95	LT	149	30	99476	5	0.026	0.129									
3	417+22.40 TO 417+52.23	RT	149	30	99510	5	0.019	0.094									
3	417+23.22 TO 420+40.00	RT	149	30	99516	5	0.694	3.447									
3	417+36.71 TO 420+40.00	LT	149	30	99461	5	0.388	1.927									
3	417+38.34 TO 417+62.60	LT	149	30	99471	5	0.027	0.134									
3	417+64.57 TO 420+40.00	LT/RT	149	30	99456	5	0.161	0.800									
3	420+40.00 TO 425+80.00	LT	149	30	99444	5	0.818	4.063									
3	420+40.00 TO 425+80.00	LT/RT	149	30	99417	5	0.470	2.334									
3	420+40.00 TO 425+80.00	RT	149	30	99429	5	1.165	5.786									
3	425+80.00 TO 431+20.00	LT	149	30	99399	5	0.878	4.361									
3	425+80.00 TO 431+20.00	LT/RT	149	30	99394	5	0.405	2.012									
3	425+80.00 TO 431+20.00	RT	149	30	99407	5	0.809	4.018									
3	431+20.00 TO 436+60.00	LT	149	30	99380	5	0.846	4.202									
3	431+20.00 TO 436+60.00	LT/RT	149	30	99375	5	0.405	2.012									
3	431+20.00 TO 436+60.00	RT	149	30	99387	5	0.798	3.963									
3	436+60.00 TO 441+99.99	LT	149	30	99360	5	1.368	6.794									
3	436+60.00 TO 442+00.00	LT/RT	149	30	99716	5	0.408	2.026									
3	436+60.00 TO 442+00.00	RT	149	30	99709	5	1.381	6.859									
3	437+73.49 TO 441+95.95	RT	149	30	99370	5	0.493	2.449									
3	437+90.00 TO 442+10.91	LT	149	30	99354	5	0.514	2.553									
3	444+36.59 TO 448+99.79	RT	149	30	99625	5	1.493	7.415									
3	444+94.63 TO 449+09.24	LT	149	30	99332	5	0.715	3.551									
3	445+40.00 TO 447+74.22	LT	149	30	99348	5	0.262	1.301									
3	445+40.00 TO 455+63.02	LT	149	30	99660	5	1.007	5.001									
3	445+40.00 TO 450+80.00	LT/RT	149	30	99320	5	0.379	1.882									
3	445+40.00 TO 447+04.69	RT	149	30	99639	5	0.151	0.750									
3	448+99.36 TO 450+80.00	RT	149	30	99760	5	0.426	2.116									
3	449+04.87 TO 450+85.43	LT	149	30	99314	5	0.089	0.442									
3	449+06.29 TO 454+70.39	LT	149	30	99306	5	0.196	0.973									
3	450+80.00 TO 456+20.00	LT	149	30	99296	5	0.632	3.139									
3	450+80.00 TO 456+20.00	LT/RT	149	30	99291	5	0.372	1.848									
3	450+80.00 TO 456+20.00	RT	149	30	99282	5	0.902	4.480									
3	456+20.00 TO 461+60.00	LT	149	30	99266	5	0.655	3.253									
3	456+20.00 TO 461+60.00	LT/RT	149	30	99277	5	0.373	1.853									
3	456+20.00 TO 461+60.00	RT	149	30	99752	5	1.236	6.139									
3	461+60.00 TO 467+00.00	LT	149	30	99729	5	1.073	5.329									
3	461+60.00 TO 467+00.00	LT/RT	149	30	99255	5	0.368	1.828									
3	461+60.00 TO 463+78.08	RT	149	30	99260	5	0.464	2.305									
3	463+54.01 TO 465+02.21	RT	149	30	99244	5	0.655	3.253									
3	464+08.74 TO 467+00.42	RT	149	30	99744	5	0.749	3.720									
3	464+30.79 TO 468+39.18	RT	149	30	99229	5	3.232	16.052									
					SUB-TOTAL:				144.62					SUB-TOTAL:			

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877		STATE OF FLORIDA			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			DEPARTMENT OF TRANSPORTATION			
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SUMMARY OF QUANTITIES
						SR 46	LAKE	238275-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1				MOWING 0107 2				DESIGN NOTES	CONSTRUCTION REMARKS						
					AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA									
							AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)								
															P	F	P	F		
3	467+00.00 TO 468+41.57	RT	149	30	99223	5	0.202	1.003												
3	467+00.00 TO 472+40.00	RT	149	30	99736	5	0.555	2.757												
3	467+00.00 TO 472+40.00	LT/RT	149	30	99207	5	0.357	1.773												
3	467+00.00 TO 472+40.00	LT	149	30	99215	5	0.529	2.627												
3	472+40.00 TO 477+50.00	LT	149	30	99195	5	0.500	2.483												
3	472+40.00 TO 477+50.00	LT/RT	149	30	99191	5	0.325	1.614												
3	472+40.00 TO 477+50.00	RT	149	30	99200	5	0.493	2.449												
1	24+69.85 TO 27+40.00	RT	529	30					68377	18	15.000	0.157	2.355							
1	27+40.00 TO 27+48.10	RT	529	30					68384	18	15.000	0.003	0.045							
1	27+73.55 TO 32+80.00	RT	529	30					95932	18	15.000	0.612	9.180							
1	31+07.86 TO 32+80.00	LT	529	30					95935	18	15.000	0.101	1.515							
1	32+80.00 TO 33+34.29	RT	529	30					95924	18	15.000	0.095	1.425							
1	32+80.00 TO 33+23.58	LT	529	30					95938	18	15.000	0.059	0.885							
1	38+20.00 TO 43+60.00	LT/RT	529	30					69702	18	15.000	0.047	0.705							
1	39+18.30 TO 43+60.00	LT	529	30					69692	18	15.000	0.070	1.050							
1	42+58.04 TO 43+60.00	RT	529	30					69429	18	15.000	0.066	0.990							
1	42+66.88 TO 45+11.99	RT	529	30					69434	18	15.000	0.387	5.805							
1	43+60.00 TO 46+34.42	RT	529	30					69440	18	15.000	0.211	3.165							
1	43+60.00 TO 44+07.78	LT	529	30					95964	18	15.000	0.015	0.225							
1	44+01.36 TO 49+00.00	RT	529	30					69671	18	15.000	0.055	0.825							
1	44+62.76 TO 46+17.04	RT	529	30					68538	18	15.000	0.305	4.575							
1	45+32.43 TO 46+22.80	RT	529	30					68551	18	15.000	0.089	1.335							
1	45+64.98 TO 46+55.72	RT	529	30					68558	18	15.000	0.054	0.810							
1	46+04.75 TO 46+40.87	RT	529	30					68546	18	15.000	0.019	0.285							
1	46+17.04 TO 46+70.98	RT	529	30					69449	18	15.000	0.044	0.660							
1	46+38.25 TO 46+83.50	RT	529	30					68565	18	15.000	0.030	0.450							
1	46+60.95 TO 49+00.00	RT	529	30					69462	18	15.000	0.093	1.395							
1	47+45.87 TO 49+00.00	LT	529	30					69661	18	15.000	0.033	0.495							
1	49+00.00 TO 53+09.77	RT	529	30					69633	18	15.000	0.095	1.425							
1	49+00.00 TO 54+40.00	LT	529	30					69656	18	15.000	0.081	1.215							
1	53+09.77 TO 53+34.44	RT	529	30					69650	18	15.000	0.004	0.060							
1	53+34.44 TO 54+40.00	RT	529	30					69642	18	15.000	0.022	0.330							
1	53+77.76 TO 59+76.02	RT	529	30					69484	18	15.000	3.841	57.615							
1	54+40.00 TO 56+14.97	RT	529	30					69496	18	15.000	0.159	2.385							
1	54+40.00 TO 59+80.00	RT	529	30					69502	18	15.000	0.129	1.935							
1	54+40.00 TO 56+97.06	RT	529	30					69610	18	15.000	0.061	0.915							
1	54+40.00 TO 55+27.19	LT	529	30					69628	18	15.000	0.015	0.225							
1	54+91.86 TO 57+01.51	RT	529	30					69480	18	15.000	0.175	2.625							
1	55+21.93 TO 56+50.00	LT	529	30					69623	18	15.000	0.029	0.435							
1	56+50.00 TO 59+80.00	LT	529	30					69617	18	15.000	0.065	0.975							
1	57+07.05 TO 59+80.00	RT	529	30					69604	18	15.000	0.066	0.990							
1	59+76.02 TO 61+32.50	RT	529	30					69491	18	15.000	0.117	1.755							
1	59+80.00 TO 64+20.97	LT	529	30					69579	18	15.000	0.106	1.590							
1	59+80.00 TO 61+93.00	RT	529	30					69598	18	15.000	0.054	0.810							
1	61+00.28 TO 61+97.03	RT	529	30					69513	18	15.000	0.082	1.230							
1	61+54.53 TO 65+20.00	RT	529	30					69519	18	15.000	0.163	2.445							
1	62+07.98 TO 65+20.00	RT	529	30					69590	18	15.000	0.075	1.125							
1	65+20.00 TO 70+60.00	RT	529	30					68711	18	15.000	0.231	3.465							
					SUB-TOTAL:				14.71						SUB-TOTAL:				8.12	121.73

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-15

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
					AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA					
							AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)				
P	F	P	F													
1	65+20.00 TO 70+60.00	RT	529	30					69558	18	0.132	1.980				
1	70+60.00 TO 76+00.00	RT	529	30					68728	18	0.169	2.535				
1	70+60.00 TO 76+00.00	LT/RT	529	30					69543	18	0.132	1.980				
1	76+00.00 TO 81+40.00	RT	529	30					68741	18	0.215	3.225				
1	81+40.00 TO 86+80.00	RT	529	30					68755	18	0.246	3.690				
1	86+80.00 TO 92+20.00	RT	529	30					68770	18	0.288	4.320				
1	92+20.00 TO 92+60.63	RT	529	30					68780	18	0.042	0.630				
1	92+20.00 TO 97+60.00	LT/RT	529	30					69533	18	1.166	20.560				
1	92+80.46 TO 97+60.00	RT	529	30					68786	18	0.357	6.295				
1	403+80.00 TO 409+60.00	LT	529	30					69044	18	0.779	13.736				
1	403+80.00 TO 405+91.01	RT	529	30					69062	18	0.267	4.708				
1	404+02.75 TO 409+60.00	LT/RT	529	30					69053	18	0.289	5.096				
1	409+60.00 TO 410+14.48	LT	529	30					69034	18	0.063	1.111				
1	409+60.00 TO 410+15.50	LT/RT	529	30					69039	18	0.028	0.494				
1	410+14.75 TO 410+73.91	LT/RT	529	30					69025	18	0.025	0.441				
1	410+46.63 TO 410+97.85	RT	529	30					100825	18	0.046	0.811				
1	410+49.47 TO 415+00.00	LT	529	30					69005	18	0.569	10.033				
1	410+71.15 TO 415+00.00	LT/RT	529	30					69011	18	0.248	4.373				
1	411+19.22 TO 413+03.98	RT	529	30					100809	18	0.270	4.761				
1	413+17.41 TO 415+00.00	RT	529	30					100785	18	0.290	5.114				
1	415+00.00 TO 417+13.90	LT	529	30					68969	18	0.313	5.519				
1	415+00.00 TO 416+84.17	LT/RT	529	30					68984	18	0.100	1.763				
1	415+00.00 TO 417+03.02	RT	529	30					68991	18	0.377	6.648				
1	416+71.50 TO 417+03.39	RT	529	30					69000	18	0.019	0.335				
1	416+81.21 TO 417+15.46	LT	529	30					68964	18	0.040	0.705				
1	417+22.40 TO 417+52.23	RT	529	30					68978	18	0.019	0.335				
1	417+23.22 TO 420+40.00	RT	529	30					68950	18	0.684	12.061				
1	417+36.71 TO 420+40.00	LT	529	30					68937	18	0.419	7.388				
1	417+38.34 TO 417+62.60	LT	529	30					68959	18	0.027	0.476				
1	417+64.57 TO 420+40.00	LT/RT	529	30					68945	18	0.161	2.839				
1	420+32.86 TO 425+80.00	RT	529	30					68920	18	1.176	20.737				
1	420+40.00 TO 425+80.00	LT	529	30					68900	18	0.829	14.618				
1	420+40.00 TO 425+80.00	LT/RT	529	30					68910	18	0.474	8.358				
1	425+80.00 TO 431+20.00	LT	529	30					68877	18	0.933	16.452				
1	425+80.00 TO 427+01.71	LT/RT	529	30					68894	18	0.081	1.428				
1	425+80.00 TO 427+00.00	RT	529	30					69399	18	0.214	3.774				
1	431+20.00 TO 436+60.00	LT	529	30					68858	18	0.708	12.484				
1	436+60.00 TO 439+74.70	LT	529	30					68834	18	0.246	4.338				
1	437+90.00 TO 442+10.91	LT	529	30					95943	18	0.365	6.436				
1	445+40.00 TO 447+74.22	LT	529	30					95946	18	0.195	3.439				
1	446+60.49 TO 449+09.24	LT	529	30					95947	18	0.213	3.756				
1	449+02.40 TO 450+85.43	LT	529	30					95950	18	0.222	3.915				
1	449+06.29 TO 454+70.39	LT	529	30					95951	18	0.196	3.456				
1	450+79.10 TO 456+20.00	LT	529	30					95954	18	1.224	21.583				
1	456+20.00 TO 461+60.00	LT	529	30					95958	18	0.922	16.258				
1	458+62.93 TO 461+60.00	LT/RT	529	30					95971	18	0.113	1.993				
1	461+60.00 TO 467+00.00	LT	529	30					69165	18	1.236	21.795				
1	461+60.00 TO 467+00.00	LT/RT	529	30					95975	18	0.501	8.834				
SUB-TOTAL:											SUB-TOTAL:	307.62				

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-16

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
					AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA					
							AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)				
P	F	P	F													
1	467+00.00 TO 472+40.00	LT	529	30					69189	18	0.697	10.455				
1	467+00.00 TO 472+40.00	LT/RT	529	30					95976	18	0.500	7.500				
1	472+40.00 TO 477+80.00	LT	529	30					69214	18	0.690	10.350				
1	472+40.00 TO 477+80.00	LT/RT	529	30					95979	18	0.498	7.470				
2	24+70.21 TO 27+40.00	LT	172	30					69906	6	0.182	1.274				
2	27+40.00 TO 32+29.25	LT	172	30					72817	6	0.329	2.303				
2	29+22.17 TO 32+80.00	LT/RT	172	30					69950	6	0.099	0.693				
2	31+09.67 TO 32+37.36	LT	172	30					72829	6	0.180	1.032				
2	31+09.98 TO 31+36.41	LT	172	30					69965	6	0.027	0.155				
2	31+56.33 TO 31+70.15	LT	172	30					69959	6	0.019	0.109				
2	32+80.00 TO 33+70.44	LT	172	30					69993	6	0.018	0.103				
2	33+95.00 TO 35+63.11	LT	172	30					100104	6	0.227	1.301				
2	36+08.50 TO 37+64.17	LT	172	30					99785	6	0.128	0.734				
2	36+28.20 TO 38+20.00	LT	172	30					99788	6	0.269	1.542				
2	38+20.00 TO 43+60.00	LT	172	30					99808	6	0.537	3.079				
2	38+32.22 TO 38+98.95	RT	172	30					70068	6	0.008	0.046				
2	38+72.15 TO 43+60.00	LT	172	30					70043	6	0.126	0.722				
2	38+98.95 TO 40+08.88	RT	172	30					70072	6	0.006	0.034				
2	42+57.89 TO 43+60.00	RT	172	30					72491	6	0.074	0.424				
2	42+66.77 TO 45+11.99	RT	172	30					72508	6	0.388	2.225				
2	43+06.61 TO 43+60.00	LT	172	30					70139	6	0.039	0.224				
2	43+59.06 TO 46+57.99	LT	172	30					149776	6	0.380	2.179				
2	43+60.00 TO 46+43.56	LT	172	30					141280	6	0.073	0.419				
2	43+60.00 TO 45+14.78	LT	172	30					70099	6	0.035	0.201				
2	43+60.00 TO 46+03.45	RT	172	30					72497	6	0.187	1.072				
2	44+62.76 TO 45+88.93	RT	172	30					72514	6	0.259	1.485				
2	45+32.43 TO 45+54.45	RT	172	30					72520	6	0.006	0.034				
2	45+54.30 TO 46+55.72	RT	172	30					70185	6	0.165	0.946				
2	45+85.28 TO 46+17.04	RT	172	30					70179	6	0.009	0.052				
2	46+01.72 TO 46+07.94	RT	172	30					72486	6	0.001	0.006				
2	46+04.06 TO 46+28.09	RT	172	30					72479	6	0.009	0.052				
2	46+08.83 TO 46+34.42	RT	172	30					70174	6	0.008	0.046				
2	46+13.66 TO 46+47.08	LT/RT	172	30					72473	6	0.039	0.224				
2	46+24.46 TO 47+00.96	LT/RT	172	30					72524	6	0.034	0.195				
2	46+29.12 TO 46+37.29	RT	172	30					72534	6	0.002	0.011				
2	46+38.83 TO 46+98.34	LT	172	30					149788	6	0.008	0.046				
2	46+58.90 TO 47+08.24	LT	172	30					141285	6	0.045	0.258				
2	46+89.68 TO 49+00.00	LT	172	30					72564	6	0.019	0.109				
2	47+23.64 TO 49+00.00	LT	172	30					149793	6	0.153	0.877				
2	47+36.42 TO 49+00.00	LT	172	30					141296	6	0.036	0.206				
2	49+00.00 TO 54+40.00	LT	172	30					70252	6	0.225	1.290				
2	49+00.00 TO 54+40.00	LT	172	30					70261	6	0.342	1.961				
2	49+00.00 TO 54+40.00	LT	172	30					72570	6	0.050	0.287				
2	49+61.69 TO 52+32.99	LT	172	30					70248	6	0.031	0.178				
2	54+40.00 TO 59+80.00	LT	172	30					70273	6	0.559	3.205				
2	54+40.00 TO 59+80.00	LT	172	30					72576	6	0.050	0.287				
2	54+40.00 TO 56+14.97	RT	172	30					72538	6	0.159	0.912				
2	54+91.86 TO 57+01.51	RT	172	30					72544	6	0.175	1.003				
					SUB-TOTAL:											
										SUB-TOTAL:					69.31	

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-17

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
					AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA					
							AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)				
P	F	P	F													
2	57+63.49 TO 61+32.50	RT	172	30						72548	6	0.222	1.273			
2	59+80.00 TO 65+20.00	LT	172	30						70318	6	0.542	3.107			
2	59+80.00 TO 65+20.00	LT	172	30						72600	6	0.050	0.287			
2	61+00.28 TO 61+97.03	RT	172	30						72583	6	0.082	0.470			
2	61+70.77 TO 65+20.00	RT	172	30						72589	6	0.018	0.103			
2	65+20.00 TO 68+00.00	RT	172	30						72628	6	0.027	0.155			
2	65+20.00 TO 70+60.00	LT	172	30						72607	6	0.145	0.831			
2	65+20.00 TO 70+60.00	LT	172	30						70340	6	0.198	1.135			
2	67+78.86 TO 70+60.00	LT	172	30						70345	6	0.054	0.310			
2	68+00.00 TO 68+63.57	RT	172	30						72622	6	0.007	0.040			
2	68+96.43 TO 70+35.26	RT	172	30						72616	6	0.017	0.097			
2	70+60.00 TO 74+97.42	LT	172	30						70357	6	0.160	0.917			
2	70+60.00 TO 71+04.21	LT	172	30						70374	6	0.005	0.029			
2	70+60.00 TO 76+00.00	LT	172	30						72633	6	0.049	0.281			
2	70+60.00 TO 71+36.03	RT	172	30						72649	6	0.010	0.057			
2	71+61.41 TO 73+65.99	RT	172	30						72641	6	0.044	0.252			
2	73+94.69 TO 76+00.00	RT	172	30						72656	6	0.043	0.247			
2	74+36.28 TO 74+89.39	LT	172	30						70364	6	0.017	0.097			
2	74+88.81 TO 75+02.04	LT	172	30						70386	6	0.023	0.132			
2	75+23.73 TO 75+37.60	LT	172	30						70395	6	0.024	0.138			
2	75+29.20 TO 76+00.00	LT	172	30						70403	6	0.040	0.229			
2	75+73.18 TO 76+00.00	LT	172	30						70409	6	0.009	0.052			
2	76+00.00 TO 81+40.00	LT	172	30						72793	6	0.366	2.098			
2	76+00.00 TO 80+43.18	LT	172	30						70423	6	0.085	0.487			
2	76+00.00 TO 76+48.60	RT	172	30						72691	6	0.011	0.063			
2	76+77.30 TO 77+93.22	RT	172	30						72696	6	0.029	0.166			
2	78+23.22 TO 79+20.47	RT	172	30						72703	6	0.020	0.115			
2	78+67.64 TO 82+31.83	LT	172	30						72775	6	0.663	3.801			
2	78+68.38 TO 79+84.48	LT	172	30						72782	6	0.913	5.235			
2	78+69.81 TO 78+69.81	LT	172	30						72666	6	0.113	0.648			
2	78+76.92 TO 79+38.34	LT	172	30						72787	6	0.086	0.493			
2	79+50.00 TO 81+40.00	RT	172	30						72710	6	0.058	0.333			
2	81+40.00 TO 82+63.63	RT	172	30						72726	6	0.026	0.149			
2	81+40.00 TO 86+80.00	LT	172	30						72718	6	0.149	0.854			
2	81+40.00 TO 86+80.00	LT	172	30						72810	6	0.431	2.471			
2	83+24.60 TO 86+80.00	RT	172	30						72734	6	0.125	0.717			
2	83+65.91 TO 85+40.60	LT	172	30						72804	6	0.288	1.651			
2	86+80.00 TO 91+00.00	RT	172	30						72752	6	0.164	0.940			
2	86+80.00 TO 92+20.00	LT	172	30						72739	6	0.149	0.854			
2	86+80.00 TO 92+20.00	LT	172	30						70485	6	0.614	3.520			
2	90+50.51 TO 92+20.00	LT	172	30						70493	6	0.271	1.554			
2	90+90.98 TO 94+73.16	LT	172	30						70499	6	1.348	7.729			
2	91+00.00 TO 92+12.84	RT	172	30						72759	6	0.053	0.304			
2	92+20.00 TO 94+74.35	LT	172	30						70506	6	0.588	3.371			
2	92+20.00 TO 94+00.00	LT	172	30						70523	6	0.050	0.287			
2	92+20.00 TO 94+00.00	LT	172	30						72746	6	0.050	0.287			
2	92+20.00 TO 92+50.15	RT	172	30						72762	6	0.022	0.126			
2	92+91.16 TO 93+26.15	RT	172	30						72769	6	0.023	0.132			
					SUB-TOTAL:											
										SUB-TOTAL:					48.62	

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-18

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
					AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA					
							AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)				
P	F	P	F	P	F											
2	403+80.58 TO 409+60.00	RT	172	30					70555	6	0.780	4.472				
2	403+87.37 TO 409+60.00	LT	172	30					70538	6	0.757	4.340				
2	404+02.75 TO 409+60.00	LT/RT	172	30					70546	6	0.289	1.657				
2	409+60.00 TO 415+00.00	RT	172	30					70582	6	0.876	5.022				
2	409+60.00 TO 410+14.48	LT	172	30					70564	6	0.063	0.361				
2	409+60.00 TO 410+15.50	LT/RT	172	30					70569	6	0.028	0.161				
2	410+14.75 TO 410+73.91	LT/RT	172	30					70573	6	0.025	0.143				
2	410+49.47 TO 415+00.00	LT	172	30					70596	6	0.569	3.262				
2	410+71.15 TO 415+00.00	LT/RT	172	30					70591	6	0.248	1.422				
2	415+00.00 TO 417+13.90	LT	172	30					70602	6	0.313	1.795				
2	415+00.00 TO 416+84.17	LT/RT	172	30					70611	6	0.100	0.573				
2	415+00.00 TO 417+01.00	RT	172	30					70618	6	0.372	2.133				
2	417+23.22 TO 420+40.00	RT	172	30					70640	6	0.694	3.979				
2	417+36.71 TO 417+61.24	LT	172	30					100827	6	0.030	0.172				
2	417+64.57 TO 420+40.00	LT/RT	172	30					70635	6	0.161	0.923				
2	420+40.00 TO 425+80.00	LT/RT	172	30					70664	6	0.472	2.706				
2	420+40.00 TO 425+80.00	RT	172	30					70649	6	1.161	6.656				
2	421+45.55 TO 425+80.00	LT	172	30					70675	6	0.692	3.967				
2	425+80.00 TO 431+20.00	LT	172	30					72454	6	0.762	4.369				
2	425+80.00 TO 429+95.35	LT/RT	172	30					70694	6	0.182	1.043				
2	427+00.00 TO 431+20.00	LT/RT	172	30					72463	6	0.119	0.682				
2	431+20.00 TO 436+60.00	LT	172	30					72433	6	0.625	3.583				
2	431+20.00 TO 436+60.00	LT/RT	172	30					72442	6	0.222	1.273				
2	436+60.00 TO 441+99.96	LT/RT	172	30					72449	6	0.212	1.215				
2	436+60.00 TO 439+68.54	LT	172	30					72428	6	0.211	1.210				
2	437+90.00 TO 442+10.91	LT	172	30					72422	6	0.366	2.098				
2	444+36.59 TO 448+99.79	RT	172	30					99796	6	1.467	8.411				
2	445+40.00 TO 450+80.00	LT/RT	172	30					72864	6	0.223	1.279				
2	445+40.00 TO 446+98.06	RT	172	30					99791	6	0.179	1.026				
2	445+72.08 TO 447+74.22	LT	172	30					72859	6	0.125	0.717				
2	446+74.23 TO 449+09.24	LT	172	30					72852	6	0.111	0.636				
2	448+99.77 TO 450+80.00	RT	172	30					70804	6	0.378	2.167				
2	448+99.79 TO 449+56.94	RT	172	30					70811	6	0.010	0.057				
2	449+06.29 TO 454+70.39	LT	172	30					70774	6	0.196	1.124				
2	450+80.00 TO 456+20.00	LT	172	30					72877	6	0.408	2.339				
2	450+80.00 TO 456+20.00	LT/RT	172	30					72885	6	0.223	1.279				
2	450+80.00 TO 456+20.00	RT	172	30					70815	6	0.777	4.455				
2	456+20.00 TO 461+60.00	RT	172	30					70842	6	1.261	7.230				
2	456+20.00 TO 461+60.00	LT/RT	172	30					72903	6	0.223	1.279				
2	456+20.00 TO 461+60.00	LT	172	30					72891	6	0.431	2.471				
2	461+60.00 TO 467+00.00	LT	172	30					72911	6	0.719	4.122				
2	461+60.00 TO 467+00.00	LT/RT	172	30					72918	6	0.229	1.313				
2	461+60.00 TO 467+00.00	RT	172	30					72974	6	0.863	4.948				
2	462+74.04 TO 464+39.89	RT	172	30					72963	6	1.078	6.181				
2	463+54.01 TO 464+43.66	RT	172	30					72968	6	0.252	1.445				
2	463+58.21 TO 464+43.87	RT	172	30					72981	6	0.014	0.080				
2	467+00.00 TO 472+40.00	RT	172	30					72954	6	0.476	2.729				
2	467+00.00 TO 472+40.00	LT/RT	172	30					72931	6	0.206	1.181				
					SUB-TOTAL:											
										SUB-TOTAL:					115.69	

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-19

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA					
							AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)				
													P	F		
2	46+91.91 TO 472+40.00	LT	172	30						72923	6	0.250	1.433			
2	47+24.10 TO 477+50.00	LT	172	30						72938	6	0.294	1.686			
2	47+39.37 TO 477+50.00	LT/RT	172	30						72944	6	0.177	1.015			
2	49+00.00 TO 477+50.00	RT	172	30						70909	6	0.496	2.844			
3	24+70.00 TO 24+96.91	LT	149	30						100426	5	0.026	0.129			
3	24+70.00 TO 27+40.00	RT	149	30						100420	5	0.142	0.705			
3	25+15.33 TO 27+40.00	LT	149	30						100432	5	0.099	0.492			
3	27+40.00 TO 27+48.01	RT	149	30						100416	5	0.002	0.010			
3	27+40.00 TO 28+14.48	LT	149	30						73252	5	0.049	0.243			
3	27+75.59 TO 32+80.00	RT	149	30						100648	5	0.434	2.156			
3	28+33.98 TO 32+80.00	LT	149	30						100661	5	0.299	1.485			
3	31+09.67 TO 32+37.36	LT	149	30						73290	5	0.189	0.939			
3	31+09.98 TO 31+36.41	LT	149	30						73302	5	0.027	0.134			
3	31+56.33 TO 31+70.15	LT	149	30						73310	5	0.019	0.094			
3	32+80.00 TO 34+93.83	LT	149	30						100666	5	0.533	2.647			
3	32+80.00 TO 35+00.28	RT	149	30						100636	5	0.595	2.955			
3	35+98.57 TO 37+64.17	LT	149	30						100410	5	0.135	0.671			
3	36+17.80 TO 38+20.00	RT	149	30						100402	5	0.489	2.429			
3	36+30.96 TO 38+20.00	LT	149	30						100599	5	0.300	1.490			
3	37+80.16 TO 45+11.99	RT	149	30						73459	5	3.577	17.766			
3	38+13.15 TO 43+60.00	RT	149	30						100391	5	0.136	0.675			
3	38+19.45 TO 43+60.00	RT	149	30						100370	5	0.797	3.958			
3	38+20.00 TO 38+88.07	LT	149	30						99923	5	0.026	0.129			
3	38+32.22 TO 38+98.95	RT	149	30						73441	5	0.008	0.040			
3	38+41.50 TO 43+60.00	LT/RT	149	30						100376	5	0.206	1.023			
3	38+88.07 TO 43+60.00	LT	149	30						100381	5	0.486	2.414			
3	38+98.95 TO 40+08.88	RT	149	30						73445	5	0.006	0.030			
3	40+08.94 TO 43+60.00	RT	149	30						73455	5	0.142	0.705			
3	43+06.61 TO 46+57.47	LT	149	30						149929	5	0.395	1.962			
3	43+60.00 TO 46+40.54	LT	149	30						141351	5	0.060	0.298			
3	43+60.00 TO 44+70.57	LT/RT	149	30						100345	5	0.039	0.194			
3	43+60.00 TO 46+72.34	RT	149	30						100362	5	0.331	1.644			
3	43+60.00 TO 46+34.42	RT	149	30						73531	5	0.227	1.127			
3	44+62.76 TO 46+17.04	RT	149	30						73536	5	0.305	1.515			
3	45+32.43 TO 46+20.97	RT	149	30						73561	5	0.085	0.422			
3	45+64.98 TO 46+55.72	RT	149	30						73569	5	0.045	0.224			
3	46+04.75 TO 46+34.68	RT	149	30						100350	5	0.015	0.075			
3	46+39.61 TO 46+83.50	RT	149	30						73577	5	0.027	0.134			
3	46+55.98 TO 47+42.23	RT	149	30						73636	5	0.089	0.442			
3	46+60.56 TO 47+06.26	LT	149	30						149966	5	0.040	0.199			
3	46+62.50 TO 49+00.00	RT	149	30						100326	5	0.215	1.068			
3	46+83.50 TO 49+00.00	RT	149	30						73640	5	0.208	1.033			
					SUB-TOTAL:											
										SUB-TOTAL:					60.63	

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877		STATE OF FLORIDA			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			DEPARTMENT OF TRANSPORTATION			
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SUMMARY OF QUANTITIES
						SR 46	LAKE	238275-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
					AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA					
							AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)				
P	F	P	F	P	F											
3	46+91.91 TO 53+65.70	RT	149	30					73655	5	2.996	14.880				
3	47+24.10 TO 49+00.00	LT	149	30					149942	5	0.146	0.725				
3	47+39.37 TO 49+00.00	LT	149	30					141347	5	0.028	0.139				
3	49+00.00 TO 54+40.00	RT	149	30					100318	5	0.193	0.959				
3	49+00.00 TO 54+40.00	RT	149	30					73646	5	0.595	2.955				
3	49+00.00 TO 54+40.00	RT	149	30					100311	5	0.243	1.207				
3	49+00.00 TO 54+40.00	LT	149	30					73602	5	0.200	0.993				
3	49+00.00 TO 54+40.00	LT	149	30					73595	5	0.342	1.699				
3	49+48.52 TO 52+68.57	LT/RT	149	30					100152	5	0.118	0.586				
3	53+77.76 TO 61+32.50	RT	149	30					73662	5	5.821	28.911				
3	54+40.00 TO 55+27.19	LT	149	30					73670	5	0.051	0.253				
3	54+40.00 TO 59+80.00	LT	149	30					73675	5	0.532	2.642				
3	54+40.00 TO 55+82.73	RT	149	30					100293	5	0.024	0.119				
3	54+40.00 TO 59+80.00	RT	149	30					100302	5	0.257	1.276				
3	54+40.00 TO 59+80.00	RT	149	30					73694	5	0.942	4.679				
3	54+86.02 TO 59+80.00	LT/RT	149	30					100289	5	0.194	0.964				
3	59+80.00 TO 65+20.00	RT	149	30					100284	5	0.236	1.172				
3	59+80.00 TO 61+97.03	RT	149	30					73720	5	0.425	2.111				
3	59+80.00 TO 65+20.00	LT/RT	149	30					100274	5	0.217	1.078				
3	59+80.00 TO 65+20.00	LT	149	30					100269	5	0.528	2.622				
3	65+20.00 TO 70+60.00	LT	149	30					100260	5	0.173	0.859				
3	65+20.00 TO 70+60.00	LT/RT	149	30					100261	5	0.217	1.078				
3	65+20.00 TO 70+60.00	RT	149	30					100262	5	0.267	1.326				
3	70+60.00 TO 76+00.00	RT	149	30					100239	5	0.319	1.584				
3	70+60.00 TO 72+62.86	LT/RT	149	30					100244	5	0.076	0.377				
3	70+60.00 TO 74+95.29	LT	149	30					100232	5	0.139	0.690				
3	74+36.28 TO 74+89.39	LT	149	30					73778	5	0.017	0.084				
3	74+88.81 TO 75+00.13	LT	149	30					100225	5	0.019	0.094				
3	75+25.61 TO 75+37.60	LT	149	30					100218	5	0.020	0.099				
3	75+31.37 TO 76+00.00	LT	149	30					100211	5	0.037	0.184				
3	76+00.00 TO 81+40.00	LT	149	30					100202	5	0.384	1.907				
3	76+00.00 TO 81+40.00	RT	149	30					100207	5	0.355	1.763				
3	77+63.39 TO 81+40.00	LT/RT	149	30					100127	5	0.146	0.725				
3	78+67.64 TO 82+31.83	LT	149	30					73847	5	4.209	20.905				
3	78+76.92 TO 81+40.00	LT	149	30					73857	5	0.518	2.573				
3	80+79.44 TO 85+40.60	LT	149	30					73865	5	2.904	14.423				
3	81+40.00 TO 84+86.98	LT	149	30					73873	5	0.694	3.447				
3	81+40.00 TO 86+80.00	LT	149	30					73878	5	0.458	2.275				
3	81+40.00 TO 82+99.43	LT/RT	149	30					100158	5	0.060	0.298				
3	81+40.00 TO 82+47.77	RT	149	30					100195	5	0.068	0.338				
3	83+12.62 TO 86+80.00	RT	149	30					100166	5	0.255	1.267				
3	86+26.88 TO 86+80.00	LT/RT	149	30					100120	5	0.016	0.079				
3	86+80.00 TO 92+20.00	LT/RT	149	30					100119	5	0.217	1.078				
3	86+80.00 TO 92+20.00	LT	149	30					100170	5	0.588	2.920				
3	86+80.00 TO 92+20.00	RT	149	30					100190	5	0.449	2.230				
3	90+50.51 TO 92+20.00	LT	149	30					73910	5	0.271	1.346				
3	90+90.98 TO 94+73.16	LT	149	30					73903	5	1.348	6.695				
3	92+20.00 TO 92+60.63	RT	149	30					100185	5	0.059	0.293				
					SUB-TOTAL:											
										SUB-TOTAL:					140.91	

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-21

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
					AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA					
							AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)				
P	F	P	F	P	F											
3	92+20.00 TO 94+00.00	LT/RT	149	30					100118	5	0.072	0.358				
3	92+20.00 TO 94+74.35	LT	149	30					73917	5	0.588	2.920				
3	92+20.00 TO 94+00.00	LT	149	30					100169	5	0.041	0.204				
3	92+80.85 TO 94+00.00	RT	149	30					100178	5	0.125	0.621				
3	403+80.58 TO 409+60.00	RT	149	30					74421	5	0.617	3.064				
3	403+87.37 TO 409+60.00	LT	149	30					74447	5	0.757	3.760				
3	404+02.75 TO 409+60.00	LT/RT	149	30					74438	5	0.289	1.435				
3	409+60.00 TO 415+00.00	RT	149	30					74400	5	0.860	4.271				
3	409+60.00 TO 410+14.48	LT	149	30					74416	5	0.063	0.313				
3	409+60.00 TO 410+15.50	LT/RT	149	30					74411	5	0.028	0.139				
3	410+14.75 TO 410+73.91	LT/RT	149	30					74391	5	0.025	0.124				
3	410+49.47 TO 415+00.00	LT	149	30					74384	5	0.569	2.826				
3	410+71.15 TO 415+00.00	LT/RT	149	30					74379	5	0.248	1.232				
3	415+00.00 TO 417+02.37	LT	149	30					74335	5	0.287	1.425				
3	415+00.00 TO 416+84.17	LT/RT	149	30					74343	5	0.100	0.497				
3	415+00.00 TO 417+01.00	RT	149	30					74350	5	0.372	1.848				
3	416+71.50 TO 416+98.34	RT	149	30					74359	5	0.016	0.079				
3	416+81.21 TO 417+03.95	LT	149	30					74330	5	0.026	0.129				
3	417+22.40 TO 417+52.23	RT	149	30					74364	5	0.019	0.094				
3	417+23.22 TO 420+40.00	RT	149	30					74370	5	0.694	3.447				
3	417+36.71 TO 420+40.00	LT	149	30					74315	5	0.388	1.927				
3	417+38.34 TO 417+62.60	LT	149	30					74325	5	0.027	0.134				
3	417+64.57 TO 420+40.00	LT/RT	149	30					74310	5	0.161	0.800				
3	420+40.00 TO 425+80.00	RT	149	30					74283	5	1.165	5.786				
3	420+40.00 TO 425+80.00	LT	149	30					74298	5	0.818	4.063				
3	420+40.00 TO 424+57.68	LT/RT	149	30					75978	5	0.361	1.793				
3	425+80.00 TO 431+20.00	LT	149	30					74253	5	0.853	4.237				
3	425+80.00 TO 431+20.00	RT	149	30					74261	5	0.790	3.924				
3	431+20.00 TO 436+60.00	RT	149	30					74241	5	0.770	3.824				
3	431+20.00 TO 436+60.00	LT	149	30					74234	5	0.818	4.063				
3	436+60.00 TO 442+00.00	LT	149	30					74204	5	1.340	6.655				
3	436+60.00 TO 442+00.00	RT	149	30					100094	5	1.354	6.725				
3	437+73.49 TO 441+95.95	RT	149	30					74224	5	0.493	2.449				
3	437+90.00 TO 442+10.91	LT	149	30					74198	5	0.514	2.553				
3	444+36.59 TO 448+99.79	RT	149	30					100610	5	1.464	7.271				
3	444+94.63 TO 449+09.24	LT	149	30					100680	5	0.142	0.705				
3	445+23.80 TO 448+99.76	LT	149	30					100692	5	0.243	1.207				
3	445+37.97 TO 446+94.33	RT	149	30					100605	5	0.130	0.646				
3	445+40.00 TO 447+74.22	LT	149	30					74192	5	0.262	1.301				
3	445+40.00 TO 450+80.00	LT	149	30					74455	5	0.638	3.169				
3	445+40.00 TO 445+54.95	RT	149	30					100408	5	0.001	0.005				
3	448+99.52 TO 450+80.00	RT	149	30					74145	5	0.410	2.036				
3	448+99.79 TO 449+56.94	RT	149	30					74151	5	0.010	0.050				
3	449+05.82 TO 450+85.43	LT	149	30					100672	5	0.079	0.392				
3	449+06.29 TO 454+70.39	LT	149	30					74119	5	0.196	0.973				
3	450+78.08 TO 455+63.02	LT	149	30					74125	5	0.342	1.699				
3	450+80.00 TO 456+20.00	LT	149	30					74109	5	0.610	3.030				
3	450+80.00 TO 456+20.00	RT	149	30					74095	5	0.872	4.331				
SUB-TOTAL:										SUB-TOTAL:					104.53	

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-22

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1					MOWING 0107 2					DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA					
							AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)				
								P				F	P	F		
3	456+20.00 TO 461+60.00	LT	149	30						74071	5	0.655	3.253			
3	456+20.00 TO 461+60.00	RT	149	30						74087	5	1.208	6.000			
3	461+60.00 TO 463+76.08	RT	149	30						100620	5	0.450	2.235			
3	461+60.00 TO 467+00.00	LT	149	30						74053	5	1.045	5.190			
3	463+54.01 TO 465+02.21	RT	149	30						74034	5	0.646	3.208			
3	464+10.74 TO 467+00.00	RT	149	30						74026	5	0.132	0.656			
3	464+10.99 TO 467+00.00	RT	149	30						100627	5	0.599	2.975			
3	464+30.79 TO 468+39.18	RT	149	30						74019	5	3.232	16.052			
3	467+00.00 TO 468+41.57	RT	149	30						74013	5	0.202	1.003			
3	467+00.00 TO 472+40.00	RT	149	30						73997	5	0.527	2.617			
3	467+00.00 TO 472+40.00	LT	149	30						74005	5	0.502	2.493			
3	472+40.00 TO 477+50.00	LT	149	30						73980	5	0.474	2.354			
3	472+40.00 TO 477+50.00	RT	149	30						73985	5	0.469	2.329			
					SUB-TOTAL:					SUB-TOTAL: 50.37						

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-23

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF MONITOR EXISTING STRUCTURES

SITE NO.	LOCATION	STRUCTURE USAGE	INSPECTION & SETTLEMENT MONITORING		VIBRATION MONITORING		GROUNDWATER MONITORING		DESIGN NOTES	CONSTRUCTION REMARKS
			0108 1		0108 2		0108 3			
	LS		LS		LS					
	P		F	P	F	P	F			
ADDRESS AND/OR STA.										
			X		X		X		* SEE NOTE BELOW	
TOTAL:			1		1		1			

This list includes existing structures (as determined by the Department) located outside the limits specified in Article 108-2 of the FDOT Specifications that are required to be monitored. This list should not be considered all inclusive and does not contain existing structures to be monitored that are located within the distances specified in Article 108-2.

* Monitor existing structures during pile (temporary, sheet & permanent) installation and roadway compaction.

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE		238275-2-52-01

SUMMARY OF REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNITS	SECONDARY UNITS	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				AREA	P	F	P	F		
0110 1 1	CLEARING & GRUBBING	24+70.00 TO 27+40.00	RT	83254	LS	AC	0.083		1.0		80.39 TOTAL AC	
		24+70.00 TO 27+40.00	LT	83230	LS	AC	0.165					
		27+40.00 TO 32+80.00	LT/RT	83270	LS	AC	1.341					
		31+14.89 TO 31+70.00	LT	83343	LS	AC	0.061					
		32+80.00 TO 38+50.00	LT/RT	100570	LS	AC	4.073					
		37+32.06 TO 42+30.32	RT	83400	LS	AC	2.863					
		38+13.15 TO 43+60.00	LT/RT	84086	LS	AC	3.314					
		38+49.99 TO 39+08.96	LT	100571	LS	AC	0.028					
		43+14.05 TO 45+11.99	RT	84112	LS	AC	0.314					
		43+60.00 TO 49+00.00	LT/RT	141466	LS	AC	3.512					
		44+62.90 TO 47+42.23	RT	84120	LS	AC	0.632					
		46+92.32 TO 53+35.44	RT	84158	LS	AC	2.821					
		49+00.00 TO 54+40.00	LT/RT	84168	LS	AC	3.185					
		54+30.45 TO 61+01.18	RT	84238	LS	AC	4.470					
		54+40.00 TO 59+80.00	LT/RT	84188	LS	AC	2.397					
		56+18.13 TO 59+80.00	RT	84214	LS	AC	0.669					
		59+80.00 TO 61+74.98	RT	84230	LS	AC	0.303					
		59+80.00 TO 65+20.00	LT/RT	84267	LS	AC	2.006					
		65+20.00 TO 70+60.00	LT/RT	84296	LS	AC	1.637					
		70+60.00 TO 76+00.00	LT/RT	84324	LS	AC	1.778					
		76+00.00 TO 81+40.00	LT/RT	84365	LS	AC	2.230					
		78+85.18 TO 82+13.44	LT	84405	LS	AC	2.946					
		80+79.54 TO 85+39.10	LT	84440	LS	AC	2.810					
		81+40.00 TO 86+80.00	LT/RT	84461	LS	AC	2.634					
		86+80.00 TO 92+20.00	LT/RT	84484	LS	AC	2.122					
		91+42.00 TO 92+20.00	LT	84521	LS	AC	0.150					
		91+42.00 TO 94+53.57	LT	84529	LS	AC	1.035					
		92+20.00 TO 94+47.37	LT	84512	LS	AC	0.455					
		92+20.00 TO 94+00.00	LT/RT	84546	LS	AC	0.688					
		405+50.00 TO 409+60.00	RT	83682	LS	AC	0.172					
		409+60.00 TO 410+14.18	RT	83674	LS	AC	0.016					
		417+36.71 TO 420+40.00	LT	83612	LS	AC	0.177					
		420+40.00 TO 421+48.22	LT	83601	LS	AC	0.039					
		425+80.00 TO 431+20.00	LT/RT	83447	LS	AC	1.805					
		431+20.00 TO 436+60.00	LT/RT	83419	LS	AC	2.662					
		436+60.00 TO 442+00.00	LT/RT	83389	LS	AC	3.936					
		439+08.02 TO 442+00.00	LT	83384	LS	AC	0.273					
		444+94.63 TO 449+08.51	LT	83716	LS	AC	0.878					
		445+30.74 TO 449+00.00	RT	100566	LS	AC	0.476					
		445+40.00 TO 447+02.25	LT	83374	LS	AC	0.117					
		445+40.00 TO 450+85.43	LT/RT	83742	LS	AC	2.821					
		449+06.29 TO 454+32.10	LT	83756	LS	AC	0.104					
		450+78.08 TO 456+20.00	LT/RT	83771	LS	AC	3.398					
		456+20.00 TO 461+60.00	LT/RT	83794	LS	AC	2.865					
		461+60.00 TO 467+00.00	RT	83832	LS	AC	1.446					
		461+60.00 TO 467+00.00	LT	83851	LS	AC	1.064					
		461+60.00 TO 467+00.00	LT/RT	83873	LS	AC	0.470					
		463+55.68 TO 464+28.90	RT	83886	LS	AC	0.176					
		464+38.04 TO 465+02.21	RT	83905	LS	AC	0.404					
		464+58.12 TO 468+26.70	RT	83914	LS	AC	2.850					
		467+00.00 TO 472+40.00	RT	83943	LS	AC	0.853					

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DATE	DESCRIPTION	DATE	DESCRIPTION																		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																			
SR 46	LAKE	238275-2-52-01																			

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SUMMARY OF REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNITS	SECONDARY UNITS	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				AREA	P	F	P	F		
0110 1 1	CLEARING & GRUBBING (CONT'D)	467+00.00 TO 472+40.00	LT/RT	83974	LS	AC	0.362					
		467+00.00 TO 472+40.00	LT	83991	LS	AC	0.630					
		472+40.00 TO 477+50.00	LT	84015	LS	AC	0.611					
		472+40.00 TO 477+50.00	LT/RT	84040	LS	AC	0.471					
		472+40.00 TO 477+50.00	RT	84065	LS	AC	0.595					
0110 4	REMOVAL OF EXISTING CONCRETE PAVEMENT	42+59.49 TO 43+60.00	RT	87935	SY	N/A	206.6		10262			
		43+60.00 TO 49+00.00	RT	87941	SY	N/A	1105.8					
		49+00.00 TO 54+40.00	RT	87951	SY	N/A	1080.0					
		54+40.00 TO 59+80.00	RT	87961	SY	N/A	1080.0					
		59+80.00 TO 65+20.00	RT	87967	SY	N/A	1070.5					
		65+20.00 TO 70+60.00	RT	88002	SY	N/A	1063.5					
		70+60.00 TO 76+00.00	RT	88025	SY	N/A	1059.8					
		76+00.00 TO 81+40.00	RT	88041	SY	N/A	1075.6					
		81+40.00 TO 86+80.00	RT	88051	SY	N/A	1080.0					
		86+80.00 TO 92+20.00	RT	88064	SY	N/A	1080.0					
		92+20.00 TO 94+00.00	RT	88057	SY	N/A	360.0					
		47+90.91 TO 48+05.77	LT	151103	SY	N/A	22.2			VERANDA WAY		

VOID

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p align="center">MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877</p>		<p align="center">STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>SR 46</td> <td>LAKE</td> <td>238275-2-52-01</td> </tr> </tbody> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 46	LAKE	238275-2-52-01	<p align="center">SUMMARY OF QUANTITIES</p>		<p align="center">SHEET NO. SQ-26</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
SR 46	LAKE	238275-2-52-01																							

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SUMMARY OF REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNITS	SECONDARY UNITS	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				AREA	P	F	P	F		
0110 1 1	CLEARING & GRUBBING (CONT'D)	467+00.00 TO 472+40.00	LT/RT	83974	LS	AC	0.362					
		467+00.00 TO 472+40.00	LT	83991	LS	AC	0.630					
		472+40.00 TO 477+50.00	LT	84015	LS	AC	0.611					
		472+40.00 TO 477+50.00	LT/RT	84040	LS	AC	0.471					
		472+40.00 TO 477+50.00	RT	84065	LS	AC	0.595					
0110 4	REMOVAL OF EXISTING CONCRETE PAVEMENT	42+59.49 TO 43+60.00	RT	87935	SY	N/A	206.6			10284	3	
		43+60.00 TO 49+00.00	RT	87941	SY	N/A	1105.8					
		49+00.00 TO 54+40.00	RT	87951	SY	N/A	1080.0					
		54+40.00 TO 59+80.00	RT	87961	SY	N/A	1080.0					
		59+80.00 TO 65+20.00	RT	87967	SY	N/A	1070.5					
		65+20.00 TO 70+60.00	RT	88002	SY	N/A	1063.5					
		70+60.00 TO 76+00.00	RT	88025	SY	N/A	1059.8					
		76+00.00 TO 81+40.00	RT	88041	SY	N/A	1075.6					
		81+40.00 TO 86+80.00	RT	88051	SY	N/A	1080.0					
		86+80.00 TO 92+20.00	RT	88064	SY	N/A	1080.0					
		92+20.00 TO 94+00.00	RT	88057	SY	N/A	360.0					
		47+90.91 TO 48+05.77	LT	151103	SY	N/A	22.2	4.0			VERANDA WAY	3

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>8/11/17</td> <td>fwa 3 MODIFIED QUANTITIES 110-4</td> <td></td> <td></td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION	8/11/17	fwa 3 MODIFIED QUANTITIES 110-4			<p align="center">MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877</p>		<p align="center">STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>SR 46</td> <td>LAKE</td> <td>238275-2-52-01</td> </tr> </tbody> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 46	LAKE	238275-2-52-01	<p align="center">SUMMARY OF QUANTITIES</p>		<p align="center">SHEET NO. SQ-26</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																						
8/11/17	fwa 3 MODIFIED QUANTITIES 110-4																								
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
SR 46	LAKE	238275-2-52-01																							

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SUMMARY OF EARTHWORK

PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
	REGULAR EXCAVATION, SR 46	29668			
	REGULAR EXCAVATION, SR 500	166702			
	REGULAR EXCAVATION, RAMP XX	61787			
	REGULAR EXCAVATION, GROVELAND ROAD	39			
	REGULAR EXCAVATION, PINECREST ROAD	89			
	REGULAR EXCAVATION, STANLEY BELL DRIVE	252			
	REGULAR EXCAVATION, POND ROAD	15			
	REGULAR EXCAVATION, VERANDA WAY	673			
	REGULAR EXCAVATION, SABASTIAN STREET	143			
	REGULAR EXCAVATION, VISTA VIEW	57			
	REGULAR EXCAVATION, NATOMA BOULEVARD	26			
	REGULAR EXCAVATION, WB441-1-1	7056			
	REGULAR EXCAVATION, WB441-1-2	35483			
	REGULAR EXCAVATION, WB441-1-3	35329			
	REGULAR EXCAVATION, WB441-1-4	64316			
	REGULAR EXCAVATION, WB1-1	5651			
	REGULAR EXCAVATION, WB1-2	57471			
	REGULAR EXCAVATION, WB2A	49023			
	REGULAR EXCAVATION, WB2B	196			
	REGULAR EXCAVATION, WB441-2	14355			
	REGULAR EXCAVATION, WB-A	3101			
0120 1	REGULAR EXCAVATION, TOTAL	531432			
	SUBSOIL EXCAVATION, SR 46	37273			
	SUBSOIL EXCAVATION, SR 500	0			
	SUBSOIL EXCAVATION, RAMP XX	6360			
	SUBSOIL EXCAVATION, GROVELAND ROAD	0			
	SUBSOIL EXCAVATION, PINECREST ROAD	0			
	SUBSOIL EXCAVATION, STANLEY BELL DRIVE	0			
	SUBSOIL EXCAVATION, POND ROAD	0			
	SUBSOIL EXCAVATION, VERANDA WAY	0			
	SUBSOIL EXCAVATION, SABASTIAN STREET	0			
	SUBSOIL EXCAVATION, VISTA VIEW	0			
	SUBSOIL EXCAVATION, NATOMA BOULEVARD	0			
	SUBSOIL EXCAVATION, WB441-1-1	0			
	SUBSOIL EXCAVATION, WB441-1-2	0			
	SUBSOIL EXCAVATION, WB441-1-3	0			
	SUBSOIL EXCAVATION, WB441-1-4	0			
	SUBSOIL EXCAVATION, WB1-1	14377			
	SUBSOIL EXCAVATION, WB1-2	0			
	SUBSOIL EXCAVATION, WB2A	0			
	SUBSOIL EXCAVATION, WB2B	0			
	SUBSOIL EXCAVATION, WB441-2	0			
	SUBSOIL EXCAVATION, WB-A	0			
0120 4	SUBSOIL EXCAVATION, TOTAL	58010			
	EMBANKMENT, SR 46	132057			
	EMBANKMENT, SR 500	22367			
	EMBANKMENT, RAMP XX	85169			

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<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>				REVISIONS		DATE	DESCRIPTION					MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. SQ-27
REVISIONS																	
DATE	DESCRIPTION																
ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003		ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01	SUMMARY OF QUANTITIES												

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SUMMARY OF EARTHWORK

PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
	REGULAR EXCAVATION, SR 46	29217	△2		
	REGULAR EXCAVATION, SR 500	166702			
	REGULAR EXCAVATION, RAMP XX	61787			
	REGULAR EXCAVATION, GROVELAND ROAD	39			
	REGULAR EXCAVATION, PINECREST ROAD	89			
	REGULAR EXCAVATION, STANLEY BELL DRIVE	252			
	REGULAR EXCAVATION, POND ROAD	15			
	REGULAR EXCAVATION, VERANDA WAY	768	△2		
	REGULAR EXCAVATION, SABASTIAN STREET	143			
	REGULAR EXCAVATION, VISTA VIEW	57			
	REGULAR EXCAVATION, NATOMA BOULEVARD	26			
	REGULAR EXCAVATION, WB441-1-1	7056			
	REGULAR EXCAVATION, WB441-1-2	35483			
	REGULAR EXCAVATION, WB441-1-3	35329			
	REGULAR EXCAVATION, WB441-1-4	64316			
	REGULAR EXCAVATION, WB1-1	5651			
	REGULAR EXCAVATION, WB1-2	57471			
	REGULAR EXCAVATION, WB2A	49023			
	REGULAR EXCAVATION, WB2B	196			
	REGULAR EXCAVATION, WB441-2	14355			
	REGULAR EXCAVATION, WB-A	3101			
0120 1	REGULAR EXCAVATION, TOTAL	531076	△2		
	SUBSOIL EXCAVATION, SR 46	37273			
	SUBSOIL EXCAVATION, SR 500	0			
	SUBSOIL EXCAVATION, RAMP XX	6360			
	SUBSOIL EXCAVATION, GROVELAND ROAD	0			
	SUBSOIL EXCAVATION, PINECREST ROAD	0			
	SUBSOIL EXCAVATION, STANLEY BELL DRIVE	0			
	SUBSOIL EXCAVATION, POND ROAD	0			
	SUBSOIL EXCAVATION, VERANDA WAY	0			
	SUBSOIL EXCAVATION, SABASTIAN STREET	0			
	SUBSOIL EXCAVATION, VISTA VIEW	0			
	SUBSOIL EXCAVATION, NATOMA BOULEVARD	0			
	SUBSOIL EXCAVATION, WB441-1-1	0			
	SUBSOIL EXCAVATION, WB441-1-2	0			
	SUBSOIL EXCAVATION, WB441-1-3	0			
	SUBSOIL EXCAVATION, WB441-1-4	0			
	SUBSOIL EXCAVATION, WB1-1	14377			
	SUBSOIL EXCAVATION, WB1-2	0			
	SUBSOIL EXCAVATION, WB2A	0			
	SUBSOIL EXCAVATION, WB2B	0			
	SUBSOIL EXCAVATION, WB441-2	0			
	SUBSOIL EXCAVATION, WB-A	0			
0120 4	SUBSOIL EXCAVATION, TOTAL	58010			
	EMBANKMENT, SR 46	128247	△2		
	EMBANKMENT, SR 500	22367			
	EMBANKMENT, RAMP XX	85169			

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-27
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
05/26/17	JLC △2 MODIFIED 120-1 & 120-6 AREAS			SR 46	LAKE	238275-2-52-01			

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SUMMARY OF EARTHWORK

PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
	EMBANKMENT, GROVELAND ROAD	4			
	EMBANKMENT, PINECREST ROAD	9			
	EMBANKMENT, STANLEY BELL DRIVE	573			
	EMBANKMENT, POND ROAD	2229			
	EMBANKMENT, VERANDA WAY	154			
	EMBANKMENT, SABASTIAN STREET	1			
	EMBANKMENT, VISTA VIEW	22			
	EMBANKMENT, NATOMA BOULEVARD	523			
	EMBANKMENT, WB441-1-1	179			
	EMBANKMENT, WB441-1-2	34			
	EMBANKMENT, WB441-1-3	43			
	EMBANKMENT, WB441-1-4	2101			
	EMBANKMENT, WB1-1	25046			
	EMBANKMENT, WB1-2	160			
	EMBANKMENT, WB2A	1604			
	EMBANKMENT, WB2B	24736			
	EMBANKMENT, WB441-2	8665			
	EMBANKMENT, WB-A	1226			
0120 6	EMBANKMENT, TOTAL	306902			
0120 76 1	NATURAL CLAY BORROW FOR CLAY CORE	29.8		SEE NOTE	

SUMMARY OF TURNOUT CONSTRUCTION

LOCATION STA. TO STA.	SIDE	AREA ID	0286 1		DESIGN NOTES	CONSTRUCTION REMARKS
			SY			
			P	F		
24+76.32 to 25+18.32	RT	16076	39.5			
26+01.45 to 26+43.45	RT	16053	34.8			
46+24.06 to 46+50.49	RT	16054	35.5		POND RD.	
67+63.24 to 68+72.68	RT	133902	140.8			
82+20.25 to 83+40.27	RT	102964	269.1			
406+77.27 to 407+20.78	RT	102950	79.0			
SUB-TOTAL:			598.7			
TOTAL:			599			

NOTE:
0120 76 1 THE CLAY CORE SHALL BE FREE OF ROOTS AND ORGANIC MATERIAL. CLAY CORE MATERIAL SHALL BE TREATED AS ROADWAY EMBANKMENT MATERIAL WHEN DETERMINING CONSTRUCTION, COMPACTION, AND TESTING REQUIREMENTS IN ACCORDANCE WITH STANDARD SPECIFICATIONS 120-8, 120-9, AND 120-10, EXCEPT AS FOLLOWS:
-LIMIT SOIL TYPE IN THE CORE TO A-6 OR A-7 SOILS ONLY.
-MAINTAIN SOIL MOISTURE CONTENT AT 1% TO 3% ABOVE OPTIMUM MOISTURE CONTENT DURING COMPACTION.
-REQUIRE COMPACTION TO AT LEAST 95% OF AASHTO T-99.



REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. SQ-28
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	ROAD NO. SR 46	COUNTY LAKE	

SUMMARY OF QUANTITIES

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SUMMARY OF EARTHWORK

PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
	EMBANKMENT, GROVELAND ROAD	4			
	EMBANKMENT, PINECREST ROAD	9			
	EMBANKMENT, STANLEY BELL DRIVE	573			
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	EMBANKMENT, VERANDA WAY	154			
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	EMBANKMENT, NATOMA BOULEVARD	523			
	EMBANKMENT, WB441-1-1	179			
	EMBANKMENT, WB441-1-2	34			
	EMBANKMENT, WB441-1-3	43			
	EMBANKMENT, WB441-1-4	2101			
	EMBANKMENT, WB1-1	25046			
	EMBANKMENT, WB1-2	160			
	EMBANKMENT, WB2A	1604			
	EMBANKMENT, WB2B	24736			
	EMBANKMENT, WB441-2	8665			
	EMBANKMENT, WB-A	1226			
0120 6	EMBANKMENT, TOTAL	306902			
0120 76 1	NATURAL CLAY BORROW FOR CLAY CORE	29.8		SEE NOTE	

SUMMARY OF TURNOUT CONSTRUCTION

LOCATION STA. TO STA.	SIDE	AREA ID	0286 1		DESIGN NOTES	CONSTRUCTION REMARKS
			SY			
			P	F		
24+76.32 to 25+18.32	RT	16076	39.5			
26+01.45 to 26+43.45	RT	16053	34.8			
46+24.06 to 46+50.49	RT	16054	35.5		POND RD.	
67+63.24 to 68+72.68	RT	133902	140.8			
82+20.25 to 83+40.27	RT	102964	269.1			
406+77.27 to 407+20.78	RT	102950	79.0			
410+08.16 to 410+51.95	RT	152142	21.8			
410+81.92 to 411+37.99	RT	152148	27.3			
412+54.74 to 413+61.38	LT	152153	56.8			
412+74.66 to 413+37.79	RT	152158	32.8			
413+61.38 to 415+86.86	LT	152162	112.3			
416+50.80 to 417+55.87	RT	152170	50.3			
417+74.73 to 418+84.45	RT	152178	59.8			
423+67.56 to 424+27.16	RT	152181	28.6			
SUB-TOTAL:			988.4			
TOTAL:			988			

NOTE:
0120 76 1 THE CLAY CORE SHALL BE FREE OF ROOTS AND ORGANIC MATERIAL. CLAY CORE MATERIAL SHALL BE TREATED AS ROADWAY EMBANKMENT MATERIAL WHEN DETERMINING CONSTRUCTION, COMPACTION, AND TESTING REQUIREMENTS IN ACCORDANCE WITH STANDARD SPECIFICATIONS 120-8, 120-9, AND 120-10, EXCEPT AS FOLLOWS:
-LIMIT SOIL TYPE IN THE CORE TO A-6 OR A-7 SOILS ONLY.
-MAINTAIN SOIL MOISTURE CONTENT AT 1% TO 3% ABOVE OPTIMUM MOISTURE CONTENT DURING COMPACTION.
-REQUIRE COMPACTION TO AT LEAST 95% OF AASHTO T-99.

VOID

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
05/17/17	JLC ADDED 286-1 AREAS			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	SUMMARY OF QUANTITIES SQ-28

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF EARTHWORK

PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
	EMBANKMENT, GROVELAND ROAD	4			
	EMBANKMENT, PINECREST ROAD	9			
	EMBANKMENT, STANLEY BELL DRIVE	573			
	EMBANKMENT, POND ROAD	2229			
	EMBANKMENT, VERANDA WAY	170	△		
	EMBANKMENT, SABASTIAN STREET	1			
	EMBANKMENT, VISTA VIEW	22			
	EMBANKMENT, NATOMA BOULEVARD	523			
	EMBANKMENT, WB441-1-1	179			
	EMBANKMENT, WB441-1-2	34			
	EMBANKMENT, WB441-1-3	43			
	EMBANKMENT, WB441-1-4	2101			
	EMBANKMENT, WB1-1	25046			
	EMBANKMENT, WB1-2	160			
	EMBANKMENT, WB2A	1604			
	EMBANKMENT, WB2B	24736			
	EMBANKMENT, WB441-2	8665			
	EMBANKMENT, WB-A	1226			
0120 6	EMBANKMENT, TOTAL	303108	△		
0120 76 1	NATURAL CLAY BORROW FOR CLAY CORE	29.8		SEE NOTE	

SUMMARY OF TURNOUT CONSTRUCTION

LOCATION STA. TO STA.	SIDE	AREA ID	0286 1		DESIGN NOTES	CONSTRUCTION REMARKS
			SY			
			P	F		
24+76.32 to 25+18.32	RT	16076	39.5			
26+01.45 to 26+43.45	RT	16053	34.8			
46+24.06 to 46+50.49	RT	16054	35.5		POND RD.	
67+63.24 to 68+72.68	RT	133902	140.8			
82+20.25 to 83+40.27	RT	102964	269.1			
406+77.27 to 407+20.78	RT	102950	79.0			
410+08.16 to 410+51.95	RT	152142	21.8			
410+81.92 to 411+37.99	RT	152148	27.3			
412+54.74 to 413+61.38	LT	152153	56.8			
412+74.66 to 413+37.79	RT	152158	32.8			
413+61.38 to 415+86.86	LT	152162	112.3			
416+50.80 to 417+55.87	RT	152170	50.3			
417+74.73 to 418+84.45	RT	152178	59.8			
423+67.56 to 424+27.16	RT	152181	28.6			
SUB-TOTAL:			988.4	△		
TOTAL:			988			

NOTE:
0120 76 1 THE CLAY CORE SHALL BE FREE OF ROOTS AND ORGANIC MATERIAL. CLAY CORE MATERIAL SHALL BE TREATED AS ROADWAY EMBANKMENT MATERIAL WHEN DETERMINING CONSTRUCTION, COMPACTION, AND TESTING REQUIREMENTS IN ACCORDANCE WITH STANDARD SPECIFICATIONS 120-8, 120-9, AND 120-10, EXCEPT AS FOLLOWS:
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REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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05/17/17	JLC △1 ADDED 286-1 AREAS			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	SUMMARY OF QUANTITIES SQ-28
05/26/17	JLC △2 MODIFIED 120-6 AREAS							

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0160 4	TYPE B STABILIZATION	6+45.00 to 8+31.28		LT/RT	107464	SY	505.1		147910			
		8+18.05 to 9+63.40		LT/RT	107800		444.8					
		24+70.00 to 25+44.21		LT	107330		239.8					
		25+44.21 to 27+40.00		LT	107395		50.8					
		25+47.28 to 27+40.00		RT	107522		84.2					
		27+23.96 to 27+40.00		RT	107536		7.2					
		27+40.00 to 27+87.48		LT	107390		12.3					
		27+40.00 to 27+99.61		RT	107511		118.9					
		27+40.00 to 32+80.00		LT/RT	107082		1865.0					
		27+87.40 to 28+62.96		LT	107317		374.7					
		28+66.88 to 31+87.72		LT/RT	107378		172.7					
		31+28.17 to 31+79.02		LT	107497		757.3					
		31+28.41 to 31+61.71		LT	107506		59.3					
		32+80.00 to 38+20.00		LT/RT	107724		9652.5					
		38+20.00 to 43+60.08		LT/RT	107756		5404.4					
		43+60.00 to 49+00.00		LT/RT	107773		5745.4					
		46+16.16 to 47+60.13		LT	141584		762.8					
		47+13.31 to 49+00.00		RT	107652		252.5					
		47+60.64 to 49+00.00		RT	107459		619.4					
		49+00.00 to 54+40.00		LT/RT	107205		2285.2					
		49+00.00 to 54+40.00		RT	107403		640.2					
		49+00.00 to 54+40.00		RT	107450		2425.1					
		49+00.01 to 54+40.00		LT/RT	107194		3046.7					
		54+40.00 to 58+03.77		RT	132512		432.3					
		54+40.00 to 59+80.00		LT/RT	107216		6637.9					
		58+15.00 to 59+80.00		RT	132532		195.4					
		59+80.00 to 60+78.58		RT	132576		105.9					
		59+80.00 to 65+20.00		RT	107243		2692.5					
		59+80.00 to 65+20.00		LT	107236		2714.7					
		65+20.00 to 70+60.00		LT	107250		2724.0					
		65+20.00 to 70+60.00		RT	107255		2666.0					
		70+60.00 to 76+00.00		LT/RT	107261		6045.9					
		74+53.39 to 75+73.18		LT	107412		444.3					
		76+00.00 to 81+40.00		LT/RT	107272		5721.3					
		81+40.00 to 86+80.00		LT/RT	107284		6049.2					
		82+20.25 to 83+40.27		RT	107910		262.0					
		86+80.00 to 92+20.00		LT	107439		2695.0					
		86+80.00 to 92+20.00		RT	107444		2695.0					
		92+09.67 to 93+62.32		RT	107365		427.0					
		92+20.00 to 94+00.00		LT	107425		898.3					
		92+20.00 to 94+00.00		RT	107431		898.3					
		210+92.03 to 212+72.03		LT/RT	107548		888.0					
		212+72.03 to 213+32.03		LT/RT	107542		282.5					
		213+32.03 to 216+15.64		LT/RT	107113		1337.6					
		221+51.42 to 221+92.03		LT/RT	107492		197.9					
		221+92.02 to 227+81.62		LT/RT	107482		2671.0					
		227+79.09 to 230+47.14		LT/RT	107477		1177.5					
		403+84.15 to 411+37.99		RT	160809		1090.0					
		403+87.52 to 409+99.91		LT	160799		530.7					
		410+65.54 to 417+02.42		LT	160982		501.4					

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DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
SR 46	LAKE	238275-2-52-01																							

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SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS		
		STA. TO STA.	DESCRIPTION				P	F	P	F				
0160 4	TYPE B STABILIZATION (CONT'D)	411+50.15 to 416+78.09		RT	161186	SY	439.5							
		417+42.99 to 423+71.11		RT	161198		572.2							
		417+63.20 to 424+50.09		LT	161017		849.0							
		427+00.00 to 431+20.00		LT/RT	107178		4366.6							
		431+20.00 to 436+60.00		LT/RT	107714		6651.0							
		436+60.00 to 442+00.00		LT/RT	107704		6881.8							
		445+40.00 to 450+80.00		LT/RT	107810		6922.9							
		450+79.27 to 456+20.00		LT	107829		5479.1							
		450+80.00 to 456+20.00		RT	107844		3250.0							
		456+20.00 to 461+60.00		LT	107122		4432.6							
		456+20.00 to 461+60.00		RT	107849		2974.1							
		461+60.00 to 467+00.00		RT	108015		1762.9							
		461+60.00 to 467+00.00		LT/RT	107995		4399.9							
		463+69.86 to 464+11.07		RT	107558		504.8							
		467+00.00 to 472+40.00		RT	107133		976.5							
		469+70.00 to 469+70.00		LT	108037		4286.2							
		472+40.00 to 477+50.00		LT/RT	108067		3891.2							
		472+40.00 to 477+50.00		RT	107860		761.6							
		285701	OPTIONAL BASE, BASE GROUP 01	206+64.93 to 210+92.03		LT/RT	115055	SY	446.3		6311			
207+24.44 to 210+92.03				LT	115048		245.5							
210+92.03 to 212+32.06				LT	115064		93.7							
210+92.03 to 212+72.03				LT/RT	115069		199.9							
212+32.06 to 212+72.03				LT	115074		4.5							
212+72.03 to 213+32.03				LT/RT	115089		66.6							
212+72.03 to 216+15.64				LT	115081		133.1							
213+11.99 to 216+72.03				RT	115165		417.8							
213+32.03 to 216+15.64				LT/RT	115094		158.1							
216+72.03 to 217+60.93				LT/RT	115162		101.2							
221+51.42 to 221+92.02				LT/RT	115038		22.7							
221+51.42 to 221+92.03				LT	115043		25.6							
221+92.02 to 227+79.71				LT/RT	115029		327.0							
221+92.03 to 227+81.30				LT	115019		142.1							
227+79.40 to 230+47.08				LT/RT	115014		149.0							
227+81.24 to 230+46.75				LT	115009		29.2							
231+58.03 to 233+44.39				LT/RT	115142		236.7							
232+05.03 to 233+44.39				LT	115119		15.5							
232+05.03 to 239+32.03				LT/RT	114953		404.0							
233+44.39 to 237+92.03				LT	115112		49.6							
233+44.39 to 238+83.78				RT	114989		600.2							
237+92.03 to 238+86.25				LT	115107		62.4							
238+83.22 to 242+47.79				RT	132759		405.3							
238+85.91 to 240+30.21				LT	115102		95.6							
239+32.03 to 240+85.30				LT/RT	132749		129.6							
242+59.82 to 244+25.53				RT	132774		183.2							
244+25.20 to 244+74.01				RT	132782		56.3							
245+44.46 to 246+00.56				RT	115149		38.6							
403+84.17 to 405+90.99				RT	152243		121.5							
403+87.52 to 409+95.13		LT	152280		332.4									
410+70.16 to 417+02.74		LT	152285		348.3									
411+50.15 to 416+71.54		RT	152304		287.9									

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DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
SR 46	LAKE	238275-2-52-01																							

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SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
285701	OPTIONAL BASE, BASE GROUP 01 (CONT'D)	417+47.69 to 424+27.26		RT	152319	SY	381.1					
285702	OPTIONAL BASE, BASE GROUP 02	405+90.96 to 406+77.27		RT	163632	SY	47.7		459			
		407+20.78 to 410+91.42		RT	163633		202.4					
		417+63.65 to 420+40.00		LT	163059		149.6					
		420+40.00 to 421+45.55		LT	163064		59.0					
285703	OPTIONAL BASE, BASE GROUP 03	24+70.21 to 25+44.21		LT	29314	SY	217.0		3330			
		28+13.13 to 28+37.15		LT	20589		209.7					
		31+30.50 to 31+78.50		LT	20656		684.2					
		31+30.75 to 31+59.38		LT	20662		51.0					
		45+53.19 to 46+60.52		RT	20672		466.8					
		46+31.02 to 47+59.93		LT	141755		547.8					
		46+36.67 to 46+93.99		RT	20667		220.0					
		75+01.13 to 75+24.97		LT	20639		157.9					
		92+59.67 to 92+83.67		RT	20624		153.3					
		463+72.19 to 464+08.74		RT	20646		441.1					
		463+76.35 to 464+10.48		RT	20651		181.4					
285709	OPTIONAL BASE, BASE GROUP 09	25+47.29 to 27+40.00		RT	22078	SY	81.1		123547			
		27+26.68 to 27+40.00		RT	22086		2.6					
		27+40.00 to 27+99.61		RT	22090		3.3					
		27+40.00 to 32+80.00		LT/RT	22090		0.0					
		27+87.48 to 28+62.96		LT	21800		218.0					
		32+80.00 to 38+60.00		LT	91000		850.0					
		36+06.42 to 38+20.00		LT	101052		63.0					
		37+75.22 to 38+18.03		RT	10064		7.0					
		38+15.35 to 43+60.00		RT	10053		4.0					
		38+20.00 to 43+60.00		RT	10053		4826.8					
		43+60.00 to 46+08.74		LT	22078		705.2					
		43+60.00 to 49+00.00		LT	15100		5361.3					
		46+15.73 to 46+68.39		LT	141641		58.9					
		46+52.38 to 46+75.00		LT	91550		178.8					
		46+91.01 to 46+99.01		LT	141643		120.1					
		47+60.64 to 49+00.00		RT	21946		371.6					
		49+00.00 to 52+68.00		LT/RT	21664		1600.4					
		49+00.00 to 54+40.00		LT/RT	21673		3267.4					
		49+00.00 to 54+40.00		RT	21951		1440.5					
		54+40.00 to 59+80.00		LT/RT	132907		5855.6					
		59+80.00 to 65+20.00		RT	21689		2399.6					
		59+80.00 to 65+20.00		LT	21682		2417.6					
		65+20.00 to 70+60.00		RT	21701		2374.0					
		65+20.00 to 70+60.00		LT	21696		2426.0					
		70+60.00 to 76+00.00		LT/RT	21706		5643.5					
		74+53.39 to 75+73.18		LT	21780		253.6					
		76+00.00 to 81+40.00		LT/RT	21721		5224.7					
		81+40.00 to 86+80.00		LT/RT	21733		5643.9					
		86+80.00 to 92+20.00		RT	21756		2400.0					
		86+80.00 to 92+20.00		LT	21751		2400.0					
		92+09.67 to 93+33.67		RT	21773		252.6					
		92+20.00 to 94+00.00		RT	21767		800.0					
		92+20.00 to 94+00.00		LT	21762		800.0					
		405+90.98 to 409+99.50		RT	102953		294.9					

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DATE	DESCRIPTION	DATE	DESCRIPTION																						
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SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
285701	OPTIONAL BASE, BASE GROUP 01 (CONT'D)	417+47.69 to 424+27.26		RT	152319	SY	381.1					
285702	OPTIONAL BASE, BASE GROUP 02	405+90.96 to 406+77.27		RT	163632	SY	47.7		459			
		407+20.78 to 410+91.42		RT	163633		202.4					
		417+63.65 to 420+40.00		LT	163059		149.6					
		420+40.00 to 421+45.55		LT	163064		59.0					
285703	OPTIONAL BASE, BASE GROUP 03	24+70.21 to 25+44.21		LT	29314	SY	217.0		3330			
		28+13.13 to 28+37.15		LT	20589		209.7					
		31+30.50 to 31+78.50		LT	20656		684.2					
		31+30.75 to 31+59.38		LT	20662		51.0					
		45+53.19 to 46+60.52		RT	20672		466.8					
		46+31.02 to 47+59.93		LT	141755		547.8					
		46+36.67 to 46+93.99		RT	20667		220.0					
		75+01.13 to 75+24.97		LT	20639		157.9					
		92+59.67 to 92+83.67		RT	20624		153.3					
		463+72.19 to 464+08.74		RT	20646		441.1					
		463+76.35 to 464+10.48		RT	20651		181.4					
285709	OPTIONAL BASE, BASE GROUP 09	25+47.29 to 27+40.00		RT	22078	SY	81.1		120680	1		
		27+26.68 to 27+40.00		RT	22086		2.6					
		27+40.00 to 27+99.61		RT	22090		103.3					
		27+40.00 to 32+80.00		LT/RT	22097		1530.8	1				
		27+87.48 to 28+62.96		LT	21825		105.1					
		32+80.00 to 38+60.00		LT/RT	91007		8239.8	1				
		36+06.42 to 38+20.00		LT	91052		630.8					
		37+75.22 to 38+18.03		RT	22064		105.7					
		38+15.35 to 43+60.00		RT	22053		1554.0					
		38+20.00 to 43+60.00		LT/RT	91070		4817.2	1				
		43+60.00 to 46+08.74		RT	22048		705.2					
		43+60.00 to 49+00.00		LT/RT	151262		5033.1	1				
		46+15.73 to 46+68.39		LT	141641		58.9					
		46+52.38 to 47+35.00		RT	91550		178.8					
		46+91.01 to 47+60.91		LT	141643		120.1					
		47+60.64 to 49+00.00		RT	21946		371.6					
		49+00.00 to 52+68.57		LT/RT	21664		1600.4					
		49+00.00 to 54+40.00		LT/RT	21673		3059.7	1				
		49+00.00 to 54+40.00		RT	21951		1440.5					
		54+40.00 to 59+80.00		LT/RT	132907		5843.0	1				
		59+80.00 to 65+20.00		RT	21689		2399.6					
		59+80.00 to 65+20.00		LT	21682		2417.6					
		65+20.00 to 70+60.00		RT	21701		2374.0					
		65+20.00 to 70+60.00		LT	21696		2426.0					
		70+60.00 to 76+00.00		LT/RT	21706		5429.6	1				
		74+53.39 to 75+73.18		LT	21780		253.6					
		76+00.00 to 81+40.00		LT/RT	21721		5070.6	1				
		81+40.00 to 86+80.00		LT/RT	21733		5362.0					
		86+80.00 to 92+20.00		RT	21756		2400.0					
		86+80.00 to 92+20.00		LT	21751		2400.0					
		92+09.67 to 93+33.67		RT	21773		252.6					
		92+20.00 to 94+00.00		RT	21767		800.0					
		92+20.00 to 94+00.00		LT	21762		800.0					
		405+90.98 to 409+99.50		RT	102953		294.9					

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>05/17/17</td> <td>JLC 1 MODIFIED QUANTITIES 285-709</td> <td></td> <td></td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION	05/17/17	JLC 1 MODIFIED QUANTITIES 285-709			<p align="center">MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877</p>		<p align="center">STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>SR 46</td> <td>LAKE</td> <td>238275-2-52-01</td> </tr> </tbody> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 46	LAKE	238275-2-52-01	<p align="center">SUMMARY OF QUANTITIES</p>		<p align="center">SHEET NO. SQ-31</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																						
05/17/17	JLC 1 MODIFIED QUANTITIES 285-709																								
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
SR 46	LAKE	238275-2-52-01																							

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SUMMARY OF PAVEMENT


PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
285709	OPTIONAL BASE, BASE GROUP 09 (CONT'D)	417+63.20 to 420+40.00		LT	22005	SY	177.8					
		420+40.00 to 421+45.55		LT	22042		64.2					
		427+00.00 to 431+20.00		LT/RT	21582		4328.4					
		431+20.00 to 436+60.00		LT/RT	21604		6091.5					
		436+60.00 to 442+00.00		LT/RT	91017		6423.2					
		445+40.00 to 450+80.00		LT/RT	91046		6434.0					
		445+63.18 to 449+03.64		LT	22161		903.5					
		449+00.69 to 450+82.52		LT	22168		480.8					
		450+80.00 to 456+20.00		LT	22174		4137.2					
		450+80.00 to 456+20.04		RT	21452		2940.1					
		456+20.00 to 461+60.00		LT	108458		4122.5					
		456+20.04 to 461+60.00		RT	21472		2662.0					
		461+60.00 to 467+00.00		LT/RT	108465		4221.5					
		461+60.00 to 467+00.00		RT	21482		1121.1					
		463+28.11 to 464+61.02		RT	91024		331.3					
		467+00.00 to 472+40.00		RT	21510		100.9					
		469+70.00 to 469+70.00		LT	108488		100.9					
		472+40.00 to 477+50.00		LT/RT	108511		367.0					
		472+40.00 to 477+50.00		RT	11930		617.0					
0327 70 3	MILLING EXIST ASPH PAVT, 4 1/2" AVG DEPTH	403+86.56 to 424+00.00		LT	10911		2575.8		2576			
0327 70 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	24+70.00 to 27+40.00		LT/RT	11912		745.0		2329			
		27+40.00 to 32+60.00		RT	11912		1583.0					
0327 70 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	31+30.81 to 31+59.19			25000	SY			139			
0327 70 7	MILLING EXIST ASPH PAVT, 4" AVG DEPTH	403+84.72 to 424+00.00			15751	SY	26.9		2627			
0327 70 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	403+85.13 to 409+54.84		LT/RT	25314	SY	767.6		5632			
		405+64.02 to 411+50.15		RT	15440		675.3					
		405+85.28 to 409+60.00		RT	15417		596.0					
		410+74.17 to 415+00.00		RT	25244		324.1					
		412+29.84 to 412+00.00			25075		768.3					
		415+00.00 to 415+28.00		LT	24983		2.4					
		415+00.00 to 420+40.00		LT/RT	24818		1210.9					
		416+69.15 to 420+40.00		LT	160099		533.3					
		420+40.00 to 422+49.80		LT	24774		120.8					
		420+40.00 to 424+00.00		LT	24744		376.1					
		424+27.17 to 426+79.41		RT	160081		132.9					
		424+49.99 to 427+00.00		LT	160082		124.3					
0327 70 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	426+99.99 to 429+00.00		LT	157805	SY	511.3		5887			
		427+01.71 to 429+00.00		RT	157810		679.7					
		460+00.00 to 461+60.00		RT	108777		411.8					
		461+60.00 to 467+00.00		RT	108754		1386.4					
		467+00.00 to 472+40.00		RT	108719		1384.0					
		472+40.00 to 477+50.00		RT	109054		1513.4					
0327 70 18	MILLING EXIST ASPH PAVT, 5 1/2" AVG DEPTH	403+84.33 to 424+00.01		RT	157651	SY	2615.1		2615			
0327 70 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	424+00.00 to 427+01.71		RT	159712	SY	865.3		1749			
		424+00.00 to 427+01.71		LT	159613		883.8					
0327 70 23	MILLING EXIST ASPH PAVT, 6" AVG DEPTH	403+86.96 to 424+00.00		LT	157769	SY	2651.5		2652			
0334 1 53	SUPERPAVE ASPHALTIC CONCRETE	7+43.16 to 7+81.68		RT	114488	TN	1.95		18348.4			
	(TRAFFIC C, PG 76-22)	24+70.00 to 27+40.00		LT/RT	112743		61.52					

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DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
SR 46	LAKE	238275-2-52-01																							

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SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
285709	OPTIONAL BASE, BASE GROUP 09 (CONT'D)	417+63.20 to 420+40.00		LT	22005	SY	177.8					
		420+40.00 to 421+45.55		LT	22042		64.2					
		427+00.00 to 431+20.00		LT/RT	21582		4045.8					
		431+20.00 to 436+60.00		LT/RT	21604		5991.7					
		436+60.00 to 442+00.00		LT/RT	91017		6157.5					
		445+40.00 to 450+80.00		LT/RT	91046		6327.9					
		445+63.18 to 449+03.64		LT	22161		903.5					
		449+00.69 to 450+82.52		LT	22168		480.8					
		450+80.00 to 456+20.00		LT	22174		4137.2					
		450+80.00 to 456+20.04		RT	21452		2940.1					
		456+20.00 to 461+60.00		LT	108458		4122.5					
		456+20.04 to 461+60.00		RT	21472		2662.0					
		461+60.00 to 467+00.00		LT/RT	108465		3984.4					
		461+60.00 to 467+00.00		RT	21482		1121.1					
		463+28.11 to 464+61.02		RT	91024		331.3					
		467+00.00 to 472+40.00		RT	21510		819.9					
		469+70.00 to 469+70.00		LT	108488		3933.0					
		472+40.00 to 477+50.00		LT/RT	108516		3599.2					
		472+40.00 to 477+50.00		RT	21930		617.7					
0327 70 3	MILLING EXIST ASPH PAVT, 4 1/2" AVG DEPTH	403+86.56 to 424+00.00		LT	159911	SY	2575.8		2576			
0327 70 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	24+70.00 to 27+40.00		LT/RT	22892	SY	745.7		2329			
		27+40.00 to 32+60.00		LT/RT	22901		1583.6					
0327 70 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	31+30.81 to 31+59.19		LT	25946	SY	138.9		139			
0327 70 7	MILLING EXIST ASPH PAVT, 4" AVG DEPTH	403+84.72 to 424+00.00		RT	157530	SY	2626.9		2627			
0327 70 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	403+85.13 to 409+54.84		LT/RT	25314	SY	767.6		5632			
		405+64.02 to 411+50.15		RT	25440		675.3					
		405+85.28 to 409+60.00		RT	25417		596.0					
		410+74.17 to 415+00.00		RT	25244		324.1					
		412+29.84 to 412+29.84		RT	25075		768.3					
		415+00.00 to 415+28.13		LT	24983		2.4					
		415+00.00 to 420+40.00		LT/RT	24818		1210.9					
		416+69.15 to 420+40.00		LT	160099		533.3					
		420+40.00 to 422+49.80		LT	24774		120.8					
		420+40.00 to 424+00.00		LT	24744		376.1					
		424+27.17 to 426+79.41		RT	160081		132.9					
		424+49.99 to 427+00.00		LT	160082		124.3					
0327 70 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	426+99.99 to 429+00.00		LT	157805	SY	511.3		5887			
		427+01.71 to 429+00.00		RT	157810		679.7					
		460+00.00 to 461+60.00		RT	108777		411.8					
		461+60.00 to 467+00.00		RT	108754		1386.4					
		467+00.00 to 472+40.00		RT	108719		1384.0					
		472+40.00 to 477+50.00		RT	109054		1513.4					
0327 70 18	MILLING EXIST ASPH PAVT, 5 1/2" AVG DEPTH	403+84.33 to 424+00.01		RT	157651	SY	2615.1		2615			
0327 70 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	424+00.00 to 427+01.71		RT	159712	SY	865.3		1749			
		424+00.00 to 427+01.71		LT	159613		883.8					
0327 70 23	MILLING EXIST ASPH PAVT, 6" AVG DEPTH	403+86.96 to 424+00.00		LT	157769	SY	2651.5		2652			
0334 1 53	SUPERPAVE ASPHALTIC CONCRETE	7+43.16 to 7+81.68		RT	114488	TN	1.95		18009.2			
	(TRAFFIC C, PG 76-22)	24+70.00 to 27+40.00		LT/RT	112743		61.52					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
05/17/17	JLC  MODIFIED QUANTITIES 285-709 & 334-1-53				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE		238275-2-52-01

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SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0334 1 53	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C, PG 76-22) (CONT'D)	24+76.32 to 25+18.32		RT	114474	TN	3.26					
		25+47.29 to 27+40.00		RT	112772		6.69					
		26+01.45 to 26+43.45		RT	114481		2.87					
		27+26.68 to 27+40.00		RT	113123		0.21					
		27+40.00 to 27+99.61		RT	113116		8.52					
		27+40.00 to 32+60.00		LT/RT	112752		130.64					
		27+40.00 to 32+80.00		LT/RT	112779		133.49					
		27+87.48 to 28+62.96		LT	113110		8.67					
		32+80.00 to 34+26.23		LT/RT	114568		121.94					
		34+26.23 to 36+65.40		LT/RT	114548		463.67					
		36+06.42 to 38+20.00		LT	114586		52.04					
		36+65.40 to 38+20.00		LT/RT	114563		121.17					
		38+20.00 to 43+60.00		LT/RT	114597		398.34					
		46+15.73 to 46+68.39		LT	141766		4.86					
		46+28.93 to 46+28.93		LT	151275		442.31					
		46+52.40 to 47+35.00		RT	114643		14.71					
		46+91.01 to 47+60.91		LT	141758		9.91					
		47+13.64 to 49+00.00		RT	114429		19.53					
		47+60.64 to 49+00.00		RT	113048		30.66					
		49+00.00 to 52+68.57		LT/RT	112819		132.03					
		49+00.00 to 54+40.00		LT/RT	112810		269.56					
		49+00.00 to 54+40.00		RT	113052		118.84					
		49+00.00 to 54+40.00		RT	113052		118.84					
		54+40.00 to 58+03.75		RT	113052		118.84					
		54+40.00 to 59+80.00		RT	133033		4.99					
		58+15.02 to 59+80.00		RT	133033		4.99					
		59+80.00 to 60+78.58		RT	133033		4.99					
		59+80.00 to 65+20.00		LT	112851		1.45					
		59+80.00 to 65+20.00		RT	113013		197.73					
		65+20.00 to 70+60.00		RT	113070		195.86					
		65+20.00 to 70+60.00		RT	113070		195.86					
		67+63.24 to 68+72.68		RT	133016		11.61					
		70+60.00 to 76+00.00		RT	112875		465.59					
		74+53.39 to 76+00.00		RT	113132		20.92					
		76+00.00 to 81+40.00		LT/RT	112890		431.04					
		81+40.00 to 86+80.00		LT/RT	112902		465.62					
		82+20.25 to 83+40.00		RT	113137		22.31					
		86+80.00 to 92+20.00		RT	112925		198.00					
		86+80.00 to 92+20.00		LT	112920		198.00					
		92+09.67 to 93+33.67		RT	113144		20.84					
		92+20.00 to 94+00.00		RT	112936		66.00					
		92+20.00 to 94+00.00		LT	112931		66.00					
		200+11.06 to 210+92.03		LT/RT	114750		262.37					
		210+92.03 to 212+72.03		LT/RT	113012		39.66					
		212+72.03 to 216+15.64		LT/RT	113018		74.54					
		221+51.42 to 221+92.02		LT/RT	113025		8.72					
		221+92.03 to 227+81.24		LT/RT	113032		128.20					
		227+79.71 to 230+47.03		LT/RT	113043		58.18					
		403+84.17 to 406+77.27		RT	153282		13.96					
		403+84.33 to 424+00.01		RT	139221		575.33					

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DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
SR 46	LAKE	238275-2-52-01																							

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PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0334 1 53	SUPERPAVE ASPHALTIC CONCRETE	24+76.32 to 25+18.32		RT	114474	TN	3.26					
	(TRAFFIC C, PG 76-22) (CONT'D)	25+47.29 to 27+40.00		RT	112772		6.69					
		26+01.45 to 26+43.45		RT	114481		2.87					
		27+26.68 to 27+40.00		RT	113123		0.21					
		27+40.00 to 27+99.61		RT	113116		8.52					
		27+40.00 to 32+60.00		LT/RT	112752		130.64					
		27+40.00 to 32+80.00		LT/RT	112779		126.30				1	
		27+87.48 to 28+62.96		LT	113110		8.67					
		32+80.00 to 34+26.23		LT/RT	114568		110.55				1	
		34+26.23 to 36+65.40		LT/RT	114548		453.70				1	
		36+06.42 to 38+20.00		LT	114586		52.04					
		36+65.40 to 38+20.00		LT/RT	114563		115.50				1	
		38+20.00 to 43+60.00		LT/RT	114597		397.55				1	
		46+15.73 to 46+68.39		LT	141766		4.86					
		46+28.93 to 46+28.93		LT	151275		415.23				1	
		46+52.40 to 47+35.00		RT	114643		14.71					
		46+91.01 to 47+60.91		LT	141758		9.91					
		47+13.64 to 49+00.00		RT	114429		19.53					
		47+60.64 to 49+00.00		RT	113048		30.66					
		49+00.00 to 52+68.57		LT/RT	112819		132.03					
		49+00.00 to 54+40.00		LT/RT	112810		252.42				1	
		49+00.00 to 54+40.00		RT	113053		118.84					
		49+00.00 to 54+40.00		RT	114436		49.51					
		54+40.00 to 58+03.75		RT	133049		33.44					
		54+40.00 to 59+80.00		LT/RT	133092		482.05				1	
		58+15.02 to 59+80.00		RT	133042		15.11					
		59+80.00 to 60+78.58		RT	133030		8.55					
		59+80.00 to 65+20.00		LT	112851		199.45					
		59+80.00 to 65+20.00		RT	133113		197.73					
		65+20.00 to 70+60.00		RT	112870		195.86					
		65+20.00 to 70+60.00		LT	112865		200.14					
		67+63.24 to 68+72.68		RT	133916		11.61					
		70+60.00 to 76+00.00		LT/RT	112875		447.94				1	
		74+53.39 to 75+73.18		LT	113132		20.92					
		76+00.00 to 81+40.00		LT/RT	112890		418.33				1	
		81+40.00 to 86+80.00		LT/RT	112902		442.36					
		82+20.25 to 83+40.27		RT	113137		22.31					
		86+80.00 to 92+20.00		RT	112925		198.00					
		86+80.00 to 92+20.00		LT	112920		198.00					
		92+09.67 to 93+33.67		RT	113144		20.84					
		92+20.00 to 94+00.00		RT	112936		66.00					
		92+20.00 to 94+00.00		LT	112931		66.00					
		200+11.06 to 210+92.03		LT/RT	114750		262.37					
		210+92.03 to 212+72.03		LT/RT	113012		39.66					
		212+72.03 to 216+15.64		LT/RT	113018		74.54					
		221+51.42 to 221+92.02		LT/RT	113025		8.72					
		221+92.03 to 227+81.24		LT/RT	113032		128.20					
		227+79.71 to 230+47.03		LT/RT	113043		58.18					
		403+84.17 to 406+77.27		RT	153282		13.96					
		403+84.33 to 424+00.01		RT	139221		575.33					

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SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0334 1 53	SUPERPAVE ASPHALTIC CONCRETE	403+84.72 to 424+00.00		RT	139016	TN	433.44					
	(TRAFFIC C, PG 76-22) (CONT'D)	403+86.56 to 424+00.00		LT	138988		425.01					
		403+86.96 to 424+00.00		LT	138968		583.33					
		403+87.52 to 409+95.13		LT	153296		27.42					
		405+64.02 to 411+50.15		RT	152329		37.55					
		405+90.98 to 410+87.80		RT	153364		56.56					
		406+62.29 to 407+35.79		RT	114732		8.95					
		407+20.78 to 410+91.42		RT	153301		16.70					
		409+79.62 to 410+85.89		LT	153417		4.03					
		410+08.29 to 410+51.94		RT	153357		1.78					
		410+70.16 to 417+02.74		LT	153315		28.73					
		410+82.58 to 411+37.99		RT	153351		2.25					
		411+50.15 to 416+71.54		RT	153306		23.76					
		412+54.74 to 413+61.38		LT	153446		4.69					
		412+74.70 to 413+37.79		RT	153457		2.69					
		413+61.38 to 415+86.58		LT	153451		9.16					
		413+92.58 to 413+92.58		LT	152806		210.53					
		416+50.80 to 417+55.87		RT	153462		8.30					
		416+69.15 to 424+00.04		LT	160214							
		417+47.69 to 424+27.26		RT	153326		1.44					
		417+63.20 to 420+40.00		LT	113067		29.33					
		417+63.65 to 420+40.00		LT	153337		12.34					
		417+74.75 to 418+84.45		RT	153444		4.91					
		420+40.00 to 421+45.55		LT	113066		1.60					
		420+40.00 to 421+45.55		RT	153343		1.87					
		423+67.56 to 424+27.15		RT	114500							
		424+00.00 to 427+01.71		RT	114500		166.53					
		424+00.00 to 427+01.71		LT	160214		70.59					
		427+00.00 to 429+00.00		LT	160214		686.06					
		427+00.00 to 431+20.00		LT/RT	112964		93.26					
		427+01.71 to 429+00.00		RT	114500		1005.10					
		431+20.00 to 436+60.00		LT/RT	114527		1059.83					
		436+60.00 to 442+00.00		LT/RT	114527		24.30					
		445+40.00 to 446+67.83		RT	114591		1013.00					
		445+40.00 to 450+80.00		LT/RT	114698		485.12					
		450+80.00 to 456+20.04		RT	114520		767.01					
		450+80.00 to 461+60.00		LT	114739		439.24					
		456+20.04 to 461+60.00		RT	114510		69.94					
		460+00.00 to 461+60.00		LT	113264		67.95					
		460+00.00 to 461+60.00		RT	113270		184.99					
		461+60.00 to 467+00.00		RT	114579		256.91					
		461+60.00 to 467+00.00		RT	113236		295.09					
		461+60.00 to 467+00.00		LT/RT	114683		240.07					
		461+60.00 to 467+00.00		LT	113253		137.71					
		461+60.00 to 467+00.00		LT	114677		27.34					
		463+28.11 to 464+61.02		RT	114573		133.53					
		467+00.00 to 472+40.00		LT	114502		239.70					
		467+00.00 to 472+40.00		LT	113219		183.52					
		467+00.00 to 472+40.00		LT/RT	112964		339.71					
		467+00.00 to 472+40.00		RT	113195							

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		STA. TO STA.	DESCRIPTION				P	F	P	F		
0334 1 53	SUPERPAVE ASPHALTIC CONCRETE	403+84.72 to 424+00.00		RT	139016	TN	433.44					
	(TRAFFIC C, PG 76-22) (CONT'D)	403+86.56 to 424+00.00		LT	138988		425.01					
		403+86.96 to 424+00.00		LT	138968		583.33					
		403+87.52 to 409+95.13		LT	153296		27.42					
		405+64.02 to 411+50.15		RT	152329		37.55					
		405+90.98 to 410+87.80		RT	153364		56.56					
		406+62.29 to 407+35.79		RT	114732		8.95					
		407+20.78 to 410+91.42		RT	153301		16.70					
		409+79.62 to 410+85.89		LT	153417		4.03					
		410+08.29 to 410+51.94		RT	153357		1.78					
		410+70.16 to 417+02.74		LT	153315		28.73					
		410+82.58 to 411+37.99		RT	153351		2.25					
		411+50.15 to 416+71.54		RT	153306		23.76					
		412+54.74 to 413+61.38		LT	153446		4.69					
		412+74.70 to 413+37.79		RT	153457		2.69					
		413+61.38 to 415+86.58		LT	153451		9.16					
		413+92.58 to 413+92.58		LT	152806		210.53					
		416+50.80 to 417+55.87		RT	153462		8.30					
		416+69.15 to 424+00.04		LT	160214		50.02					
		417+47.69 to 424+27.26		RT	153326		31.44					
		417+63.20 to 420+40.00		LT	113067		29.33					
		417+63.65 to 420+40.00		LT	153338		12.34					
		417+74.75 to 418+84.45		RT	153495		4.91					
		420+40.00 to 421+45.55		LT	113061		10.60					
		420+40.00 to 421+45.55		LT	153343		4.87					
		423+67.56 to 424+27.15		RT	153500		2.36					
		424+00.00 to 427+01.71		RT	160379		169.95					
		424+00.00 to 427+01.71		LT	160303		166.53					
		427+00.00 to 429+00.00		LT	160470		70.59					
		427+00.00 to 431+20.00		LT/RT	112942		639.43					
		427+01.71 to 429+00.00		RT	160483		93.26					
		431+20.00 to 436+60.00		LT/RT	114537		988.63					
		436+60.00 to 442+00.00		LT/RT	114527		1015.98					
		445+40.00 to 446+67.83		RT	114591		24.30					
		445+40.00 to 450+80.00		LT/RT	114698		995.98					
		450+80.00 to 456+20.04		RT	114520		485.12					
		450+80.00 to 461+60.00		LT	114739		767.01					
		456+20.04 to 461+60.00		RT	114510		439.24					
		460+00.00 to 461+60.00		LT	113264		69.94					
		460+00.00 to 461+60.00		RT	113270		67.95					
		461+60.00 to 467+00.00		RT	114579		184.99					
		461+60.00 to 467+00.00		RT	113236		256.91					
		461+60.00 to 467+00.00		LT/RT	114683		255.97					
		461+60.00 to 467+00.00		LT	113253		240.07					
		461+60.00 to 467+00.00		LT	114677		137.71					
		463+28.11 to 464+61.02		RT	114573		27.34					
		467+00.00 to 472+40.00		LT	114502		133.53					
		467+00.00 to 472+40.00		LT	113219		239.70					
		467+00.00 to 472+40.00		LT/RT	112964		154.80					
		467+00.00 to 472+40.00		RT	113195		339.71					

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		STA. TO STA.	DESCRIPTION				P	F	P	F			
0334 1 53	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C, PG 76-22) (CONT'D)	467+00.00 to 472+40.00		RT	114496	TN	135.28						
		472+40.00 to 477+50.00		RT	113174		250.80						
		472+40.00 to 477+50.00		RT	114661		101.92						
		472+40.00 to 477+50.00		LT/RT	112984		258.78						
		472+40.00 to 477+50.00		LT	114651		121.60						
		472+40.00 to 477+50.00		LT	113149		225.66						
0337 7 25	ASPHALTIC CONCRETE FRICTION COURSE (FC-5, PG 76-22)	403+84.17 to 409+60.00		LT/RT	156680	TN	234.22		3343.9				
		412+30.00 to 412+30.00		RT	156809		201.77						
		415+00.00 to 420+40.00		LT/RT	157009		216.86						
		420+40.00 to 425+80.00		RT	157239		70.49						
		420+40.00 to 425+80.00		LT	157204		91.85						
		425+80.00 to 429+00.00		RT	157330		38.30						
		425+80.00 to 429+00.00		LT	157265		38.99						
		426+79.34 to 431+20.00		LT/RT	34532		174.90						
		426+79.44 to 428+15.40		RT	136901		12.81						
		431+20.00 to 436+60.00		LT/RT	34554		244.42						
		436+60.00 to 442+00.00		LT/RT	93675		257.73						
		442+00.00 to 445+40.00		LT/RT	93674		225.51						
		445+40.00 to 450+80.00		LT/RT	93674		247.38						
		450+80.00 to 456+20.00		LT	116205		112.25						
		450+80.00 to 456+20.04		RT	116289		17.97						
		456+20.00 to 461+60.00		LT	116271		13.36						
		456+20.00 to 461+60.00		LT	116271		15.41						
		461+60.00 to 467+00.00		LT	116271		13.32						
		469+70.00 to 469+70.00		LT	116271		253.36						
		472+40.00 to 477+50.00		LT/RT	16259		233.03						
0337 7 82	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-9.5, PG 76-22)	405+90.98 to 409+60.00		RT	3354	TN	11.31		24.1				
		409+60.00 to 410+08.00		RT	53		1.36						
		417+63.65 to 420+40.00		LT	32848		8.23						
		420+40.00 to 421+45.50		LT	32841		3.24						
0337 7 83	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-12.5, PG 76-22)	24+70.00 to 27+40.00		LT/RT	122188	TN	68.42		6426.9				
		24+70.21 to 27+40.00		LT	121828		17.91						
		27+40.00 to 27+40.00		RT	121487		8.52						
		27+87.48 to 28+60.00		LT	121529		8.67						
		28+13.13 to 28+37.13		LT	121838		17.30						
		30+10.03 to 30+10.03		RT	122165		264.19						
		31+21.72 to 31+72.68		LT/RT	121912		14.96						
		31+30.50 to 31+78.50		LT	121847		56.45						
		31+30.75 to 31+59.38		LT	121853		4.20						
		31+30.81 to 31+59.19		LT	121858		11.46						
		31+71.61 to 32+95.00		LT/RT	121923		36.39						
		32+80.00 to 34+26.23		LT/RT	121928		121.98						
		35+98.37 to 36+28.20		LT	121984		24.35						
		36+06.42 to 38+20.00		LT	121930		52.04						
		36+65.40 to 38+20.00		LT/RT	121929		121.17						
		38+19.99 to 43+60.00		LT/RT	121939		398.21						
45+53.19 to 46+60.52		RT	121883		38.51								
46+15.73 to 47+59.62		LT	141801		62.88								
46+28.93 to 46+28.93		LT	151350		442.31								
46+36.67 to 46+93.99		RT	121878		18.15								

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		STA. TO STA.	DESCRIPTION				P	F	P	F			
0334 1 53	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C, PG 76-22) (CONT'D)	467+00.00 to 472+40.00		RT	114496	TN	135.28						
		472+40.00 to 477+50.00		RT	113174		250.80						
		472+40.00 to 477+50.00		RT	114661		101.92						
		472+40.00 to 477+50.00		LT/RT	112984		245.79		1				
		472+40.00 to 477+50.00		LT	114651		121.60						
		472+40.00 to 477+50.00		LT	113149		225.66						
0337 7 25	ASPHALTIC CONCRETE FRICTION COURSE (FC-5, PG 76-22)	403+84.17 to 409+60.00		LT/RT	156680	TN	234.22		3289.3	1			
		412+30.00 to 412+30.00		RT	156809		201.77						
		415+00.00 to 420+40.00		LT/RT	157009		216.86						
		420+40.00 to 425+80.00		RT	157239		70.49						
		420+40.00 to 425+80.00		LT	157204		91.85						
		425+80.00 to 429+00.00		RT	157330		38.30						
		425+80.00 to 429+00.00		LT	157265		38.99						
		426+79.34 to 431+20.00		LT/RT	34532		163.60		1				
		426+79.44 to 428+15.40		RT	136901		12.81						
		431+20.00 to 436+60.00		LT/RT	34554		240.43		1				
		436+60.00 to 442+00.00		LT/RT	93675		247.10		1				
		442+00.00 to 445+40.00		LT/RT	93674		220.68		1				
		445+40.00 to 450+80.00		LT/RT	93784		243.13		1				
		450+80.00 to 456+20.00		LT	93805		112.25						
		450+80.00 to 456+20.04		RT	93789		117.97						
		456+20.00 to 461+60.00		RT	116331		123.36						
		456+20.00 to 461+60.00		LT	116325		165.41						
		461+60.00 to 467+00.00		LT/RT	116300		273.84		1				
		469+70.00 to 469+70.00		LT	116274		246.40		1				
		472+40.00 to 477+50.00		LT/RT	116259		229.88		1				
0337 7 82	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-9.5, PG 76-22)	405+90.98 to 409+60.00		RT	103354	TN	11.31		24.1				
		409+60.00 to 410+08.28		RT	32853		1.36						
		417+63.65 to 420+40.00		LT	32848		8.23						
		420+40.00 to 421+45.55		LT	32841		3.24						
0337 7 83	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-12.5, PG 76-22)	24+70.00 to 27+40.00		LT/RT	122188	TN	68.42		6303.0	1			
		24+70.21 to 25+44.21		LT	121828		17.91						
		27+40.00 to 27+99.61		RT	121487		8.52						
		27+87.48 to 28+62.96		LT	121529		8.67						
		28+13.13 to 28+37.15		LT	121838		17.30						
		30+10.03 to 30+10.03		RT	122165		257.00		1				
		31+21.72 to 31+72.68		LT/RT	121912		14.96						
		31+30.50 to 31+78.50		LT	121847		56.45						
		31+30.75 to 31+59.38		LT	121853		4.20						
		31+30.81 to 31+59.19		LT	121858		11.46						
		31+71.61 to 32+95.00		LT/RT	121923		36.39						
		32+80.00 to 34+26.23		LT/RT	121928		110.59		1				
		35+98.37 to 36+28.20		LT	121984		24.35						
		36+06.42 to 38+20.00		LT	121930		52.04						
		36+65.40 to 38+20.00		LT/RT	121929		115.50		1				
		38+19.99 to 43+60.00		LT/RT	121939		397.42		1				
		45+53.19 to 46+60.52		RT	121883		38.51						
		46+15.73 to 47+59.62		LT	141801		62.88						
46+28.93 to 46+28.93		LT	151350		415.23		1						
46+36.67 to 46+93.99		RT	121878		18.15								

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DATE	DESCRIPTION	DATE	DESCRIPTION																						
05/17/17	JLC 1 MODIFIED QUANTITIES 334-1-53, 337-7-25 & 337-7-83																								
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
SR 46	LAKE	238275-2-52-01																							

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SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.	DESCRIPTION				P	F	P	F			
0337 7 83	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-12.5, PG 76-22) (CONT'D)	46+52.89 to 47+35.00		RT	121540	TN	14.71						
		47+60.64 to 49+00.00		RT	122229		51.10						
		49+00.00 to 54+40.00		RT	122217		198.06						
		51+67.21 to 51+67.21		LT	122202		401.50						
		54+40.00 to 59+80.00		LT/RT	133312		495.36						
		59+80.00 to 65+20.00		RT	133332		197.73						
		59+80.00 to 65+20.00		LT	121587		199.45						
		65+20.00 to 70+60.00		RT	121606		195.86						
		65+20.00 to 70+60.00		LT	121601		200.14						
		70+60.00 to 76+00.00		LT/RT	121611		465.59						
		74+53.39 to 75+73.18		LT	121626		20.92						
		75+01.15 to 75+24.99		LT	121898		13.12						
		76+00.00 to 81+40.00		LT/RT	121631		431.04						
		81+40.00 to 86+80.00		LT/RT	121643		465.62						
		82+20.25 to 83+40.27		RT	121661		21.32						
		86+80.00 to 92+20.00		RT	121673		198.00						
		86+80.00 to 92+20.00		LT	121668		198.00						
		92+09.67 to 93+33.67		RT	121690		20.84						
		92+20.00 to 94+00.00		RT	121684		56.00						
		92+20.00 to 94+00.00		LT	121684		56.00						
		92+59.67 to 92+83.67		RT	121684		56.00						
		206+07.95 to 210+92.03		LT	122000		17.00						
		210+92.03 to 212+72.03		LT	122080		66.00						
		212+72.03 to 216+15.64		LT/RT	122098		13.00						
		221+51.42 to 221+92.03		LT/RT	121134		33.00						
		221+92.02 to 227+81.62		RT	121111		20.36						
		227+79.09 to 230+47.14		RT	121111		97.14						
0523 1 3	PATTERNED PAVEMENT , VEHICULAR AREAS, GREEN BIKE LANE	40+73.58 to 41+25.01			161500	SY	32.5		209				
		41+26.15 to 41+29.07			161500		1.5						
		41+32.28 to 41+35.17			161601		1.5						
		41+38.41 to 41+41.28			161606		1.5						
		41+44.55 to 41+47.40		LT	161611		1.5						
		41+50.69 to 41+53.54		LT	161616		1.5						
		41+56.85 to 41+59.69		LT	161621		1.5						
		41+63.00 to 41+65.76		LT	161626		1.5						
		41+69.17 to 41+71.90		LT	161631		1.5						
		41+75.33 to 41+78.03		LT	161636		1.5						
		41+81.51 to 41+84.18		LT	161641		1.5						
		41+87.68 to 41+90.33		LT	161646		1.5						
		41+93.86 to 41+96.48		LT	161651		1.5						
		42+00.05 to 42+02.63		LT	161656		1.5						
		42+06.24 to 42+08.80		LT	161661		1.5						
		42+12.43 to 42+14.96		LT	161666		1.5						
		42+18.63 to 42+21.13		LT	161671		1.5						
		42+24.83 to 42+27.30		LT	161676		1.5						
		42+31.03 to 42+33.47		LT	161681		1.5						
		42+37.24 to 42+39.65		LT	161686		1.5						
42+43.45 to 42+45.83		LT	161691		1.5								
42+49.66 to 42+52.01		LT	161696		1.5								
42+55.88 to 42+58.19		LT	161701		1.5								




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REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-36
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	ROAD NO. COUNTY FINANCIAL PROJECT ID SR 46 LAKE 238275-2-52-01			

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SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.	DESCRIPTION				P	F	P	F			
0337 7 83	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-12.5, PG 76-22) (CONT'D)	46+52.89 to 47+35.00		RT	121540	TN	14.71						
		47+60.64 to 49+00.00		RT	122229		51.10						
		49+00.00 to 54+40.00		RT	122217		198.06						
		51+67.21 to 51+67.21		LT	122202		384.36						
		54+40.00 to 59+80.00		LT/RT	133312		494.32						
		59+80.00 to 65+20.00		RT	133332		197.73						
		59+80.00 to 65+20.00		LT	121587		199.45						
		65+20.00 to 70+60.00		RT	121606		195.86						
		65+20.00 to 70+60.00		LT	121601		200.14						
		70+60.00 to 76+00.00		LT/RT	121611		447.94						
		74+53.39 to 75+73.18		LT	121626		20.92						
		75+01.15 to 75+24.99		LT	121898		13.12						
		76+00.00 to 81+40.00		LT/RT	121631		418.33						
		81+40.00 to 86+80.00		LT/RT	121643		442.36						
		82+20.25 to 83+40.27		RT	121661		21.32						
		86+80.00 to 92+20.00		RT	121673		198.00						
		86+80.00 to 92+20.00		LT	121668		198.00						
		92+09.67 to 93+33.67		RT	121690		20.84						
		92+20.00 to 94+00.00		RT	121684		66.00						
		92+20.00 to 94+00.00		LT	121679		66.00						
		92+59.67 to 92+83.67		RT	121905		12.65						
		206+07.95 to 210+92.03		LT/RT	122076		173.47						
		210+92.03 to 212+72.03		LT/RT	122087		66.09						
		212+72.03 to 216+15.64		LT/RT	122098		132.38						
221+51.42 to 221+92.03		LT/RT	122134		16.33								
221+92.02 to 227+81.62		LT/RT	122111		220.36								
227+79.09 to 230+47.14		LT/RT	122125		97.14								
0523 1 3	PATTERNED PAVEMENT , VEHICULAR AREAS, GREEN BIKE LANE	40+73.58 to 41+25.01		LT	161564	SY	32.5		209				
		41+26.15 to 41+29.07		LT	161596		1.5						
		41+32.28 to 41+35.17		LT	161601		1.5						
		41+38.41 to 41+41.28		LT	161606		1.5						
		41+44.55 to 41+47.39		LT	161611		1.5						
		41+50.69 to 41+53.51		LT	161616		1.5						
		41+56.85 to 41+59.63		LT	161621		1.5						
		41+63.00 to 41+65.76		LT	161626		1.5						
		41+69.17 to 41+71.90		LT	161631		1.5						
		41+75.33 to 41+78.03		LT	161636		1.5						
		41+81.51 to 41+84.18		LT	161641		1.5						
		41+87.68 to 41+90.33		LT	161646		1.5						
		41+93.86 to 41+96.48		LT	161651		1.5						
		42+00.05 to 42+02.63		LT	161656		1.5						
		42+06.24 to 42+08.80		LT	161661		1.5						
		42+12.43 to 42+14.96		LT	161666		1.5						
		42+18.63 to 42+21.13		LT	161671		1.5						
		42+24.83 to 42+27.30		LT	161676		1.5						
		42+31.03 to 42+33.47		LT	161681		1.5						
		42+37.24 to 42+39.65		LT	161686		1.5						
42+43.45 to 42+45.83		LT	161691		1.5								
42+49.66 to 42+52.01		LT	161696		1.5								
42+55.88 to 42+58.19		LT	161701		1.5								

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DATE	DESCRIPTION	DATE	DESCRIPTION																						
05/17/17	JLC  MODIFIED QUANTITIES 337-7-83																								
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
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SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0523 1 3	PATTERNED PAVEMENT , VEHICULAR AREAS, GREEN BIKE LANE (CONT'D)	42+62.09 to 42+64.38		LT	161706	SY	1.5					
		42+68.31 to 42+70.56		LT	161711		1.5					
		42+74.53 to 42+76.75		LT	161716		1.5					
		42+80.75 to 42+82.94		LT	161721		1.5					
		42+86.97 to 42+89.13		LT	161726		1.5					
		42+93.19 to 42+95.32		LT	161731		1.5					
		42+99.41 to 43+01.51		LT	161736		1.5					
		43+05.63 to 43+07.71		LT	161591		1.5					
		43+11.83 to 43+13.93		LT	161586		1.5					
		43+18.02 to 43+20.15		LT	161581		1.5					
		43+21.62 to 43+73.53		LT	161569		32.5					
		448+33.16 to 448+83.16		RT	161835		29.6					
		448+87.32 to 448+89.80		RT	161861		1.4					
		448+93.30 to 448+95.78		RT	161856		1.4					
		448+99.29 to 449+01.77		RT	161846		1.4					
		449+05.27 to 449+07.75		RT	161851		1.4					
		449+11.25 to 449+13.73		RT	161866		1.4					
		449+17.24 to 449+19.72		RT	161871		1.4					
		449+23.22 to 449+25.70		RT	161876		1.4					
		449+29.20 to 449+31.68		RT	161881		1.4					
		449+35.19 to 449+37.67		RT	161886		1.4					
		449+41.17 to 449+43.65		RT	161891		1.4					
		449+47.15 to 449+49.63		RT	161896		1.4					
		449+53.14 to 449+55.62		RT	161901		1.4					
		449+59.12 to 449+61.60		RT	161906		1.4					
		449+65.10 to 449+67.58		RT	161911		1.4					
		449+71.09 to 449+73.57		RT	161916		1.4					
		449+77.07 to 449+79.55		RT	161921		1.4					
		449+83.05 to 449+85.53		RT	161926		1.4					
		449+89.04 to 449+91.52		RT	161931		1.4					
		449+95.02 to 449+97.50		RT	161936		1.4					
		450+01.00 to 450+03.48		RT	161941		1.4					
		450+06.99 to 450+09.47		RT	161946		1.4					
		450+12.97 to 450+15.45		RT	161951		1.4					
		450+18.95 to 450+21.43		RT	161956		1.4					
		450+24.94 to 450+27.42		RT	161961		1.4					
		450+30.92 to 450+33.40		RT	161966		1.4					
		450+36.90 to 450+39.38		RT	161971		1.4					
		450+43.39 to 450+93.39		RT	161978		29.6					

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DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
SR 46	LAKE	238275-2-52-01																							

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SUMMARY OF MISCELLANEOUS ASPHALT PAVEMENT

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	THICK (IN)	UNDER GUARDRAIL (TN)		DESIGN NOTES	CONSTRUCTION REMARKS
						P	F		
423+36.60 to 425+37.95	RT	88456			2	6.71			
423+90.68 to 425+80.00	LT	88692			2	6.31			
424+04.06 to 425+80.00	RT	88442			2	7.07			
424+57.04 to 425+80.00	LT	88465			2	4.10			
425+80.00 to 426+05.14	RT	88451			2	0.84			
425+80.00 to 426+17.04	LT	88685			2	1.24			
425+80.00 to 426+58.40	LT	88470			2	2.61			
SUB-TOTAL:						28.88			
TOTAL:						28.9			

SUMMARY OF WALLS

WALL NO.	PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			STA.	TO STA.			P	F	P	F		
1	0400 0 11	CONCRETE CLASS NS, GRAVITY WALL	64+50.00	TO 65+50.00	LT	CY	21.0		84			
2	0400 0 11	CONCRETE CLASS NS, GRAVITY WALL	427+00.00	TO 429+90.00	LT	CY	40.0					
2	0400 0 11	CONCRETE CLASS NS, GRAVITY WALL	428+60.00	TO 430+50.00	RT	CY	23.0					

VOID

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	<p align="center">STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>SR 46</td> <td>LAKE</td> <td>238275-2-52-01</td> </tr> </tbody> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 46	LAKE	238275-2-52-01	<p align="center">SUMMARY OF QUANTITIES</p>	SHEET NO. SQ-38
DATE	DESCRIPTION	DATE	DESCRIPTION																		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																			
SR 46	LAKE	238275-2-52-01																			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF MISCELLANEOUS ASPHALT PAVEMENT

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	THICK (IN)	UNDER GUARDRAIL (TN)		DESIGN NOTES	CONSTRUCTION REMARKS
						0339 P	1 F		
424+06.18 to 425+32.60	RT	88456			2	4.21	2		
423+90.86 to 426+40.74	LT	88692			2	8.32	2		
424+04.06 to 426+05.14	RT	88442			2	7.07	2		
424+56.30 to 425+83.09	LT	88465			2	4.22	2		
SUB-TOTAL:						23.82			
TOTAL:						23.8	2		

SUMMARY OF WALLS

WALL NO.	PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			STA. TO STA.				P	F	P	F		
1	0400 0 11	CONCRETE CLASS NS, GRAVITY WALL	64+50.00 TO 65+50.00		LT	CY	21.0		84			
2	0400 0 11	CONCRETE CLASS NS, GRAVITY WALL	427+00.00 TO 429+90.00		LT	CY	40.0					
2	0400 0 11	CONCRETE CLASS NS, GRAVITY WALL	428+60.00 TO 430+50.00		RT	CY	23.0					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SQ-38
05/26/17	JLC 2 MODIFIED QUANTITIES 339-1				SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF SIDE DRAIN & MITERED END SECTIONS

LOCATION	SIDE	30" MES-EA		DESIGN NOTES	CONSTRUCTION REMARKS
		0430-984-133			
STA. TO STA.		P	F		
412+56.80	RT	1			
413+85.70	RT	1			
SUB-TOTAL:		2			
TOTAL:		2			

VOID

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-39
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF SIDE DRAIN & MITERED END SECTIONS

LOCATION STA. TO STA.	SIDE	30" MES-EA 0430-984-133		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
412+56.80	RT	1			
413+85.70	RT	1			
SUB-TOTAL:		2			
TOTAL:		2			

△ SUMMARY OF MISCELLANEOUS DRAINAGE ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.			P	F	P	F		
		425-5			ADJUST MANHOLE	46+87	LT	EA		
		11+08.20	LT	EA	1				STRUCTURE 357/VERANDA WAY	
		11+94	LT	EA	1				STRUCTURE 358/VERANDA WAY	
		TOTAL			3					

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
05/26/17	JLC △ ADDED SUMMARY OF MISC. DRAINAGE ITEMS		

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SUMMARY OF QUANTITIES

SHEET
NO.
SQ-39

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
						GROSS LENGTH	DEDUCTIONS		NET LENGTH		P		
		TYPE					LENGTH	P	F				
0520 1 7	CONCRETE CURB & GUTTER, TYPE E	28+66.93 to 28+66.99	LT/RT		LF	17.0			17.0	25973			
		28+66.93 to 29+22.19	LT			55.3			55.3				
		28+66.99 to 31+44.00	RT			277.1			277.1				
		29+22.19 to 31+87.72	LT			265.5			265.5				
		31+44.00 to 31+87.72	RT			45.0			45.0				
		34+59.55 to 34+67.78	RT			9.6			9.6				
		34+67.78 to 34+79.11	RT			14.9			14.9				
		34+71.09 to 34+94.58	LT			37.5			37.5				
		34+85.84 to 34+99.70	RT			43.9			43.9				
		34+94.44 to 34+94.58	LT			5.2			5.2				
		36+00.19 to 36+00.40	LT			8.0			8.0				
		36+00.40 to 36+00.56	LT			5.8			5.8				
		36+00.56 to 36+24.05	LT			36.3			36.3				
		36+16.91 to 36+18.34	RT			13.2			13.2				
		36+18.34 to 36+20.92	RT			8.0			8.0				
		36+21.29 to 36+39.17	RT			27.7			27.7				
		36+24.05 to 37+64.17	LT			140.1			140.1				
		36+36.06 to 36+53.00	LT			16.9			16.9				
		36+36.06 to 36+53.00	LT			16.9			16.9				
		37+12.47 to 37+64.17	LT			52.6			52.6				
		38+41.50 to 38+60.00	RT			18.5			18.5				
		38+41.50 to 39+26.92	LT/RT			87.8			87.8				
		38+60.00 to 41+54.09	RT			295.9			295.9				
		39+26.92 to 39+30.25	LT			3.3			3.3				
		39+30.25 to 44+70.53	LT			536.7			536.7				
		41+54.09 to 44+27.56	RT			275.3			275.3				
		44+27.56 to 44+70.57	LT/RT			44.4			44.4				
		46+79.43 to 46+80.08	RT			4.0			4.0				
		46+79.43 to 46+97.73	LT/RT			21.8			21.8				
		46+80.08 to 46+99.78	RT			19.8			19.8				
		46+97.73 to 46+99.01	LT			1.4			1.4				
		46+99.01 to 47+32.86	LT			33.9			33.9				
		46+99.78 to 47+13.91	RT			14.1			14.1				
		47+12.37 to 47+13.67	RT			1.4			1.4				
		47+13.67 to 47+29.43	LT/RT			19.1			19.1				
		47+13.91 to 47+15.20	RT			1.4			1.4				
		47+15.20 to 47+33.50	LT/RT			21.8			21.8				
		47+28.49 to 47+29.43	LT			5.3			5.3				
		47+32.86 to 47+33.50	LT			4.1			4.1				
		49+48.52 to 49+92.27	LT/RT			45.0			45.0				
		49+48.52 to 52+24.82	RT			276.3			276.3				
		49+92.27 to 52+68.57	LT			276.3			276.3				
		52+24.82 to 52+68.57	LT/RT			45.0			45.0				
		54+85.67 to 54+86.37	RT			4.0			4.0				
		54+85.67 to 55+06.13	LT/RT			25.9			25.9				
		54+86.37 to 61+54.53	RT			668.2			668.2				
		55+06.13 to 55+07.23	LT			1.2			1.2				
		55+07.23 to 61+54.53	LT			647.3			647.3				
		61+54.53 to 72+18.90	RT			1060.8			1060.8				
		61+54.53 to 72+62.86	LT			1112.0			1112.0				

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-41
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	ROAD NO. SR 46	COUNTY LAKE		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
						GROSS LENGTH	DEDUCTIONS		NET LENGTH		P		
		TYPE					LENGTH	P	F				
0520 1 7	CONCRETE CURB & GUTTER, TYPE E (CONT'D)	72+18.90 to 72+62.84	LT/RT		LF	45.1			45.1				
		77+63.39 to 78+07.14	LT/RT			45.0			45.0				
		77+63.39 to 82+78.23	RT			514.8			514.8				
		78+06.97 to 82+99.08	LT			492.1			492.1				
		82+78.23 to 82+79.33	RT			1.2			1.2				
		82+79.33 to 82+99.78	LT/RT			25.9			25.9				
		82+99.08 to 82+99.78	LT			4.0			4.0				
		86+26.88 to 86+70.63	LT/RT			45.0			45.0				
		86+26.88 to 94+00.00	RT			773.1			773.1				
		86+70.63 to 94+00.00	LT			729.4			729.4				
		427+00.00 to 427+06.00	LT			6.1			6.1				
		427+06.00 to 442+49.34	LT			1543.3			1543.3				
		428+15.40 to 442+76.88	RT			1461.5			1461.5				
		432+25.66 to 432+64.95	LT			39.7			39.7				
		432+25.66 to 438+79.32	RT			653.7			653.7				
		432+64.95 to 439+18.60	LT			653.7			653.7				
		438+79.32 to 439+18.60	RT			39.7			39.7				
		444+27.69 to 445+54.95	RT			169.3			169.3				
		444+44.25 to 447+49.43	LT			305.2			305.2				
		444+52.25 to 445+54.95	RT			102.7			102.7				
		446+70.19 to 450+43.52	RT			373.6			373.6				
		447+49.43 to 447+99.43	LT			51.4			51.4				
		447+78.84 to 448+20.50	LT/RT			42.8			42.8				
		447+78.84 to 464+05.14	RT			1626.3			1626.3				
		447+99.43 to 451+95.71	LT			396.3			396.3				
		448+20.50 to 464+19.56	LT			1599.1			1599.1				
		449+39.60 to 453+09.41	LT			371.5			371.5				
		450+43.52 to 460+33.93	RT			990.4			990.4				
		451+95.71 to 455+57.73	LT			362.2			362.2				
		453+09.41 to 454+41.74	LT			132.7			132.7				
		453+09.41 to 455+57.96	LT			249.2			249.2				
		454+02.34 to 454+71.89	LT			70.0			70.0				
		454+71.89 to 461+71.89	LT			701.7			701.7				
		460+33.93 to 460+83.93	RT			51.4			51.4				
		460+83.93 to 463+27.94	RT			244.0			244.0				
		461+71.89 to 477+44.00	LT			1572.1			1572.1				
		464+05.14 to 464+07.57	RT			2.7			2.7				
		464+07.57 to 464+20.39	LT/RT			16.5			16.5				
		464+19.56 to 464+20.39	LT			3.8			3.8				
		464+61.00 to 477+44.00	RT			1283.0			1283.0				
		467+17.63 to 470+29.16	RT			311.5			311.5				
		467+61.82 to 470+73.37	LT			311.5			311.5				
		467+87.76 to 468+50.05	RT			62.3			62.3				
		473+70.58 to 473+71.41	RT			3.8			3.8				
		473+70.58 to 473+83.40	LT/RT			16.5			16.5				
		473+71.41 to 477+50.00	RT			378.6			378.6				
		473+83.40 to 473+85.82	LT			2.7			2.7				
		473+85.82 to 477+50.00	LT			364.2			364.2				
		476+99.98 to 477+44.00	RT			44.0			44.0				
		477+44.00 to 477+50.00	RT			6.1			6.1				

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-42
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	ROAD NO. SR 46	COUNTY LAKE		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
						GROSS LENGTH	DEDUCTIONS		NET LENGTH		P		
		TYPE					LENGTH	P	F				
0520 1 7	CONCRETE CURB & GUTTER, TYPE E (CONT'D)	477+44.00 to 477+50.00	RT		LF	6.1			6.1				
		477+44.00 to 477+50.00	LT			6.1			6.1				
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	25+20.71 to 25+20.71	LT		LF	24.0			24.0	15041			
		25+20.71 to 25+20.72	LT			0.6			0.6				
		25+20.72 to 25+33.97	LT			25.7			25.7				
		25+33.97 to 25+44.21	LT			10.6			10.6				
		25+44.21 to 26+40.11	LT			95.9			95.9				
		26+40.11 to 26+66.94	LT			26.8			26.8				
		26+66.94 to 26+72.11	LT			5.2			5.2				
		26+72.11 to 26+83.78	LT			11.7			11.7				
		26+83.78 to 27+15.78	LT			32.0			32.0				
		27+15.78 to 27+88.91	LT			73.2			73.2				
		27+23.99 to 27+38.40	RT			15.8			15.8				
		27+38.40 to 27+43.37	RT			7.9			7.9				
		27+43.37 to 27+46.51	RT			12.3			12.3				
		27+46.51 to 27+46.51	RT			5.2			5.2				
		27+75.15 to 27+83.00	RT			17.9			17.9				
		27+83.00 to 27+93.39	RT			11.8			11.8				
		27+88.91 to 27+95.32	LT			6.5			6.5				
		27+93.39 to 27+99.55	RT			6.2			6.2				
		27+95.32 to 28+11.28	LT			25.6			25.6				
		27+99.55 to 31+43.91	RT			344.7			344.7				
		28+11.28 to 28+11.63	LT			4.0			4.0				
		28+11.63 to 28+11.63	LT			73.2			73.2				
		28+38.65 to 28+38.65	LT			65.7			65.7				
		28+38.65 to 28+41.06	LT			11.8			11.8				
		28+41.06 to 28+58.86	LT			22.8			22.8				
		28+58.86 to 28+62.91	LT			4.1			4.1				
		28+62.91 to 29+62.88	LT			100.0			100.0				
		29+62.88 to 30+04.49	LT			41.6			41.6				
		30+04.49 to 32+81.88	LT			277.5			277.5				
		31+29.00 to 31+29.31	LT			80.2			80.2				
		31+29.00 to 31+78.83	LT			187.2			187.2				
		31+43.73 to 31+93.77	RT			51.7			51.7				
		31+60.88 to 31+78.83	LT			31.6			31.6				
		31+93.77 to 34+26.23	RT			232.5			232.5				
		32+81.88 to 33+46.21	LT			64.3			64.3				
		32+81.90 to 34+56.14	LT			174.2			174.2				
		34+26.23 to 34+59.55	RT			34.6			34.6				
		34+56.14 to 34+71.09	LT			14.9			14.9				
		36+38.91 to 36+65.40	RT			28.0			28.0				
		36+65.40 to 38+60.00	RT			194.6			194.6				
		37+13.01 to 37+64.17	LT			52.3			52.3				
		37+64.17 to 40+48.32	LT			278.7			278.7				
		38+60.00 to 41+54.09	RT			300.9			300.9				
		40+48.32 to 43+59.53	LT			299.2			299.2				
		41+54.09 to 46+52.40	RT			512.7			512.7				
		43+59.53 to 46+15.14	LT			246.2			246.2				
		46+15.14 to 46+51.98	LT			46.6			46.6				
		46+22.91 to 46+28.01	RT			9.2			9.2				

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p align="center">MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877</p>			<p align="center">STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>SR 46</td> <td>LAKE</td> <td>238275-2-52-01</td> </tr> </tbody> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 46	LAKE	238275-2-52-01	<p align="center">SUMMARY OF QUANTITIES</p>		<p align="center">SHEET NO. SQ-43</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																							
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																								
SR 46	LAKE	238275-2-52-01																								

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
						GROSS LENGTH	DEDUCTIONS		NET LENGTH		P		
		TYPE					LENGTH	P	F				
0520 1 10	CONCRETE CURB & GUTTER, TYPE F (CONT'D)	46+28.01 to 46+38.92	RT		LF	27.2			27.2				
		46+38.92 to 46+52.17	RT			32.0			32.0				
		46+47.50 to 46+49.51	RT			9.2			9.2				
		46+49.51 to 46+60.66	RT			27.2			27.2				
		46+52.17 to 46+72.26	RT			46.4			46.4				
		46+52.40 to 46+72.26	RT			48.0			48.0				
		46+60.14 to 47+06.76	LT			92.9			92.9				
		46+60.66 to 46+74.20	RT			32.0			32.0				
		46+74.20 to 47+10.29	RT			79.1			79.1				
		47+06.71 to 47+06.76	LT			5.0			5.0				
		47+10.29 to 47+14.46	RT			8.6			8.6				
		47+14.46 to 47+28.58	RT			18.5			18.5				
		47+27.60 to 47+60.91	LT			42.5			42.5				
		47+28.58 to 47+35.00	RT			6.5			6.5				
		47+35.00 to 55+82.73	RT			847.7			847.7				
		47+60.91 to 50+13.11	LT			252.2			252.2				
		50+13.11 to 50+63.30	LT			51.8			51.8				
		50+63.30 to 61+54.53	LT			1091.2			1091.2				
		53+46.32 to 55+82.73	RT			236.9			236.9				
		54+88.20 to 55+49.43	RT			61.7			61.7				
		55+82.61 to 55+82.73	RT			4.6			4.6				
		61+05.37 to 61+54.55	RT			49.9			49.9				
		61+54.53 to 74+53.39	LT			1322.7			1322.7				
		61+54.55 to 67+73.69	RT			607.8			607.8				
		67+73.69 to 68+18.51	RT			44.0			44.0				
		68+18.51 to 69+02.52	RT			82.5			82.5				
		69+02.52 to 70+29.25	RT			124.4			124.4				
		70+29.25 to 70+65.93	RT			36.0			36.0				
		70+65.93 to 71+30.04	RT			62.9			62.9				
		71+30.04 to 71+70.78	RT			40.0			40.0				
		71+70.78 to 73+59.97	RT			185.7			185.7				
		73+59.97 to 74+00.71	RT			40.0			40.0				
		74+00.71 to 76+42.58	RT			237.4			237.4				
		74+53.39 to 74+74.82	LT			22.7			22.7				
		74+74.82 to 74+88.27	LT			17.5			17.5				
		74+88.27 to 75+00.24	LT			34.7			34.7				
		75+00.03 to 75+00.92	LT			25.6			25.6				
		75+00.24 to 75+00.63	LT			6.0			6.0				
		75+00.63 to 75+00.92	LT			26.7			26.7				
		75+24.83 to 75+25.49	LT			7.4			7.4				
		75+25.49 to 75+26.08	LT			22.0			22.0				
		75+26.02 to 75+26.41	LT			6.0			6.0				
		75+26.41 to 75+38.81	LT			33.1			33.1				
		75+38.81 to 75+52.43	LT			17.5			17.5				
		75+52.43 to 75+73.18	LT			21.9			21.9				
		75+73.18 to 77+14.17	LT			143.6			143.6				
		76+42.58 to 76+83.33	RT			40.0			40.0				
		76+83.33 to 77+14.17	RT			30.3			30.3				
		77+14.17 to 77+87.22	RT			73.0			73.0				
		77+14.17 to 79+99.31	LT			285.1			285.1				

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-44
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	ROAD NO. SR 46	COUNTY LAKE		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS			
						GROSS LENGTH	DEDUCTIONS		NET LENGTH		P			F		
		TYPE					LENGTH	P	F							
0520 1 10	CONCRETE CURB & GUTTER, TYPE F (CONT'D)	77+87.22 to 78+29.22	RT		LF	42.0			42.0							
		78+29.22 to 79+14.47	RT			85.2			85.2							
		79+14.47 to 79+48.51	RT				34.0			34.0						
		79+48.51 to 82+20.25	RT				271.7			271.7						
		79+99.31 to 80+43.31	LT				44.0			44.0						
		80+43.31 to 92+17.00	LT				1173.7			1173.7						
		82+20.25 to 82+31.86	RT				12.1			12.1						
		83+28.66 to 83+40.27	RT				12.1			12.1						
		83+40.27 to 92+09.67	RT				869.4			869.4						
		92+09.67 to 92+26.54	RT				17.2			17.2						
		92+17.00 to 92+49.00	LT				32.0			32.0						
		92+26.54 to 92+36.86	RT				11.6			11.6						
		92+36.84 to 92+44.21	RT				9.6			9.6						
		92+36.84 to 92+58.17	RT				47.3			47.3						
		92+49.00 to 94+00.00	LT				151.0			151.0						
		92+50.65 to 92+58.17	RT				27.4			27.4						
		92+85.17 to 93+06.47	RT				47.3			47.3						
		93+06.47 to 93+16.79	RT				11.6			11.6						
		93+16.79 to 93+33.67	RT				17.2			17.2						
		93+33.67 to 94+00.00	RT				66.3			66.3						
		444+50.10 to 445+80.60	RT				166.1			166.1						
		448+45.64 to 448+85.31	LT				40.0			40.0						
		449+34.93 to 453+12.41	LT				379.2			379.2						
		453+12.41 to 454+02.30	LT				90.1			90.1						
463+28.11 to 463+76.58	RT				77.8			77.8								
463+70.69 to 463+76.58	RT				173.1			173.1								
464+05.93 to 464+10.62	RT				134.4			134.4								
464+10.62 to 464+11.67	RT				30.0			30.0								
464+11.67 to 464+12.55	RT				25.3			25.3								
464+12.55 to 464+17.38	RT				20.2			20.2								
464+17.38 to 464+61.02	RT				54.3			54.3								
0520 2 4	CONCRETE CURB, TYPE D	46+31.02 to 46+57.99	LT		LF	77.6			77.6	289						
		46+38.83 to 46+98.31	LT			66.2			66.2							
		46+68.39 to 47+06.54	LT			77.5			77.5							
0520 5 11	TRAFFIC SEPARATOR CONCRETE - TYPE I, 4' WIDE	47+23.64 to 47+59.69	LT		LF	67.9			67.9	801						
		35+55.49 to 35+59.49	LT			3.1			3.1							
		36+56.58 to 36+56.58	RT			3.1			3.1							
		36+56.58 to 38+41.50	RT			92.5			92.5							
		36+56.58 to 38+41.50	RT			92.5			92.5							
		37+64.17 to 37+64.17	LT			2.0			2.0							
		37+64.17 to 39+30.25	LT			83.0			83.0							
		37+64.17 to 39+30.25	LT			83.0			83.0							
		39+30.25 to 39+51.64	LT			10.4			10.4							
		39+30.25 to 39+51.64	LT			10.4			10.4							
		39+51.64 to 39+51.64	LT			3.1			3.1							
		444+78.82 to 447+78.84	RT			150.0			150.0							
		444+78.82 to 447+78.84	RT			150.0			150.0							
		445+54.95 to 445+54.95	RT			2.0			2.0							
445+54.95 to 446+67.86	RT			56.5			56.5									
445+54.95 to 446+67.86	RT			56.5			56.5									

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-45
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
						GROSS LENGTH	DEDUCTIONS		NET LENGTH		P		
		TYPE					LENGTH	P	F				
0520 5 11	TRAFFIC SEPARATOR CONCRETE - TYPE I, 4' WIDE (CONT'D)	446+67.86 to 446+67.86	RT		LF	3.1			3.1				
0520 5 16	TRAFFIC SEPARATOR CONCRETE - TYPE I, 8.5' WIDE	31+87.72 to 34+52.14	RT		LF	132.2			132.2	2875			
		31+87.72 to 34+52.14	LT			132.2			132.2				
		44+70.53 to 46+71.00	LT			99.6			99.6				
		44+70.57 to 46+44.46	LT			86.9			86.9				
		46+39.02 to 46+60.57	LT			11.1			11.1				
		46+44.46 to 46+71.60	LT			13.9			13.9				
		46+59.73 to 46+60.57	LT			2.7			2.7				
		47+41.38 to 47+68.86	RT			14.1			14.1				
		47+41.97 to 49+48.52	RT			103.3			103.3				
		47+68.86 to 47+68.86	RT			6.6			6.6				
		47+68.86 to 49+48.52	RT			89.8			89.8				
		52+68.57 to 54+50.00	LT			90.7			90.7				
		52+68.57 to 54+50.00	LT			90.7			90.7				
		54+50.00 to 54+50.00	LT			6.7			6.7				
		72+62.84 to 74+54.25	LT			95.7			95.7				
		72+62.86 to 74+54.25	LT			96.0			96.0				
		74+54.25 to 74+54.25	LT			6.7			6.7				
		75+71.92 to 75+71.92	RT			6.7			6.7				
		75+71.92 to 77+14.17	RT			71.1			71.1				
		75+71.92 to 77+14.17	RT			70.9			70.9				
		77+14.17 to 77+63.39	RT			24.6			24.6				
		77+14.17 to 77+63.39	RT			24.6			24.6				
		83+24.90 to 83+25.75	RT			2.7			2.7				
		83+24.90 to 83+46.04	RT			10.9			10.9				
		83+25.75 to 86+26.88	RT			150.6			150.6				
		83+46.04 to 86+26.88	RT			140.4			140.4				
		428+24.11 to 428+24.11	LT/RT			6.7			6.7				
		428+24.11 to 432+25.66	RT			200.8			200.8				
		428+24.11 to 432+25.66	LT			200.8			200.8				
		439+18.60 to 442+60.98	LT			171.2			171.2				
		439+18.60 to 442+60.98	RT			171.2			171.2				
		442+60.98 to 442+60.98	LT/RT			6.7			6.7				
		464+45.50 to 464+46.35	RT			2.7			2.7				
		464+45.50 to 464+66.64	LT/RT			10.9			10.9				
		464+46.35 to 467+17.63	RT			135.6			135.6				
		464+66.64 to 467+17.63	LT			125.5			125.5				
		467+17.63 to 467+17.63	LT/RT			4.3			4.3				
		470+73.37 to 470+73.37	LT/RT			4.3			4.3				
		470+73.37 to 473+20.00	LT			123.3			123.3				
		470+73.37 to 473+20.00	RT			123.3			123.3				
		473+20.00 to 473+20.00	LT/RT			6.7			6.7				

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-46

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
			0522 1		0522 2		0527 2			
			SY		SY		SF			
P	F	P	F	P	F					
24+70.00 to 24+94.33	LT	16771	14.4							
25+21.22 to 25+34.19	LT	16796	10.6							
25+34.19 to 26+50.11	LT	16784	64.6							
26+62.11 to 26+93.78	LT	16799	17.6							
27+05.78 to 27+40.00	LT	16808	19.0							
27+31.86 to 27+42.94	RT	16830	4.8							
27+40.00 to 27+95.17	LT	16819	30.6							
27+83.33 to 27+99.52	RT	16879	7.1							
27+95.17 to 28+10.79	LT	16834	13.0							
27+99.27 to 32+80.00	RT	16855	321.7							
28+41.62 to 28+58.86	LT	16837	10.3							
28+58.86 to 29+72.88	LT	16842	76.0							
29+94.49 to 32+80.00	LT	16932	192.3							
31+21.50 to 32+19.34	LT	16883	165.8							
31+21.75 to 31+26.77	LT	16931	8.2							
31+63.72 to 31+68.79	LT	16928	8.4							
32+80.00 to 34+57.64	LT	89865	114.5							
32+80.00 to 34+92.03	RT	17075	181.7							
34+54.14 to 34+94.44	LT	104141	40.4							
34+59.32 to 34+67.49	RT	17116	4.9							
34+74.11 to 34+85.43	RT	17121	5.2							
36+00.19 to 37+12.00	LT	90117	84.0							
36+18.89 to 38+20.00	RT	90059	173.4							
36+96.40 to 38+19.99	LT	90025	114.9							
38+19.99 to 43+60.00	LT	141940	291.0							
38+20.00 to 43+60.00	RT	90084	308.1							
43+60.00 to 46+38.26	LT	141956	147.9							
43+60.00 to 46+57.54	RT	90088	170.8							
46+57.52 to 46+69.61	RT	17356	5.2							
46+61.17 to 47+05.86	LT	141977	26.8							
47+10.73 to 47+23.65	RT	20931	36.3							
47+40.84 to 49+00.00	LT	141992	85.8							
49+00.00 to 54+40.00	LT	17376	300.4							
54+40.00 to 59+80.00	LT	17385	300.0							
59+80.00 to 65+20.00	LT	17393	304.1							
60+26.27 to 60+98.58	RT	133549	65.1							
60+28.42 to 65+20.00	RT	133558	308.7							
65+20.00 to 68+67.67	RT	17416	192.9							
65+20.00 to 70+60.00	LT	17432	306.1							
68+92.33 to 70+39.43	RT	17437	79.7							
70+60.00 to 71+40.21	RT	17479	43.5							
70+60.00 to 74+94.81	LT	17446	264.0							
71+60.61 to 73+70.14	RT	17493	113.6							
73+90.54 to 76+00.00	RT	17529	113.8							
74+74.59 to 74+87.90	LT	17500	8.4							
75+36.16 to 76+00.00	LT	17503	37.1							
75+39.17 to 75+52.65	LT	17526	8.4							
SUB-TOTAL:			5201.1							
TOTAL:			12303		191		396			

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-47

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
			0522 1		0522 2		0527 2			
			SY		SY		SF			
P	F	P	F	P	F					
76+00.00 to 76+52.75	RT	17536	28.5							
76+00.00 to 80+09.31	LT	17542	228.5							
76+73.16 to 77+97.22	RT	17555	68.1							
78+19.22 to 79+24.47	RT	17564	58.1							
79+38.51 to 81+40.00	RT	17571	111.8							
80+33.31 to 81+40.00	LT	17584	59.1							
81+40.00 to 82+25.61	RT	17585	47.6							
81+40.00 to 86+80.00	LT	17595	300.0							
82+25.61 to 82+38.27	RT	17591	5.2							
83+22.26 to 83+34.91	RT	17606	5.2							
83+34.91 to 86+80.00	RT	17610	191.7							
86+80.00 to 92+20.00	LT	17621	300.0							
86+80.00 to 92+20.00	RT	17616	300.0							
92+20.00 to 94+00.00	LT	17630	100.0							
92+20.37 to 92+36.56	RT	17637	6.3							
93+06.75 to 93+22.96	RT	17642	6.3							
93+22.96 to 94+00.00	RT	17647	42.8							
427+00.00 to 431+20.00	LT	17653	232.6							
427+98.61 to 431+20.00	RT	90071	178.5							
431+20.00 to 436+60.00	LT	17691	300.0							
431+20.00 to 436+60.00	RT	17674	300.0							
436+60.00 to 442+00.00	RT	90064	300.0							
436+60.00 to 442+00.00	LT	17715	300.0							
445+40.00 to 450+80.00	RT	90024	303.3							
448+65.47 to 449+06.51	LT	104142	46.7							
449+05.76 to 450+84.51	LT	89918	103.0							
450+80.00 to 456+20.00	RT	90004	300.0							
450+84.01 to 456+20.00	LT	17823	299.0							
456+20.00 to 461+60.00	RT	89999	300.8							
456+20.00 to 461+60.00	LT	89922	300.7							
461+60.00 to 463+76.08	RT	89990	180.6							
461+60.00 to 467+00.00	LT	89930	300.0							
463+63.17 to 463+74.35	RT	17901	94.6							
464+08.26 to 464+17.74	RT	17928	68.6							
464+12.74 to 464+18.46	RT	17940	11.3							
464+12.89 to 464+25.44	RT	89975	36.4							
464+21.17 to 467+00.00	RT	89965	157.5							
467+00.00 to 468+09.84	RT	89958	59.4							
467+00.00 to 472+40.00	LT	89936	300.0							
468+47.10 to 469+60.49	RT	89951	61.4							
469+84.49 to 472+40.00	RT	89946	141.9							
472+40.00 to 477+50.00	LT	18041	283.3							
472+40.00 to 477+50.00	RT	89941	283.3							
467+87.76 to 468+83.44	RT	90139			191.2					
46+29.95 to 46+37.62	LT	148661					13.3			
46+60.75 to 46+66.46	LT	148668					12.3			
47+01.51 to 47+06.34	LT	148680					11.5			
47+41.94 to 47+51.08	LT	148688					16.2			
SUB-TOTAL:			7102.1		191.2		53.3			

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-48

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS	
			0522 1		0522 2		0527 2				
			SY		SY		SF				
P	F	P	F	P	F						
24+90.08 to 24+94.33	LT	15011					10.8				
25+21.57 to 25+27.70	LT	15016					11.8				
25+28.69 to 25+30.69	LT	15029					8.0				
27+37.96 to 27+42.22	RT	15036					8.9				
27+84.38 to 27+93.50	RT	15042					16.5				
27+99.17 to 28+01.17	LT	15063					8.0				
28+01.67 to 28+09.71	LT	15048					15.3				
28+44.21 to 28+51.69	LT	15068					10.8				
28+52.86 to 28+54.86	LT	15073					9.1				
37+06.21 to 37+10.56	LT	90287					7.4				
37+15.08 to 37+19.54	LT	90292					8.0				
46+63.34 to 46+68.76	RT	90325					10.8				
47+10.73 to 47+23.64	RT	15214					39.0				
74+78.95 to 74+83.25	LT	15223					8.0				
75+43.90 to 75+48.21	LT	15233					8.0				
82+31.61 to 82+37.26	RT	15244					10.8				
83+23.26 to 83+28.91	RT	15250					10.8				
92+26.37 to 92+35.43	RT	15256					15.8				
93+07.90 to 93+16.96	RT	15261					15.8				
442+91.29 to 442+97.05	RT	90299					9.9				
442+91.53 to 442+97.61	LT	15144					12.7				
443+07.92 to 443+12.84	LT	15138					11.1				
443+17.05 to 443+21.37	RT	90306					10.7				
444+15.10 to 444+17.21	RT	90280					8.0				
444+16.16 to 444+18.42	LT	90268					18.6				
444+45.62 to 444+50.73	LT	90275					8.5				
444+45.81 to 444+50.69	RT	90267					8.3				
463+64.09 to 463+69.00	RT	90319					11.4				
464+14.75 to 464+18.25	RT	90318					10.2				
SUB-TOTAL:									343.0		

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-49

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PERMANENT DRIVEWAYS

LOCATION STA. @ C OF DRIVEWAY	SIDE	AREA ID	MATERIAL		DESIGN NOTES	CONSTRUCTION REMARKS
			CONCRETE (SY)			
			P	F		
11+81.97	RT	130591	24.3		STANLEY BELL	
26+56.12	LT	14603	36.1			
26+99.75	LT	14612	35.1			
29+83.69	LT	14619	31.6			
46+35.43	RT	14627	25.4		POND RD	
46+77.20	RT	14628	25.4		POND RD	
58+09.84	RT	14629	26.6			
70+47.59	RT	14631	48.9			
71+50.41	RT	14634	61.6			
73+80.34	RT	14637	65.1			
76+62.95	RT	14640	68.8			
78+08.22	RT	14644	75.7			
79+31.49	RT	14645	50.6			
80+21.31	LT	14646	88.2			
456+68.01	RT	133661	29.1			
464+18.64	RT	14602	12.2		NATOMA	
468+18.90	RT	90139	191.2			
469+72.49	RT	14592	146.6			
3+14.82	RT	133845	9.6		SABASTIAN	
3+43.02	RT	133838	8.4		SABASTIAN	
SUB-TOTAL:			1060.5			
TOTAL:			1061			

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REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-50
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	ROAD NO. SR 46	COUNTY LAKE		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PERMANENT DRIVEWAYS

LOCATION STA. @ C OF DRIVEWAY	SIDE	AREA ID	MATERIAL		DESIGN NOTES	CONSTRUCTION REMARKS
			CONCRETE (SY)			
			P	F		
11+81.97	RT	130591	24.3		STANLEY BELL	
26+56.12	LT	14603	36.1			
26+99.75	LT	14612	35.1			
29+83.69	LT	14619	31.6			
46+35.43	RT	14627	25.4		POND RD	
46+77.20	RT	14628	25.4		POND RD	
58+09.84	RT	14629	26.6			
3 68+00.00	RT	196746	94.6		ADDED 36' DRIVE	
70+47.59	RT	14631	48.9			
71+50.41	RT	14634	61.6			
73+80.34	RT	14637	65.1			
76+62.95	RT	14640	68.8			
78+08.22	RT	14644	75.7			
79+31.49	RT	14645	50.6			
80+21.31	LT	14646	88.2			
3 456+68.01	RT	133661	46.7		REVISED TO 24' WIDE	
464+18.64	RT	14602	12.2		NATOMA	
468+18.90	RT	90139	191.2			
469+72.49	RT	14592	146.6			
3+14.82	RT	133845	9.6		SABASTIAN	
3+43.02	RT	133838	8.4		SABASTIAN	
SUB-TOTAL:			1172.7			
TOTAL:			1173	3		

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-50
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
8/11/17	fwa 3 MODIFIED QUANTITIES 522-2				SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF DITCH PAVEMENT					
LOCATION	SIDE	DITCH PAVEMENT		DESIGN NOTES	CONSTRUCTION REMARKS
		0524	1 1		
STA. TO STA.		SY			
		P	F		
470+05.00 to 473+50.00	LT	306.7		SR 500	
92+25.00 to 92+49.00	RT	9.2		SR 46	
93+50.00 to 94+00.00	RT	59.2		SR 46	
SUB-TOTAL :		375.1			
TOTAL :		375			

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<i>SUMMARY OF QUANTITIES</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	SQ-51	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF GUARDRAIL

LOCATION STA. TO STA.	SIDE	GUARDRAIL ROADWAY		GUARDRAIL SHOP - BENT PANELS		SPECIAL GUARDRAIL POST		GUARDRAIL REMOVAL		END ANCHORAGE ASSEMBLY FLARED		END ANCHORAGE ASSEMBLY TYPE II		END ANCHORAGE ASSEMBLY TYPE CRT		DESIGN NOTES	CONSTRUCTION REMARKS
		0536 1 1		0536 2		0536 7		0536 73		0536 85 22		0536 85 25		0536 85 26			
		LF		LF		EA		LF		EA		EA		EA			
P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
423+46.70	RT									1							
423+46.70 TO 425+27.95	RT	181.3															
424+82.98 TO 425+12.95	RT					5.0											
425+27.95	RT											1					
424+00.68	LT											1					
424+00.68 TO 424+28.81	LT	28.1															
424+28.81 TO 425+41.31	LT	112.5															
424+69.98 TO 425+00.25	LT					5.0											
425+41.31 TO 426+06.93	LT	65.6															
426+06.93	LT									1							
424+67.04	LT											1					
424+67.04 TO 426+48.29	LT	181.3															
424+82.92 TO 425+12.99	LT					5.0											
426+48.29	LT																
424+04.82	RT															1	
424+04.82 TO 424+05.24	RT	15.9															
424+05.24 TO 424+29.51	RT			37.5													
424+29.51 TO 424+54.52	RT	25.0															
424+54.52 TO 425+67.02	RT	112.5															
424+95.71 TO 425+25.79	RT					5.0											
425+67.02 TO 425+95.14	RT	28.1															
425+95.14	RT											1					
423+46.79 TO 425+52.89	RT							206.1									
424+03.49 TO 425+42.90	RT							157.7									
424+42.55 TO 426+58.17	LT							215.6									
424+53.10 TO 426+56.03	LT																
SUB-TOTAL:		750		38		2		782		3		4		1			
TOTAL:		750		38		2		782		3		4		1			

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SUMMARY OF FENCING

PAY ITEM NO.	DESCRIPTION	LOCATION		SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				P	F	P	F		
		P	F								
0550 10220	FENCING, TYPE B, 5.1-6.0', STANDARD	220+43.55 TO 225+10.71		RT	LF	1117.5		1118		POND WB441-1-4	
0550 60235	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 20.1-24' OPENING	225+10.71		RT	EA	1.0		1		POND WB441-1-4	

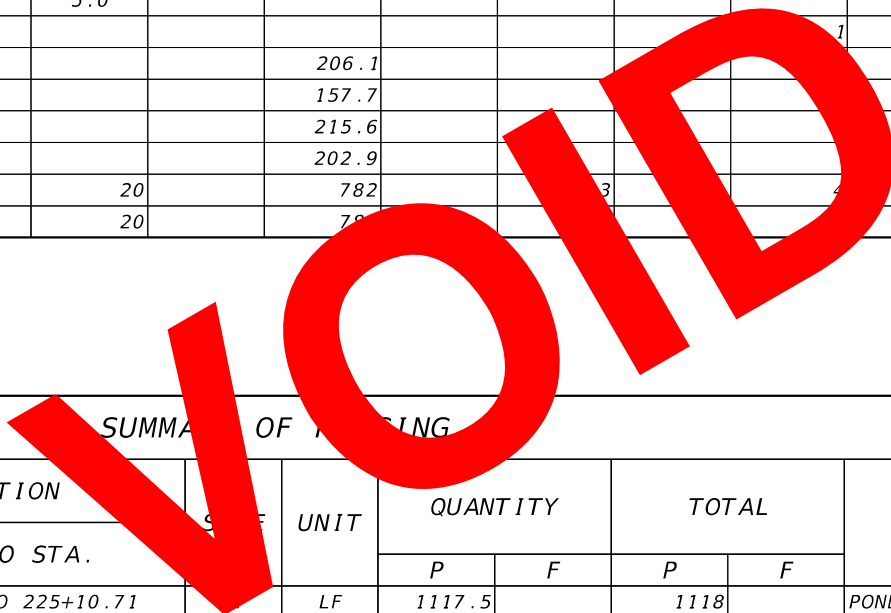
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. SQ-52
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 46	LAKE	238275-2-52-01	

SUMMARY OF QUANTITIES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF GUARDRAIL

LOCATION	SIDE	GUARDRAIL ROADWAY		GUARDRAIL SHOP-BENT PANELS		SPECIAL GUARDRAIL POST		GUARDRAIL REMOVAL		END ANCHORAGE ASSEMBLY FLARED		END ANCHORAGE ASSEMBLY TYPE II		END ANCHORAGE ASSEMBLY TYPE CRT		DESIGN NOTES	CONSTRUCTION REMARKS
		0536	1 1	0536	2	0536	7	0536	73	0536	85 22	0536	85 25	0536	85 26		
STA. TO STA.		LF		LF		EA		LF		EA		EA		EA			
		P	F	P	F	P	F	P	F	P	F	P	F	P	F		
423+46.70	RT									1							
424+22.60 TO 425+22.60	RT	100.0	△/2														
424+82.98 TO 425+12.95	RT					5.0											
425+22.60	RT											1					
424+00.68	LT											1					
424+00.68 TO 426+23.75	LT	223.1	△/2														
424+69.98 TO 425+00.25	LT					5.0											
426+23.75	LT									1							
424+66.30	LT											1					
424+66.30 TO 425+66.30	LT	100.0	△/2														
424+82.92 TO 425+12.99	LT					5.0											
425+66.30	LT									1							
424+05.40	RT													1			
424+05.40 TO 424+05.40	RT	18.3	△/2														
424+05.40 TO 424+27.16	RT			37.5													
424+27.16 TO 425+95.14	RT	168.0	△/2														
424+95.71 TO 425+25.79	RT					5.0											
425+95.14	RT											1					
423+46.79 TO 425+52.89	RT							206.1									
424+03.49 TO 425+42.90	RT							157.7									
424+42.55 TO 426+58.17	LT							215.6									
424+53.10 TO 426+56.03	LT							202.9									
		SUB-TOTAL:		609	△/2	38		20		782		3		4		1	
		TOTAL:		△/2 609		38		20		782					1		



SUMMARY OF FENCING

PAY ITEM NO.	DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.			P	F	P	F		
0550 10220	FENCING, TYPE B, 5.1-6.0', STANDARD	220+43.55 TO 225+10.71		LF	1117.5		1118		POND WB441-1-4	
0550 60235	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 20.1-24' OPENING	225+10.71	RT	EA	1.0		1		POND WB441-1-4	

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. SUMMARY OF QUANTITIES
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
05/26/17	JLC △/2 MODIFIED QUANTITIES 536-1-1			SR 46	LAKE	238275-2-52-01	SQ-52	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF GUARDRAIL

LOCATION STA. TO STA.	SIDE	GUARDRAIL ROADWAY		GUARDRAIL SHOP-BENT PANELS		SPECIAL GUARDRAIL POST		GUARDRAIL REMOVAL		END ANCHORAGE ASSEMBLY FLARED		END ANCHORAGE ASSEMBLY TYPE II		END ANCHORAGE ASSEMBLY TYPE CRT		DESIGN NOTES	CONSTRUCTION REMARKS
		0536 1 1		0536 2		0536 7		0536 73		0536 85 22		0536 85 25		0536 85 26			
		LF		LF		EA		LF		EA		EA		EA			
P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
423+46.70	RT									1							
424+22.60 TO 425+22.60	RT	100.0	△2														
424+82.98 TO 425+12.95	RT					5.0											
425+22.60	RT											1					
424+00.68	LT											1					
424+00.68 TO 426+23.75	LT	223.1	△2														
424+69.98 TO 425+00.25	LT					5.0											
426+23.75	LT									1							
424+66.30	LT											1					
424+66.30 TO 425+66.30	LT	100.0	△2														
424+82.92 TO 425+12.99	LT					5.0											
425+66.30	LT									1							
424+05.40	RT															1	
424+05.40 TO 424+05.40	RT	18.3	△2														
424+05.40 TO 424+27.16	RT			37.5													
424+27.16 TO 425+95.14	RT	168.0	△2														
424+95.71 TO 425+25.79	RT					5.0											
425+95.14	RT											1					
423+46.79 TO 425+52.89	RT							206.1	200.0								
424+03.49 TO 425+42.90	RT							157.7	162.5								
424+42.55 TO 426+58.17	LT							215.6	212.5								
424+53.10 TO 426+56.03	LT							202.9	200.0								
34+40.00 TO 36+73.00	LT&RT							457.5	△3 451.5								
40+40.00 TO 42+46.00	RT							254.4	250.0								
42+60.00 TO 46+48.00	RT							411.2	401.0								
47+33.00 TO 54+86.00	RT							754.1	751.5								
41+07.00 TO 46+72.00	LT							576.5	576.5								
50+72.00 TO 54+74.00	LT							402.4	400.0								
SUB-TOTAL:		△2 609	△2	38		20		△3 3638	3605.5	3		4		1			
TOTAL:		△2 609	△2	38		20		△3 3638	3606	3		4		1			

SUMMARY OF FENCING

PAY ITEM NO.	DESCRIPTION	LOCATION		SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				P	F	P	F		
		P	F								
0550 10220	FENCING, TYPE B, 5.1-6.0', STANDARD	220+43.55 TO 225+10.71		RT	LF	1117.5		1118		POND WB441-1-4	
0550 60235	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 20.1-24' OPENING	225+10.71		RT	EA	1.0		1		POND WB441-1-4	

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. SQ-52
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
05/26/17	JLC △2 MODIFIED QUANTITIES 536-1-1				SR 46	LAKE	238275-2-52-01	
8/11/17	fwa △3 MODIFIED QUANTITIES 536-73							

SUMMARY OF QUANTITIES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
			0570	1 1	0570	1 2	0162	1 11		
			SY		SY		SY			
P	F	P	F	P	F					
405+90.98 to 406+80.60	RT	116646					29.8			
407+17.44 to 409+60.00	RT	116635					80.3			
407+17.44 to 409+60.00	RT	86163					80.3			
409+60.00 to 410+11.89	RT	116629					16.7			
409+60.00 to 410+11.89	RT	86157					16.7			
417+59.73 to 420+40.00	LT	116653					89.9			
420+40.00 to 421+45.55	LT	86150					35.4			
420+40.00 to 421+45.55	LT	116622					35.4			
24+71.98 to 24+89.32	RT	119225	12.9							
24+73.27 to 24+81.94	LT	119037	1.9							
24+85.46 to 24+92.90	LT	119043	34.4							
25+05.32 to 26+13.82	RT	119230	77.8							
25+19.39 to 25+24.49	LT	119052	8.3							
25+28.20 to 25+44.66	LT	119057	4.7							
26+29.83 to 27+40.00	RT	119240	75.7							
27+40.00 to 27+42.01	RT	119253	1.8							
27+79.63 to 32+64.53	RT	119258	381.9							
27+96.96 to 27+99.17	LT	119063	0.3							
28+51.70 to 29+67.49	LT	119067	50.1							
31+09.65 to 32+80.00	LT	120573	581.8							
31+14.89 to 31+17.80	LT	119077	3.1							
31+19.24 to 31+21.89	LT	119096	0.7							
31+25.42 to 31+36.38	LT	119086	34.7							
31+57.52 to 31+64.78	LT	119101	22.2							
31+72.74 to 31+76.62	LT	119082	1.0							
31+74.57 to 31+92.59	LT	120560	2.9							
32+80.00 to 34+49.36	LT	120564	595.5							
33+01.55 to 33+49.58	LT	119013	155.6							
33+23.41 to 34+39.03	RT	118878	689.8							
33+64.74 to 33+74.52	LT	119482	7.1							
34+48.75 to 34+93.48	LT	120860	265.4							
36+34.21 to 38+14.02	RT	120865	417.9							
36+45.36 to 38+20.00	RT	120877	899.4							
37+04.16 to 38+19.99	LT	149308	335.5							
37+32.72 to 37+87.97	RT	118907	727.2							
37+34.30 to 38+16.76	RT	130897	60.2							
37+38.98 to 42+29.23	RT	130795	3929.6							
38+13.15 to 41+97.01	RT	130846	566.1							
38+17.81 to 38+60.78	RT	130893	16.8							
38+19.45 to 43+60.00	RT	120593	3201.9							
38+19.99 to 43+60.00	LT	149300	1683.5							
38+60.78 to 40+96.62	RT	130838	329.9							
39+26.62 to 41+65.61	RT	118938	3661.6							
41+88.46 to 42+10.24	RT	130878	39.1							
41+89.24 to 42+05.68	RT	130889	20.1							
41+97.80 to 42+30.32	RT	130862	101.5							
42+08.41 to 42+31.44	RT	130872	67.8							
SUB-TOTAL:			19067.7				384.5			
TOTAL:			110392		128392		384			

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-53

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
			0570	1 1	0570	1 2	0162	1 11		
			SY		SY		SY			
P	F	P	F	P	F					
42+30.54 to 43+60.00	RT	119276	207.3							
43+14.05 to 43+35.00	RT	119284	46.3							
43+14.05 to 44+67.08	RT	119289	149.6							
43+60.00 to 46+52.52	RT	119343	375.8							
43+83.94 to 45+08.65	RT	119024	424.7							
44+62.90 to 46+30.71	RT	119374	891.9							
44+84.69 to 45+38.26	RT	119029	116.8							
45+04.97 to 45+04.97	LT	142382	1617.4							
45+67.38 to 46+40.97	RT	119331	40.8							
46+43.98 to 46+83.50	RT	119401	110.6							
46+67.32 to 49+00.00	RT	119361	136.2							
46+69.51 to 47+01.67	LT	142398	90.0							
47+25.64 to 49+00.00	RT	119298	385.6							
47+78.78 to 52+69.64	RT	120821	6322.2							
48+08.61 to 48+08.61	LT	142433	328.7							
49+00.00 to 54+40.00	LT	119111	1625.3							
49+00.00 to 54+40.00	RT	119307	1082.6							
49+00.00 to 54+40.00	RT	119416	136.5							
54+40.00 to 55+82.65	RT	119323	84.8							
54+40.00 to 59+80.00	LT	119128	1669.8							
54+40.00 to 59+80.00	RT	136028	627.8							
57+38.72 to 59+54.71	RT	120835	930.9							
57+52.45 to 59+44.20	RT	120828	1534.9							
59+80.00 to 65+00.00	LT	149381	1387.3							
59+80.00 to 65+20.00	RT	120779	630.9							
65+20.00 to 68+03.23	RT	136051	185.2							
68+40.16 to 70+39.41	RT	136063	169.0							
70+55.76 to 70+60.00	RT	120756	6.1							
70+60.00 to 71+40.18	RT	120753	80.1							
71+60.64 to 73+70.12	RT	120745	132.5							
73+90.57 to 76+00.00	RT	120736	171.3							
74+53.78 to 74+84.63	LT	120663	8.1							
74+84.69 to 74+86.34	LT	120671	0.5							
75+28.13 to 75+38.04	LT	136080	66.8							
75+43.14 to 76+00.00	LT	120675	28.8							
76+00.00 to 76+52.74	RT	120731	39.4							
76+00.00 to 80+09.31	LT	120684	769.4							
76+73.18 to 77+97.22	RT	119428	110.0							
78+19.22 to 79+24.47	RT	119436	62.6							
79+38.51 to 81+40.00	RT	119443	112.3							
79+86.51 to 80+14.81	LT	119468	30.8							
80+33.31 to 81+40.00	LT	119157	241.0							
81+28.58 to 81+40.00	LT	120840	30.1							
81+37.22 to 84+50.12	LT	120848	7630.2							
81+40.00 to 82+43.37	RT	120724	92.5							
81+40.00 to 84+17.34	LT	120843	1067.4							
81+40.00 to 86+80.00	LT	119162	1376.7							
83+17.29 to 86+80.00	RT	120710	203.8							
SUB-TOTAL:			33569.3							

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-54

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
			0570	1 1	0570	1 2	0162	1 11		
			SY		SY		SY			
P	F	P	F	P	F					
86+80.00 to 92+20.00	RT	119452	511.4							
86+80.00 to 92+20.00	LT	119173	2116.6							
91+42.00 to 91+84.61	LT	119197	182.3							
91+42.00 to 94+53.57	LT	119204	1313.6							
92+03.78 to 92+20.00	LT	118972	32.0							
92+20.00 to 92+48.30	RT	120706	29.9							
92+20.00 to 94+00.00	LT	119190	282.1							
92+20.00 to 94+03.74	LT	118960	991.5							
92+34.89 to 94+10.68	LT	118951	1694.8							
92+48.56 to 92+53.65	RT	120702	2.3							
92+95.08 to 94+00.00	RT	120698	58.8							
403+84.15 to 405+61.59	RT	119707	52.6							
403+87.53 to 409+60.00	LT	120137	169.6							
405+30.53 to 409+54.81	LT	119674	125.6							
405+30.77 to 409+56.05	RT	119687	130.1							
405+61.56 to 406+80.28	RT	119662	41.7							
405+61.56 to 406+87.23	RT	119592	73.7							
407+10.73 to 409+60.00	RT	119601	93.4							
407+19.55 to 409+60.00	RT	120148	71.0							
409+60.00 to 410+11.56	RT	120131	14.8							
409+60.00 to 410+14.18	RT	119615	12.9							
409+60.00 to 415+00.00	LT	120047	160.0							
409+99.50 to 415+00.00	RT	120091	149.1							
411+18.36 to 415+00.00	RT	120077	113.2							
411+20.38 to 415+00.00	LT	120064	112.6							
411+85.00 to 413+85.00	LT/RT	120159	254.4							
415+00.00 to 415+55.28	RT	120031	16.4							
415+00.00 to 415+56.50	LT	120037	17.4							
415+00.00 to 417+01.27	RT	119990	66.5							
415+00.00 to 417+12.34	LT	119947	83.1							
417+25.64 to 420+40.00	RT	119820	100.6							
417+36.71 to 420+40.00	LT	119890	102.7							
417+39.38 to 420+40.00	LT	119486	425.4							
418+92.91 to 420+40.00	LT	119863	43.6							
418+93.38 to 420+40.00	RT	119854	43.4							
420+40.00 to 421+45.76	LT	119813	31.5							
420+40.00 to 421+45.76	LT	119499	34.9							
420+40.00 to 425+73.21	LT	119752	158.4							
420+40.00 to 425+73.34	RT	119775	158.7							
420+40.00 to 425+80.00	RT	119801	160.0							
421+45.55 to 425+80.00	LT	119733	128.8							
425+80.00 to 426+54.44	LT	119726	21.4							
425+80.00 to 427+00.00	RT	119720	35.6							
426+50.00 to 428+50.00	LT	119508	91.4							
426+54.70 to 427+31.73	RT	119622	67.9							
427+98.61 to 431+20.00	RT	120812	914.8							
428+50.00 to 431+20.00	LT	119526	1214.6							
431+20.00 to 436+55.40	RT	119633	1876.6							
SUB-TOTAL:			14583.7							

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-55

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
			0570	1 1	0570	1 2	0162	1 11		
			SY		SY		SY			
P	F	P	F	P	F					
431+20.00 to 436+60.00	LT	119537	1909.9							
436+60.00 to 437+52.96	LT	119553	412.6							
436+60.05 to 438+80.04	RT	130917	337.4							
436+60.05 to 439+39.43	RT	130925	520.1							
437+89.37 to 441+77.73	RT	118914	1644.4							
437+98.87 to 441+99.99	LT	118890	1675.3							
438+80.04 to 442+00.00	RT	130904	825.8							
440+39.37 to 441+99.99	LT	118903	429.3							
441+96.34 to 442+00.00	RT	120873	2.3							
444+96.06 to 447+05.54	LT	120554	112.4							
445+23.80 to 448+99.76	LT	120540	1178.3							
445+30.74 to 449+00.00	RT	149321	907.1							
445+40.00 to 447+02.25	LT	119475	200.5							
445+40.00 to 450+80.00	LT	120519	2993.4							
448+27.55 to 449+08.12	LT	120547	41.0							
448+99.78 to 450+80.00	RT	149326	867.3							
449+06.84 to 450+85.43	LT	120515	425.9							
450+76.92 to 456+20.00	LT	120497	2336.7							
450+78.08 to 455+57.92	LT	120506	1405.5							
450+80.00 to 456+20.00	RT	149340	1865.8							
456+20.00 to 461+60.00	RT	149361	2577.5							
456+20.00 to 461+60.00	LT	120220	1681.6							
461+60.00 to 463+66.67	RT	149362	1269.7							
461+60.00 to 467+00.00	LT	120204	2440.0							
463+55.68 to 463+64.92	RT	120187	73.5							
464+18.18 to 464+28.90	RT	120198	24.9							
464+20.41 to 464+70.23	RT	119649	62.8							
464+21.48 to 467+00.00	RT	120449	1313.1							
464+64.24 to 464+70.23	RT	119657	2.7							
464+93.58 to 467+54.24	RT	118977	8679.1							
465+22.50 to 467+00.00	RT	119005	205.1							
467+00.00 to 467+64.39	RT	118995	83.7							
467+00.00 to 468+38.05	RT	120458	495.6							
467+00.00 to 472+40.00	LT	119560	1046.0							
468+55.76 to 469+60.49	RT	120465	162.4							
469+83.89 to 472+40.00	RT	120473	507.3							
472+40.00 to 477+50.00	LT	119577	1227.8							
474+95.00 to 474+95.00	RT	120480	1227.9							
24+70.00 to 24+81.94	LT	37112			2.8					
24+70.00 to 24+91.32	RT	94225			10.2					
24+81.17 to 24+81.17	LT	36939			21.9					
24+85.63 to 24+96.91	LT	37119			26.4					
25+03.32 to 26+15.82	RT	94228			40.3					
25+15.33 to 25+24.41	LT	37132			13.6					
25+21.21 to 25+24.34	LT	37142			3.1					
25+24.33 to 26+50.11	LT	35712			139.1					
25+28.19 to 25+50.00	LT	37149			5.8					
26+27.83 to 27+40.00	RT	94251			41.6					
SUB-TOTAL:			43171.7		304.8					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-56

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
			0570	1 1	0570	1 2	0162	1 11		
			SY		SY		SY			
P	F	P	F	P	F					
26+62.11 to 26+93.78	LT	35456			26.6					
27+05.78 to 27+40.00	LT	35451			26.1					
27+40.00 to 27+46.01	RT	94245			7.6					
27+40.00 to 28+05.01	LT	35721			49.8					
27+75.65 to 32+80.00	RT	92730			154.7					
27+95.17 to 28+01.17	LT	37157			2.0					
28+04.92 to 28+14.48	LT	37164			58.8					
28+33.98 to 28+45.29	LT	37181			56.3					
28+49.70 to 29+72.88	LT	35728			28.0					
29+94.49 to 32+80.00	LT	37197			84.8					
29+97.20 to 30+17.54	LT	35459			5.3					
30+22.26 to 30+86.55	LT	35457			14.7					
30+25.04 to 30+25.04	RT	35694			501.2					
31+17.50 to 31+82.16	LT	36442			138.9					
31+17.75 to 31+21.81	LT	37529			7.2					
31+25.42 to 31+28.81	LT	36452			4.4					
31+26.50 to 31+80.18	LT	36431			64.8					
31+61.19 to 31+64.61	LT	36453			4.9					
31+68.60 to 31+72.79	LT	37536			7.2					
32+38.72 to 32+80.00	LT	39561			144.0					
32+53.01 to 32+80.00	LT	35223			98.9					
32+79.84 to 34+84.37	RT	39123			933.6					
32+80.00 to 33+07.10	LT	39580			38.5					
32+80.00 to 34+46.72	LT	106807			49.4					
32+80.00 to 34+87.04	RT	92748			85.4					
33+03.82 to 33+47.16	LT	39570			77.8					
33+07.10 to 33+64.74	LT	35234			289.1					
33+33.79 to 33+33.79	LT	36730			709.3					
33+74.52 to 33+81.68	LT	35239			3.8					
33+78.98 to 33+78.98	RT	36774			761.7					
34+27.47 to 34+60.14	RT	36011			24.2					
34+27.50 to 34+48.82	LT	106797			6.3					
34+65.14 to 34+78.75	RT	36015			12.1					
34+74.25 to 35+00.28	RT	36029			87.7					
35+98.17 to 36+04.10	LT	89799			6.5					
36+01.15 to 36+38.05	LT	89638			29.0					
36+30.28 to 37+11.03	LT	92532			445.4					
36+42.87 to 38+20.00	RT	106831			53.2					
36+46.50 to 36+94.55	RT	89341			23.4					
36+50.00 to 36+64.28	LT	37057			3.6					
36+52.23 to 36+52.23	LT	89770			482.2					
36+69.50 to 37+64.17	LT	89657			46.9					
37+00.01 to 38+17.06	RT	89338			38.3					
37+01.46 to 38+19.99	LT	92564			54.9					
37+25.54 to 38+20.00	LT	89637			31.5					
38+19.99 to 38+72.04	LT	89500			14.6					
38+20.00 to 38+60.00	RT	92702			11.9					
38+20.00 to 39+44.59	LT	89621			40.5					
SUB-TOTAL:					5847.0					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SQ-57
					SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
			0570	1 1	0570	1 2	0162	1 11		
			SY		SY		SY			
P	F	P	F	P	F					
38+22.50 to 43+60.00	RT	89474			183.6					
38+41.50 to 43+60.00	LT/RT	89465			986.2					
38+60.00 to 43+60.00	RT	92703			153.0					
38+66.49 to 38+92.62	LT	89492			6.8					
38+91.45 to 43+60.00	LT	92765			132.8					
39+50.29 to 40+39.29	LT	89626			27.3					
40+40.89 to 40+40.89	RT	36672			4284.8					
40+45.35 to 41+94.03	LT	89629			46.8					
40+96.62 to 41+89.23	RT	35420			73.9					
41+99.60 to 43+60.00	LT	89630			51.4					
43+25.08 to 43+60.00	RT	35248			154.9					
43+60.00 to 44+70.56	LT/RT	36838			189.1					
43+60.00 to 45+86.50	RT	35252			1117.7					
43+60.00 to 46+57.47	LT	142068			131.4					
43+60.00 to 46+63.34	RT	89480			103.0					
43+60.00 to 46+74.31	RT	92756			98.5					
43+67.33 to 45+36.93	LT	142091			53.2					
44+13.24 to 44+13.24	RT	36572			941.9					
45+27.74 to 45+27.74	RT	36556			781.5					
45+42.60 to 46+12.92	LT	142110			21.8					
45+50.76 to 46+25.70	RT	37413			62.9					
45+64.98 to 46+44.65	RT	37399			55.4					
46+18.07 to 46+29.95	LT	142117			2.3					
46+20.43 to 46+30.41	RT	36397			6.7					
46+29.15 to 46+34.49	RT	36392			1.2					
46+30.71 to 46+38.51	RT	36387			5.3					
46+38.99 to 46+97.78	LT	142358			33.4					
46+40.85 to 46+50.49	RT	37384			14.8					
46+46.60 to 46+56.78	RT	37434			5.5					
46+47.94 to 46+55.95	RT	37374			6.7					
46+55.98 to 47+42.23	RT	39292			430.3					
46+57.58 to 46+66.11	RT	36373			6.6					
46+60.56 to 46+71.93	LT	142126			2.8					
46+74.61 to 46+90.86	RT	37323			13.4					
46+77.60 to 46+91.04	LT	142132			2.9					
46+79.75 to 47+33.18	LT/RT	151387			52.7					
46+83.50 to 49+00.00	RT	39265			785.2					
46+89.02 to 46+89.02	LT	142240			64.1					
46+91.91 to 53+65.70	RT	39282			2709.2					
47+10.97 to 49+00.00	RT	37311			59.5					
47+23.64 to 49+00.00	RT	36317			39.2					
47+23.64 to 49+00.00	RT	92805			57.3					
47+24.10 to 48+63.00	LT	142313			44.2					
47+38.45 to 54+40.00	LT	142333			208.4					
47+51.08 to 48+65.17	LT	142348			18.2					
47+55.22 to 49+00.00	RT	36795			223.9					
48+72.50 to 49+00.00	LT	35693			4.6					
49+00.00 to 50+08.52	LT	35690			17.8					
SUB-TOTAL:					14474.1					

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-58
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	ROAD NO. SR 46	COUNTY LAKE		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
			0570	1 1	0570	1 2	0162	1 11		
			SY		SY		SY			
P	F	P	F	P	F					
49+00.00 to 50+11.64	RT	37356			32.3					
49+00.00 to 53+17.94	RT	36799			1494.5					
49+00.00 to 53+97.07	RT	39272			1295.3					
49+00.00 to 54+40.00	RT	36310			120.5					
49+00.00 to 54+40.00	RT	36300			160.2					
49+48.52 to 52+68.57	LT/RT	36866			571.1					
50+15.35 to 53+12.04	LT	35686			94.5					
50+16.32 to 50+16.32	RT	36810			5193.9					
50+17.50 to 53+11.70	RT	37351			86.4					
53+17.50 to 54+40.00	LT	35685			40.8					
53+17.50 to 54+40.00	RT	37345			36.3					
54+25.76 to 61+19.05	RT	39348			3710.1					
54+40.00 to 55+28.96	RT	37340			25.7					
54+40.00 to 55+30.77	RT	135664			45.4					
54+40.00 to 56+97.04	LT	35657			84.9					
54+40.00 to 58+03.94	RT	135707			108.4					
54+40.00 to 59+80.00	LT	35911			160.2					
54+45.64 to 60+86.89	RT	35379			13538.1					
54+86.02 to 59+80.00	LT/RT	36873			939.7					
55+34.07 to 57+01.56	RT	135674			92.0					
55+34.25 to 55+82.69	RT	37333			14.2					
56+18.13 to 57+01.05	RT	39296			340.8					
56+28.44 to 56+75.68	RT	35373			190.4					
56+78.58 to 60+22.56	RT	39328			1295.1					
57+01.05 to 59+97.97	RT	35402			1981.1					
57+02.96 to 59+80.00	LT	35653			91.6					
57+05.54 to 58+03.01	RT	135691			49.9					
58+15.06 to 59+80.00	RT	135719			88.5					
58+15.72 to 59+80.00	RT	135729			48.8					
58+43.03 to 58+43.03	RT	36590			1698.9					
59+80.00 to 59+93.23	RT	135735			6.2					
59+80.00 to 59+97.97	RT	35398			162.7					
59+80.00 to 61+97.10	LT	35637			71.9					
59+80.00 to 64+70.00	LT	35904			147.3					
59+80.00 to 65+20.00	LT/RT	36880			1050.0					
59+80.00 to 65+20.00	RT	135771			158.1					
59+96.85 to 60+26.31	RT	135742			13.4					
59+97.97 to 61+74.98	RT	39314			762.1					
60+22.56 to 61+20.78	RT	35366			684.0					
60+28.42 to 61+66.40	RT	135753			32.7					
62+02.88 to 65+20.00	LT	35632			107.0					
65+20.00 to 67+97.49	RT	135792			80.1					
65+20.00 to 70+60.00	LT/RT	36887			1050.0					
65+20.00 to 70+60.00	LT	35623			180.0					
65+55.00 to 67+46.98	RT	35613			61.0					
67+53.01 to 67+85.65	RT	135802			8.7					
68+45.01 to 70+39.41	RT	135819			56.1					
68+54.20 to 69+07.45	RT	135809			16.4					
SUB-TOTAL:					38277.3					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-59

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
			0570	1 1	0570	1 2	0162	1 11		
			SY		SY		SY			
P	F	P	F	P	F					
69+13.02 to 70+36.02	RT	35602			38.0					
70+55.76 to 70+60.00	RT	35868			0.9					
70+60.00 to 71+36.80	RT	35586			22.4					
70+60.00 to 71+40.19	RT	35858			17.4					
70+60.00 to 72+62.86	LT/RT	36892			369.0					
70+60.00 to 74+74.99	LT	35591			137.7					
71+60.63 to 73+70.12	RT	94157			60.8					
71+64.02 to 72+46.98	RT	35581			24.9					
72+53.02 to 72+97.45	RT	35576			13.8					
73+03.02 to 73+66.73	RT	35571			18.6					
73+90.56 to 76+00.00	RT	94153			60.8					
73+93.95 to 74+17.45	RT	35558			6.2					
74+23.01 to 76+00.00	RT	35565			57.1					
74+53.39 to 74+89.85	LT	37216			15.7					
74+73.13 to 74+75.17	LT	36414			0.1					
74+85.47 to 74+90.39	LT	36409			1.0					
74+88.77 to 75+00.13	LT	41045			47.3					
75+25.61 to 75+28.92	LT	135834			2.4					
75+26.81 to 75+37.31	LT	135871			7.8					
75+26.87 to 75+29.46	LT	135840			2.3					
75+36.41 to 76+00.00	LT	94059			21.0					
75+36.94 to 75+41.60	LT	35831			0.9					
75+52.01 to 76+00.00	LT	41075			16.5					
76+00.00 to 76+49.34	RT	35553			14.7					
76+00.00 to 76+52.74	RT	94150			15.3					
76+00.00 to 77+82.04	LT	35537			60.7					
76+00.00 to 80+09.31	LT	94066			122.2					
76+73.17 to 77+97.22	RT	94142			36.5					
76+76.57 to 77+77.05	RT	35520			31.0					
77+63.39 to 81+40.00	LT/RT	40021			706.7					
77+82.50 to 77+93.89	RT	35519			2.3					
77+87.49 to 78+97.04	LT	35532			35.7					
78+19.22 to 79+24.47	RT	35837			31.2					
78+22.55 to 78+97.04	RT	35515			22.6					
78+85.18 to 82+13.44	LT	39444			2521.5					
78+94.78 to 82+03.58	LT	35431			11736.8					
79+02.96 to 79+21.14	RT	35512			3.8					
79+02.96 to 80+05.97	LT	35529			32.1					
79+37.55 to 79+78.07	LT	39429			69.9					
79+38.51 to 81+40.00	RT	35800			59.8					
79+40.00 to 79+97.16	LT	35424			316.2					
79+41.84 to 81+40.00	RT	35511			64.6					
79+86.51 to 80+00.75	LT	39439			12.9					
80+33.31 to 81+40.00	LT	39588			31.7					
80+33.31 to 81+40.00	LT	39421			117.9					
80+34.81 to 80+82.58	LT	39505			78.7					
80+36.64 to 81+40.00	LT	35528			33.0					
80+67.93 to 81+40.00	LT	36536			599.6					
SUB-TOTAL:					17700.0					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-60

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
			0570	1 1	0570	1 2	0162	1 11		
			SY		SY		SY			
P	F	P	F	P	F					
80+79.44 to 85+40.60	LT	39400			1344.0					
81+40.00 to 82+31.61	RT	35508			29.3					
81+40.00 to 82+47.77	RT	94131			38.5					
81+40.00 to 82+99.43	LT/RT	36916			289.2					
81+40.00 to 83+97.04	LT	35503			84.7					
81+40.00 to 84+69.65	LT	36495			1968.6					
81+40.00 to 84+86.98	LT	39391			239.6					
81+40.00 to 86+80.00	LT	39593			160.2					
82+93.92 to 82+93.92	LT	36509			4898.6					
83+12.62 to 86+80.00	RT	94116			115.7					
83+28.91 to 83+97.04	RT	35484			20.7					
84+02.96 to 86+80.00	RT	35481			91.6					
84+02.96 to 86+80.00	LT	35499			91.6					
86+26.88 to 86+80.00	LT/RT	36923			77.7					
86+80.00 to 86+97.50	LT	35498			5.8					
86+80.00 to 86+97.51	RT	35480			5.8					
86+80.00 to 92+20.00	LT	39598			160.2					
86+80.00 to 92+20.00	RT	35782			160.2					
86+80.00 to 92+20.00	LT/RT	36929			1050.0					
87+02.96 to 92+20.00	RT	35475			171.2					
87+02.96 to 92+20.00	LT	35494			171.2					
91+67.00 to 92+20.00	LT	35329			512.8					
91+84.61 to 94+53.48	LT	35348			2003.4					
92+20.00 to 92+26.37	RT	35471			0.7					
92+20.00 to 92+34.89	LT	35324			20.3					
92+20.00 to 92+39.84	RT	35776			5.4					
92+20.00 to 93+27.50	LT	35493			35.9					
92+20.00 to 94+00.00	LT/RT	36934			350.0					
92+20.00 to 94+00.00	LT	39604			53.4					
92+20.00 to 94+47.37	LT	36542			1183.8					
92+32.96 to 92+60.63	RT	94106			45.6					
92+80.85 to 93+10.38	RT	94087			46.6					
93+06.75 to 94+00.00	RT	35770			27.2					
93+16.96 to 93+27.51	RT	35463			1.8					
93+32.96 to 94+00.00	LT	35489			21.6					
93+32.96 to 94+00.00	RT	35467			21.6					
403+87.53 to 409+60.00	LT	38405			169.6					
403+99.00 to 406+80.28	RT	38432			89.0					
405+30.39 to 409+55.09	LT	38962			125.9					
405+30.83 to 409+56.00	RT	38948			130.1					
407+19.55 to 409+60.00	RT	38450			71.0					
409+60.00 to 410+09.86	LT	38368			24.9					
409+60.00 to 410+11.56	RT	38456			14.8					
410+54.65 to 413+83.72	LT	38226			104.3					
411+18.13 to 415+00.00	RT	38924			113.3					
411+20.06 to 415+00.00	LT	38906			112.6					
411+47.95 to 412+77.02	RT	38463			38.4					
413+36.55 to 415+00.00	RT	38486			48.2					
SUB-TOTAL:					16546.6					

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-61
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	ROAD NO. SR 46	COUNTY LAKE		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
			0570	1 1	0570	1 2	0162	1 11		
			SY		SY		SY			
P	F	P	F	P	F					
415+00.00 to 415+56.17	RT	38891			16.9					
415+00.00 to 415+56.50	LT	38882			17.4					
415+00.00 to 417+01.26	RT	38495			66.5					
415+81.34 to 417+12.34	LT	38240			58.2					
417+25.64 to 420+18.31	RT	38545			93.8					
417+36.71 to 420+40.00	LT	38304			105.8					
417+64.57 to 420+40.00	LT/RT	38684			164.5					
420+40.00 to 424+53.11	LT	38341			123.6					
420+40.00 to 425+73.99	RT	38620			158.4					
420+40.00 to 425+74.43	LT	38651			158.6					
420+48.86 to 423+70.78	RT	38594			94.8					
425+51.56 to 425+80.00	RT	38606			8.4					
425+80.00 to 427+00.00	RT	38613			35.6					
426+65.11 to 426+99.99	LT	38362			10.3					
427+00.00 to 431+20.00	LT	92707			120.9					
427+00.00 to 431+20.00	LT	92720			378.3					
427+98.61 to 431+20.00	RT	92677			272.4					
427+98.61 to 431+20.00	RT	92663			95.3					
431+19.99 to 436+60.00	RT	35965			160.2					
431+20.00 to 436+60.00	LT	36037			495.0					
431+20.00 to 436+60.00	RT	35985			495.0					
431+20.00 to 436+60.00	LT	36003			160.2					
432+25.66 to 436+60.00	LT/RT	92459			591.2					
436+60.00 to 439+18.60	LT/RT	92460			347.1					
436+60.00 to 442+00.00	LT	36007			140.1					
436+60.00 to 442+00.00	RT	88997			495.0					
436+60.00 to 442+00.00	LT	36024			491.4					
436+60.00 to 442+00.00	RT	89800			160.2					
436+84.33 to 442+00.00	RT	35259			1878.3					
437+52.96 to 439+65.50	LT	39153			413.8					
438+01.15 to 442+00.00	LT	39145			734.9					
439+08.02 to 442+00.00	LT	39139			406.5					
439+39.38 to 441+95.95	RT	35309			716.0					
439+65.50 to 442+00.02	LT	36709			485.8					
439+88.15 to 439+88.15	LT	36756			1530.0					
441+95.95 to 442+00.00	RT	94515			4.8					
442+00.00 to 442+00.99	RT	94520			6.3					
442+00.00 to 442+54.84	RT	106826			16.0					
442+00.00 to 442+62.62	RT	106816			51.4					
444+56.24 to 445+02.05	LT	106803			14.2					
445+01.01 to 449+06.84	LT	92643			122.6					
445+40.00 to 445+83.38	RT	92451			12.2					
445+40.00 to 446+94.33	RT	92529			747.3					
445+77.83 to 448+99.78	RT	92446			95.8					
445+93.76 to 448+99.77	RT	92524			1098.3					
447+78.84 to 450+80.00	LT/RT	89824			395.0					
448+31.18 to 450+80.00	RT	92520			314.2					
448+99.77 to 450+80.00	RT	92440			54.0					
SUB-TOTAL:					14612.5					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		SQ-62

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
			0570	1 1	0570	1 2	0162	1 11		
			SY		SY		SY			
P	F	P	F	P	F					
449+12.38 to 450+84.76	LT	92430			50.1					
449+29.25 to 450+84.01	LT	92419			51.5					
450+80.00 to 456+20.00	LT/RT	38994			750.0					
450+80.00 to 456+20.00	RT	92157			495.0					
450+80.00 to 456+20.00	RT	92162			160.2					
450+83.71 to 456+20.00	LT	92414			304.0					
450+84.51 to 456+20.00	LT	36177			159.6					
456+20.00 to 461+60.00	RT	92166			160.6					
456+20.00 to 461+60.00	RT	92281			486.2					
456+20.00 to 461+60.00	LT	92396			160.6					
456+20.00 to 461+60.00	LT/RT	38999			750.0					
456+20.00 to 461+60.00	LT	92403			489.7					
461+60.00 to 463+55.38	RT	92307			164.7					
461+60.00 to 463+69.33	RT	92612			82.4					
461+60.00 to 464+19.97	LT/RT	39004			352.1					
461+60.00 to 467+00.00	LT	92392			160.2					
461+60.00 to 467+00.00	LT	92393			495.0					
463+60.50 to 463+67.60	RT	92615			37.7					
464+06.43 to 464+12.74	RT	36138			27.4					
464+10.74 to 464+13.29	RT	36139			2.7					
464+12.17 to 464+15.37	RT	92294			6.8					
464+13.07 to 464+20.41	RT	37544			36.7					
464+17.74 to 464+21.13	RT	37555			6.1					
464+18.81 to 467+00.00	RT	92596			98.5					
464+19.46 to 467+00.00	RT	92287			241.6					
464+30.79 to 468+39.18	RT	39523			2703.7					
464+31.95 to 464+81.18	RT	39533			1093.1					
464+59.16 to 465+02.21	RT	36630			1294.0					
464+93.37 to 465+22.50	RT	36639			548.1					
465+85.83 to 465+85.83	RT	36648			1264.4					
466+33.65 to 467+00.00	RT	39554			8.6					
466+43.35 to 466+43.35	RT	36612			3697.7					
467+00.00 to 468+04.14	RT	92351			86.8					
467+00.00 to 468+05.66	RT	36662			555.0					
467+00.00 to 468+12.88	RT	92573			32.4					
467+00.00 to 468+41.57	RT	39513			328.5					
467+00.00 to 472+40.00	LT	92380			480.5					
467+00.00 to 472+40.00	LT	92365			160.2					
468+40.05 to 469+60.49	RT	92356			100.3					
468+52.74 to 469+60.49	RT	92345			31.5					
468+95.50 to 468+95.50	LT	92471			462.5					
469+84.49 to 472+40.00	RT	92346			75.8					
469+84.49 to 472+40.00	RT	92360			229.3					
472+40.00 to 477+50.00	LT	36097			463.9					
472+40.00 to 477+50.00	RT	92388			464.0					
472+40.00 to 477+50.00	LT	36071			151.3					
472+40.00 to 477+50.00	RT	92382			151.3					
473+70.99 to 477+50.00	LT/RT	39022			517.4					
SUB-TOTAL:					20629.7					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. SQ-63
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 46	LAKE	238275-2-52-01	

SUMMARY OF QUANTITIES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

QUANTITY	STR. NO.	STATION	BASELINE	SIDE	DESCRIPTION	BARRELS	STORM DRAIN							CURB INLETS								MANHOLES				DITCH BOTTOM INLETS			CLOSED FLUME INLETS	BARRIER WALL INLETS			MITERED END SECTIONS (CD)					CLASS I CONC	TRENCH DRAIN TYPE II	RIP RAP DITCH LINING	REMARKS					
							18"	24"	30"	36"	42"	48"	P-1 <10	P-1 >10	1 PART.	J-1 <10	J-1 >10	P-2 <10	P-2 >10	P-5 <10	P-6 <10	7 <10	P-7 <10	P-8 <10	P-8 >10	J-8 <10	C <10	D <10		D MOD <10	F <10	<10	<10 >10	>10	18"	24"	30"					36"	42"	CY	LF	TN
P	S-330	39+47.70	SR 46	LT	INLET, PIPE	1		88					1																																	
F																																														
P	S-331	39+55.00	SR 46	RT	INLET, PIPE	1	50						1																																	
F																																														
P	S-332	39+48.80	SR 46	LT	INLET, PIPE	1		27								1																														
F																																														
P	S-333	40+43.00	SR 46	LT	INLET, PIPE	1		144					1																																	
F																																														
P	S-334	41+97.00	SR 46	LT	INLET, PIPE	1			62				1																																	
F																																														
P	S-335	41+97.00	SR 46	RT	INLET, PIPE	1			87				1																																	
F																																														
P	S-336	42+42.00	SR 46	RT	INLET, PIPE	1	42						1																																	
F																																														
P	S-337 to S-340		NOT USED																																											
F																																														
P	S-341	220+00.00	RAMP XX	RT	DBI, PIPE	1	32																1																							
F																																														
P	S-342	220+25.00	RAMP XX	RT	MANHOLE, PIPE	1	97																	1																						
F																																														
P	S-343	221+20.00	RAMP XX	RT	MANHOLE, PIPE, MES	1	57																					1																		
F																																														
P	S-344	223+73.00	RAMP XX	RT	DBI, PIPE	1		150																1																						
F																																														
P	S-345	224+29.00	RAMP XX	RT	DBI, PIPE, MES	1			43																1				1									9.0	4' Diameter							
F																																														
P	S-346	224+40.00	RAMP XX	RT	INLET, PIPE	1	33																					1																		
F																																														
P	S-347	224+40.00	RAMP XX	LT	INLET, PIPE	1			50																				1																	
F																																														
P	S-348	224+60.00	RAMP XX	RT	DBI, PIPE	1			148															1																						
F																																														
P	S-349	226+00.00	RAMP XX	RT	MANHOLE, PIPE	1			163																1																					
F																																														
P	S-350	226+08.00	RAMP XX	RT	DBI, PIPE	1			25																1																					
F																																														
P	S-351	△2	NOT USED																																											
F																																														
P	S-352	6+26.00	POND RD	LT	MANHOLE, PIPE	1			180																																					
F																																														
P	S-353	46+86.00	SR 46	RT	MANHOLE, PIPE	1			187	△2																																				
F																																														
P	S-354	△2	NOT USED																																											
F																																														
P	S-355	10+76.80	VERANDA	RT	DBI	-																		1																						
F																																														
P	S-356A	10+73.70	VERANDA	RT	INLET, PIPE	1	12																																							
F																																														
P	S-356B	10+84.00	VERANDA	LT	TRENCH DRAIN	-																																7								
F																																														
P	S-356	10+92.90	VERANDA	RT	MANHOLE	-																																								
F																																														
P	S-357	△2	NOT USED																																											
F																																								4x4						
P	S-358	△2	NOT USED																																					4x6						
F																																														
P	S-359	8+10.00	POND RD	LT	INLET, PIPE	1			32																																					
F																																														
P	S-360	8+10.00	POND RD	RT	INLET, PIPE, MES	1			110																																					
F																																														

SHEET TOTALS -		PLAN QUANTITY						FINAL QUANTITY																													
		323	1067	242	187	0	0	9	0	0	0	0	0	0	0	0	1	1	4	0	1	0	1	4	1	0	1	1	1	1	1	0	0	0	0	7	9.0

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF DRAINAGE STRUCTURES			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID				
5/26/17	JLC △2 EXISTING DRAINAGE CHANGES										

VOID

QUANTITY	STR. NO.	STATION	BASELINE	SIDE	DESCRIPTION	BARRELS	STORM DRAIN						CURB INLETS										MANHOLES					DITCH BOTTOM INLETS					CLOSED FLUME INLETS	BARRIER WALL INLETS			MITERED END SECTIONS (CD)					CLASS I CONC	TRENCH DRAIN TYPE II	RIP RAP DITCH LINING	REMARKS						
							18"	24"	30"	36"	42"	48"	P-1	P-1	1	J-1	J-1	P-2	J-2	P-5	P-6	7	P-7	P-8	P-8	J-8	C	D	D	D	F	C		D	D	D	F														
							<10	>10	PART.	<10	>10	<10	>10	<10	>10	<10	>10	<10	>10	<10	>10	<10	>10	<10	>10	<10	>10	<10	>10	<10	>10	<10		>10	<10	>10	<10	>10													
P	S-701	NOT USED																																																	
F																																																			
P	S-702	93+30.00	SR 46	RT	INLET, PIPE	1	110																																												
F																																																			
P	S-703	93+30.00	SR 46	LT	INLET, PIPE, MES	1						118																																							
F																																																			
P	S-704	92+71.00	SR 46	LT	DBI, PIPE, MES	1	94																																												
F																																																			

SHEET TOTALS-					<i>PLAN QUANTITY</i>	204	0	118	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
					<i>FINAL QUANTITY</i>																																											
GRAND TOTALS-					<i>PLAN QUANTITY</i>	8617	5971	2077	1935	91	40	85	2	2	3	1	10	2	2	2	13	10	7	1	7	1	3	13	1	4	3	5	1	12	7	6	3	1	37.04	67	136.1							
					<i>FINAL QUANTITY</i>																																											

REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF DRAINAGE STRUCTURES	SHEET NO. 27
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

OPTIONAL MATERIALS SYSTEMS

STRUCTURE	SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-101, 101A, 102, 102A, 102B, S-102C, 105, 106, 108, 111, 113, S-316, S-410	18"	RCP, CLASS II NRCP, CLASS II 16 GA. SRAP 14 GA. SRASP	X		
S-107, 107A, 109, 110, 112, 116, 117, S-119, 123, 124, 125, S-336, 341, 342, 343 S-400, 402-406, 409	18"	RCP, CLASS II NRCP, CLASS II 16 GA. SRAP 14 GA. SRASP HDPE, CLASE II PP PVC	X		
S-114, 116A, 118, 120, 120B, 120C, S-120D, 120E, 120F, 121, 203A S-201, 201A, 203, 212, 217, 219 S-302, 304, 307, 308-314, 319 S-320, 323, 326 S-501 - S-505, 510 S-603, 606, 615, 616, 617	18"	RCP, CLASS II NRCP, CLASS II 16 GA. SRAP 14 GA. SRASP HDPE, CLASE II PP PVC	X		
S-202, S-620, 624, 626, S-702	18"	RCP, CLASS II NRCP, CLASS II 14 GA. SRAP 14 GA. SRASP HDPE, CLASE II PP PVC	X		
S-232	18"	RCP, CLASS II	X		
S-301, S-601, S-704	18"	RCP, CLASS II NRCP, CLASS II 16 GA. SRAP 16 GA. SRASP	X		
S-401	18"	PP PVC STEEL PIPE	X		PIPE UNDER MSE WALL

OPTIONAL MATERIALS SYSTEMS

STRUCTURE	SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-115, 120A, S-324, 329, 330, 332, 333, S-344, 348-351, 357-359 S-407, 408, 413, 415	24"	RCP, CLASS II NRCP, CLASS II 16 GA. SRAP 14 GA. SRASP HDPE, CLASS II PP PVC	X		
S-204, 205, 207, 207A, 207B, S-208, 208A, 209, 211, S-627	24"	RCP, CLASS II NRCP, CLASS II 14 GA. SRAP 14 GA. SRASP HDPE, CLASS II PP PVC	X		
S-210, S-317, S-506	24"	RCP, CLASS II NRCP, CLASS II 16 GA. SRAP 16 GA. SRASP	X		
S-215, S-314, S-509, S-604, 605, 612	24"	RCP, CLASS II NRCP, CLASS II 16 GA. SRAP 16 GA. SRASP HDPE, CLASS II PP PVC	X		
S-360, S-411, S-622	24"	RCP, CLASS II NRCP, CLASS II 16 GA. SRAP 14 GA. SRASP	X		
S-412, 414	24"	PP PVC STEEL PIPE	X		PIPE UNDER MSE WALL
S-511	24"	RCP, CLASS II	X		

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			OPTIONAL MATERIALS TABULATION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		28

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

OPTIONAL MATERIALS SYSTEMS

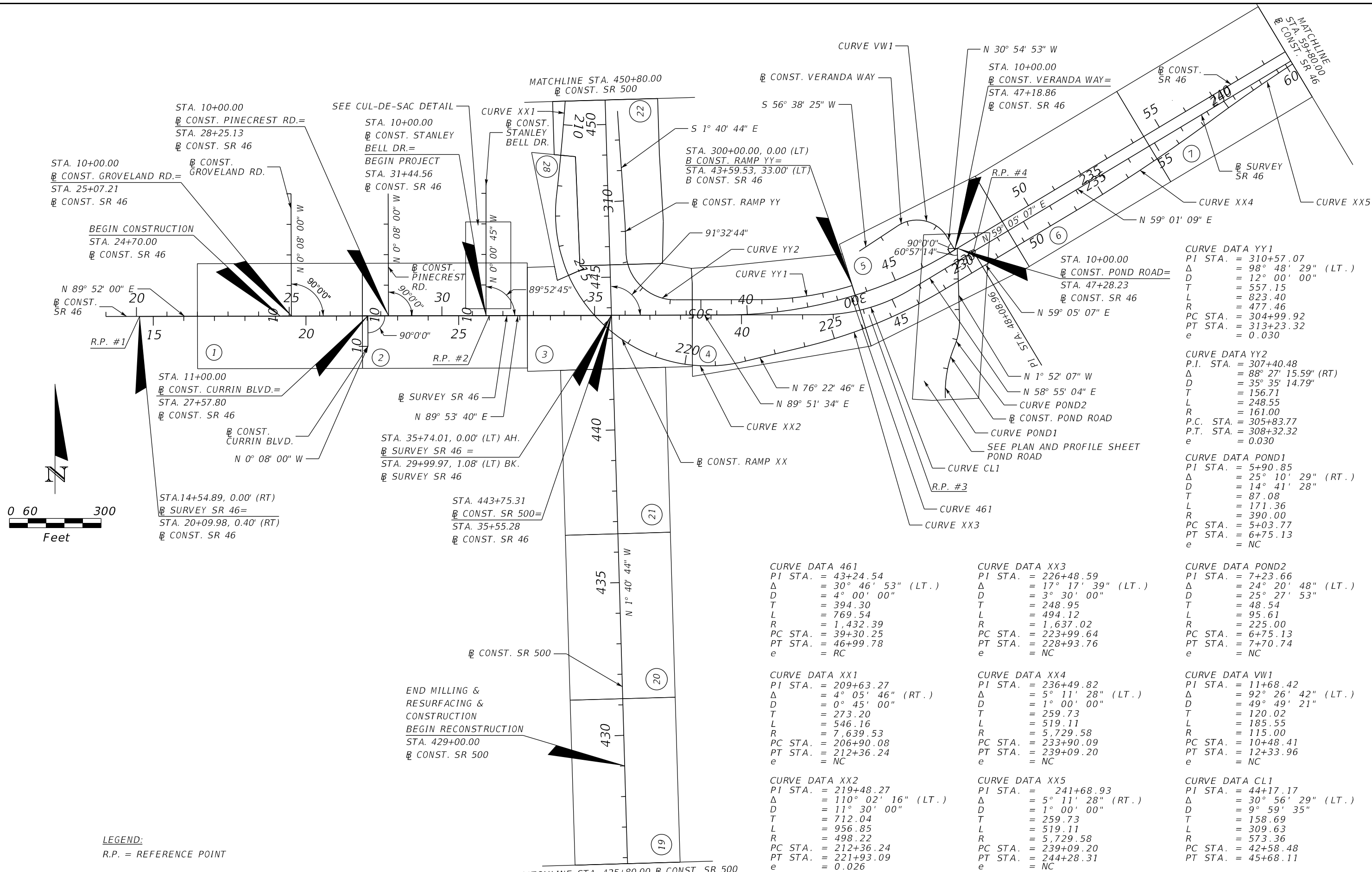
STRUCTURE	SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-222, S-608, 614, 618	30"	RCP, CLASS II NRCP, CLASS II 16 GA. SRAP 16 GA. SRASP HDPE, CLASE II PP PVC	X		
S-334, 345	30"	RCP, CLASS II NRCP, CLASS II 16 GA. SRAP 14 GA. SRASP HDPE, CLASS II PP PVC	X		
S-335, 347 S-416	30"	PP PVC STEEL PIPE	X		PIPE UNDER MSE WALL
S-625	30"	RCP, CLASS II NRCP, CLASS II 14 GA. SRAP 16 GA. SRASP HDPE, CLASS II PP PVC	X		
S-703	30"	RCP, CLASS II NRCP, CLASS II 16 GA. SRAP 16 GA. SRASP	X		
S-213	36"	RCP, CLASS II NRCP, CLASS II 16 GA. SRAP 10 GA. SRSP	X		
S-214, 218 S-619, 621	36"	RCP, CLASS II NRCP, CLASS II 14 GA. SRAP 14 GA. SRASP HDPE, CLASS II PP PVC	X		

OPTIONAL MATERIALS SYSTEMS

STRUCTURE	SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-220	36"	RCP, CLASS II NRCP, CLASS II 16 GA. SRAP 16 GA. SRASP 10 GA. SRSP HDPE, CLASE II PP PVC	X		
S-233	36"	RCP, CLASS II	X		
S-354	36"	RCP, CLASS II NRCP, CLASS II 16 GA. SRAP 14 GA. SRASP HDPE, CLASS II PP PVC	X		
S-353, S-361	36"	PP PVC STEEL PIPE	X		PIPE WITHIN MSE WALL ZONE
S-610, S-611	36"	RCP, CLASS II NRCP, CLASS II 16 GA. SRASP	X		
S-623	42"	RCP, CLASS II 14 GA. SRASP	X		
S-216	48"	RCP, CLASS II	X		

DATE		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877		STATE OF FLORIDA			SHEET NO. 29
DESCRIPTION		DESCRIPTION				DEPARTMENT OF TRANSPORTATION			
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 46	LAKE	238275-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



CURVE DATA YY1
 P.I. STA. = 310+57.07
 Δ = 98° 48' 29" (LT.)
 D = 12° 00' 00"
 T = 557.15
 L = 823.40
 R = 477.46
 PC STA. = 304+99.92
 PT STA. = 313+23.32
 e = 0.030

CURVE DATA YY2
 P.I. STA. = 307+40.48
 Δ = 88° 27' 15.59" (RT)
 D = 35° 35' 14.79"
 T = 156.71
 L = 248.55
 R = 161.00
 P.C. STA. = 305+83.77
 P.T. STA. = 308+32.32
 e = 0.030

CURVE DATA POND1
 P.I. STA. = 5+90.85
 Δ = 25° 10' 29" (RT.)
 D = 14° 41' 28"
 T = 87.08
 L = 171.36
 R = 390.00
 PC STA. = 5+03.77
 PT STA. = 6+75.13
 e = NC

CURVE DATA 461
 P.I. STA. = 43+24.54
 Δ = 30° 46' 53" (LT.)
 D = 4° 00' 00"
 T = 394.30
 L = 769.54
 R = 1,432.39
 PC STA. = 39+30.25
 PT STA. = 46+99.78
 e = RC

CURVE DATA XX3
 P.I. STA. = 226+48.59
 Δ = 17° 17' 39" (LT.)
 D = 3° 30' 00"
 T = 248.95
 L = 494.12
 R = 1,637.02
 PC STA. = 223+99.64
 PT STA. = 228+93.76
 e = NC

CURVE DATA POND2
 P.I. STA. = 7+23.66
 Δ = 24° 20' 48" (LT.)
 D = 25° 27' 53"
 T = 48.54
 L = 95.61
 R = 225.00
 PC STA. = 6+75.13
 PT STA. = 7+70.74
 e = NC

CURVE DATA XX1
 P.I. STA. = 209+63.27
 Δ = 4° 05' 46" (RT.)
 D = 0° 45' 00"
 T = 273.20
 L = 546.16
 R = 7,639.53
 PC STA. = 206+90.08
 PT STA. = 212+36.24
 e = NC

CURVE DATA XX4
 P.I. STA. = 236+49.82
 Δ = 5° 11' 28" (LT.)
 D = 1° 00' 00"
 T = 259.73
 L = 519.11
 R = 5,729.58
 PC STA. = 233+90.09
 PT STA. = 239+09.20
 e = NC

CURVE DATA VW1
 P.I. STA. = 11+68.42
 Δ = 92° 26' 42" (LT.)
 D = 49° 49' 21"
 T = 120.02
 L = 185.55
 R = 115.00
 PC STA. = 10+48.41
 PT STA. = 12+33.96
 e = NC

CURVE DATA XX2
 P.I. STA. = 219+48.27
 Δ = 110° 02' 16" (LT.)
 D = 11° 30' 00"
 T = 712.04
 L = 956.85
 R = 498.22
 PC STA. = 212+36.24
 PT STA. = 221+93.09
 e = 0.026

CURVE DATA XX5
 P.I. STA. = 241+68.93
 Δ = 5° 11' 28" (RT.)
 D = 1° 00' 00"
 T = 259.73
 L = 519.11
 R = 5,729.58
 PC STA. = 239+09.20
 PT STA. = 244+28.31
 e = NC

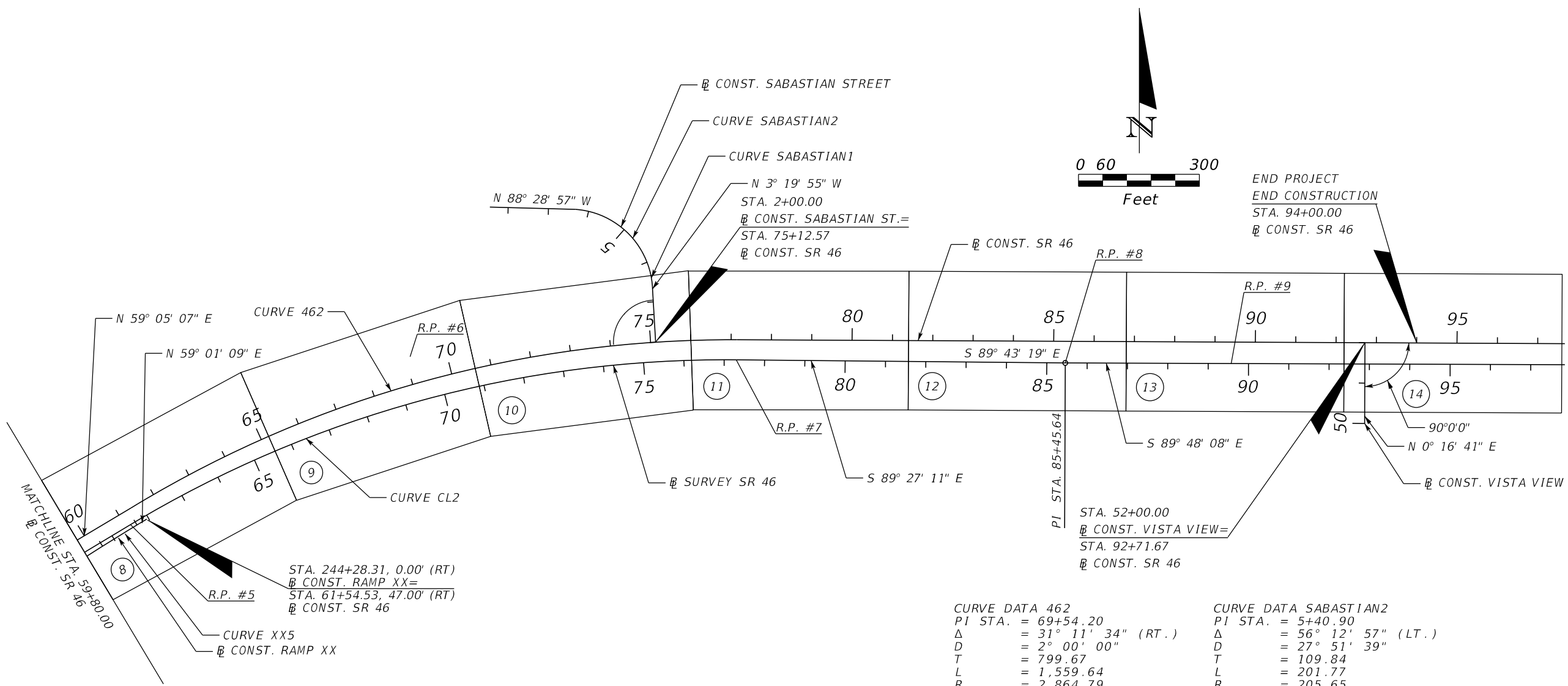
CURVE DATA CL1
 P.I. STA. = 44+17.17
 Δ = 30° 56' 29" (LT.)
 D = 9° 59' 35"
 T = 158.69
 L = 309.63
 R = 573.36
 PC STA. = 42+58.48
 PT STA. = 45+68.11

LEGEND:
 R.P. = REFERENCE POINT

END MILLING &
 RESURFACING &
 CONSTRUCTION
 BEGIN RECONSTRUCTION
 STA. 429+00.00
 CONST. SR 500

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REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	SHEET NO. 30
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE		



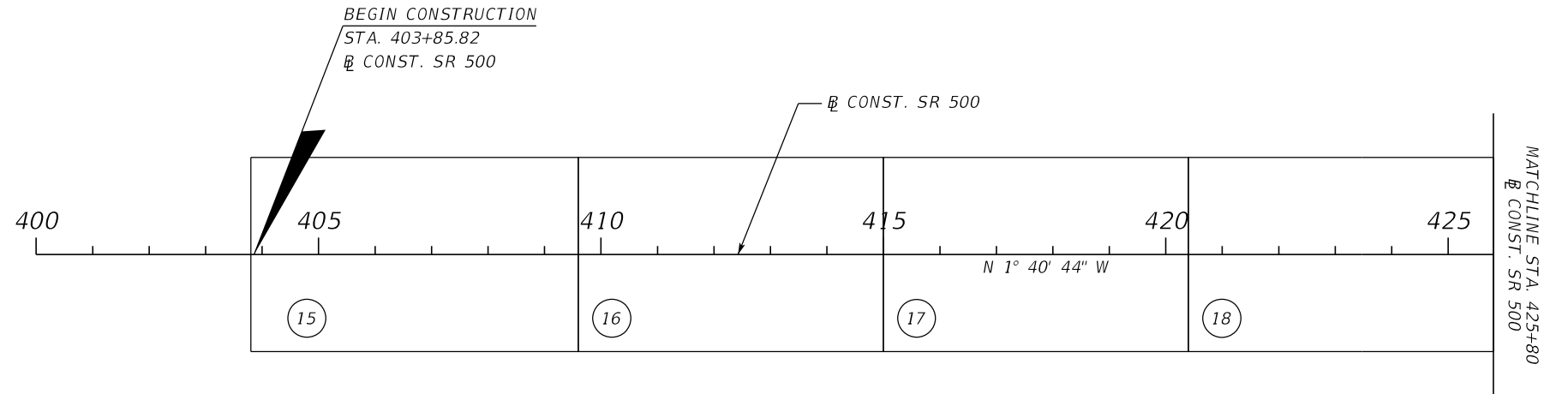
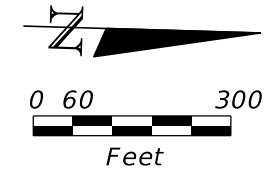
END PROJECT
END CONSTRUCTION
STA. 94+00.00
CONST. SR 46

<p>CURVE DATA 462 PI STA. = 69+54.20 Δ = 31° 11' 34" (RT.) D = 2° 00' 00" T = 799.67 L = 1,559.64 R = 2,864.79 PC STA. = 61+54.53 PT STA. = 77+14.17 e = NC</p>	<p>CURVE DATA SABASTIAN2 PI STA. = 5+40.90 Δ = 56° 12' 57" (LT.) D = 27° 51' 39" T = 109.84 L = 201.77 R = 205.65 PC STA. = 4+31.06 PT STA. = 6+32.84 e = NC</p>
<p>CURVE DATA XX5 PI STA. = 241+80.054 Δ = 5° 38' 10" (RT.) D = 1° 14' 52" T = 226.26 L = 452.15 R = 4,591.72 PC STA. = 239+54.28 PT STA. = 244+06.44 e = NC</p>	<p>CURVE DATA SABASTIAN1 PI STA. = 3+82.80 Δ = 27° 31' 17" (LT.) D = 27° 56' 57" T = 50.20 L = 98.47 R = 205.00 PC STA. = 3+32.59 PT STA. = 4+31.06 e = NC</p>
<p>CURVE DATA CL2 PI STA. = 69+62.18 Δ = 31° 31' 40" (RT.) D = 1° 59' 59" T = 808.78 L = 1,576.53 R = 2,865.06 PC STA. = 61+53.41 PT STA. = 77+29.94</p>	

LEGEND:
R.P. = REFERENCE POINT

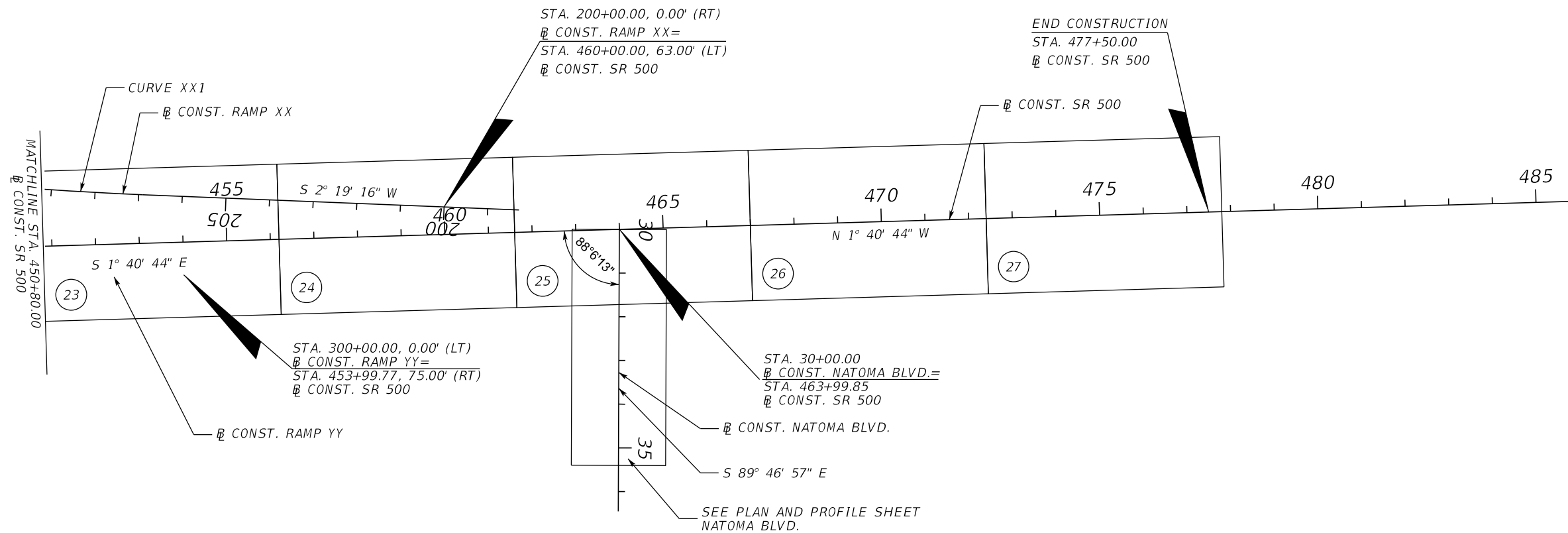
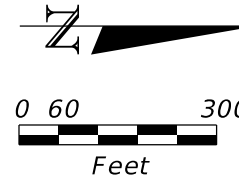
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. <h2 style="text-align: center;">PROJECT LAYOUT</h2>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 46	LAKE	238275-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE		238275-2-52-01

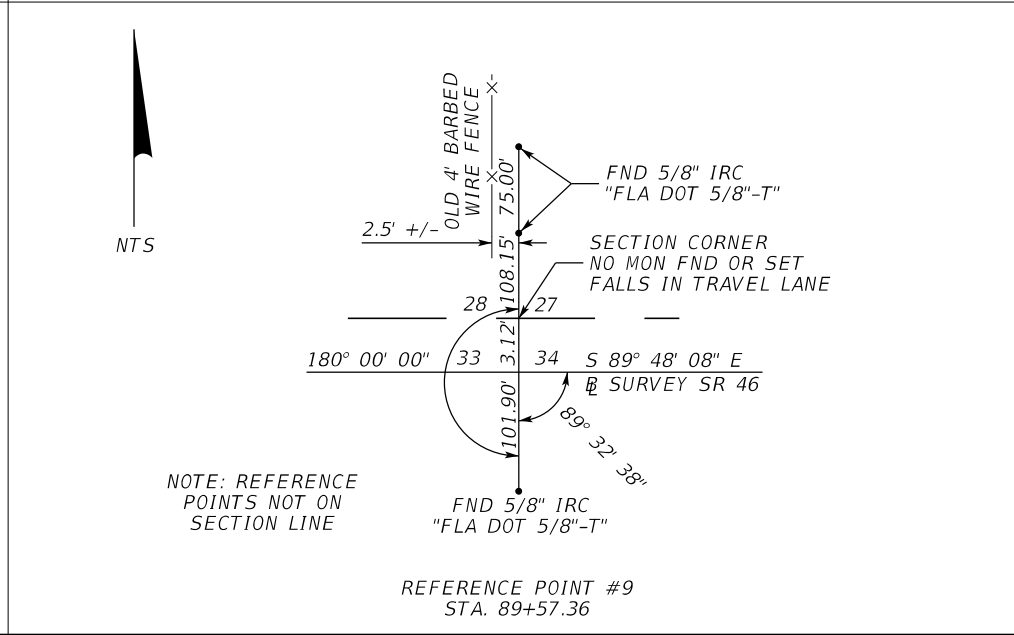
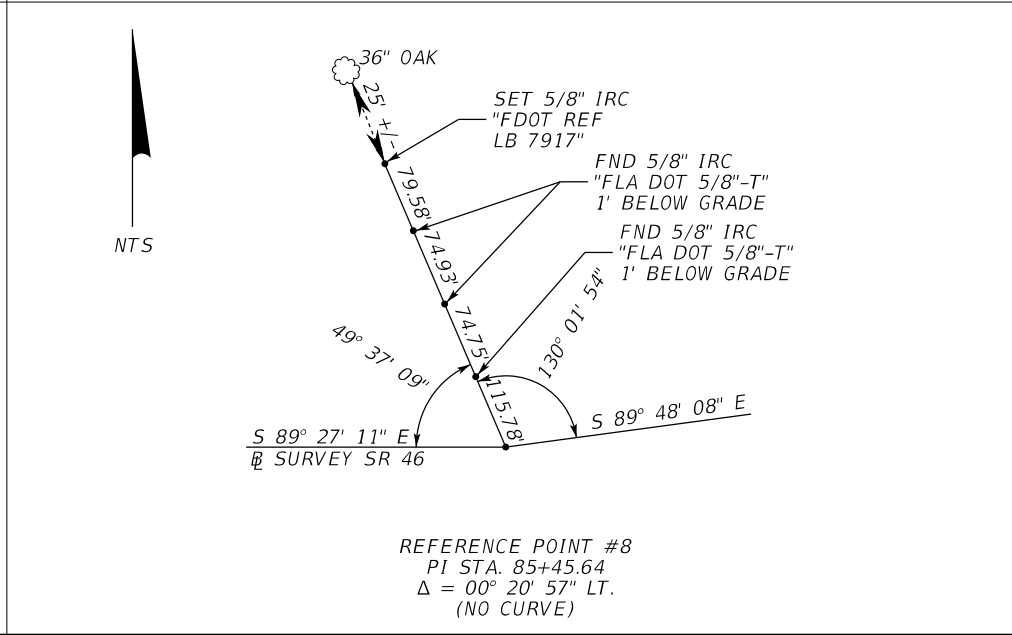
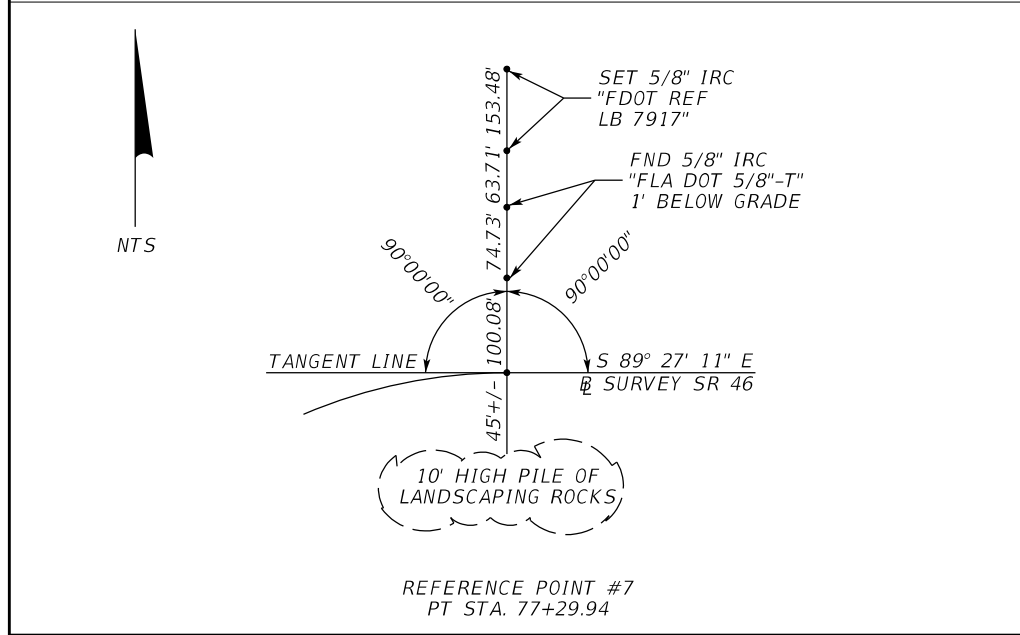
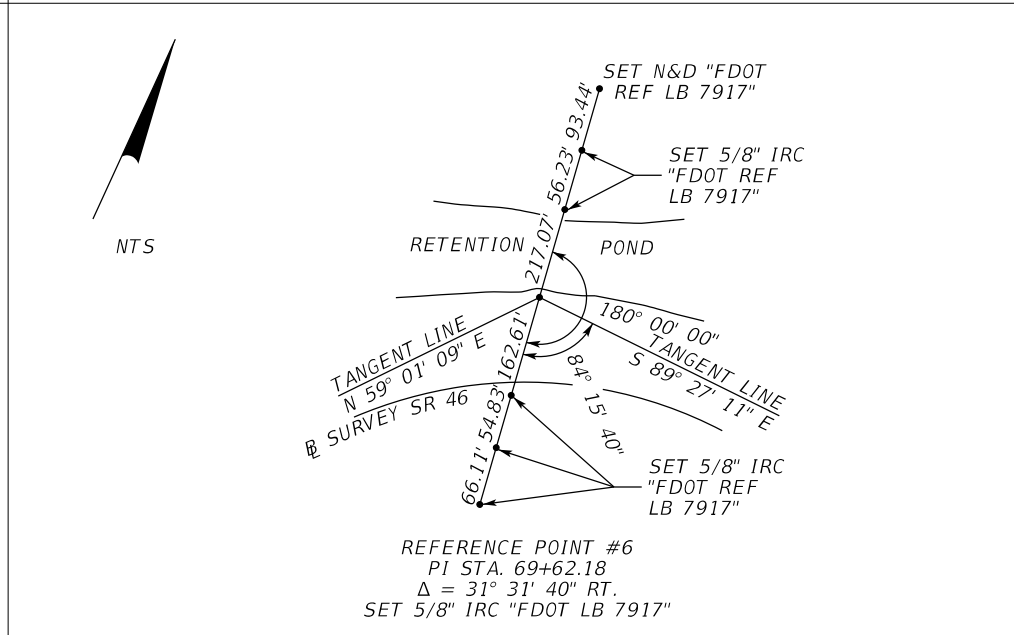
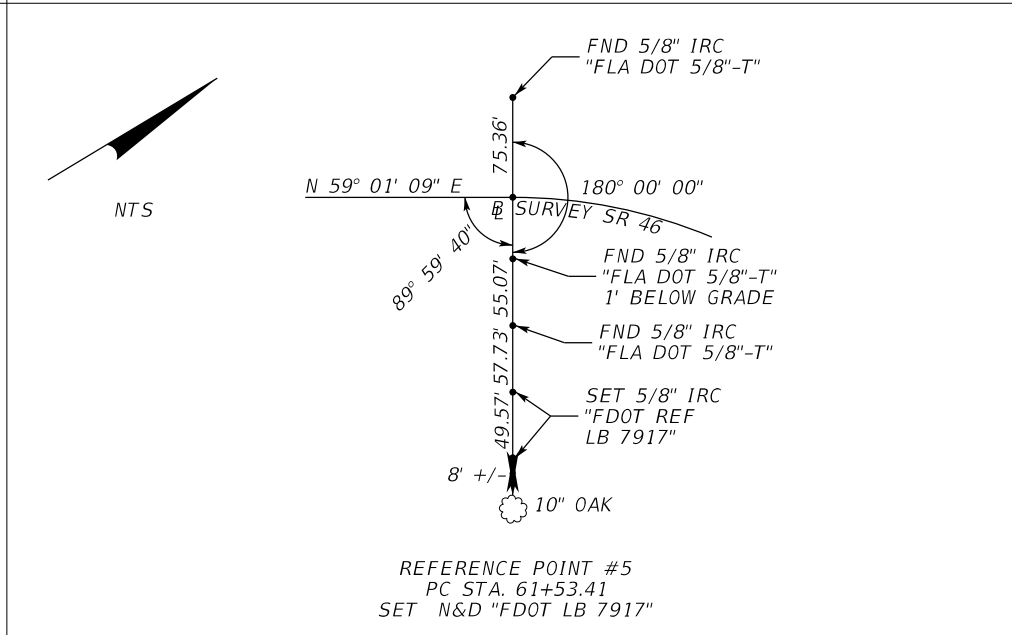
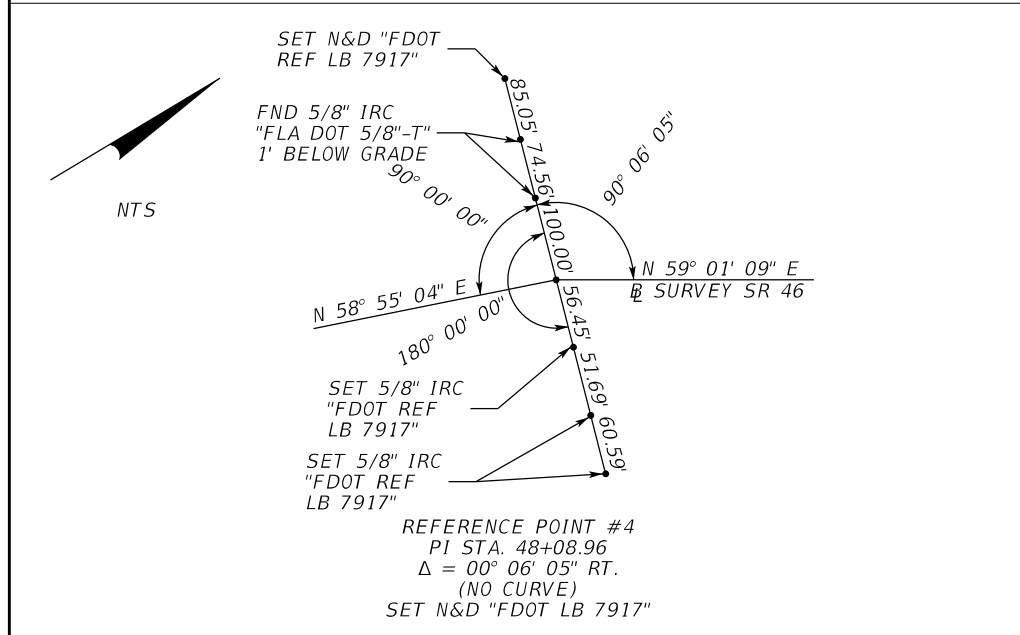
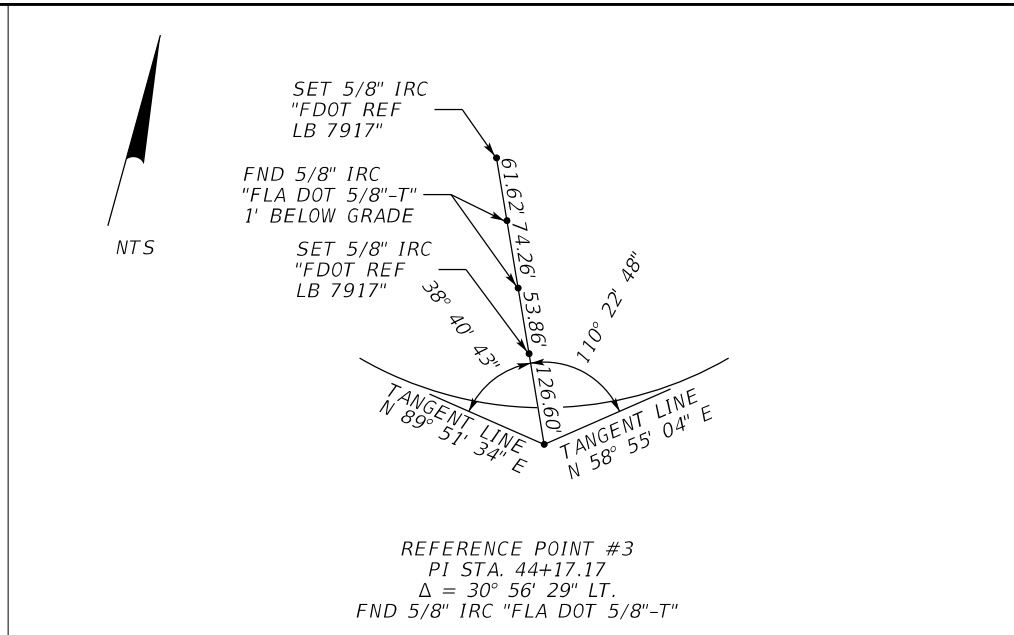
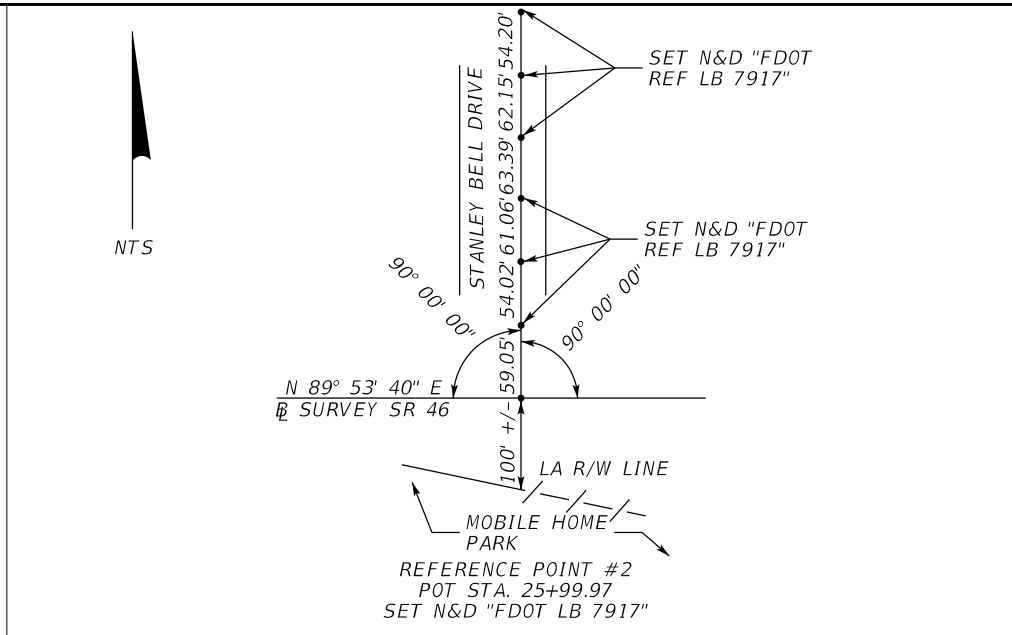
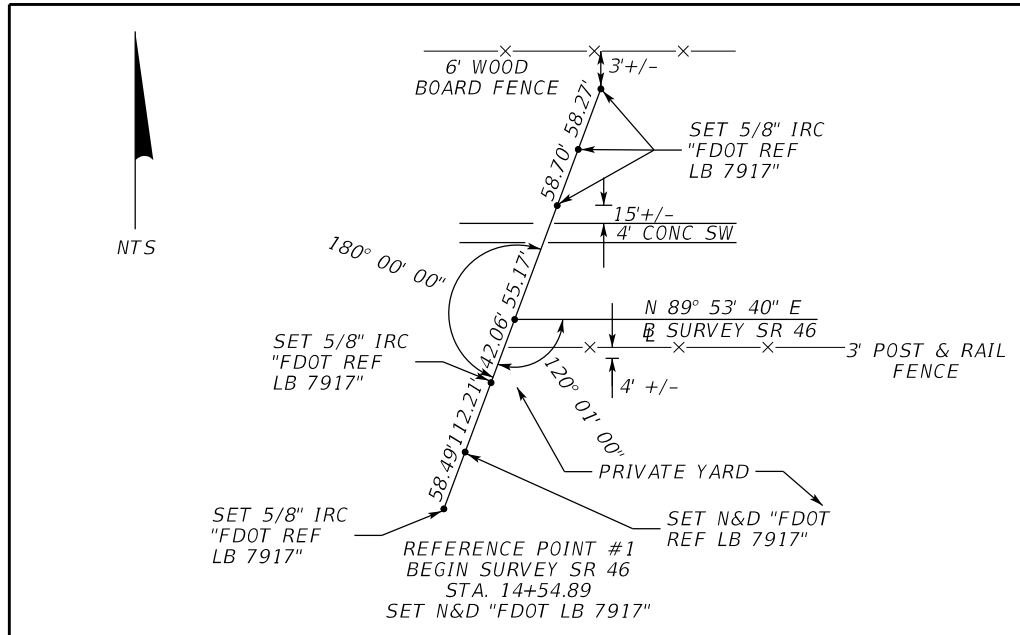
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



CURVE DATA XX1
 PI STA. = 209+63.27
 Δ = 4° 05' 46" (RT.)
 D = 0° 45' 00"
 T = 273.20
 L = 546.16
 R = 7,639.53
 PC STA. = 206+90.08
 PT STA. = 212+36.24
 e = NC

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	PROJECT LAYOUT
								33

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

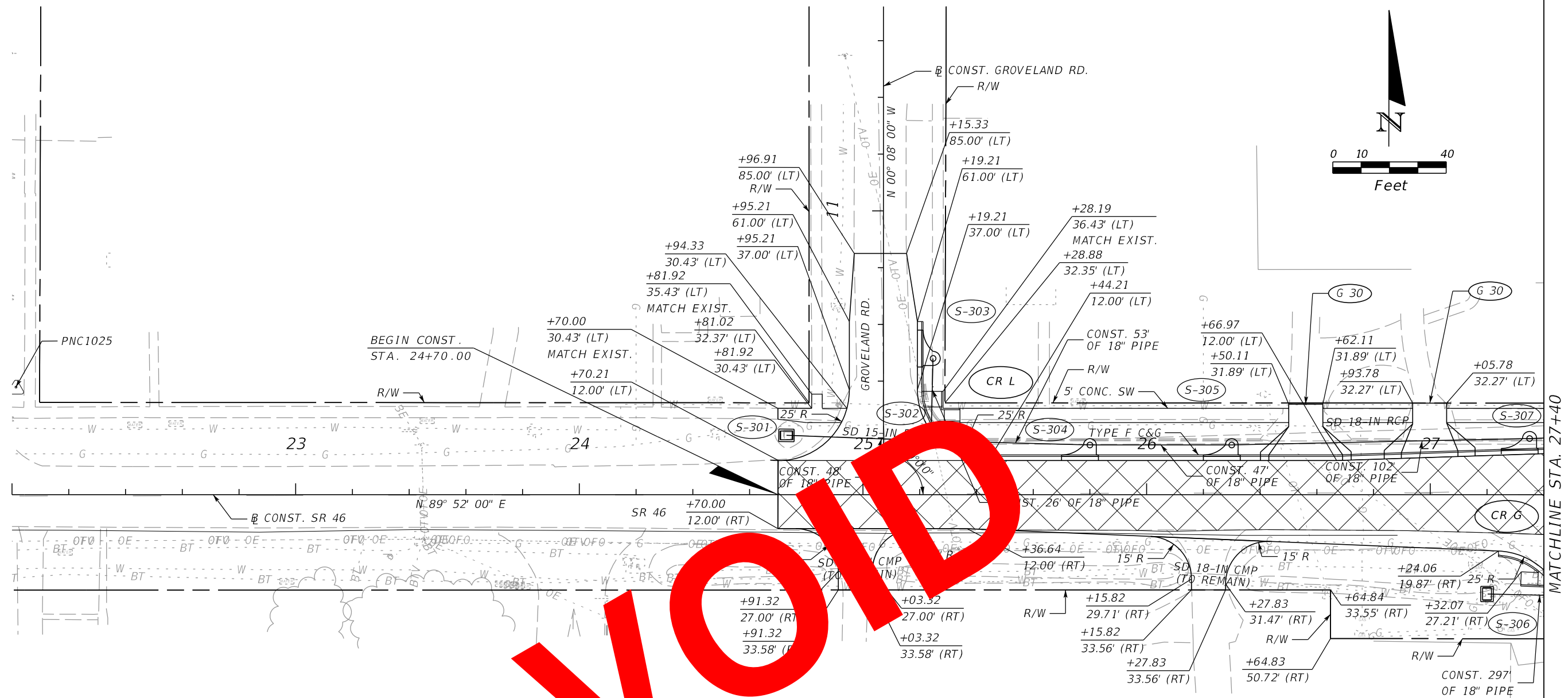
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

REFERENCE TIES

SHEET NO.
34

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



GENERAL NOTES:

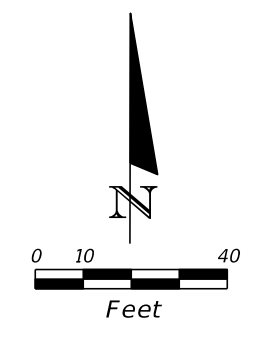
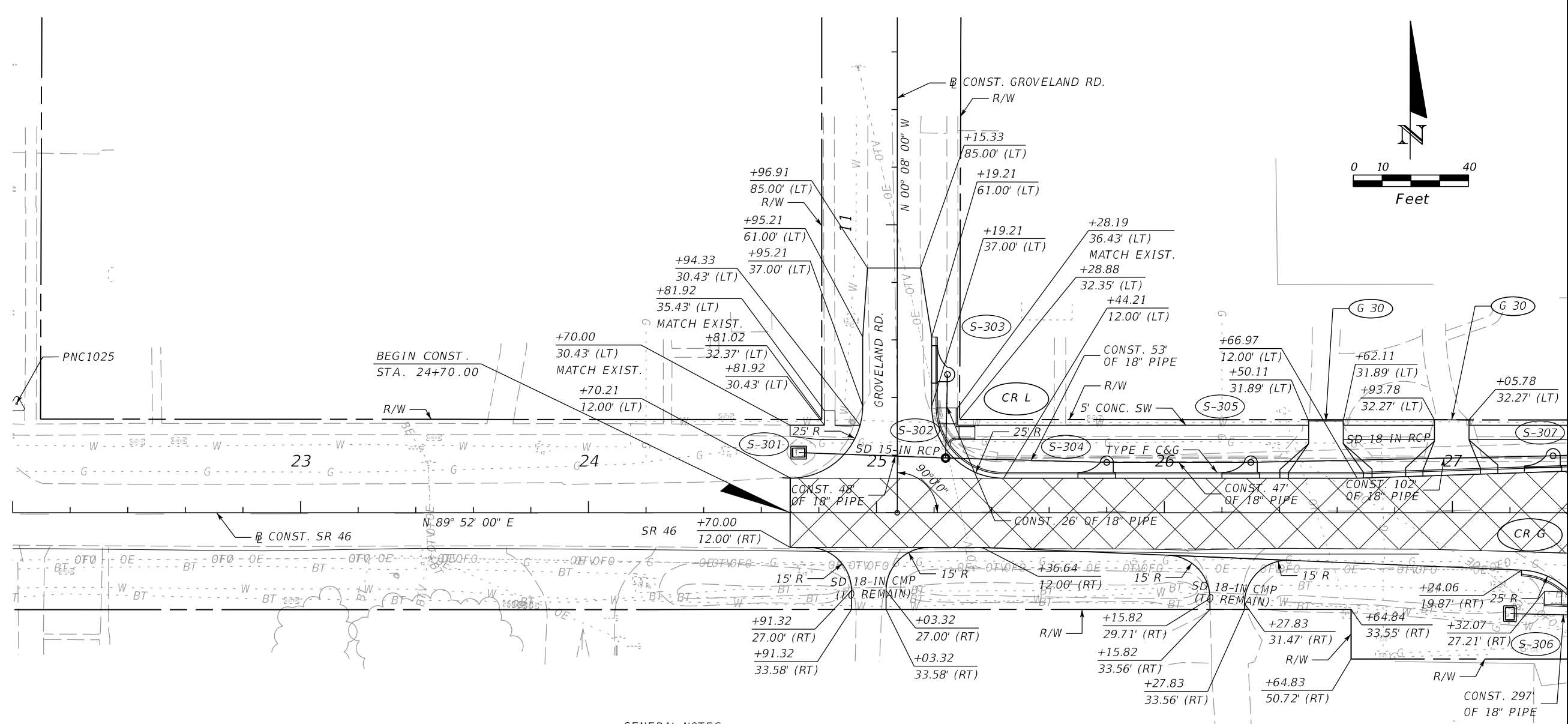
1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
2. BUILDINGS TO BE REMOVED BY OTHERS, UNLESS OTHERWISE NOTED.
3. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.
4. PROJECTED PGL SR 500 RT AND PROJECTED PGL SR 500 LT ARE BASED ON EXISTING EDGE OF PAVEMENT GRADED UPWARD AT 2%.
5. THE CONTRACTOR SHOULD EXPECT PORTIONS OF THE BASE TO BE EXPOSED DURING 3.75" MILLING OF SR 500 (US 441) AND SOME SIDESTREETS.
6. PAVEMENT CORING DATA, INCLUDING BASE MATERIAL TYPE AND THICKNESS IS AVAILABLE ON THE DEPARTMENTS WEBSITE. THE URL FOR OBTAINING THIS INFORMATION IS LOCATED AT:
[FTP://FTP.DOT.STATE.FL.US/LTS/D5/CONSTRUCTION/PAVEMENTCORINGDATA/](ftp://ftp.dot.state.fl.us/lts/d5/construction/pavementcoringdata/)
 THE DATA REPRESENTS MATERIALS ENCOUNTERED AT EACH CORING LOCATION. MATERIAL VARIATIONS BETWEEN CORES SHOULD BE ANTICIPATED AS INDICATED IN SECTION 2-4 OF THE STANDARD SPECIFICATIONS.
7. SPECIAL EVENT DAYS FOR THIS PROJECT INCLUDE: CITY OF MOUNT DORA ART FESTIVAL

LEGEND:



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 1 SR 46	SHEET NO. 35
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



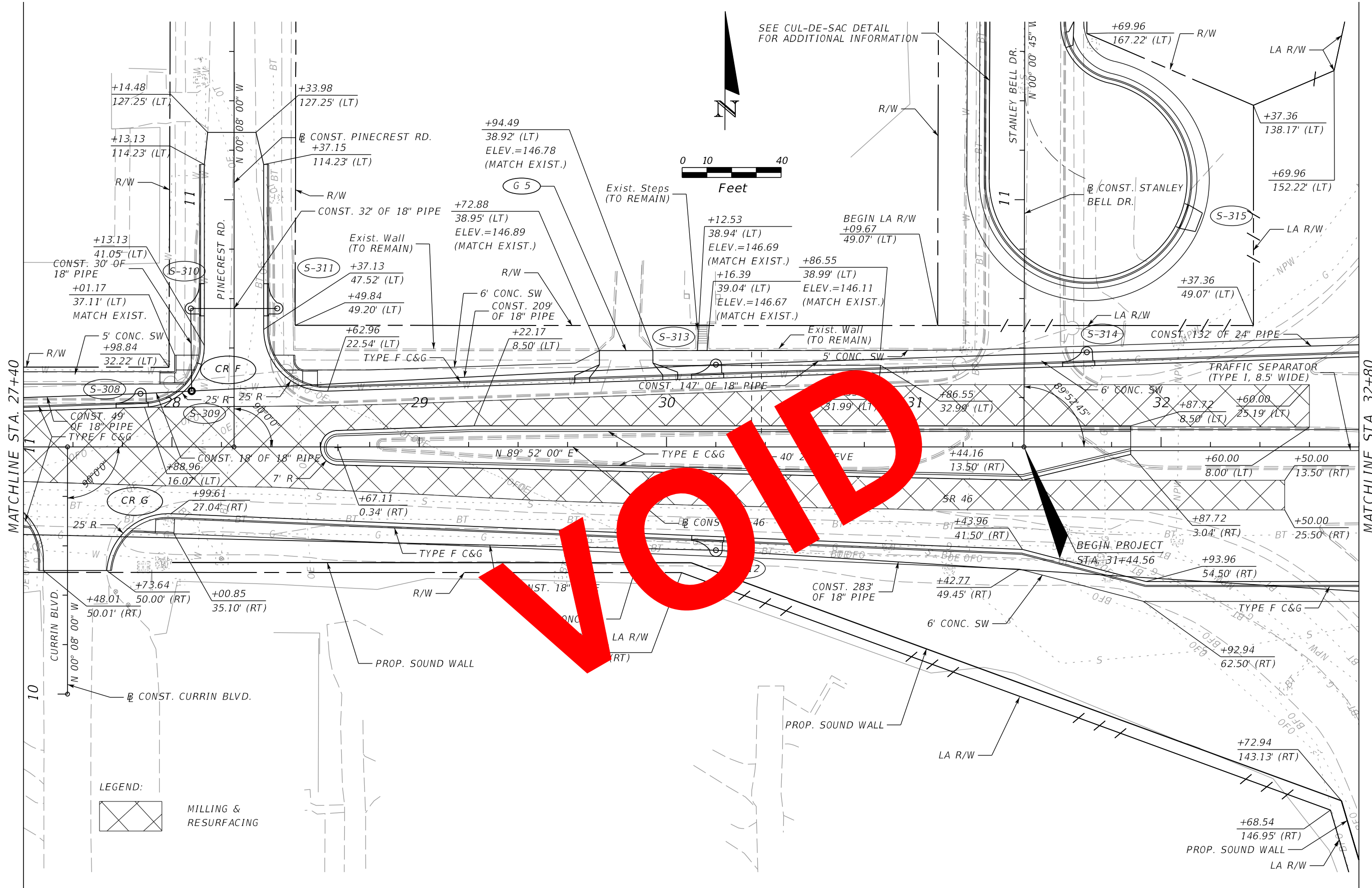
GENERAL NOTES:

- BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
- BUILDINGS TO BE REMOVED BY OTHERS, UNLESS OTHERWISE NOTED.
- EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.
- PROJECTED PGL SR 500 RT AND PROJECTED PGL SR 500 LT ARE BASED ON EXISTING EDGE OF PAVEMENT GRADED UPWARD AT 2%.
- THE CONTRACTOR SHOULD EXPECT PORTIONS OF THE BASE TO BE EXPOSED DURING 3.75" MILLING OF SR 500 (US 441) AND SOME SIDESTREETS.
- PAVEMENT CORING DATA, INCLUDING BASE MATERIAL TYPE AND THICKNESS IS AVAILABLE ON THE DEPARTMENTS WEBSITE. THE URL FOR OBTAINING THIS INFORMATION IS LOCATED AT: [FTP://FTP.DOT.STATE.FL.US/LTS/D5/CONSTRUCTION/PAVEMENTCORINGDATA/](ftp://ftp.dot.state.fl.us/lts/d5/construction/pavementcoringdata/) THE DATA REPRESENTS MATERIALS ENCOUNTERED AT EACH CORING LOCATION. MATERIAL VARIATIONS BETWEEN CORES SHOULD BE ANTICIPATED AS INDICATED IN SECTION 2-4 OF THE STANDARD SPECIFICATIONS.
- SPECIAL EVENT DAYS FOR THIS PROJECT INCLUDE: CITY OF MOUNT DORA ART FESTIVAL
- INFORMATION FOR EXISTING DRAINAGE STRUCTURES 351, 354, 357, 358, 404, & 405 COMES FROM PLANS BY MITTAUER & ASSOCIATES DATED 1/3/17. STRUCTURES ARE CONSTRUCTED BY OTHERS AND NOT SURVEYED. FIELD VERIFY ALL ELEVATIONS PRIOR TO CONNECTING TO STRUCTURES.



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 1 SR 46	SHEET NO. 35
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
5/26/17	JLC UPDATED GENERAL NOTE			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

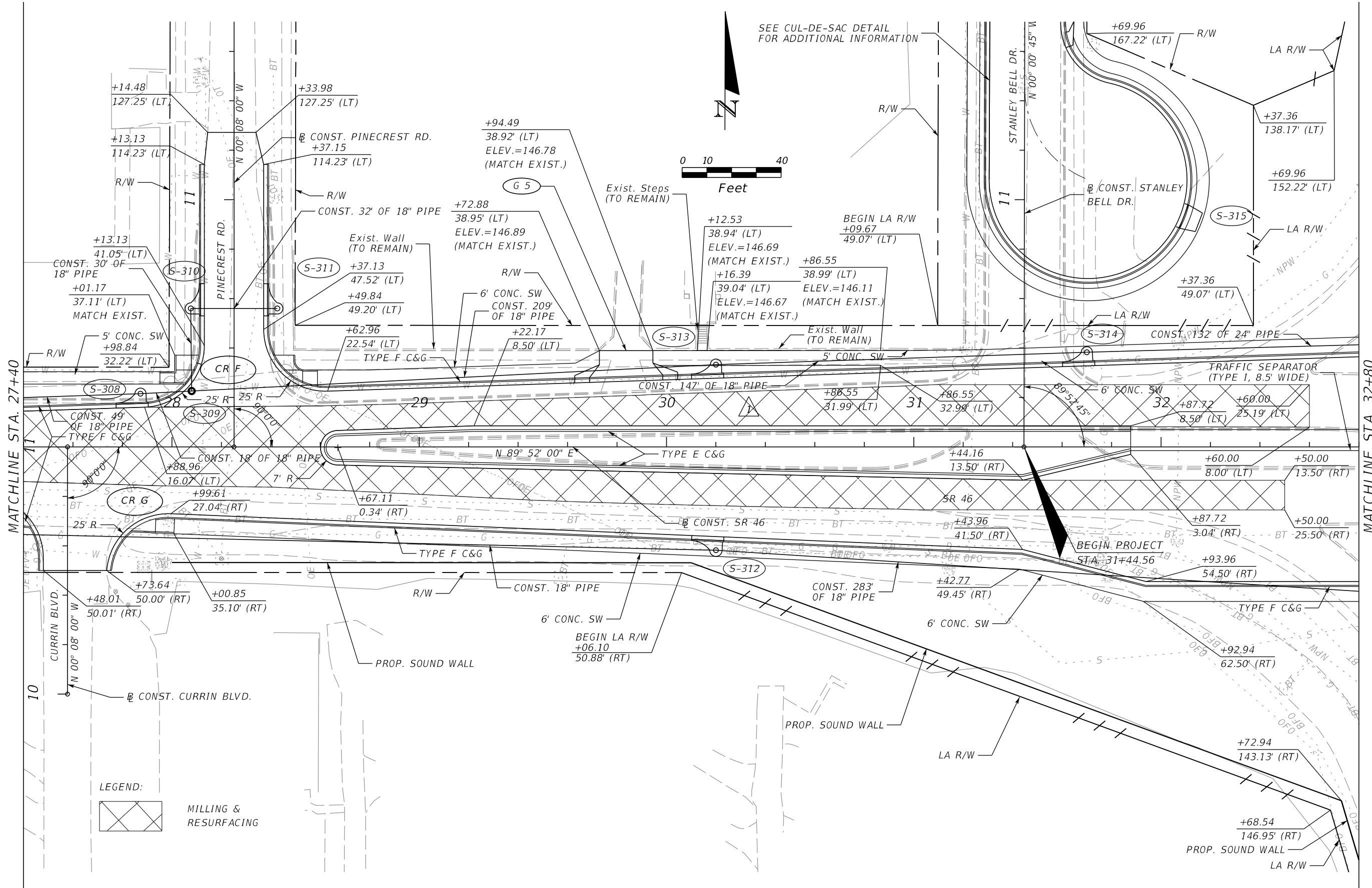
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



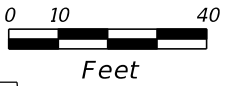
LEGEND:
 MILLING & RESURFACING

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 2 SR 46	SHEET NO. 36
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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SEE CUL-DE-SAC DETAIL FOR ADDITIONAL INFORMATION



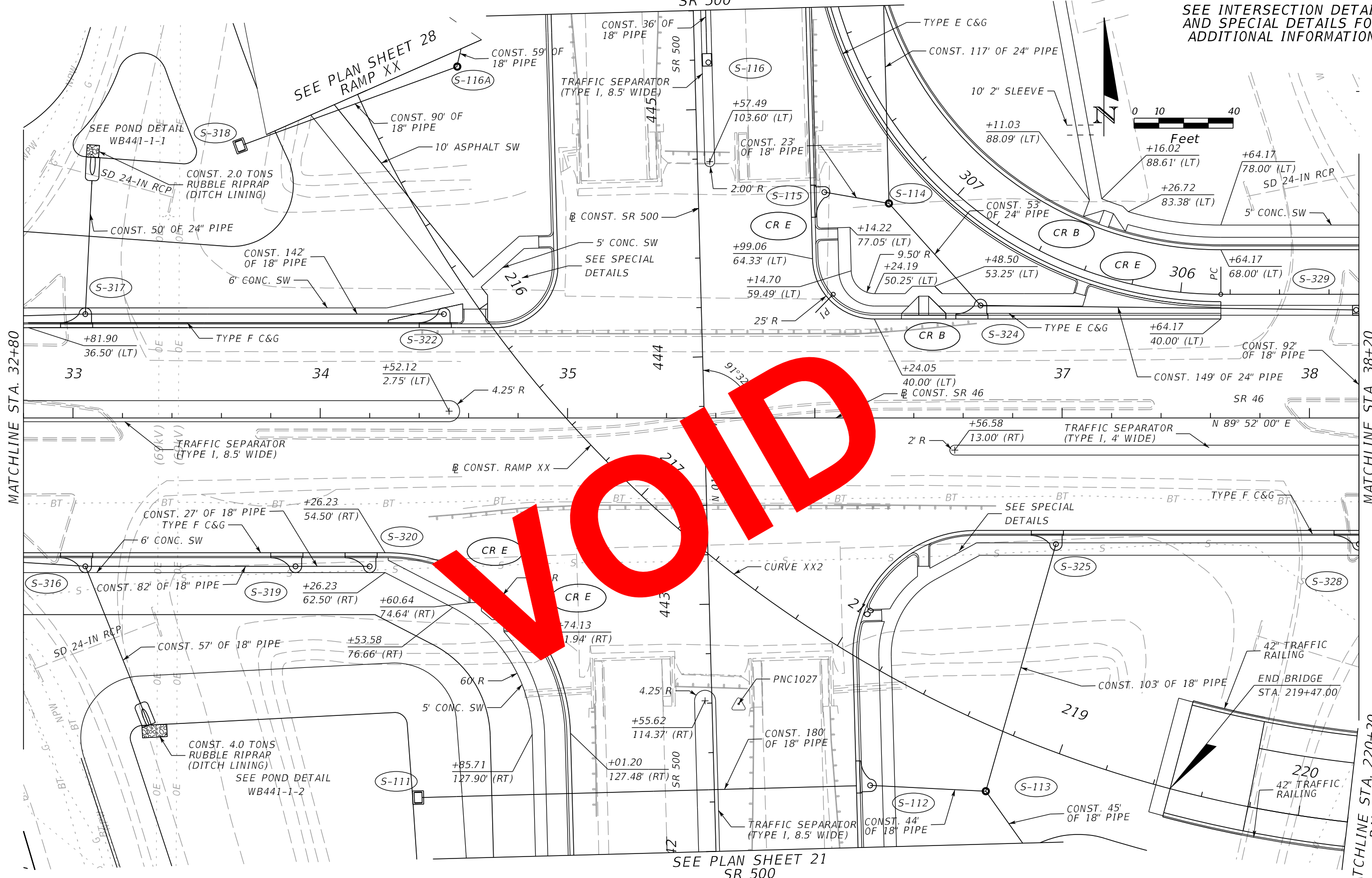
LEGEND:
 MILLING & RESURFACING

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 2 SR 46	SHEET NO. 36
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
05/17/17	JLC REMOVED IRRIGATION SLEEVE			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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SEE PLAN SHEET 22
SR 500

SEE INTERSECTION DETAIL
AND SPECIAL DETAILS FOR
ADDITIONAL INFORMATION



MATCHLINE STA. 32+80

MATCHLINE STA. 38+20

MATCHLINE STA. 220+20
RAMP XX

SEE PLAN SHEET 21
SR 500

SEE PLAN SHEET 28
RAMP XX

SEE POND DETAIL
WB441-1-1

CONST. 2.0 TONS
RUBBLE RIPRAP
(DITCH LINING)

CONST. 4.0 TONS
RUBBLE RIPRAP
(DITCH LINING)
SEE POND DETAIL
WB441-1-2

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

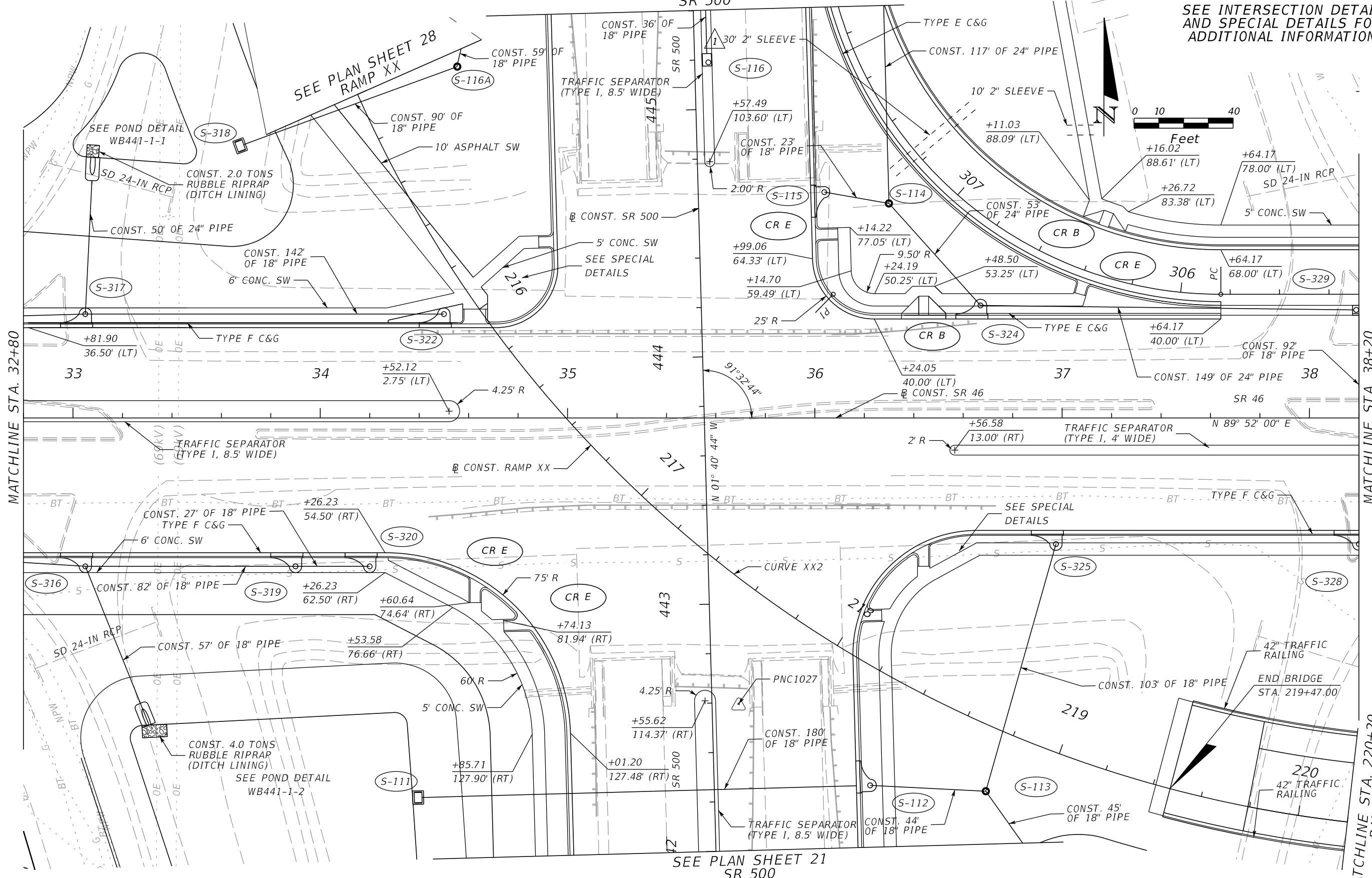
PLAN SHEET 3
SR 46

SHEET NO.
37

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SEE PLAN SHEET 22
SR 500

SEE INTERSECTION DETAIL
AND SPECIAL DETAILS FOR
ADDITIONAL INFORMATION



MATCHLINE STA. 32+80

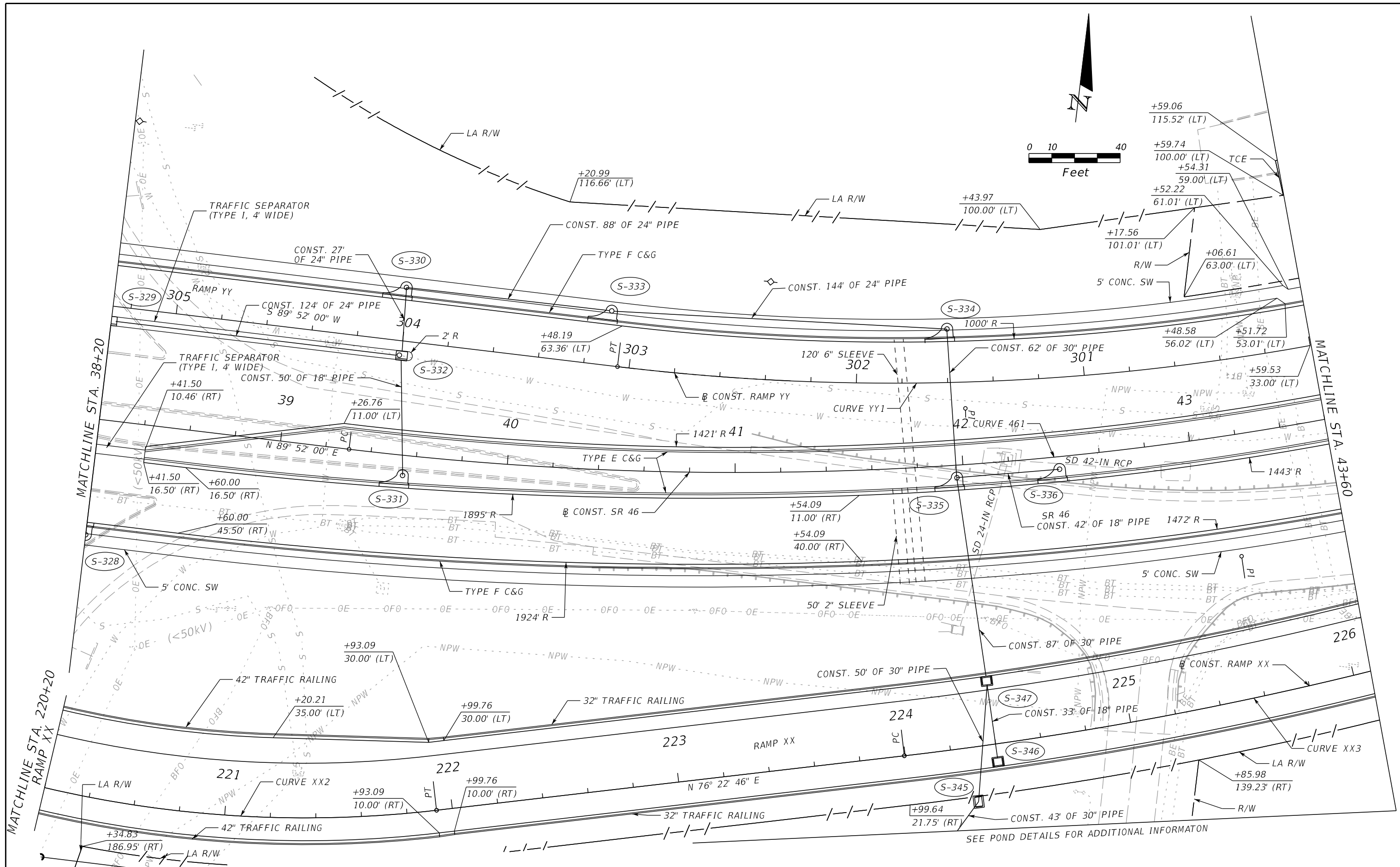
MATCHLINE STA. 38+20

MATCHLINE STA. 220+20
RAMP XX

SEE PLAN SHEET 21
SR 500

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 3 SR 46	SHEET NO. 37
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
05/17/17	JLC 1 ADDED IRRIGATION SLEEVE				SR 46	LAKE	238275-2-52-01		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

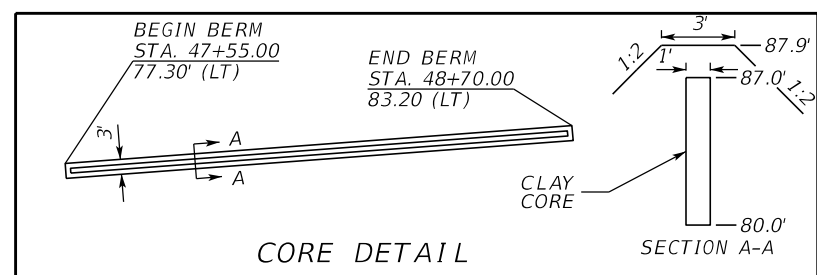
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

 ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

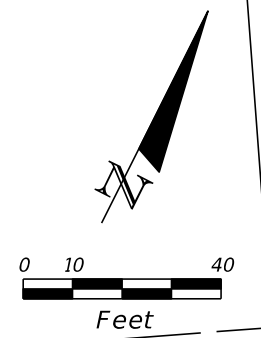
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 4		SHEET NO. 38
SR 46		

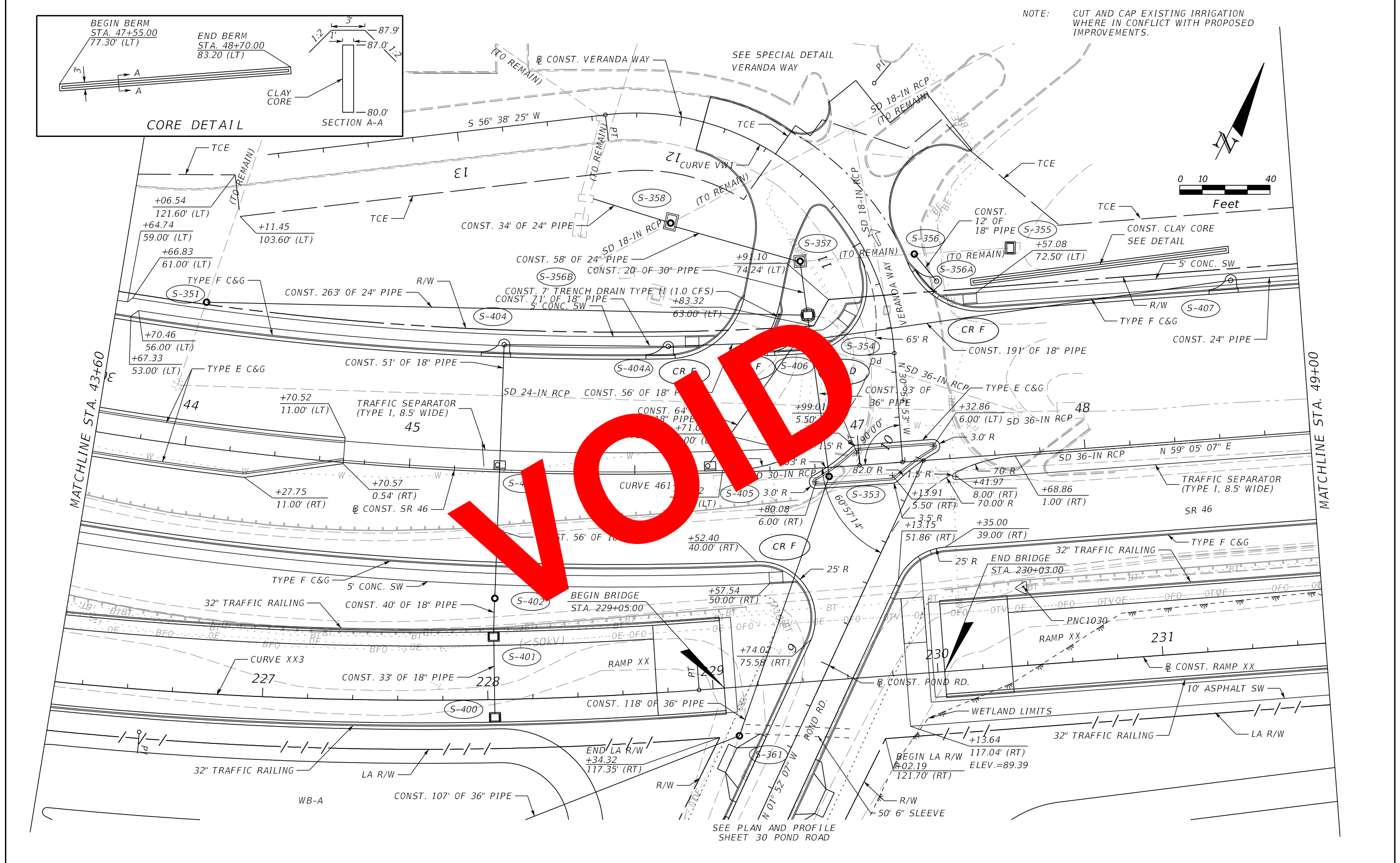
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NOTE: CUT AND CAP EXISTING IRRIGATION WHERE IN CONFLICT WITH PROPOSED IMPROVEMENTS.

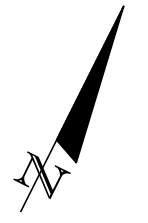
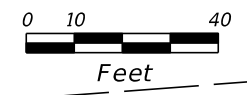
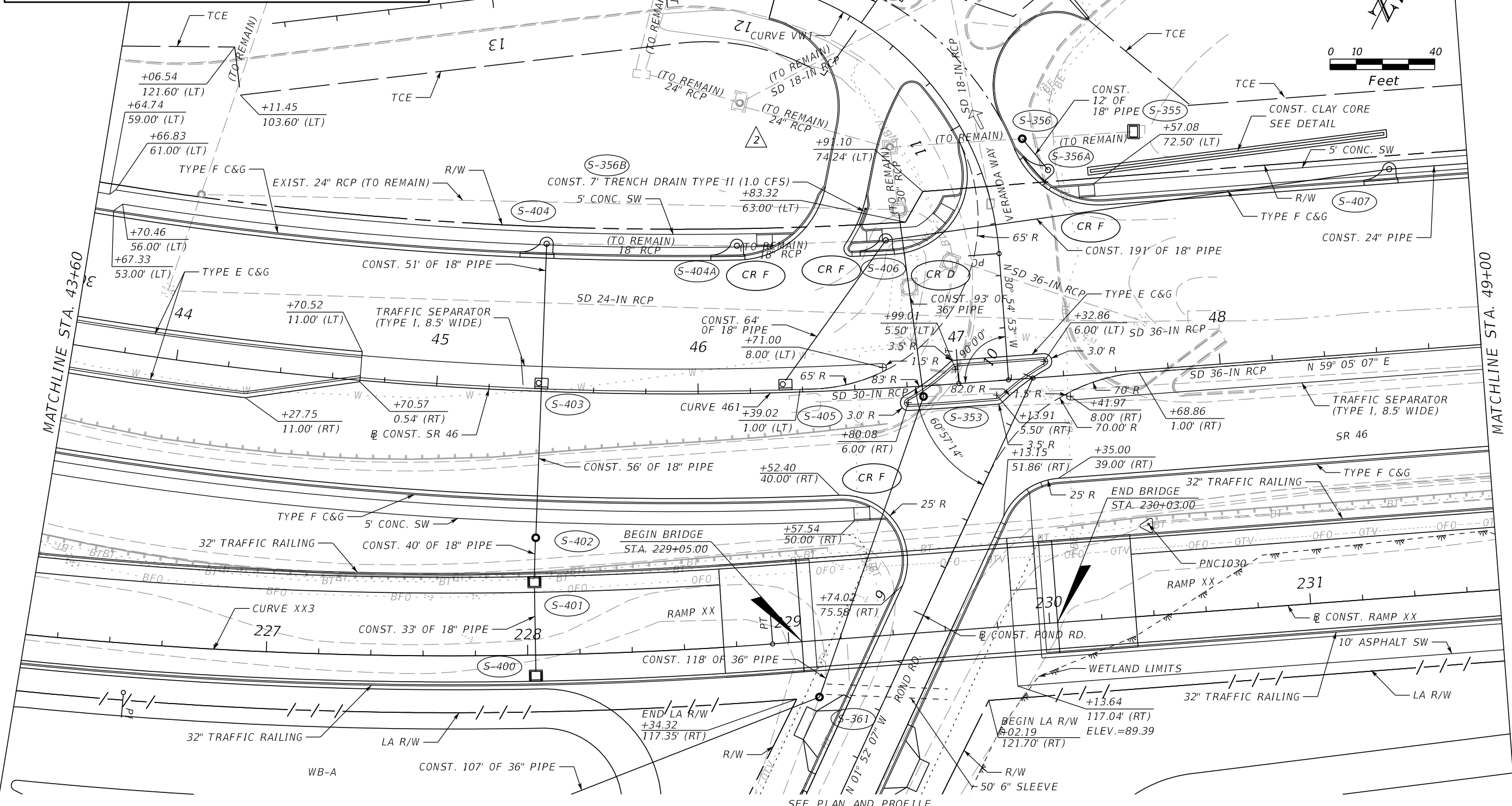
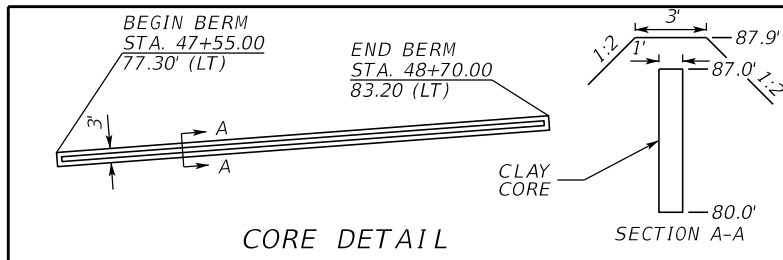


VOID



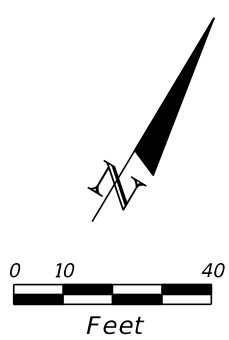
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 5 SR 46	SHEET NO. 39
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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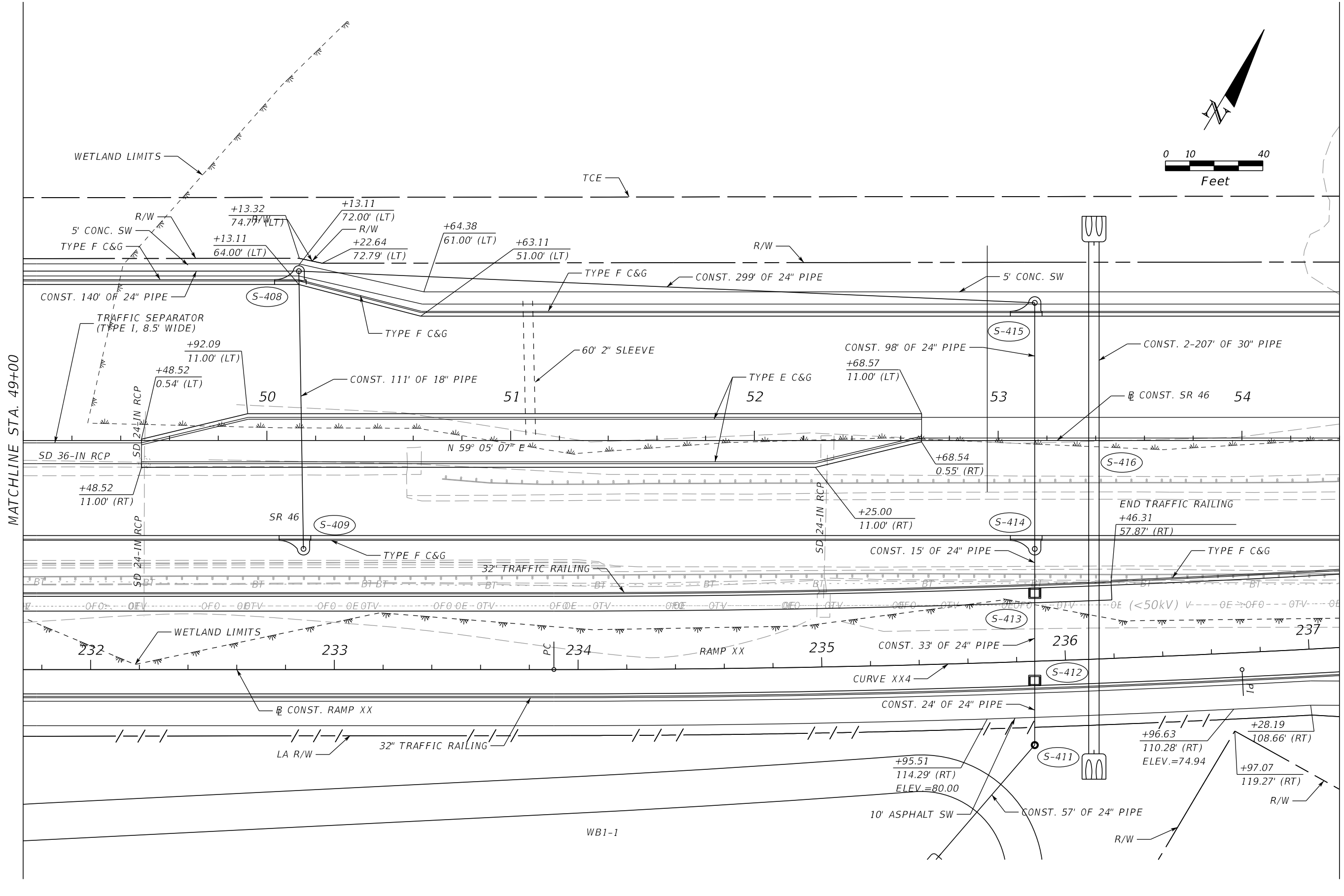
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 5 SR 46	SHEET NO. 39
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
5/26/17	JLC 2 EXISTING DRAINAGE CHANGES			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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MATCHLINE STA. 49+00

MATCHLINE STA. 54+40



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

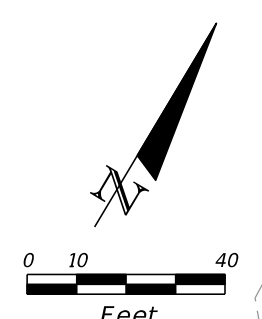
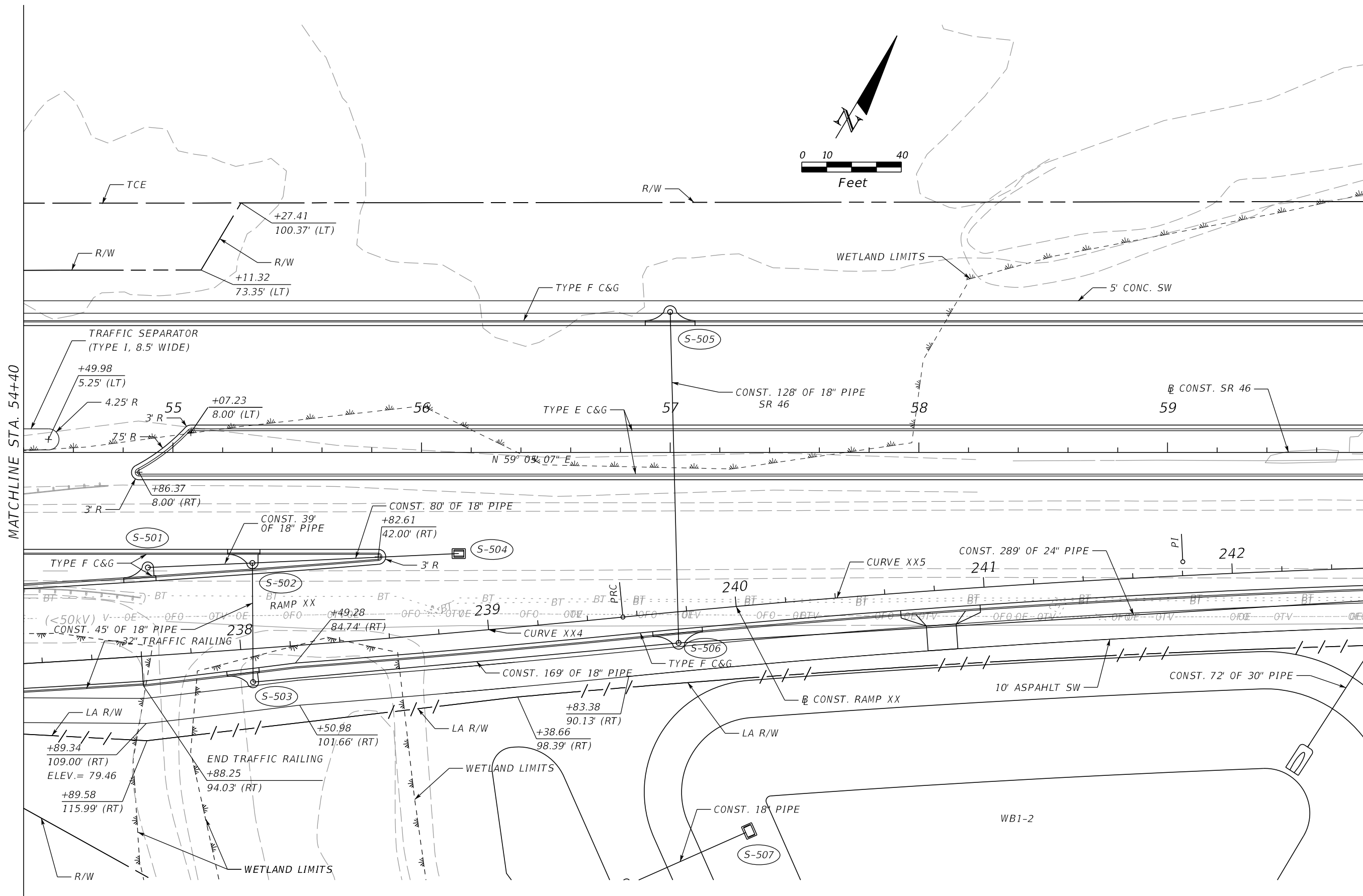
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 6
SR 46

SHEET NO.
40

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

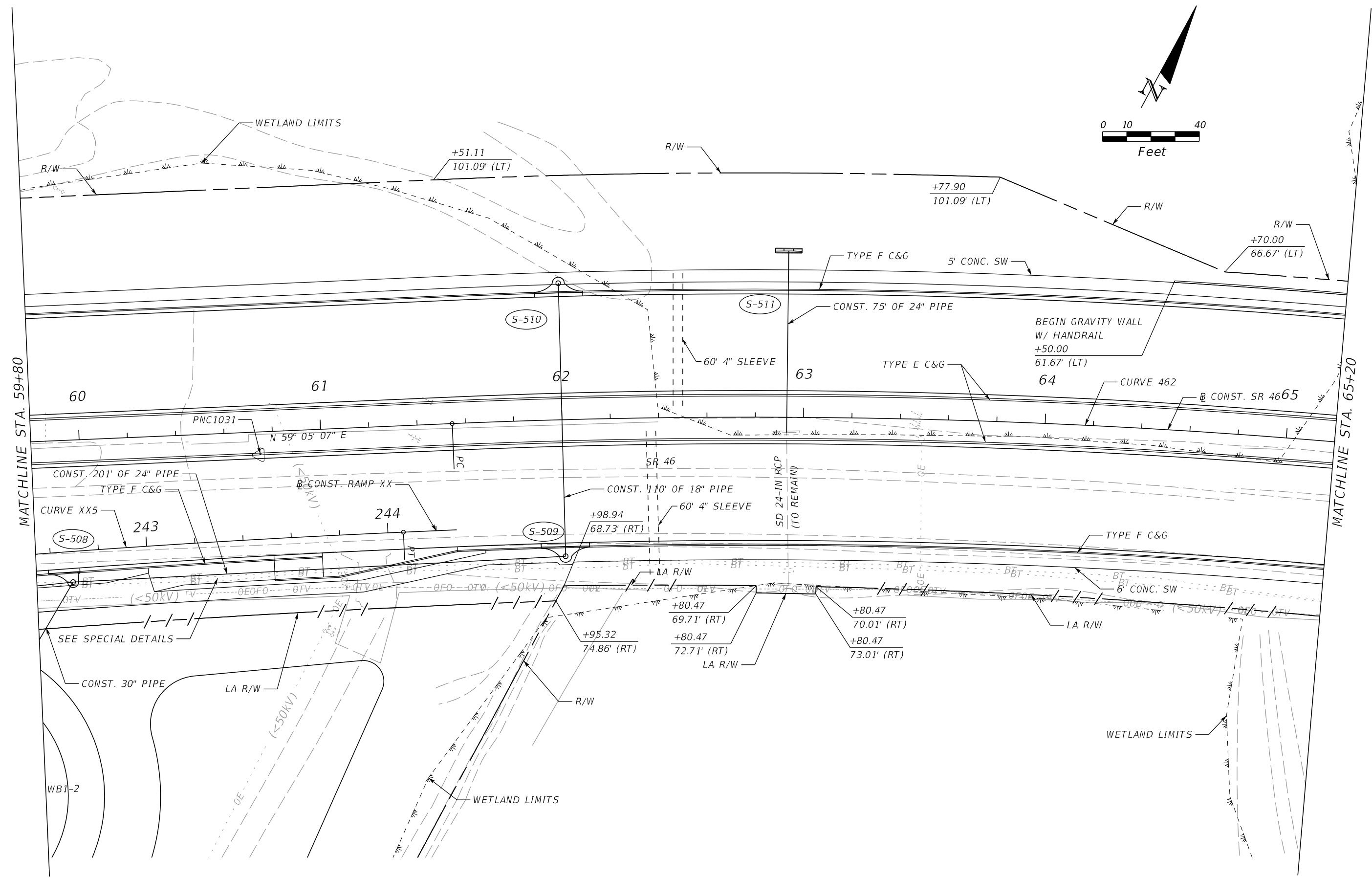
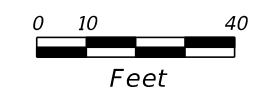
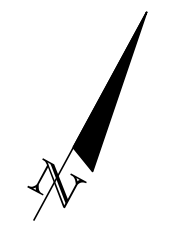


MATCHLINE STA. 54+40

MATCHLINE STA. 59+80

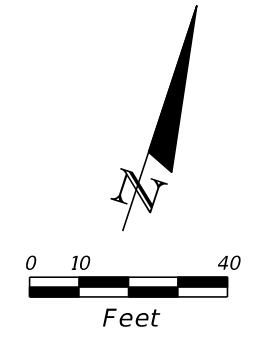
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 7 SR 46	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		41

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

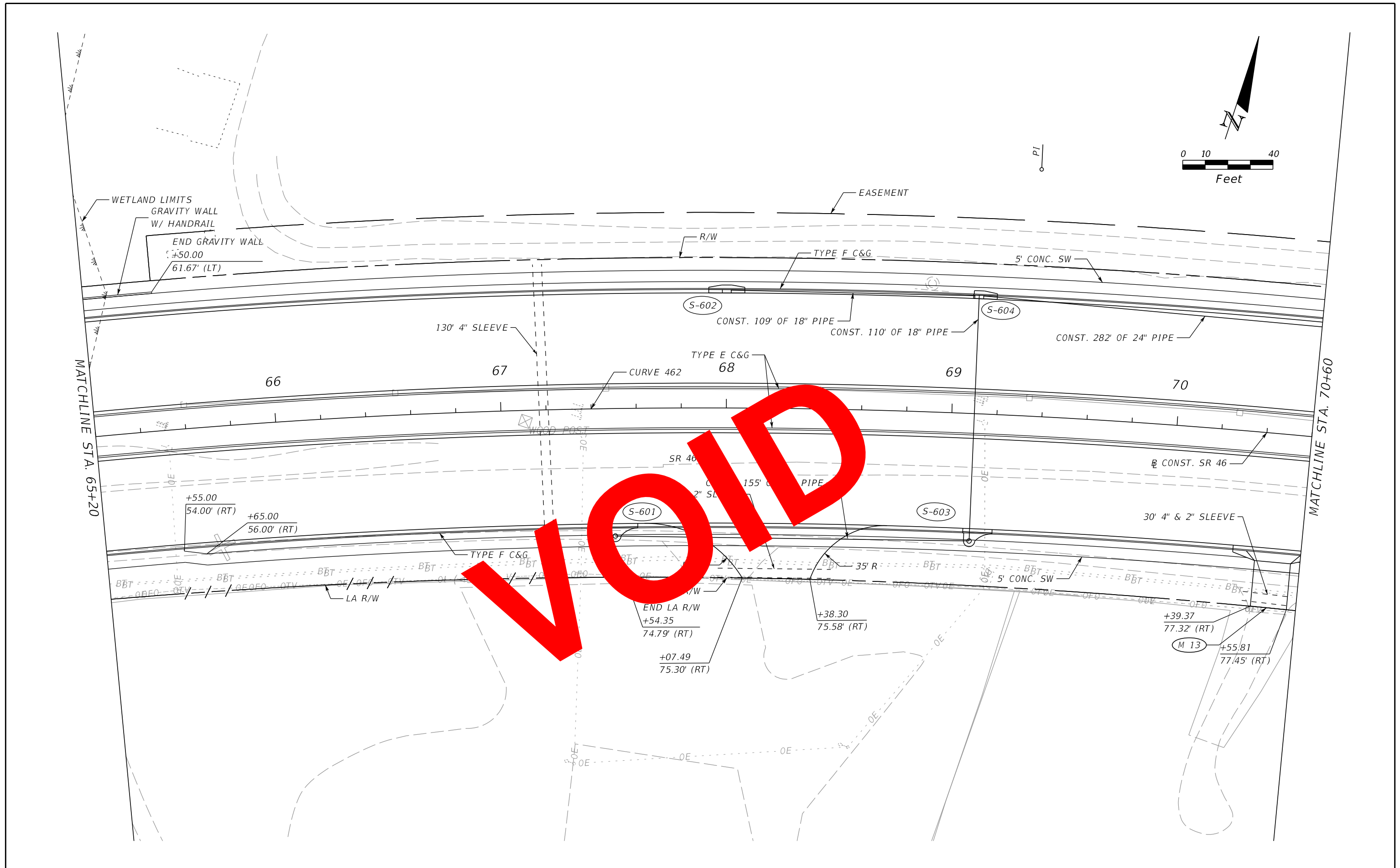


REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 8 SR 46	SHEET NO. 42
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

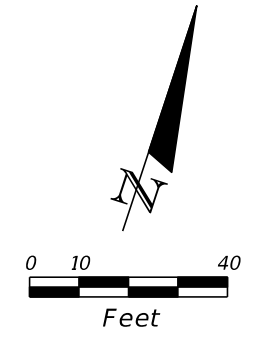
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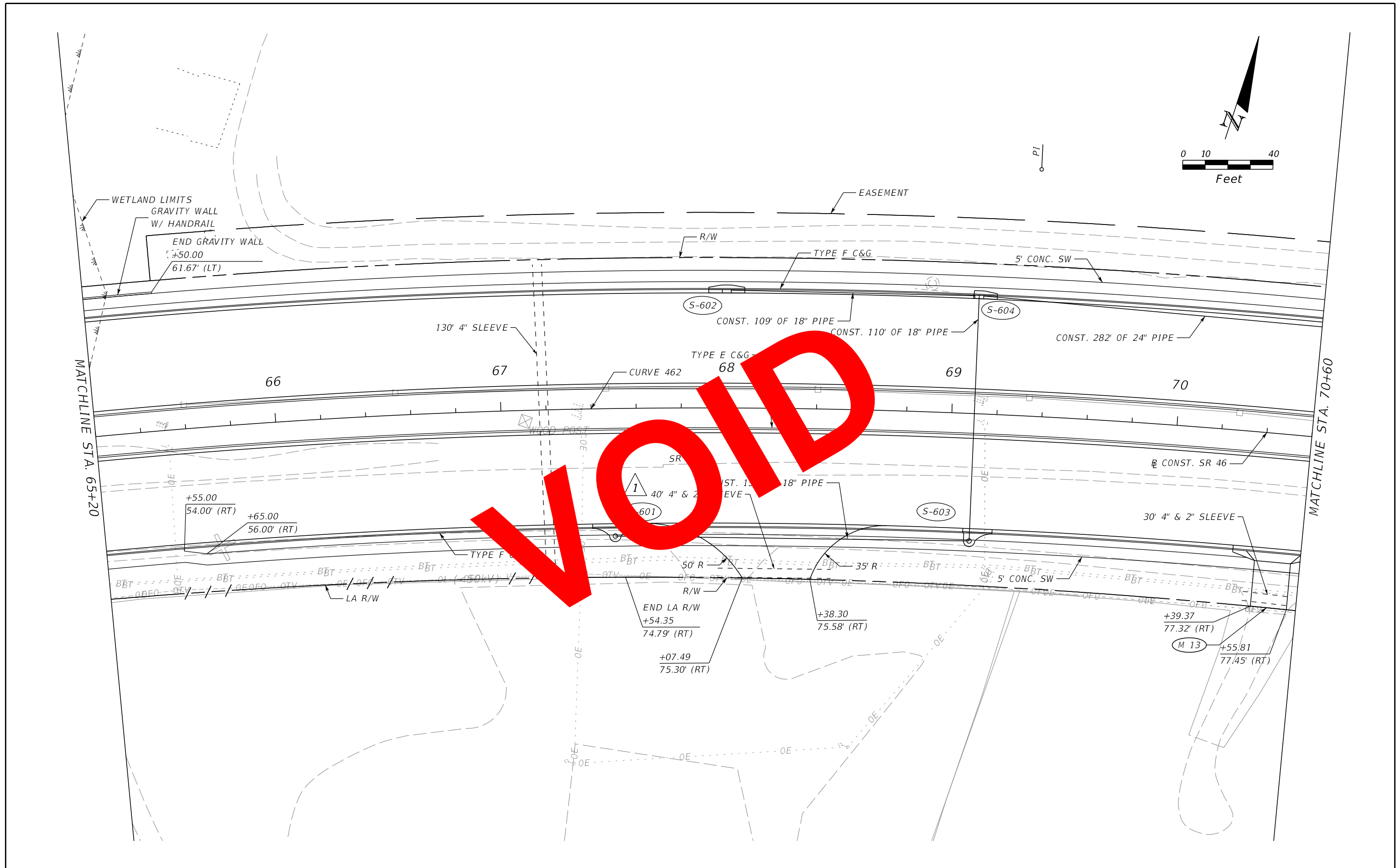
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

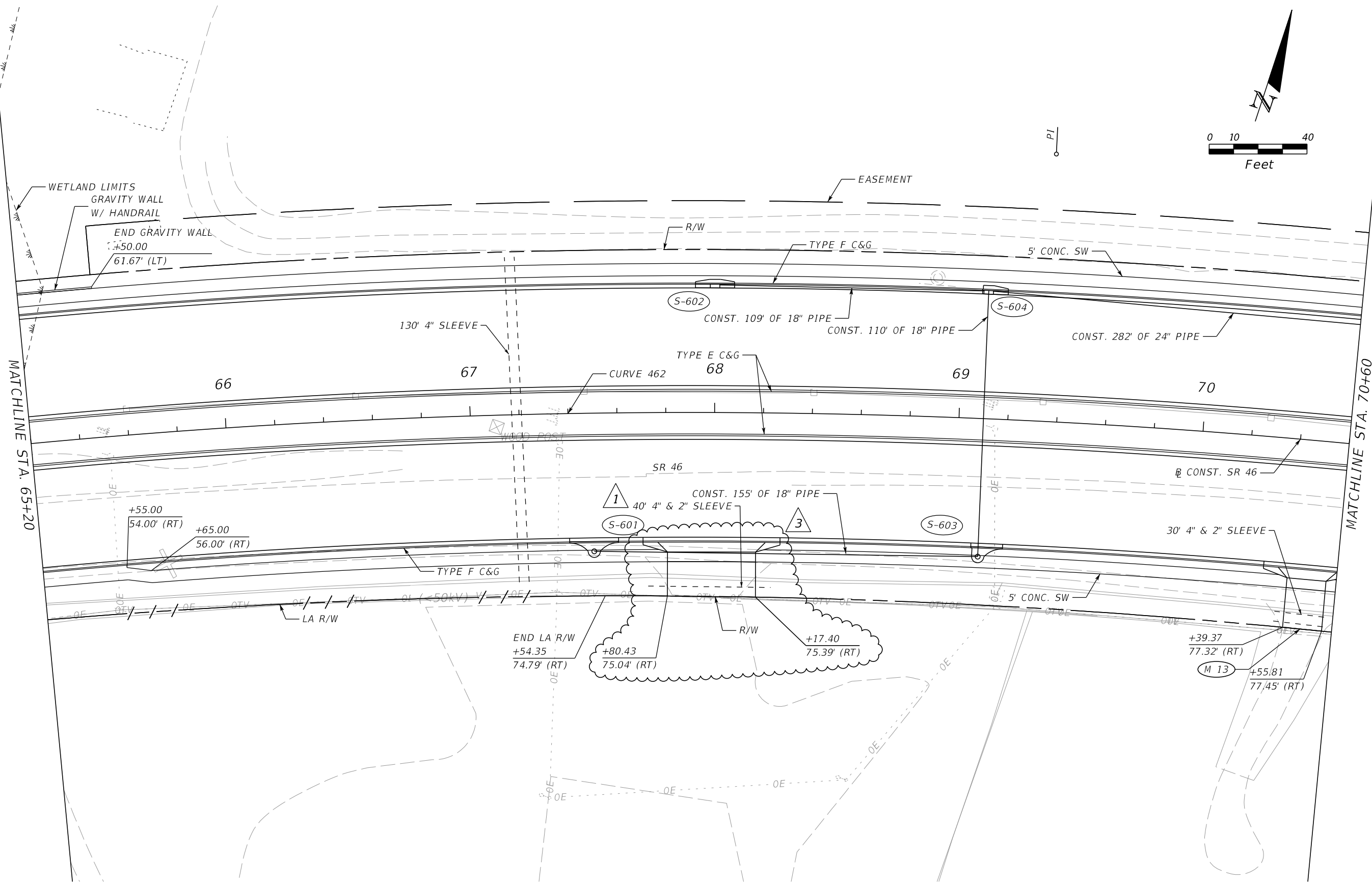
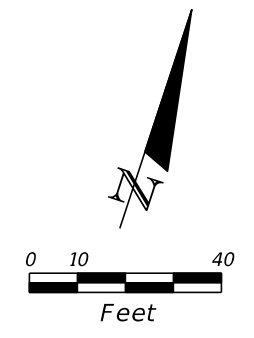


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DATE		REVISIONS		DESCRIPTION	MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
05/17/17	JLC 1			MODIFIED IRRIGATION SLEEVE LENGTH	ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	PLAN SHEET 9 SR 46

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
05/17/17	JLC 1 MODIFIED IRRIGATION SLEEVE LENGTH	08/11/17	SAS 3 ADDED DRIVEWAY STA. 68+00 RT.

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

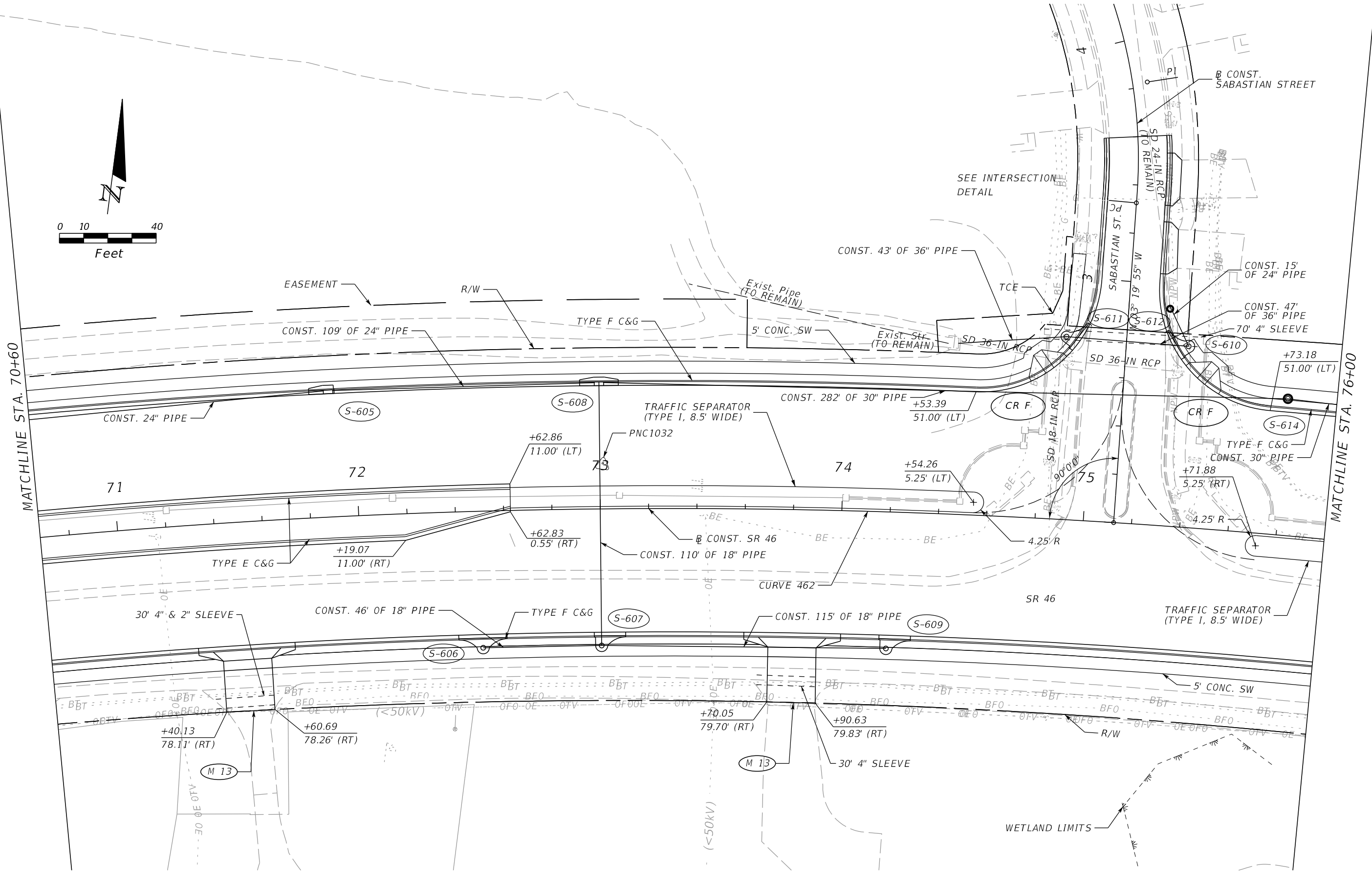
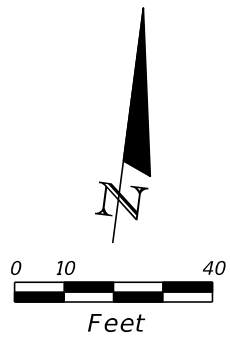
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 9
SR 46

SHEET NO.
43

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

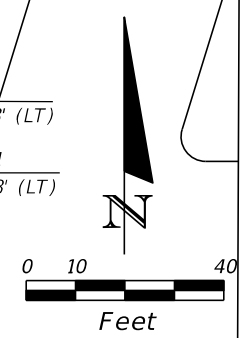
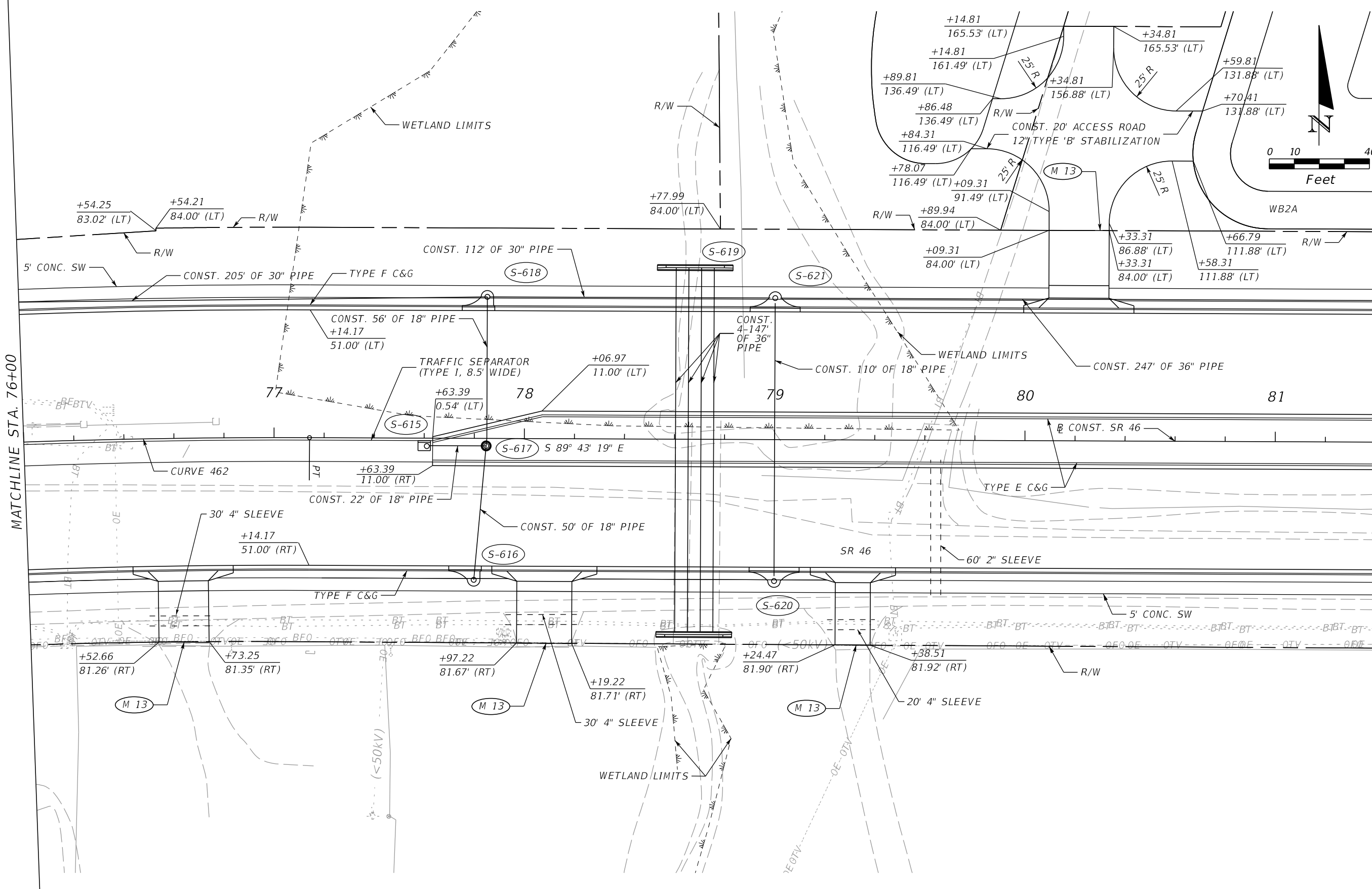
PLAN SHEET 10
SR 46

SHEET NO.
44

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MATCHLINE STA. 76+00

MATCHLINE STA. 81+40



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

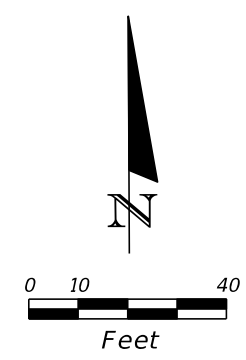
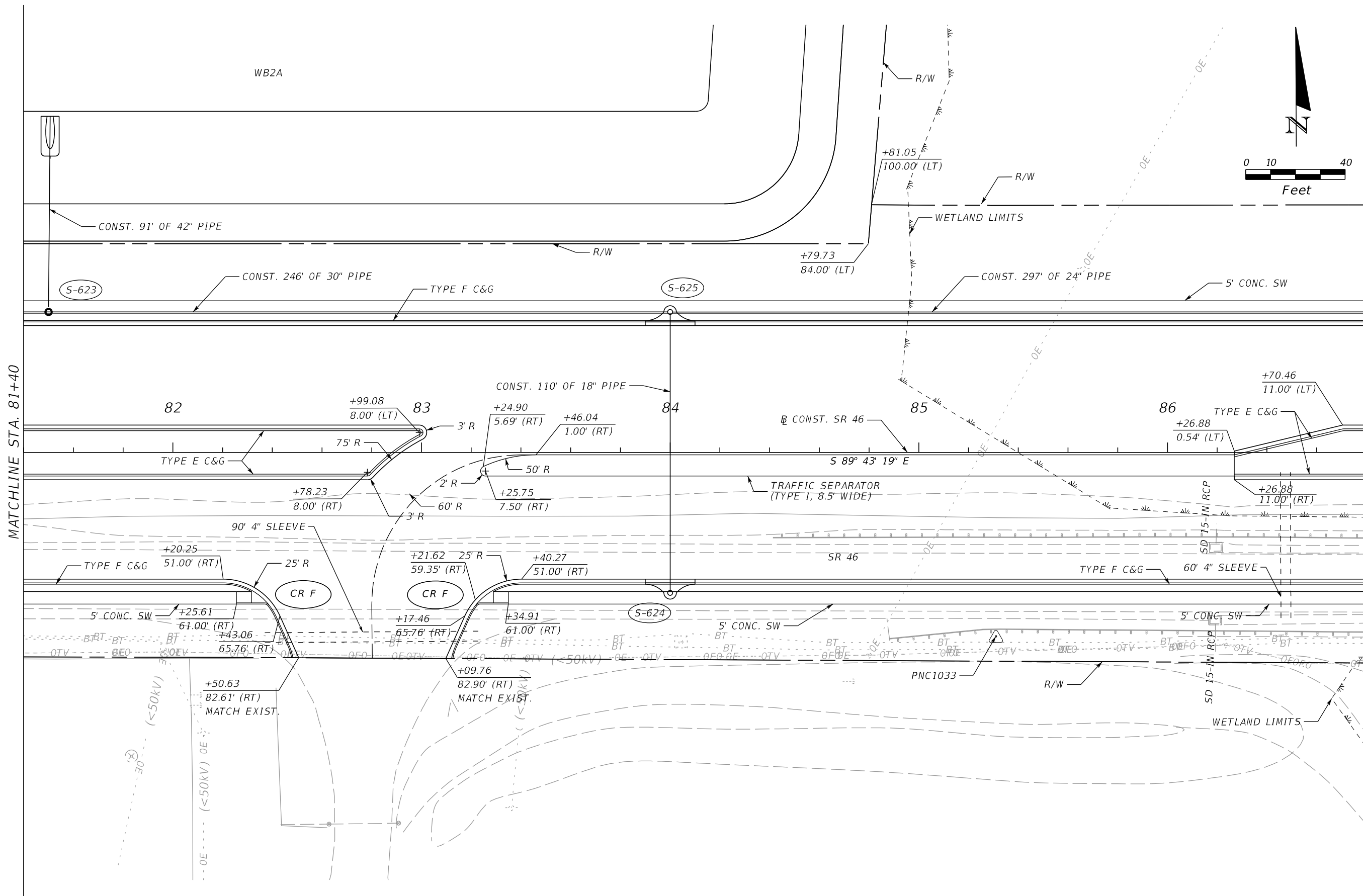
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 11
SR 46

SHEET NO. 45

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. 81+40

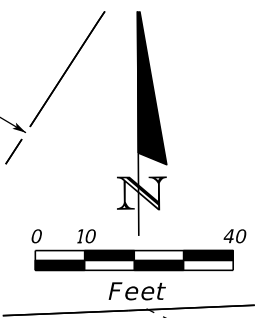
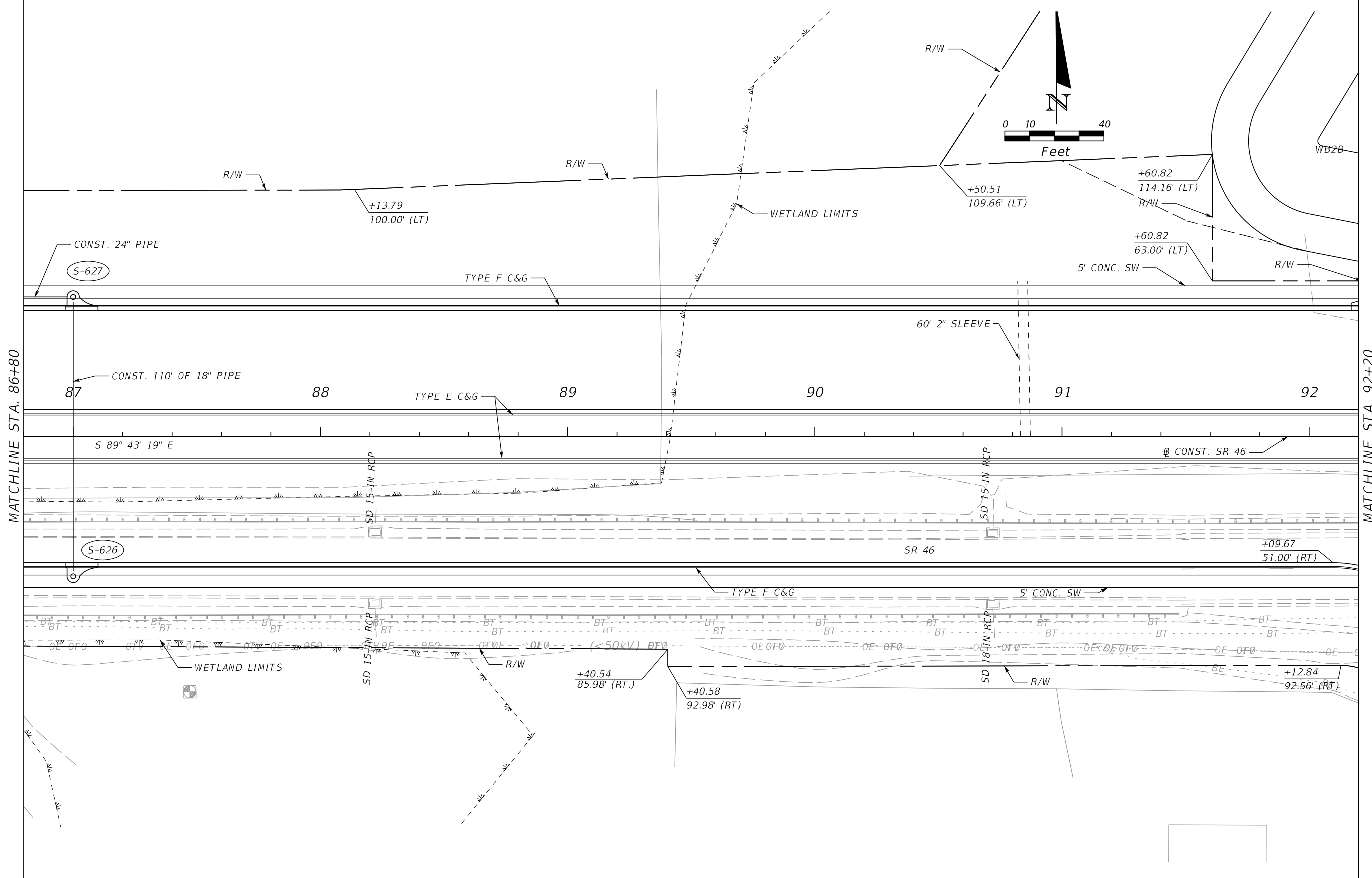
MATCHLINE STA. 86+80

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 12 SR 46	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		46

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. 86+80

MATCHLINE STA. 92+20



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

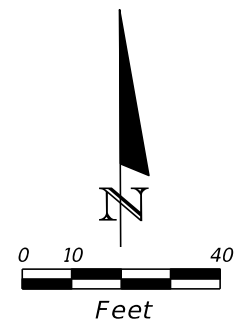
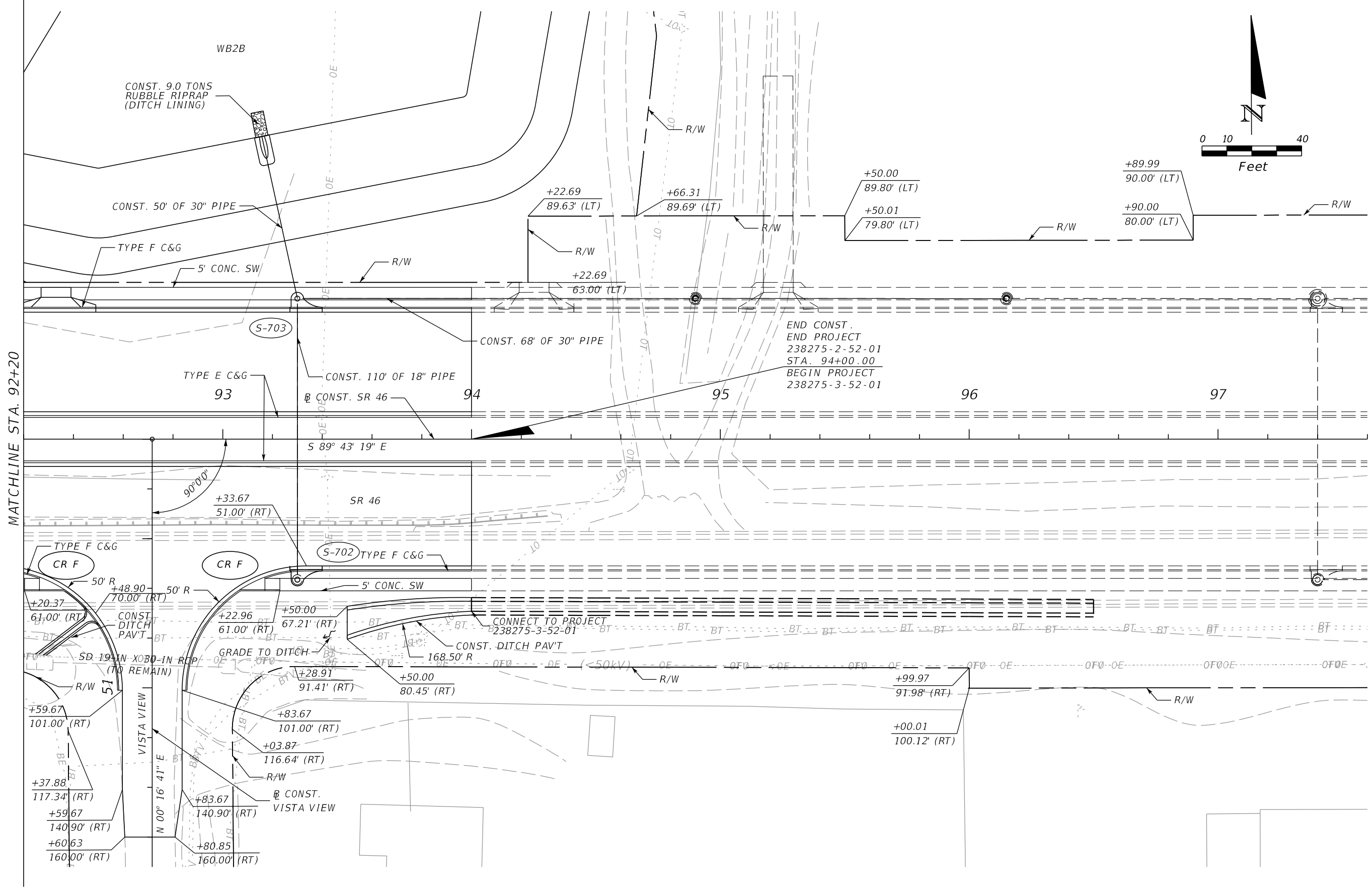
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 13
SR 46

SHEET NO.
47

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

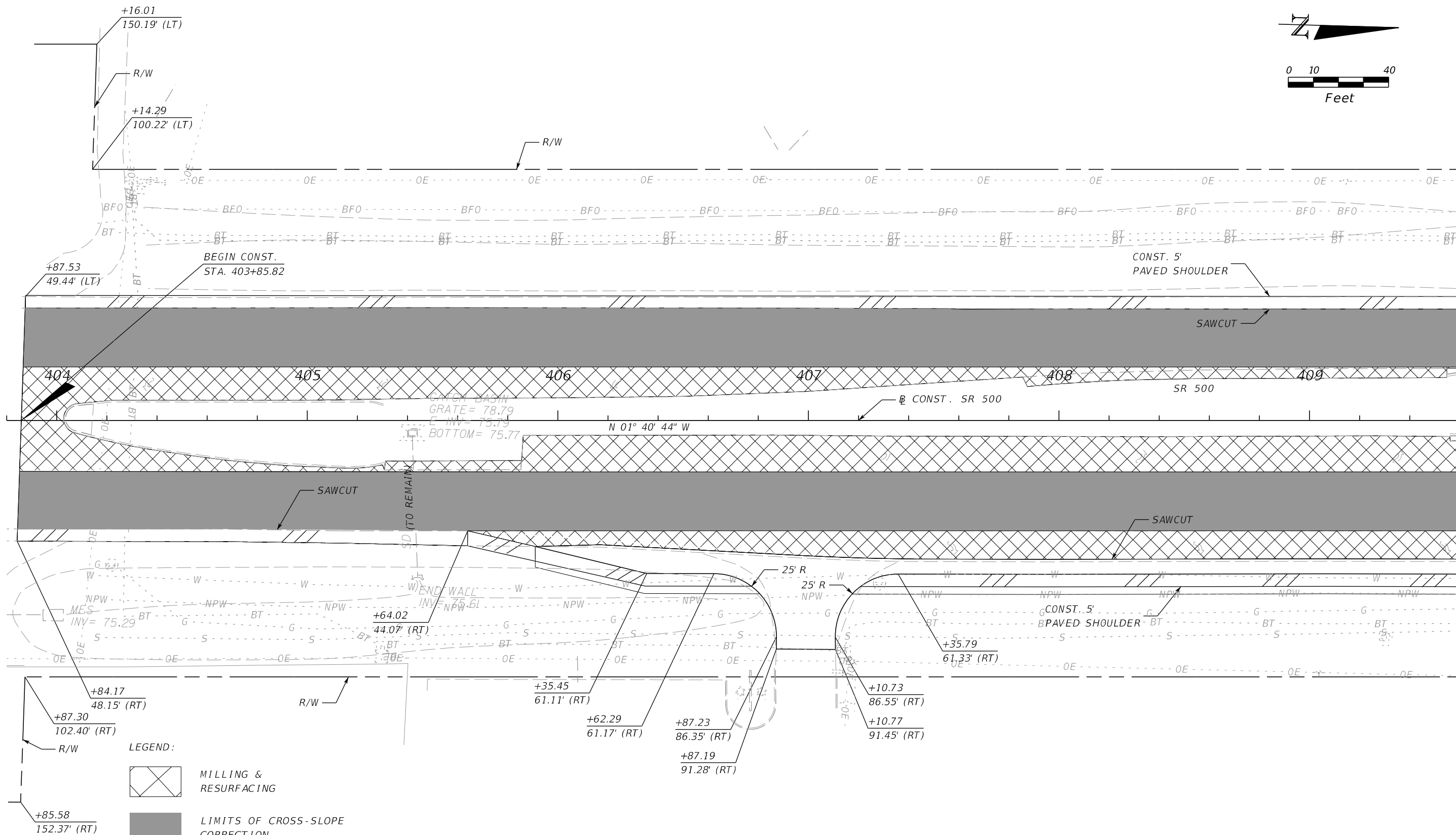
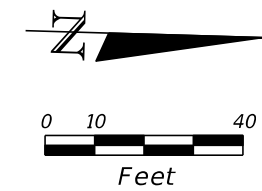
MATCHLINE STA. 92+20



END CONST.
END PROJECT
238275-2-52-01
STA. 94+00.00
BEGIN PROJECT
238275-3-52-01

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 14 SR 46	SHEET NO. 48
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. 409+60

LEGEND:

MILLING & RESURFACING

LIMITS OF CROSS-SLOPE CORRECTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

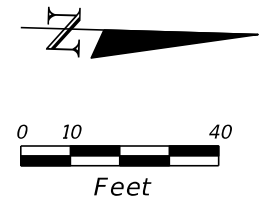
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 15
SR 500

SHEET NO.
49

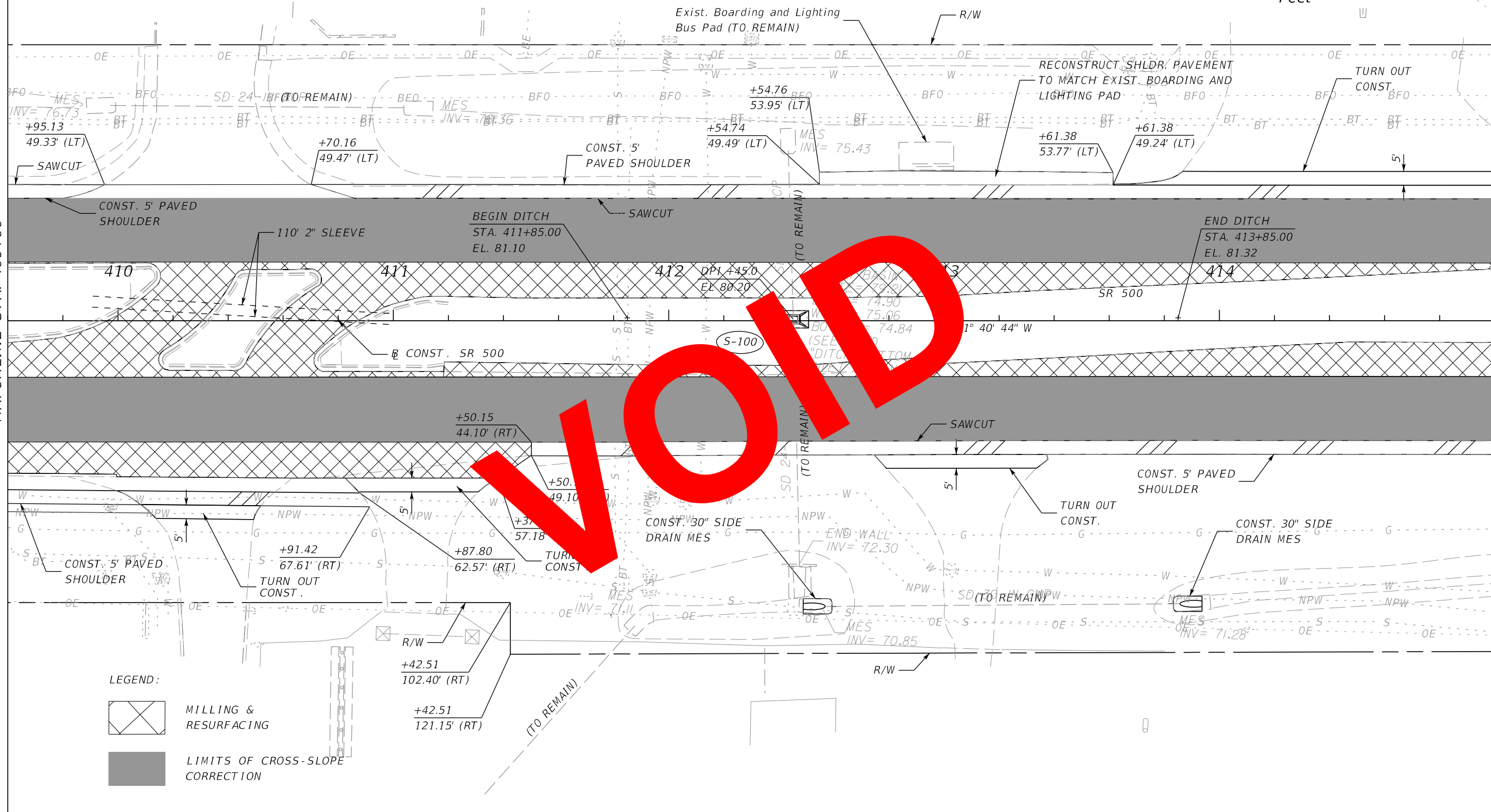
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. 409+60

MATCHLINE STA. 415+00

VOID



- LEGEND:**
- MILLING & RESURFACING
 - LIMITS OF CROSS-SLOPE CORRECTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

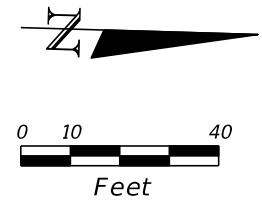
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 16

SR 500

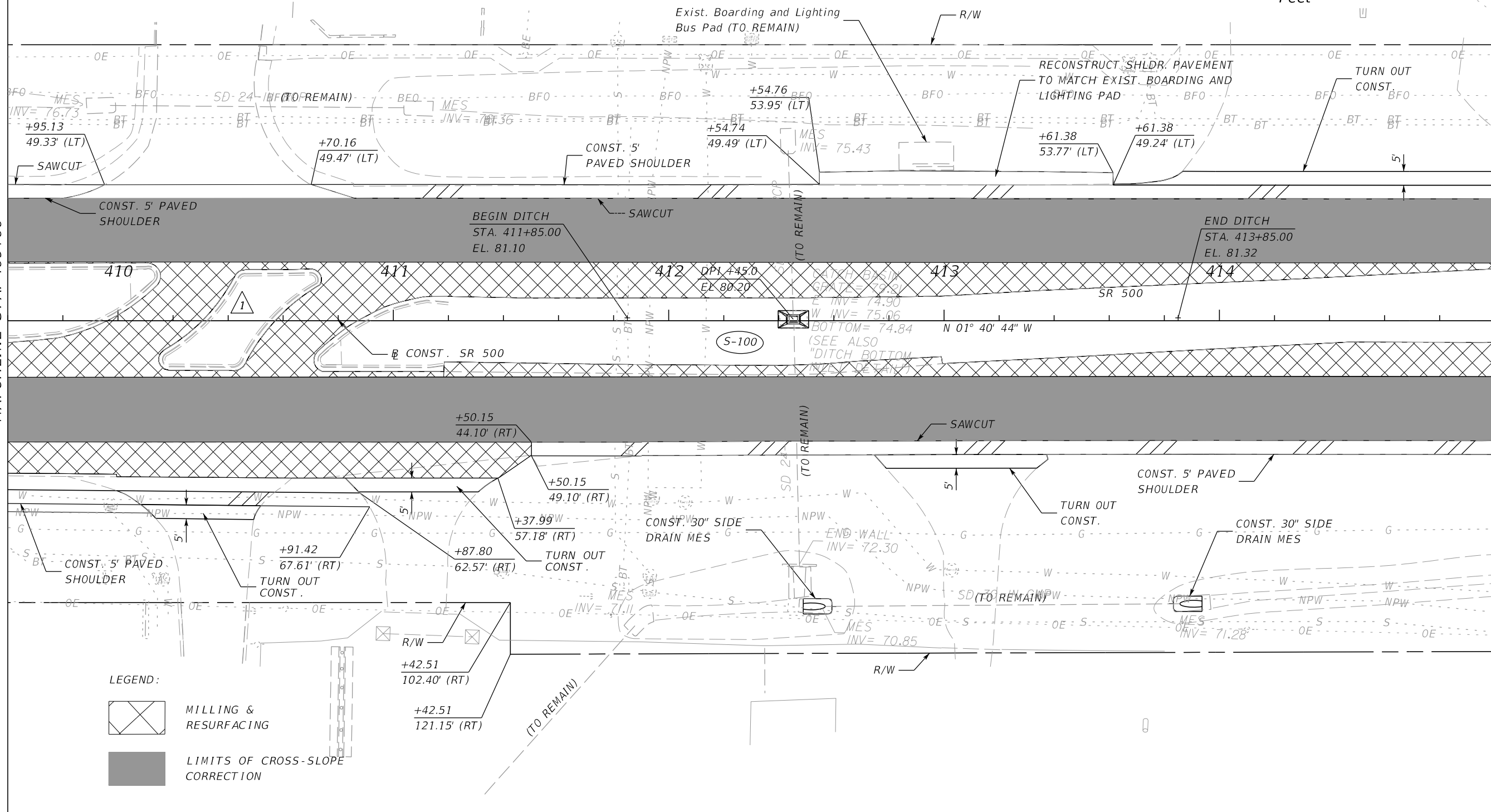
SHEET NO.
50

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MATCHLINE STA. 409+60

MATCHLINE STA. 415+00



LEGEND:

- MILLING & RESURFACING
- LIMITS OF CROSS-SLOPE CORRECTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
05/17/17	JLC 1 REMOVED IRRIGATION SLEEVE		

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

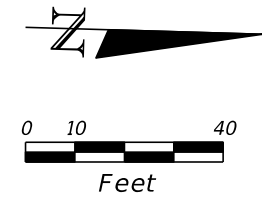
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 16

SR 500

SHEET NO.
50

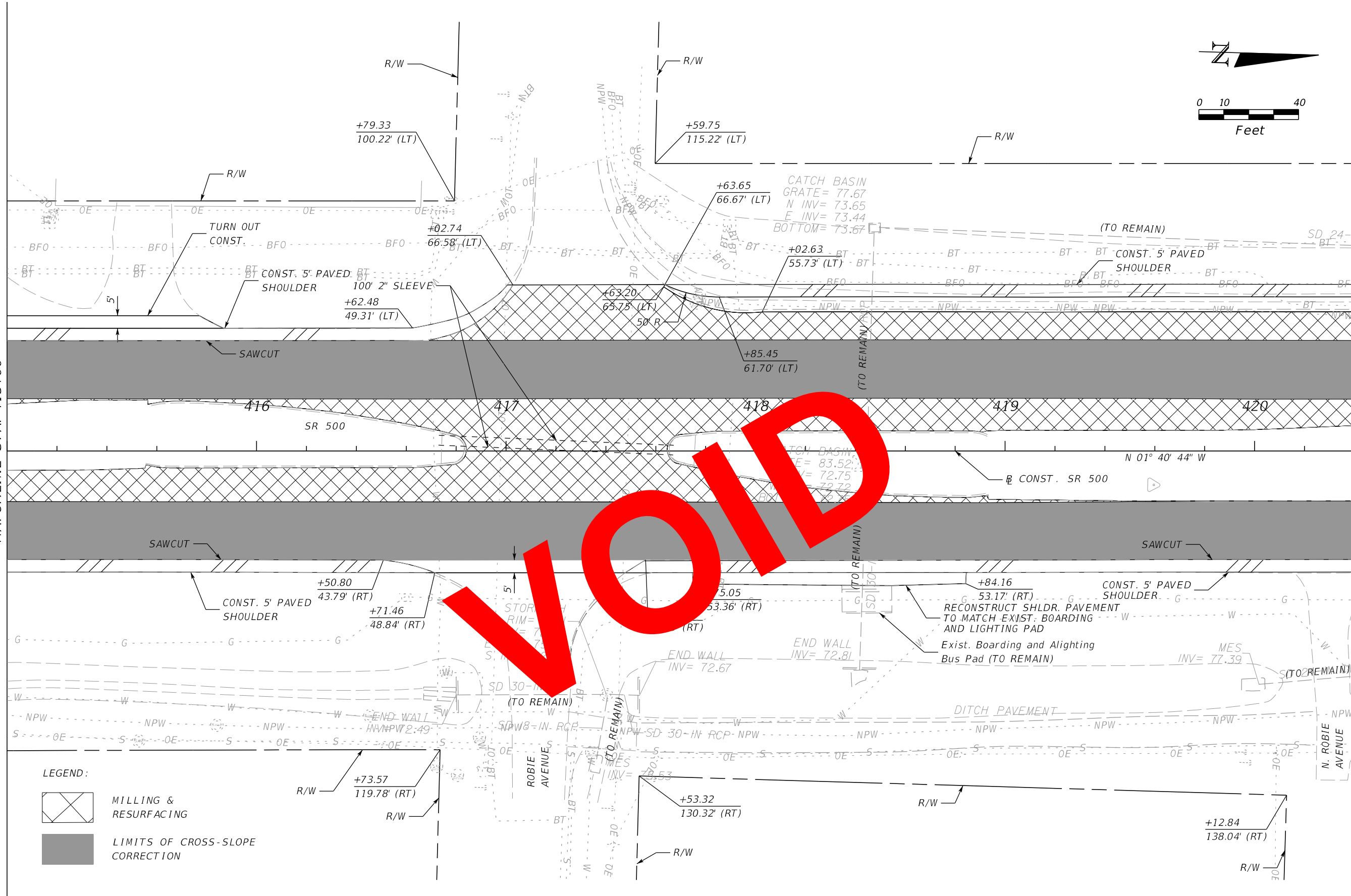
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. 415+00

MATCHLINE STA. 420+40

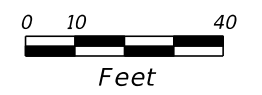
VOID



- LEGEND:**
- MILLING & RESURFACING
 - LIMITS OF CROSS-SLOPE CORRECTION

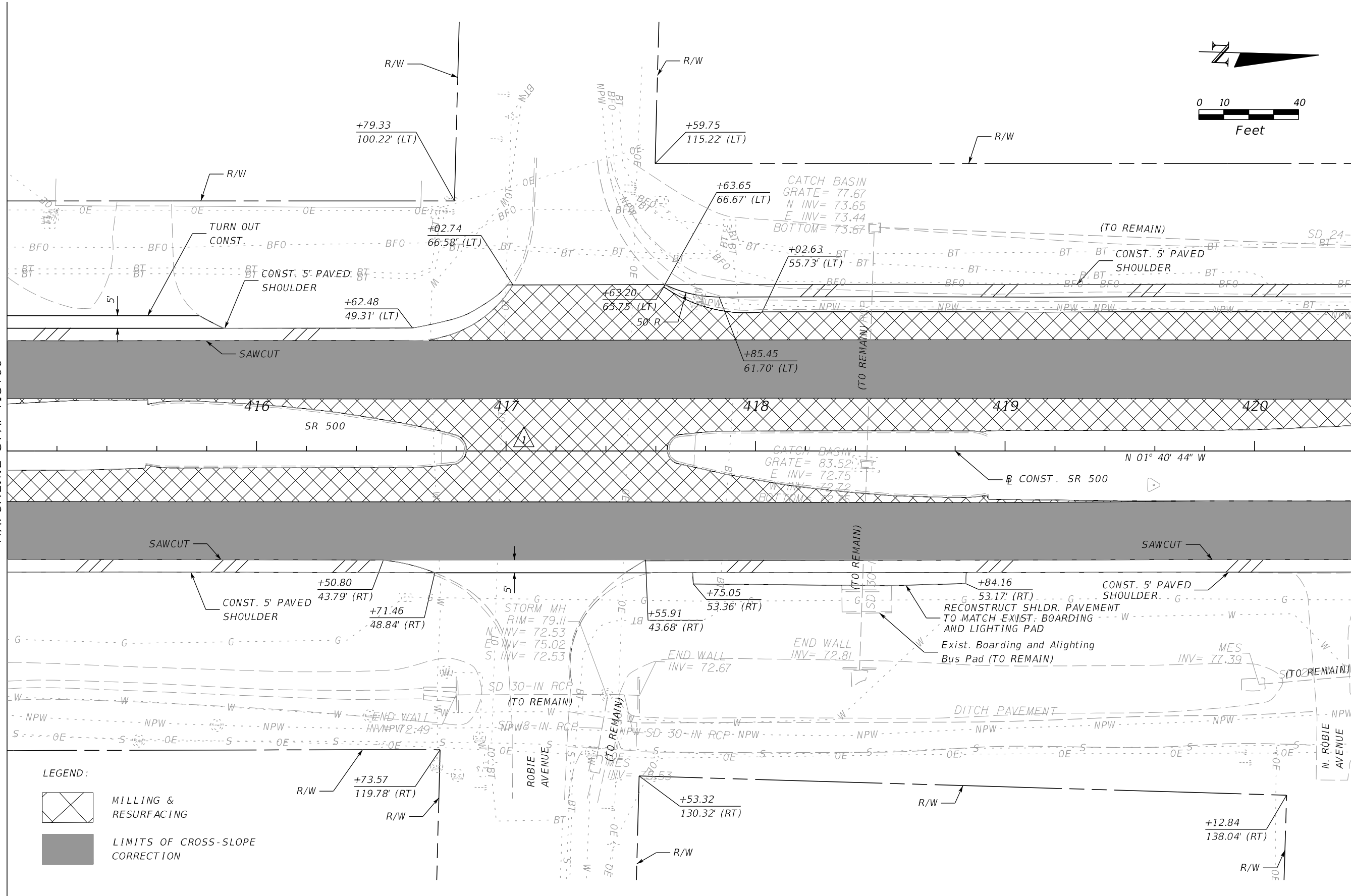
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 17 SR 500	SHEET NO. 51
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. 415+00

MATCHLINE STA. 420+40



LEGEND:

- MILLING & RESURFACING
- LIMITS OF CROSS-SLOPE CORRECTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
05/17/17	JLC REMOVED IRRIGATION SLEEVE		

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

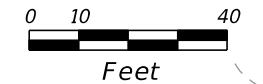
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 17

SR 500

SHEET NO.
51

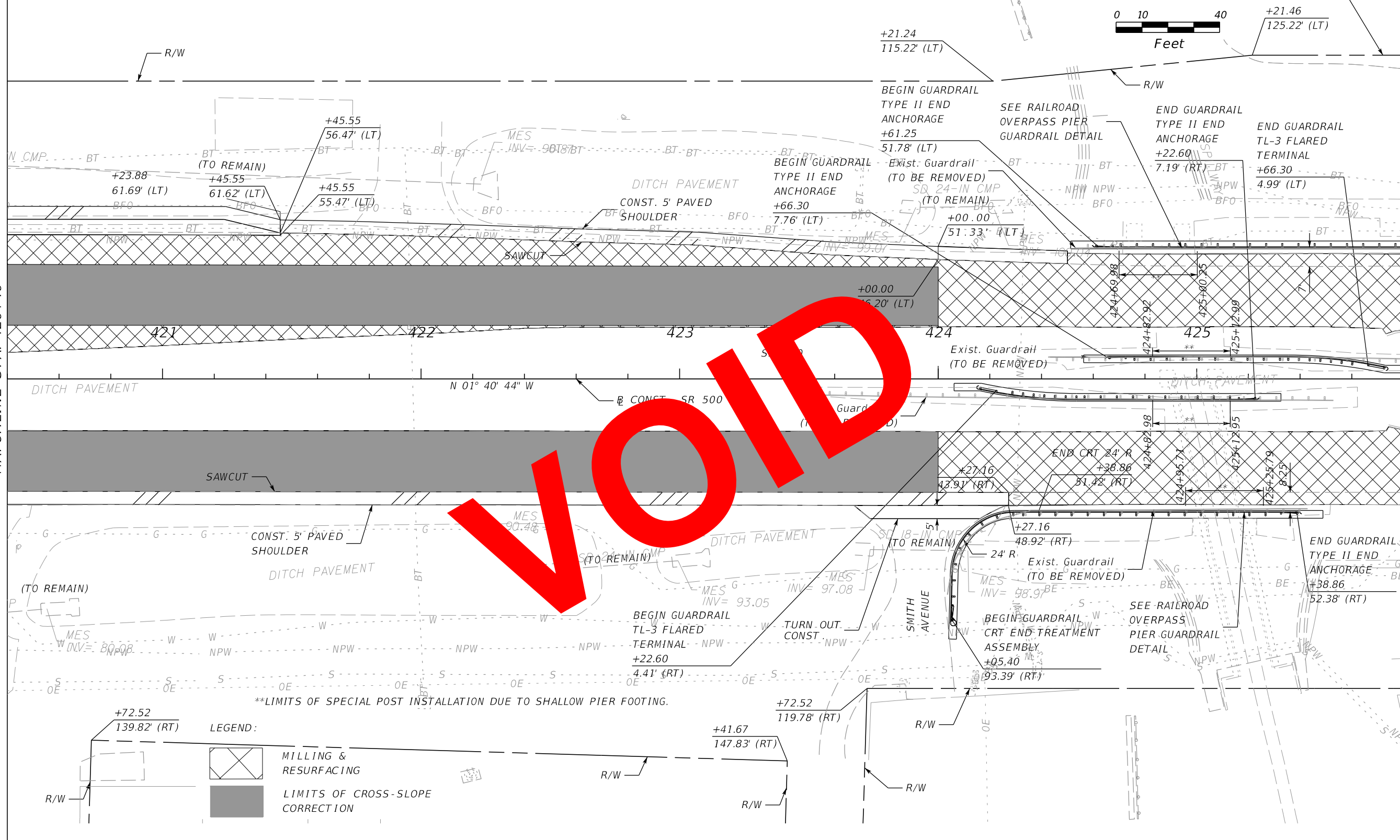
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. 420+40

MATCHLINE STA. 425+80

VOID



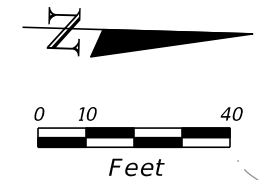
LEGEND:

- MILLING & RESURFACING
- LIMITS OF CROSS-SLOPE CORRECTION

****LIMITS OF SPECIAL POST INSTALLATION DUE TO SHALLOW PIER FOOTING.**

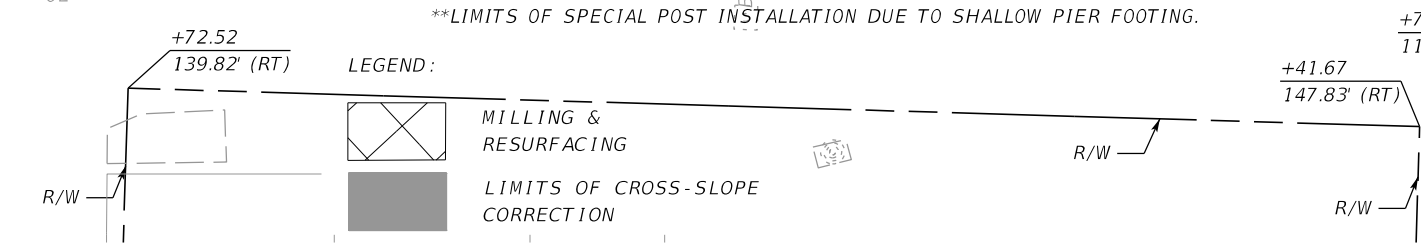
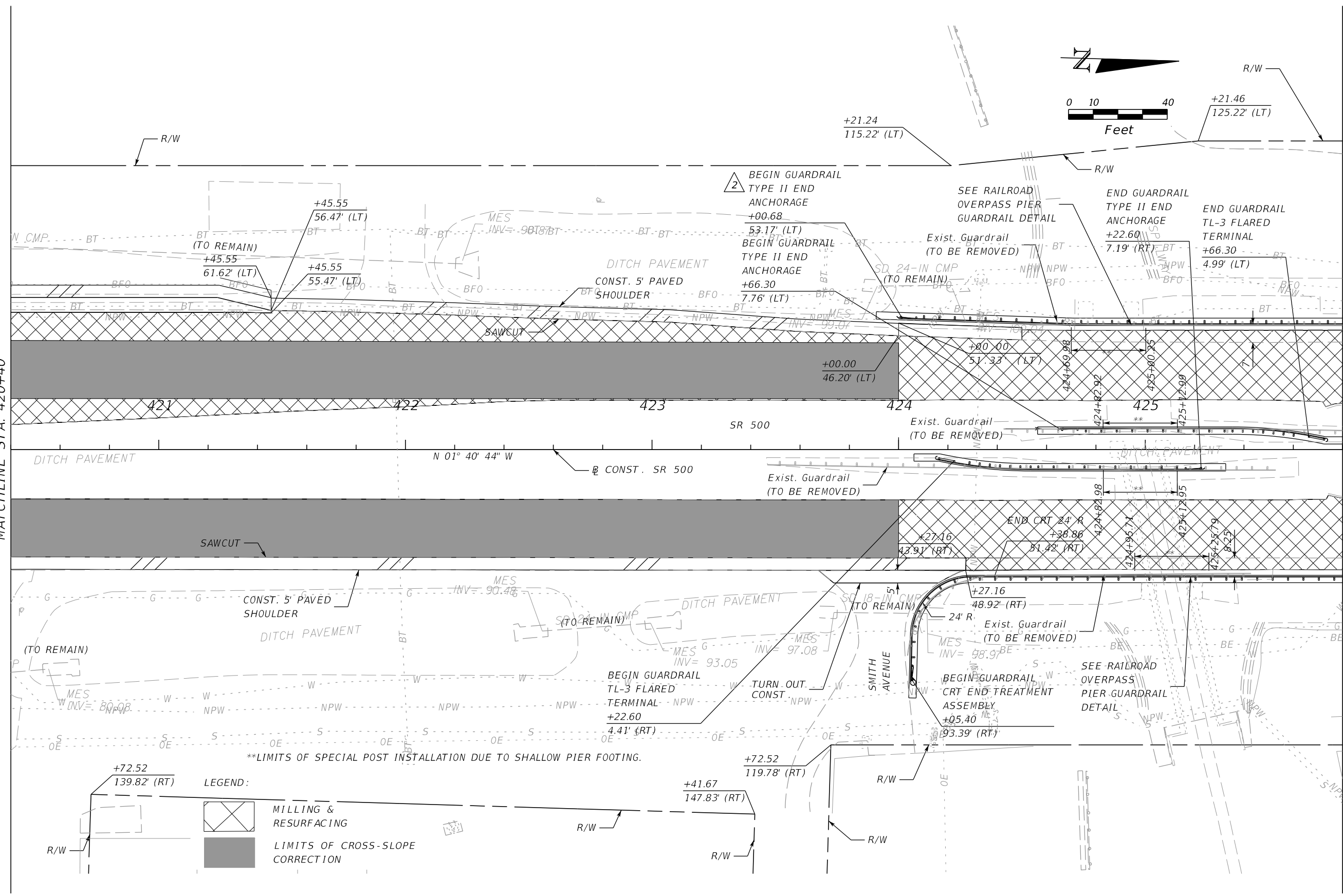
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 18 SR 500	SHEET NO. 52
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



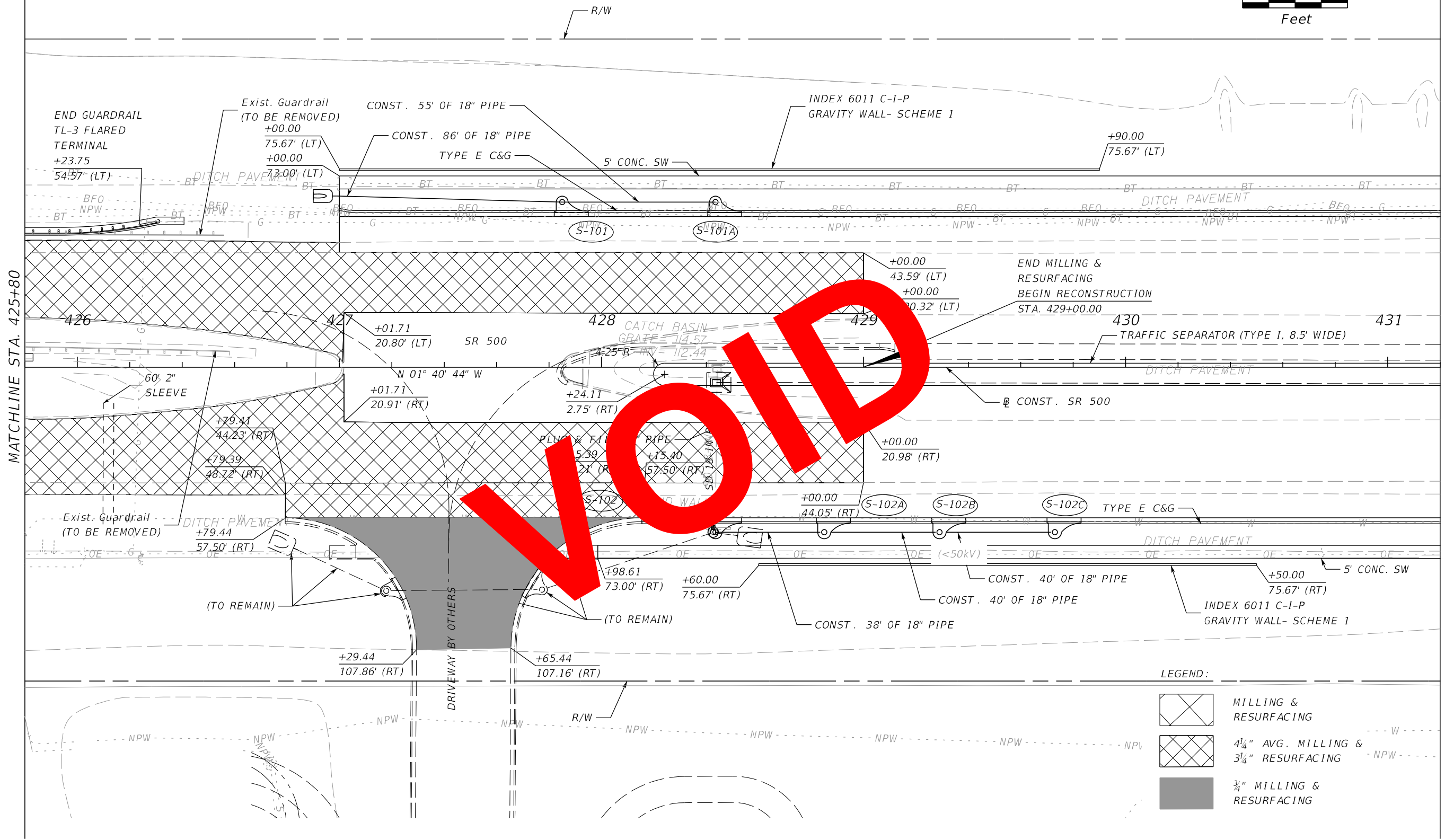
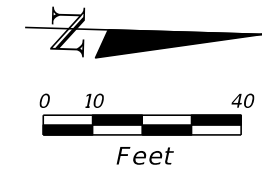
MATCHLINE STA. 420+40

MATCHLINE STA. 425+80



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 18 SR 500	SHEET NO. 52
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
5/26/17	JLC Δ 2 REVISED GUARDRAIL STATIONING			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

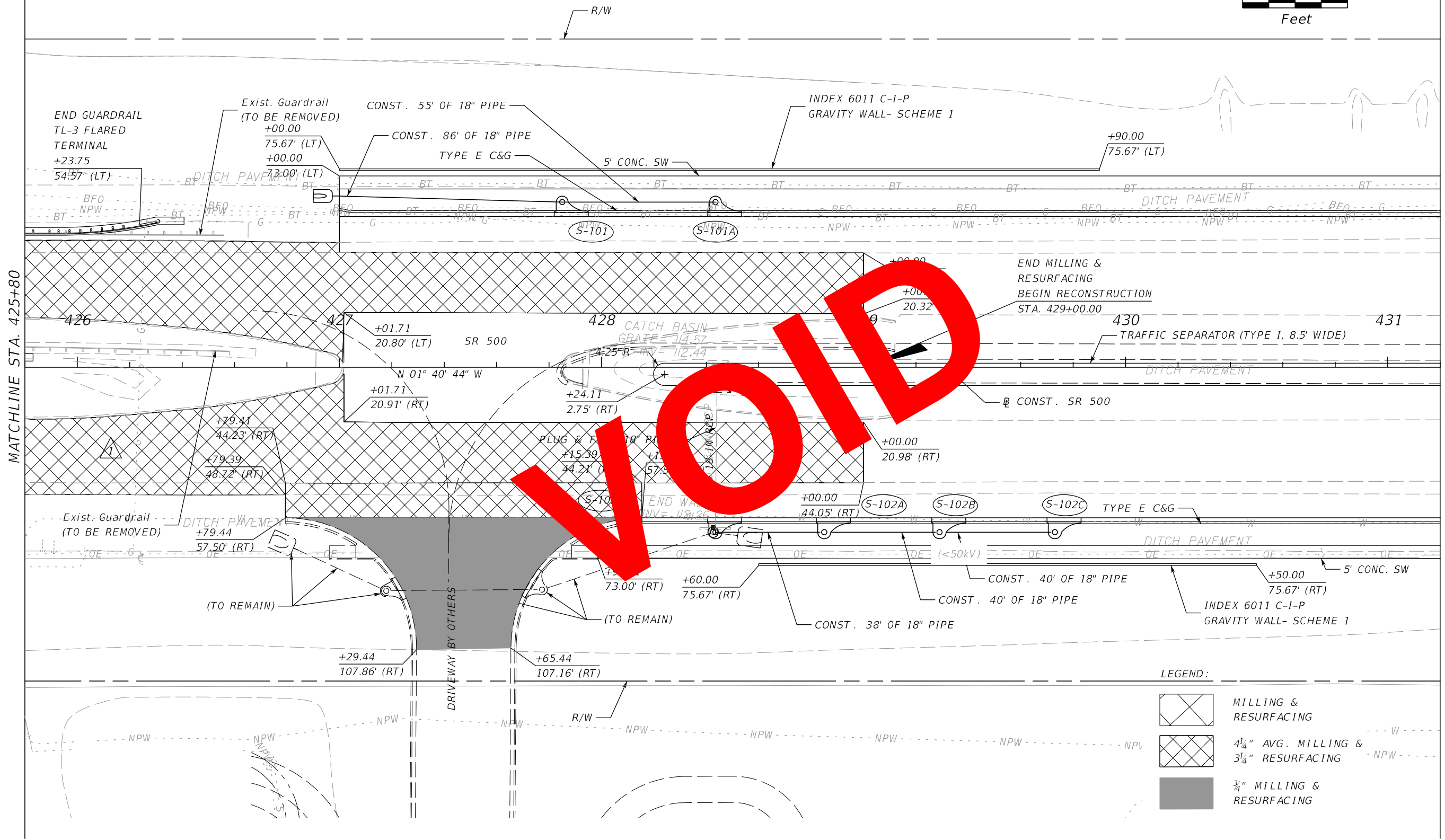
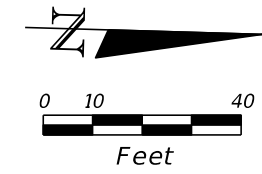


LEGEND:

	MILLING & RESURFACING
	4 1/4" AVG. MILLING & 3 1/4" RESURFACING
	3/4" MILLING & RESURFACING

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 19 SR 500	SHEET NO. 53
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND:

	MILLING & RESURFACING
	4 1/4" AVG. MILLING & 3 1/4" RESURFACING
	3/4" MILLING & RESURFACING

VOID

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
05/17/17	JLC REMOVED IRRIGATION SLEEVE		

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

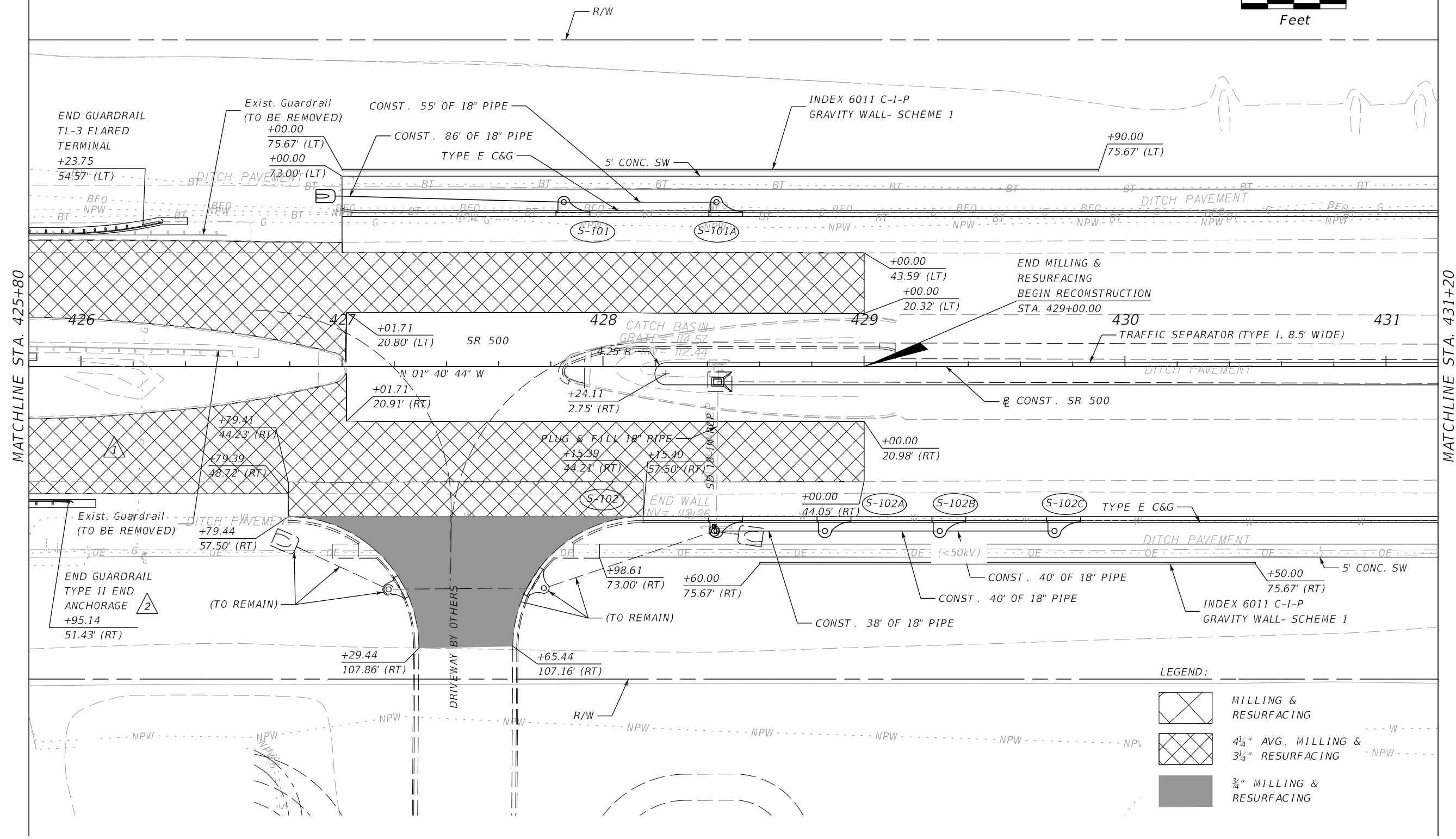
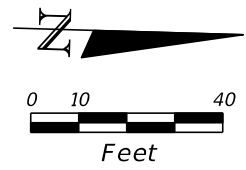
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 19
SR 500

SHEET NO.
53

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MATCHLINE STA. 425+80

MATCHLINE STA. 431+20

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
05/17/17	JLC 1 REMOVED IRRIGATION SLEEVE	05/26/17	JLC 2 REVISED GUARDRAIL STATIONING

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

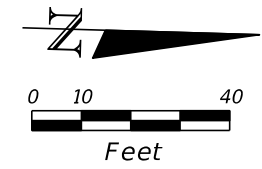
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 19
SR 500

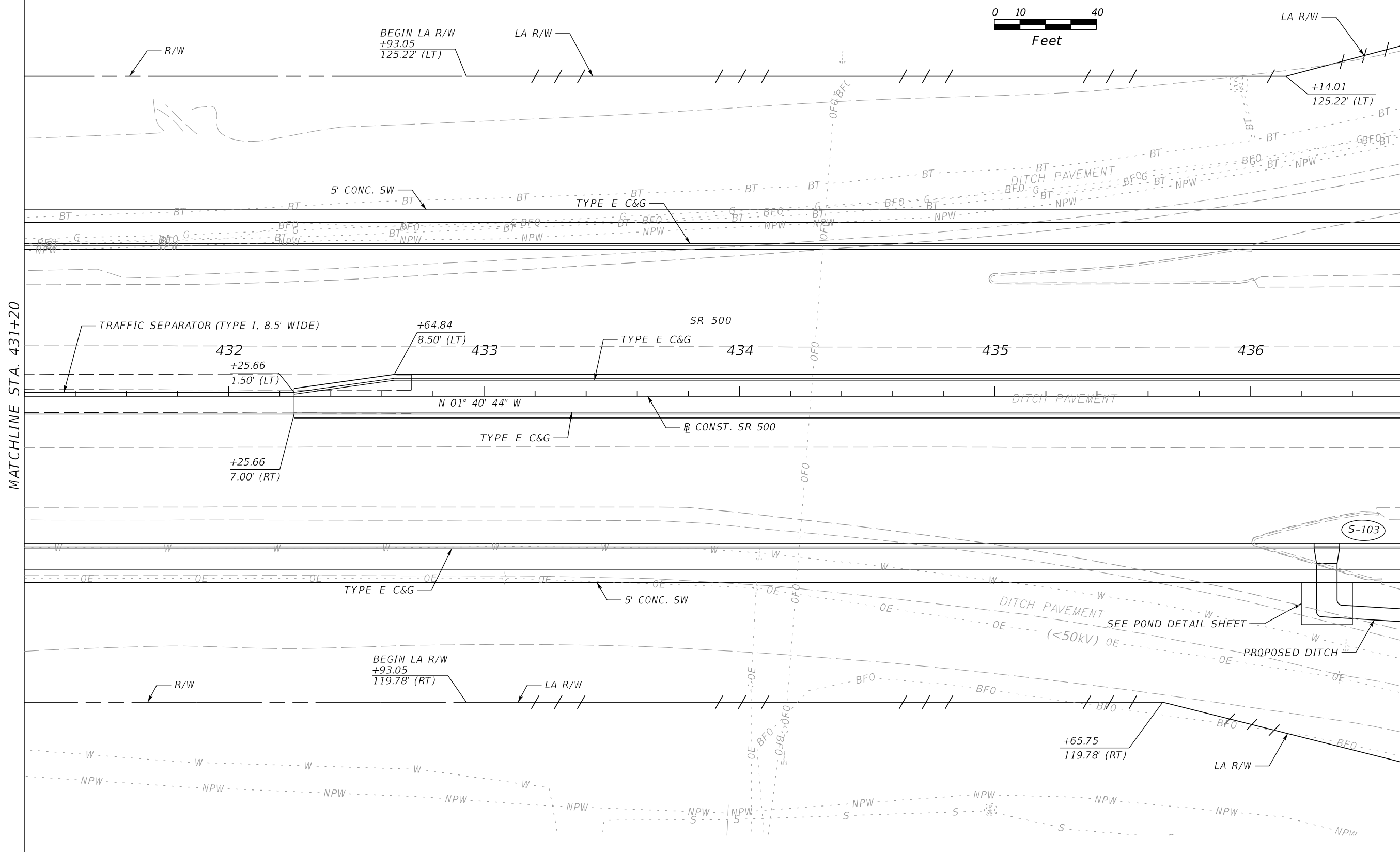
SHEET NO.
53

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MATCHLINE STA. 431+20

MATCHLINE STA. 436+60



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

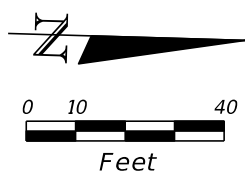
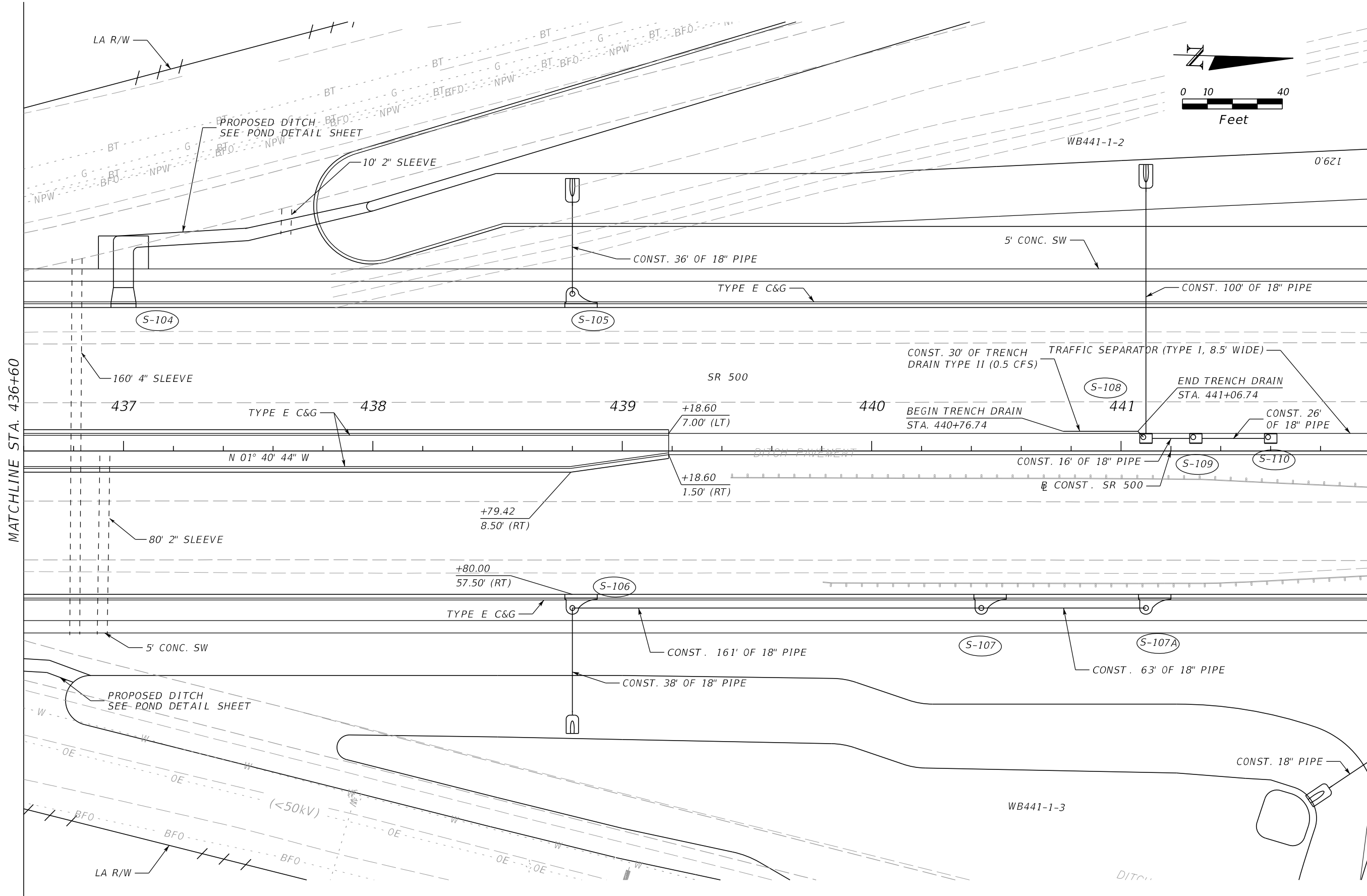
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 20
SR 500

SHEET NO.
54

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

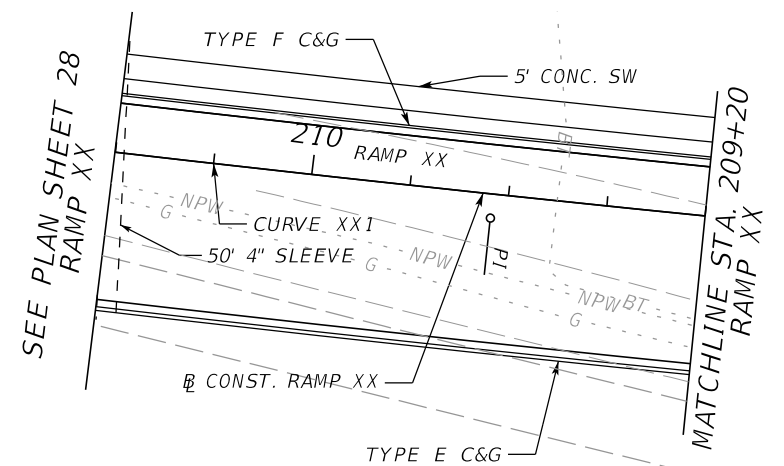
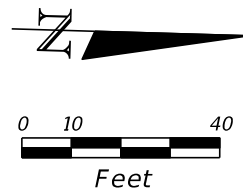


MATCHLINE STA. 436+60

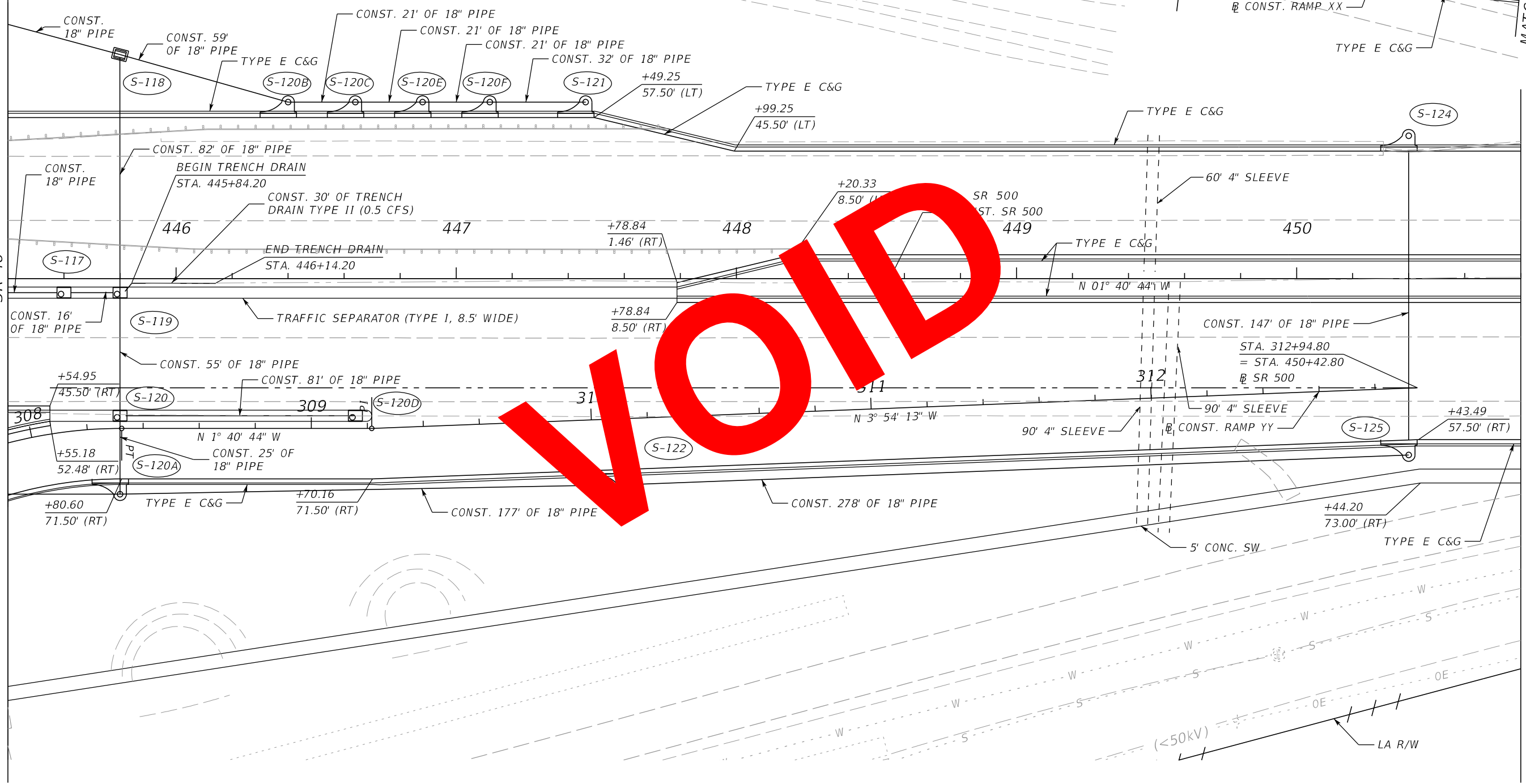
SEE PLAN SHEET 3
SR 46

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 21 SR 500	SHEET NO. 55
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SEE PLAN SHEET 3
SR 46

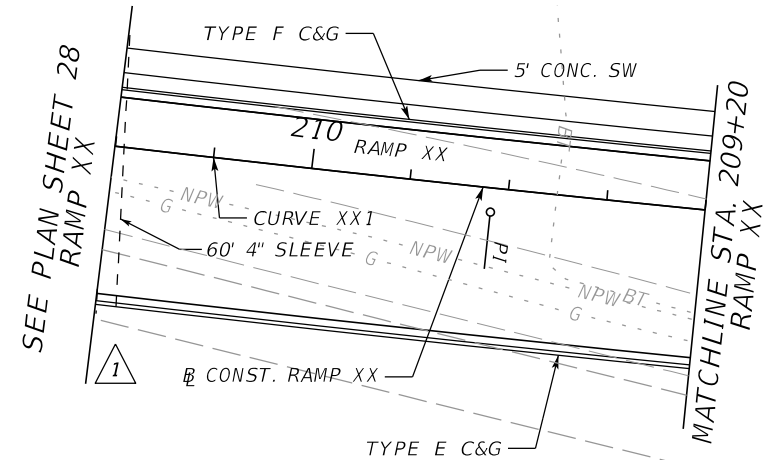
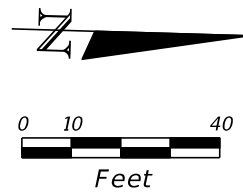


MATCHLINE STA. 450+80

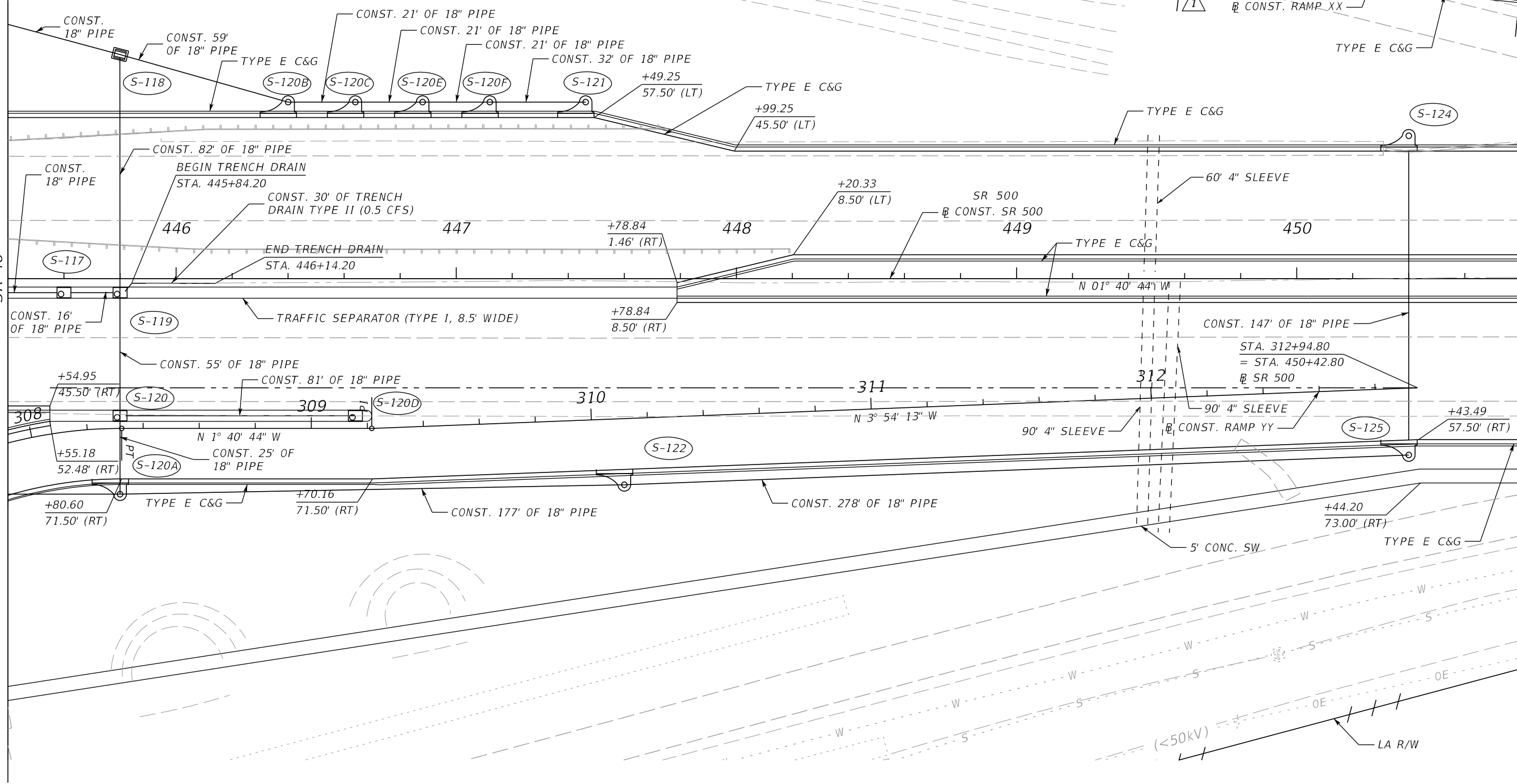
VOID

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 22 SR 500	SHEET NO. 56
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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SEE PLAN SHEET 3
SR 46

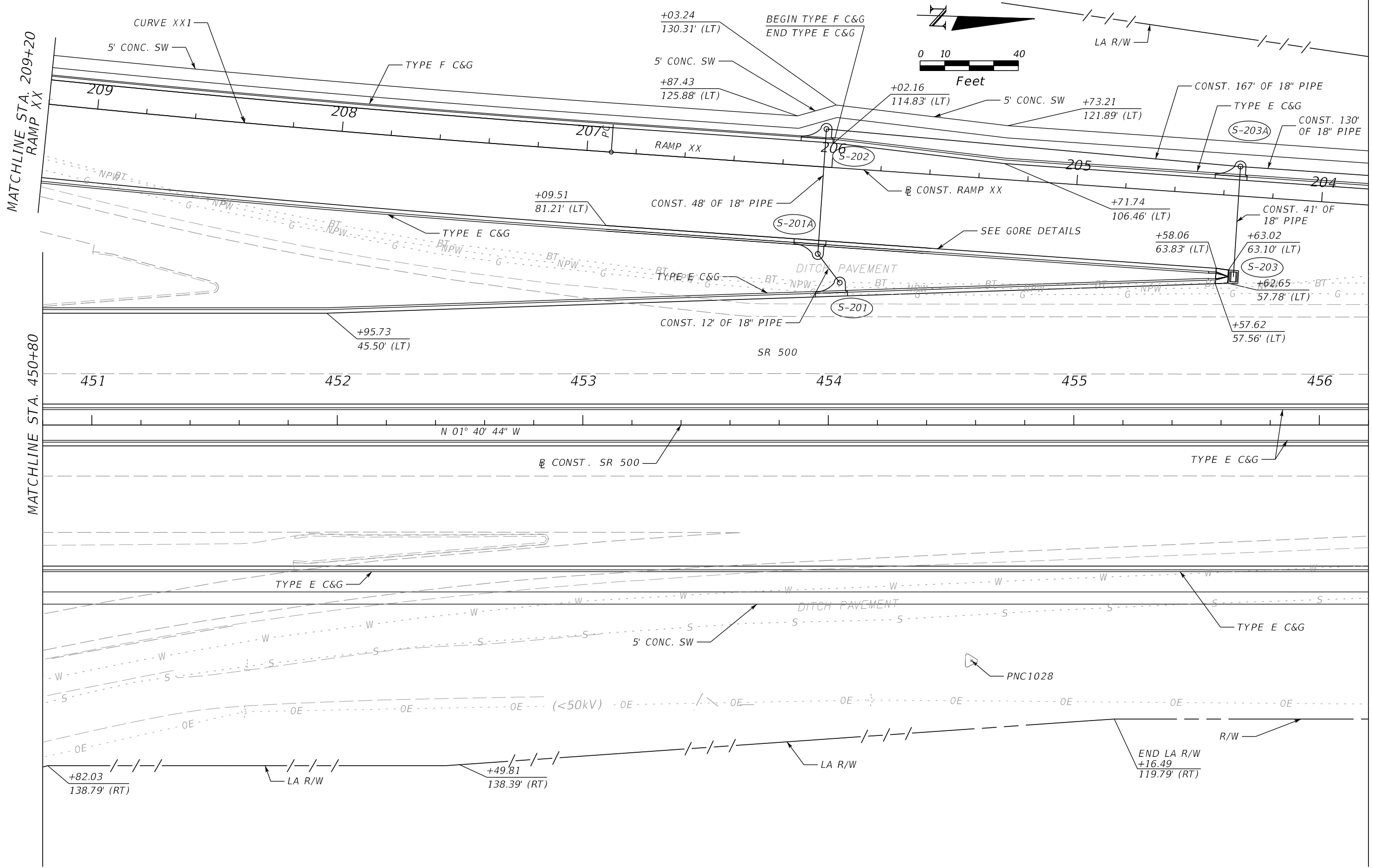


MATCHLINE STA. 450+80

MATCHLINE STA. 209+20
RAMP XX

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 22 SR 500	SHEET NO. 56
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
05/17/17	JLC 1 IRRIGATION SLEEVE LENGTH CHANGED			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

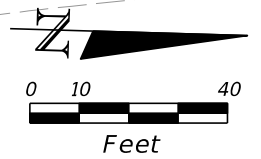
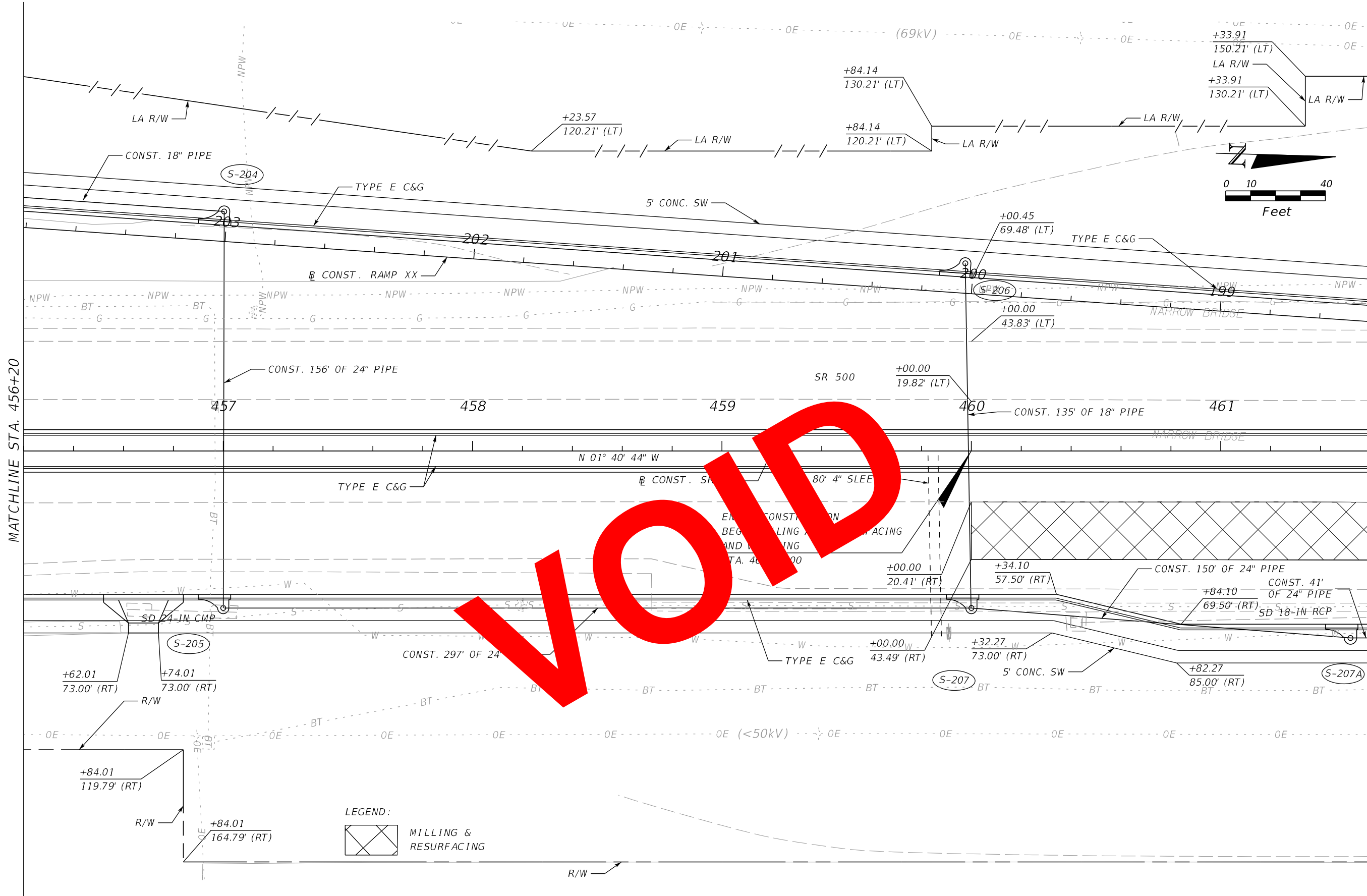


REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 23 SR 500	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		57

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MATCHLINE STA. 456+20

MATCHLINE STA. 461+60



LEGEND:
 MILLING & RESURFACING

VOID

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 24
SR 500

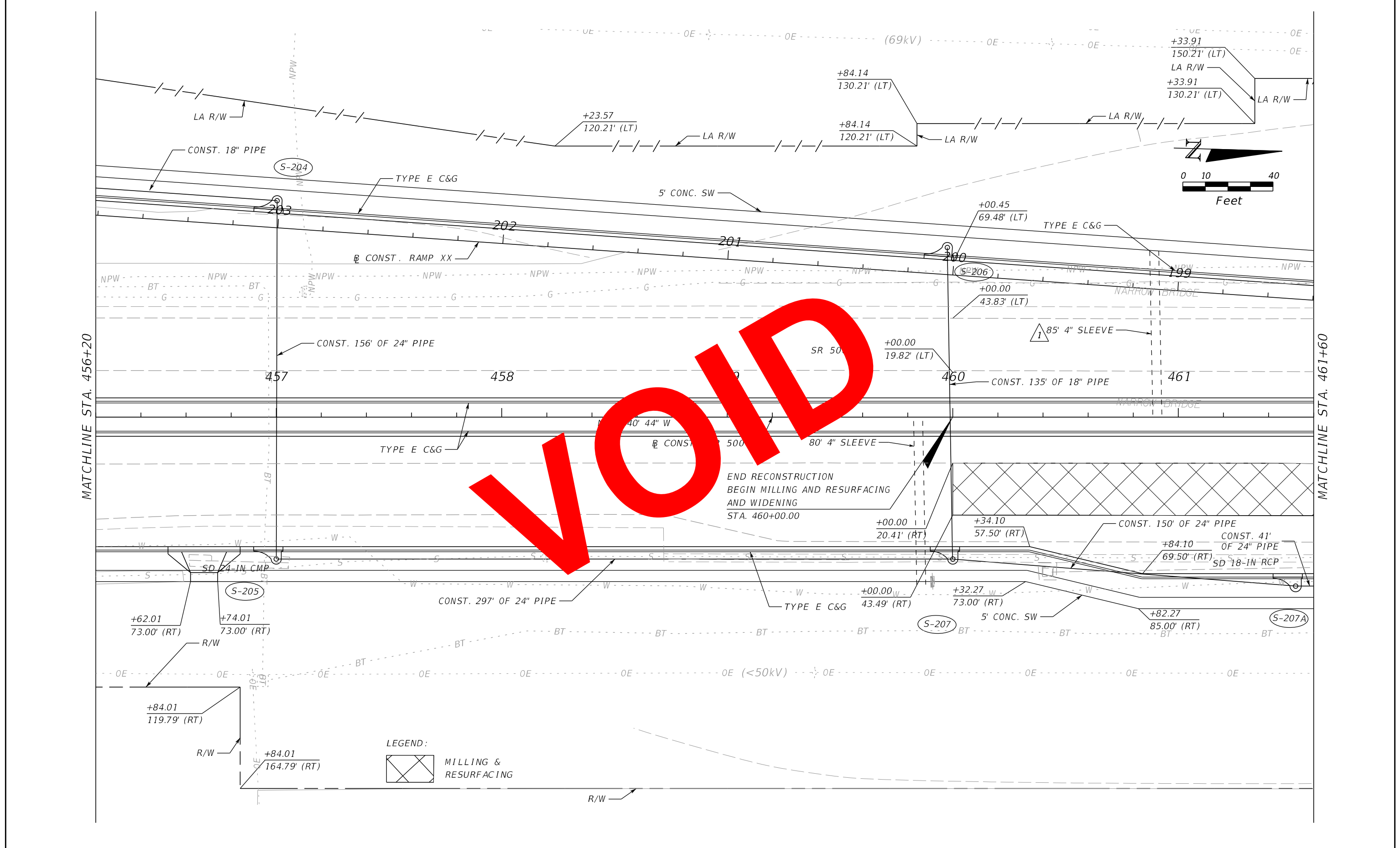
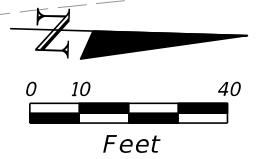
SHEET NO.
58

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

VOID

MATCHLINE STA. 456+20

MATCHLINE STA. 461+60



LEGEND:
 MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
05/17/17	JLC IRRIGATION SLEEVE ADDED		

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 24

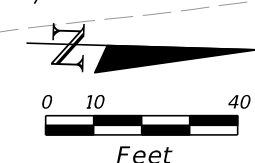
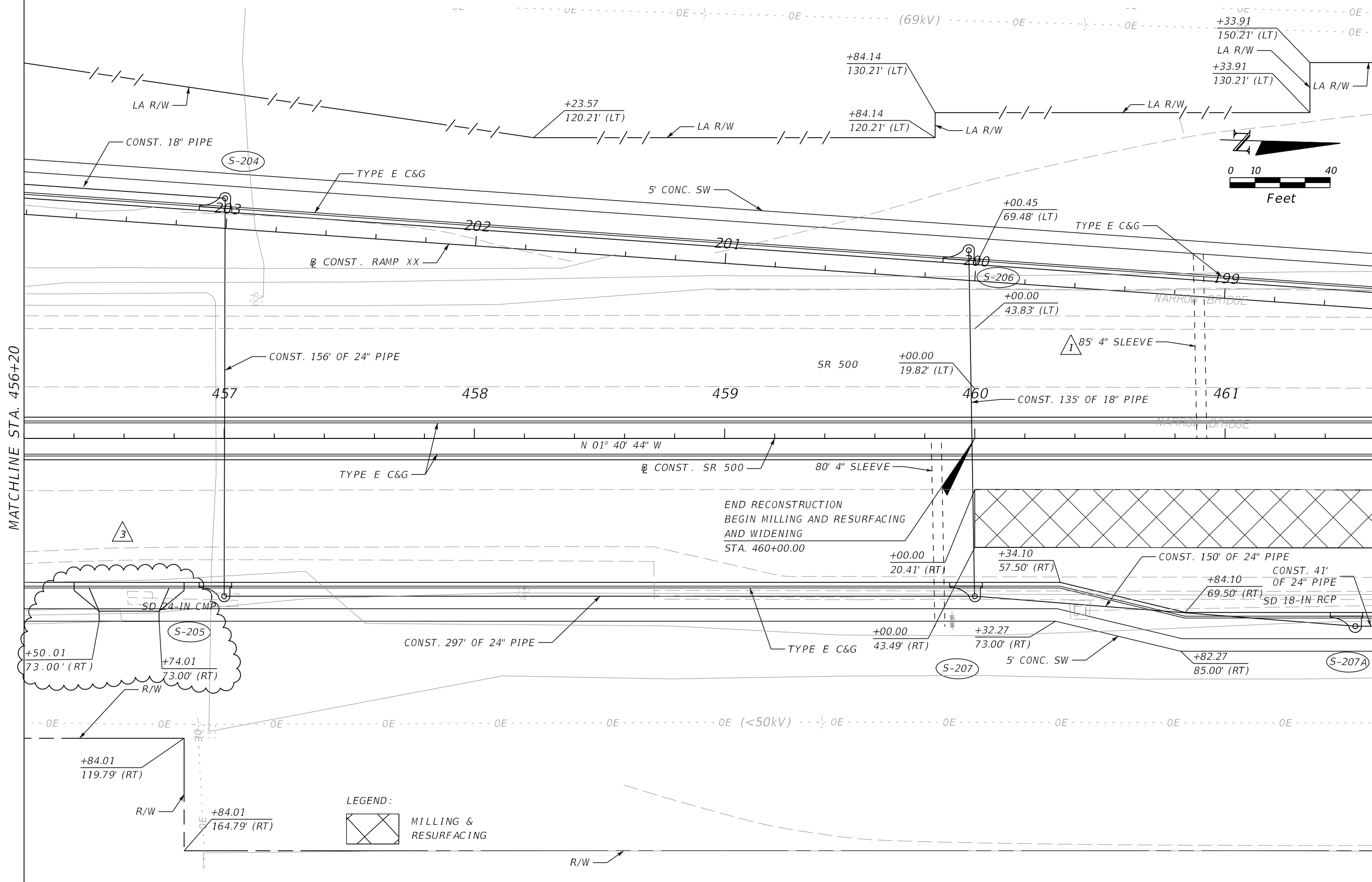
SR 500

SHEET NO.
58

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. 456+20

MATCHLINE STA. 461+60



LEGEND:
 MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
05/17/17	JLC Δ 1 IRRIGATION SLEEVE ADDED	08/17/17	SAS Δ 3 REVISED DRIVEWAY WIDTH TO 24'

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

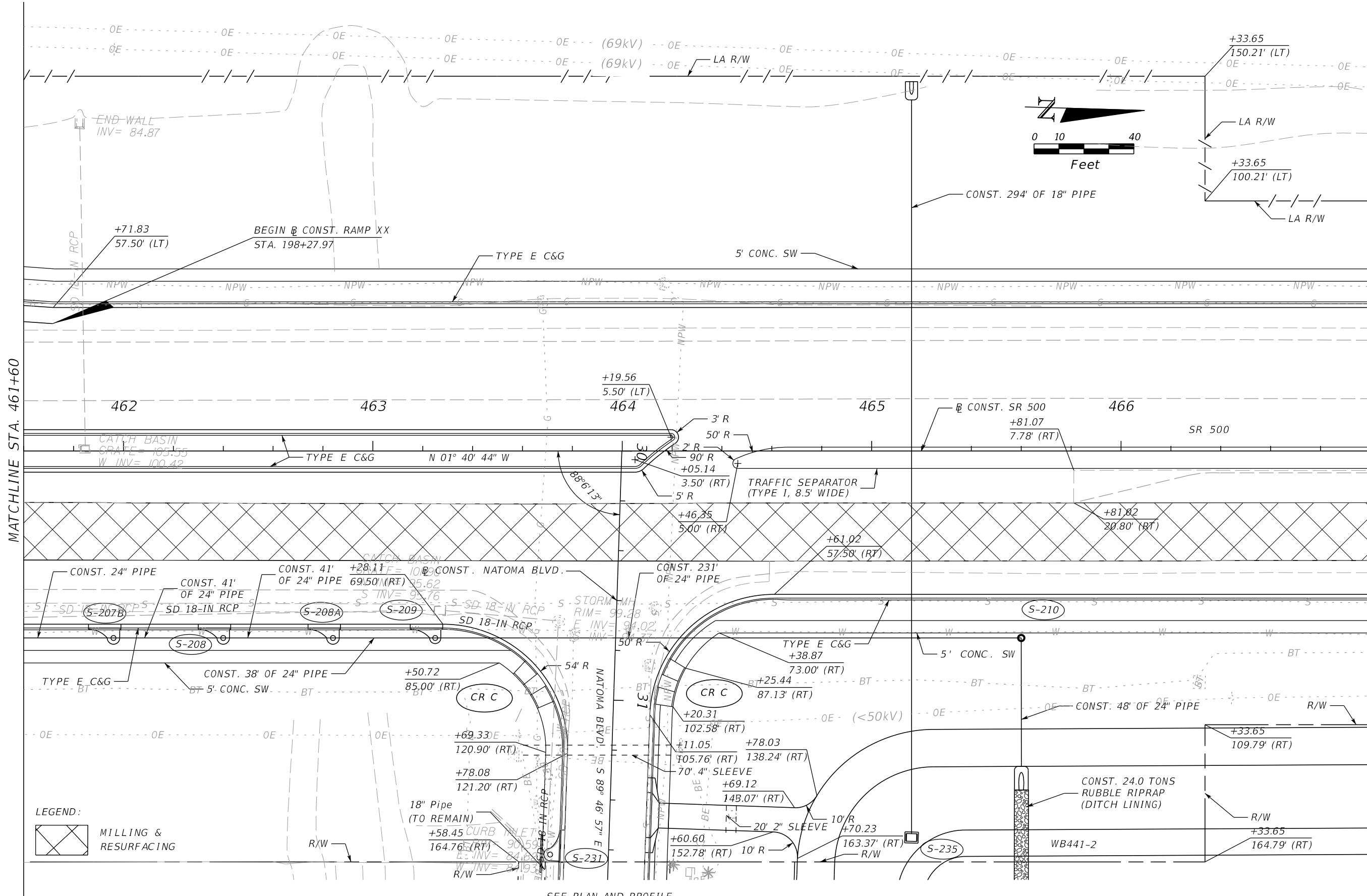
PLAN SHEET 24
SR 500

SHEET NO.
58

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. 461+60

MATCHLINE STA. 467+00



SEE PLAN AND PROFILE
NATOMA BLVD. FOR ADDITIONAL
INFORMATION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

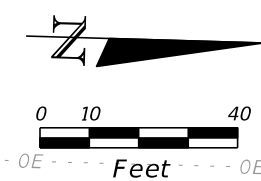
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

PLAN SHEET 25
SR 500

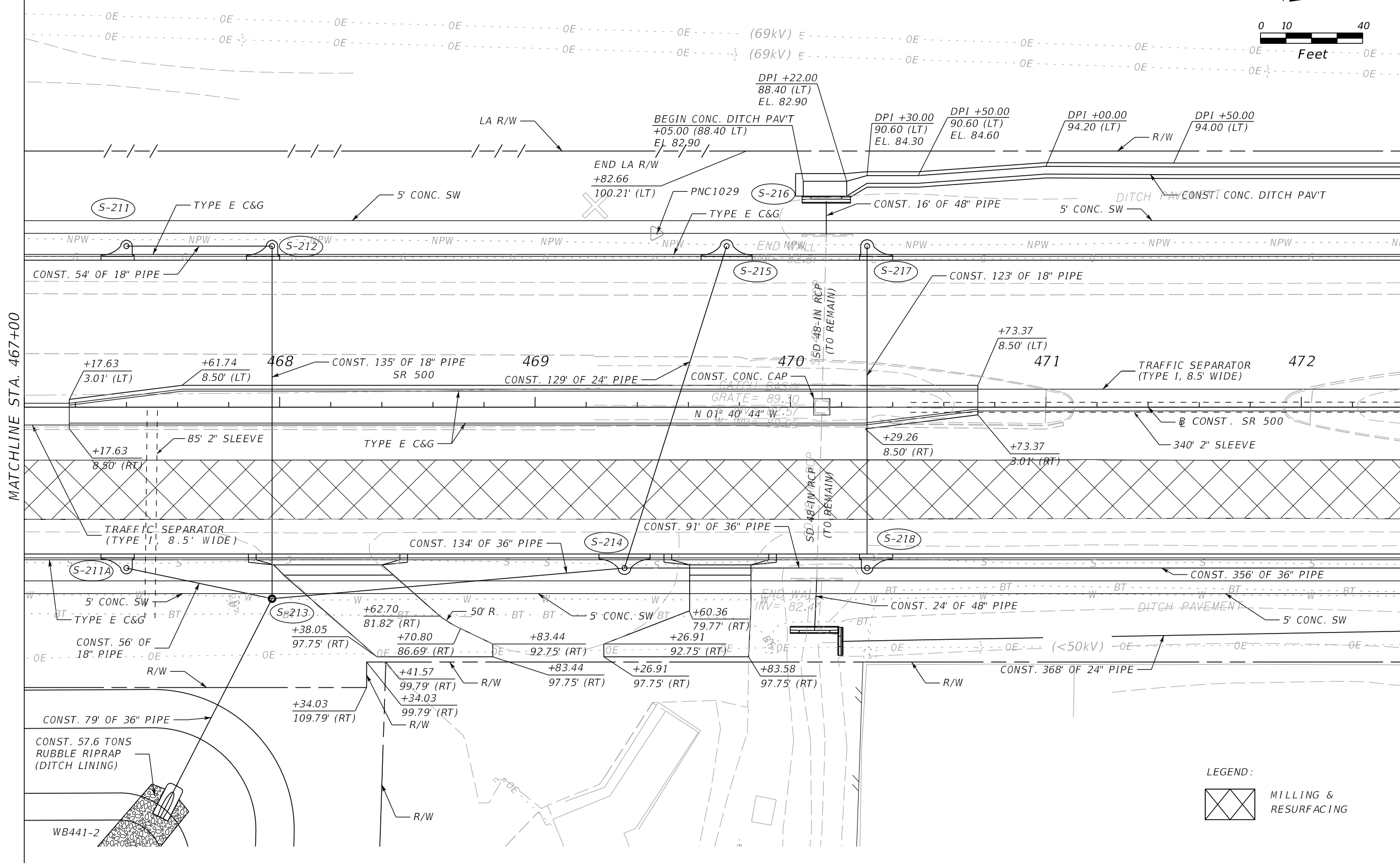
SHEET NO.
59

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. 467+00

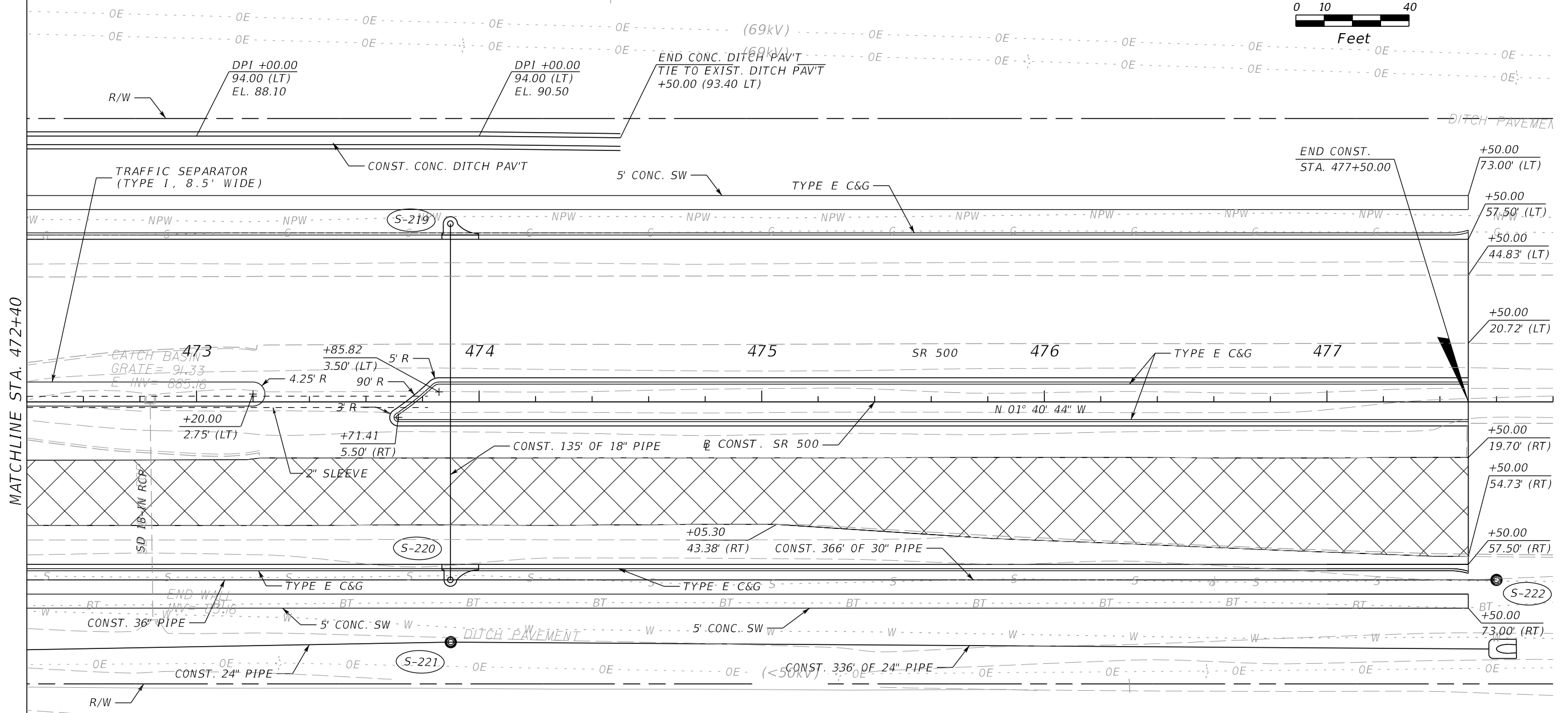
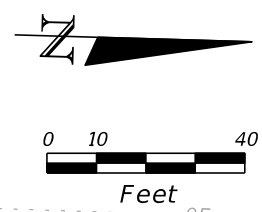
MATCHLINE STA. 472+40



LEGEND:
 MILLING & RESURFACING

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 26 SR 500	SHEET NO. 60
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

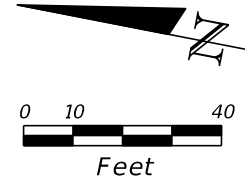
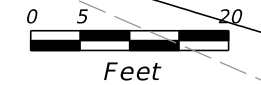
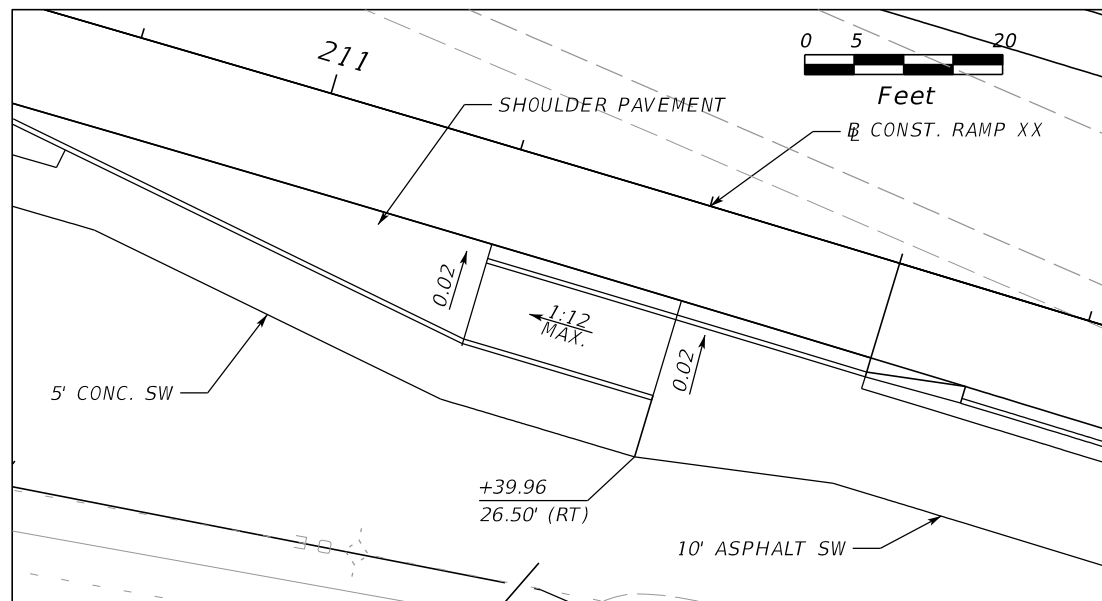
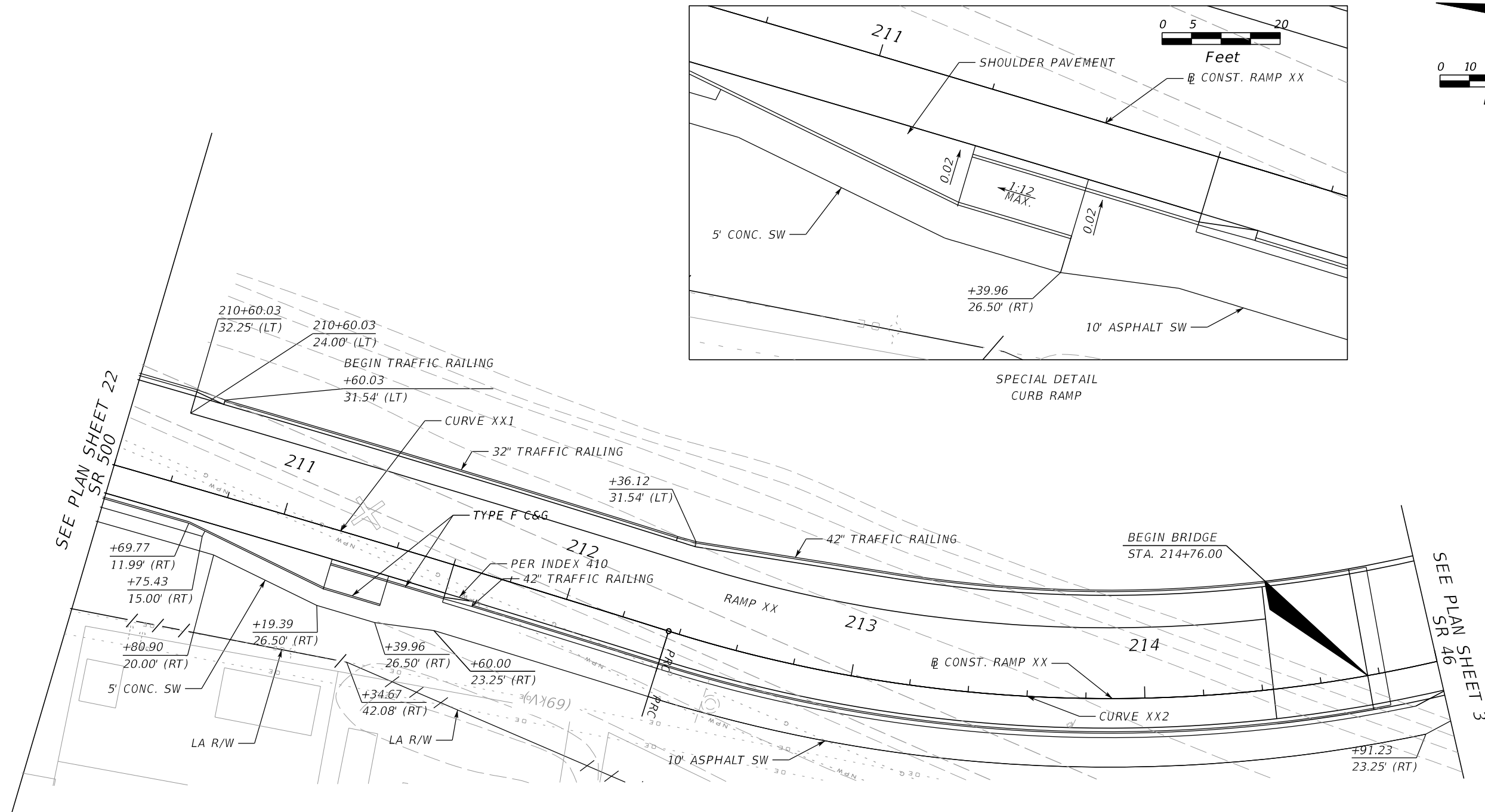


MATCHLINE STA. 472+40

LEGEND:
 MILLING & RESURFACING

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 27 SR 500	SHEET NO. 61
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

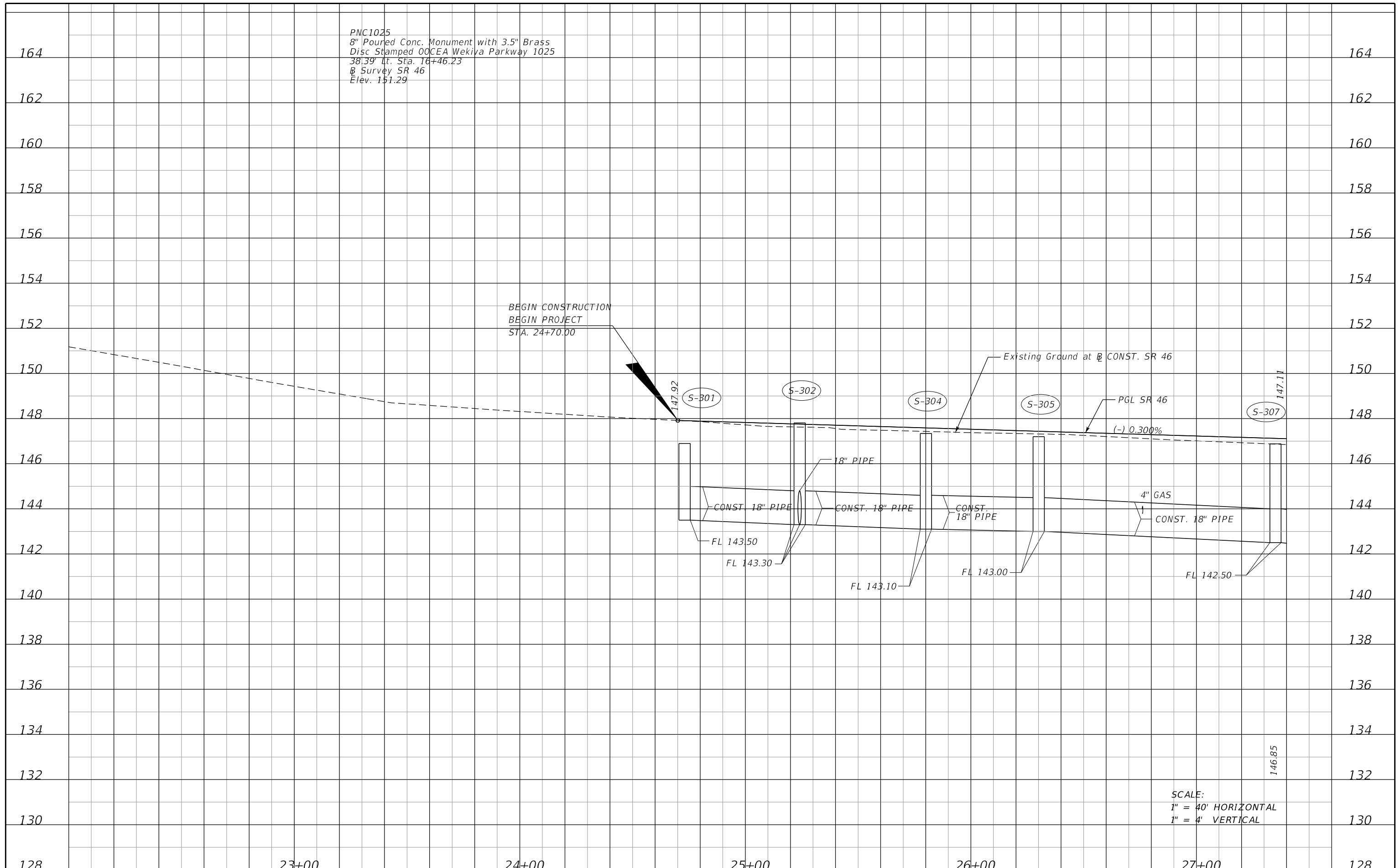


SEE PLAN SHEET 22
SR 500

SEE PLAN SHEET 3
SR 46

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 28 RAMP XX	SHEET NO. 62
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



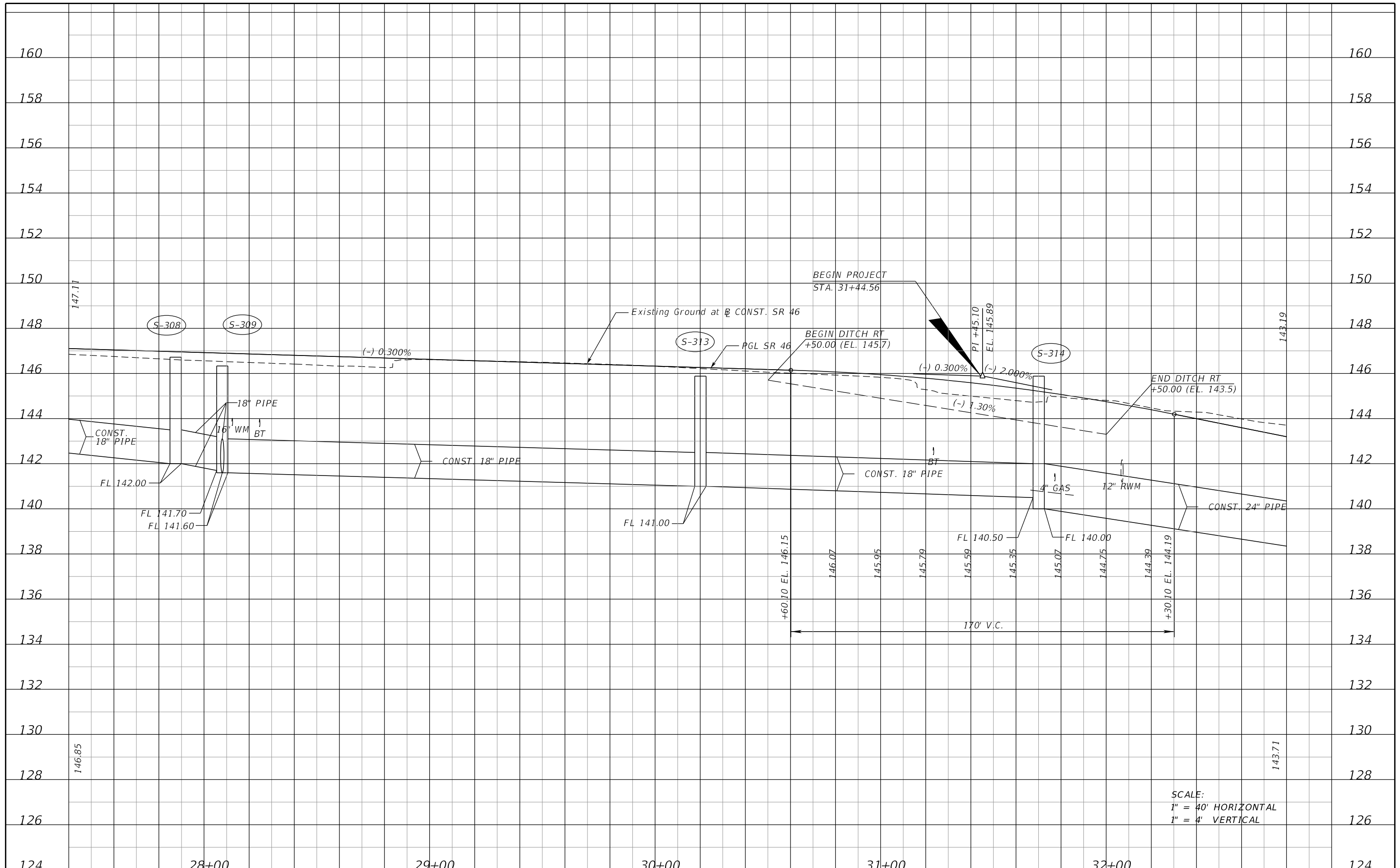
PNC1025
 8" Poured Conc. Monument with 3.5" Brass
 Disc Stamped OOCEA Wekiva Parkway 1025
 38'39" Lt. Sta. 16+46.23
 @ Survey SR 46
 Elev. 151.29

BEGIN CONSTRUCTION
 BEGIN PROJECT
 STA. 24+70.00

SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

23+00		24+00		25+00		26+00		27+00		128				
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 46 COUNTY LAKE FINANCIAL PROJECT ID 238275-2-52-01				ROADWAY PROFILE SHEET SR 46		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION											63

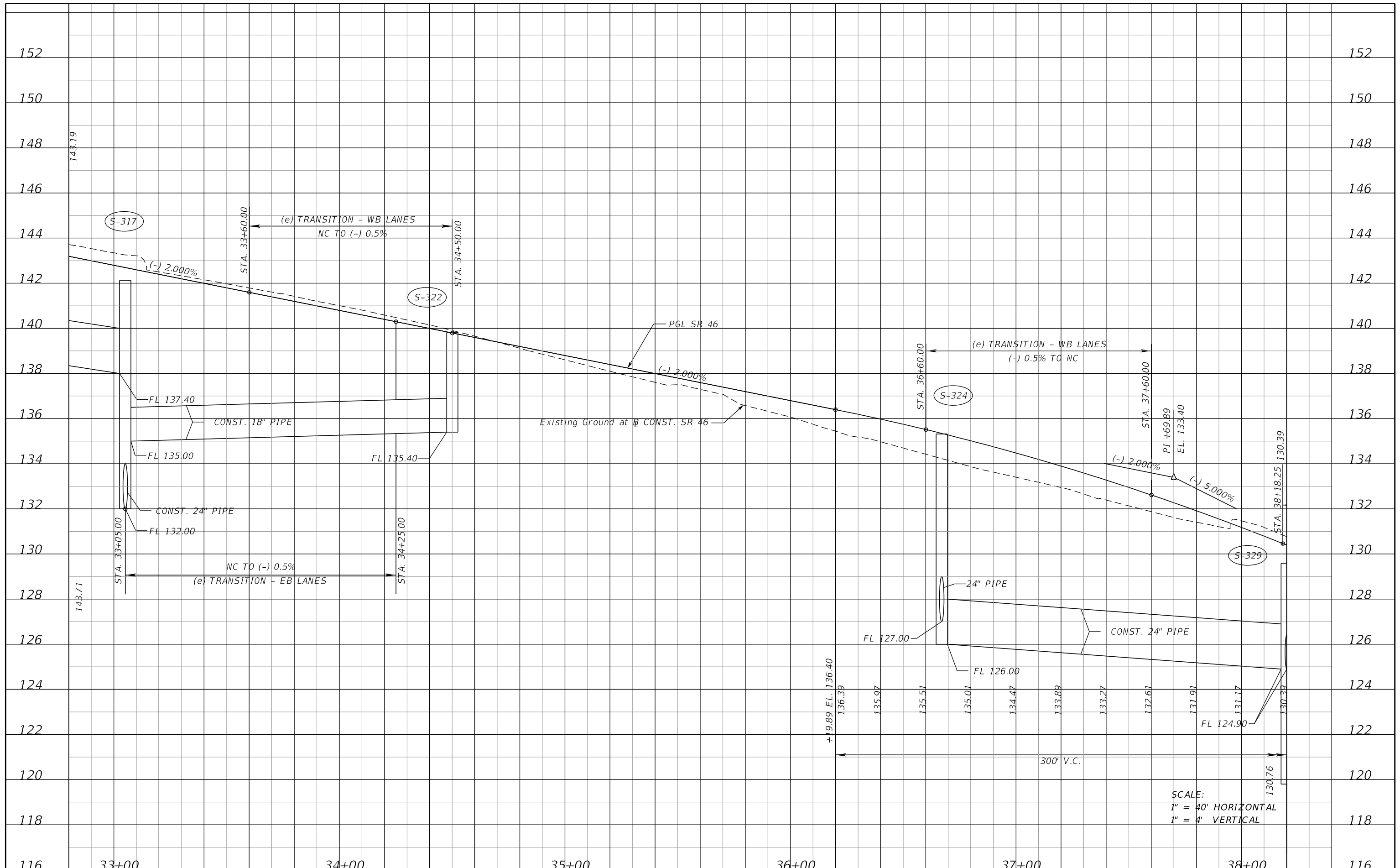
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

DATE		DESCRIPTION		DATE		DESCRIPTION		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILE SHEET SR 46			SHEET NO.
								ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO.	COUNTY	FINANCIAL PROJECT ID				64
											SR 46	LAKE	238275-2-52-01				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

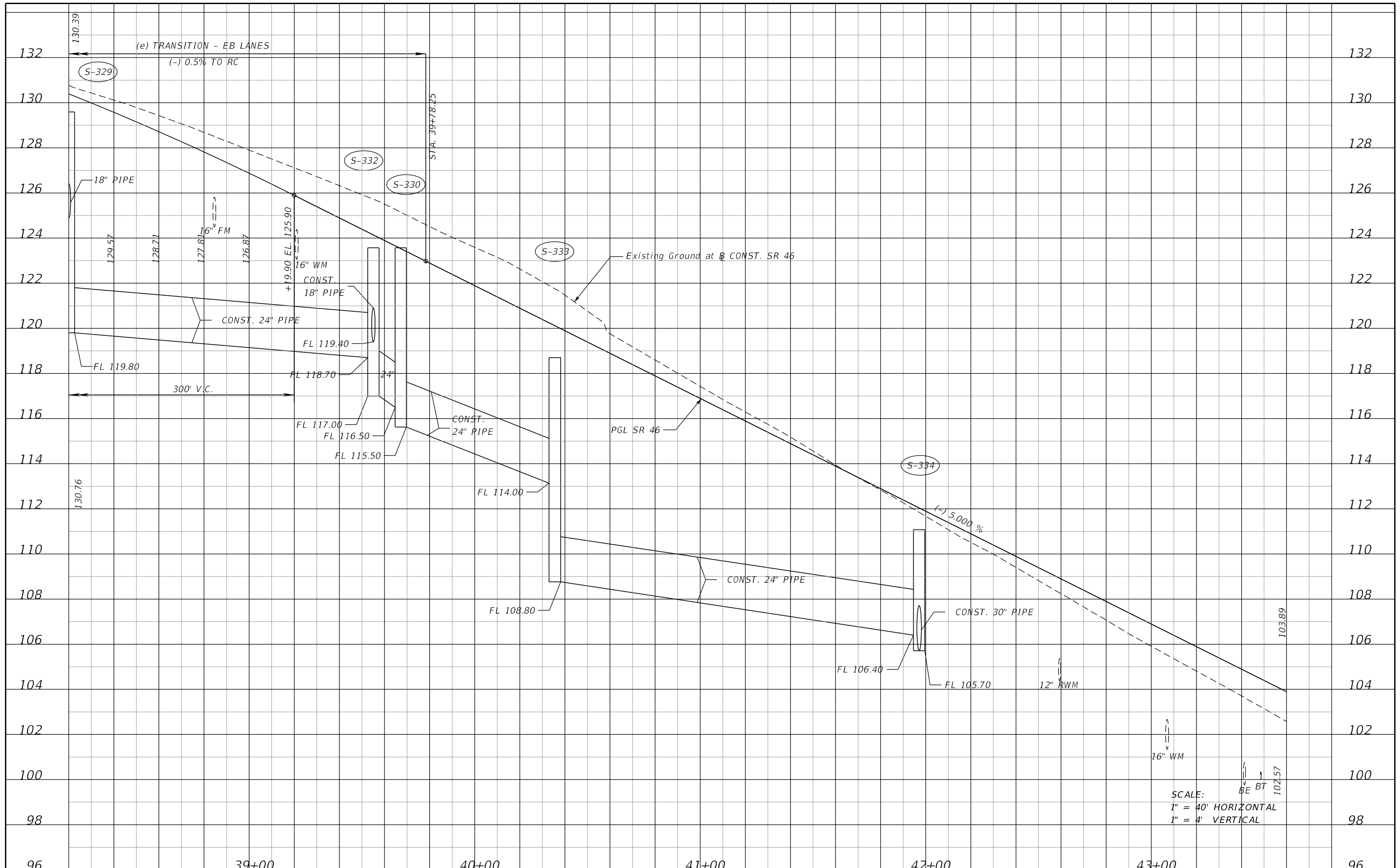
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO.
 65

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

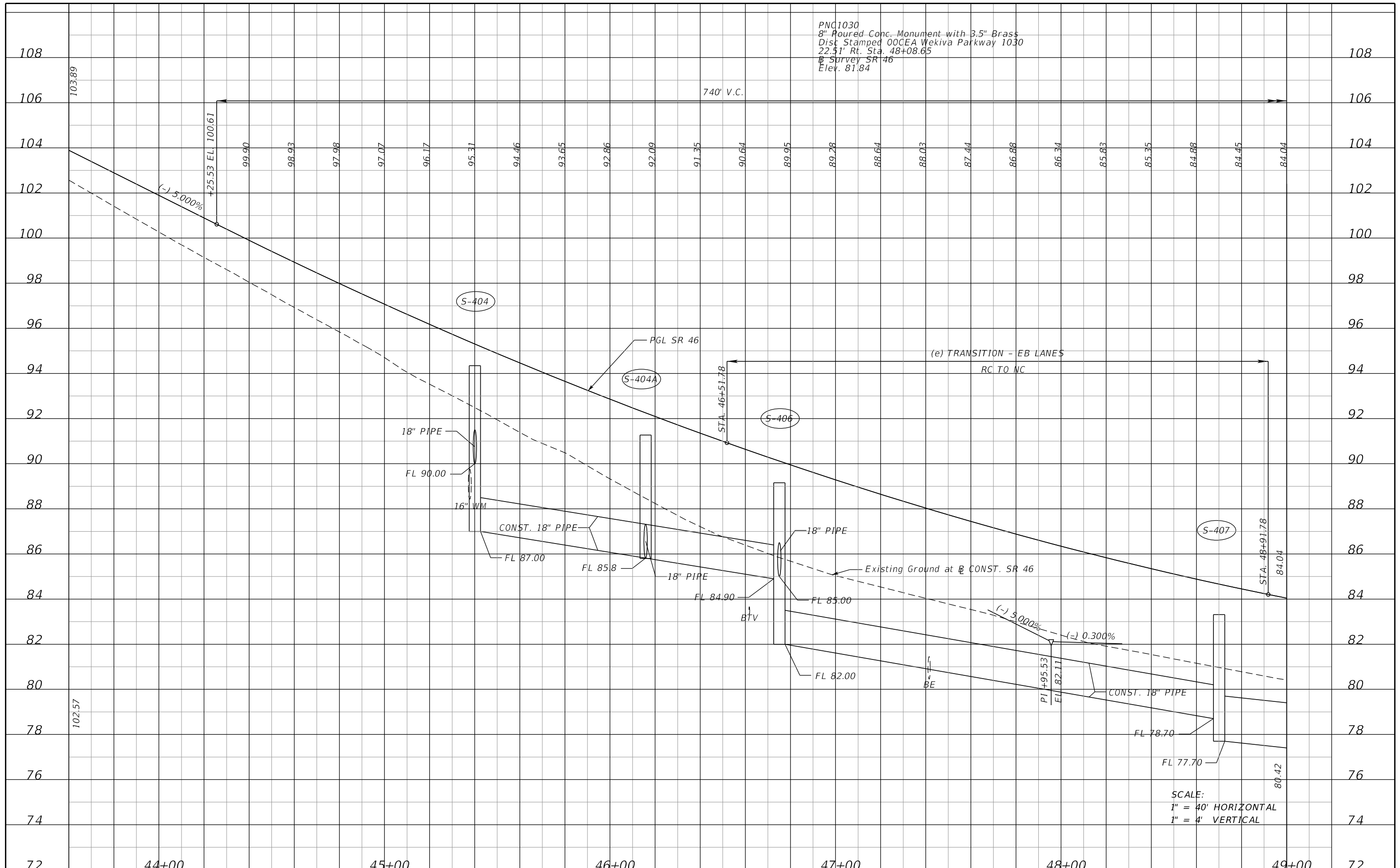


SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

39+00		40+00		41+00		42+00		43+00		96
REVISIONS DATE DESCRIPTION DATE DESCRIPTION										SHEET NO. 66
MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003										
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROAD NO. COUNTY FINANCIAL PROJECT ID SR 46 LAKE 238275-2-52-01		ROADWAY PROFILE SHEET SR 46					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

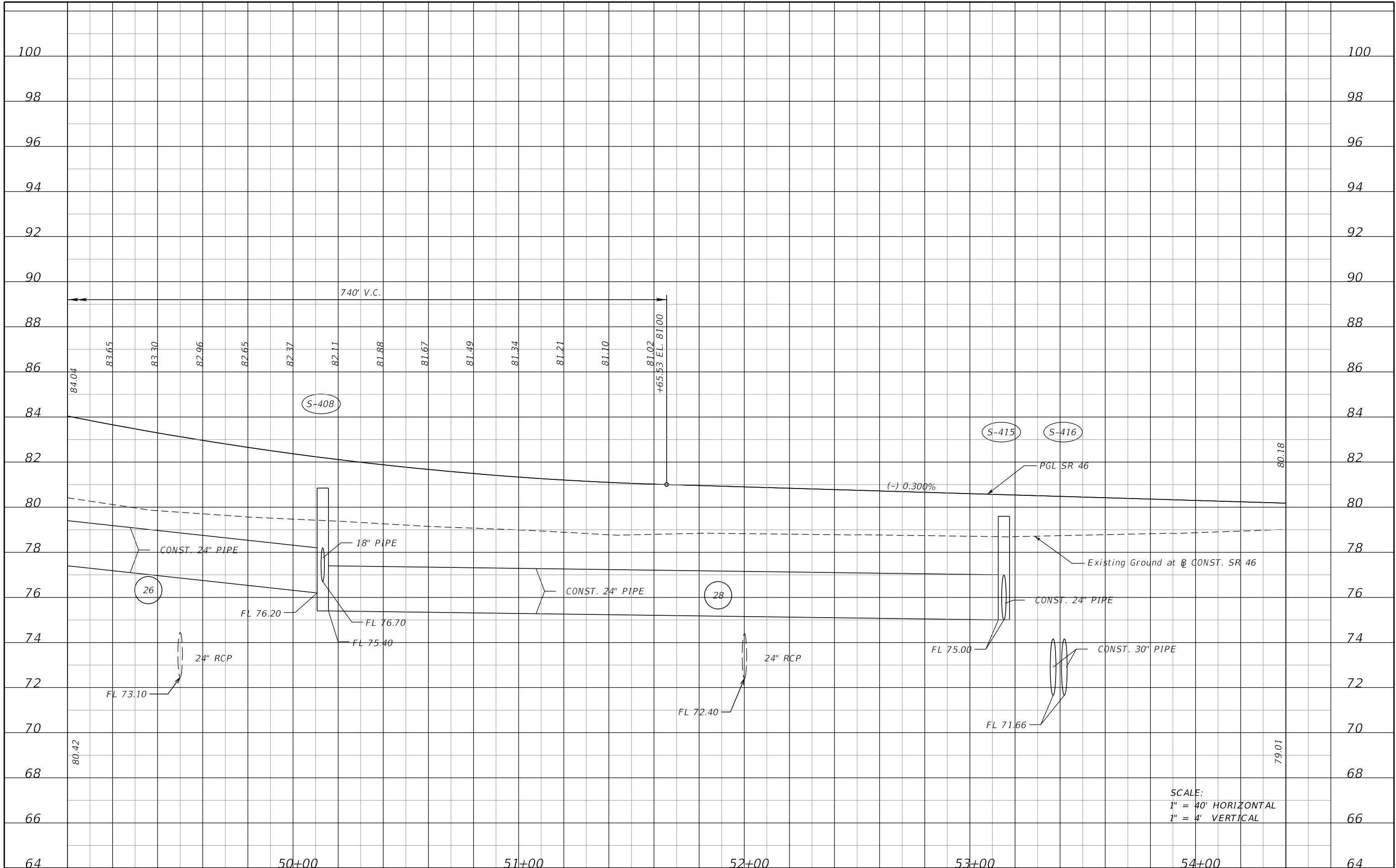
PNC1030
 8" Poured Conc. Monument with 3.5" Brass
 Disc Stamped 00CEA Wekiva Parkway 1030
 22.51' Rt. Sta. 48+08.65
 Survey SR 46
 Elev. 81.84



SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

44+00		45+00		46+00		47+00		48+00		49+00		72	
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				ROADWAY PROFILE SHEET SR 46	SHEET NO. 67
DATE	DESCRIPTION	DATE	DESCRIPTION										
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003				SR 46 LAKE 238275-2-52-01					

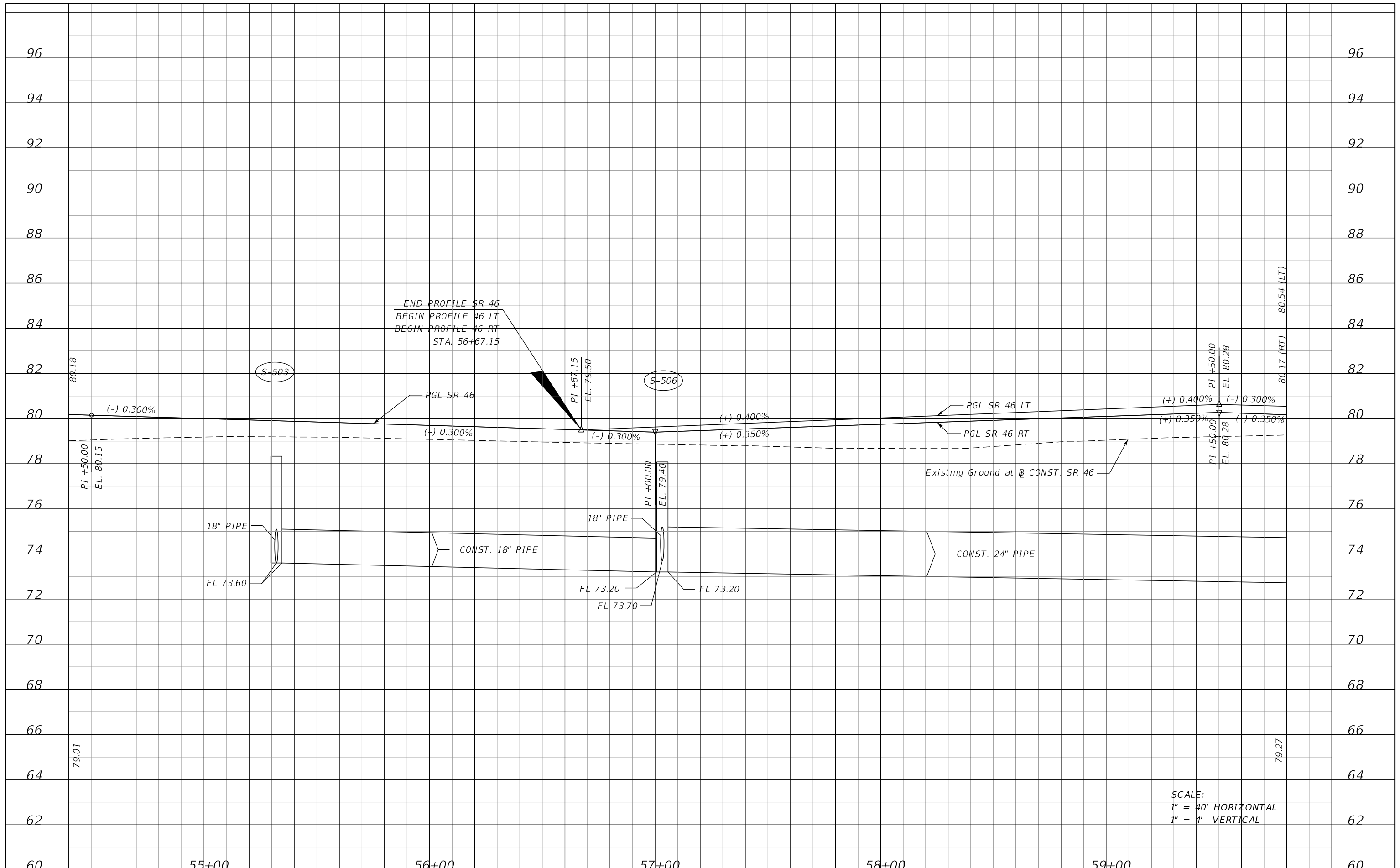
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

REVISIONS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">DATE</th> <th style="width: 40%;">DESCRIPTION</th> <th style="width: 20%;">DATE</th> <th style="width: 20%;">DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<h2 style="margin: 0;">ROADWAY PROFILE SHEET</h2> <h3 style="margin: 0;">SR 46</h3>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION																
ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	68												
				SR 46	LAKE	238275-2-52-01													

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SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

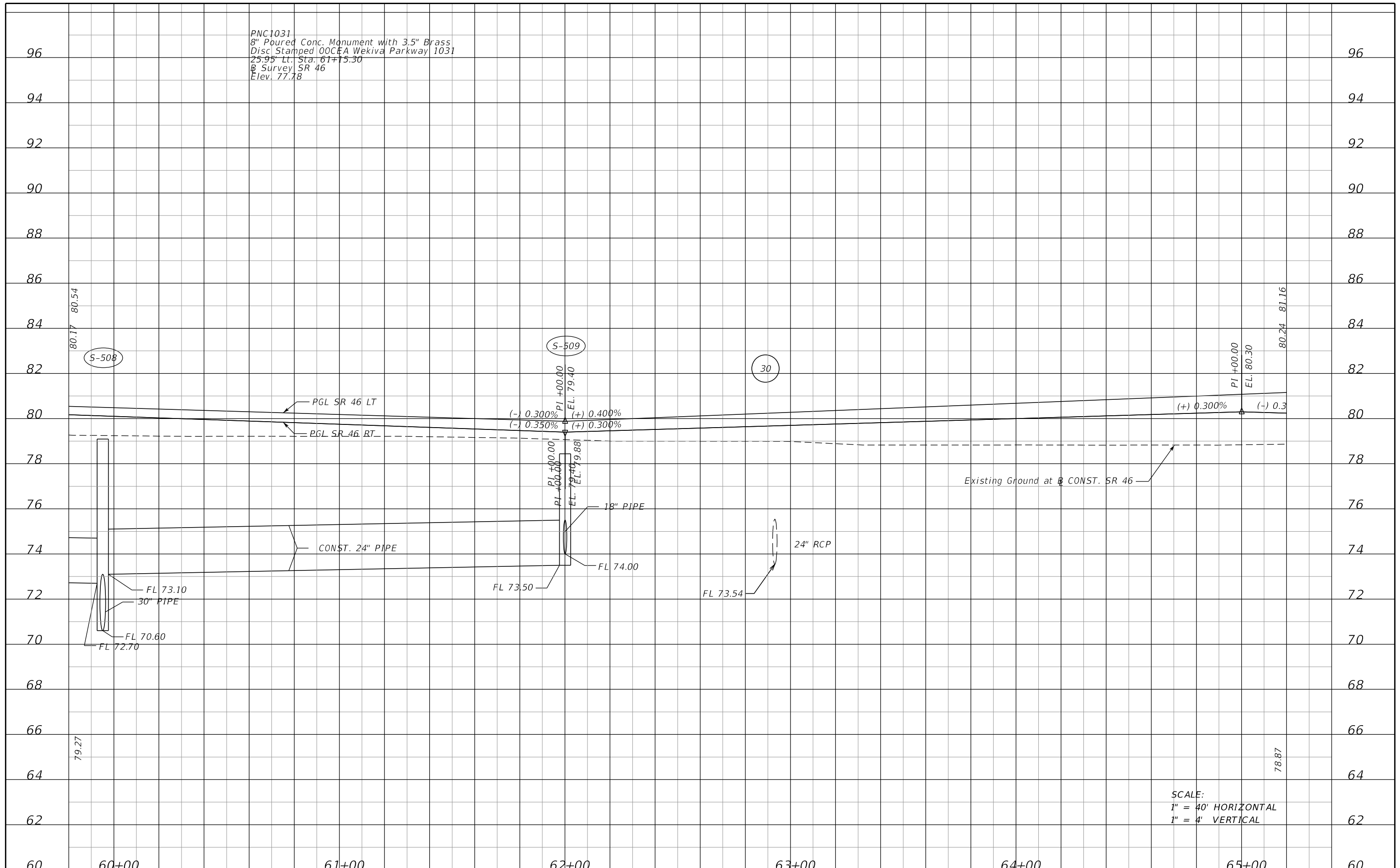
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO.
 69

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

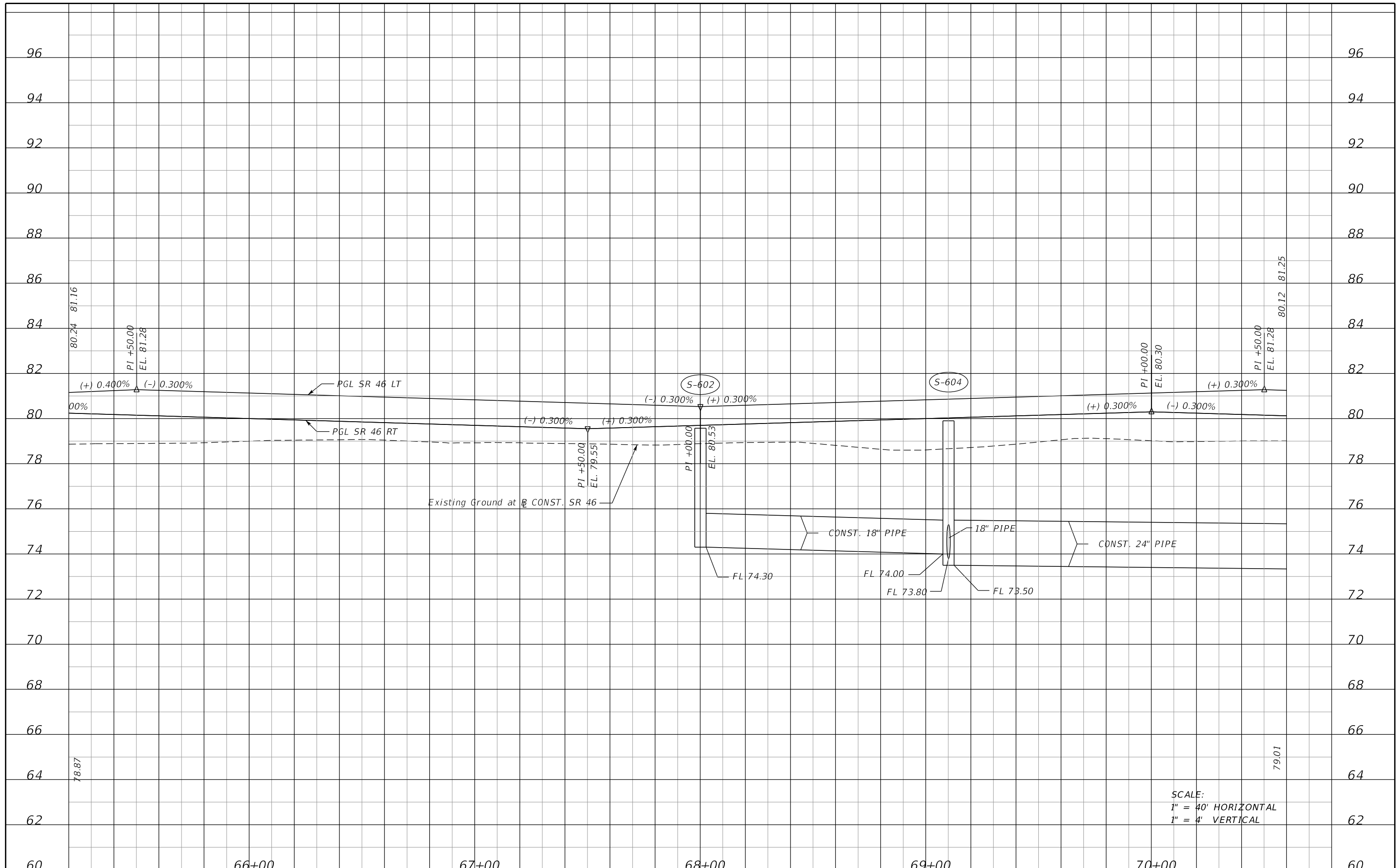
PNC1031
 8" Poured Conc. Monument with 3.5" Brass
 Disc Stamped OOCEA Wekiva Parkway 1031
 25.95' Lt. Sta. 61+15.30
 @ Survey SR 46
 Elev. 77.78



SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

60		60+00		61+00		62+00		63+00		64+00		65+00		60			
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				ROADWAY PROFILE SHEET SR 46				SHEET NO. 70	
DATE	DESCRIPTION	DATE	DESCRIPTION														
				SR 46	LAKE	238275-2-52-01											

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

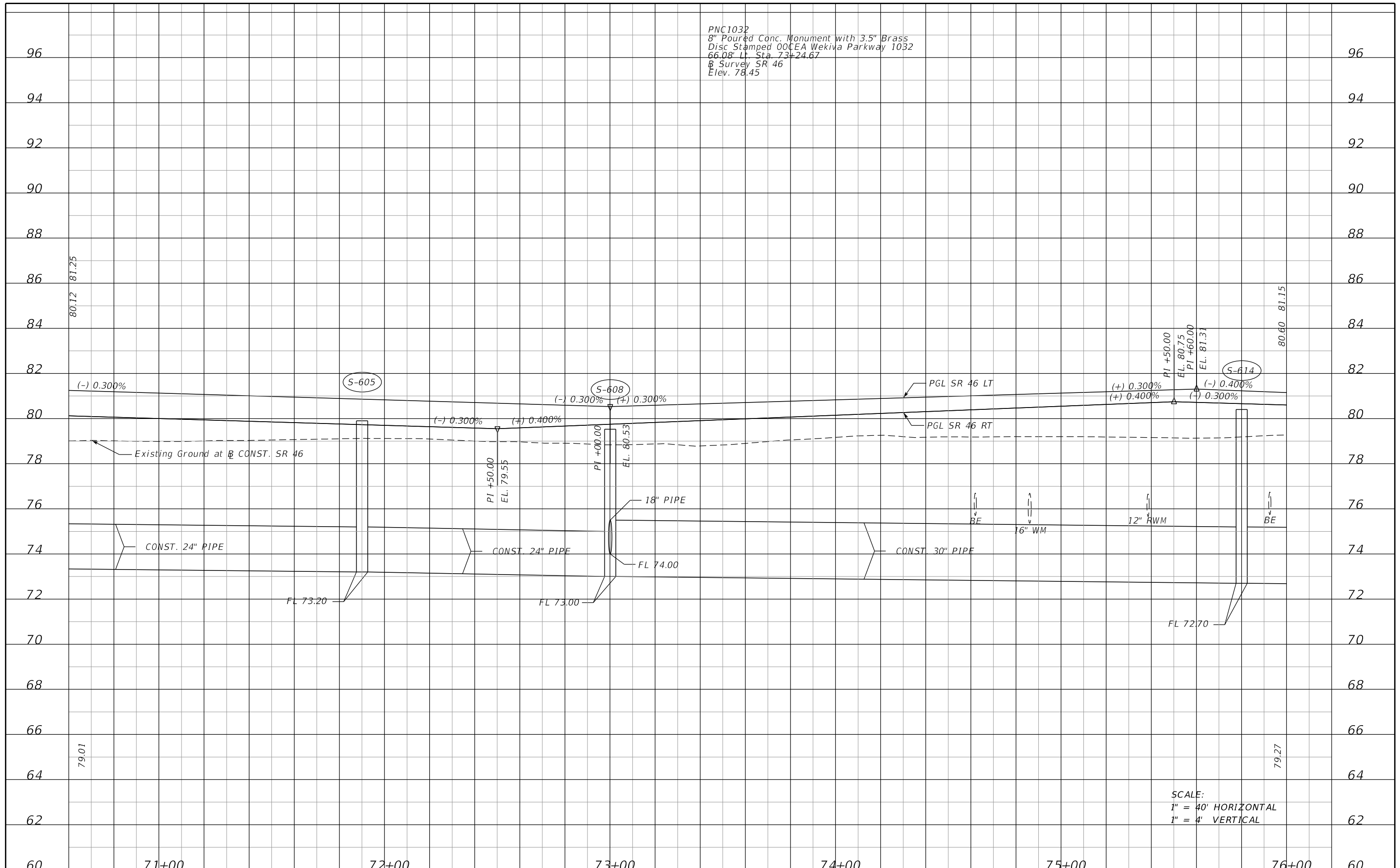


SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

60		66+00		67+00		68+00		69+00		70+00		60		
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				ROADWAY PROFILE SHEET SR 46		SHEET NO. 71
DATE	DESCRIPTION	DATE	DESCRIPTION											
				SR 46	LAKE	238275-2-52-01								

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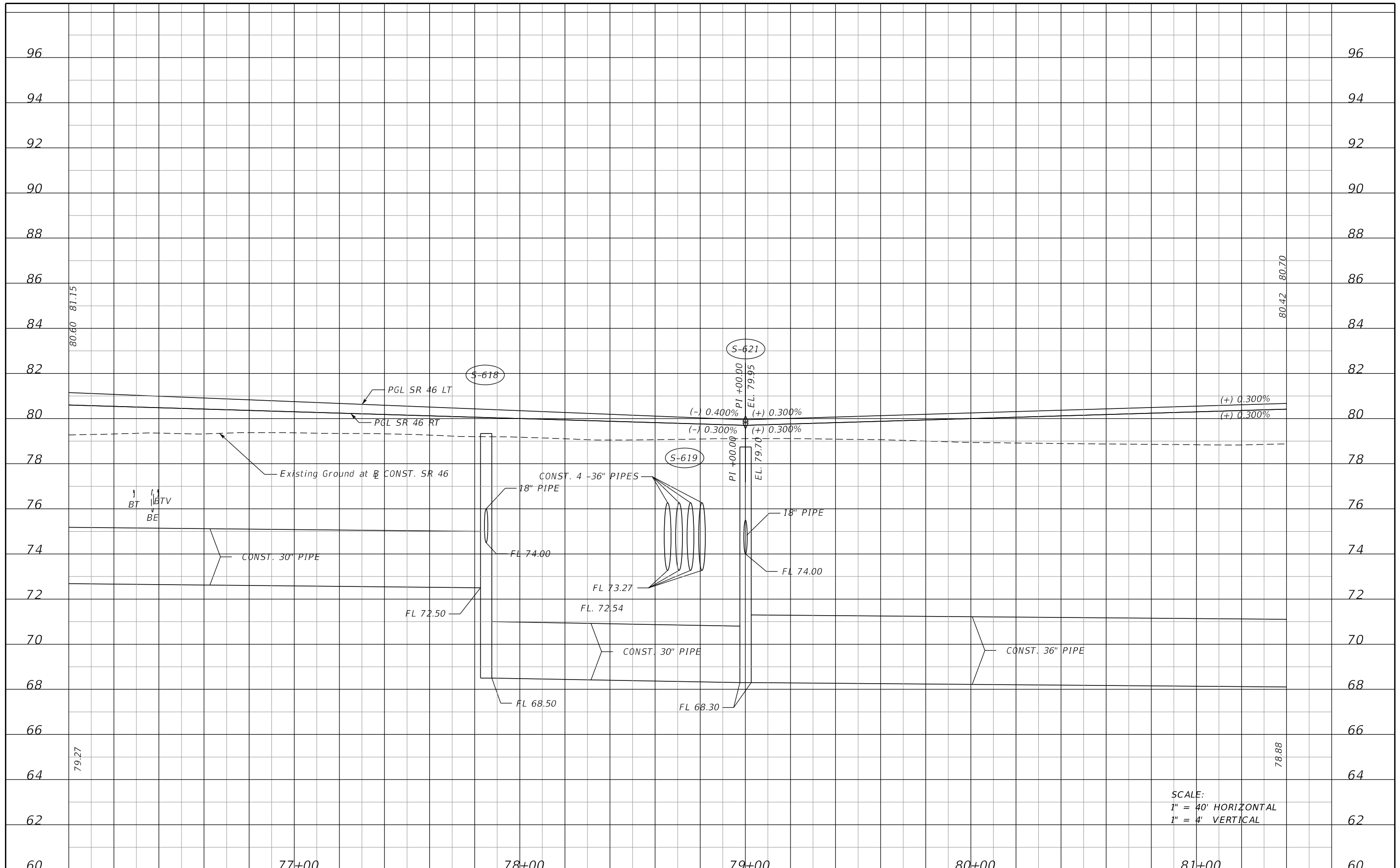
PNC1032
 8" Poured Conc. Monument with 3.5" Brass
 Disc Stamped 00CEA Wekiva Parkway 1032
 66.08' Lt. Sta. 73+24.67
 @ Survey SR 46
 Elev. 78.45



SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

71+00		72+00		73+00		74+00		75+00		76+00		60		
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				ROADWAY PROFILE SHEET SR 46		SHEET NO. 72
DATE	DESCRIPTION	DATE	DESCRIPTION											
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003				SR 46	LAKE	238275-2-52-01				

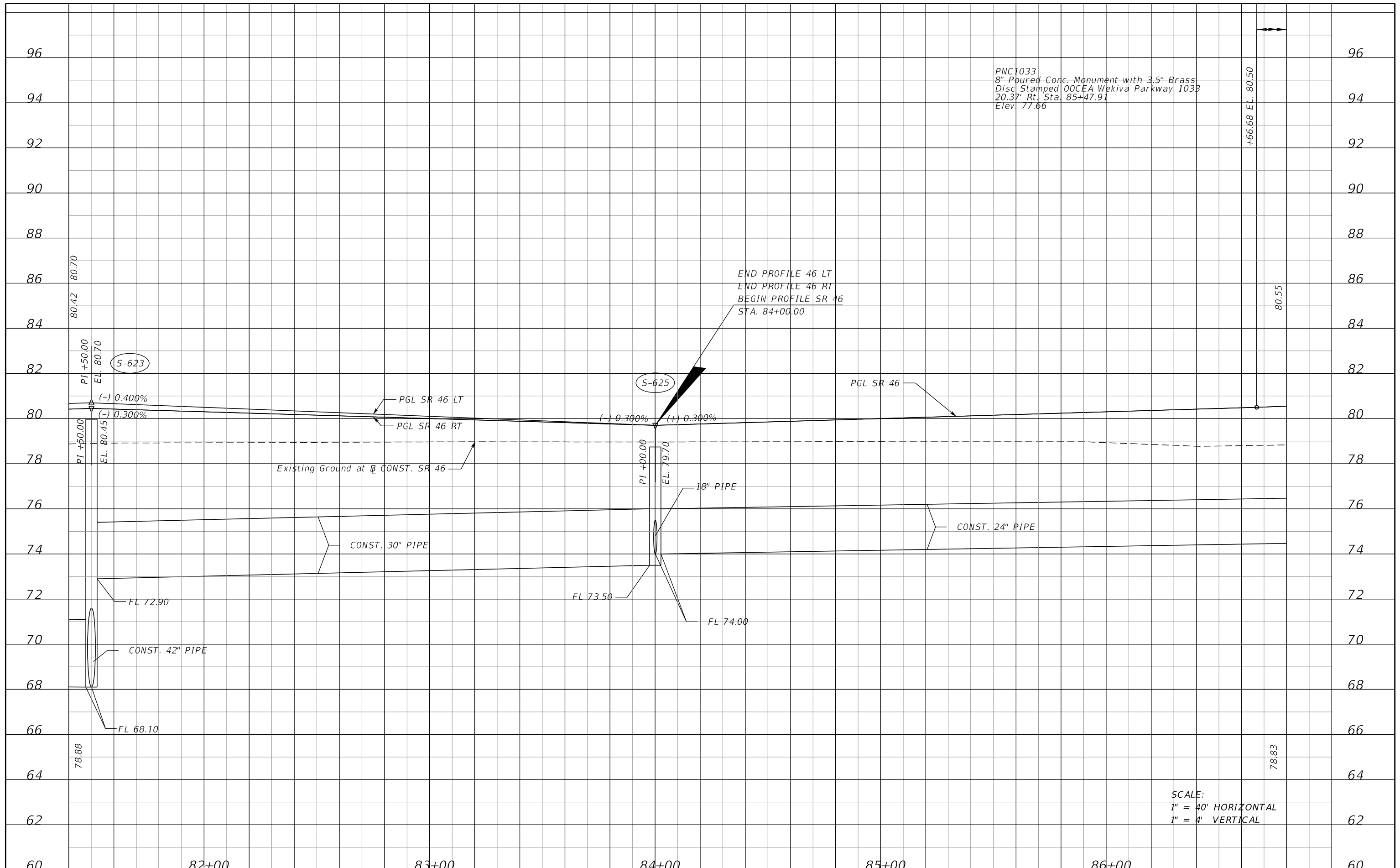
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
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 1" = 4' VERTICAL

77+00		78+00		79+00		80+00		81+00		60
REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROADWAY PROFILE SHEET SR 46		SHEET NO. 73
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003		ROAD NO. COUNTY FINANCIAL PROJECT ID SR 46 LAKE 238275-2-52-01				

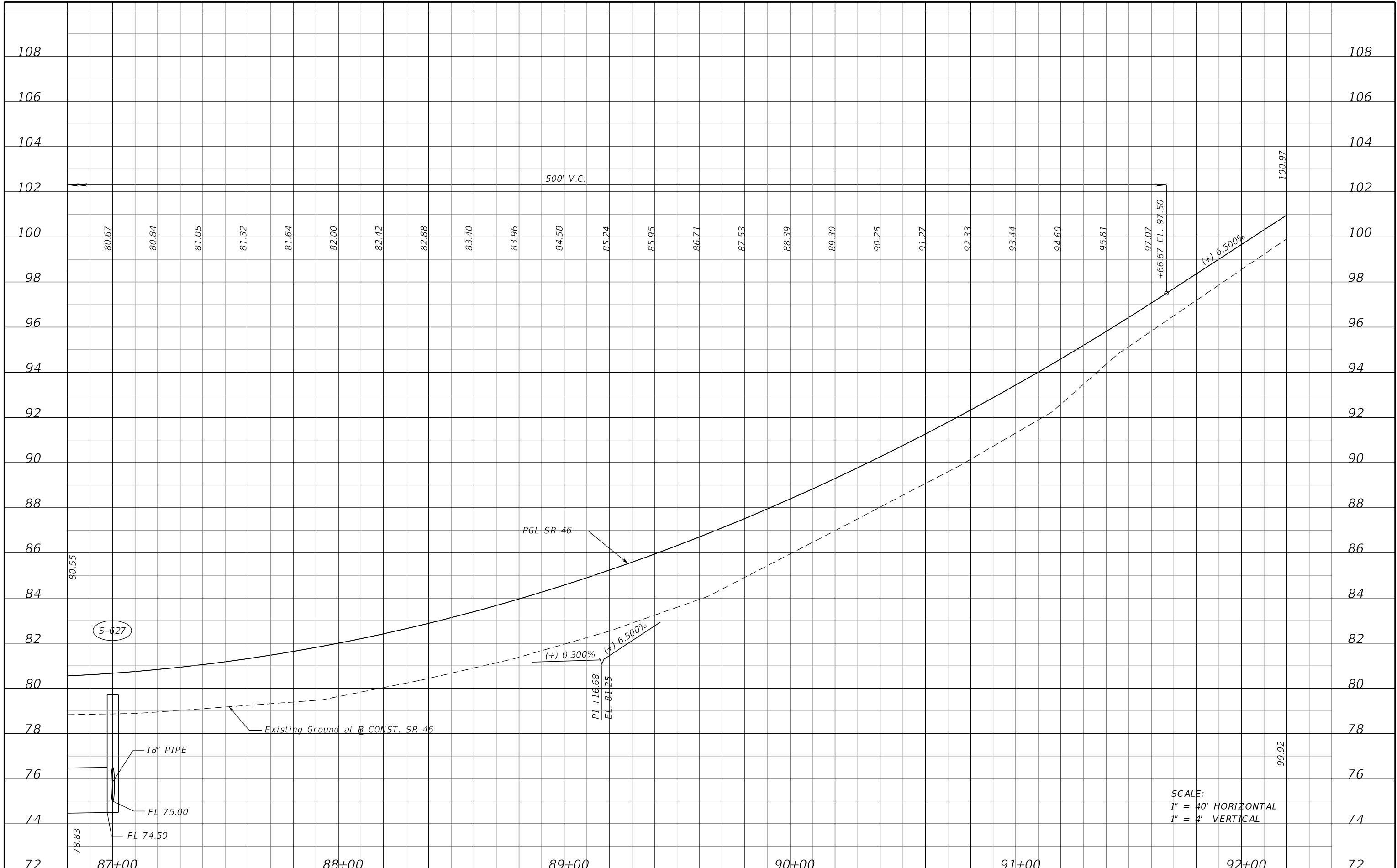
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
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82+00		83+00		84+00		85+00		86+00		60	
REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILE SHEET SR 46	SHEET NO. 74
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. COUNTY FINANCIAL PROJECT ID SR 46 LAKE 238275-2-52-01				

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SCALE:
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

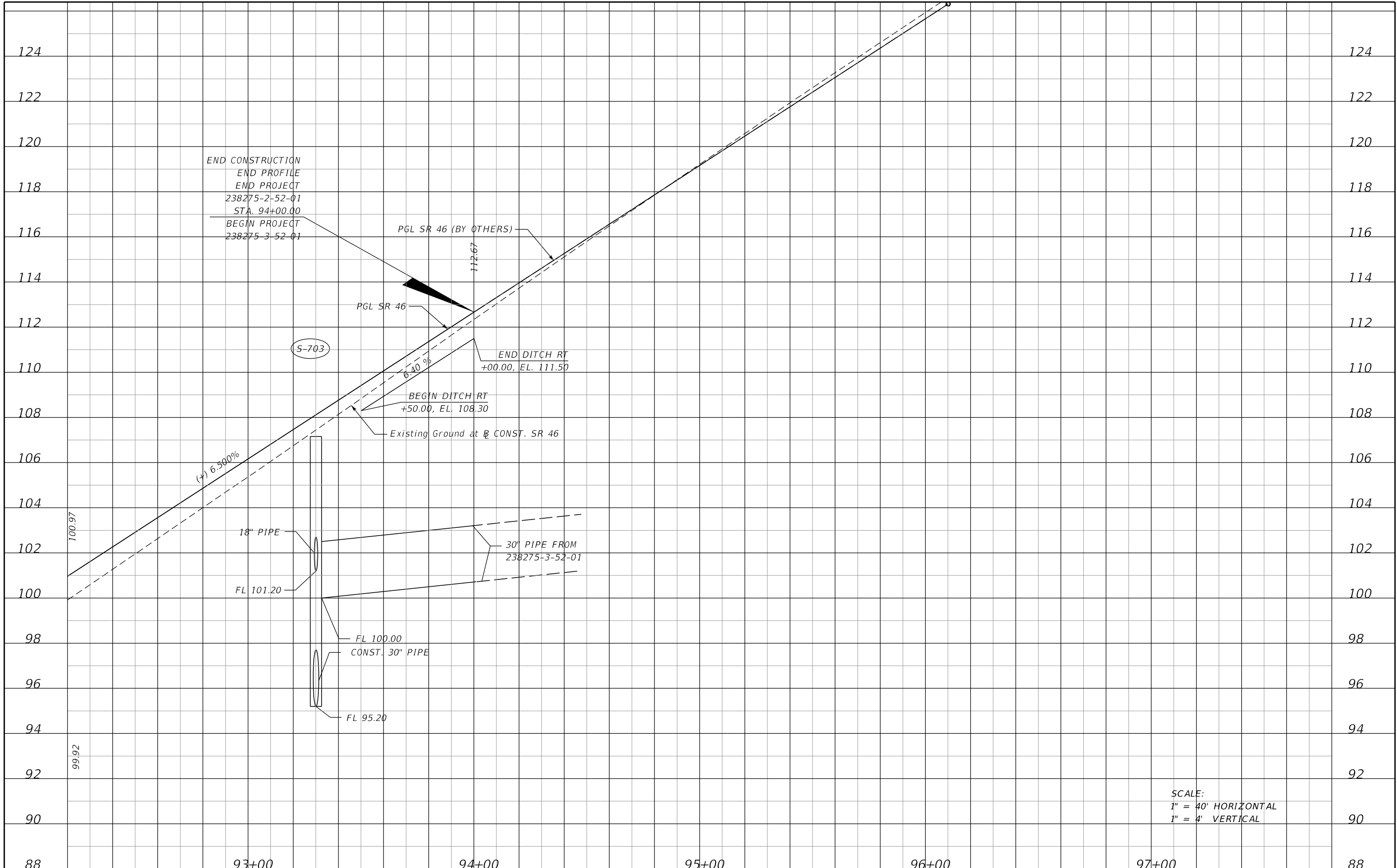
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 46

SHEET NO.
 75

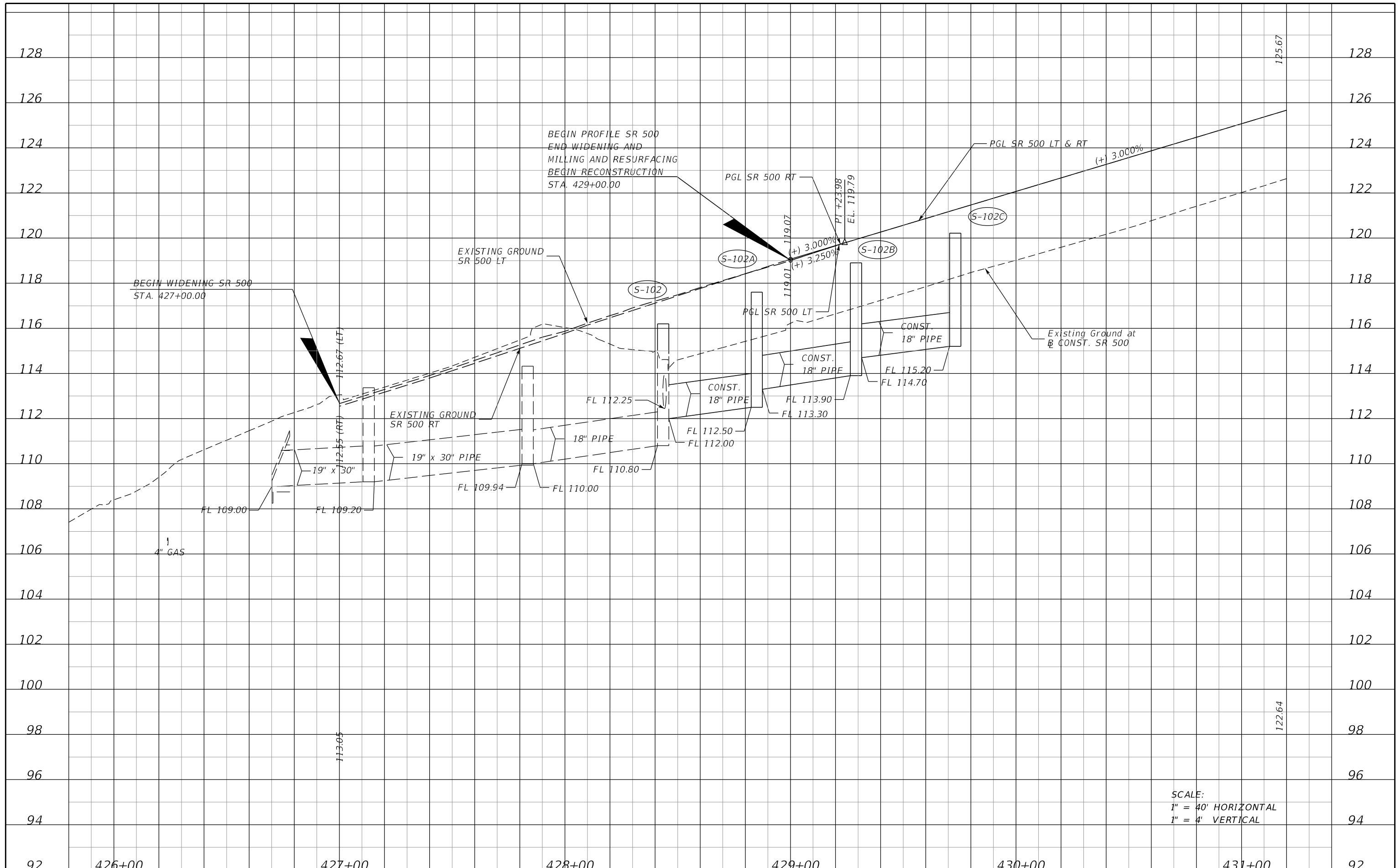
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
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 1" = 4' VERTICAL

88	93+00	94+00	95+00	96+00	97+00	88	
REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROADWAY PROFILE SHEET SR 46	
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY		FINANCIAL PROJECT ID
				SR 46	LAKE		238275-2-52-01
				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877		SHEET NO. 76	

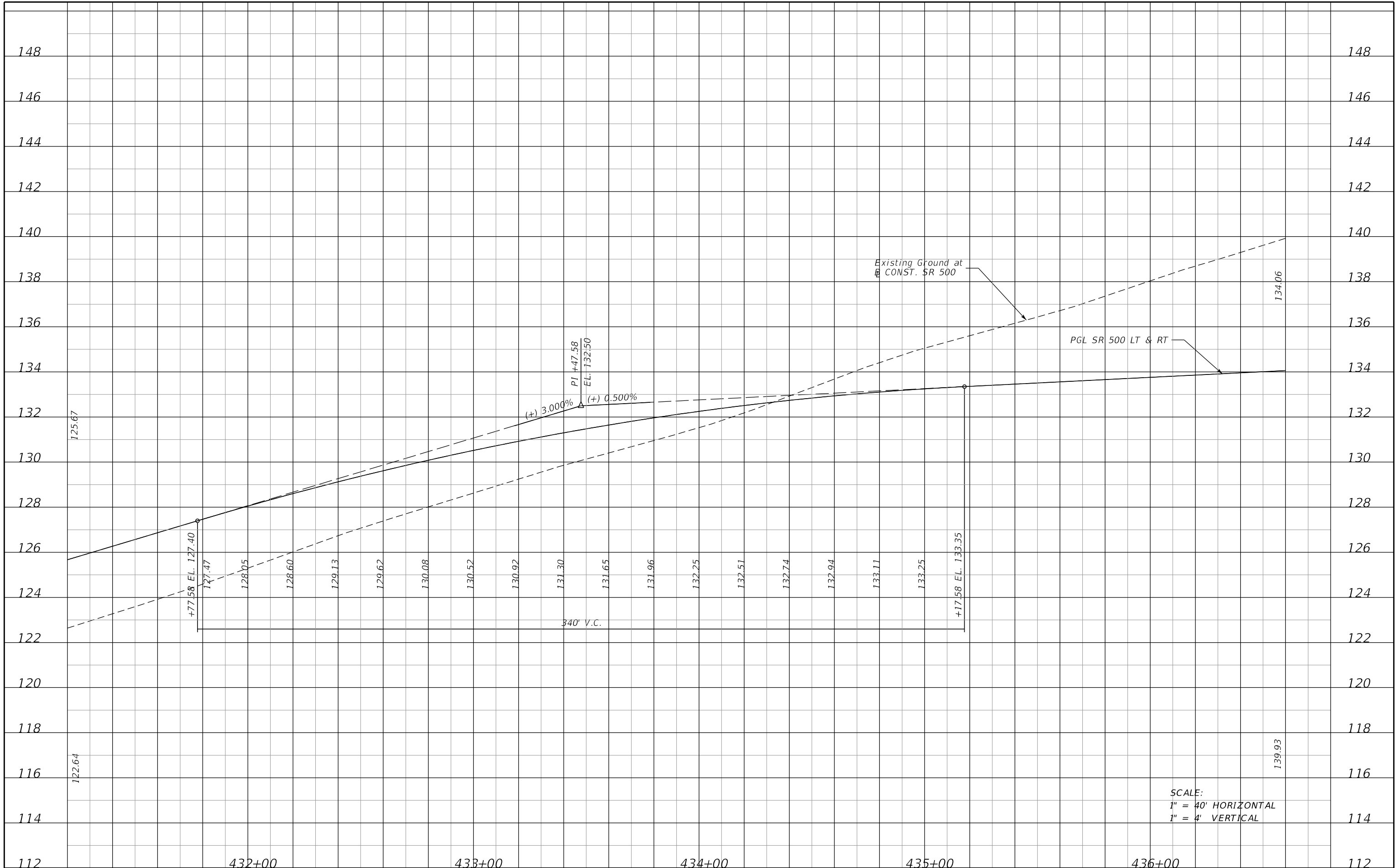
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

426+00	427+00	428+00	429+00	430+00	431+00	92																			
<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>SR 46</td> <td>LAKE</td> <td>238275-2-52-01</td> </tr> </table>		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 46	LAKE	238275-2-52-01	ROADWAY PROFILE SHEET SR 500	SHEET NO. 77
REVISIONS																									
DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
SR 46	LAKE	238275-2-52-01																							

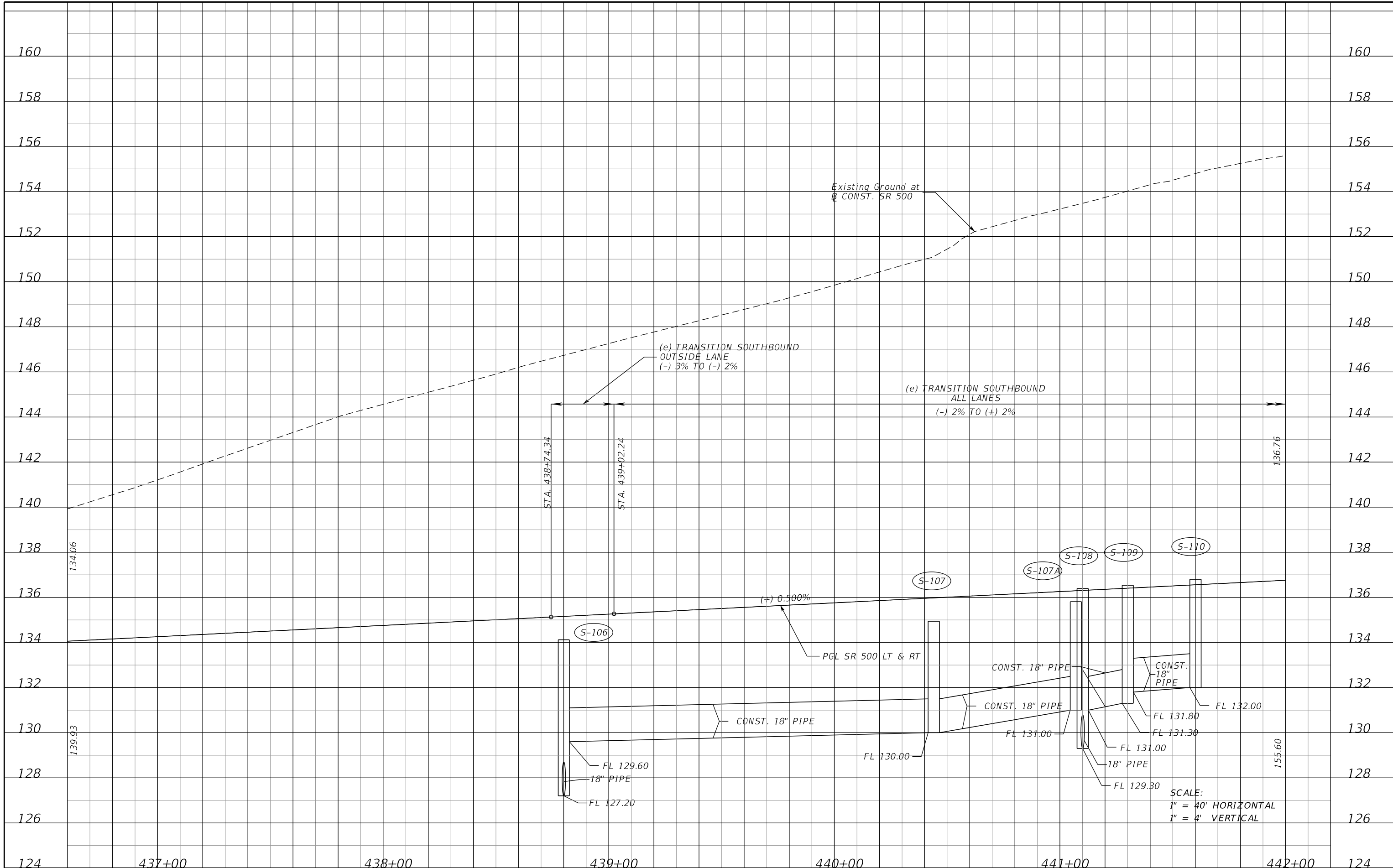
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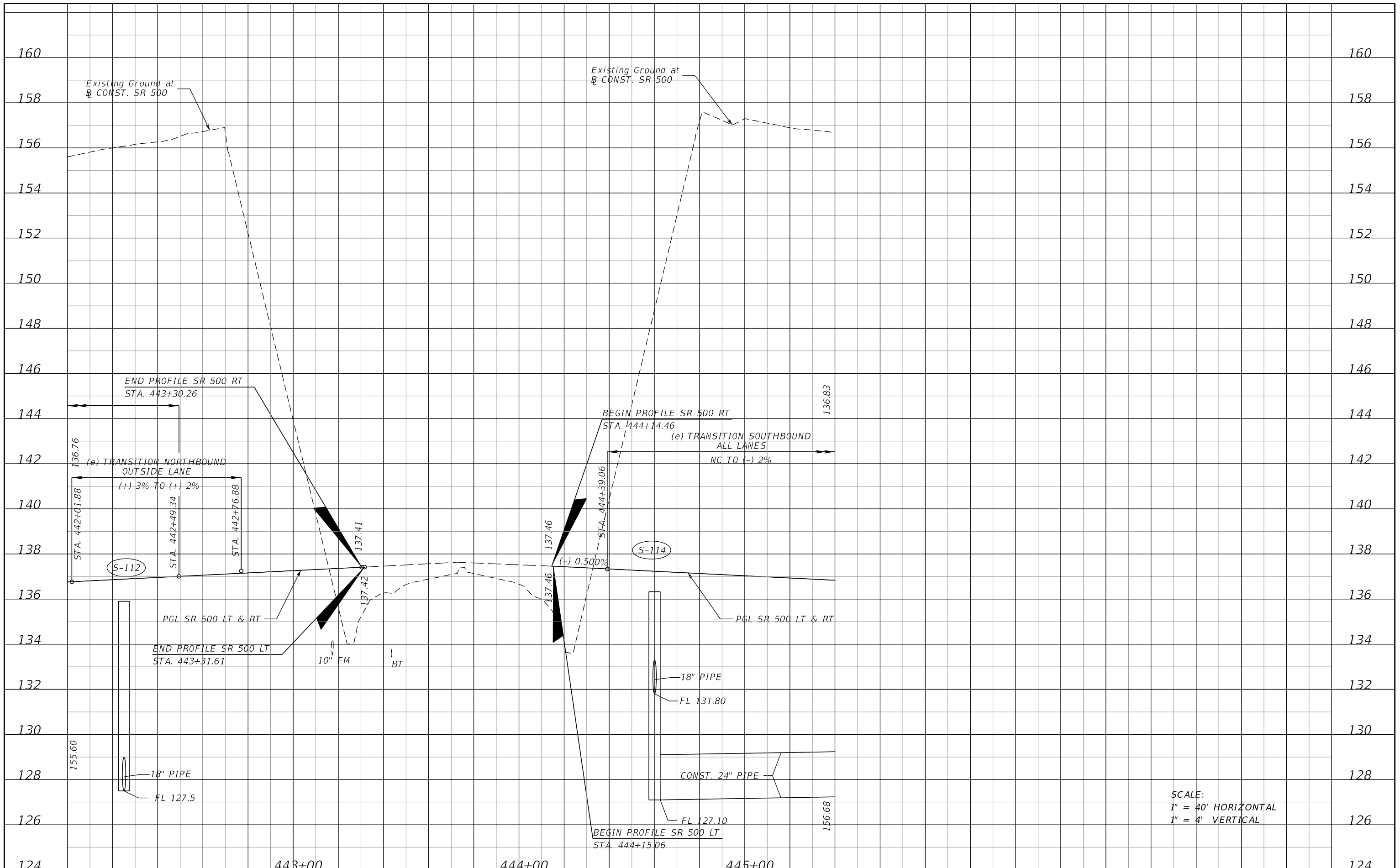
432+00	433+00	434+00	435+00	436+00	112
REVISIONS		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROADWAY PROFILE SHEET	
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	SHEET NO.
				SR 46	78
MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003				COUNTY	FINANCIAL PROJECT ID
				LAKE	238275-2-52-01

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



437+00	438+00	439+00	440+00	441+00	442+00						
<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>		REVISIONS		DATE	DESCRIPTION			MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 46 COUNTY LAKE FINANCIAL PROJECT ID 238275-2-52-01	ROADWAY PROFILE SHEET SR 500	SHEET NO. 79
REVISIONS											
DATE	DESCRIPTION										

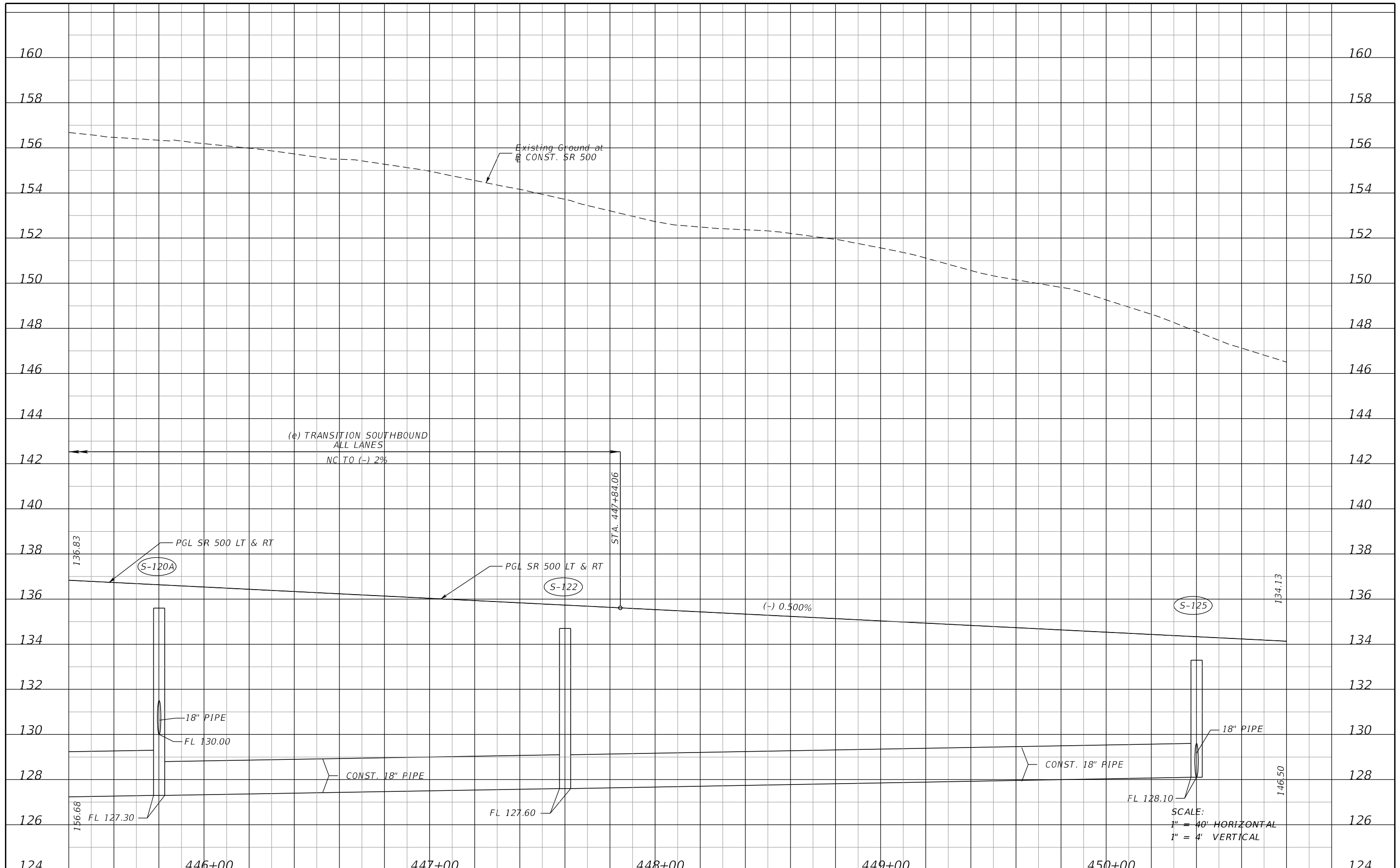
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
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 1" = 4' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILE SHEET SR 500	SHEET NO. 80
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	ROAD NO. SR 46	COUNTY LAKE		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

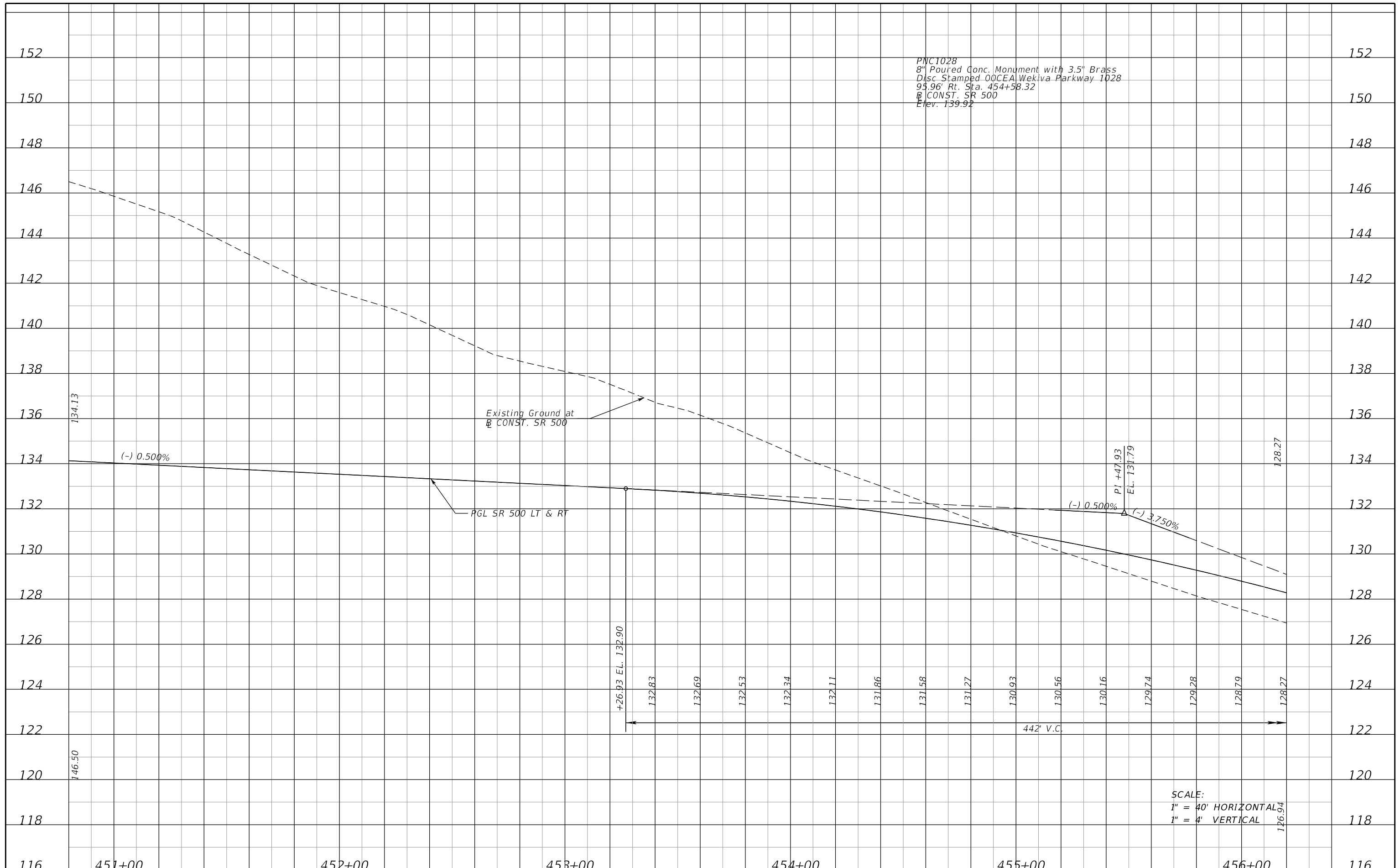
MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

<p>ROADWAY PROFILE SHEET</p> <p>SR 500</p>	<p>SHEET NO.</p> <p>81</p>
--	----------------------------

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PNC1028
 8" Poured Conc. Monument with 3.5" Brass
 Disc Stamped 00CEA, Wekiva Parkway 1028
 95.96' Rt. Sta. 454+58.32
 B CONST. SR 500
 Elev. 139.92

Existing Ground at
 B CONST. SR 500

PGL SR 500 LT & RT

PI +47.93
 EL. 131.79
 (-) 0.500%
 (-) 3.750%

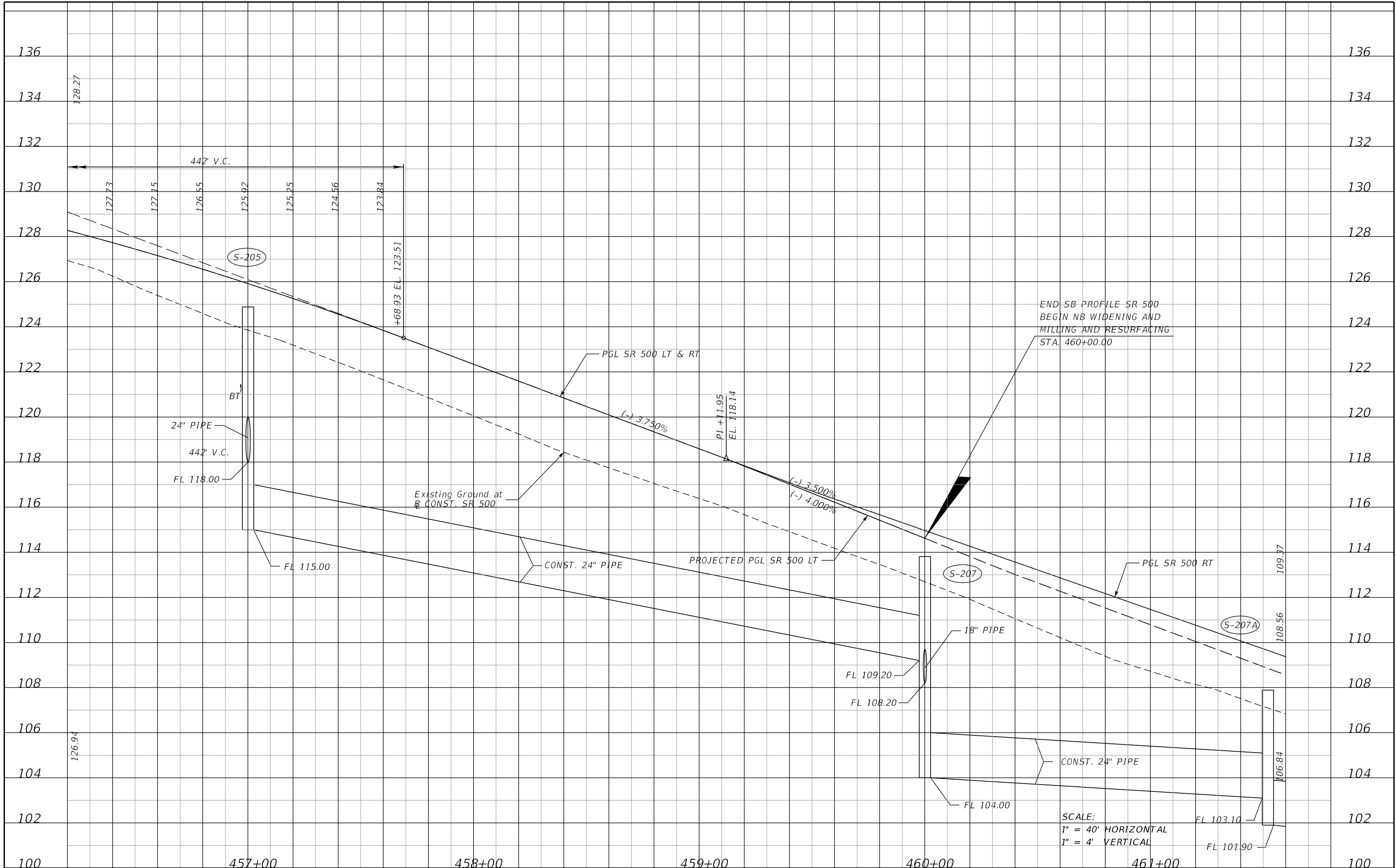
+26.93 EL. 132.90

442' V.C.

SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

116	451+00	452+00	453+00	454+00	455+00	456+00	116	
REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01	
ROADWAY PROFILE SHEET SR 500							SHEET NO. 82	

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SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

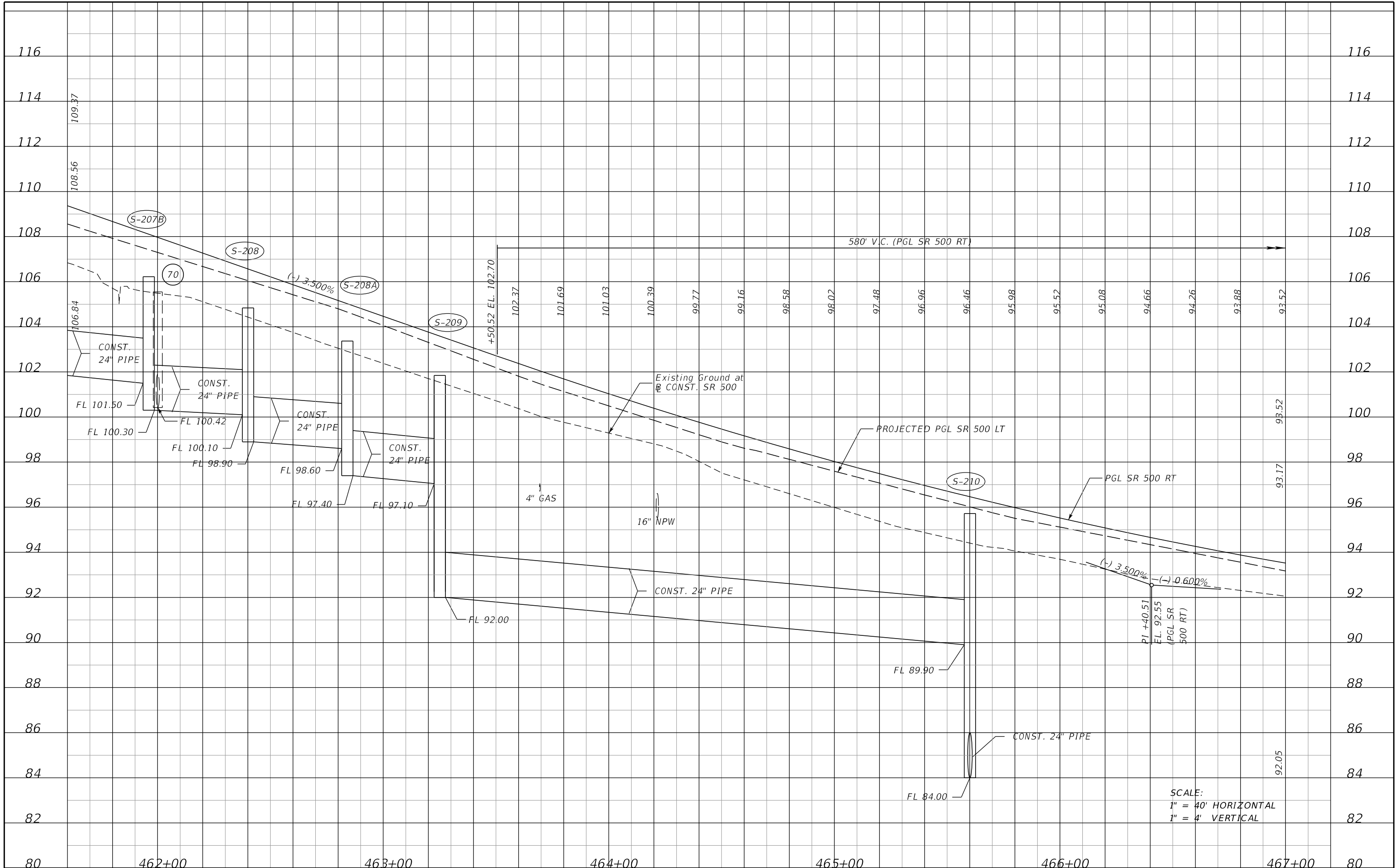
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 500

SHEET NO.
83

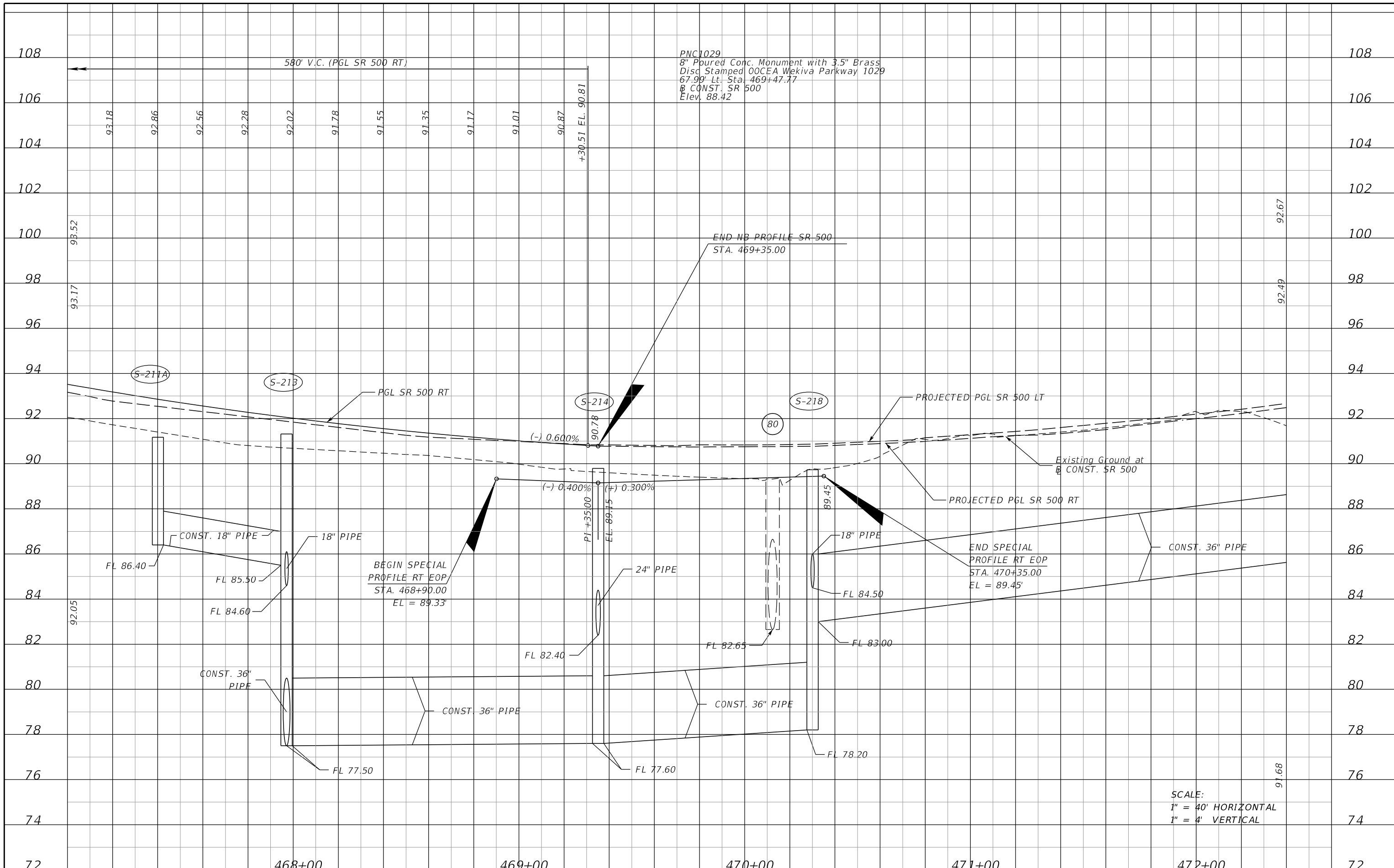
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

80	462+00	463+00	464+00	465+00	466+00	467+00	80
REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROADWAY PROFILE SHEET	
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SHEET NO.
				SR 46	LAKE	238275-2-52-01	84
MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003				ROADWAY PROFILE SHEET SR 500			

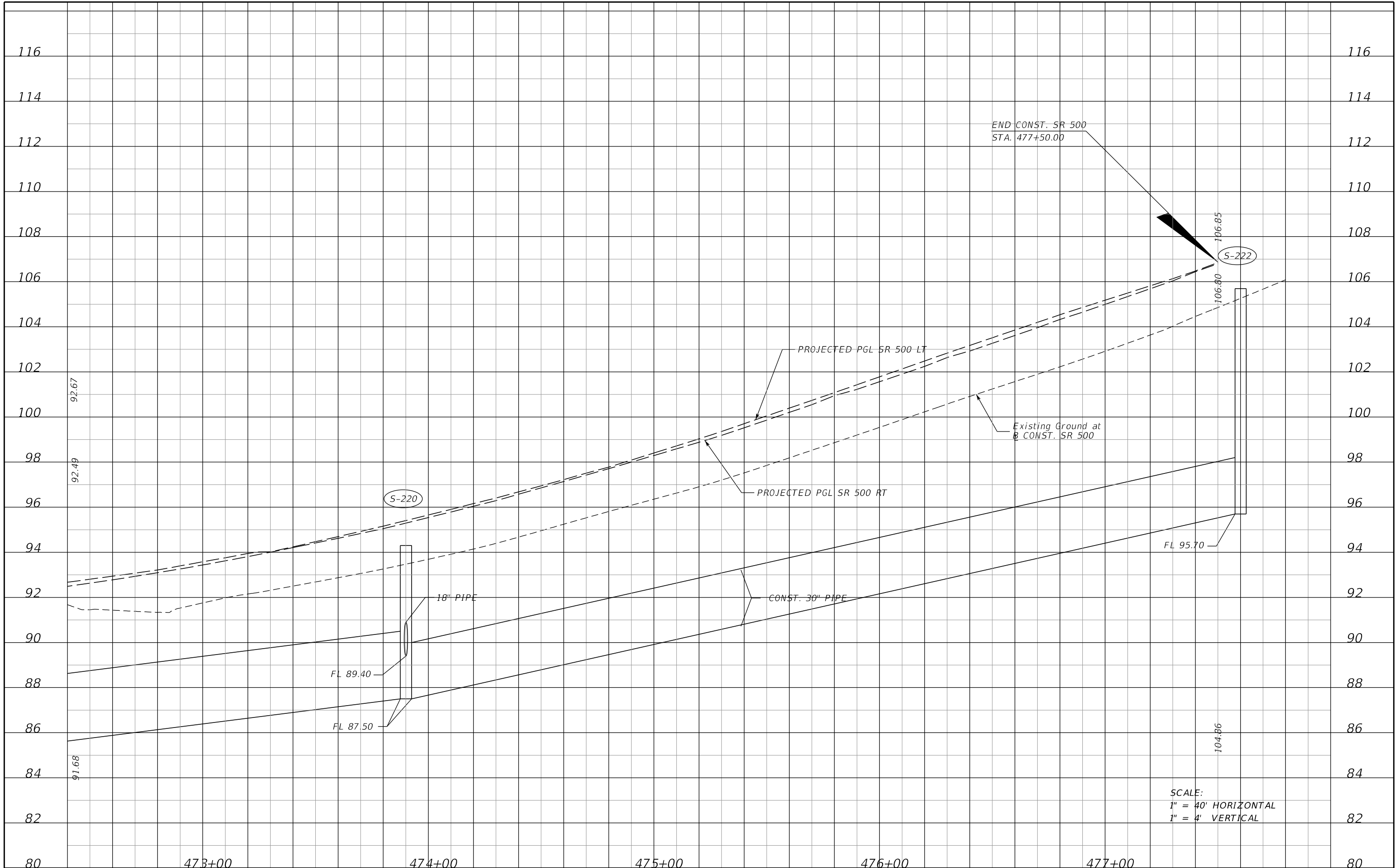
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
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 1" = 4' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILE SHEET SR 500	SHEET NO. 85
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	ROAD NO. SR 46	COUNTY LAKE		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

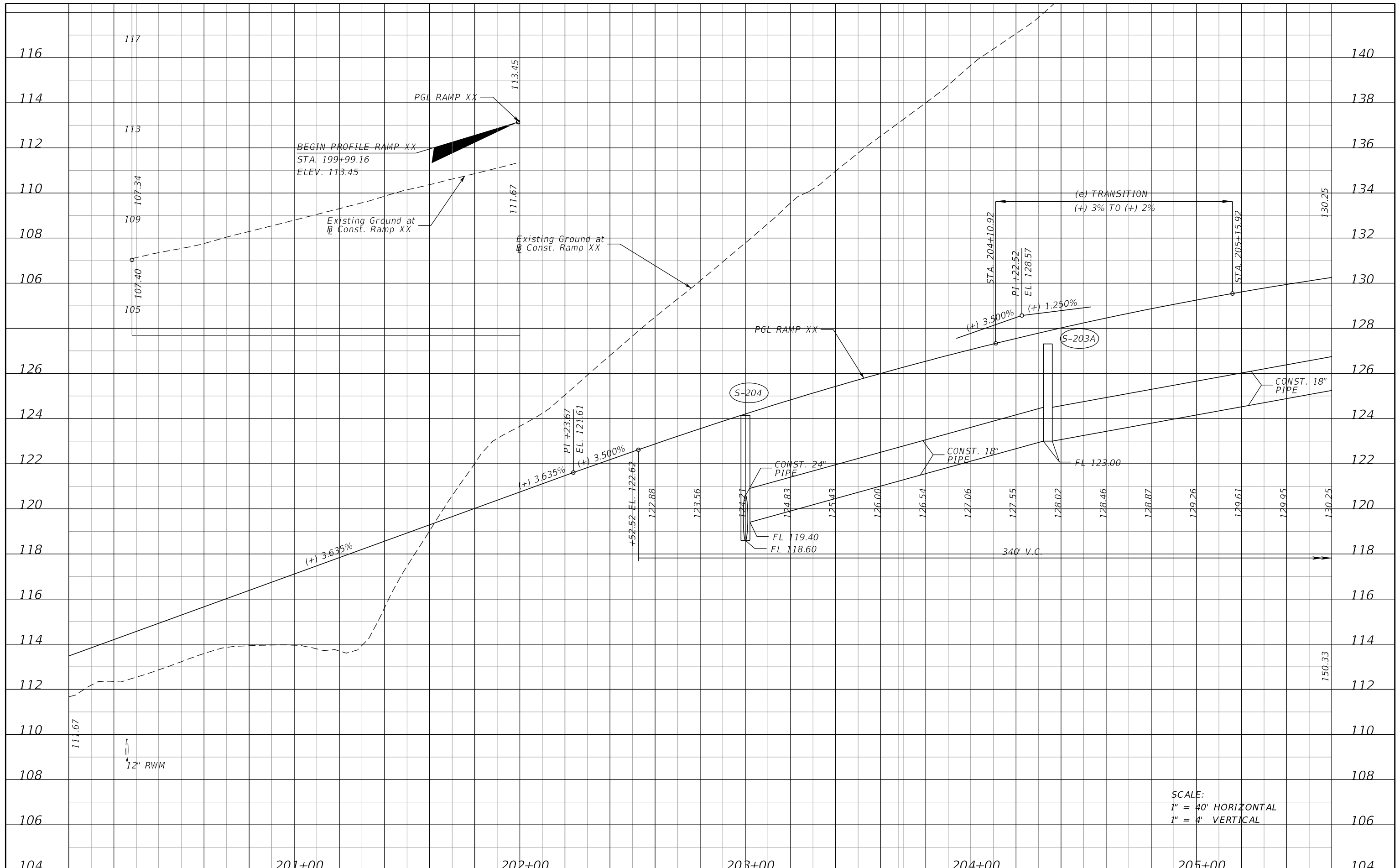
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
SR 500

SHEET NO.
86

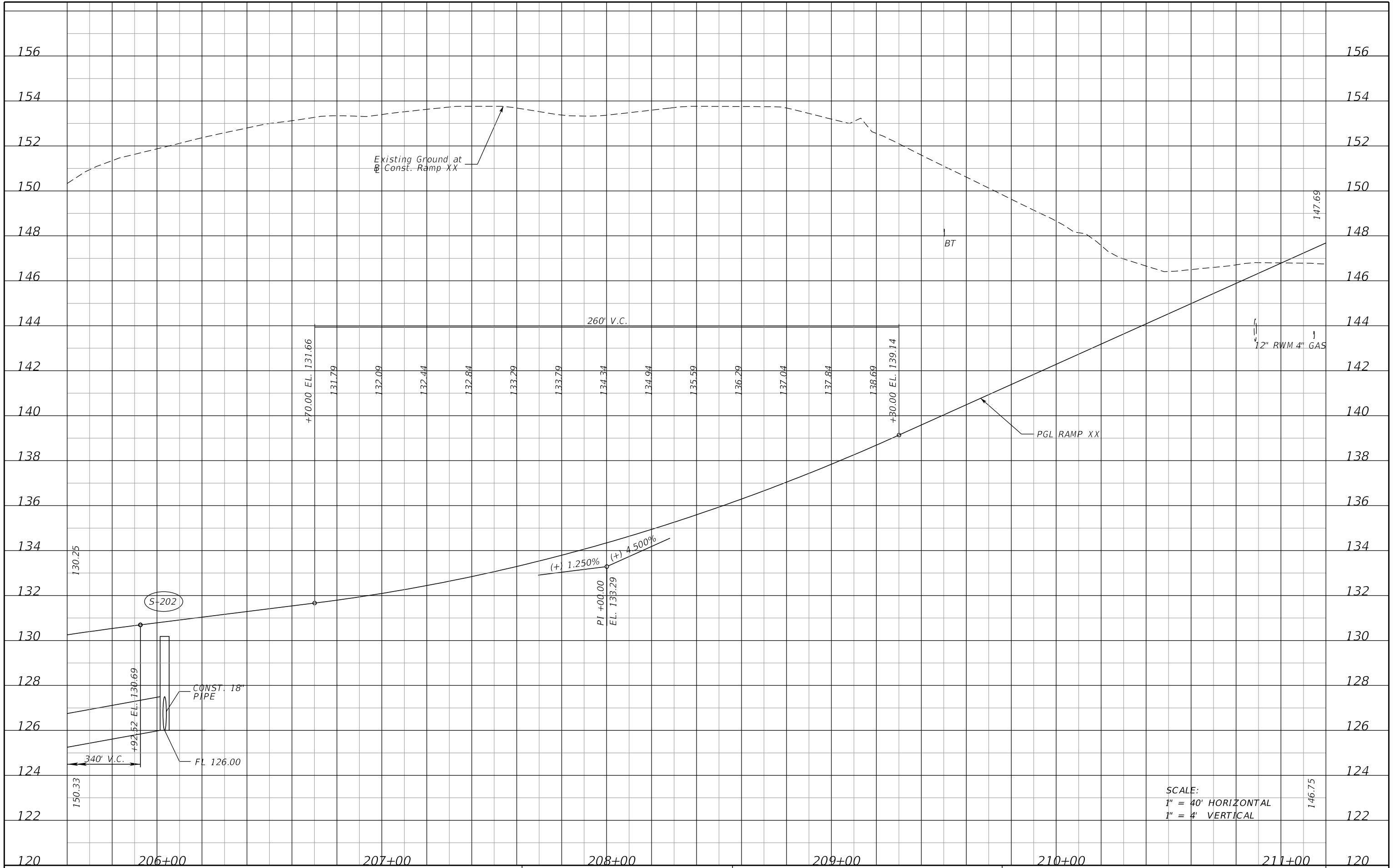
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
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 1" = 4' VERTICAL

REVISIONS		DATE		DESCRIPTION		DATE		DESCRIPTION		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILE SHEET RAMP XX			SHEET NO.
										ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO.	COUNTY	FINANCIAL PROJECT ID				87
													SR 46	LAKE	238275-2-52-01				

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
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 CERT. OF AUTH. NO. 4877

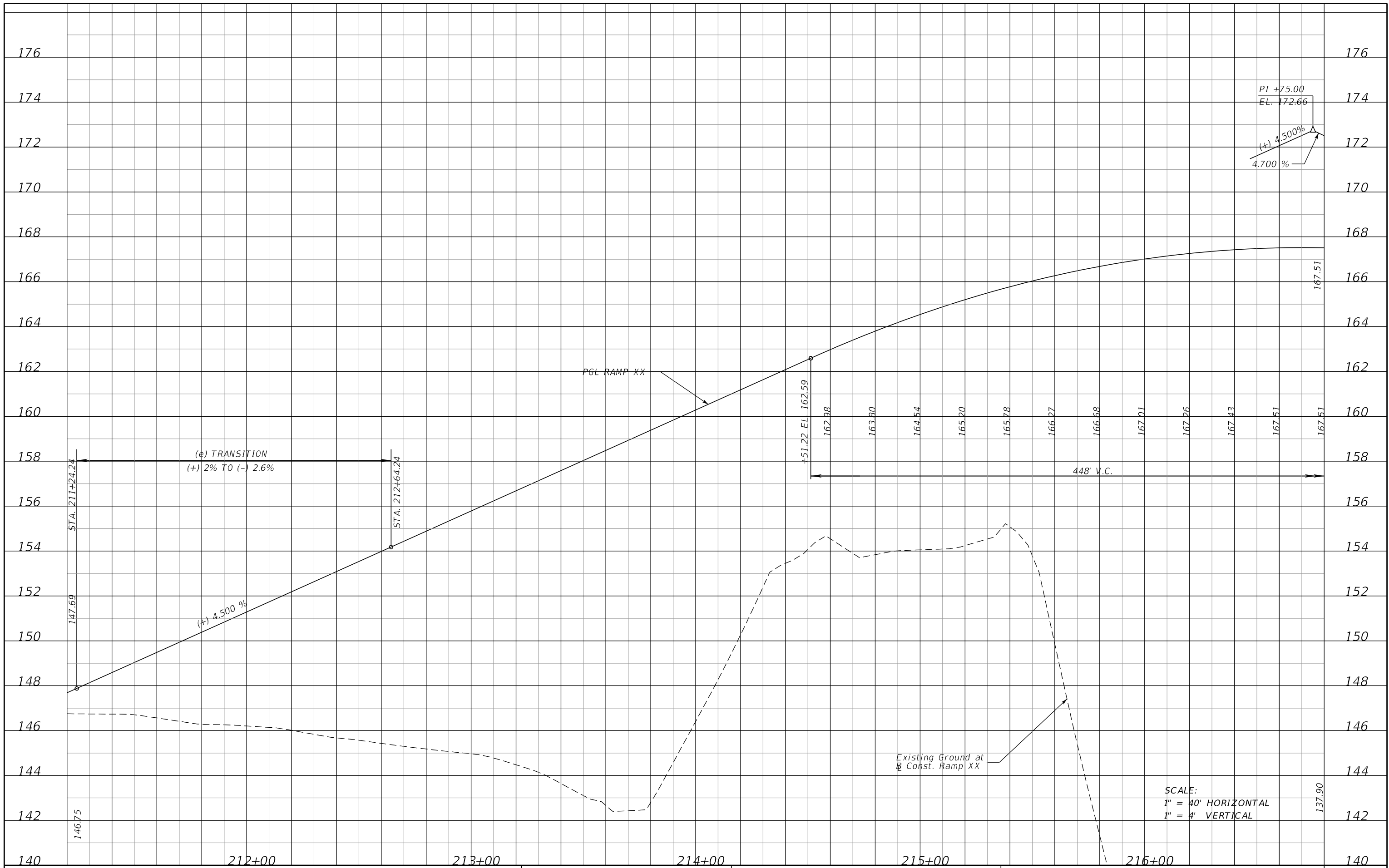
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
RAMP XX

SHEET NO.
88

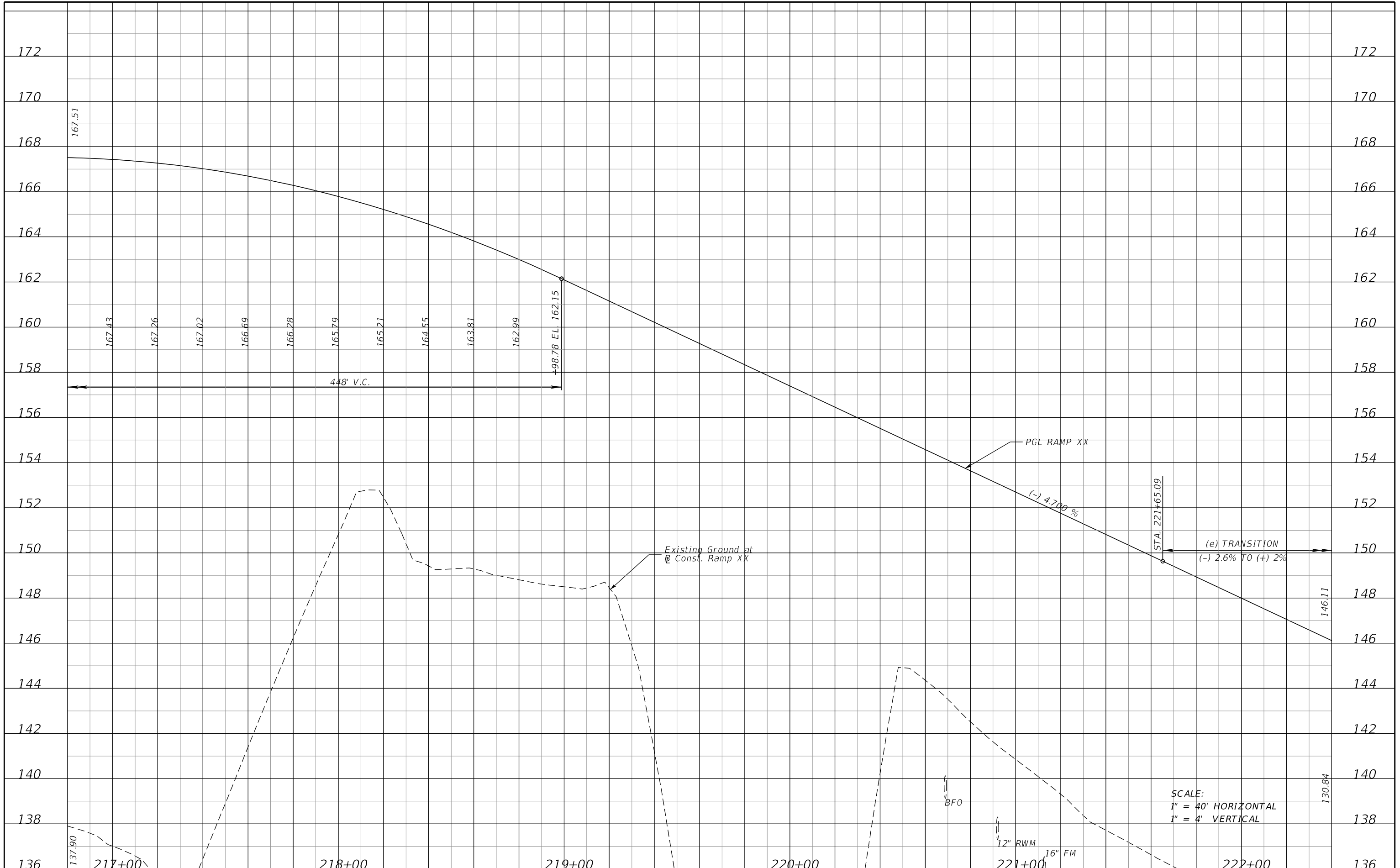
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
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 1" = 4' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILE SHEET RAMP XX	SHEET NO. 89
			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	ROAD NO. SR 46	COUNTY LAKE		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

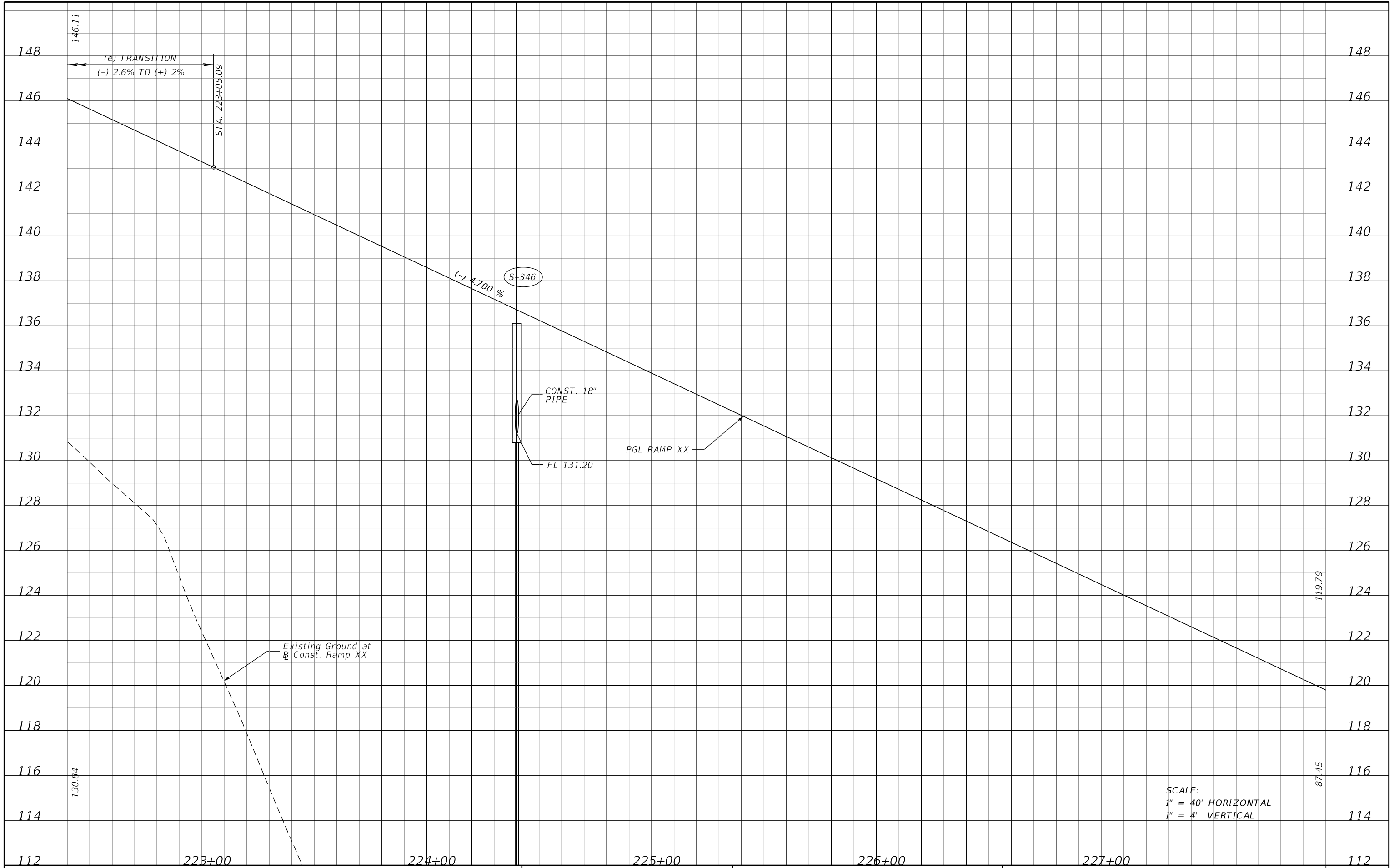
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
RAMP XX

SHEET NO.
90



SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
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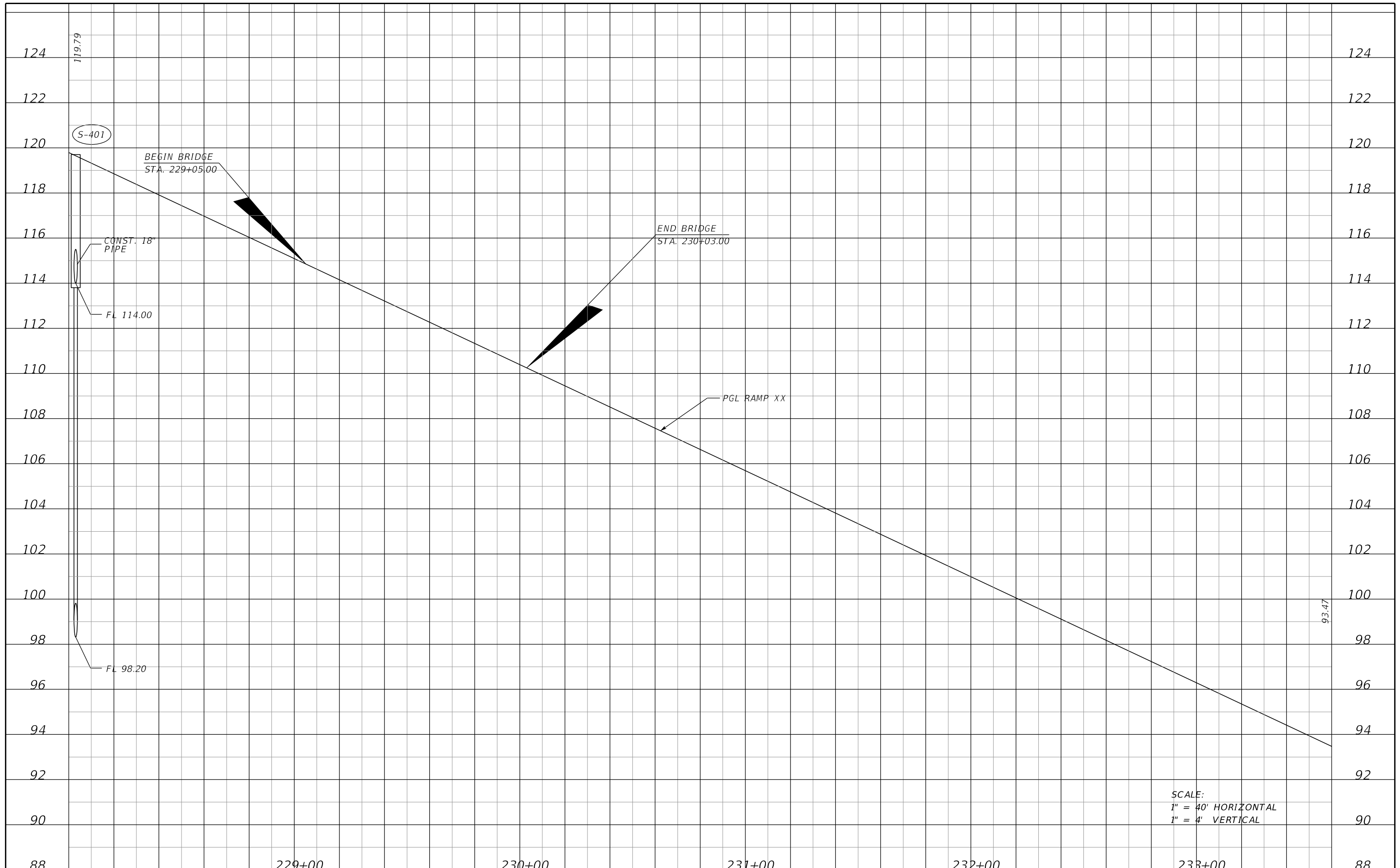
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
RAMP XX

SHEET NO.
 91

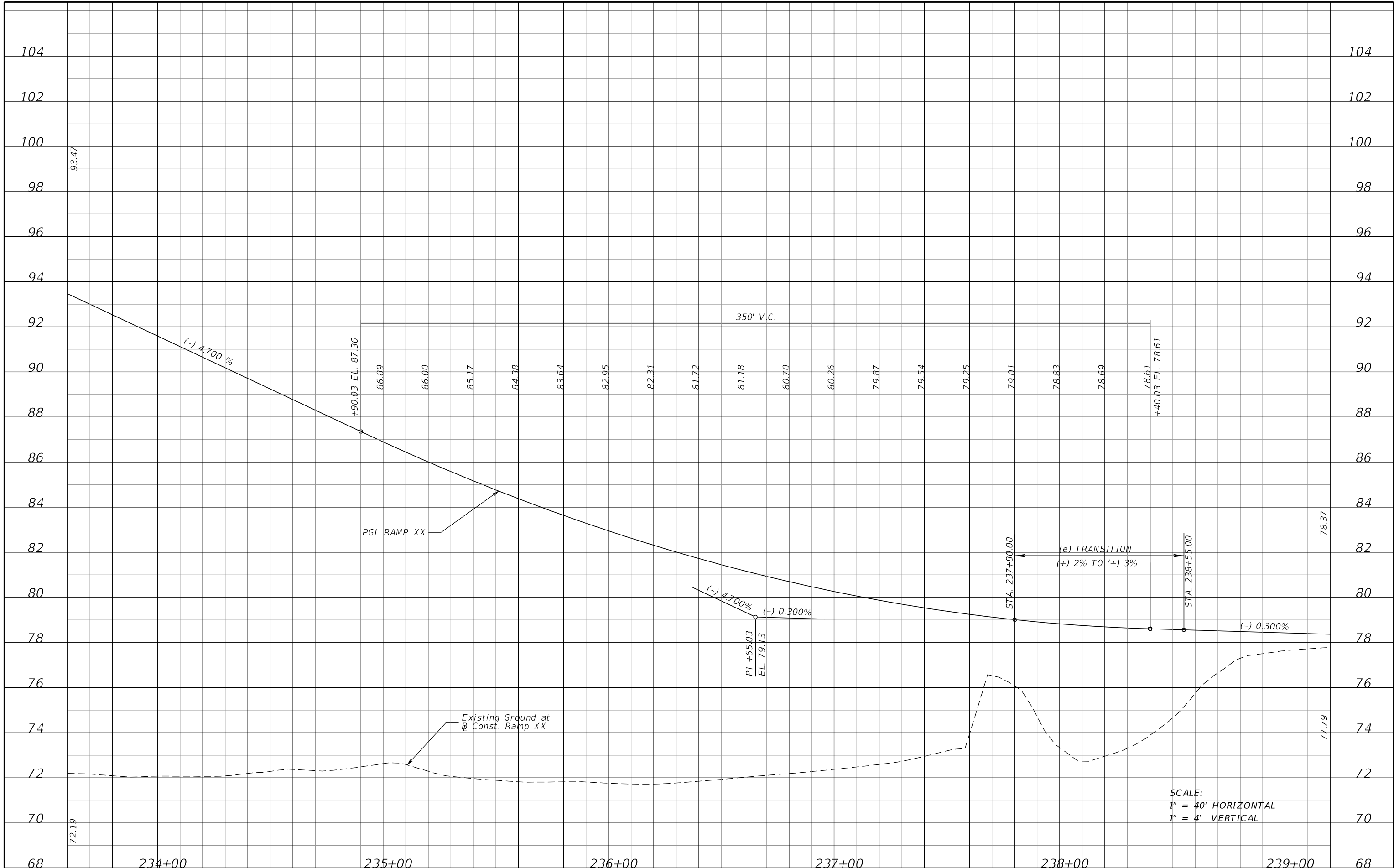
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SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

DATE		DESCRIPTION		DATE		DESCRIPTION		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILE SHEET RAMP XX		SHEET NO. 92
								ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01			

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REVISIONS			
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MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

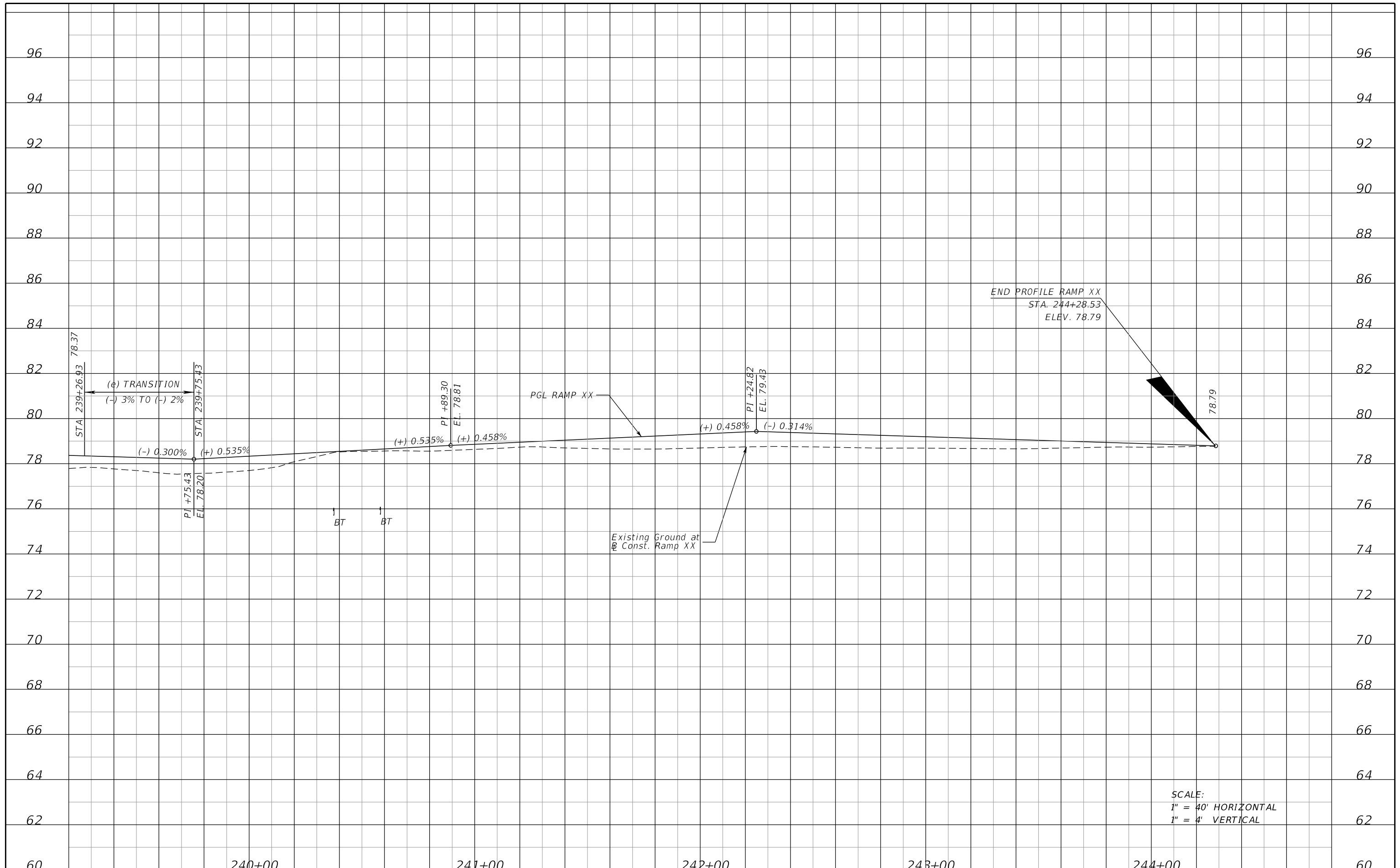
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ROADWAY PROFILE SHEET
RAMP XX

SHEET NO.
93

SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

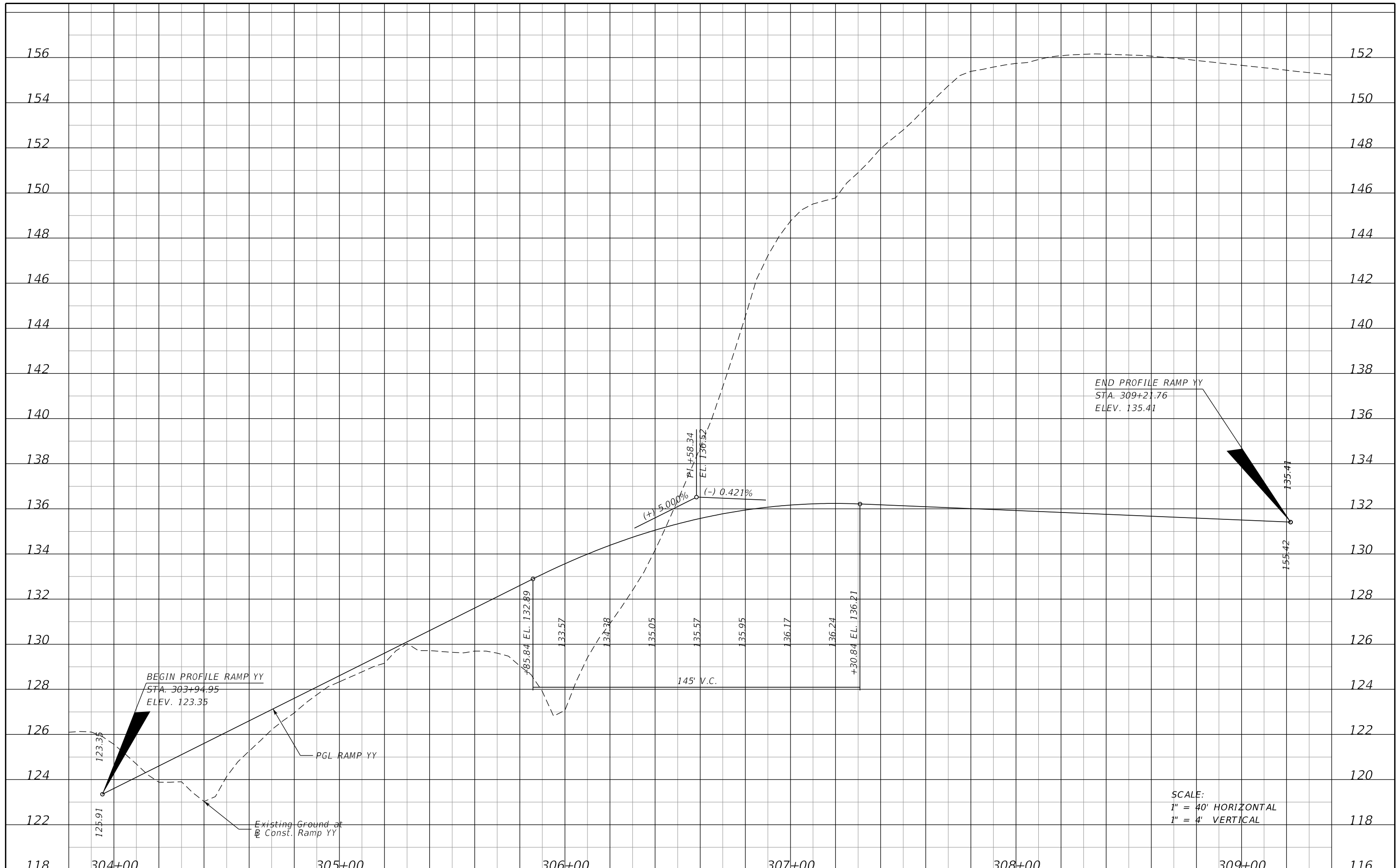
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

60	240+00	241+00	242+00	243+00	244+00	60	
REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROADWAY PROFILE SHEET RAMP XX	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY		FINANCIAL PROJECT ID
			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	

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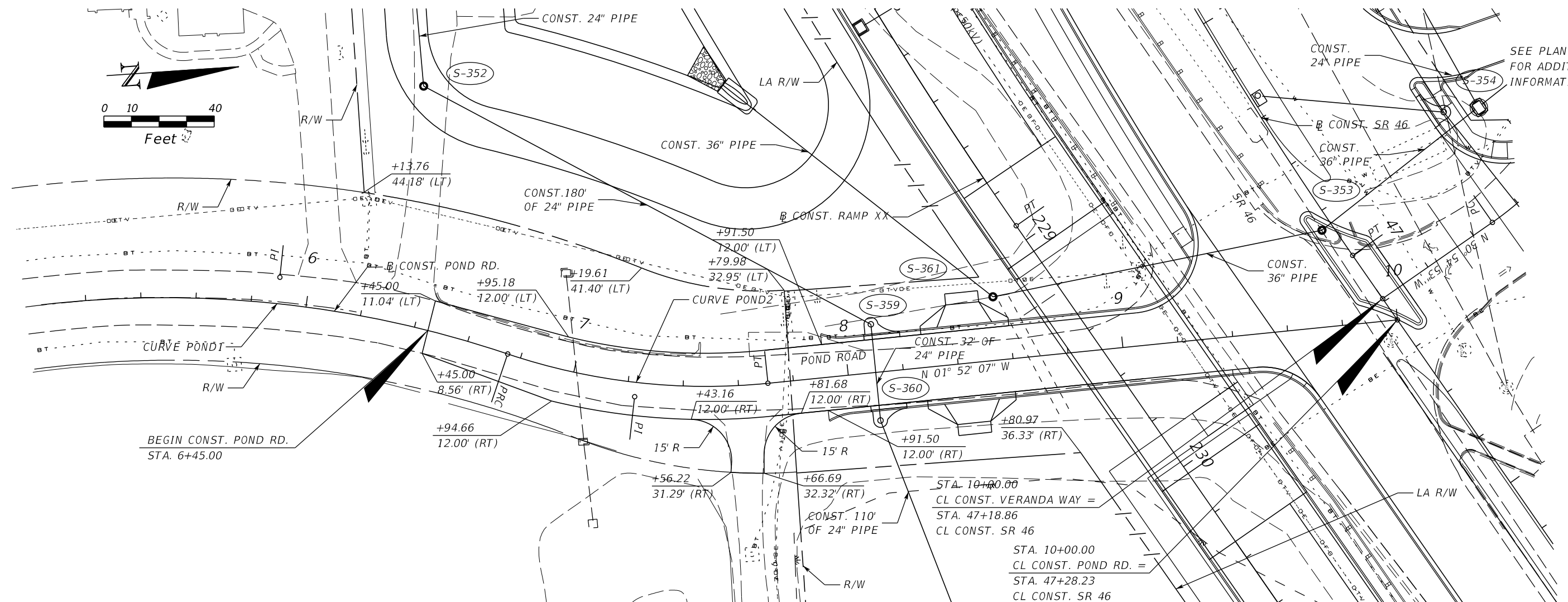
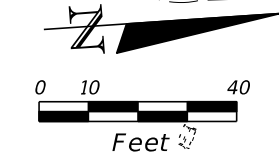


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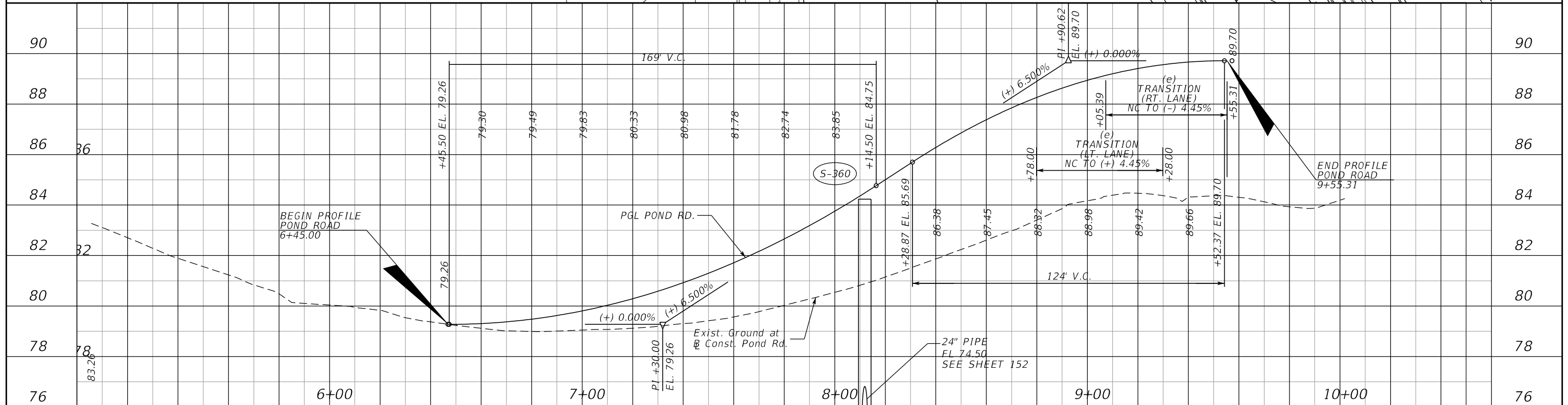
MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01

ROADWAY PROFILE SHEET RAMP YY			SHEET NO. 95
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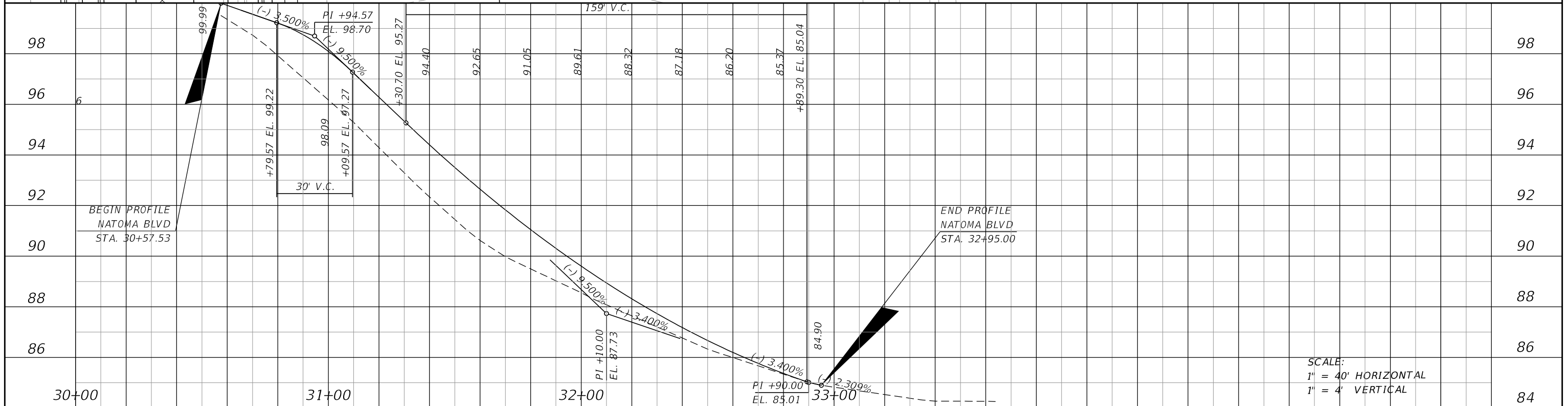
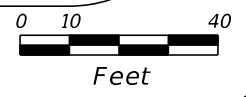
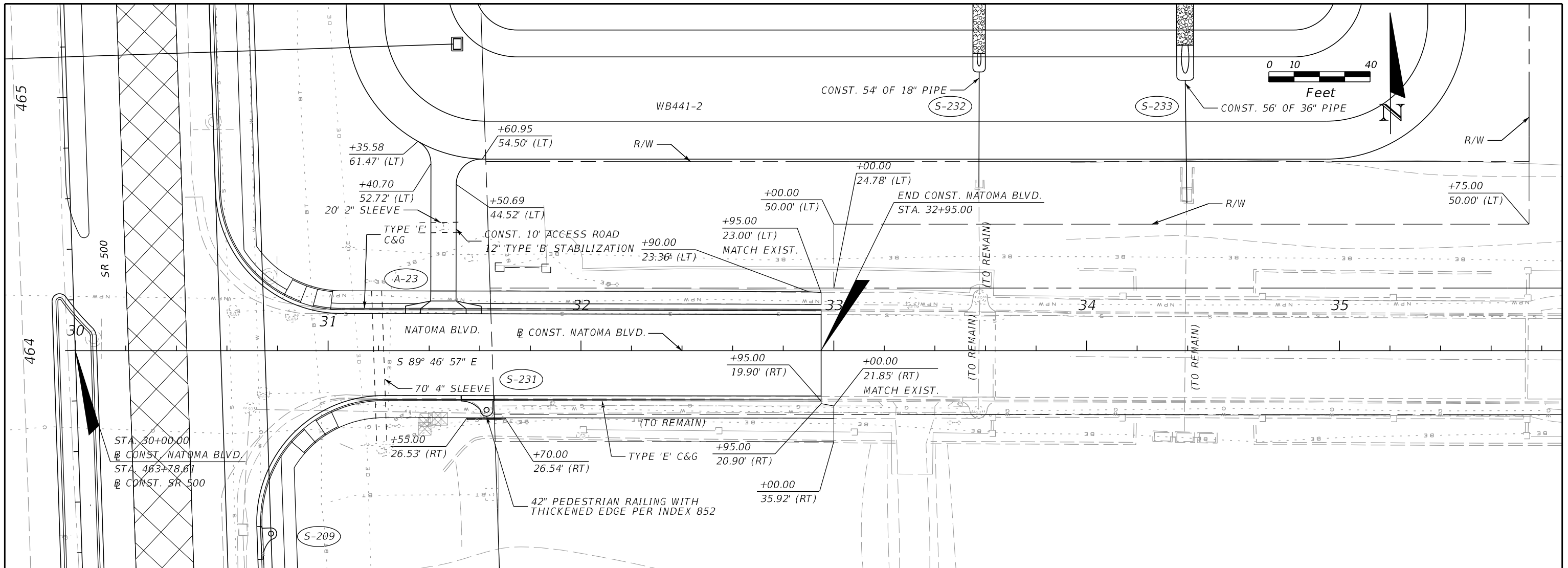
SEE PLAN SHEET 5 FOR ADDITIONAL INFORMATION



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 96
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	

PLAN AND PROFILE SHEET
POND ROAD

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
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 CERT. OF AUTH. NO. 4877

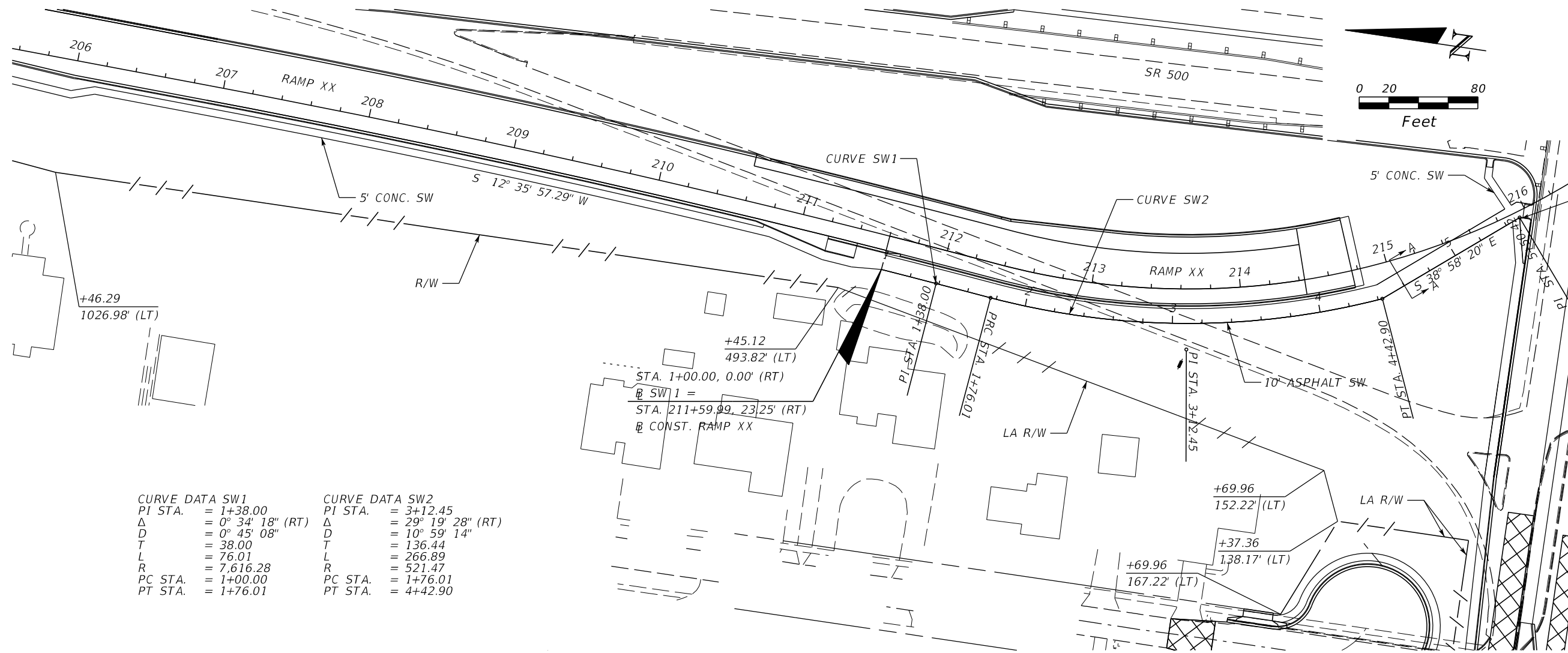
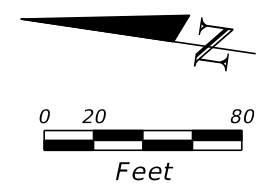
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

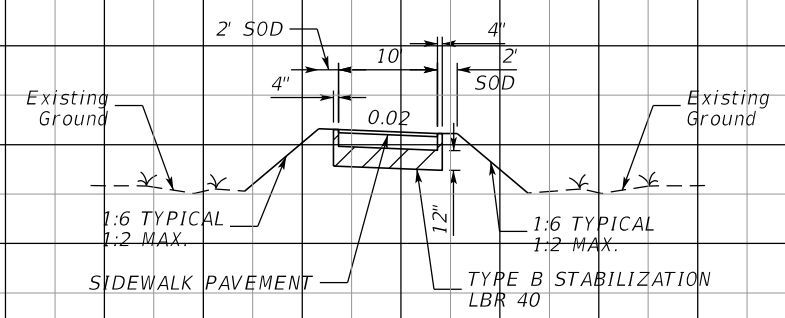
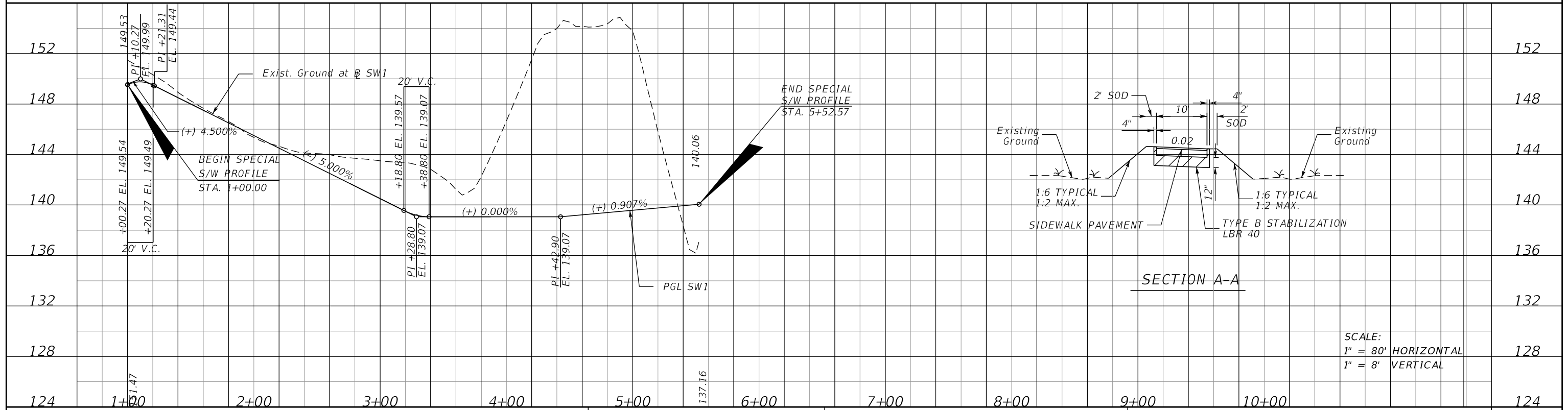
PLAN AND PROFILE SHEET
NATOMA BLVD.

SHEET NO.
 97

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



CURVE DATA SW1		CURVE DATA SW2	
PI STA.	= 1+38.00	PI STA.	= 3+12.45
Δ	= 0° 34' 18" (RT)	Δ	= 29° 19' 28" (RT)
D	= 0° 45' 08"	D	= 10° 59' 14"
T	= 38.00	T	= 136.44
L	= 76.01	L	= 266.89
R	= 7,616.28	R	= 521.47
PC STA.	= 1+00.00	PC STA.	= 1+76.01
PT STA.	= 1+76.01	PT STA.	= 4+42.90



SCALE:
 1" = 80' HORIZONTAL
 1" = 8' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

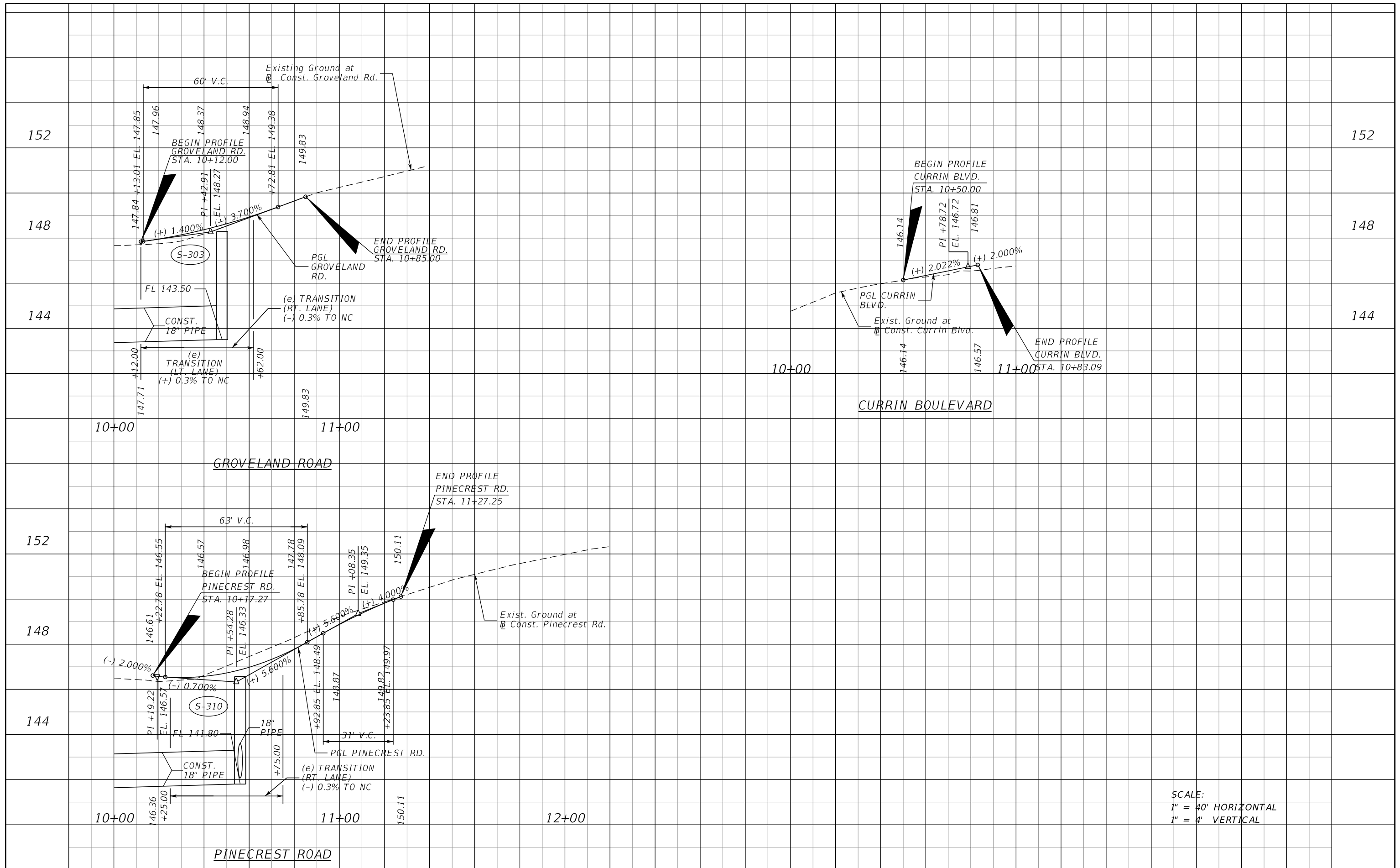
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**BACK-OF-SIDEWALK
 PLAN AND PROFILE**

SHEET NO. 98

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SCALE:
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 1" = 4' VERTICAL

REVISIONS			
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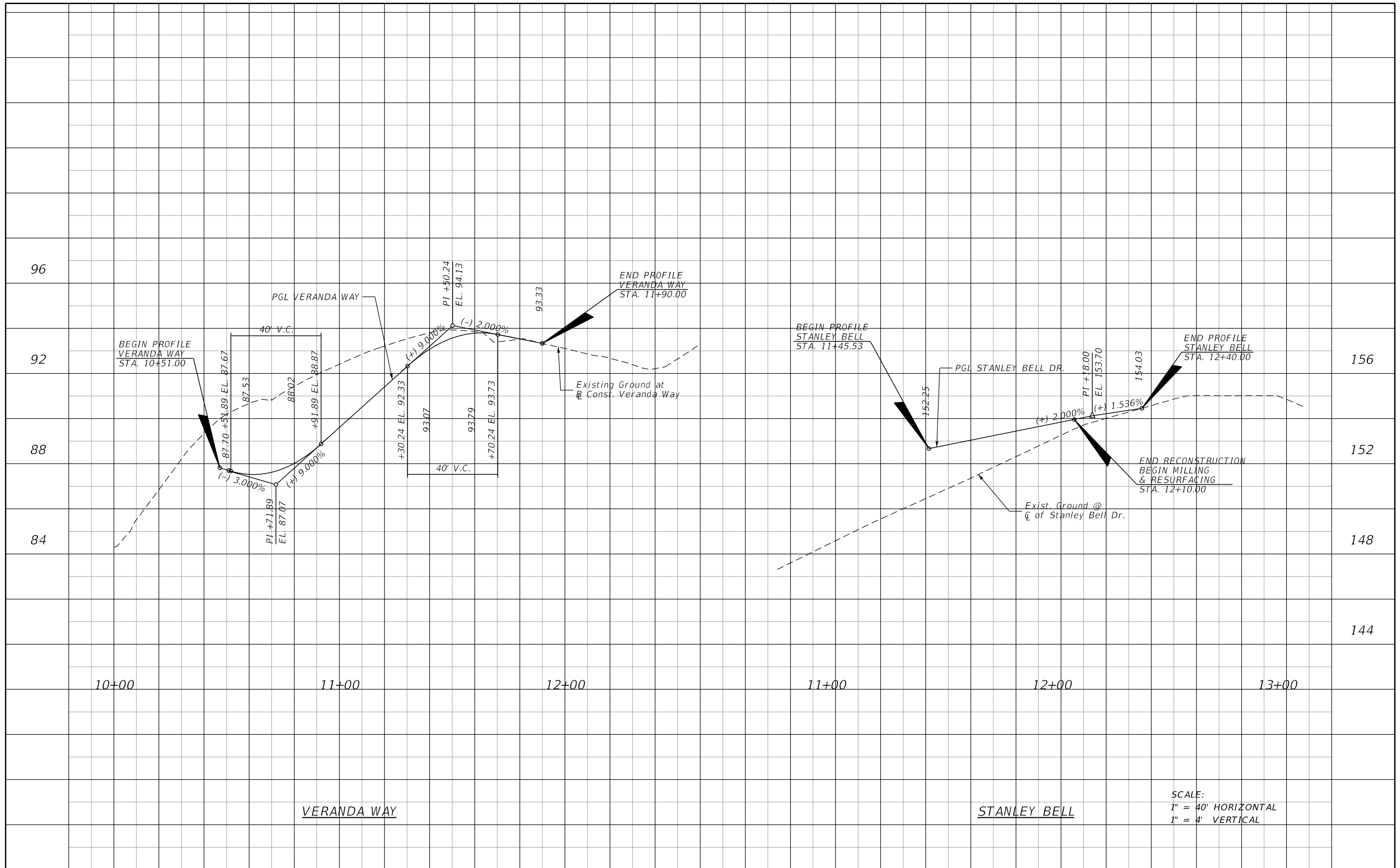
ENGINEER OF RECORD:
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 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SPECIAL PROFILES
SIDE STREETS

SHEET NO. 99

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

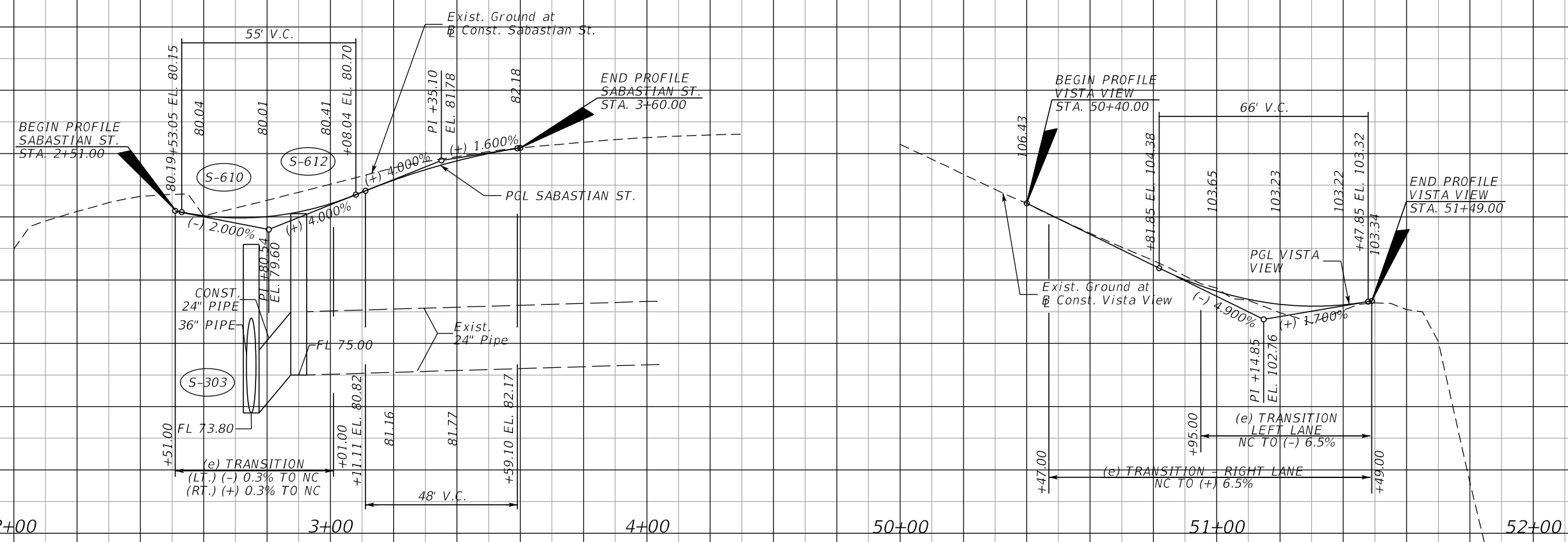


SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SPECIAL PROFILES SIDESTREETS	SHEET NO. 100
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		

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SABASTIAN ST.

VISTA VIEW

SCALE:
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

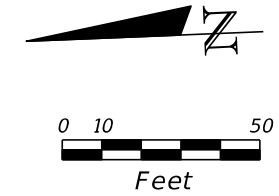
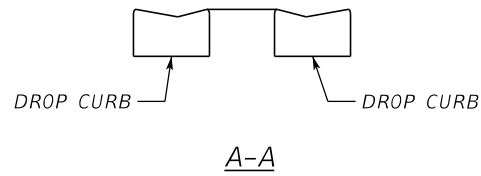
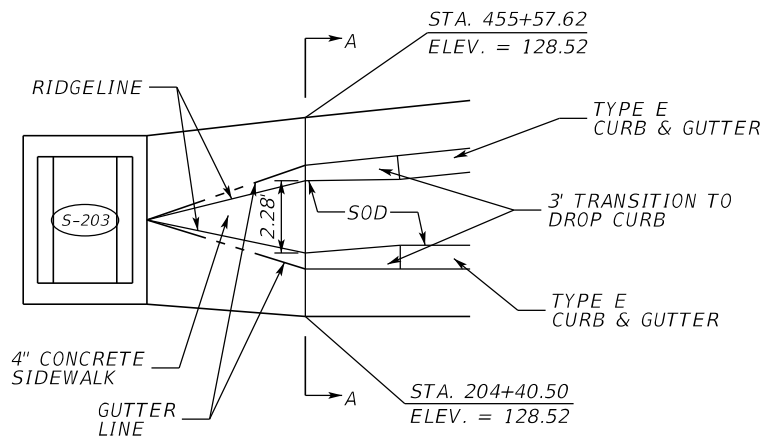
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

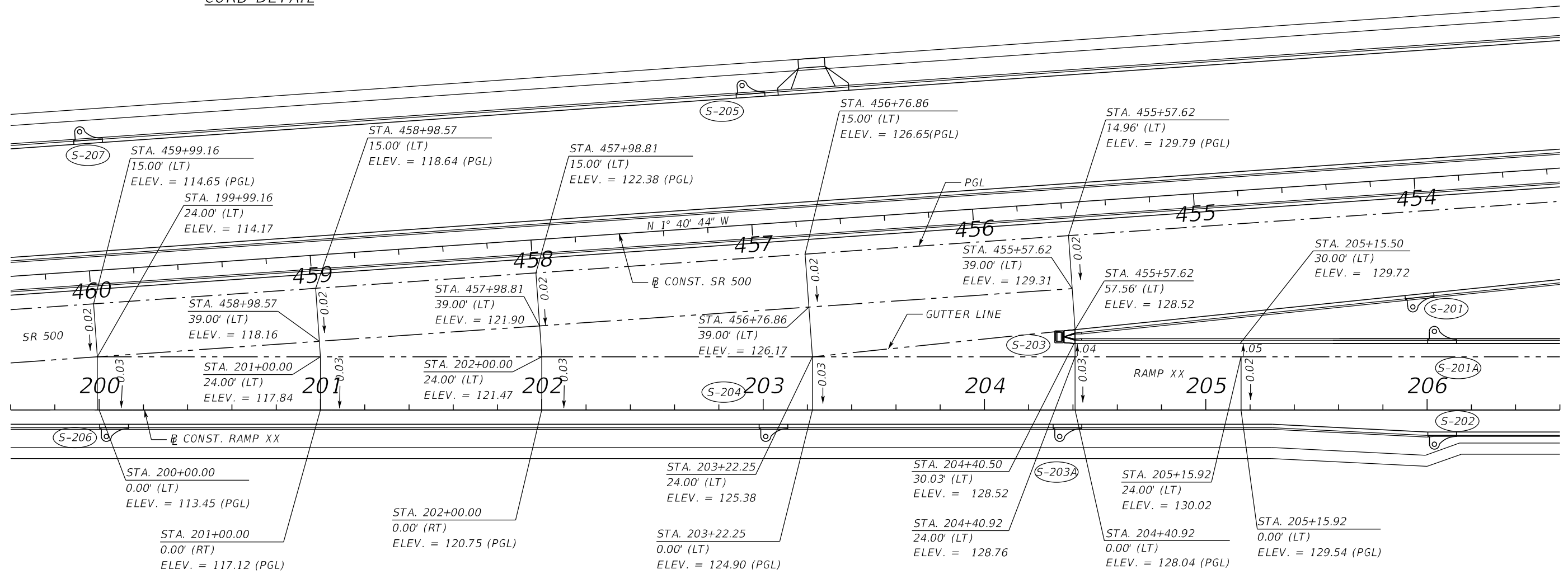
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**SPECIAL PROFILES
SIDESTREETS**

SHEET NO.
101



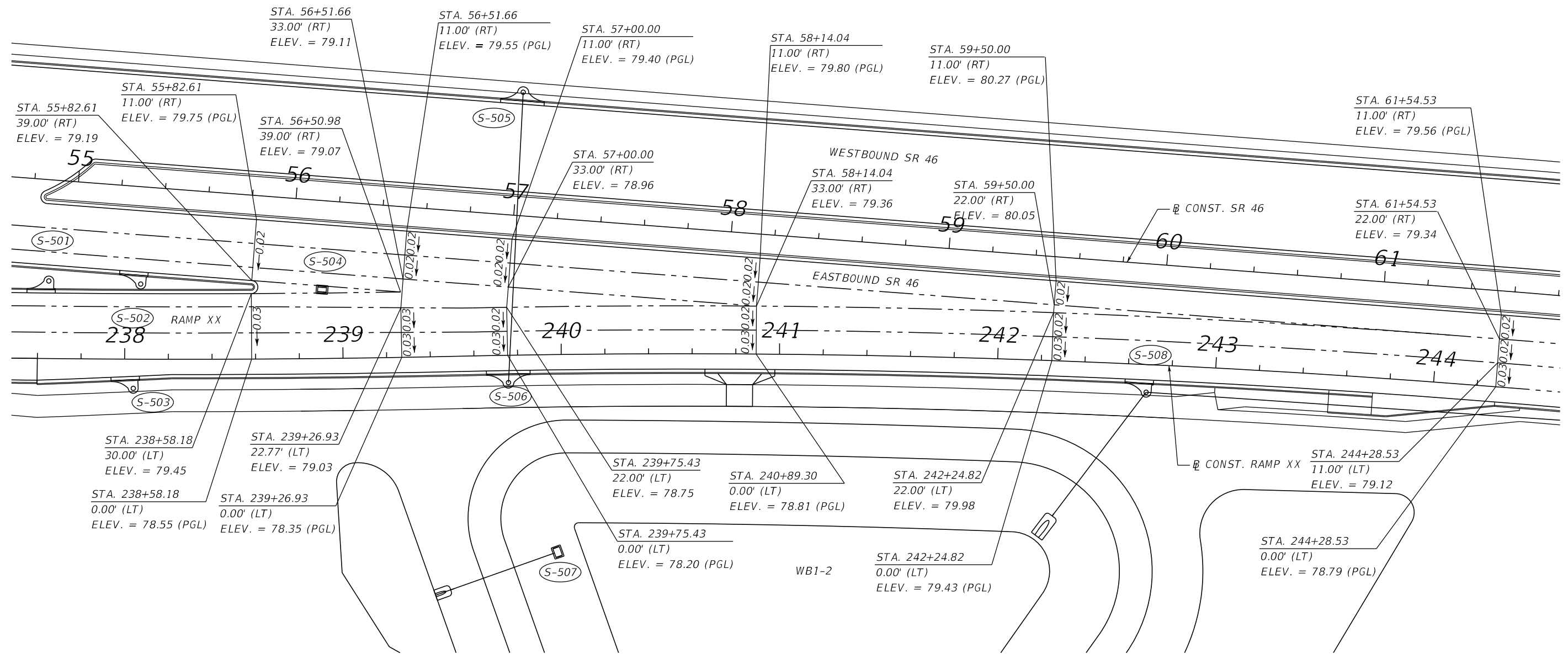
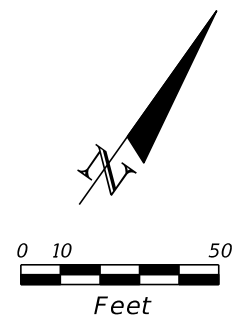
CURB DETAIL



LEGEND:
 - - - - - BREAKLINES

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 102
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	

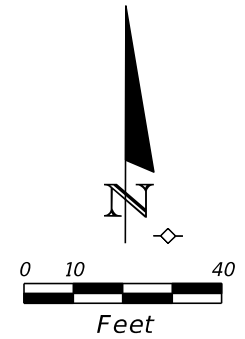
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



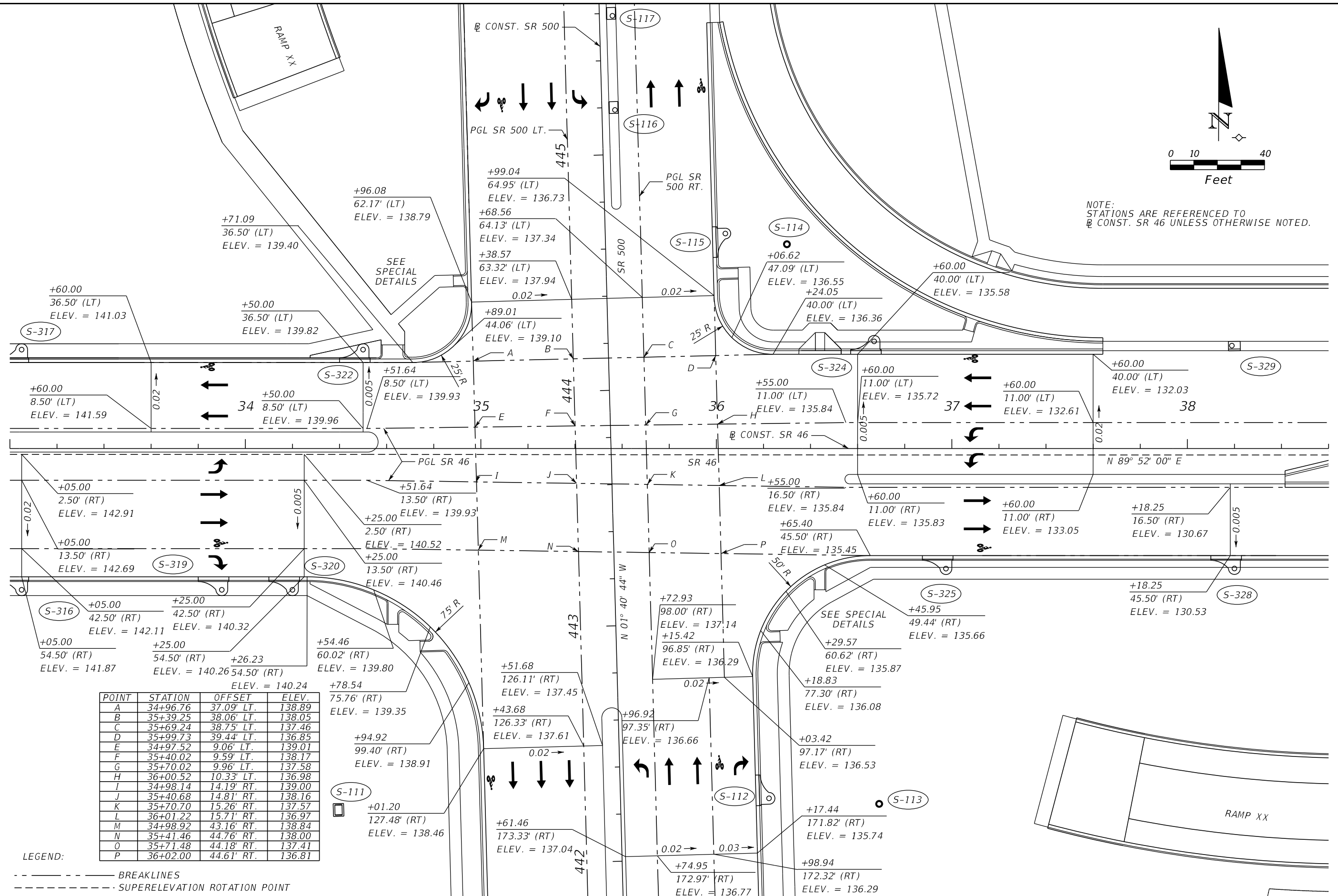
LEGEND:
 - - - - - BREAKLINES

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GORE DETAIL SR 46 & RAMP XX	SHEET NO. 103
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NOTE:
STATIONS ARE REFERENCED TO
CONST. SR 46 UNLESS OTHERWISE NOTED.

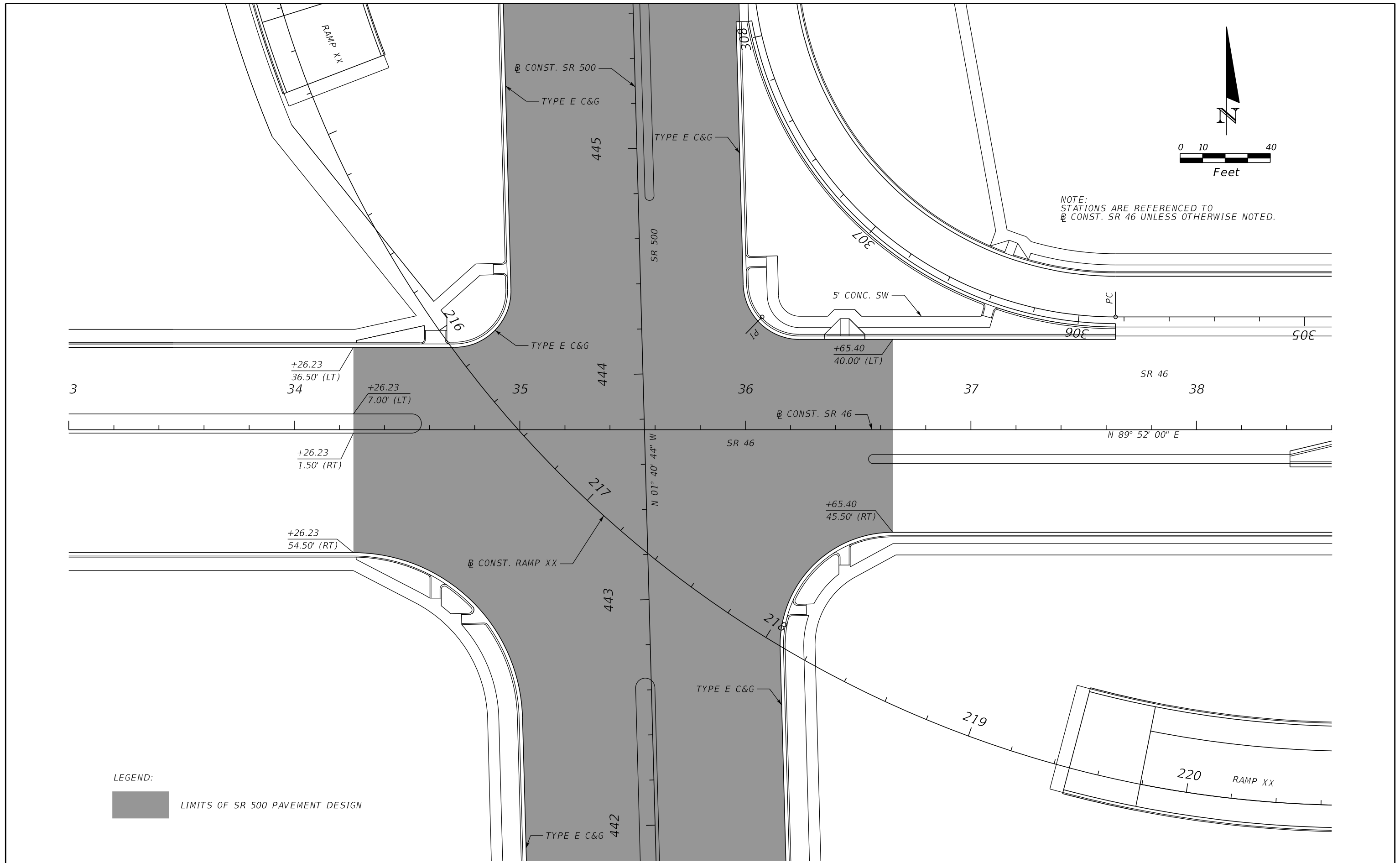


POINT	STATION	OFFSET	ELEV.
A	34+96.76	37.09' LT.	138.89
B	35+39.25	38.06' LT.	138.05
C	35+69.24	38.75' LT.	137.46
D	35+99.73	39.44' LT.	136.85
E	34+97.52	9.06' LT.	139.01
F	35+40.02	9.59' LT.	138.17
G	35+70.02	9.96' LT.	137.58
H	36+00.52	10.33' LT.	136.98
I	34+98.14	14.19' RT.	139.00
J	35+40.68	14.81' RT.	138.16
K	35+70.70	15.26' RT.	137.57
L	36+01.22	15.71' RT.	136.97
M	34+98.92	43.16' RT.	138.84
N	35+41.46	44.76' RT.	138.00
O	35+71.48	44.18' RT.	137.41
P	36+02.00	44.61' RT.	136.81

LEGEND:
 - - - - - BREAKLINES
 - - - - - SUPERELEVATION ROTATION POINT

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERSECTION DETAIL SR 46 AT SR 500	SHEET NO. 104
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

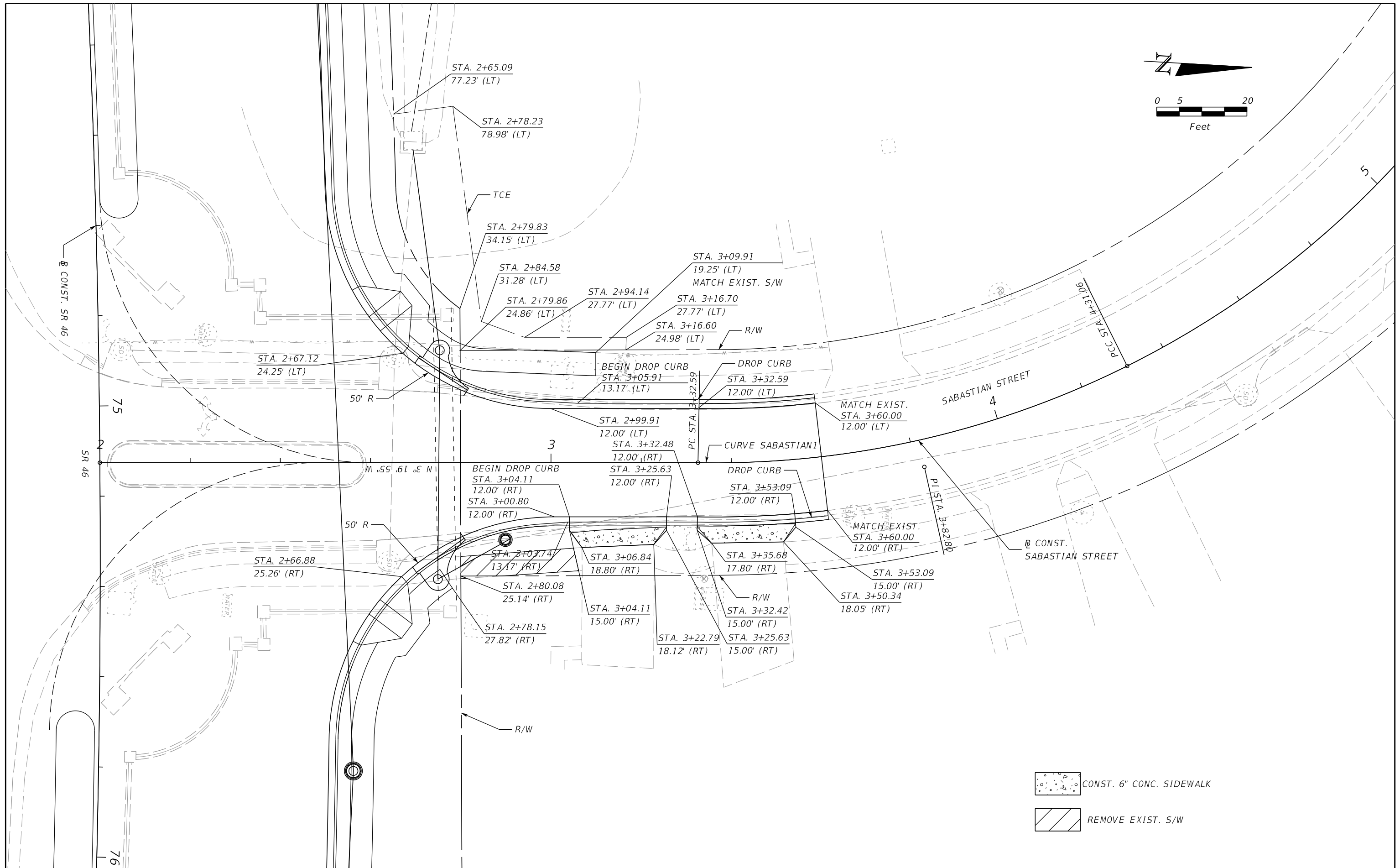
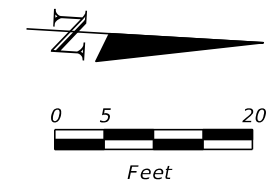
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.





LEGEND:
 LIMITS OF SR 500 PAVEMENT DESIGN

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERSECTION DETAIL SR 46 AT SR 500	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		105
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



-  CONST. 6" CONC. SIDEWALK
-  REMOVE EXIST. S/W

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

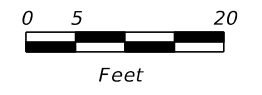
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

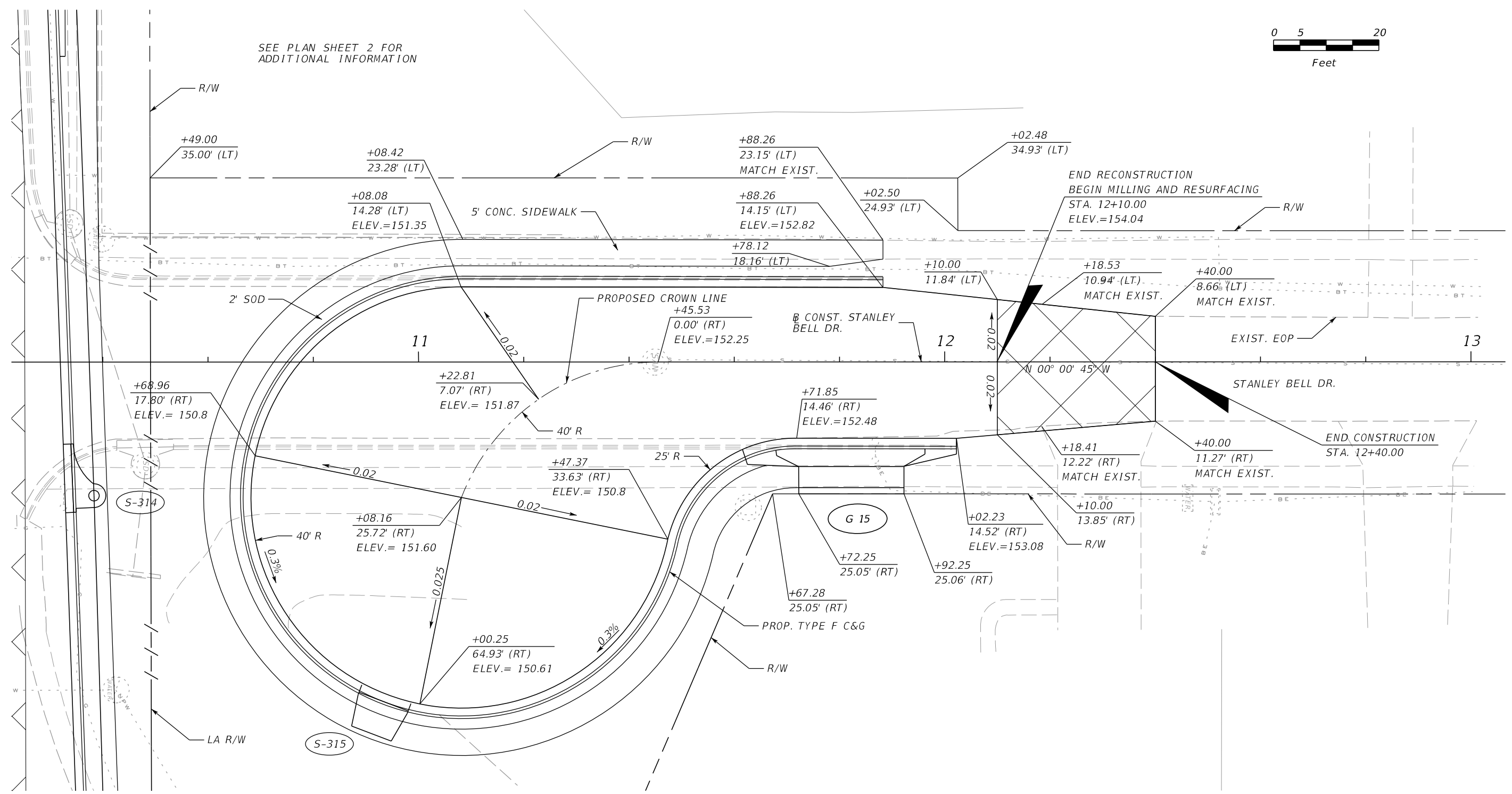
INTERSECTION DETAIL
SABASTIAN STREET AT SR 46

SHEET NO.
 106

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SEE PLAN SHEET 2 FOR
ADDITIONAL INFORMATION



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CUL-DE-SAC DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 46	LAKE		238275-2-52-01

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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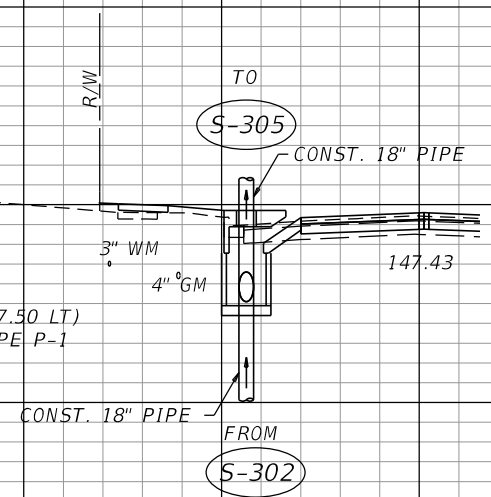
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GENERAL NOTES:

1. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO THE STABILIZED PORTION OF THE ROADBED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION OPERATIONS AT THESE LOCATIONS.
2. ALL DRAINAGE STRUCTURES HAVE OPTIONAL MATERIALS. THE OPTIONAL MATERIALS TABULATION SHEET(S) SHOWS ALL MATERIALS ALLOWED AS WELL AS INDICATING WHICH MATERIAL IS PLOTTED ON THESE SHEETS AND USED AS THE BASIS FOR PAY QUANTITIES.
3. OFFSETS AND INLET ELEVATIONS FOR INLETS TYPE 7 ARE TO THE EOP ON THROAT SIDE.

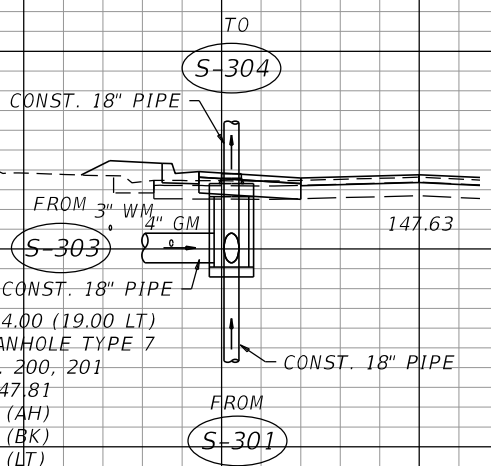
S-304

STA. 25+80.00 (17.50 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 147.34
FL 143.10 (AH)
FL 143.10 (BK)



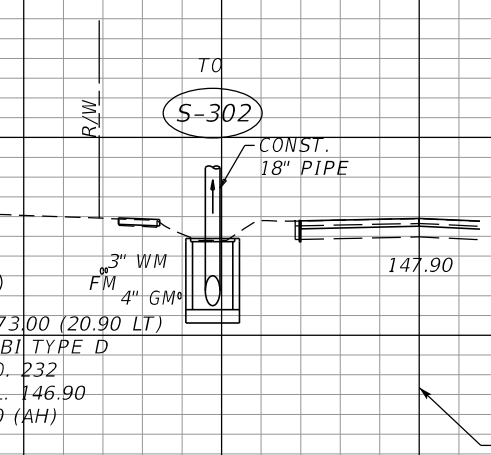
S-302

STA. 25+24.00 (19.00 LT)
CONST. MANHOLE TYPE 7
INDEX NO. 200, 201
TOP EL. 147.81
FL 143.30 (AH)
FL 143.30 (BK)
FL 143.30 (LT)



S-301

STA. 24+73.00 (20.90 LT)
CONST. DBI TYPE D
INDEX NO. 232
GRATE EL. 146.90
FL 143.50 (AH)



140 120 100 80 60 40 20 0 20 40 60 80 100

CONST. SR 46

CONST. SR 46

S-304

25+80.00

S-303

SEE SHEET 157

S-302

25+24.00

S-301

24+73.00

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS		DESCRIPTION		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 46	LAKE	238275-2-52-01	108
MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791				DRAINAGE STRUCTURES			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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140 120 100 80 60 40 20 0 20 40 60 80 100

S-307

STA. 27+35.00 (19.77 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 146.88
FL 142.50 (AH)
FL 142.50 (BK)

S-308

R/W

3" WM

S-305

CONST. 18" PIPE

FROM

S-305

CONST. 18" PIPE

TO

S-308

CONST. 18" PIPE

146.87

CONST. SR 46

S-307

27+35.00

S-306

STA. 27+20.00 (35.00 RT)
CONST. DBI TYPE D
INDEX NO. 232
GRATE EL. 144.50
FL 141.50 (AH)

S-312

R/W

CONST. 18" PIPE
3/4" BT Cable Vvh @ 27+18.01
1" BT Cable Vvh @ 27+18.03

146.93

4" GM

10" FM BT

6" Steel GM Vvh @ 27+17.99

4" GM

6" DIP WM Vvh @ 27+17.93

S-306

27+20.00

S-305

STA. 26+30.00 (17.50 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 147.20
FL 143.00 (AH)
FL 143.00 (BK)

S-307

R/W

3" WM

4" GM

S-304

CONST. 18" PIPE

FROM

S-304

CONST. 18" PIPE

TO

S-307

CONST. 18" PIPE

147.32

CONST. SR 46

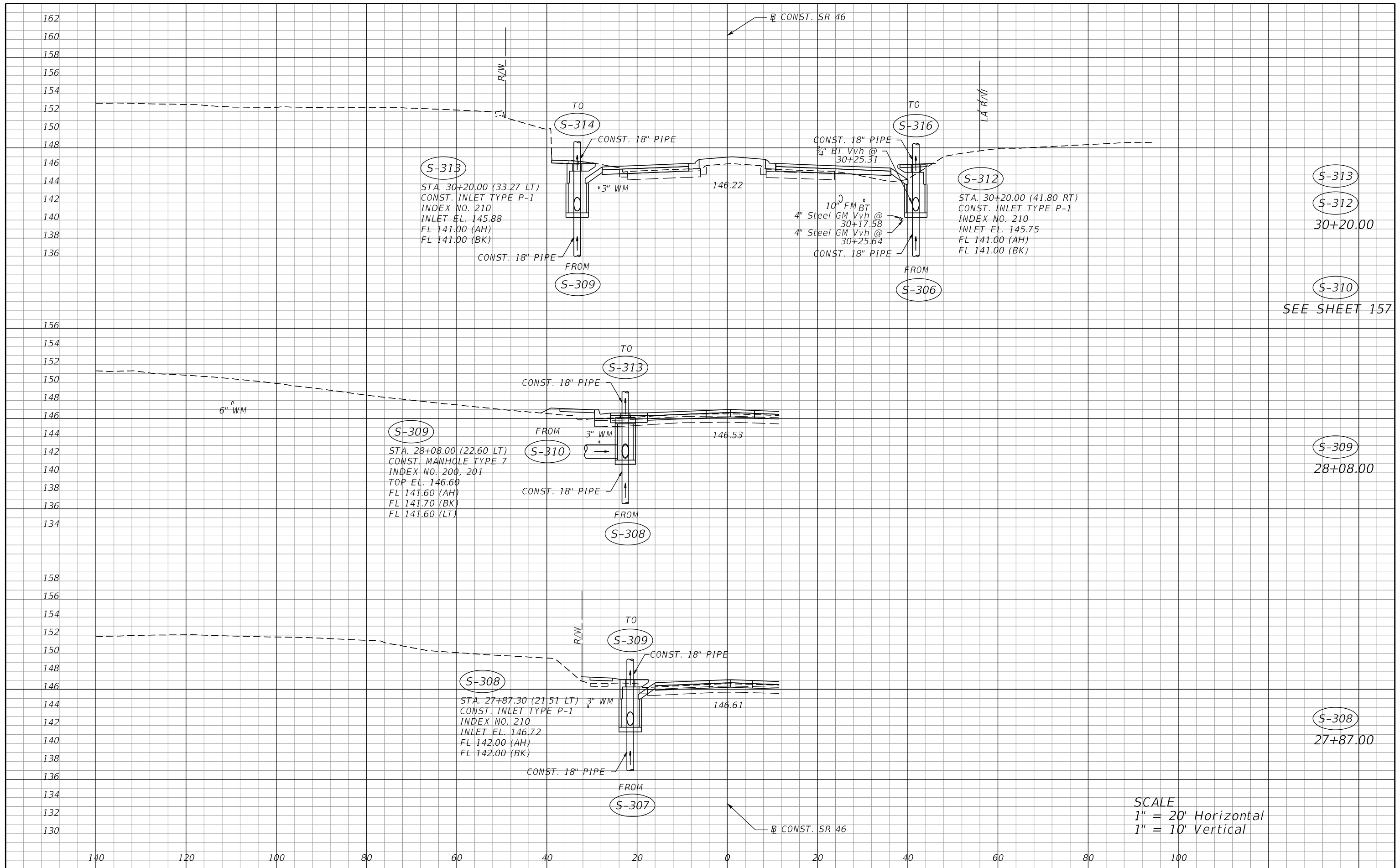
S-305

26+30.00

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 109
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	DRAINAGE STRUCTURES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS		DESCRIPTION		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 110
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 46	LAKE	238275-2-52-01	

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

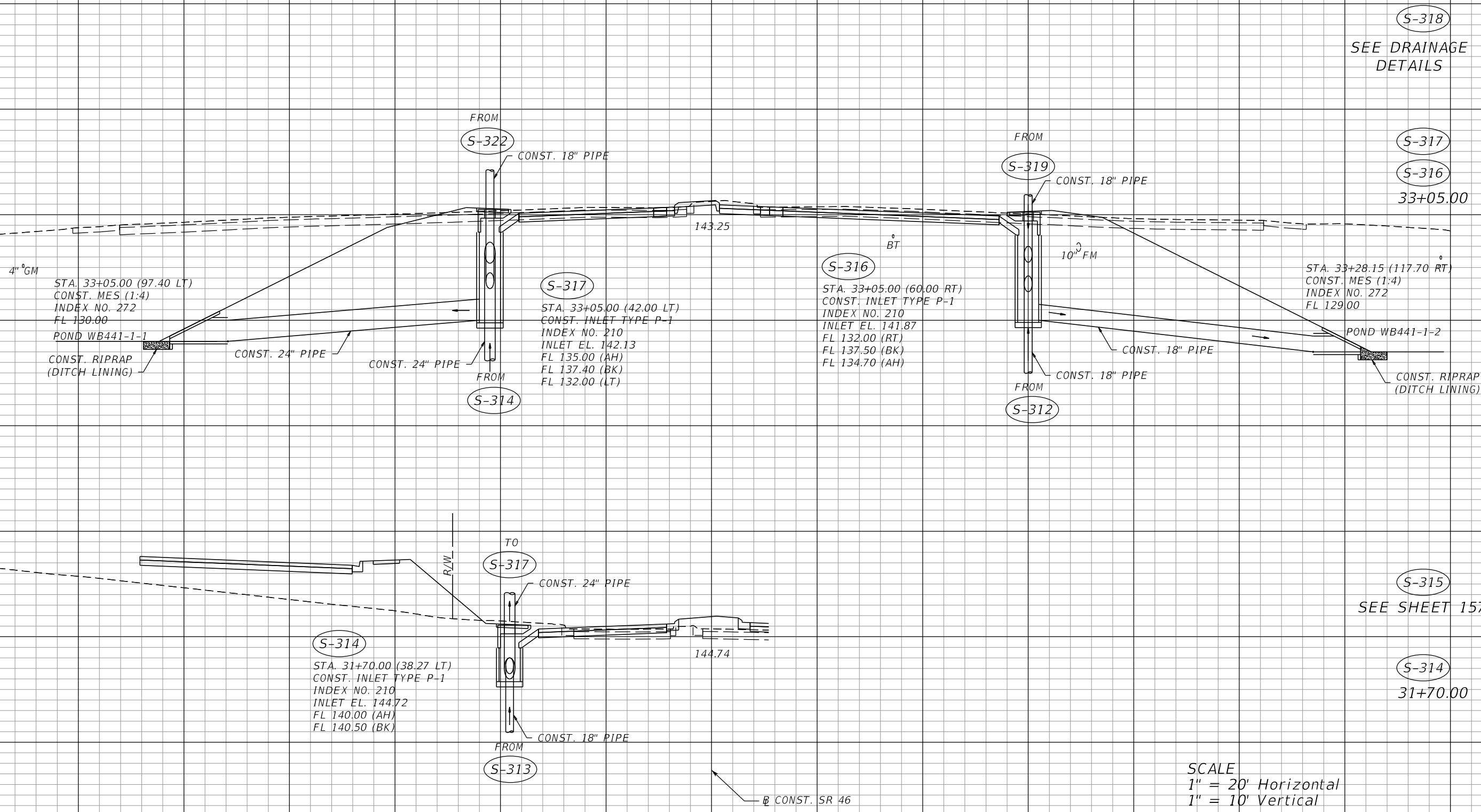
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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140 120 100 80 60 40 20 0 20 40 60 80 100



SCALE
1" = 20' Horizontal
1" = 10' Vertical

(S-318)
SEE DRAINAGE
DETAILS

(S-317)
(S-316)
33+05.00

STA. 33+28.15 (117.70 RT)
CONST. MES (1:4)
INDEX NO. 272
FL 129.00

(S-315)
SEE SHEET 157

(S-314)
31+70.00

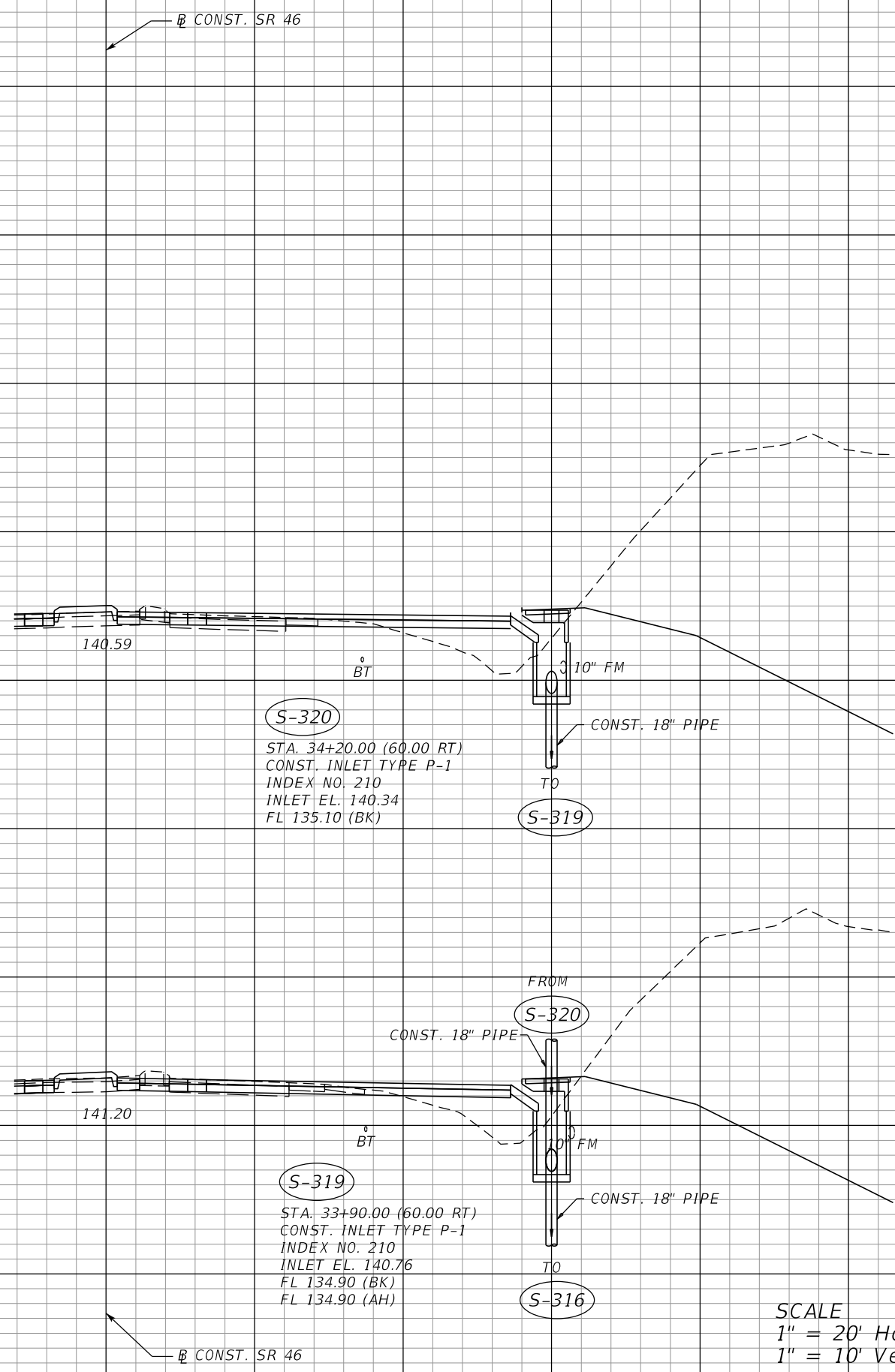
REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 111
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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140 120 100 80 60 40 20 0 20 40 60 80 100



S-321
NOT USED

S-320
34+20.00

S-319
33+90.00

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
112

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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122

140

120

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40

60

80

100

S-322

STA. 34+50.00 (21.51 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 139.82
FL 135.40 (BK)

CONST. 18" PIPE

S-317

CONST. SR 46

CONST. SR 46

S-323

NOT USED

S-322

34+50.00

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

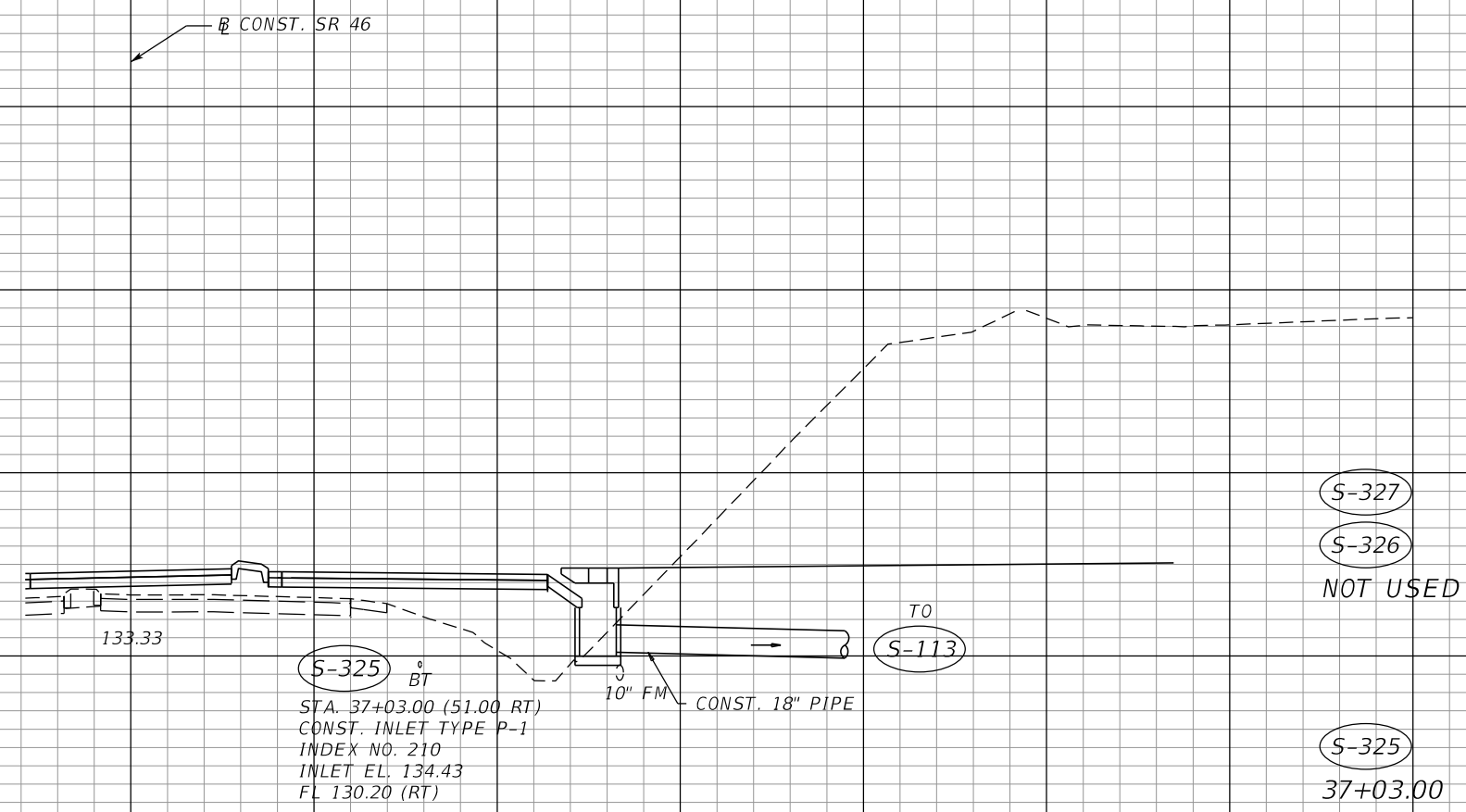
SHEET NO.
113

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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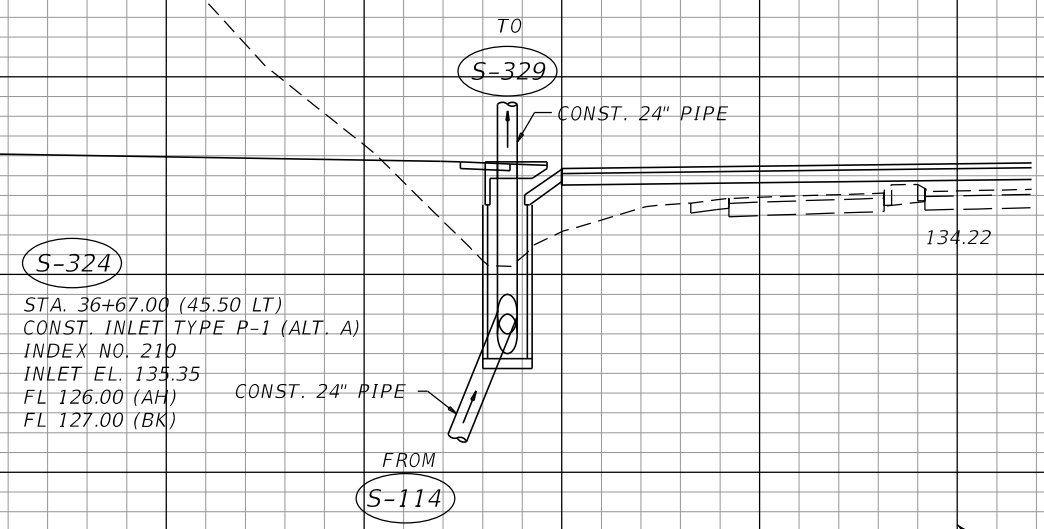
150
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140 120 100 80 60 40 20 0 20 40 60 80 100



S-327
S-326
NOT USED

S-325
37+03.00



S-324
STA. 36+67.00 (45.50 LT)
CONST. INLET TYPE P-1 (ALT. A)
INDEX NO. 210
INLET EL. 135.35
FL 126.00 (AH)
FL 127.00 (BK)

S-329
CONST. 24" PIPE

S-324
36+67.00

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 114
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	DRAINAGE STRUCTURES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

140
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114

CONST. SR 46

CONST. RAMP YY

S-332

CONST. 24" PIPE

129.81

130.76

BT

10' FM

S-329

STA. 38+20.00 (41.50 LT)
CONST. INLET TYPE 7
INDEX NO. 212
INLET EL. 129.78
FL 119.80 (AH)
FL 124.90 (BK)
FL 124.90 (RT)

16" WM

CONST. 18" PIPE

CONST. 18" PIPE

S-328

STA. 38+20.00 (51.00 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 130.46
FL 125.80 (LT)

S-329

S-328

38+20.00

CONST. 24" PIPE

FROM

S-324

CONST. SR 46

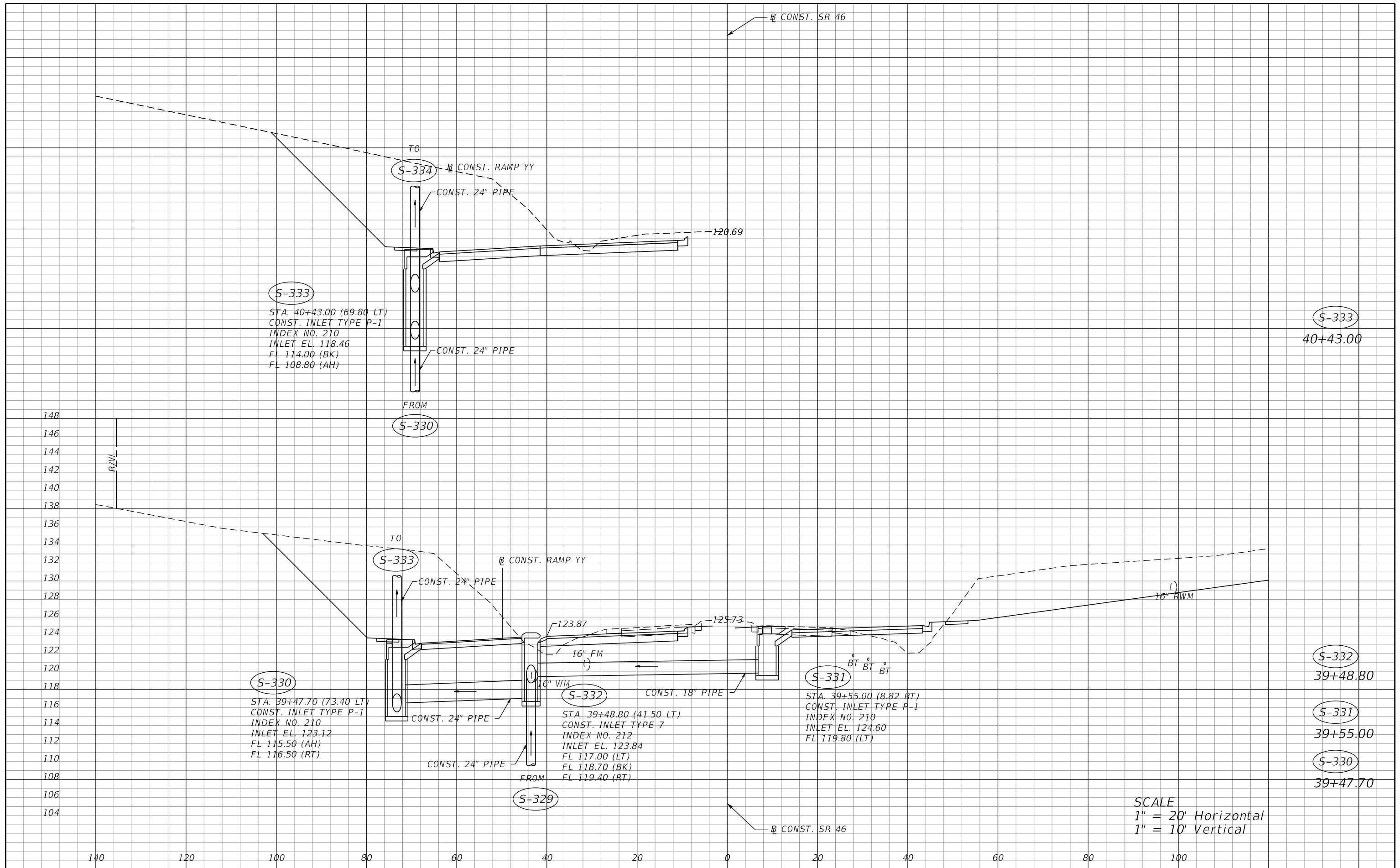
SCALE
1" = 20' Horizontal
1" = 10' Vertical

140 120 100 80 60 40 20 0 20 40 60 80 100

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 115
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	

DRAINAGE STRUCTURES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



S-333
 STA. 40+43.00 (69.80 LT)
 CONST. INLET TYPE P-1
 INDEX NO. 210
 INLET EL. 118.46
 FL 114.00 (BK)
 FL 108.80 (AH)

S-333
 40+43.00

S-330
 STA. 39+47.70 (73.40 LT)
 CONST. INLET TYPE P-1
 INDEX NO. 210
 INLET EL. 123.12
 FL 115.50 (AH)
 FL 116.50 (RT)

S-332
 39+48.80

S-332
 STA. 39+48.80 (41.50 LT)
 CONST. INLET TYPE 7
 INDEX NO. 212
 INLET EL. 123.84
 FL 117.00 (LT)
 FL 118.70 (BK)
 FL 119.40 (RT)

S-331
 39+55.00

S-331
 STA. 39+55.00 (8.82 RT)
 CONST. INLET TYPE P-1
 INDEX NO. 210
 INLET EL. 124.60
 FL 119.80 (LT)

S-330
 39+47.70

SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS	
DATE	DESCRIPTION

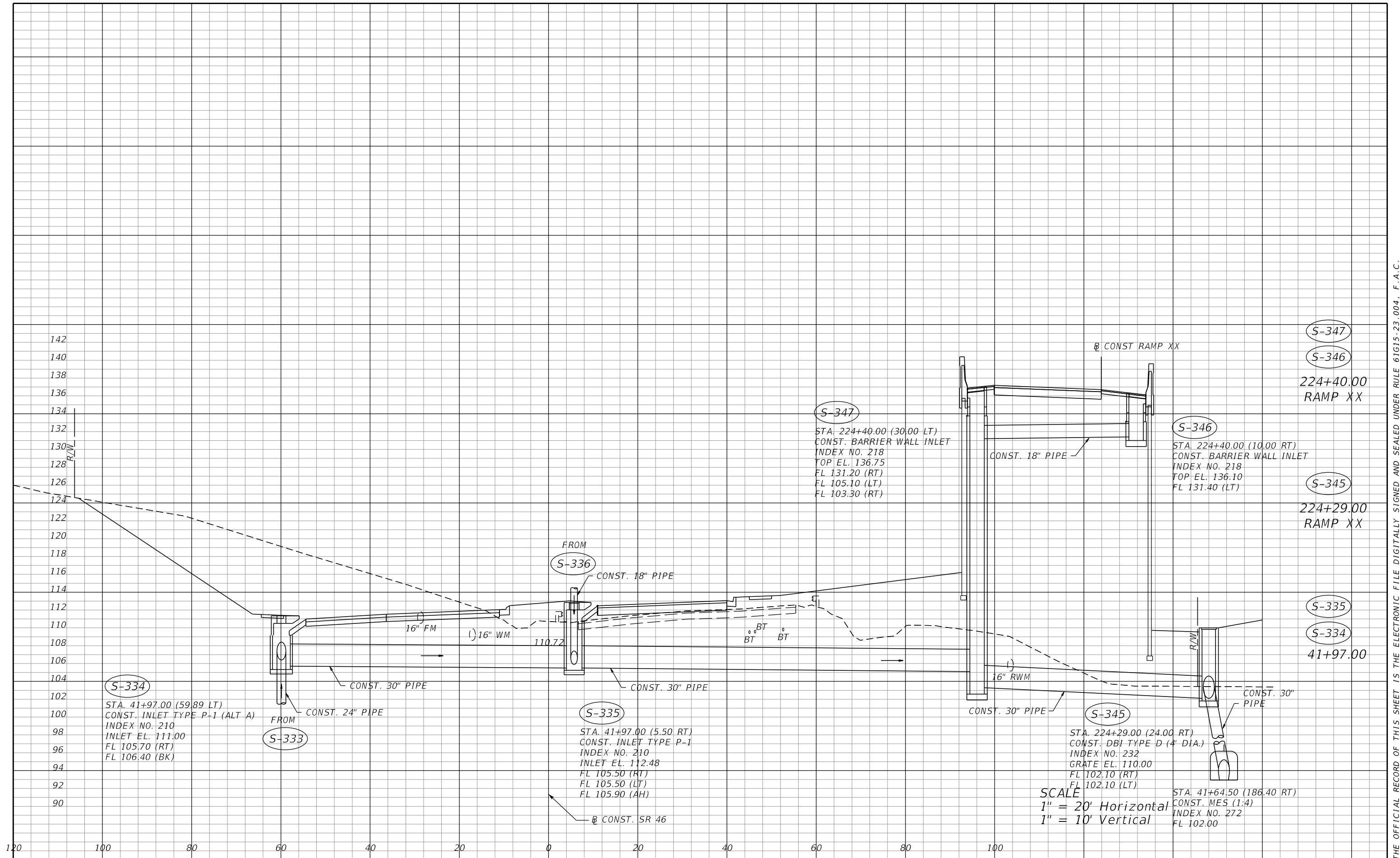
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES	SHEET NO. 116
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

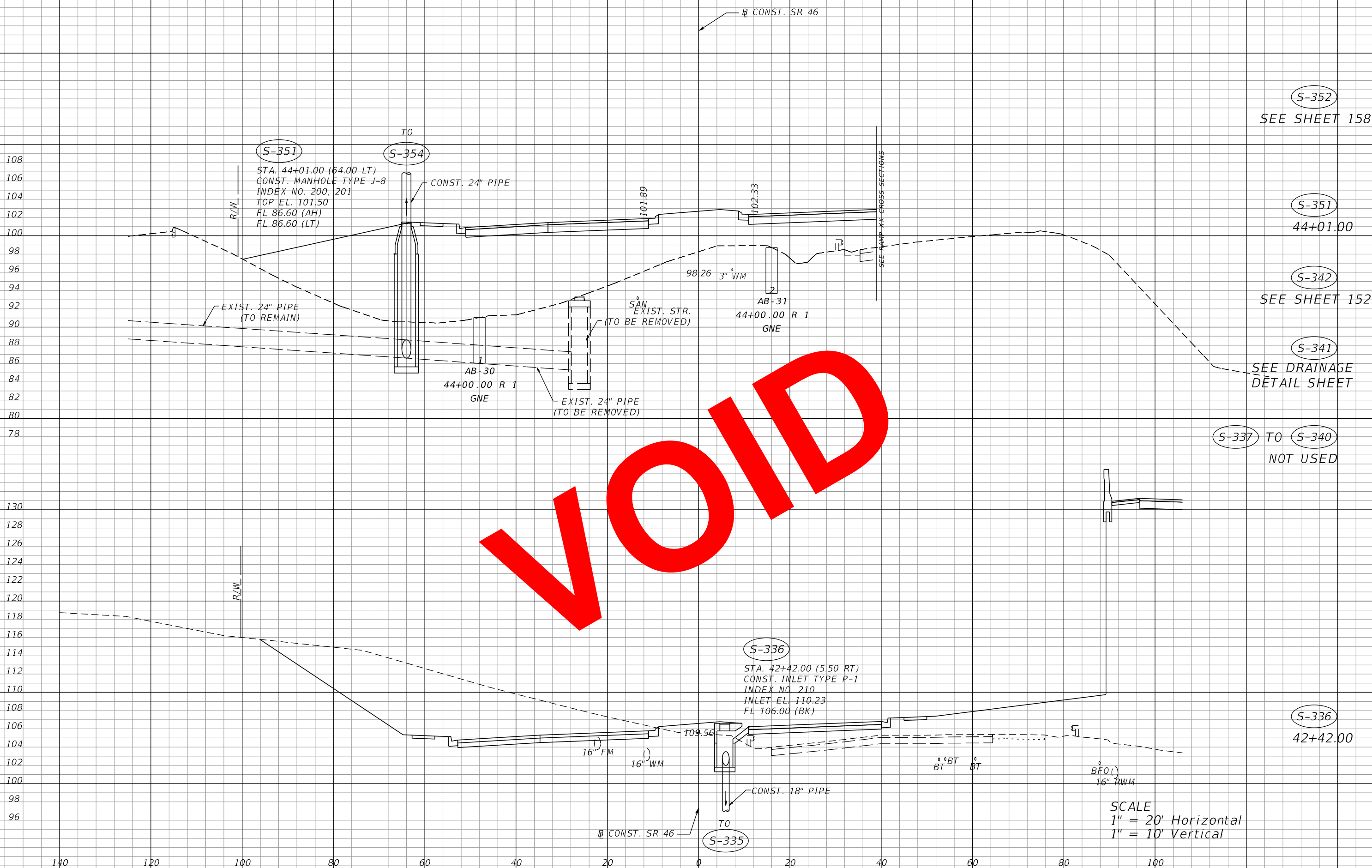
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
117

VOID



(S-352)
SEE SHEET 158

(S-351)
44+01.00

(S-342)
SEE SHEET 152

(S-341)
SEE DRAINAGE
DETAIL SHEET

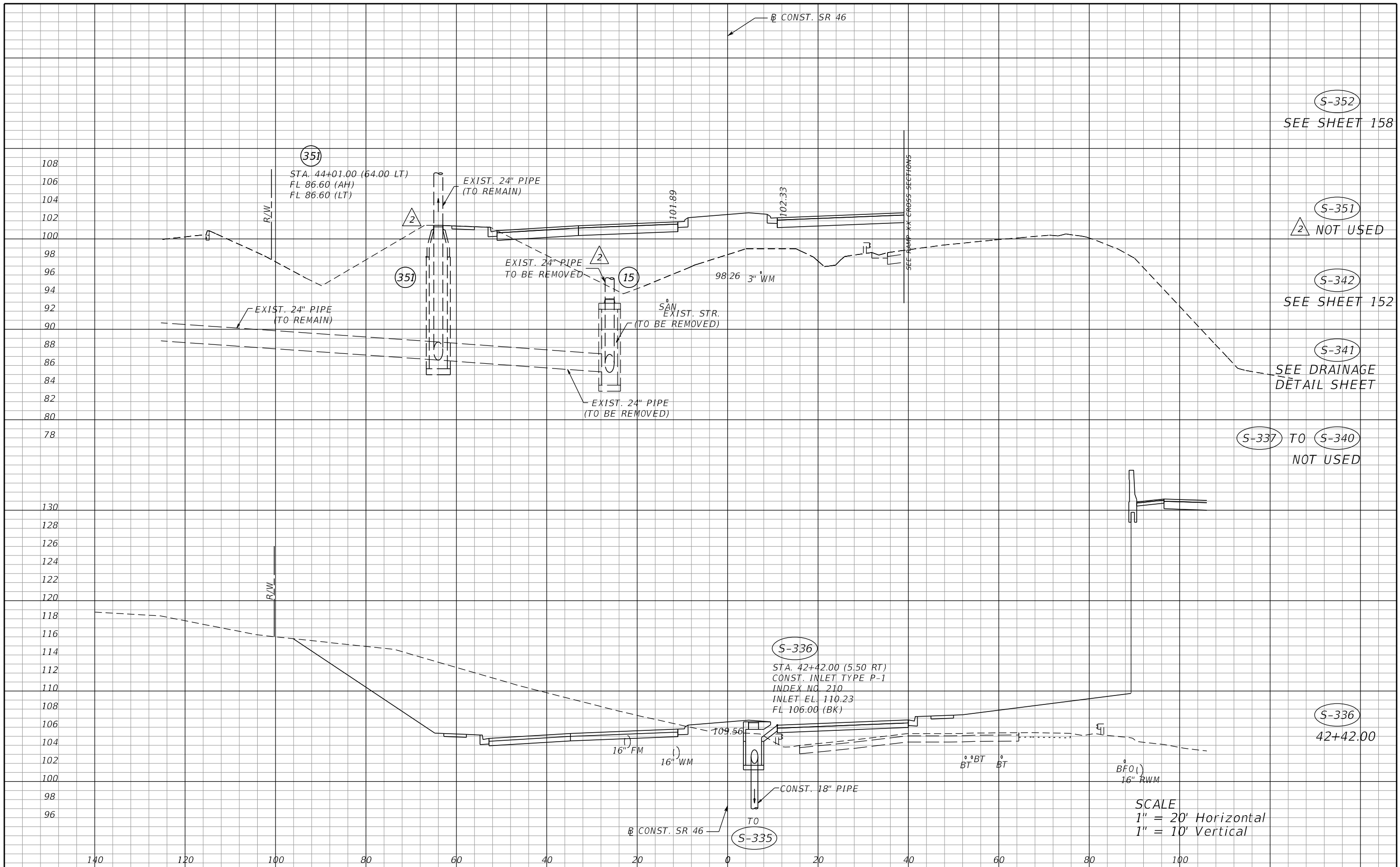
(S-337) TO (S-340)
NOT USED

(S-336)
42+42.00

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS		DESCRIPTION		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 118
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



S-352
SEE SHEET 158

S-351
NOT USED

S-342
SEE SHEET 152

S-341
SEE DRAINAGE
DETAIL SHEET

S-337 TO S-340
NOT USED

S-336
42+42.00

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
05/26/17	JLC EXISTING DRAINAGE CHANGES		

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

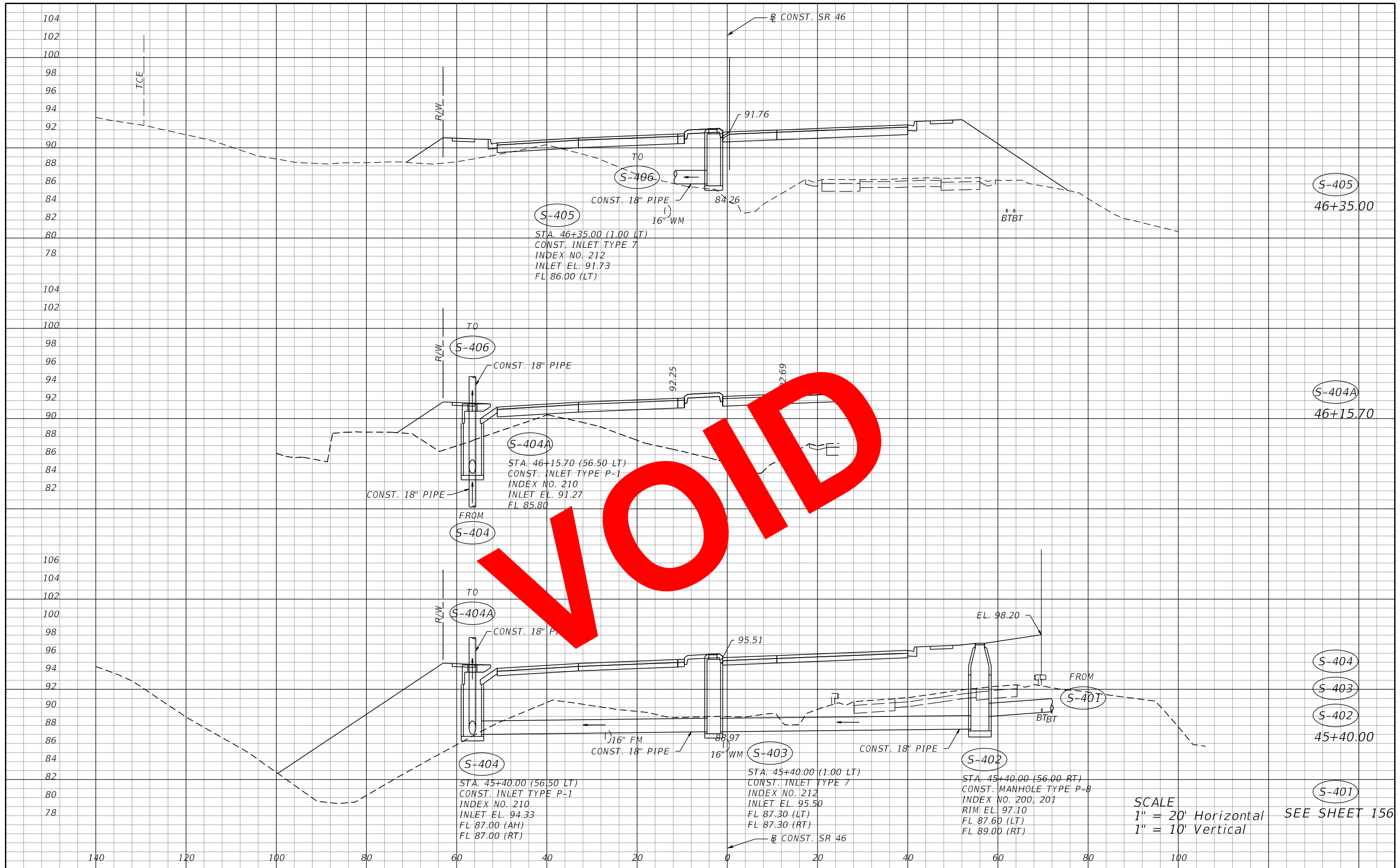
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
118

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



S-405
 STA. 46+35.00 (1.00 LT)
 CONST. INLET TYPE 7
 INDEX NO. 212
 INLET EL. 91.73
 FL 86.00 (LT)

S-404A
 STA. 46+15.70 (56.50 LT)
 CONST. INLET TYPE P-1
 INDEX NO. 210
 INLET EL. 91.27
 FL 85.80

S-404
 STA. 45+40.00 (56.50 LT)
 CONST. INLET TYPE P-1
 INDEX NO. 210
 INLET EL. 94.33
 FL 87.00 (AH)
 FL 87.00 (RT)

S-403
 STA. 45+40.00 (1.00 LT)
 CONST. INLET TYPE 7
 INDEX NO. 212
 INLET EL. 95.50
 FL 87.30 (LT)
 FL 87.30 (RT)

S-402
 STA. 45+40.00 (56.00 RT)
 CONST. MANHOLE TYPE P-8
 INDEX NO. 200, 201
 RIM EL. 97.10
 FL 87.60 (LT)
 FL 89.00 (RT)

SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

SEE SHEET 156

REVISIONS	
DATE	DESCRIPTION

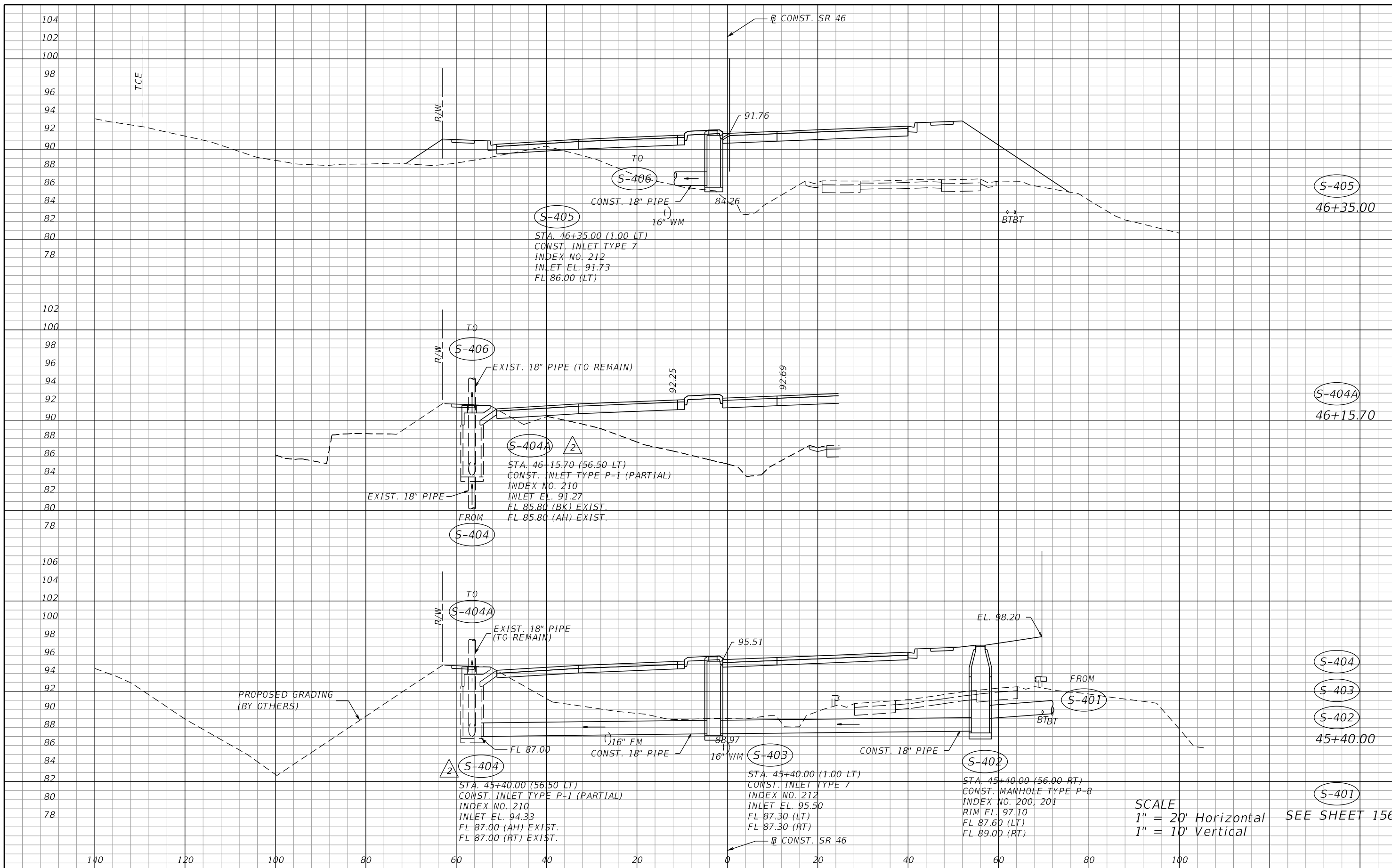
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES	
	SHEET NO.
	119

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical
 SEE SHEET 156

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
05/26/17	JLC Δ EXISTING DRAINAGE CHANGES		

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

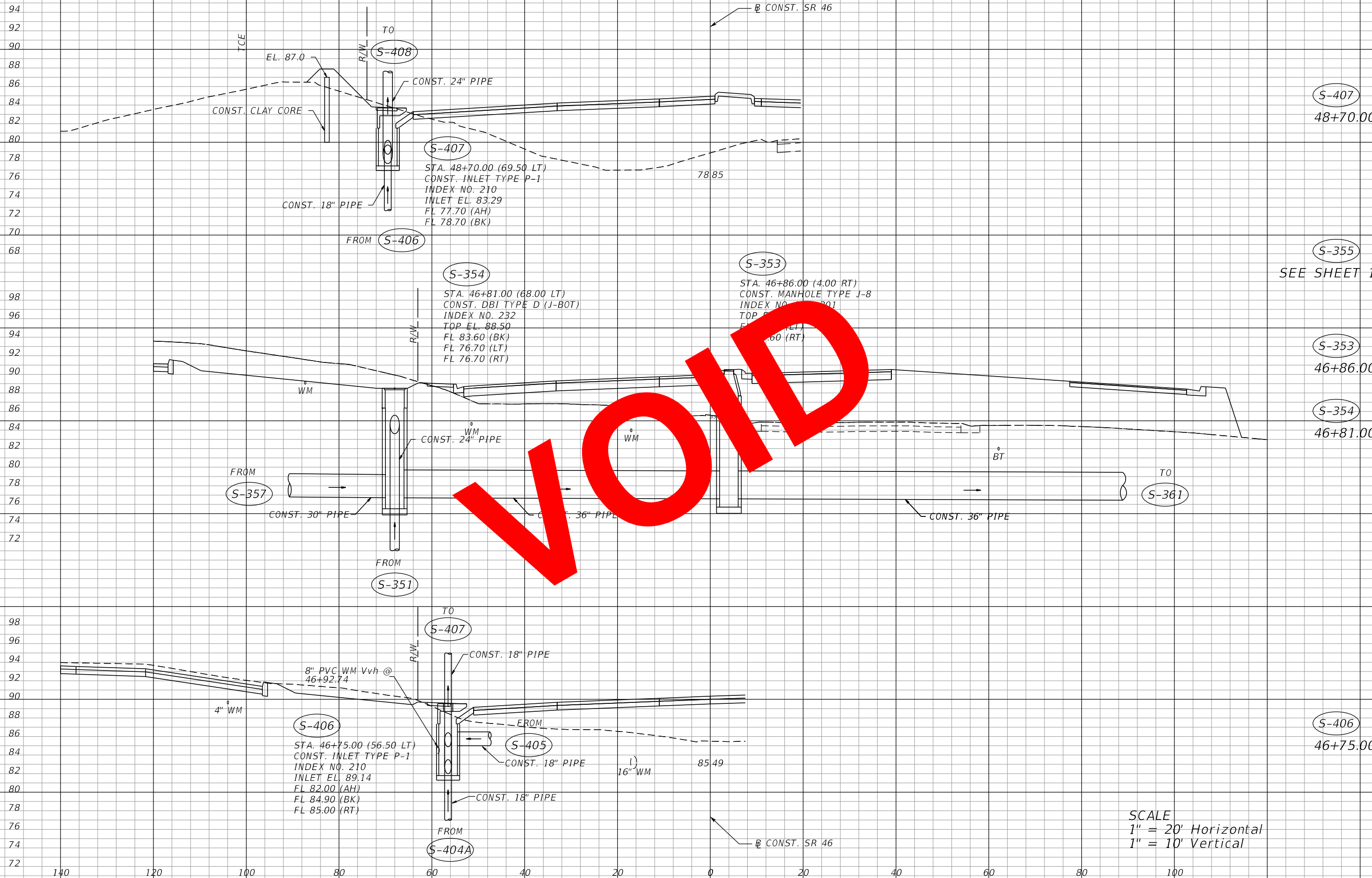
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
119

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

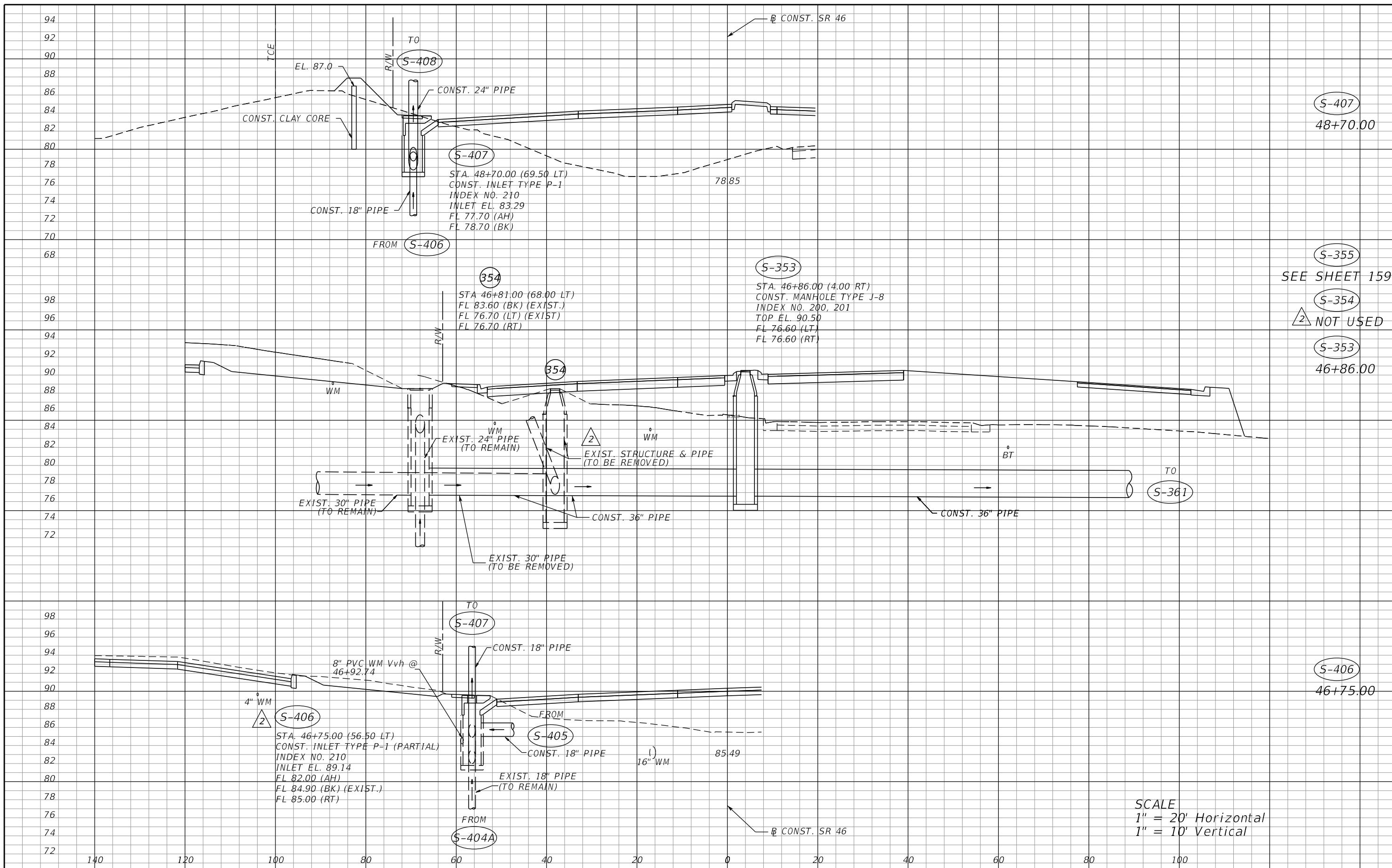


VOID

SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 120
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



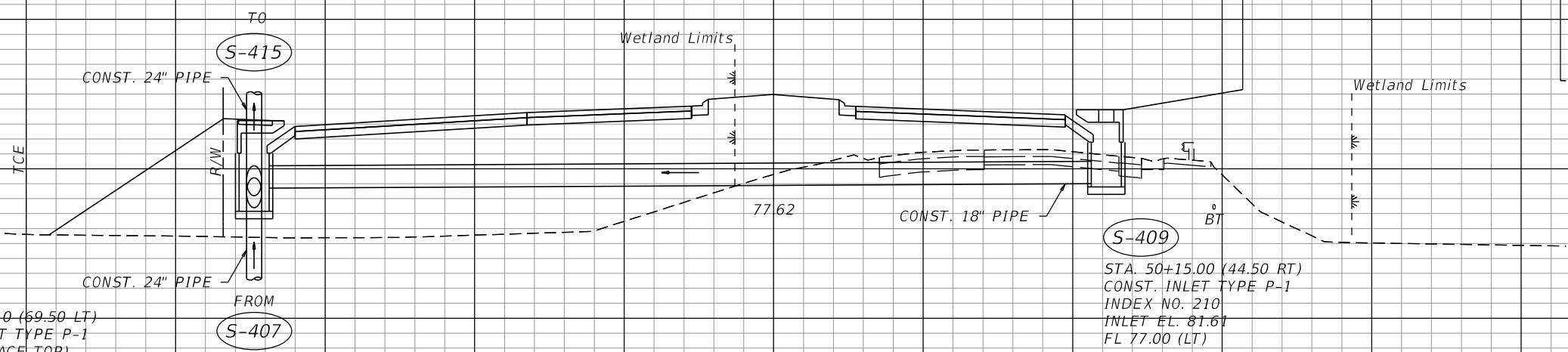
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 120
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
05/26/17	JLC EXISTING DRAINAGE CHANGES			ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	

SCALE
1" = 20' Horizontal
1" = 10' Vertical

102
100
98
96
94
92
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62

(S-410)
SEE DRAINAGE
DETAIL SHEET



(S-408)
STA. 50+13.10 (69.50 LT)
CONST. INLET TYPE P-1
(CAST-IN-PLACE TOP)
INDEX NO. 210
INLET EL. 80.83
FL 75.40 (AH)
FL 76.20 (BK)
FL 76.70 (RT)

(S-409)
STA. 50+15.00 (44.50 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 81.61
FL 77.00 (LT)

(S-409)
50+15.00
(S-408)
50+13.10

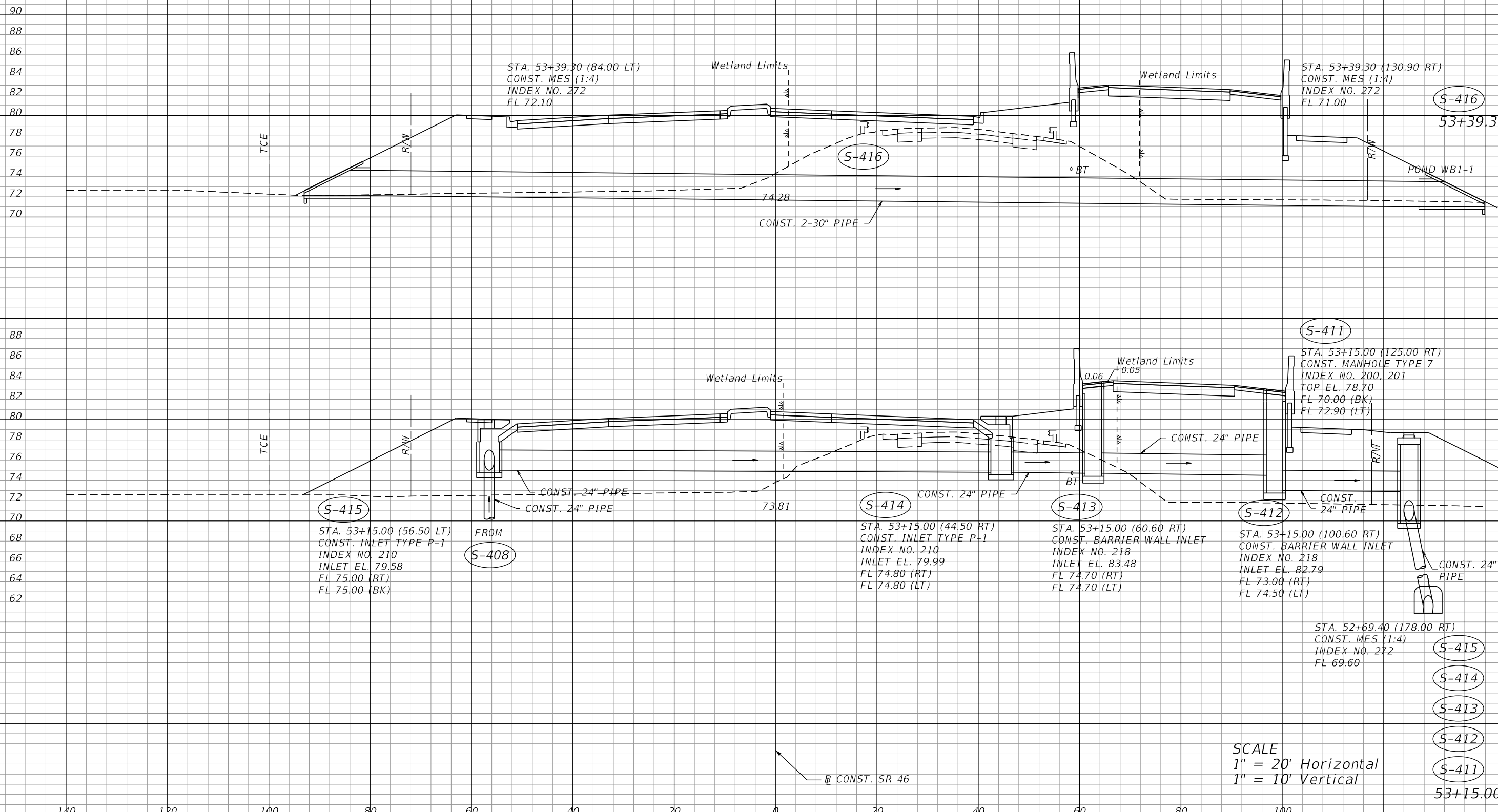
72

SCALE
1" = 20' Horizontal
1" = 10' Vertical

140 120 100 80 60 40 20 0 20 40 60 80 100

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	DRAINAGE STRUCTURES	121

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



TCE

TCE

STA. 53+39.30 (84.00 LT)
CONST. MES (1:4)
INDEX NO. 272
FL 72.10

STA. 53+39.30 (130.90 RT)
CONST. MES (1:4)
INDEX NO. 272
FL 71.00

STA. 53+15.00 (56.50 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 79.58
FL 75.00 (RT)
FL 75.00 (BK)

STA. 53+15.00 (44.50 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 79.99
FL 74.80 (RT)
FL 74.80 (LT)

STA. 53+15.00 (60.60 RT)
CONST. BARRIER WALL INLET
INDEX NO. 218
INLET EL. 83.48
FL 74.70 (RT)
FL 74.70 (LT)

STA. 53+15.00 (100.60 RT)
CONST. BARRIER WALL INLET
INDEX NO. 218
INLET EL. 82.79
FL 73.00 (RT)
FL 74.50 (LT)

STA. 52+69.40 (178.00 RT)
CONST. MES (1:4)
INDEX NO. 272
FL 69.60

SCALE
1" = 20' Horizontal
1" = 10' Vertical

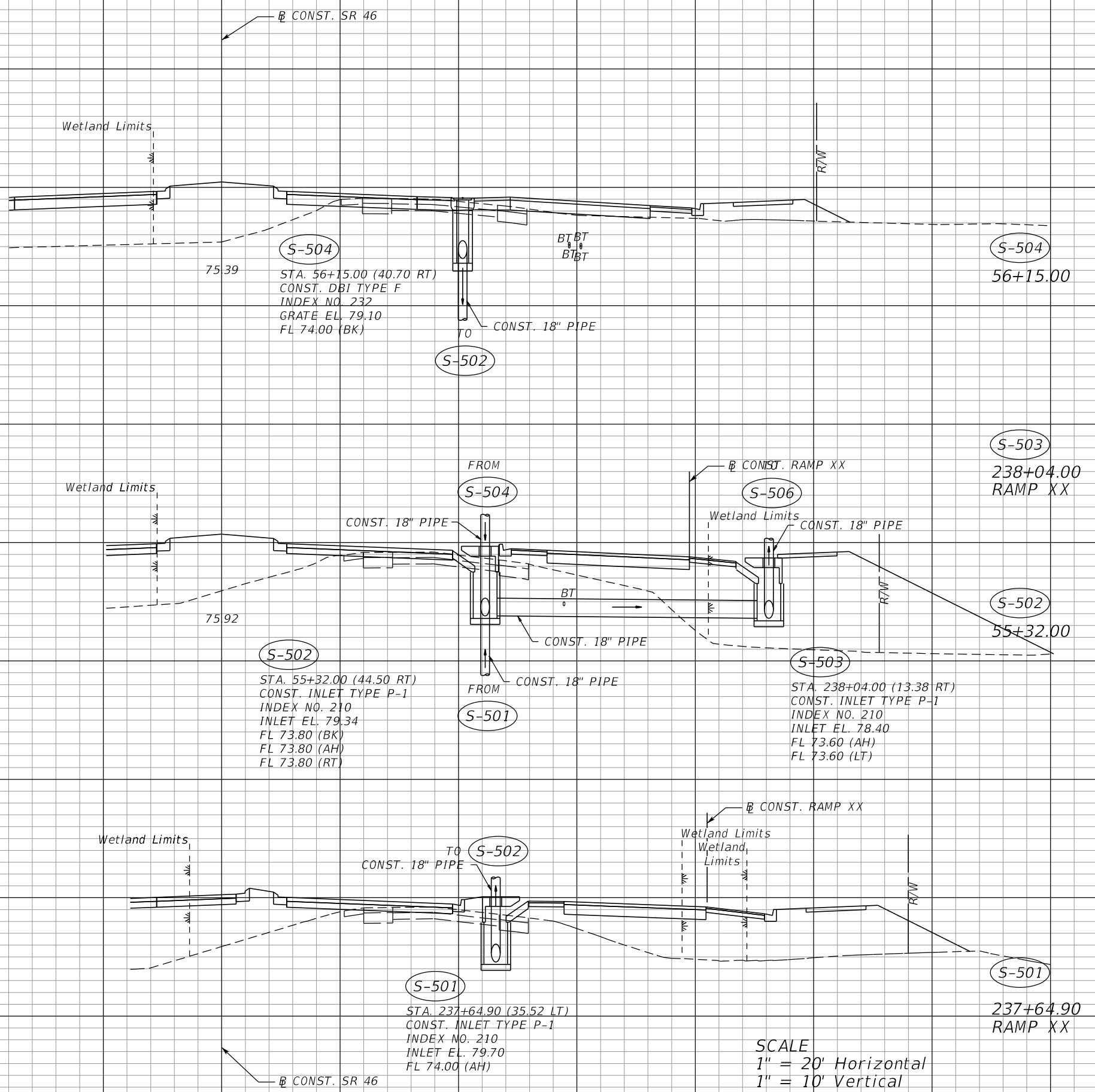
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REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 122
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	

DRAINAGE STRUCTURES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

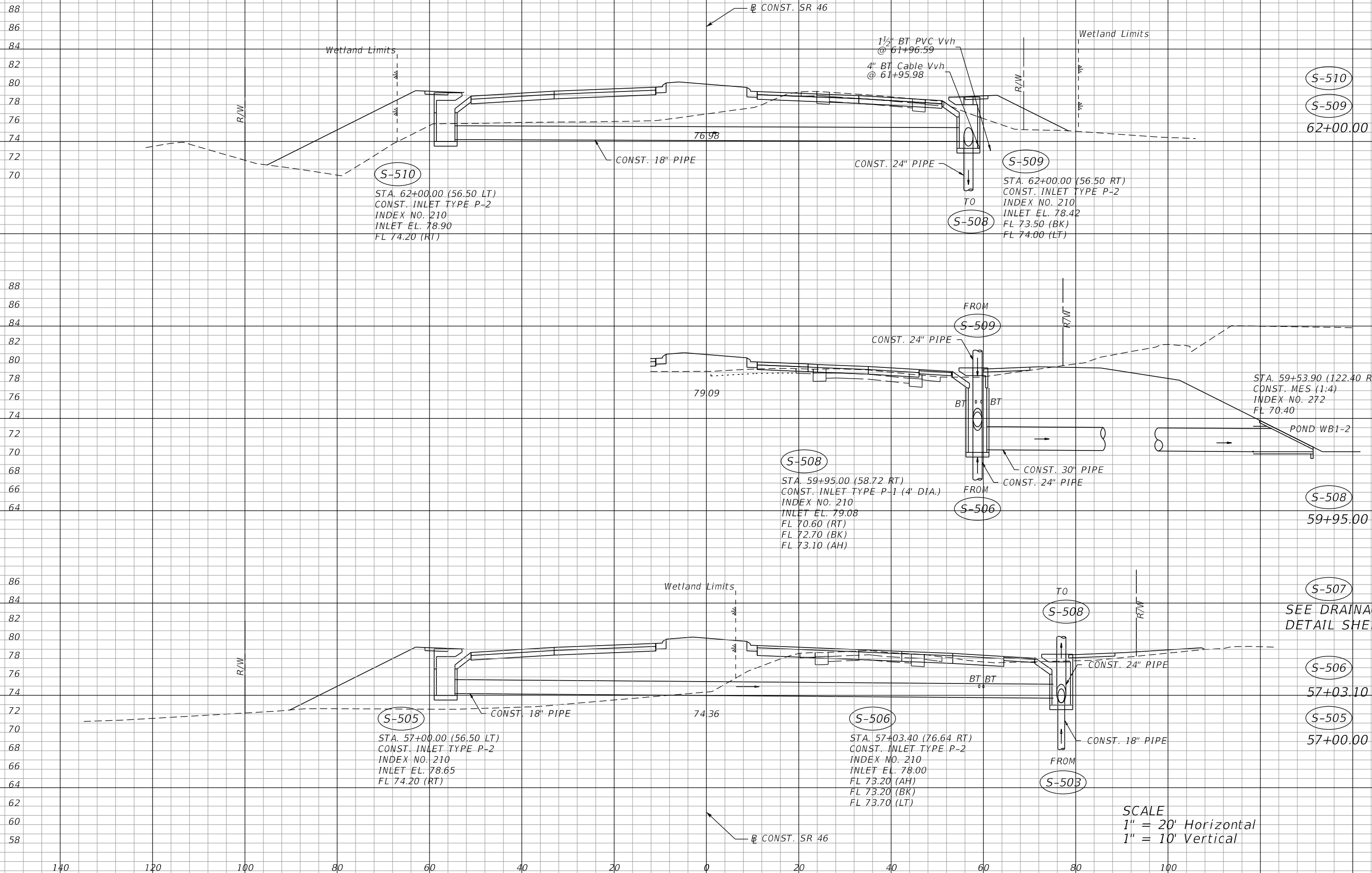
88
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140 120 100 80 60 40 20 0 20 40 60 80 100

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 123
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 124
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 46	LAKE	238275-2-52-01		

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

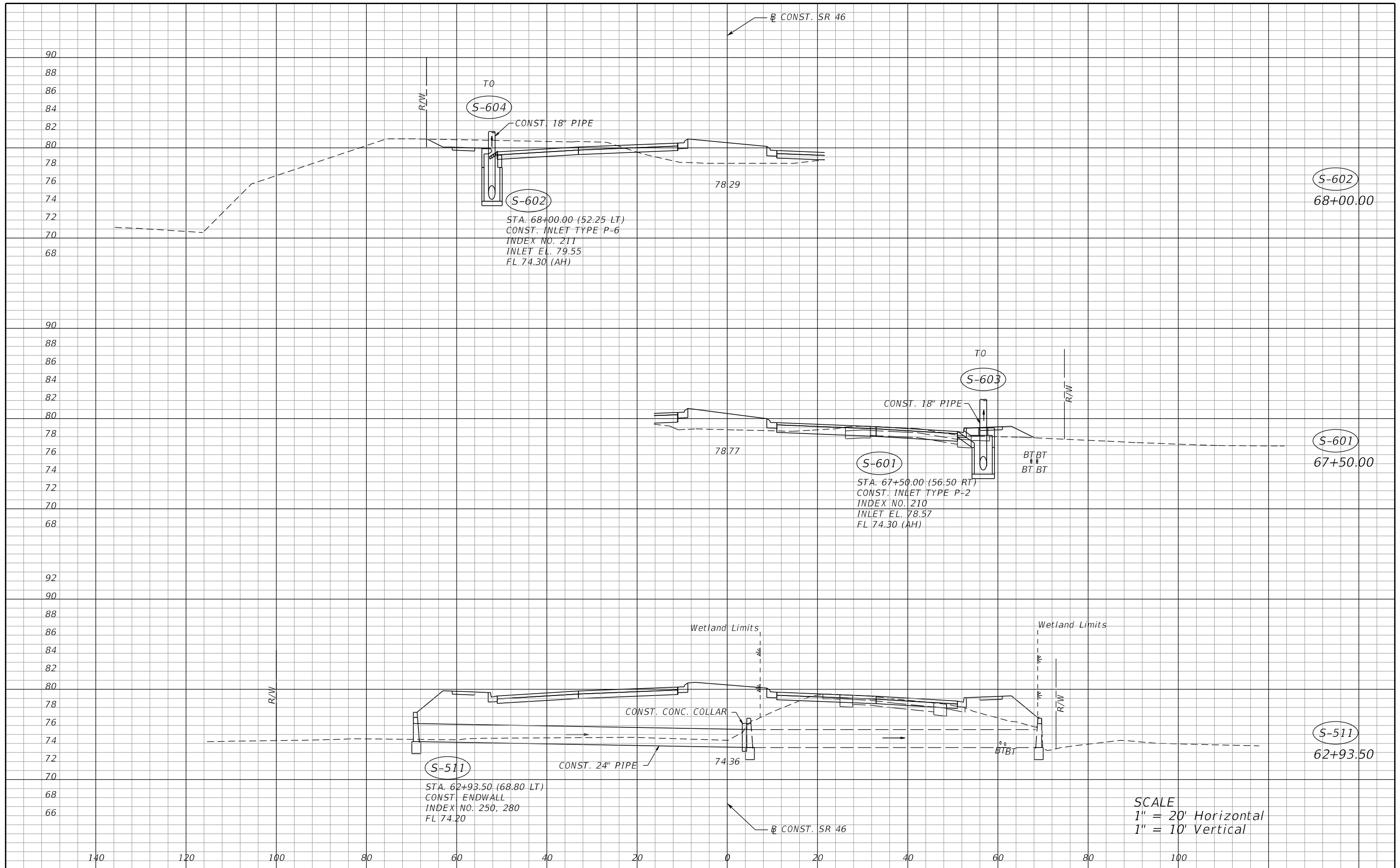
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

SCALE
1" = 20' Horizontal
1" = 10' Vertical

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SCALE
1" = 20' Horizontal
1" = 10' Vertical

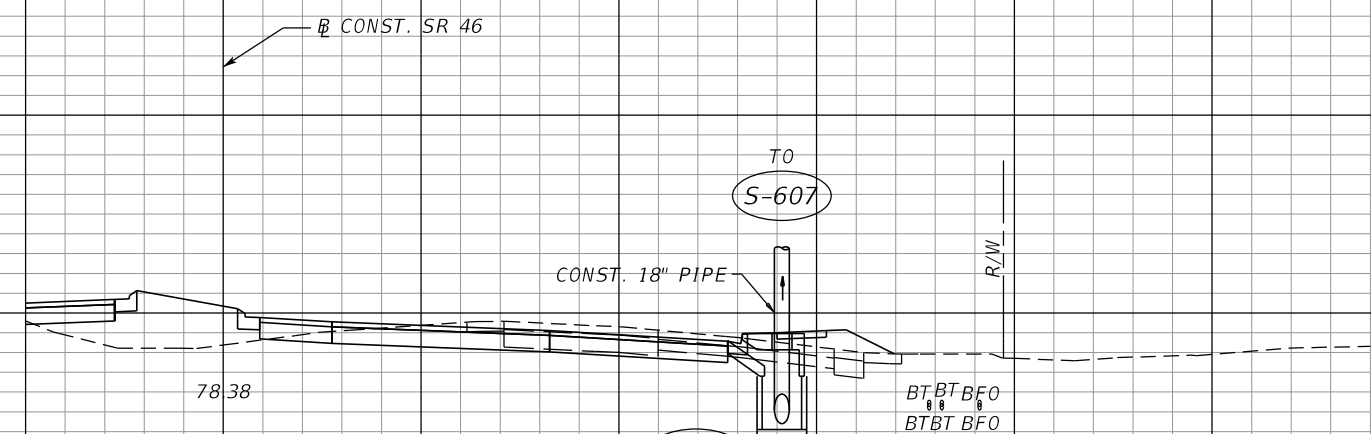
REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 125
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	

DRAINAGE STRUCTURES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

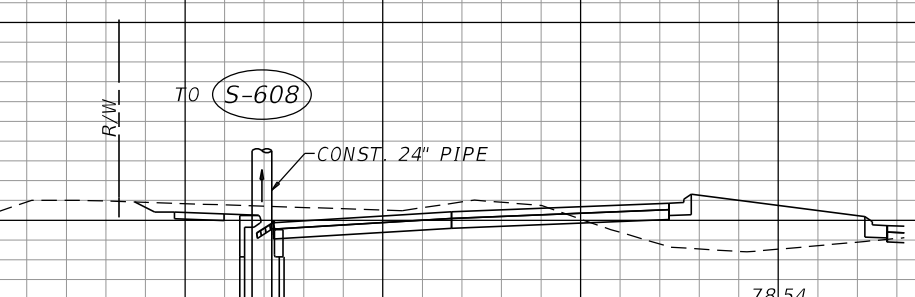
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140 120 100 80 60 40 20 0 20 40 60 80 100



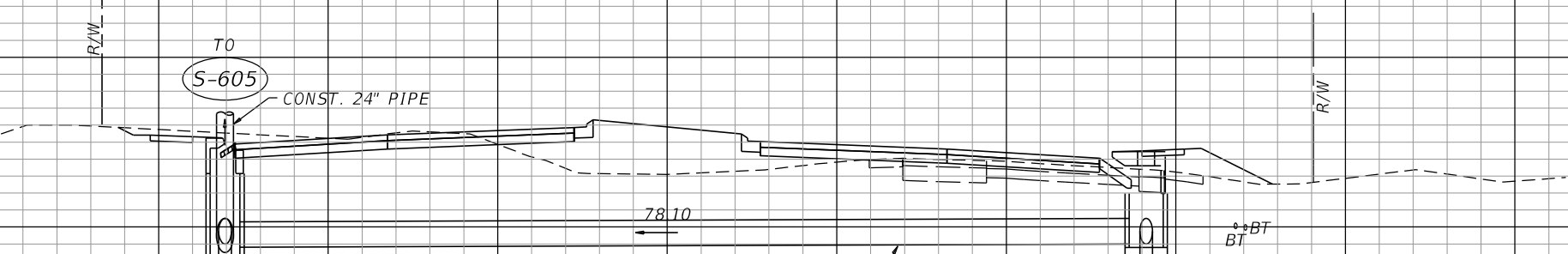
S-606
 STA. 72+50.00 (56.50 RT)
 CONST. INLET TYPE P-2
 INDEX NO. 210
 INLET EL. 78.57
 FL 74.40 (AH)

S-606
72+50.00



S-605
 STA. 71+90.00 (52.25 LT)
 CONST. INLET TYPE P-5
 INDEX NO. 211
 INLET EL. 79.88
 FL 73.20 (AH)
 FL 73.20 (BK)

S-605
71+90.00



S-604
 STA. 69+10.00 (52.25 LT)
 CONST. INLET TYPE P-5
 INDEX NO. 211
 INLET EL. 79.88
 FL 73.50 (AH)
 FL 74.00 (BK)
 FL 73.80 (RT)

S-604
S-603
69+10.00

S-603
 STA. 69+10.00 (56.50 RT)
 CONST. INLET TYPE P-1
 INDEX NO. 210
 INLET EL. 79.05
 FL 74.00 (LT)
 FL 74.00 (BK)

SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

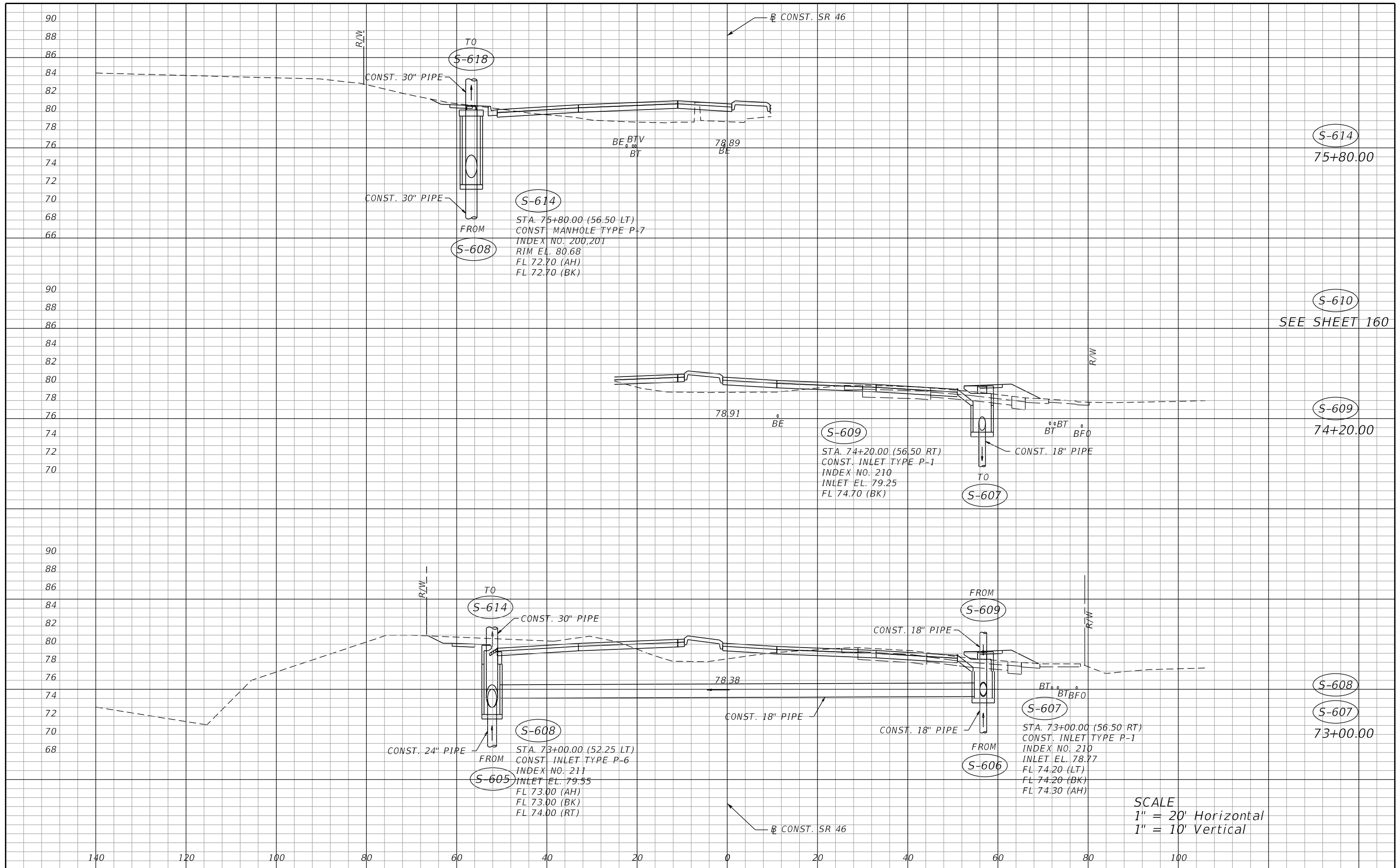
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

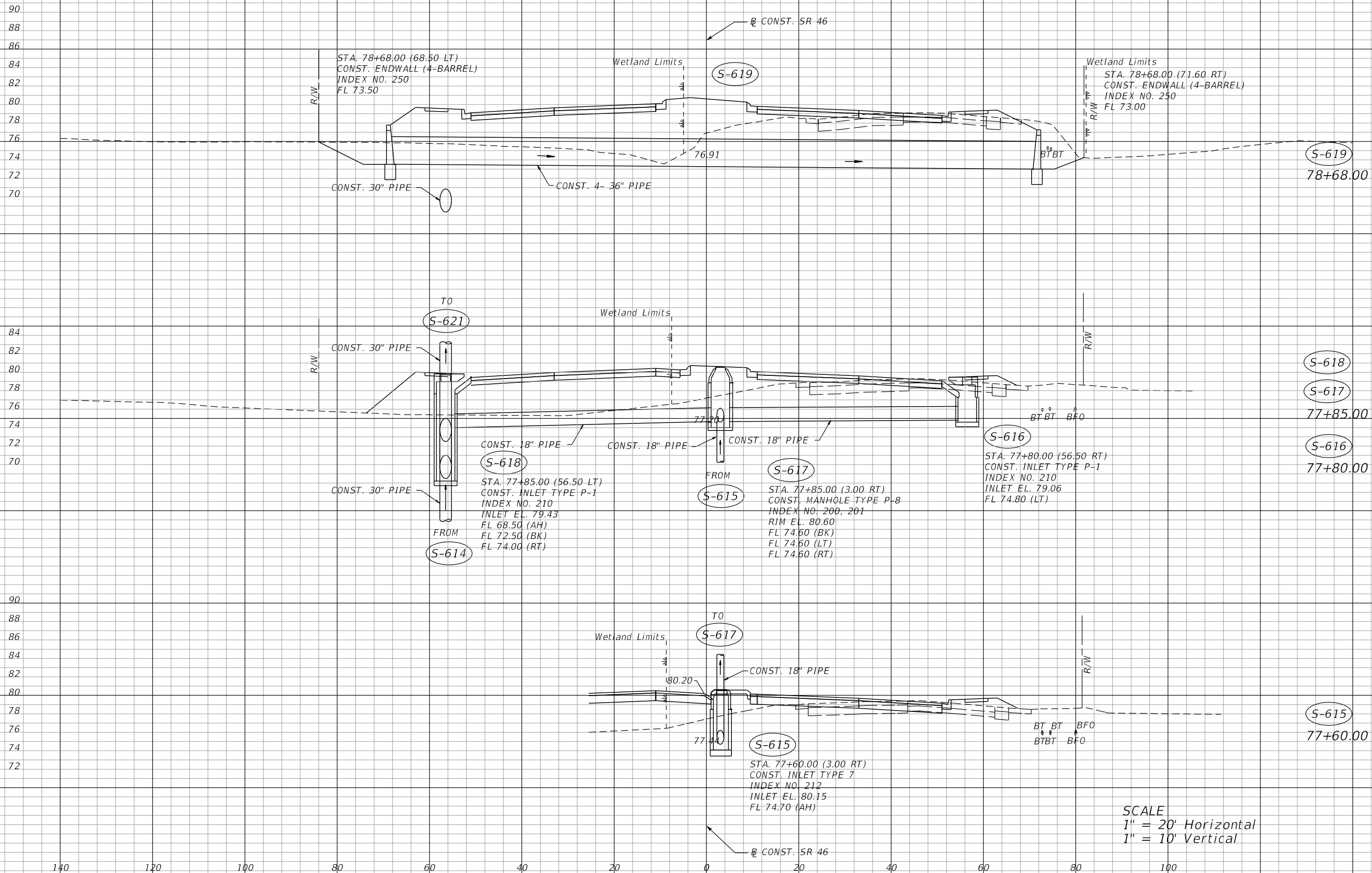
SHEET NO.
126

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 127
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	DRAINAGE STRUCTURES

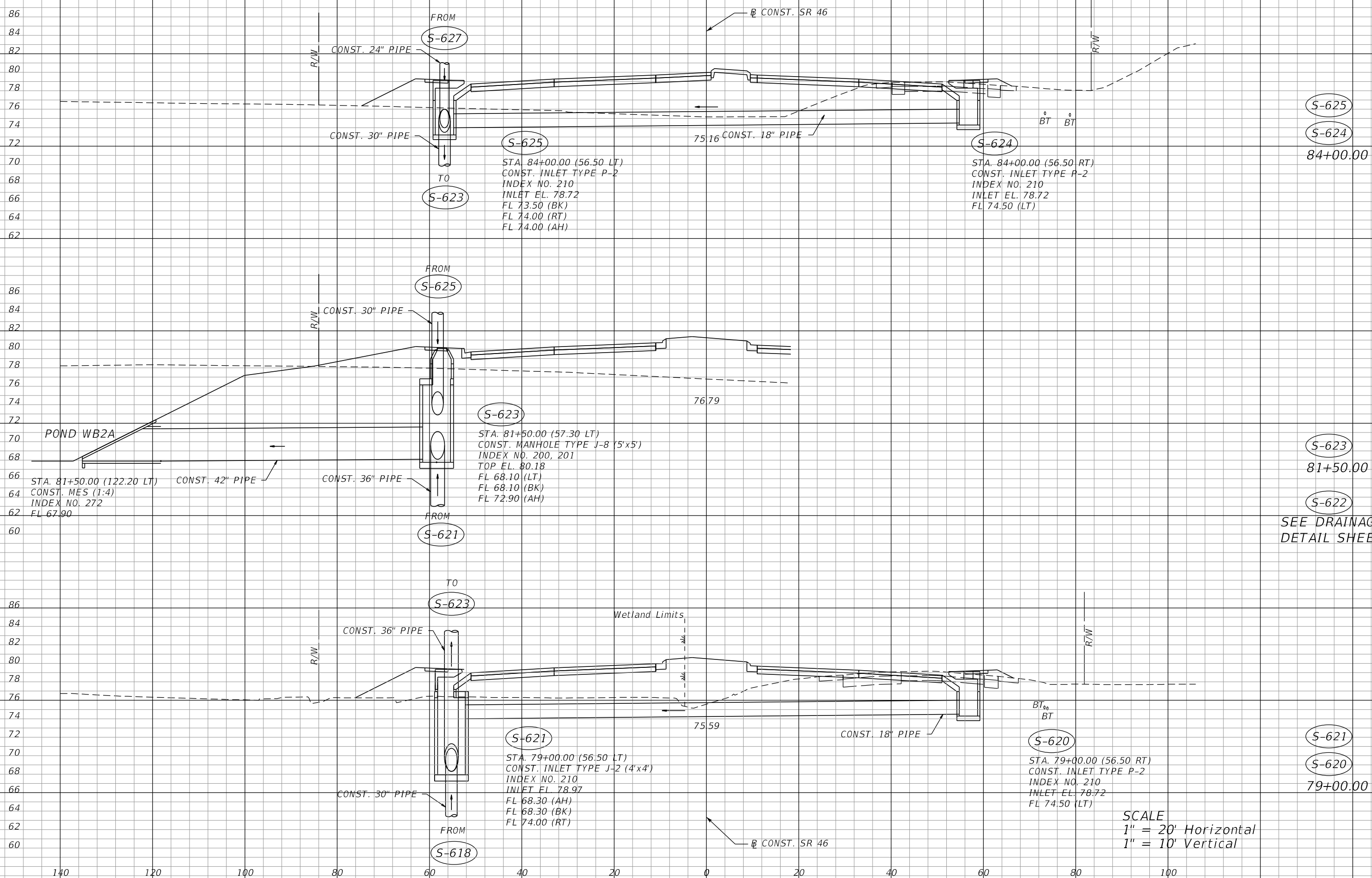
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	128

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

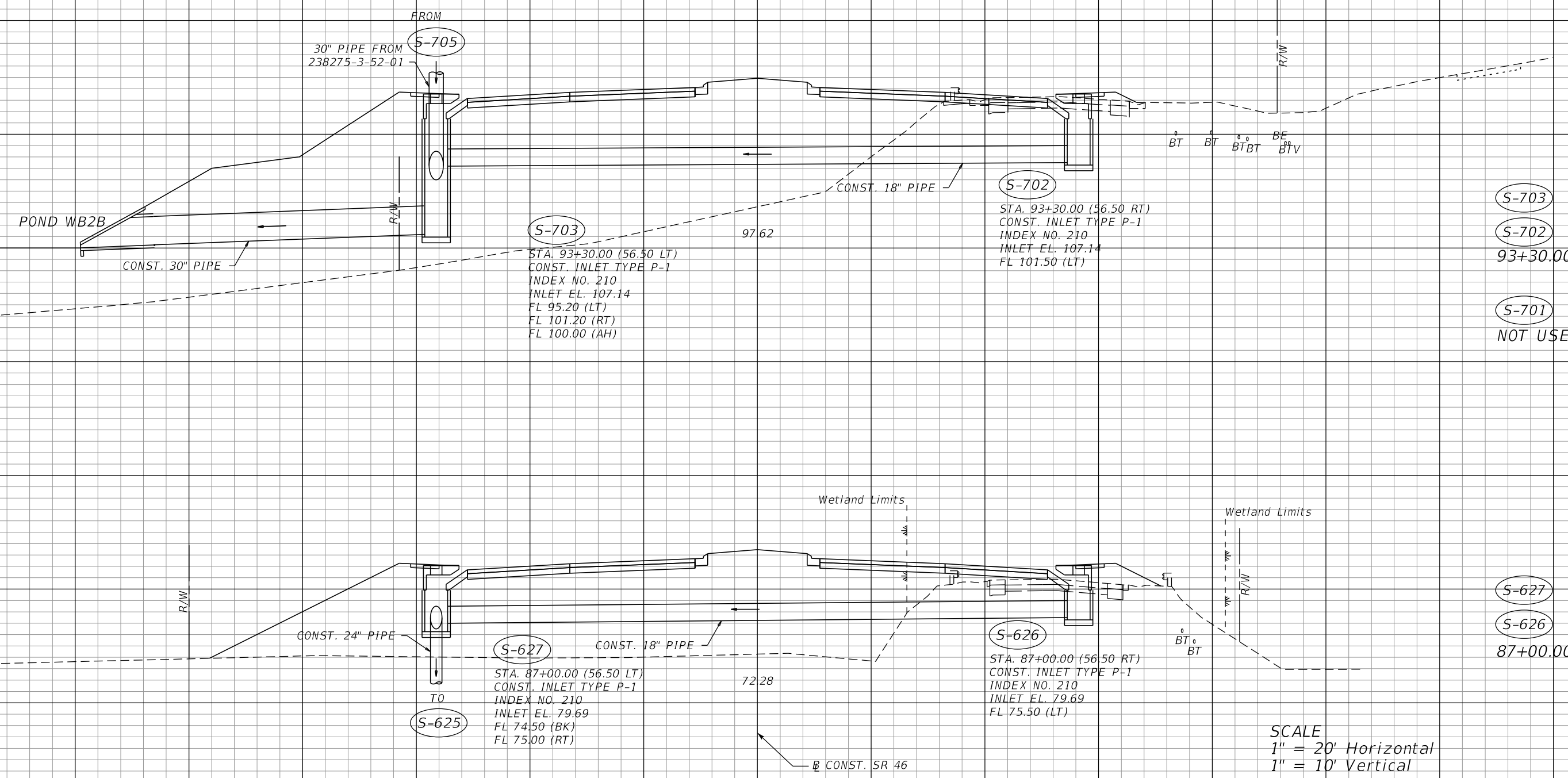
REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 129
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	DRAINAGE STRUCTURES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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140 120 100 80 60 40 20 0 20 40 60 80 100



S-704
SEE DRAINAGE
DETAIL SHEET

S-703
S-702
93+30.00

S-701
NOT USED

S-627
S-626
87+00.00

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET
NO.
130

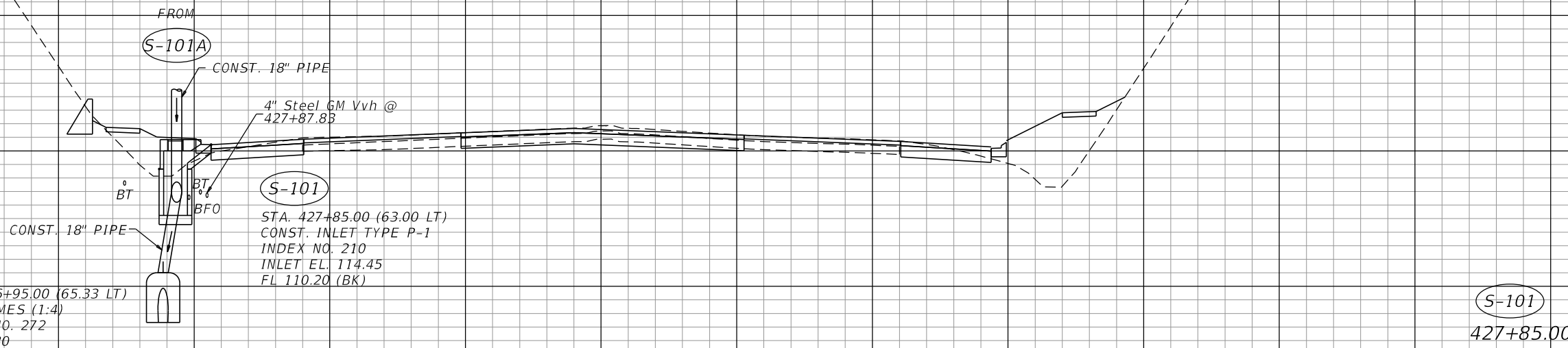
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

156
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R/W

CONST. SR 500



120

100

80

60

40

20

0

20

40

60

80

100

CONST. SR 500

S-100

STA. 412+45.50 (0.40 LT)
REMOVE EXIST. INLET TOP AND
CONST. DBI TYPE C (TRAVERSABLE)
WITH SLOTS
INDEX NO. 232
GRATE EL. 80.20

SCALE
1" = 20' Horizontal
1" = 10' Vertical

S-101
427+85.00

S-100
412+45.50

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

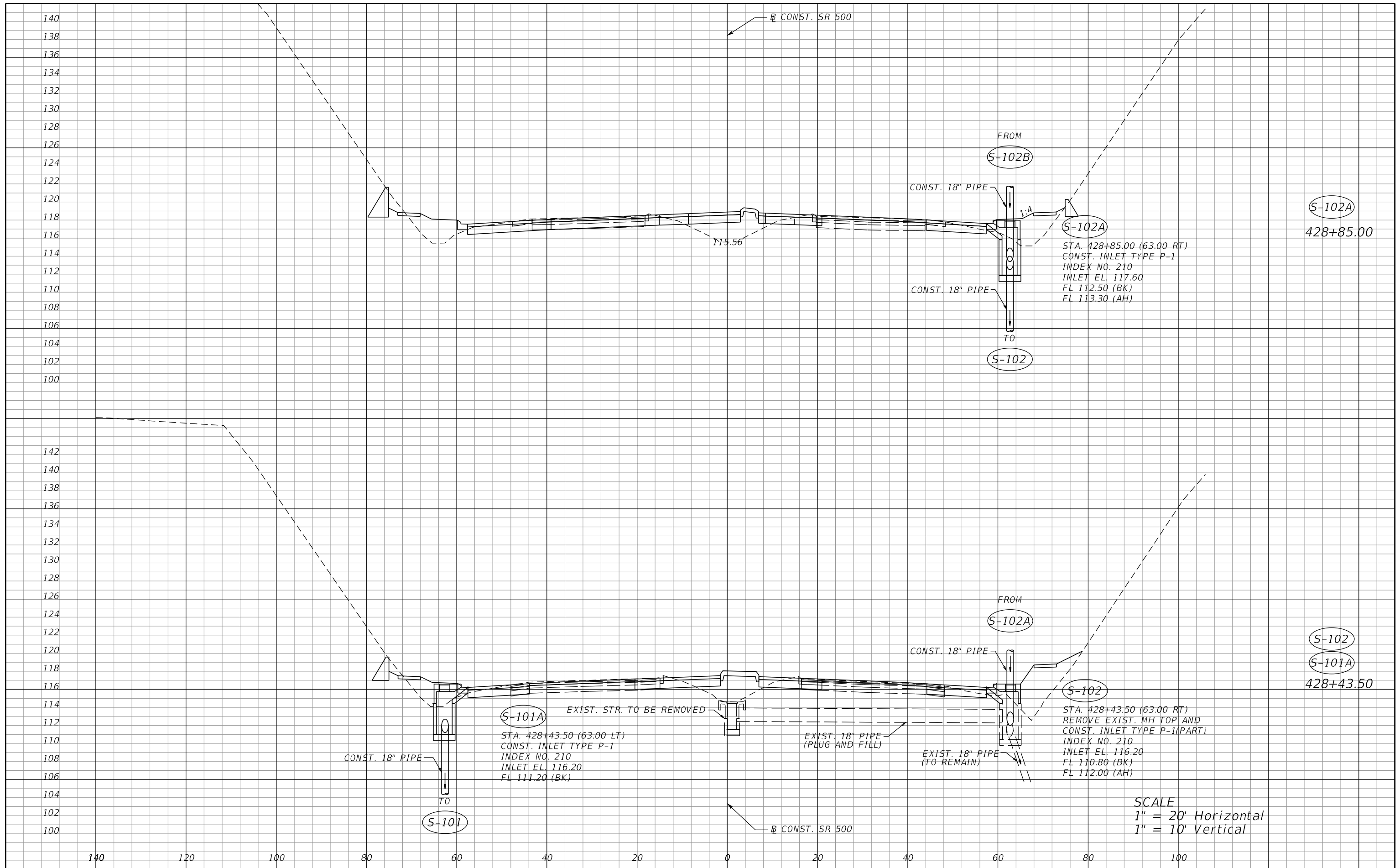
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
131

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 46	LAKE	238275-2-52-01	132
MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791				DRAINAGE STRUCTURES			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

148
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114
112
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106
104
102

140 120 100 80 60 40 20 0 20 40 60 80 100

CONST. SR 500

CONST. SR 500

116.91

FROM

S-102C

CONST. 18" PIPE

1.4

S-102B

CONST. 18" PIPE

TO

S-102A

STA. 429+29.00 (63.00 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 118.90
FL 113.90 (BK)
FL 114.70 (AH)

S-102B

429+29.00

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

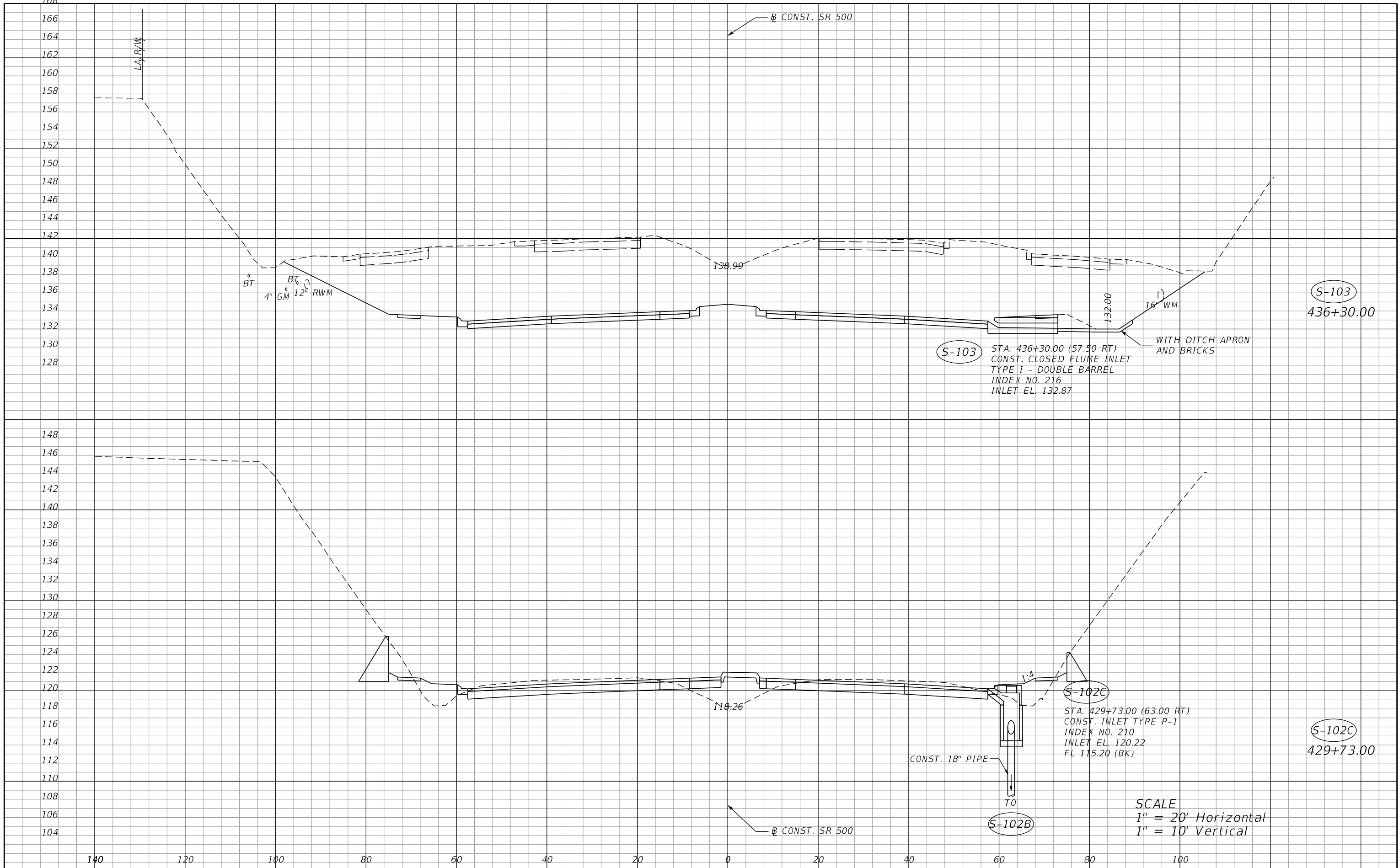
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
133

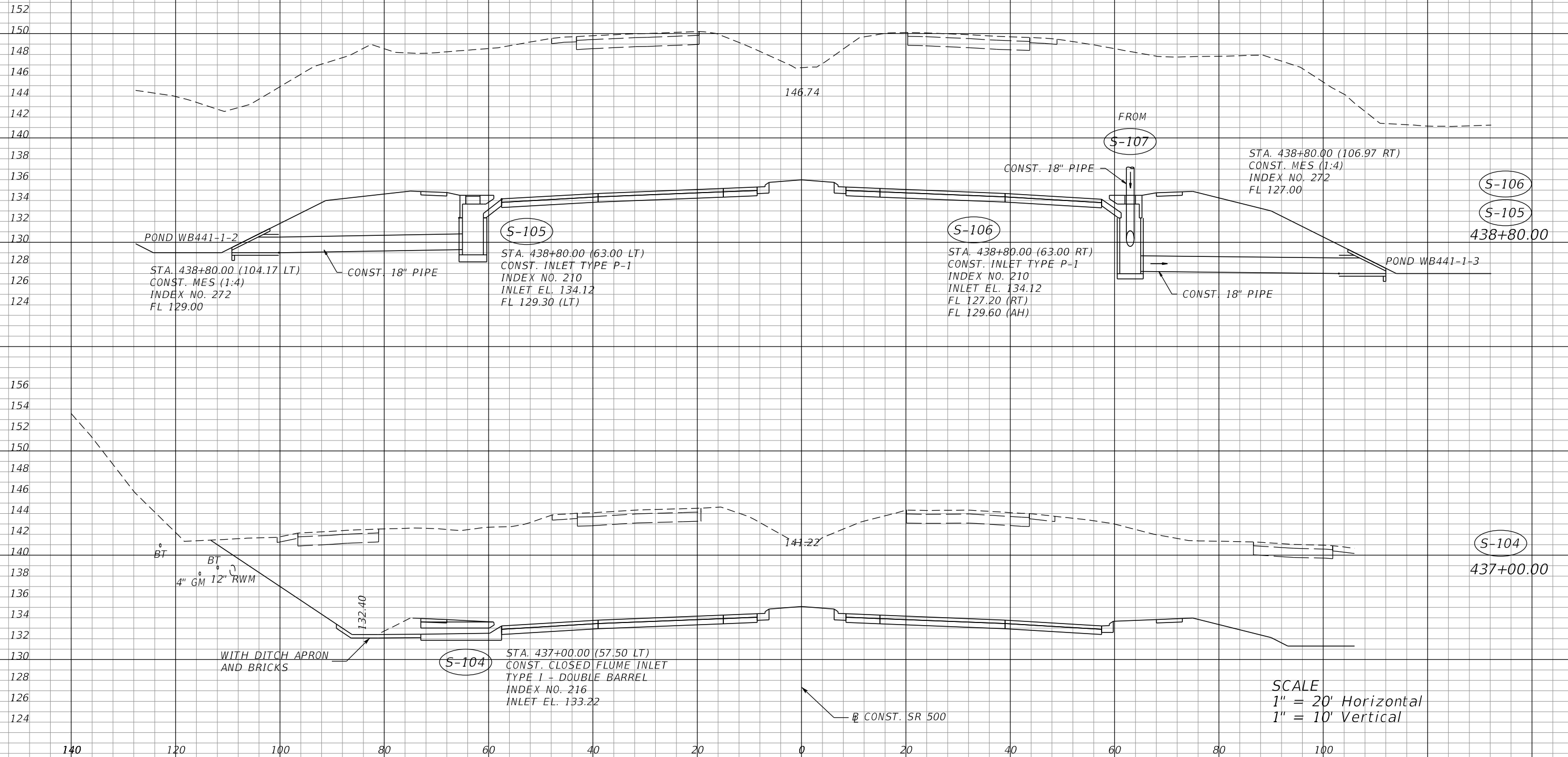
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS DATE DESCRIPTION DATE DESCRIPTION		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 134
			ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	ROAD NO. SR 46	COUNTY LAKE		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 135
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	

DRAINAGE STRUCTURES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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140

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100

80

60

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20

40

60

80

100

153.48

151.12

WB441-1-2
STA. 441+10.00 (109.81 LT)
CONST. MES (1:4)
INDEX NO. 272
FL 129.00

CONST. 18" PIPE

CONST. 18" PIPE

136.64

CONST. TRENCH DRAIN

FROM

S-109

S-108
STA. 441+10.00 (7.00 LT)
CONST. INLET TYPE 7
INDEX NO. 212
INLET EL. 136.63
FL 129.30 (LT)
FL 131.00 (AH)

CONST. 18" PIPE

TO

S-107

S-107A
STA. 441+10.00 (63.00 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 135.27
FL 131.00 (BK)

S-108

S-107A

441+10.00

FROM

S-107A

CONST. 18" PIPE

S-107
STA. 440+44.00 (63.00 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 134.94
FL 130.00 (BK)
FL 130.00 (AH)

CONST. 18" PIPE

TO

S-106

S-107

440+44.00

CONST. SR 500

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

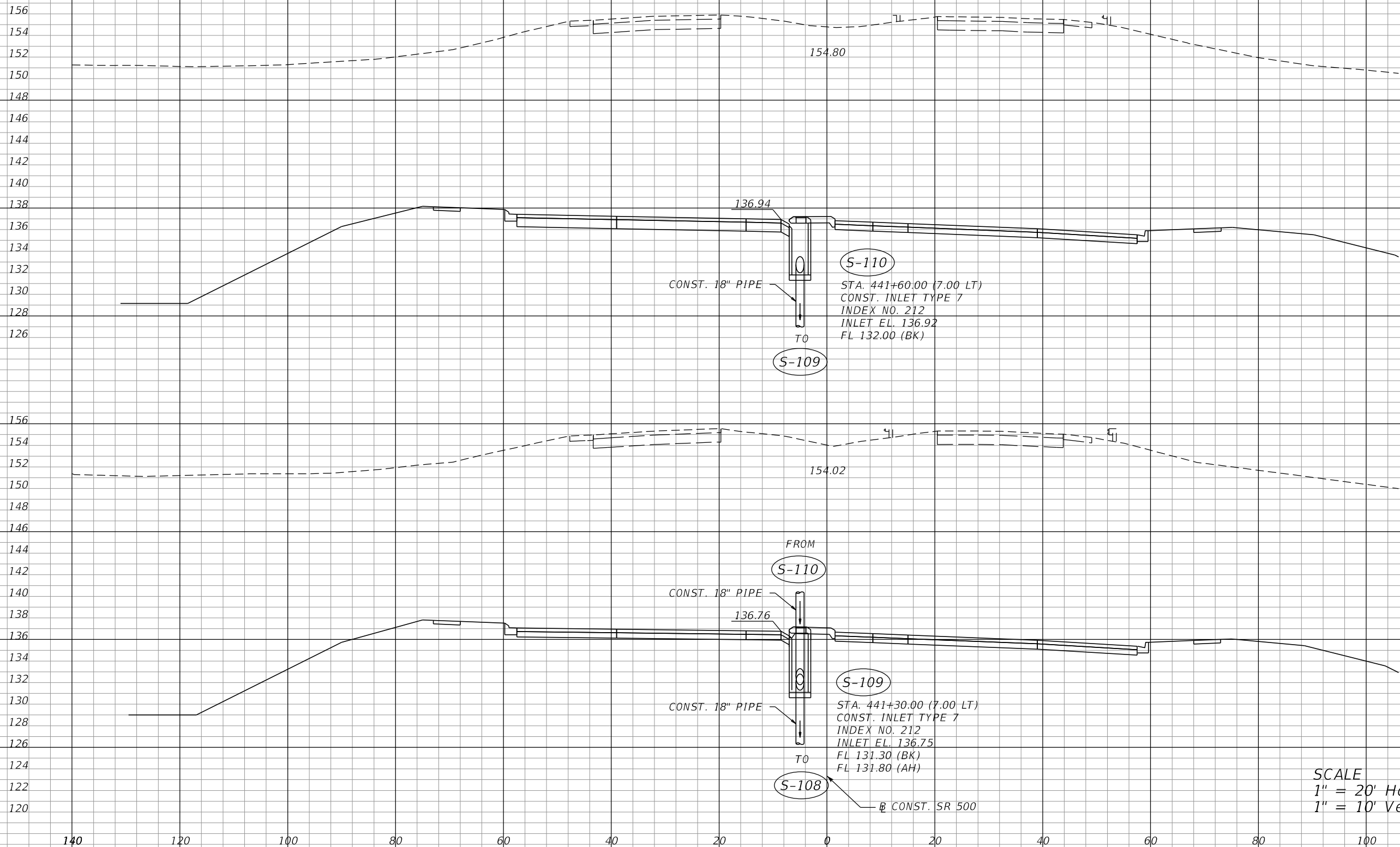
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
136

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



S-110
441+60.00

S-109
441+30.00

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS		DESCRIPTION		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 137
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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116

120 100 80 60 40 20 0 20 40 60 80 100

CONST. SR 500

148.84

156.07

S-114

FROM
STA. 444+60.00 (77.00 RT)
CONST. MANHOLE TYPE P-8
INDEX NO. 200, 201
RIM EL. 136.50
FL 127.10 (RT)
FL 127.10 (AH)
FL 131.80 (LT)

S-115
444+65.30

S-114
444+60.00

S-115

STA. 444+65.30 (51.00 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 136.63
FL 132.00 (RT)

S-120A

CONST. 24" PIPE

CONST. 18" PIPE

S-324

CONST. 24" PIPE

TO

CONST. 18" PIPE

S-112

STA. 442+25.00 (63.00 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 135.90
FL 127.50 (RT)
FL 127.50 (LT)

FROM

S-325

CONST. 18" PIPE

CONST. 18" PIPE

CONST. 18" PIPE

S-112
442+25.00

S-111
442+25.00

S-113
442+21.40

S-113

STA. 442+21.40 (109.80 RT)
CONST. MANHOLE TYPE 7
INDEX NO. 200, 201
TOP EL. 135.20
FL 125.40 (BK)
FL 127.40 (LT)
FL 129.60 (AH)

STA. 441+79.70 (137.66 RT)
CONST. MES (1:4)
INDEX NO. 272
FL 125.30

SCALE
1" = 20' Horizontal
1" = 10' Vertical

CONST. SR 500

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 138
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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140 120 100 80 60 40 20 0 20 40 60 80 100

CONST. SR 500

156.47

156.89

TO
S-119

CONST. 18" PIPE

137.02

S-117

STA. 445+60.00 (3.00 RT)
CONST. INLET TYPE P-7
INDEX NO. 212
INLET EL. 137.01
FL 133.30 (AH)
FL 133.30 (BK)

CONST. 18" PIPE

FROM
S-116

TO
S-117

CONST. 18" PIPE

137.22

S-116

STA. 445+20.00 (3.00 RT)
CONST. INLET TYPE P-7
INDEX NO. 212
INLET EL. 137.20
FL 133.50 (AH)
CONST. SR 500

TO
S-118

CONST. 18" PIPE

CONST. 18" PIPE

FROM
S-318

S-116A

STA. 445+20.00 (96.00 LT)
CONST. MANHOLE TYPE P-7 ALT A (4' DIA.)
INDEX NO. 200, 201
RIM EL. 138.70
FL 133.20 (AH)
FL 133.20 (LT)

S-117

445+60.00

S-116A

S-116

445+20.00

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

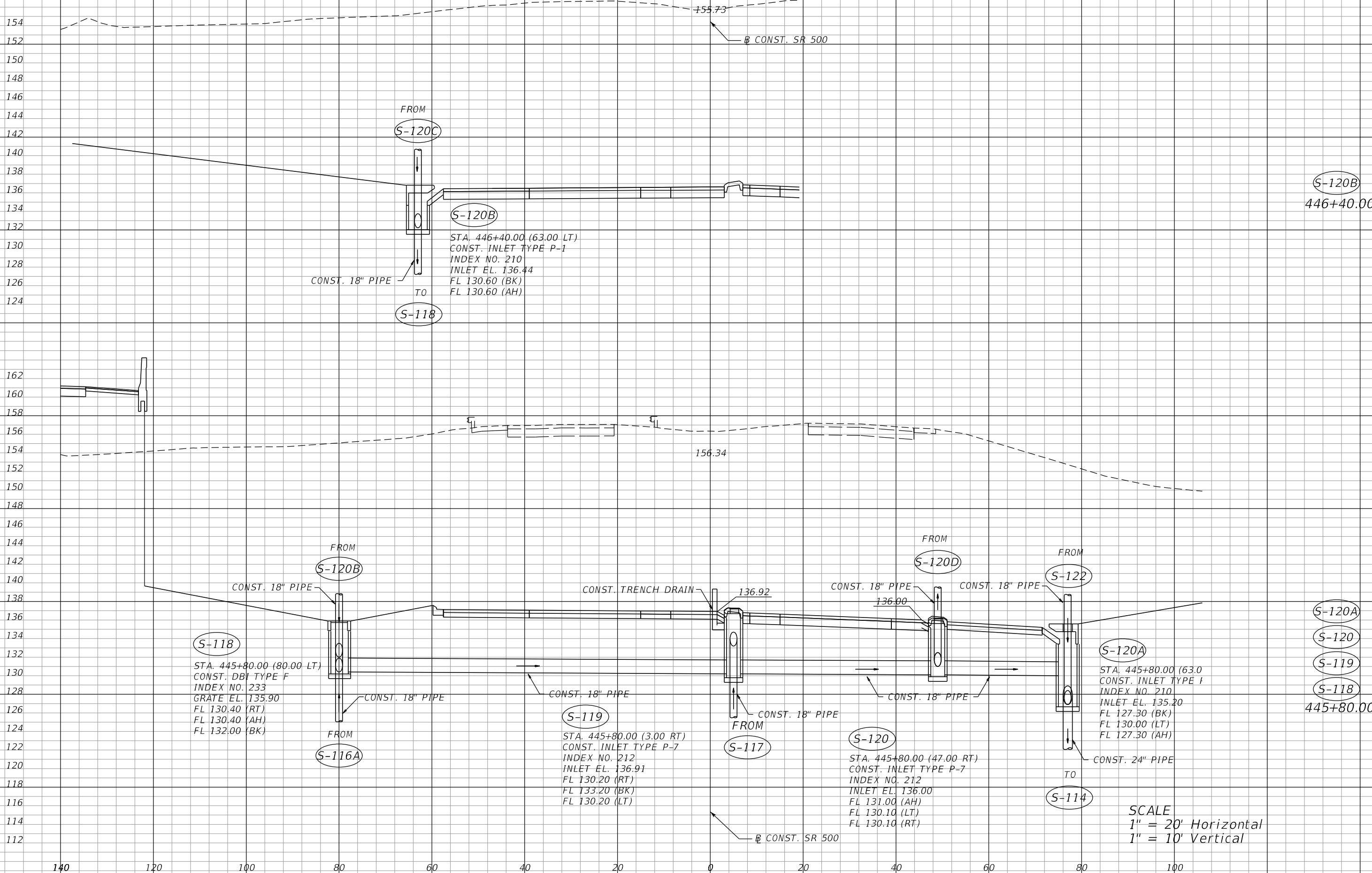
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
139

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 140
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01		

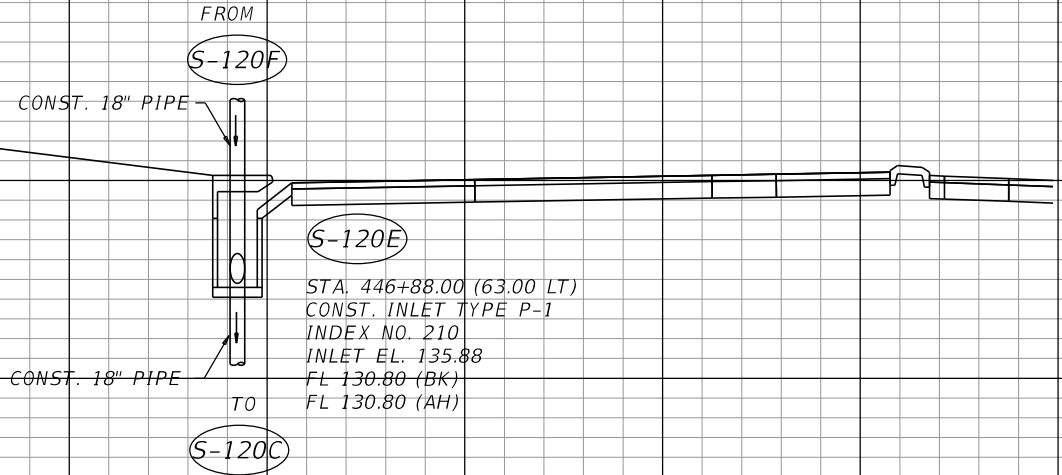
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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CONST. SR 500

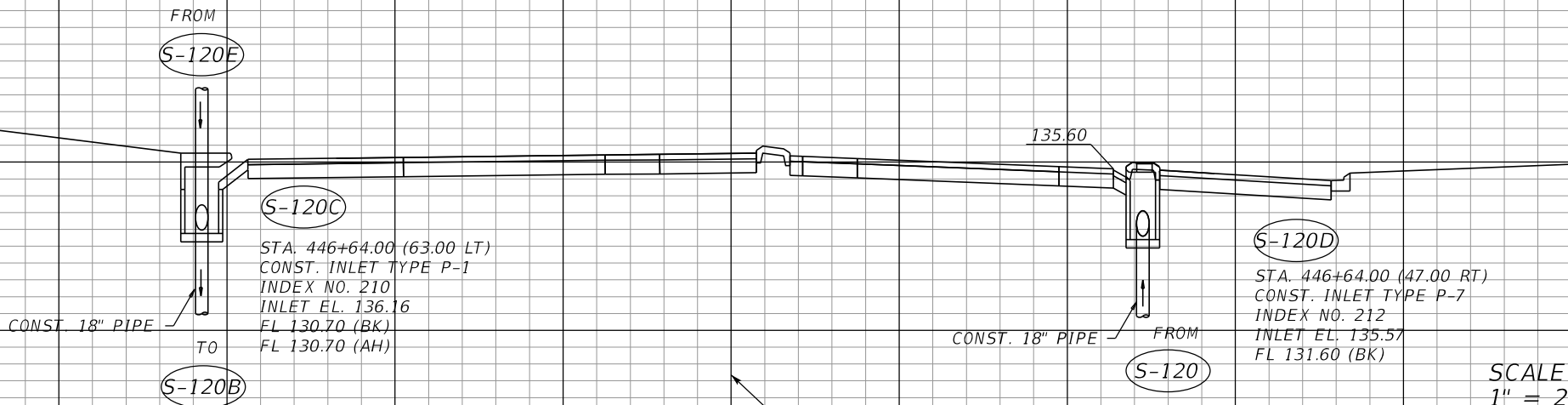
155.15

S-120E
446+88.00



155.48

S-120D
S-120C
446+64.00



CONST. SR 500

SCALE
1" = 20' Horizontal
1" = 10' Vertical

140 120 100 80 60 40 20 0 20 40 60 80 100

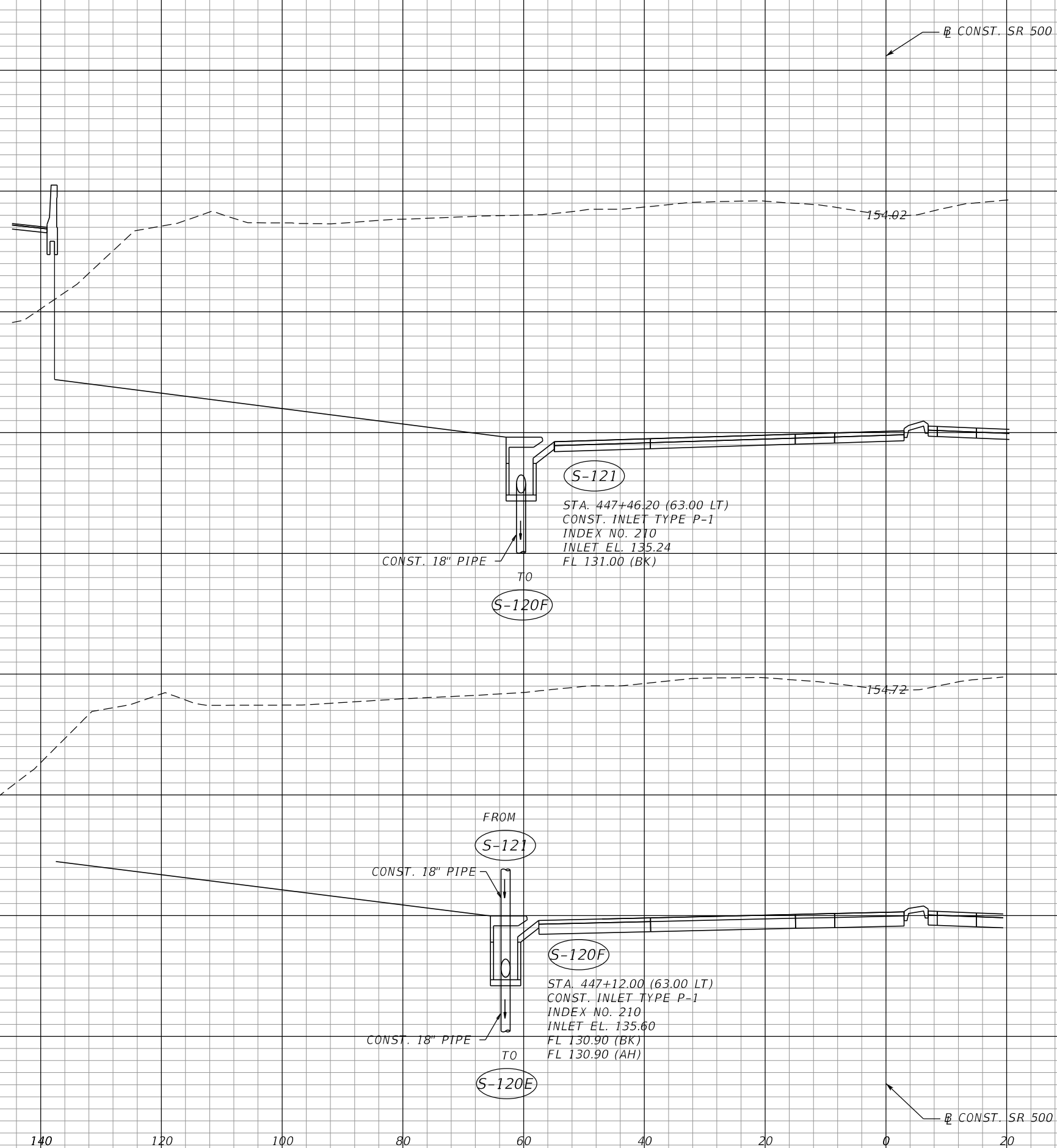
REVISIONS		DESCRIPTION		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	141

DRAINAGE STRUCTURES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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S-121
447+46.20

S-120F
447+12.00

S-121
STA. 447+46.20 (63.00 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 135.24
FL 131.00 (BK)

S-120F
STA. 447+12.00 (63.00 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 135.60
FL 130.90 (BK)
FL 130.90 (AH)

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

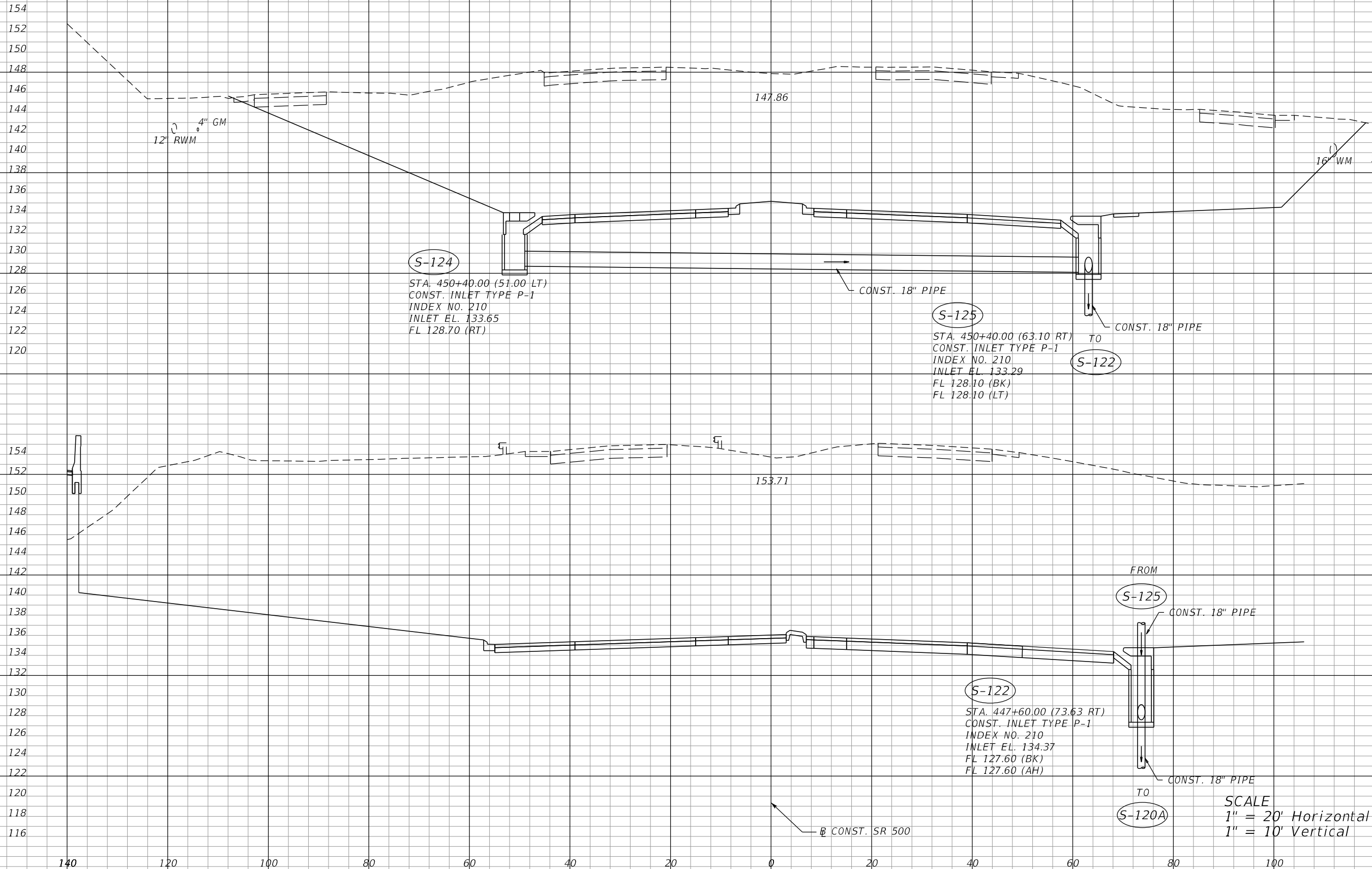
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
142

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



(S-125)
 (S-124)
 450+40.00

 (S-123)
 NOT USED

 (S-122)
 447+60.00

SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

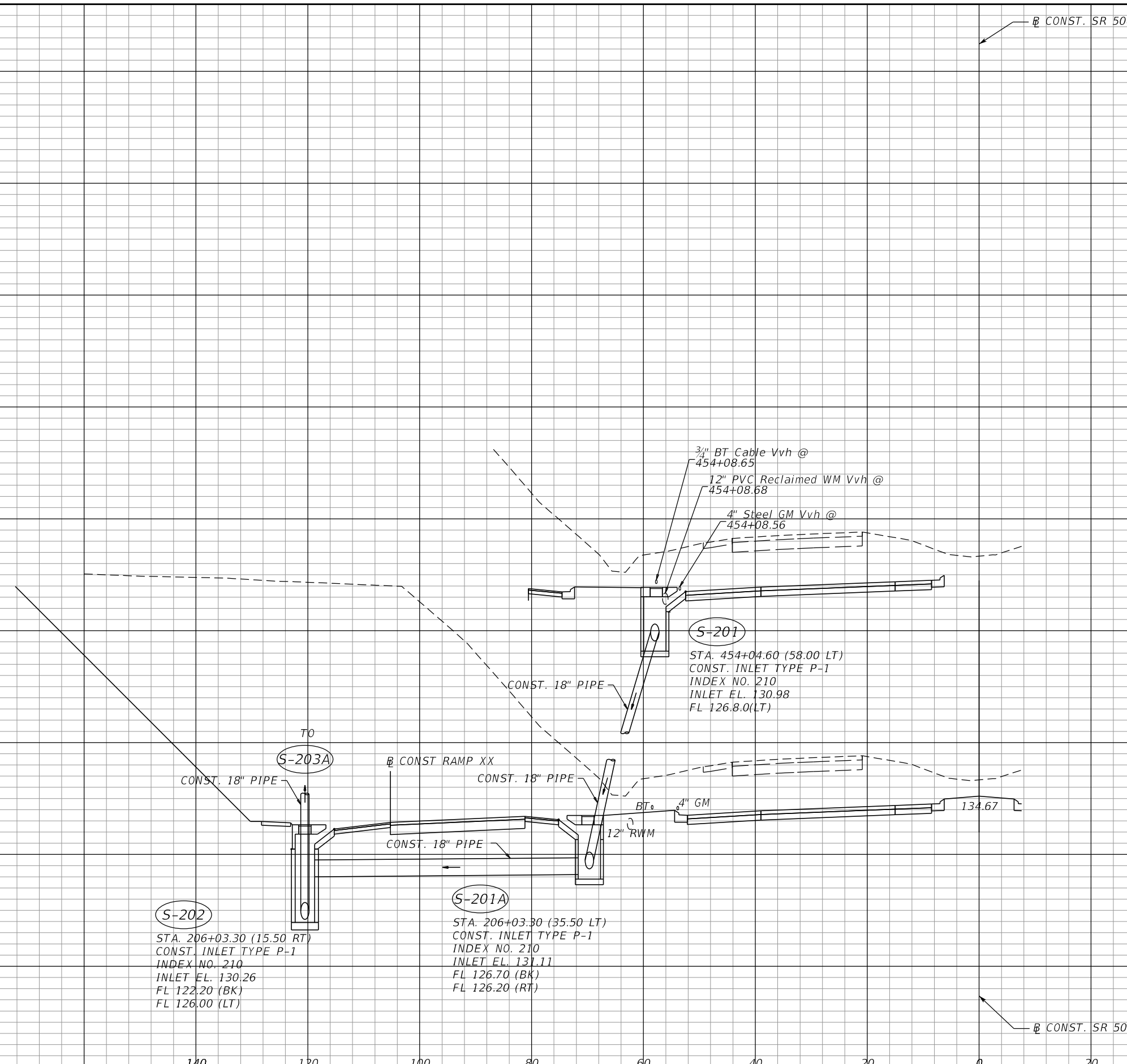
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
 143

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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112



(S-201)
454+04.60

(S-202)

(S-201A)
206+03.30
RAMP XX

(S-202)
STA. 206+03.30 (15.50 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 130.26
FL 122.20 (BK)
FL 126.00 (LT)

(S-201A)
STA. 206+03.30 (35.50 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 131.11
FL 126.70 (BK)
FL 126.20 (RT)

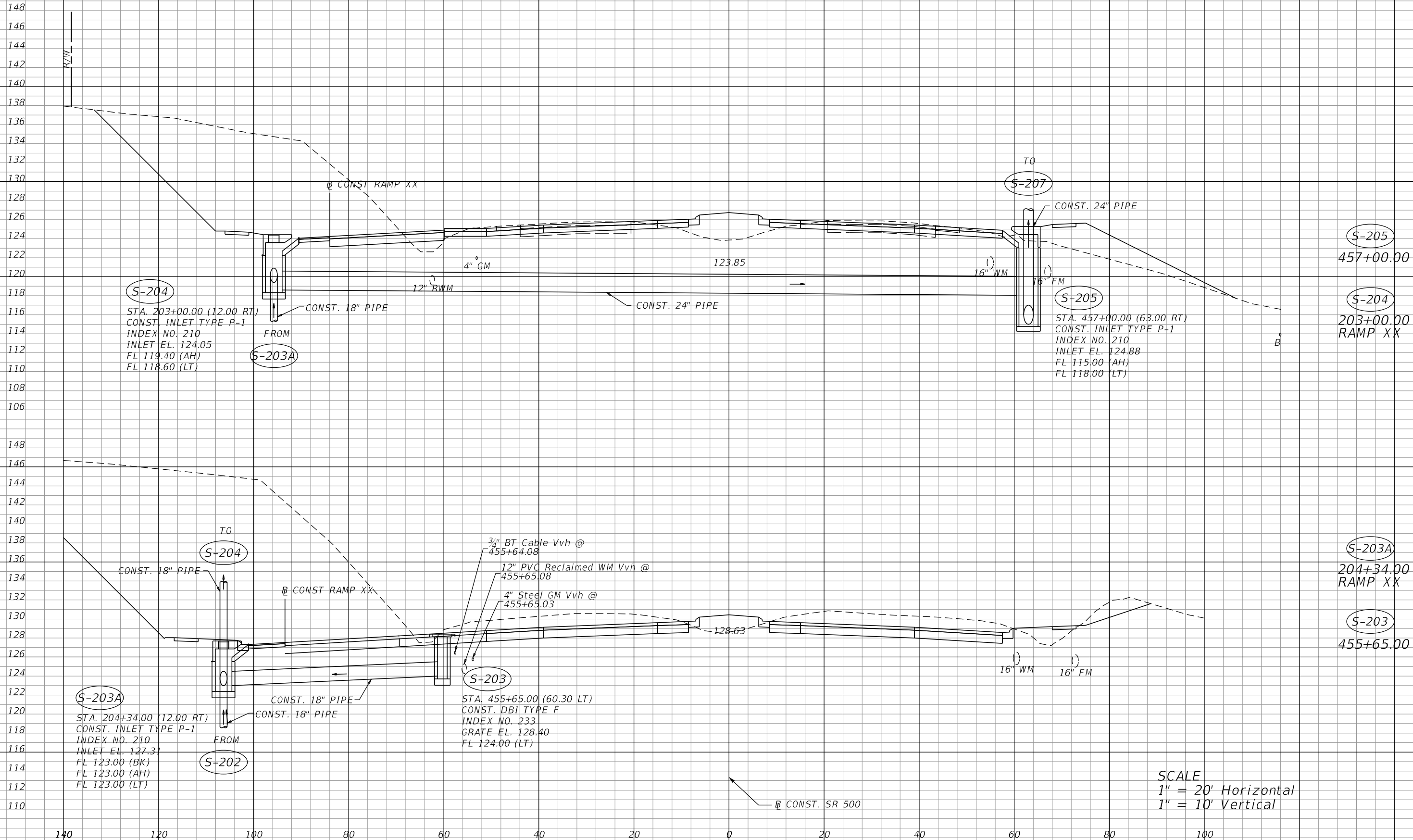
(S-201)
STA. 454+04.60 (58.00 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 130.98
FL 126.80 (LT)

SCALE
1" = 20' Horizontal
1" = 10' Vertical

140 120 100 80 60 40 20 0 20 40

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 144
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	DRAINAGE STRUCTURES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

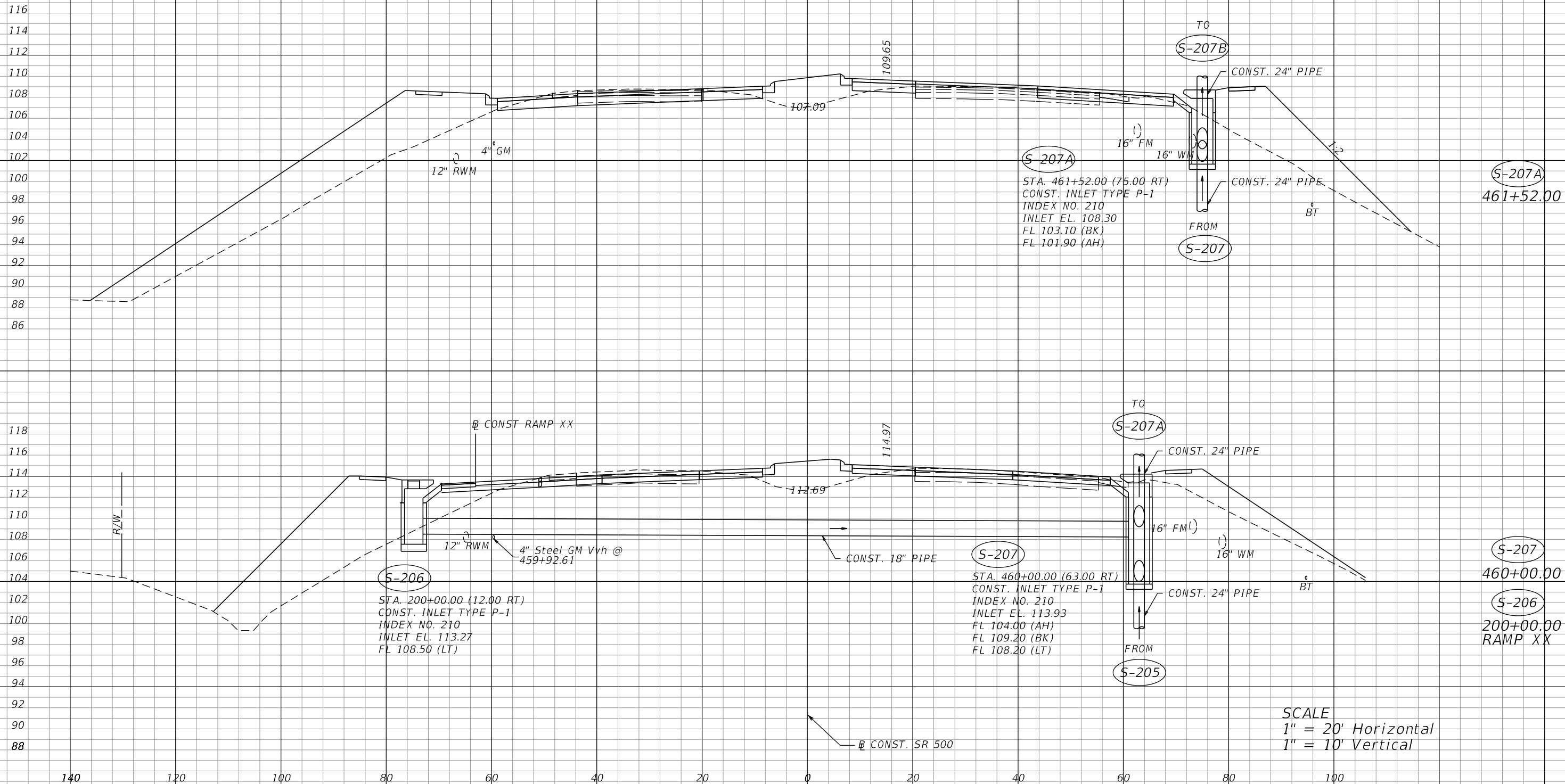


SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 145
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	

DRAINAGE STRUCTURES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

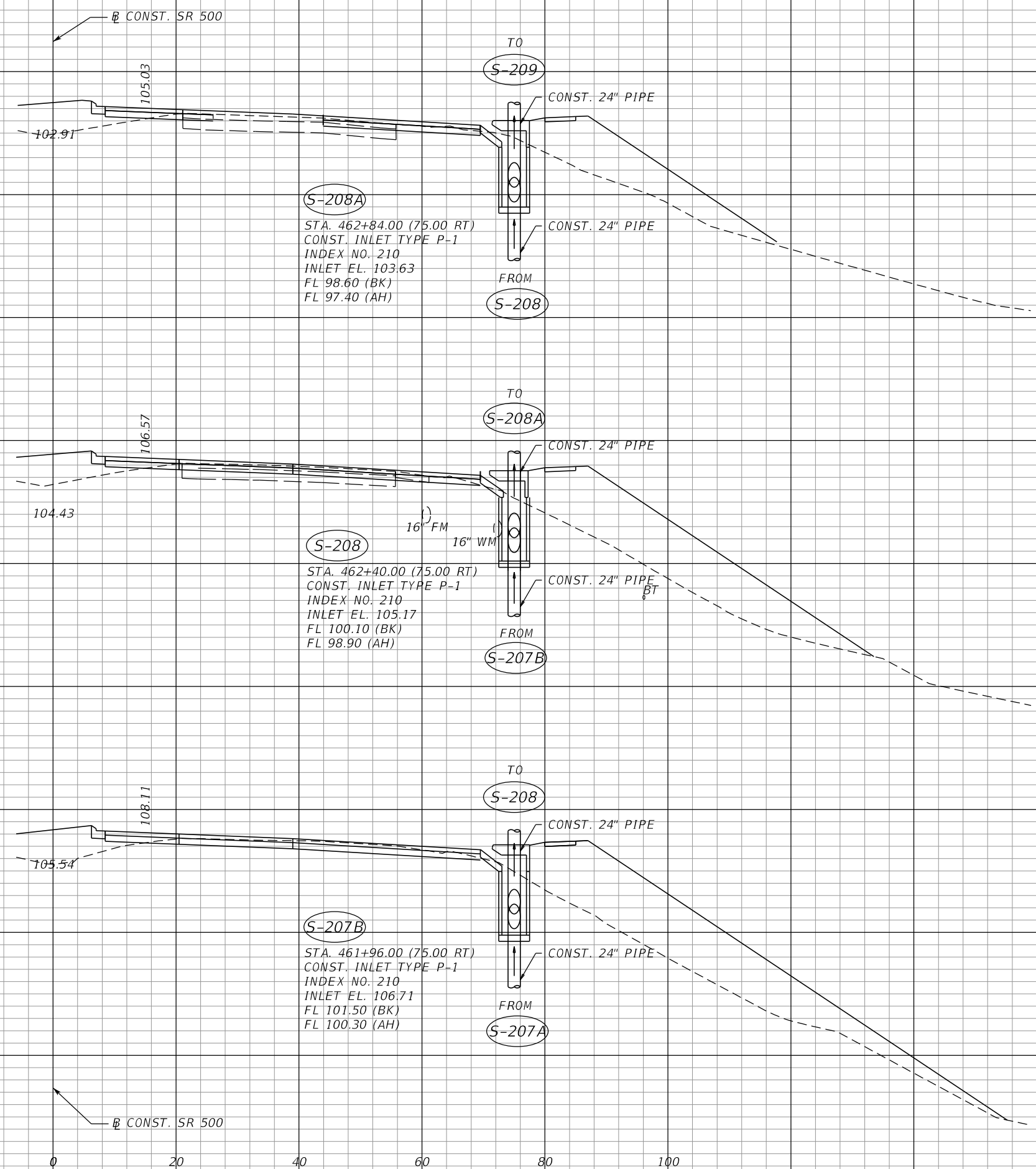
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
146

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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84



S-208A
462+84.00

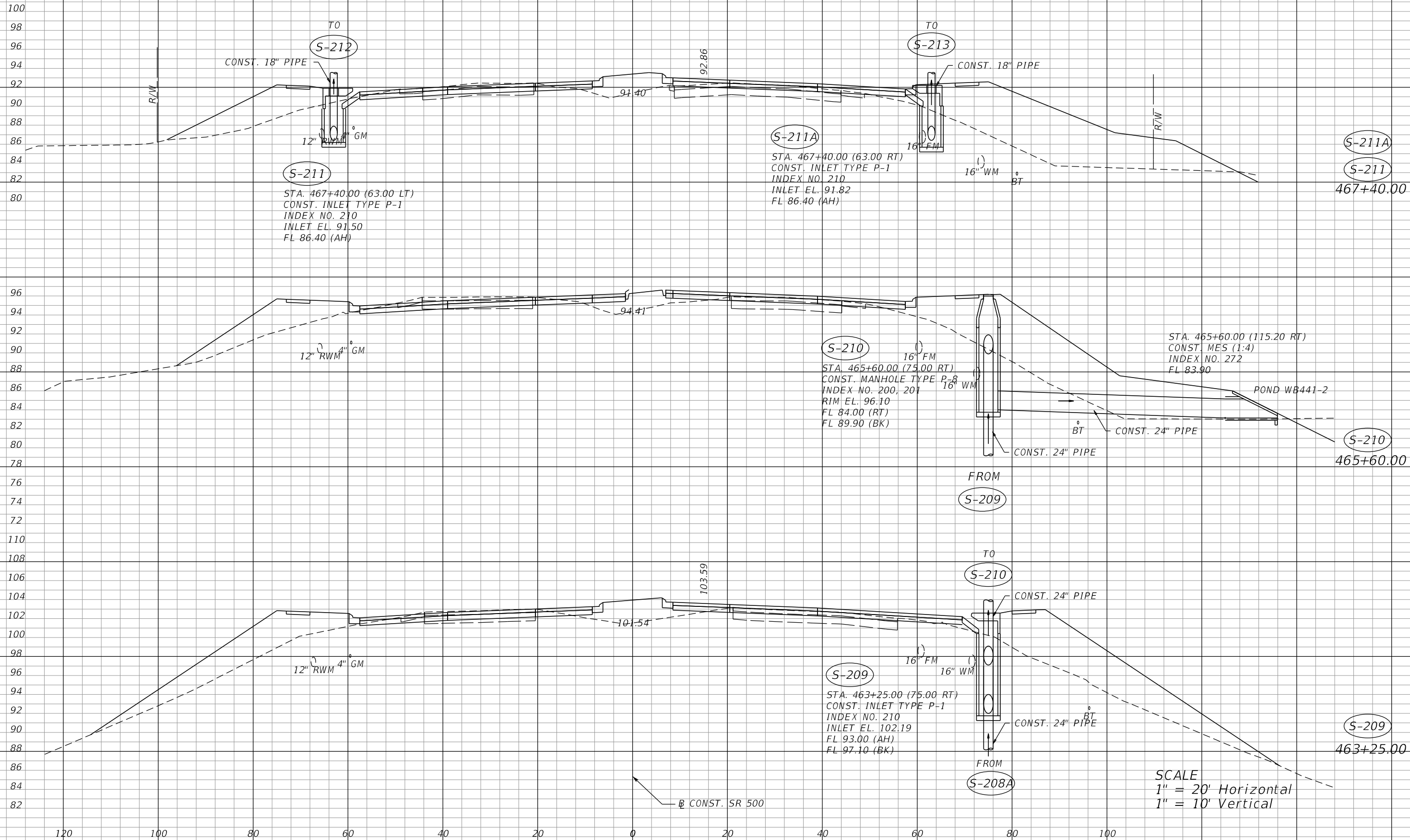
S-208
462+40.00

S-207B
461+96.00

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 147
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

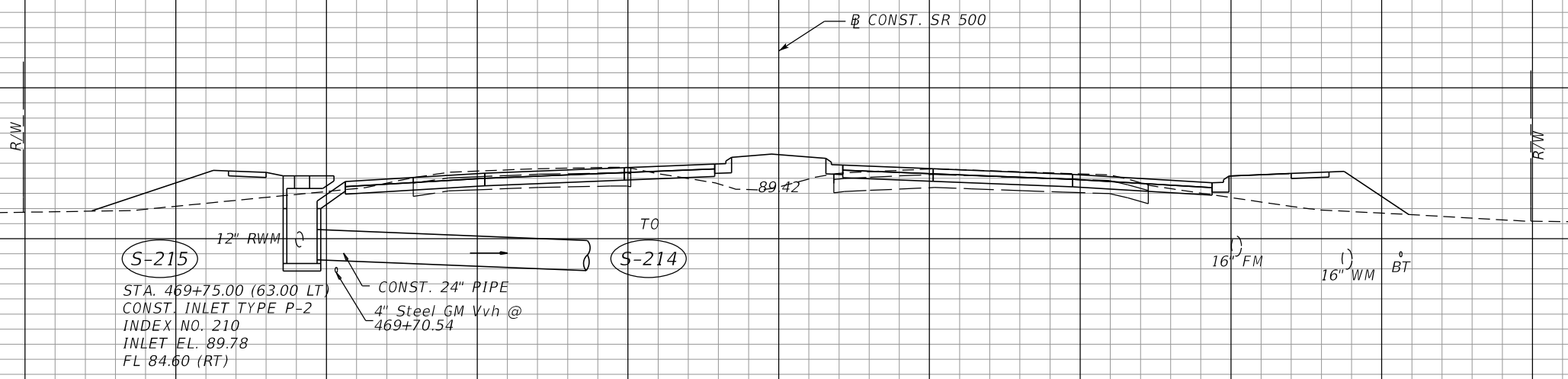
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
148

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

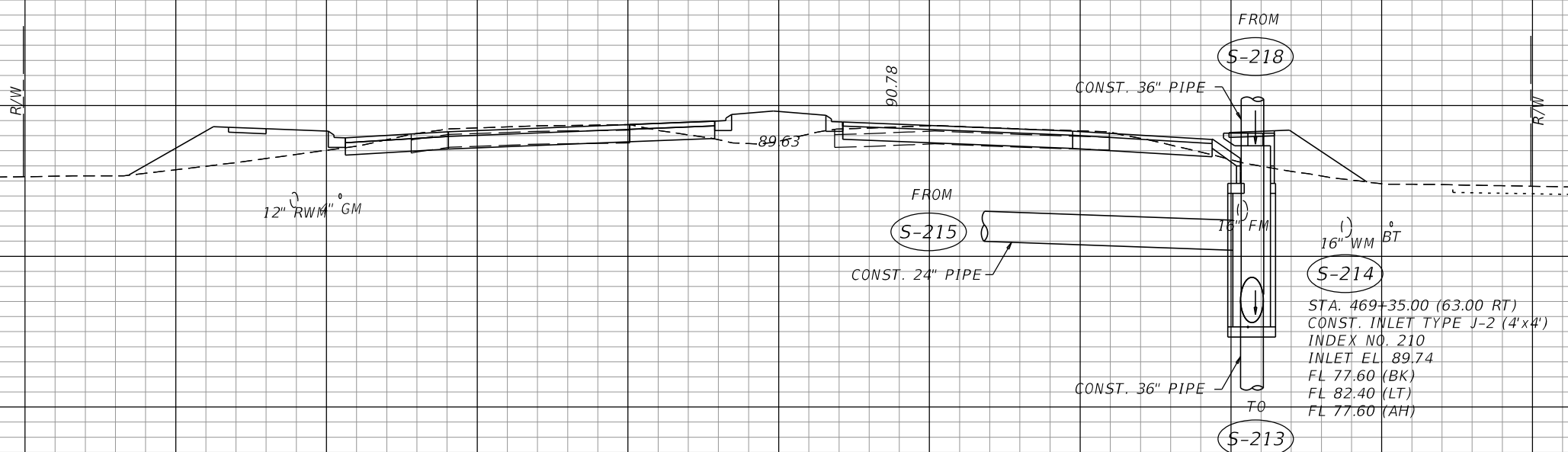
98
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(S-215)
STA. 469+75.00 (63.00 LT)
CONST. INLET TYPE P-2
INDEX NO. 210
INLET EL. 89.78
FL 84.60 (RT)

CONST. 24" PIPE
4" Steel GM Vvh @
469+70.54

(S-215)
469+75.00



FROM (S-218)
CONST. 36" PIPE

FROM (S-215)
CONST. 24" PIPE

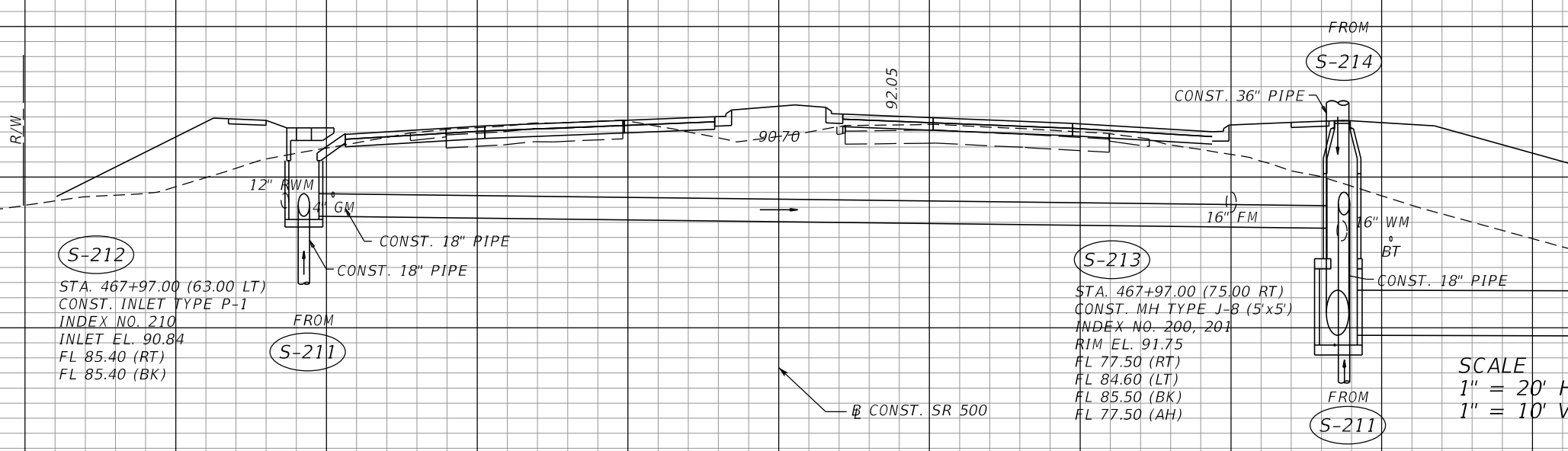
FROM (S-214)
CONST. 36" PIPE

TO (S-213)

CONST. 36" PIPE

CONST. INLET TYPE J-2 (4'x4')
INDEX NO. 210
INLET EL. 89.74
FL 77.60 (BK)
FL 82.40 (LT)
FL 77.60 (AH)

(S-214)
469+35.00



(S-212)
STA. 467+97.00 (63.00 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 90.84
FL 85.40 (RT)
FL 85.40 (BK)

CONST. 18" PIPE
CONST. 18" PIPE

FROM (S-211)

(S-213)
STA. 467+97.00 (75.00 RT)
CONST. MH TYPE J-8 (5'x5')
INDEX NO. 200, 201
RIM EL. 91.75
FL 77.50 (RT)
FL 84.60 (LT)
FL 85.50 (BK)
FL 77.50 (AH)

(S-213)
(S-212)
467+97.00

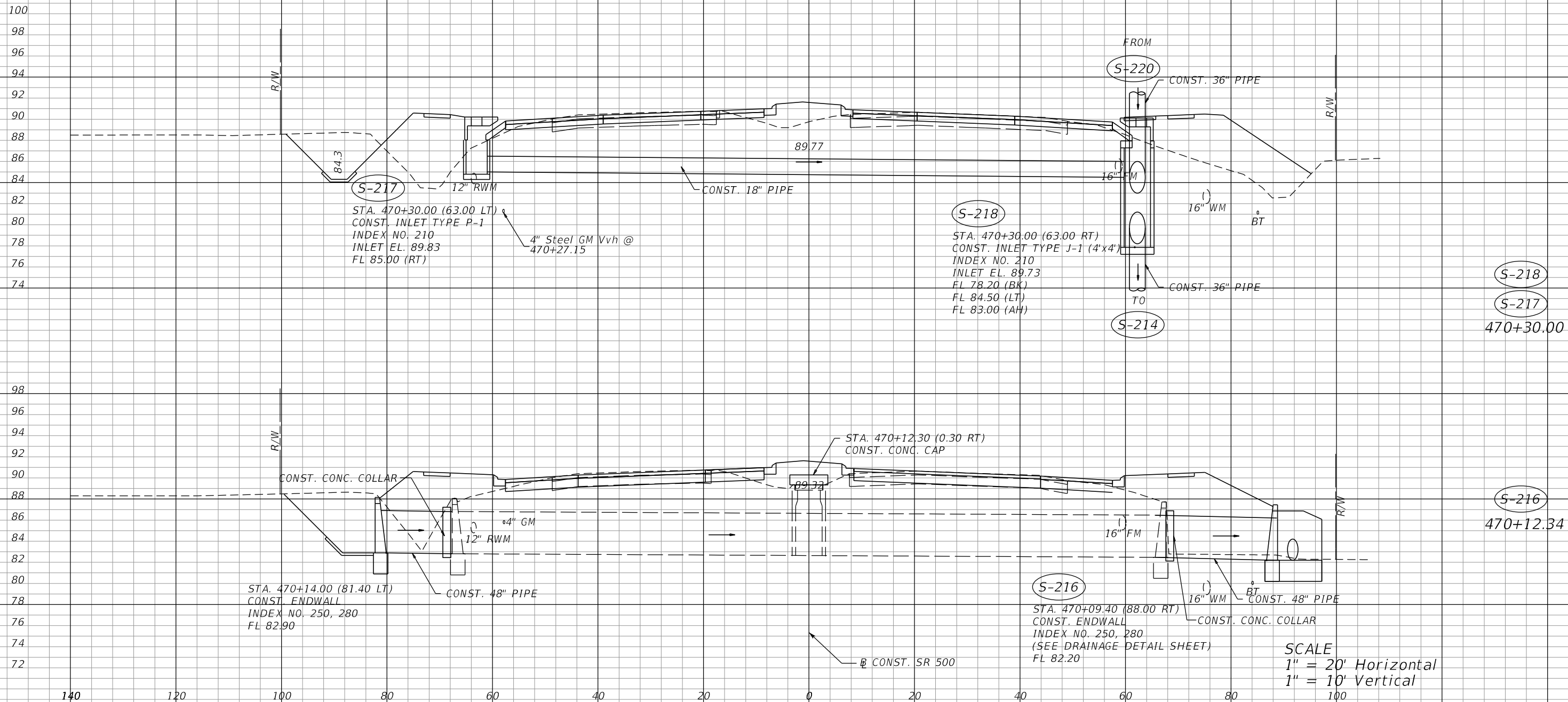
SCALE
1" = 20' Horizontal
1" = 10' Vertical

CONST. 36" PIPE
STA. 467+58.30 (150.75 RT)
CONST. MES
INDEX NO. 272
FL 77.40

120 100 80 60 40 20 0 20 40 60 80 100

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 149
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

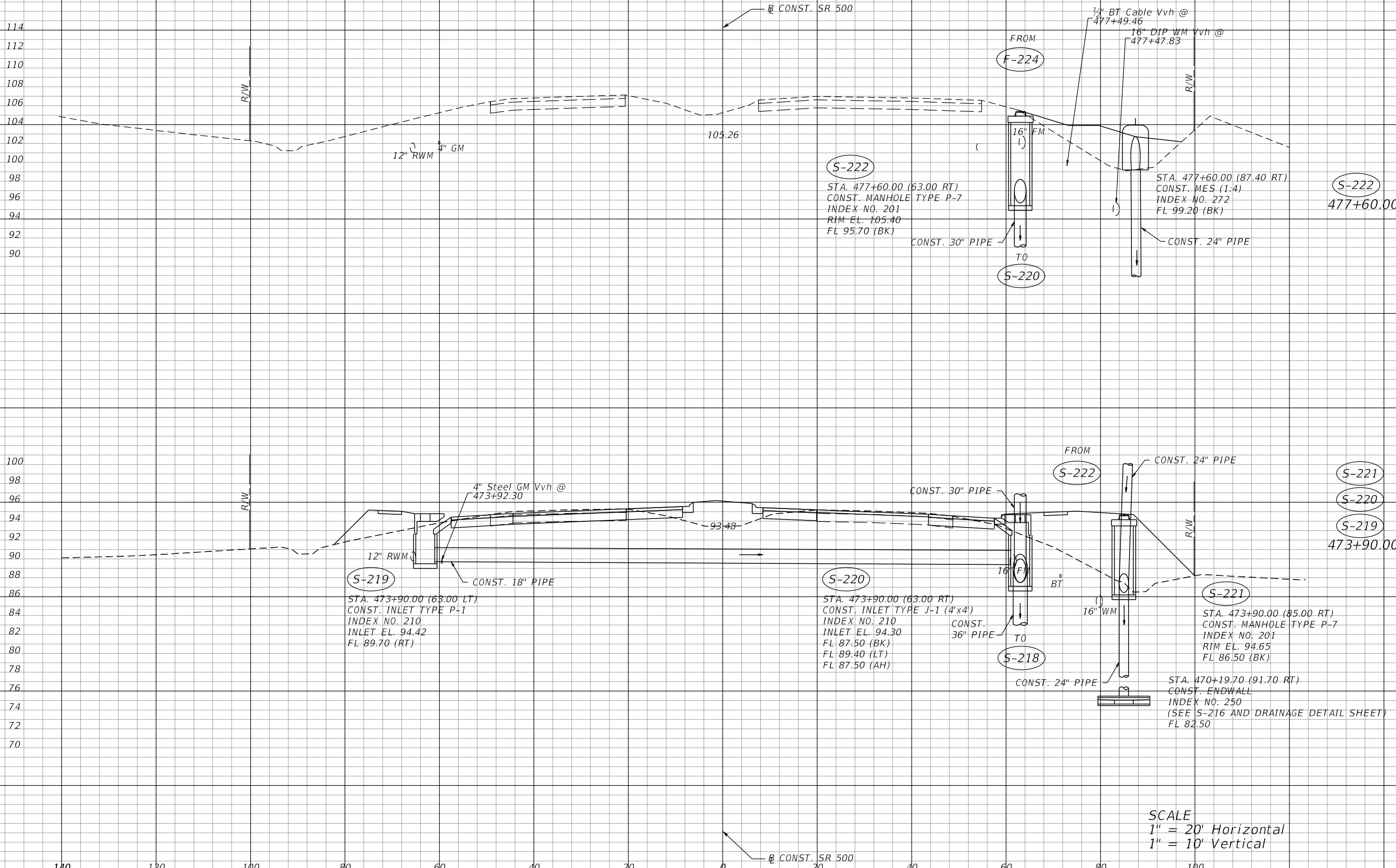
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
150

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS		DESCRIPTION		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 46	LAKE	238275-2-52-01	151
MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791				DRAINAGE STRUCTURES			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

160
158
156
154
152
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148
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144
142
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128
126
124
122
120
118
116

140 120 100 80 60 40 20 0 20 40 60 80 100

CONST. RAMP XX

10" FM

16" WM

130.54

T0
S-343

CONST. 18" PIPE

S-342

STA. 220+25.00 (30.00 RT)
CONST. MANHOLE TYPE P-8 (ALT A)
INDEX NO. 200, 201
TOP EL. 133.00
FL 125.80 (AH)
FL 125.80 (BK)

S-342

220+25.00

FROM
S-341

CONST. 18" PIPE

S-341

SEE DRAINAGE
DETAIL SHEET

SCALE
1" = 20' Horizontal
1" = 10' Vertical

CONST. RAMP XX

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

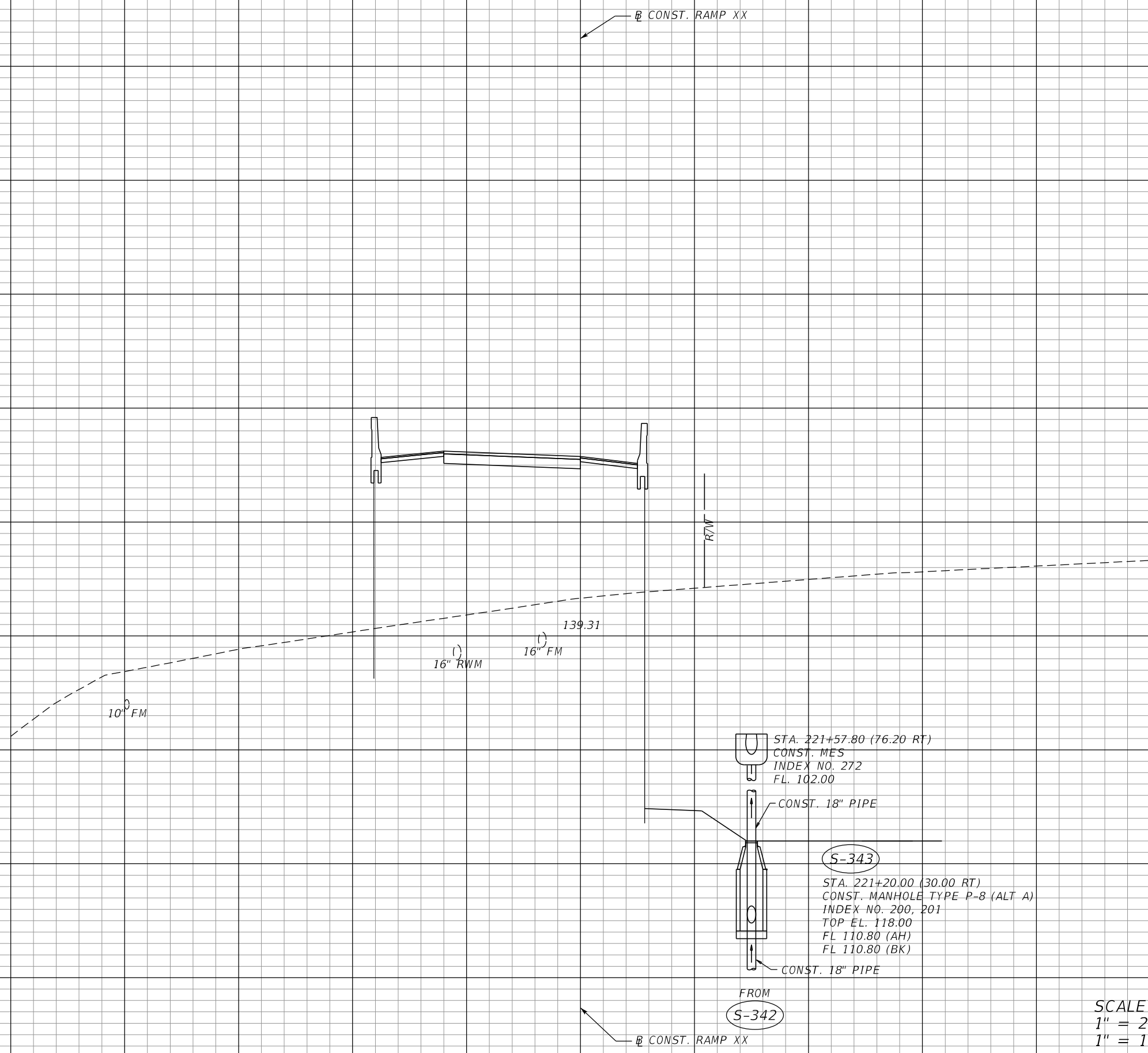
DRAINAGE STRUCTURES

SHEET
NO.
152

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

156
154
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134
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114
112
110
108
106
104
102
100

140 120 100 80 60 40 20 0 20 40 60 80 100



S-345
SEE SHEET 117

S-344
SEE DRAINAGE
DETAIL SHEET

STA. 221+57.80 (76.20 RT)
CONST. MES
INDEX NO. 272
FL. 102.00

CONST. 18" PIPE

S-343

STA. 221+20.00 (30.00 RT)
CONST. MANHOLE TYPE P-8 (ALT A)
INDEX NO. 200, 201
TOP EL. 118.00
FL 110.80 (AH)
FL 110.80 (BK)

CONST. 18" PIPE

FROM
S-342

CONST. RAMP XX

S-343
221+20.00

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

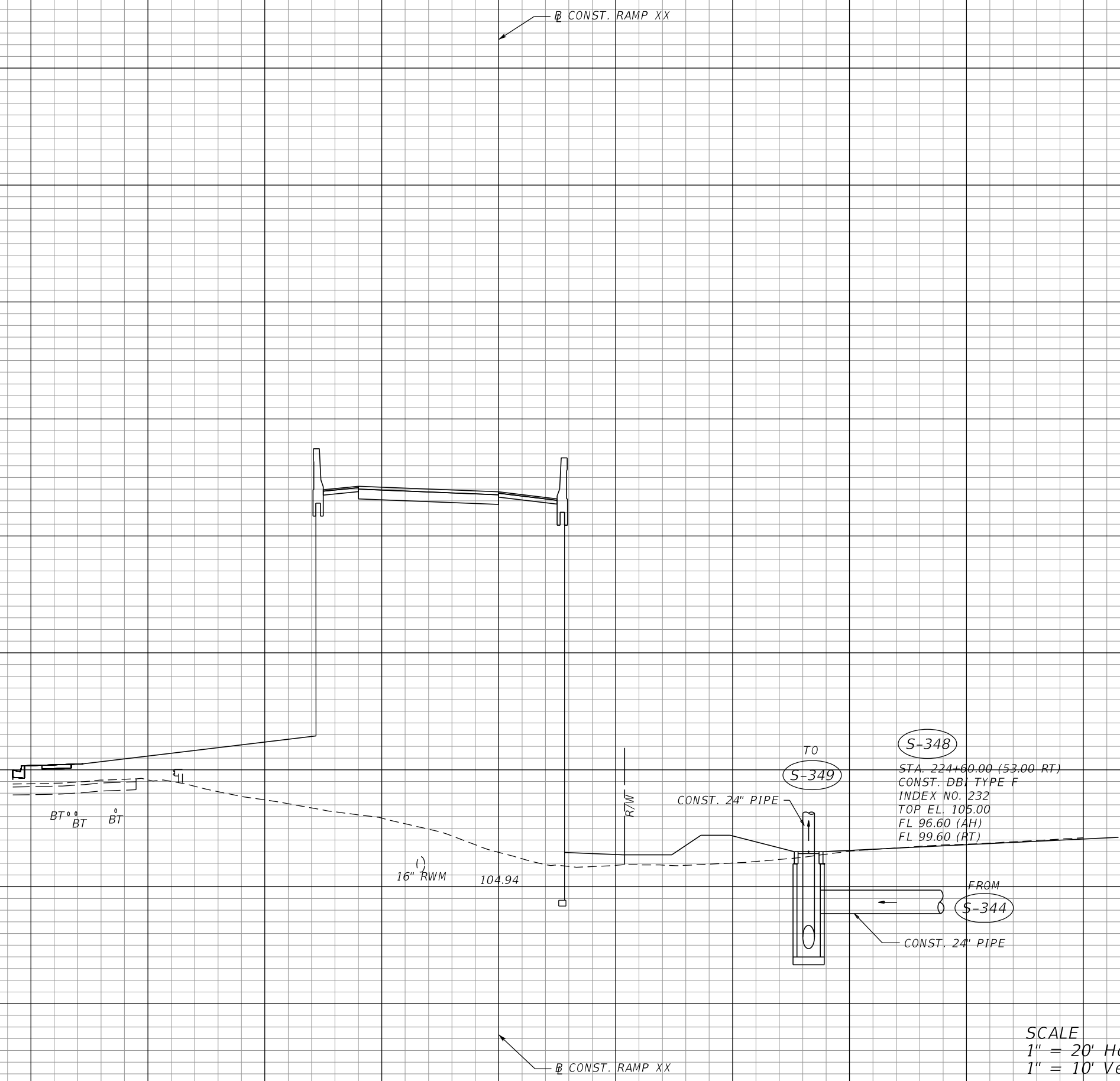
DRAINAGE STRUCTURES

SHEET NO.
153

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

140
138
136
134
132
130
128
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124
122
120
118
116
114
112
110
108
106
104
102
100
98
96
94
92
90
88
86

140 120 100 80 60 40 20 0 20 40 60 80 100



TO
S-349
CONST. 24" PIPE
S-348
STA. 224+60.00 (53.00 RT)
CONST. DBI TYPE F
INDEX NO. 232
TOP EL. 105.00
FL 96.60 (AH)
FL 99.60 (RT)

FROM
S-344
CONST. 24" PIPE

S-348
224+60.00

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
154

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

130
128
126
124
122
120
118
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70
68

140

120

100

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20

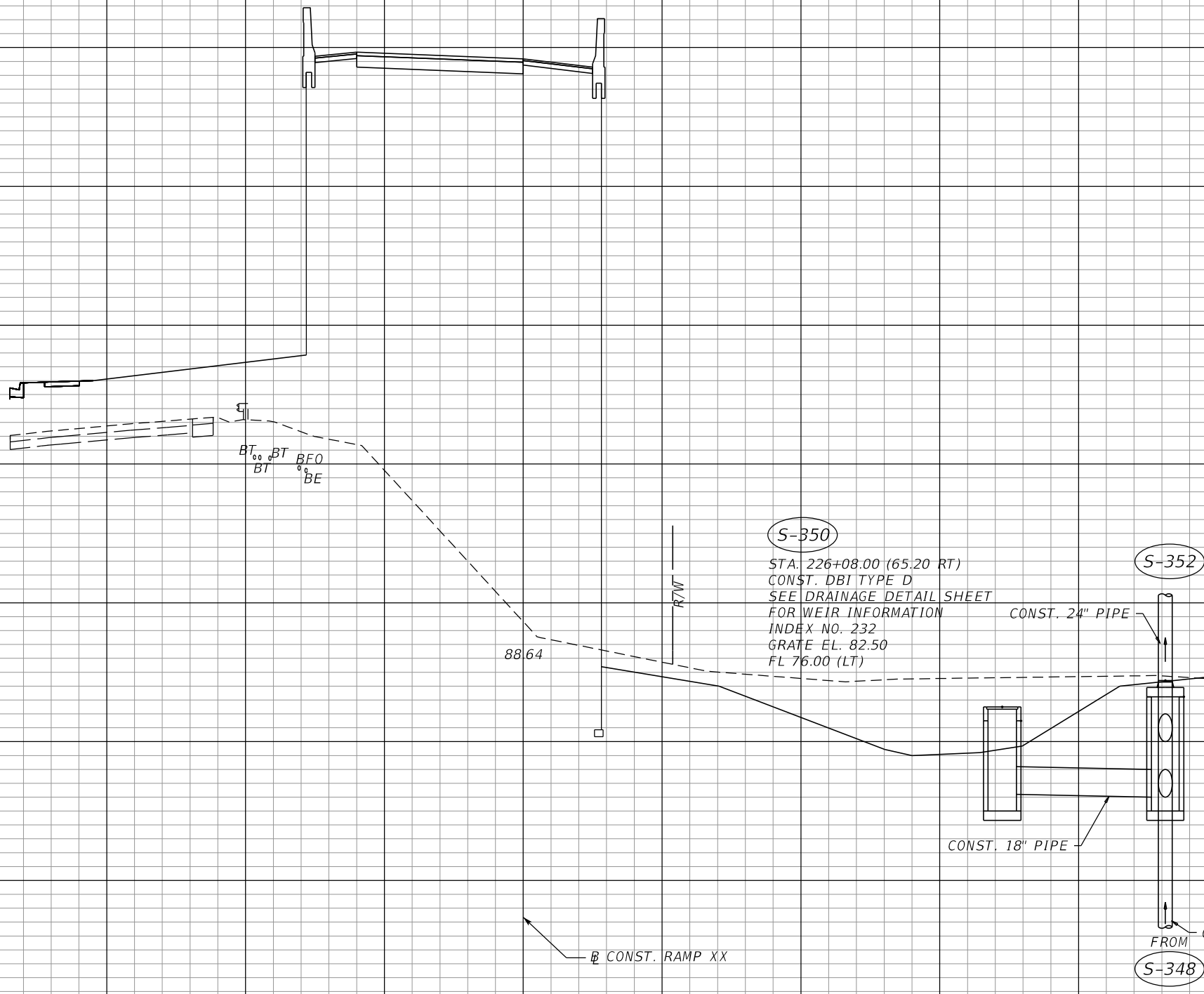
40

60

80

100

CONST. RAMP XX



S-351
SEE SHEET 118

S-350
STA: 226+08.00 (65.20 RT)
CONST. DBI TYPE D
SEE DRAINAGE DETAIL SHEET
FOR WEIR INFORMATION
INDEX NO. 232
GRATE EL. 82.50
FL 76.00 (LT)

S-352

S-349

STA: 226+00.00 (92.50 RT)
CONST. MANHOLE TYPE P-7
INDEX NO. 200, 201
TOP EL. 84.40
FL 80.00 (BK)
FL 76.00 (AH)
FL 76.00 (LT)

S-350
226+08.00

S-349
226+00.00

S-348

CONST. 24" PIPE

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

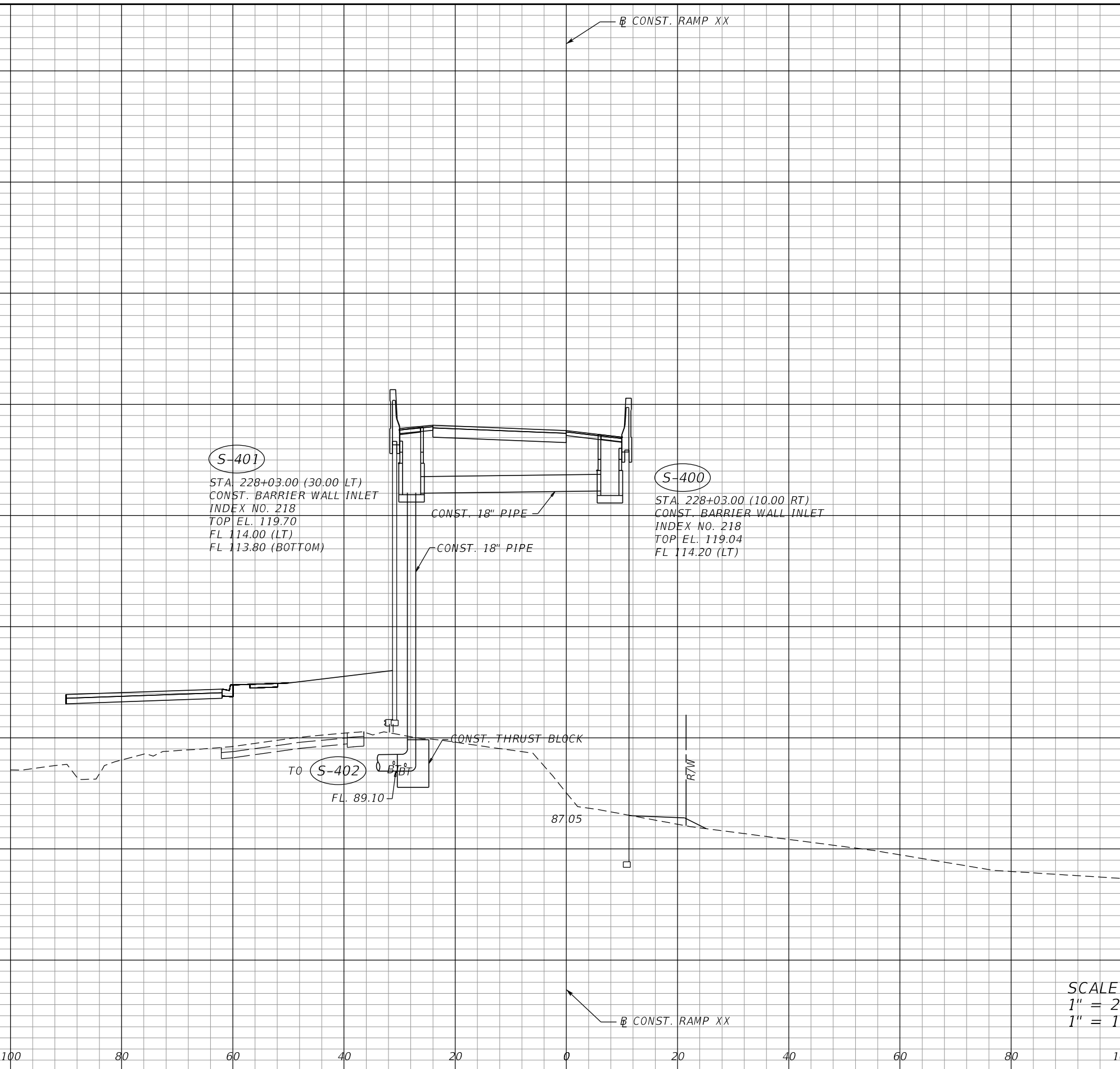
DRAINAGE STRUCTURES

SHEET NO.
155

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

124
122
120
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72
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66

140 120 100 80 60 40 20 0 20 40 60 80 100



S-402
SEE SHEET 119

S-401
S-400
228+03.00

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS		DESCRIPTION		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 46	LAKE	238275-2-52-01	156

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

154
152
150
148
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144
142

152
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148
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132

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138
136
134

(S-316)
SEE SHEET 111

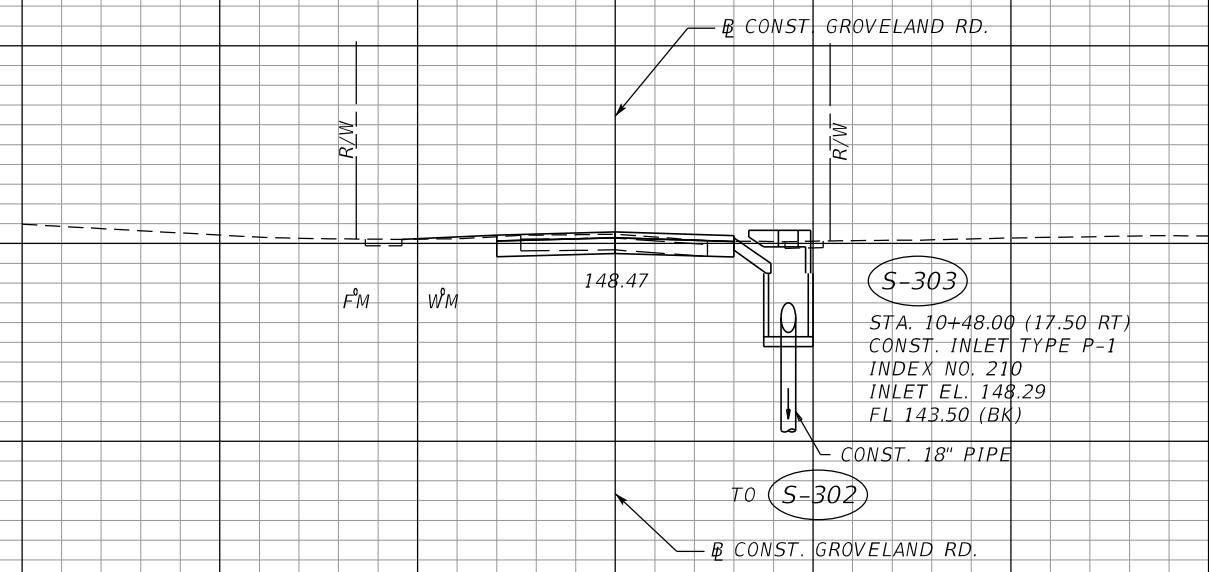
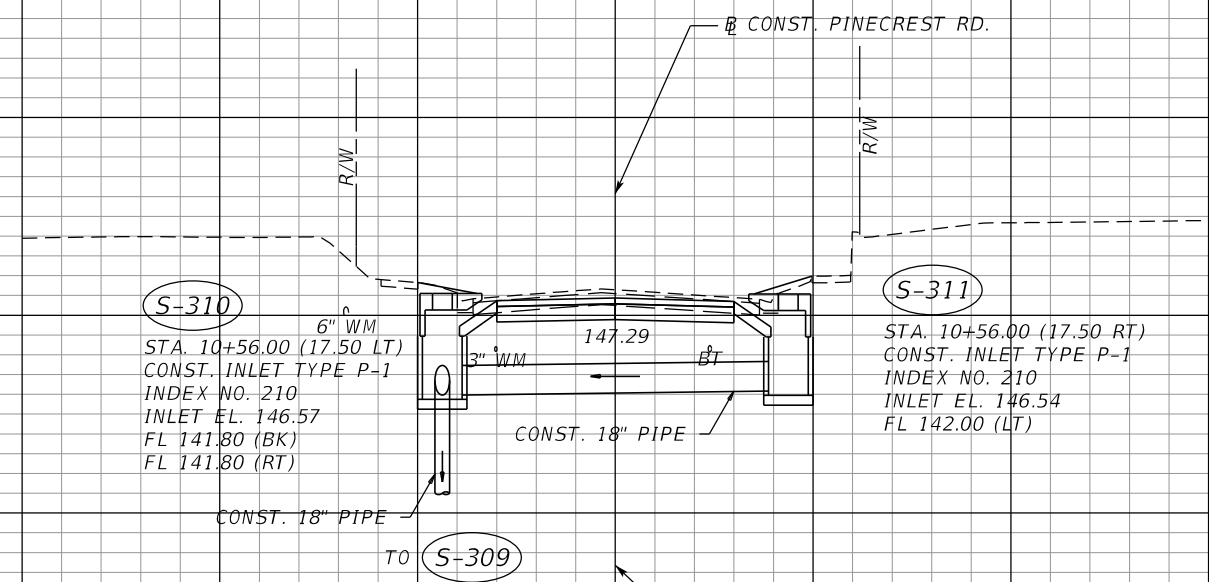
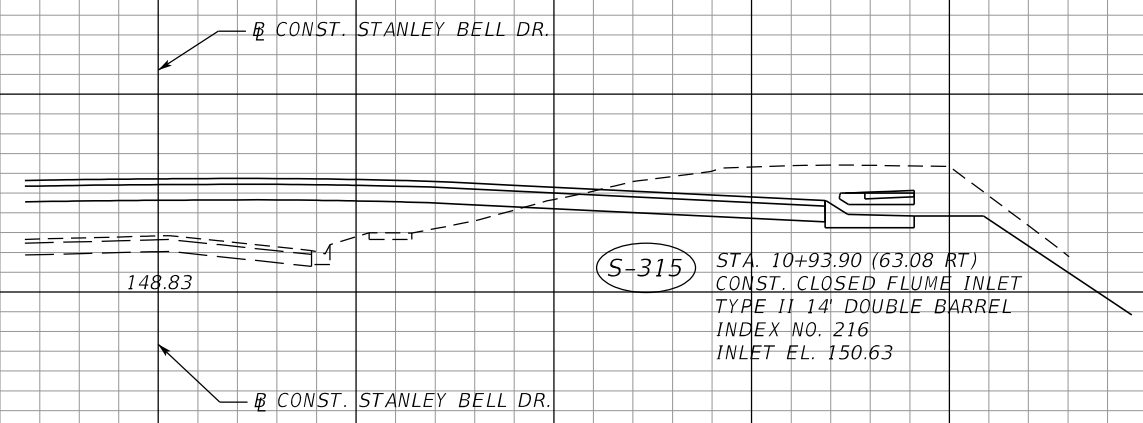
(S-315)
10+93.90

(S-312)
SEE SHEET 110

(S-311)
(S-310)
10+56.00

(S-304)
SEE SHEET 108

(S-303)
10+48.00



SCALE
1" = 20' Horizontal
1" = 10' Vertical

140 120 100 80 60 40 20 0 20 40 60 80 100

REVISIONS		DESCRIPTION		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					
				SR 46	LAKE	238275-2-52-01	157	

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

88
86
84
82
80
78
76
74
72

S-361
STA. 8+55.00 (23.00 LT)
CONST. MANHOLE TYPE J-8 (5' DIA)
INDEX NO. 200, 201
TOP EL. 87.20
FL 76.20 (BK)
FL 76.20 (AH)

STA. 8+66.40 (103.90 LT)
CONST. MES
INDEX NO. 272
FL 76.00

POND WB-A

FROM
S-353
CONST. 36" PIPE

CONST. POND RD.

Wetland Limits

S-361
8+55.00
POND RD.

S-359
STA. 8+10.00 (17.50 LT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 84.22
FL 75.00 (AH)
FL 75.00 (RT)

S-360
STA. 8+10.00 (17.50 RT)
CONST. INLET TYPE P-1
INDEX NO. 210
INLET EL. 84.22
FL 74.50 (LT)
FL 74.50 (RT)

STA. 8+40.90 (126.80 RT)
CONST. MES
INDEX NO. 272
FL 71.60

S-360
S-359
8+10.00
POND RD.

CONST. 24" PIPE
FROM
S-352

CONST. 24" PIPE

POND WB1-1

TO
S-359

CONST. 24" PIPE

S-353
SEE SHEET 120

S-352
6+26.00
POND RD.

S-352
STA. 6+26.00 (86.00 LT)
CONST. MANHOLE TYPE P-8 (4' DIA.)
INDEX NO. 200, 201
TOP EL. 84.60
FL 75.60 (AH)
FL 75.60 (LT)

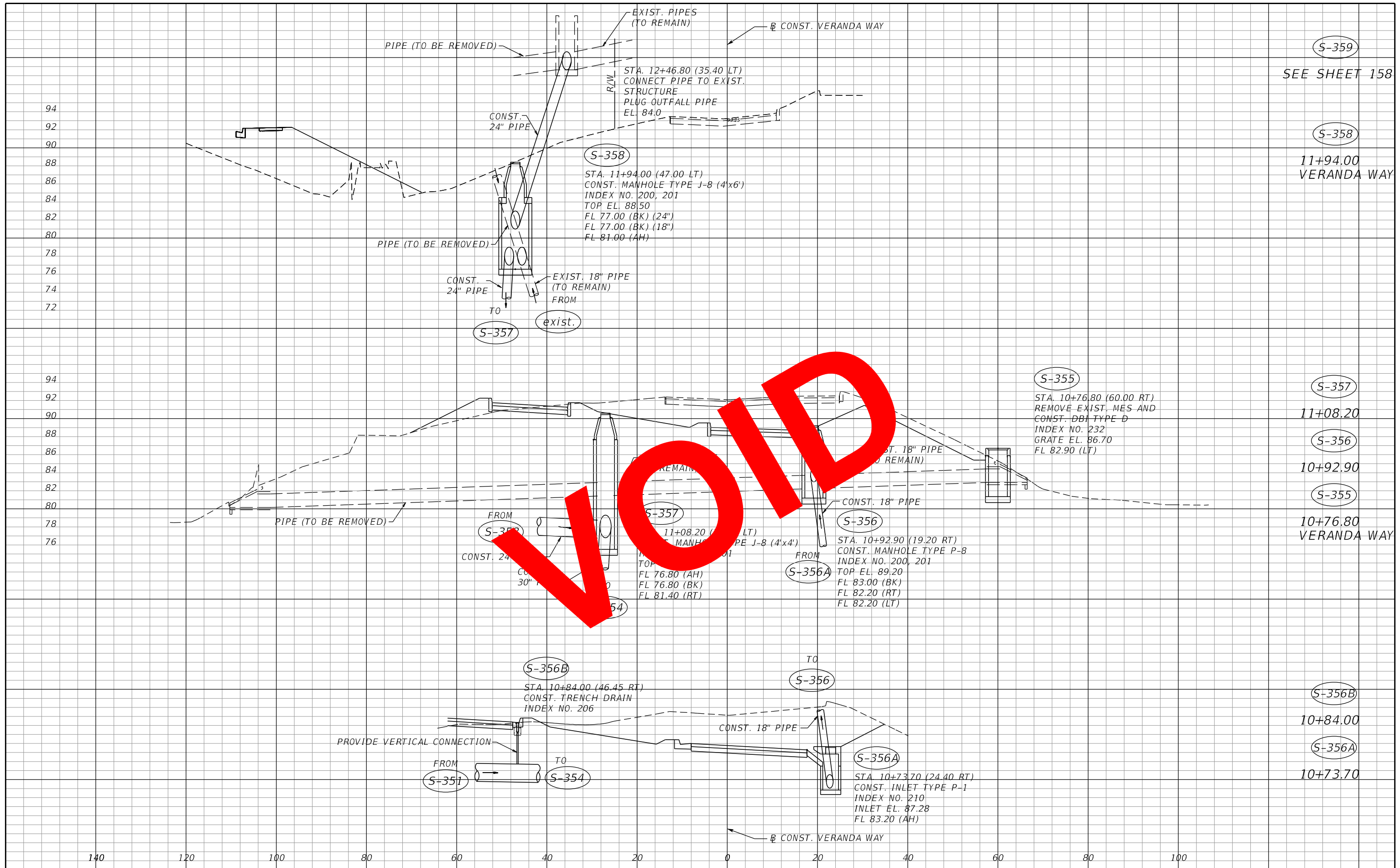
FROM
S-349
CONST. 24" PIPE

SCALE
1" = 20' Horizontal
1" = 10' Vertical

120 100 80 60 40 20 0 20 40 60 80 100 120

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 158
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



S-359
SEE SHEET 158

S-358
11+94.00
VERANDA WAY

S-355
11+08.20

S-356
10+92.90

S-355
10+76.80
VERANDA WAY

S-356B
10+84.00

S-356A
10+73.70

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

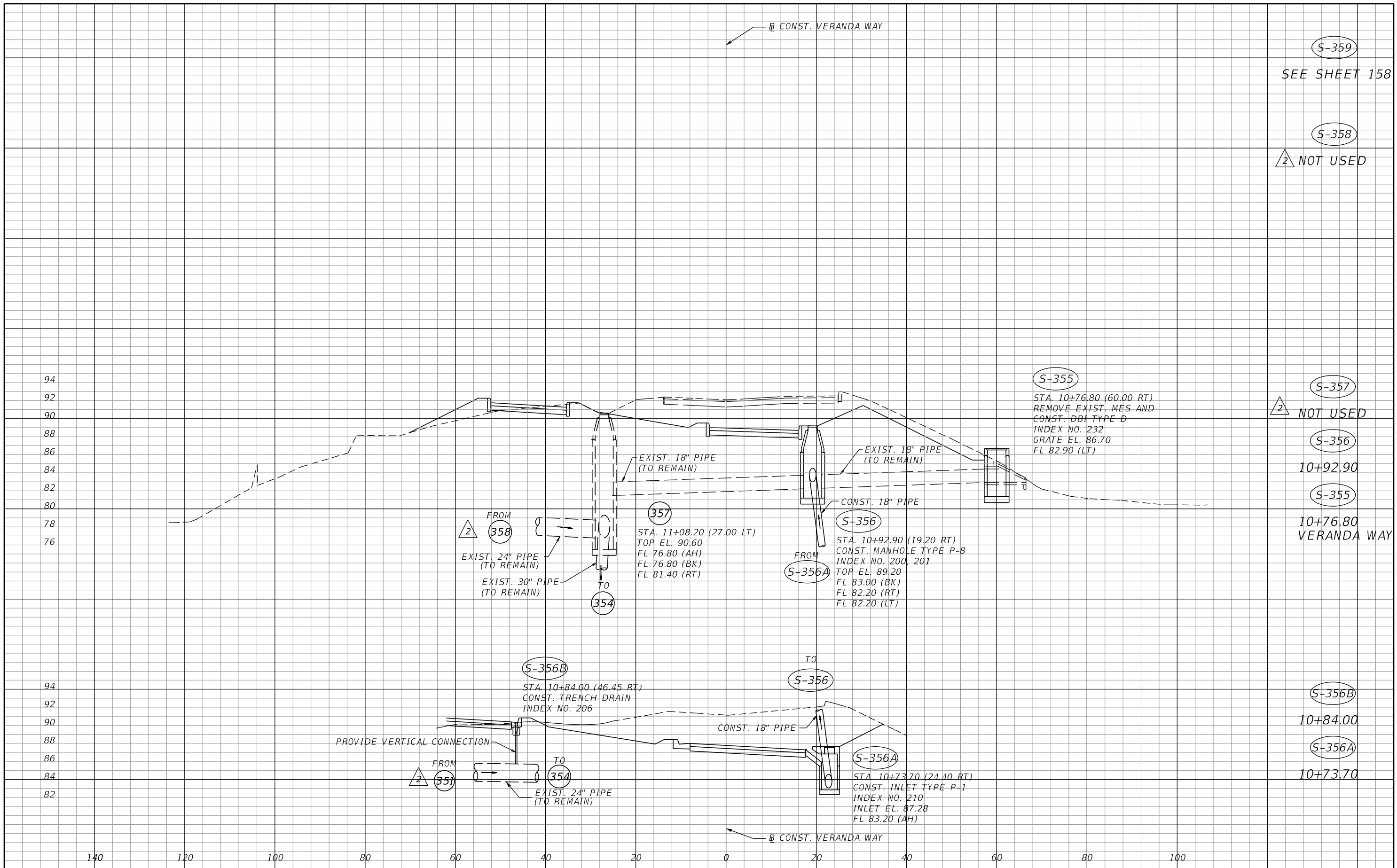
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
159

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



(S-359)
SEE SHEET 158

(S-358)
△ 2 NOT USED

(S-357)
△ 2 NOT USED

(S-356)
10+92.90

(S-355)
10+76.80
VERANDA WAY

(S-356B)
10+84.00

(S-356A)
10+73.70

REVISIONS	
DATE	DESCRIPTION
05/26/17	JLC △ 2 EXISTING DRAINAGE CHANGES

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

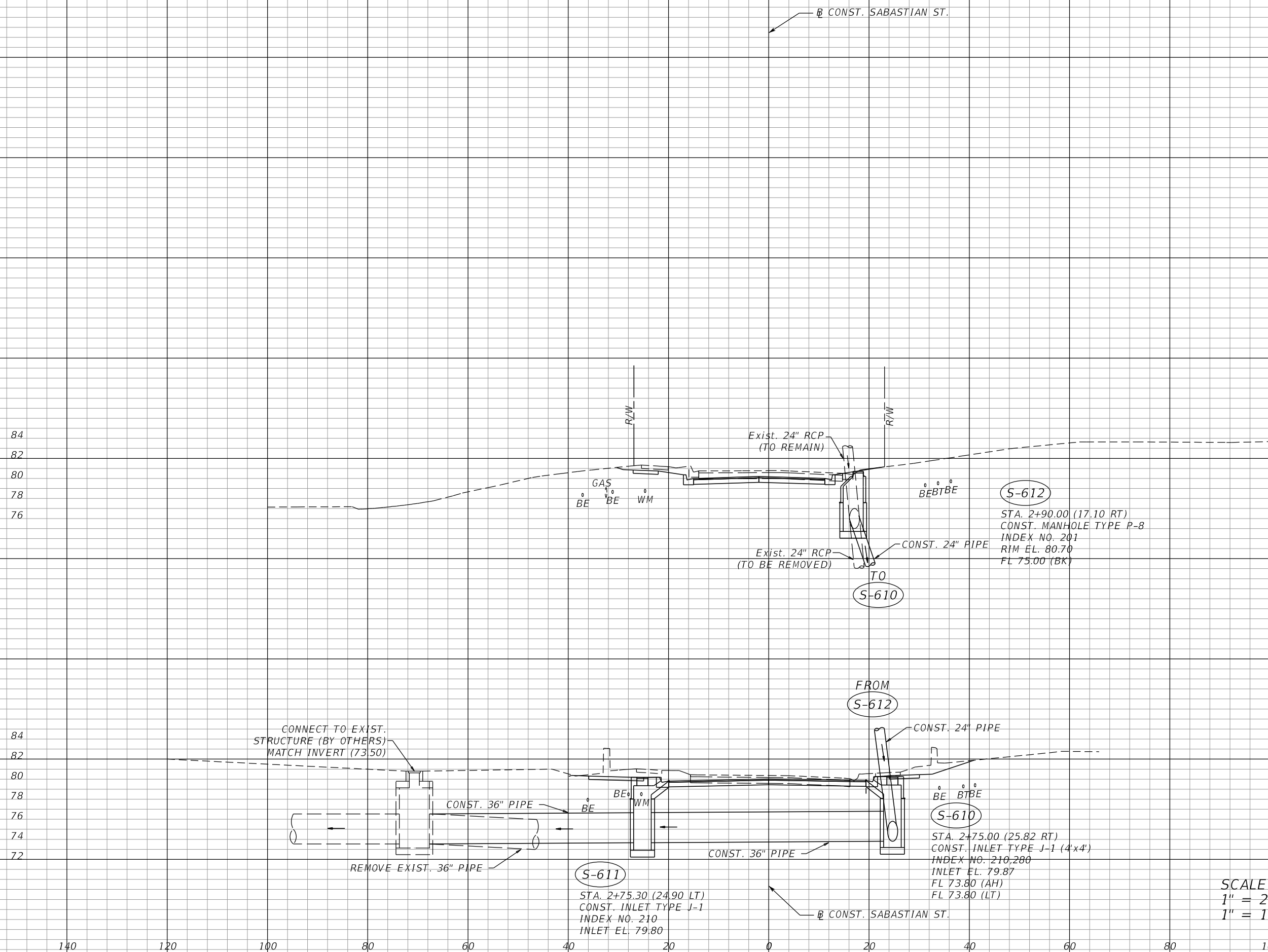
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

DRAINAGE STRUCTURES

SHEET NO.
159

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



S-614
SEE SHEET 127
S-613
NOT USED

S-612
2+90.00

S-611
2+75.30

S-610
2+75.00

SCALE
1" = 20' Horizontal
1" = 10' Vertical

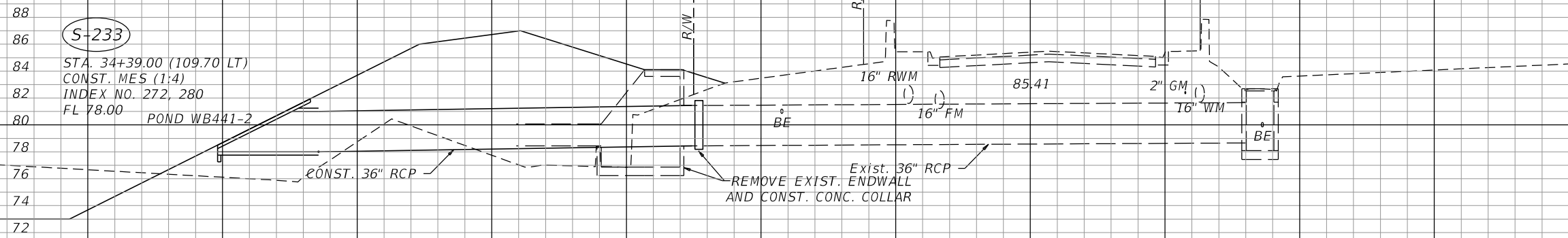
REVISIONS		DESCRIPTION		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		
				ROAD NO. SR 46	160
				COUNTY LAKE	
				FINANCIAL PROJECT ID 238275-2-52-01	

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

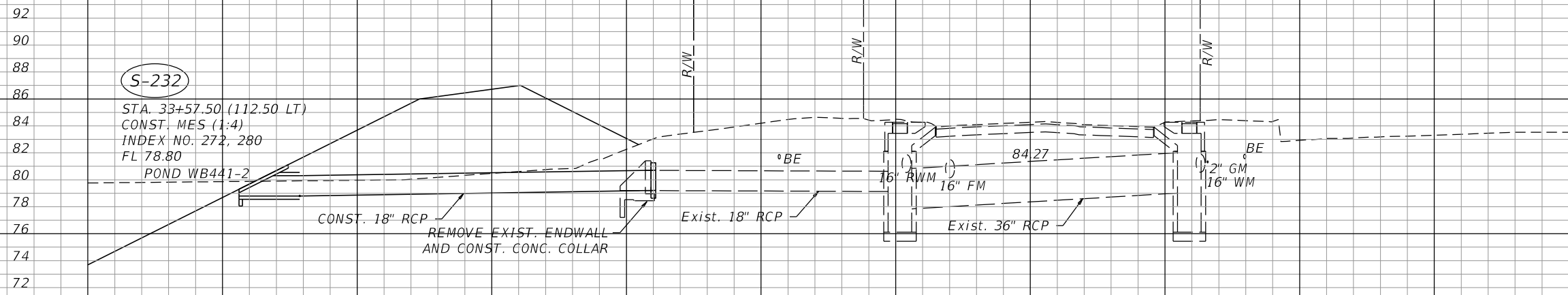
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

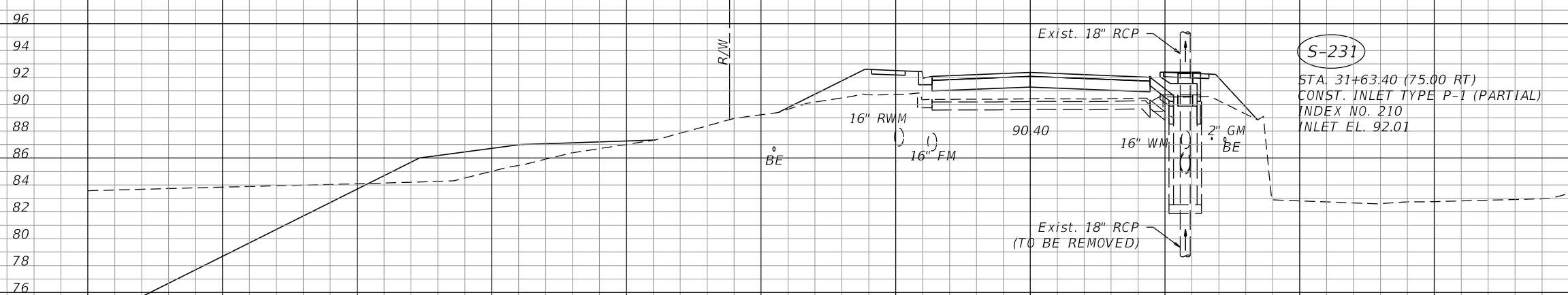
S-234 S-235
SEE DRAINAGE
DETAIL SHEET



S-233
34+39.00



S-232
33+57.50



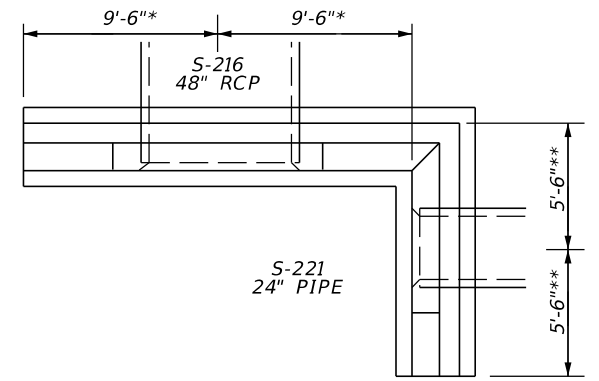
S-231
31+63.40

SCALE
1" = 20' Horizontal
1" = 10' Vertical

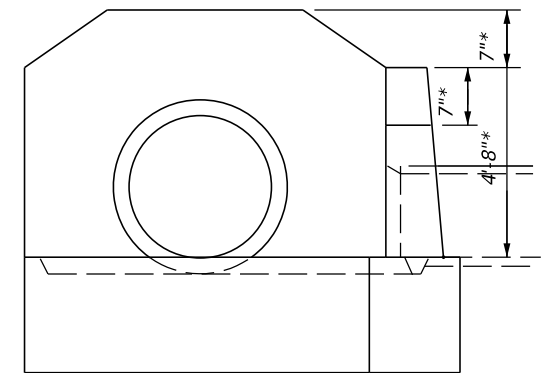
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01	DRAINAGE STRUCTURES
								161

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

STR. NO.	POND	INLET		STA. REF.	DBI	GRATE ELEV. "A"	WEIR ELEV. "B"	WEIR WIDTH/HEIGHT (IN/IN)	V-NOTCH ELEV. "C"	V-NOTCH ANGLE "D"	DHW		TOP OF SKIMMER "E"	BOTTOM OF SKIMMER "F"	OUTLET PIPE			MITERED END SECTION	
		STATION	OFFSET								25YR/96HR	100YR/240HR			INLET FL. EL. "G"	OUTLET FL. EL. "H"	PIPE SIZE (IN)	STATION	OFFSET
S-318	WB441-1-1	33+67.60	110.00 (LT)	SR 46	D	136.50	N/A	N/A	N/A	N/A	136.90	136.72	137.00	136.00	133.40	133.20	18	S-116A	N/A
S-111	WB441-1-2	442+25.00	120.00 (LT)	SR 500	D	131.50	N/A	N/A	N/A	N/A	131.56	132.05	132.20	131.00	128.00	127.50	18	S-112	N/A
S-341	WB441-1-3	220+00.00	52.50 (RT)	RAMP XX	D	131.60	N/A	N/A	N/A	N/A	131.24	131.82	132.00	131.10	126.00	125.80	18	S-342	N/A
S-344	WB441-1-4	223+73.00	175.00 (RT)	RAMP XX	D	106.70	106.30	12/4.8	N/A	N/A	107.18	107.26	107.50	105.80	100.00	99.60	24	S-348	N/A
S-410	WB1-1	51+09.20	423.20 (RT)	SR 46	D	76.20	74.35	24/22.8	73.60	100	75.52	75.25	76.20	73.20	72.20	72.00	18	51+31.90	431.20 (RT)
S-507	WB1-2	57+31.80	152.30 (RT)	SR 46	D	77.10	75.30	18/21.6	74.40	23	76.75	76.21	77.10	73.80	74.00	73.60	18	56+82.20	174.30 (RT)
S-622	WB2A	84+65.00	419.80 (LT)	SR 46	D	75.60	N/A	N/A	75.00	114	76.04	75.84	76.20	74.50	72.70	72.50	24	85+14.20	385.60 (LT)
S-704	WB2B	92+71.00	250.70 (LT)	SR 46	D	99.70	98.50	7/14.4	N/A	N/A	99.27	99.98	100.00	98.30	90.70	90.20	18	91+73.60	250.70 (LT)
S-234	WB441-2	467+54.00	505.50 (RT)	SR 500	D	84.90	81.60	30/24	N/A	N/A	83.26	84.93	84.90	81.10	80.00	79.00	18	S-234A	N/A
S-235	WB441-2	465+16.00	155.00 (RT)	SR 500	D	84.90	81.90	4/36	N/A	N/A	83.26	84.93	84.90	81.40	81.30	81.10	18	465+15.00	143.00 (LT)
S-350	WB-A	226+08.00	65.20 (RT)	RAMP XX	D	82.50	81.00	36/6	N/A	N/A	82.97	82.75	83.20	80.7	76.00	75.50	18	S-349	N/A
S-355	VERANDA	10+76.8	60.00 (RT)	VERANDA	D	86.70	N/A	N/A	N/A	N/A	86.81	86.90	87.00	86.00	79.50	77.00	18	S-356	N/A



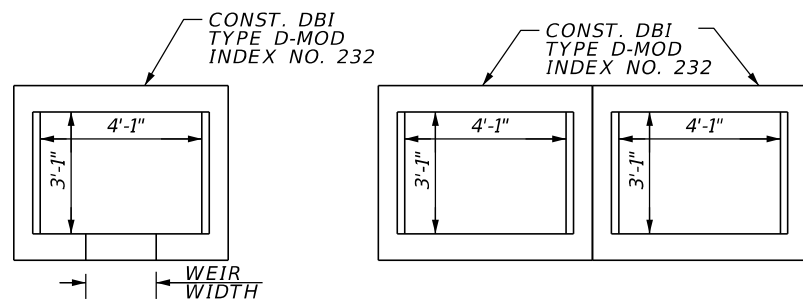
PLAN VIEW
N.T.S.



FRONT VIEW
N.T.S.

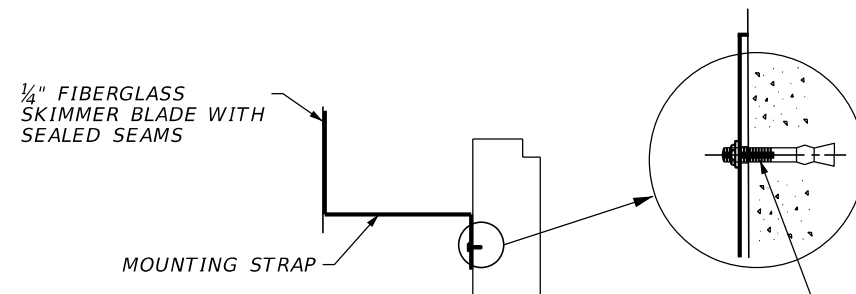
S-216 DETAIL

NOTES:
 * DIMENSIONS ARE THE SAME AS THOSE FOR 48" STRAIGHT CONCRETE ENDWALL PER FDOT INDEX No. 250
 ** DIMENSIONS ARE THE SAME AS THOSE FOR 24" STRAIGHT CONCRETE ENDWALL PER FDOT INDEX No. 250.
 ENDWALL ASSOCIATED WITH 24" PIPE FROM S-221, HAVE BEEN MODIFIED TO BLEND INTO 48" ENDWALL.
 ALL GENERAL NOTES ON INDEX 250 APPLY.
 COSTS FOR ENDWALL ARE LOCATED IN S-216 & S-231



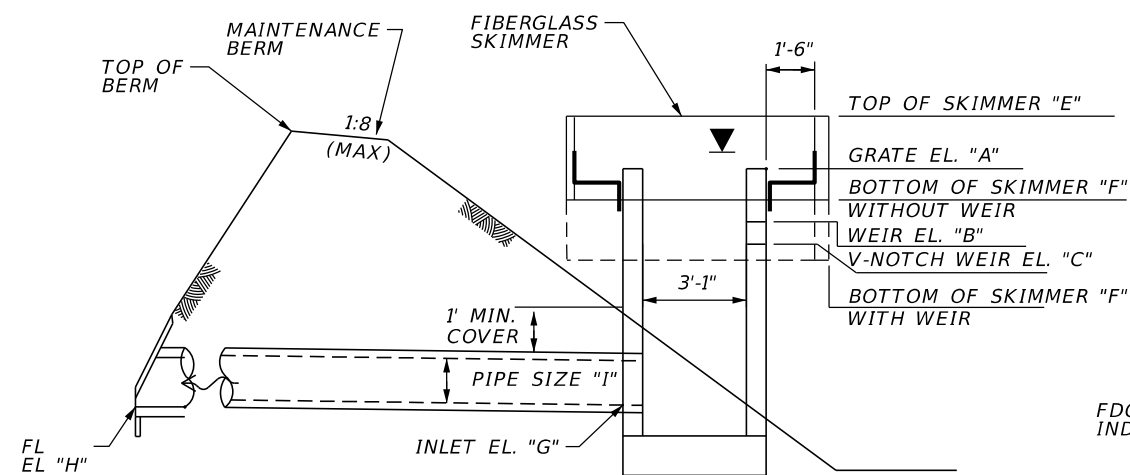
TOP VIEW
N.T.S.

TOP VIEW for S-622
N.T.S.

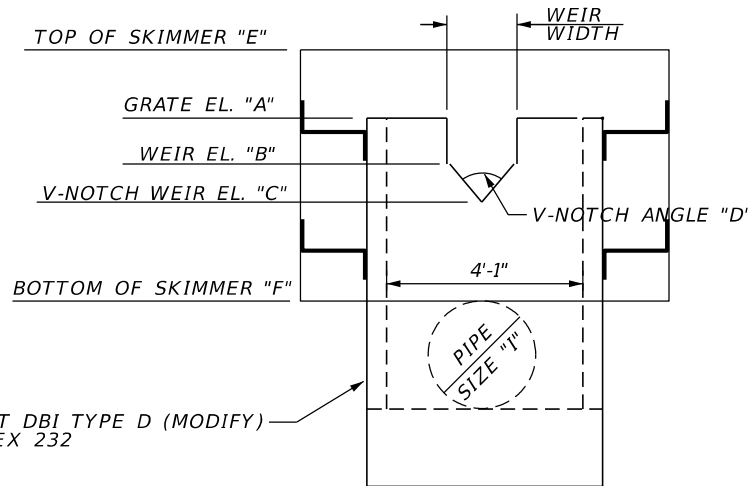


SKIMMER DETAIL SECTION
N.T.S.

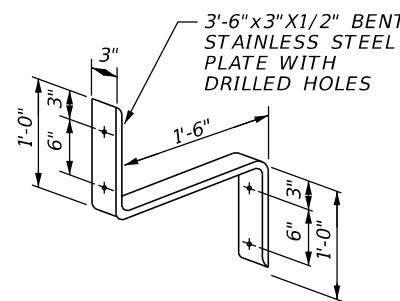
3/8" DIA. STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER, EMBEDMENT DEPTH = 2 1/2" ANCHORS TO BE KWIK BOLT BY HILTI CORP., POWER-STUD BY POWERS FASTENING INC., OR TRUEBOLT BY ITW RAMSET/RED HEAD OR EQUAL ANCHORS TO BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.



SIDE VIEW
N.T.S.



FRONT VIEW
N.T.S.



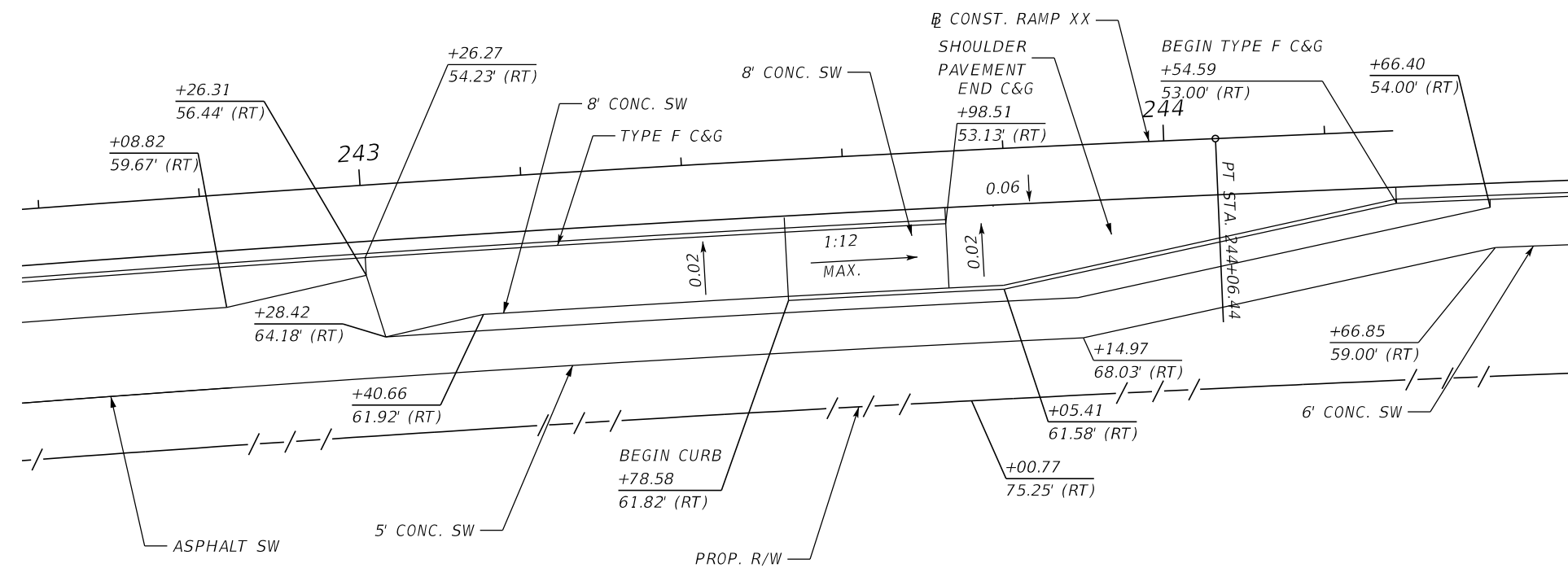
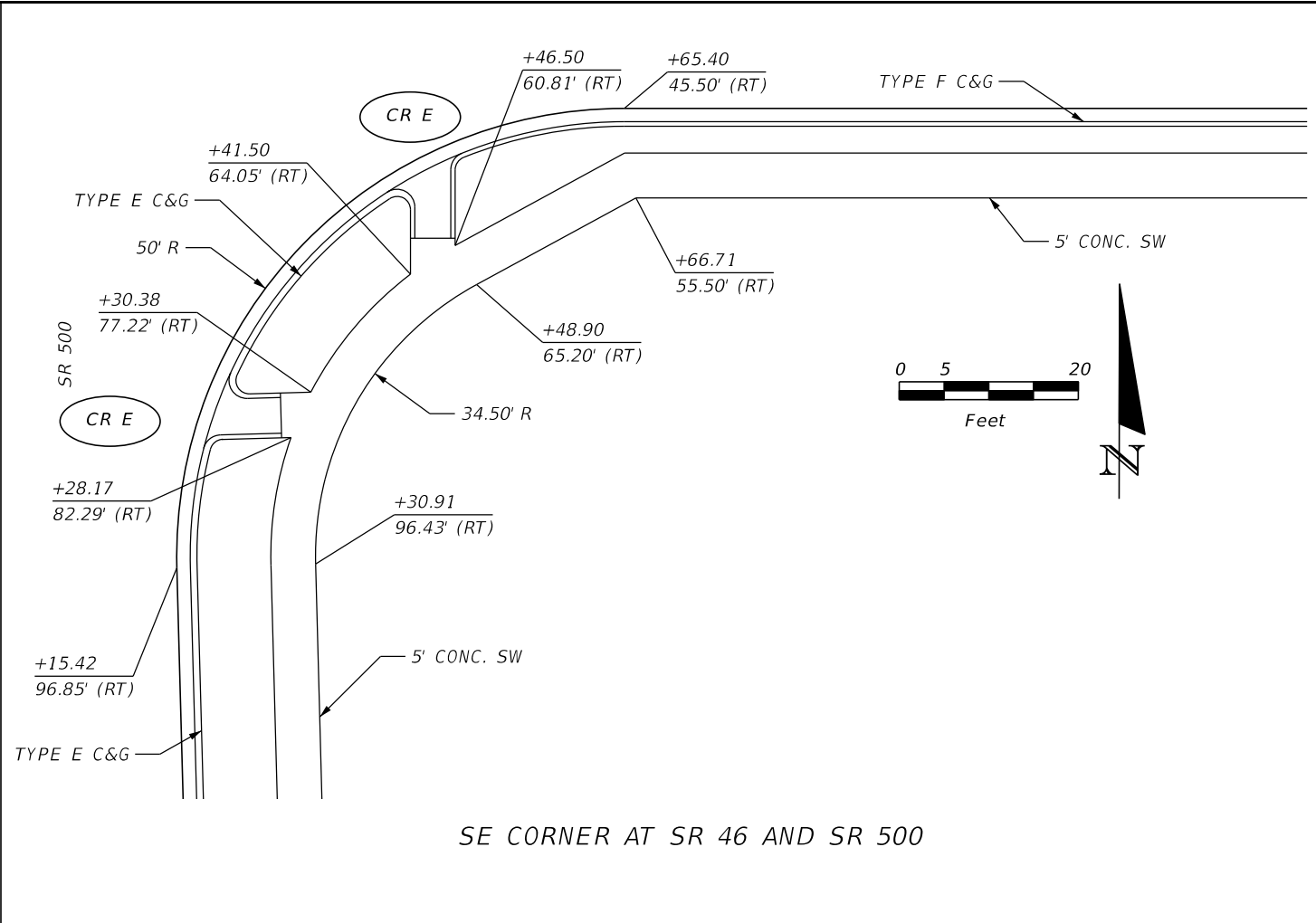
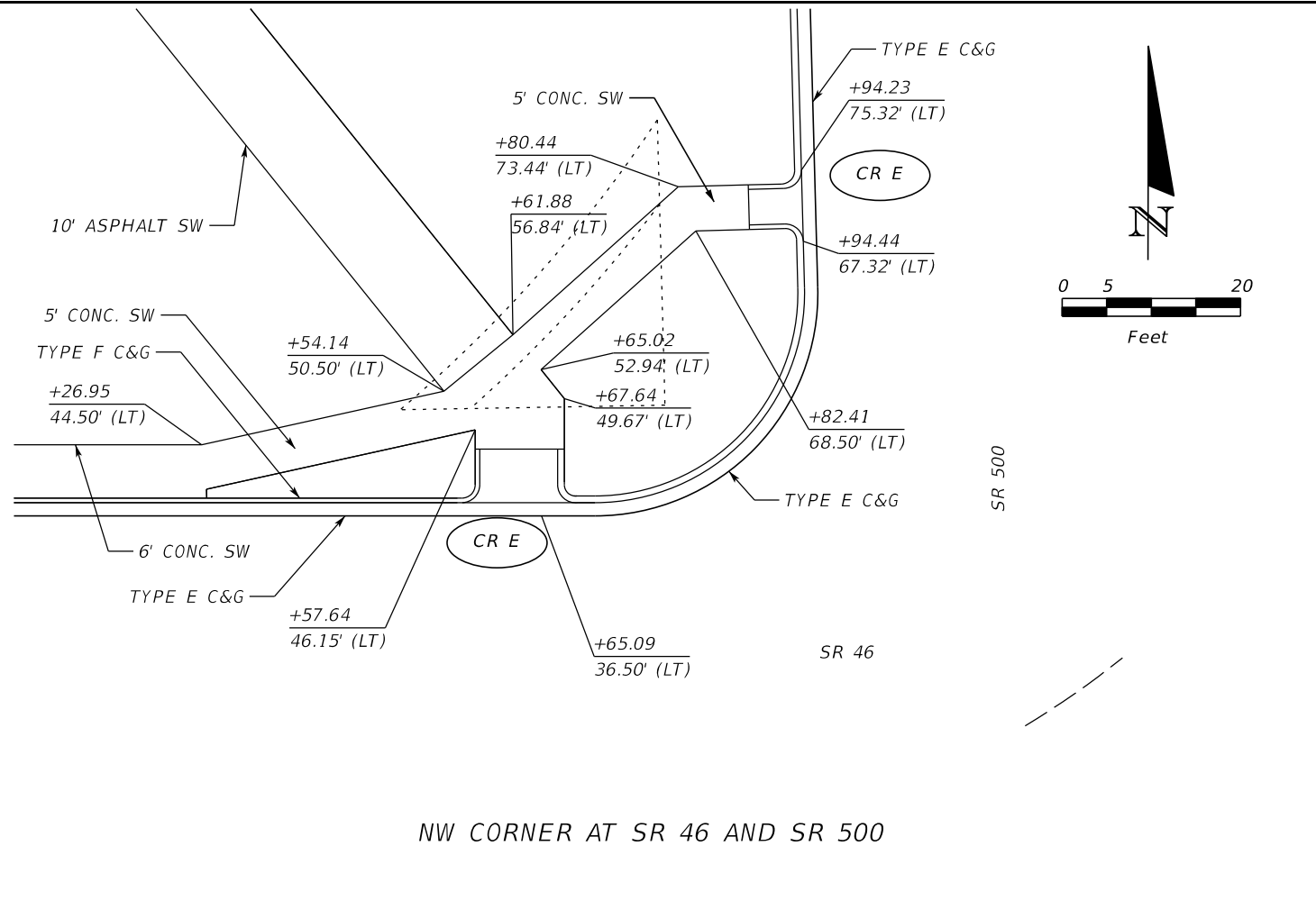
MOUNTING STRAP
N.T.S.

NOTES:
 1. COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED CONTROL STRUCTURE.
 2. SKIMMER FOR STRUCTURES S-234, S-235 AND S-507 SHALL BE CONSTRUCTED PER INDEX 240. USE SKIMMER HEIGHT = 40"
 3. SKIMMER FOR STRUCTURE S-410 SHALL BE CONSTRUCTED PER INDEX 240. USE SKIMMER HEIGHT = 36"

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 162
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	

DRAINAGE DETAILS

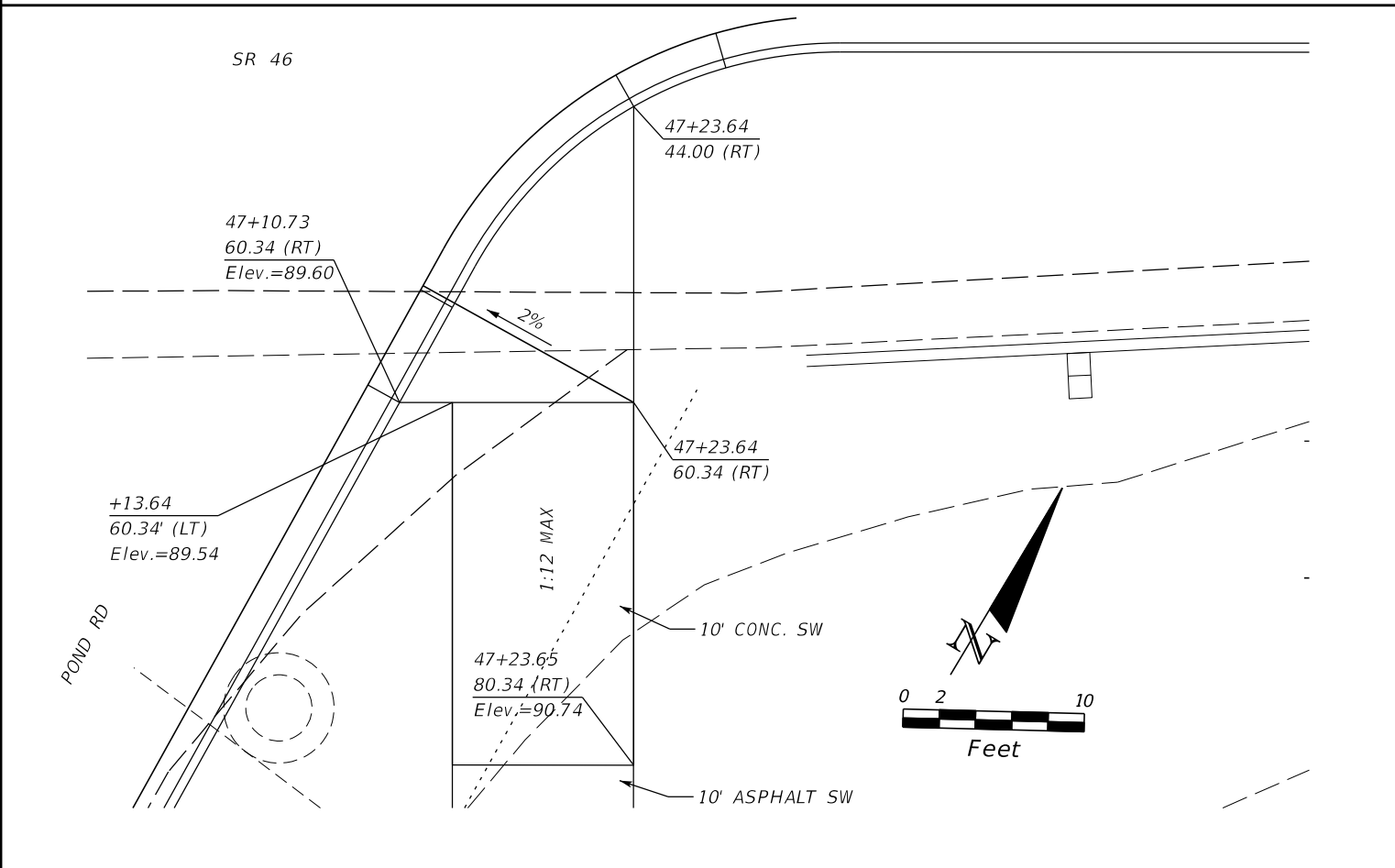
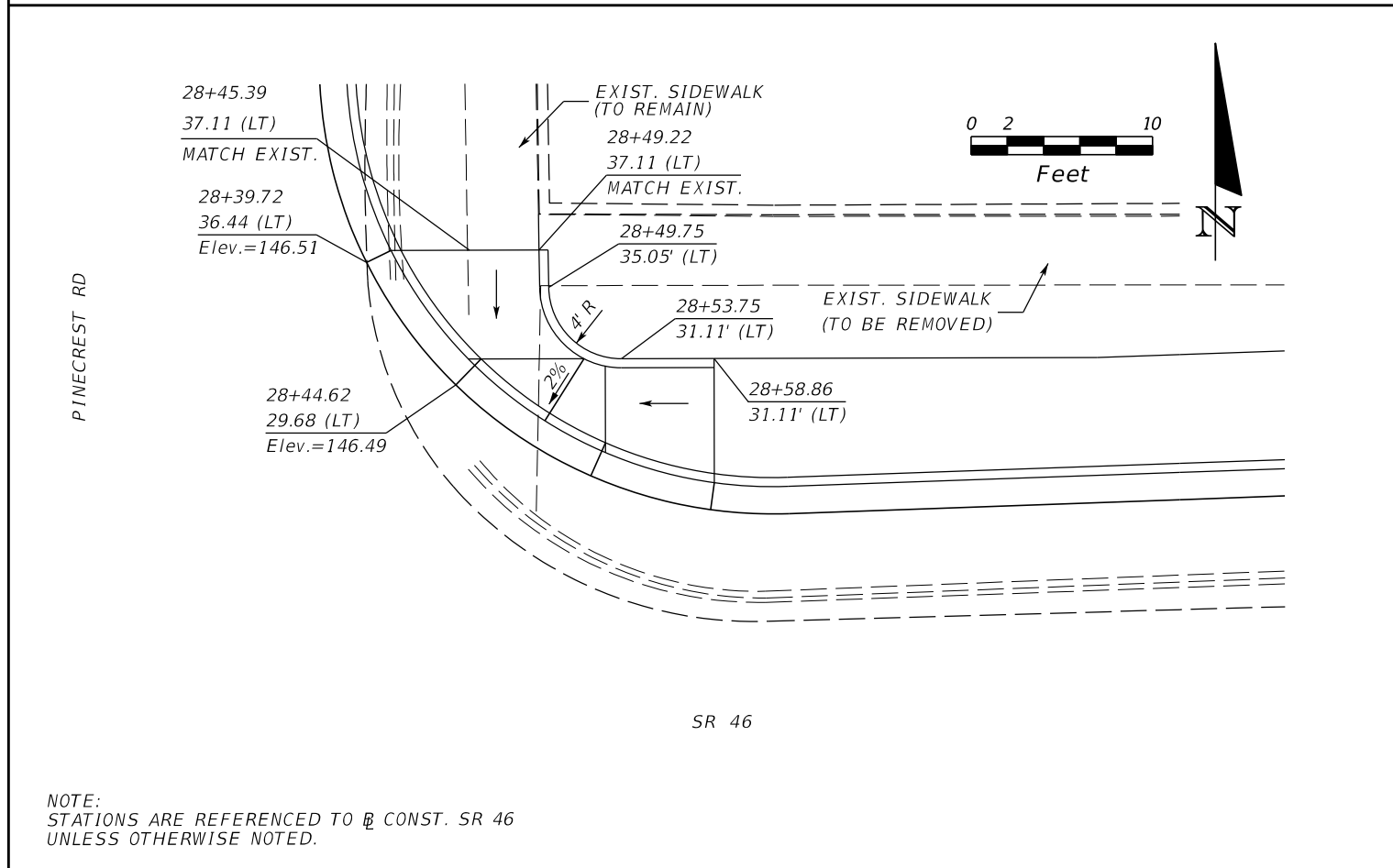
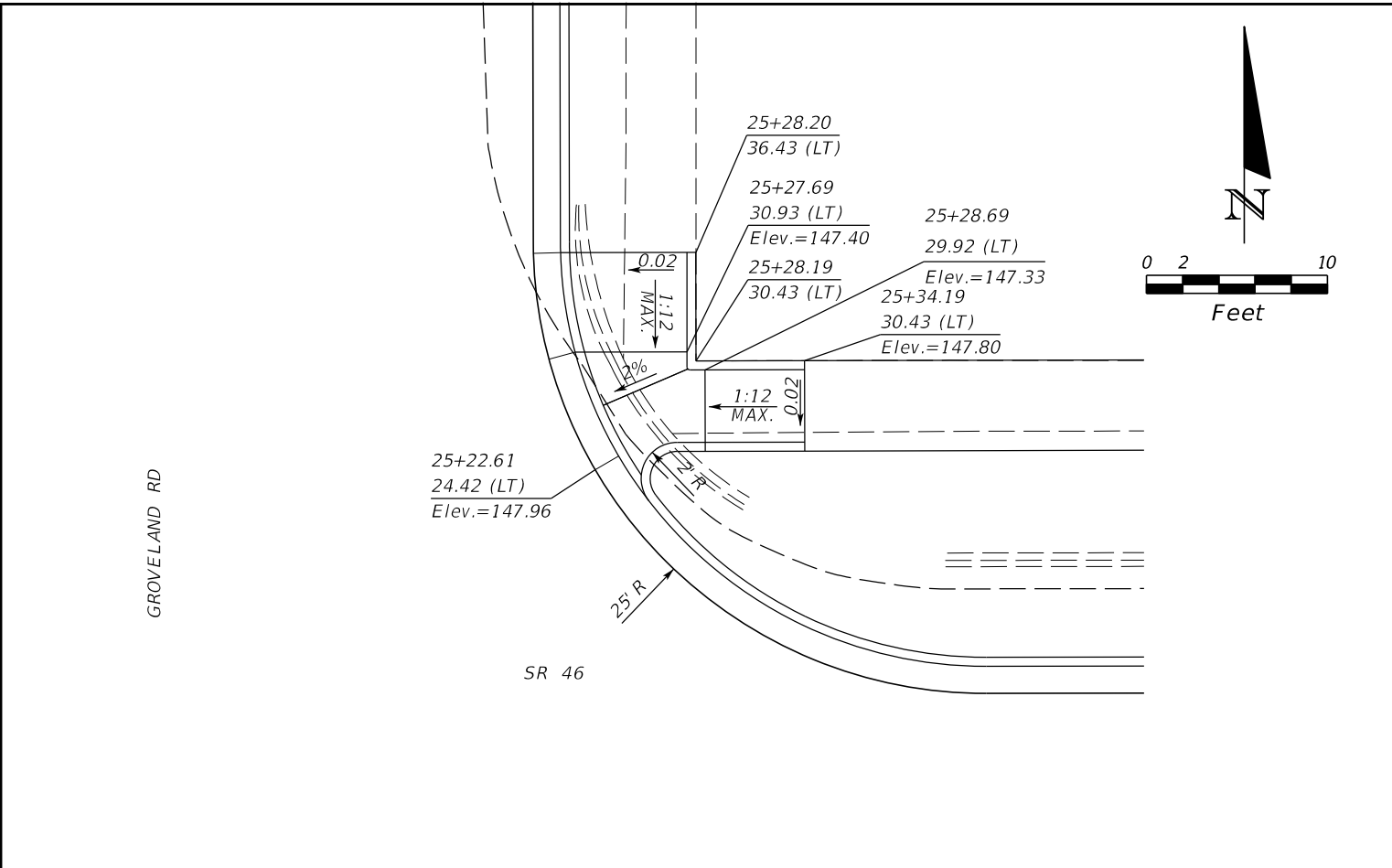
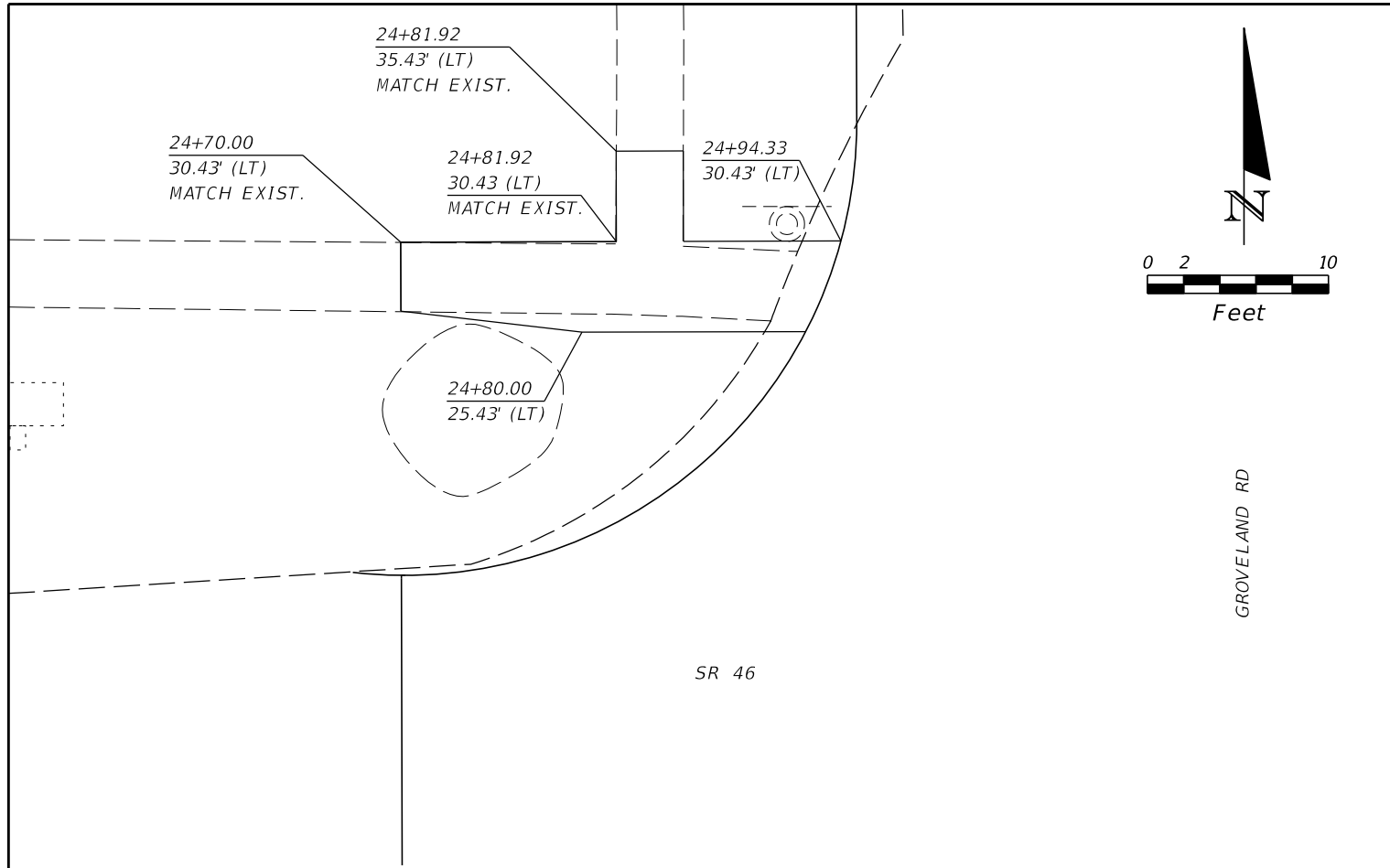
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NOTE:
STATIONS ARE REFERENCED TO @ CONST. SR 46
UNLESS OTHERWISE NOTED.

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	SPECIAL DETAILS 163

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NOTE:
STATIONS ARE REFERENCED TO CONST. SR 46
UNLESS OTHERWISE NOTED.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

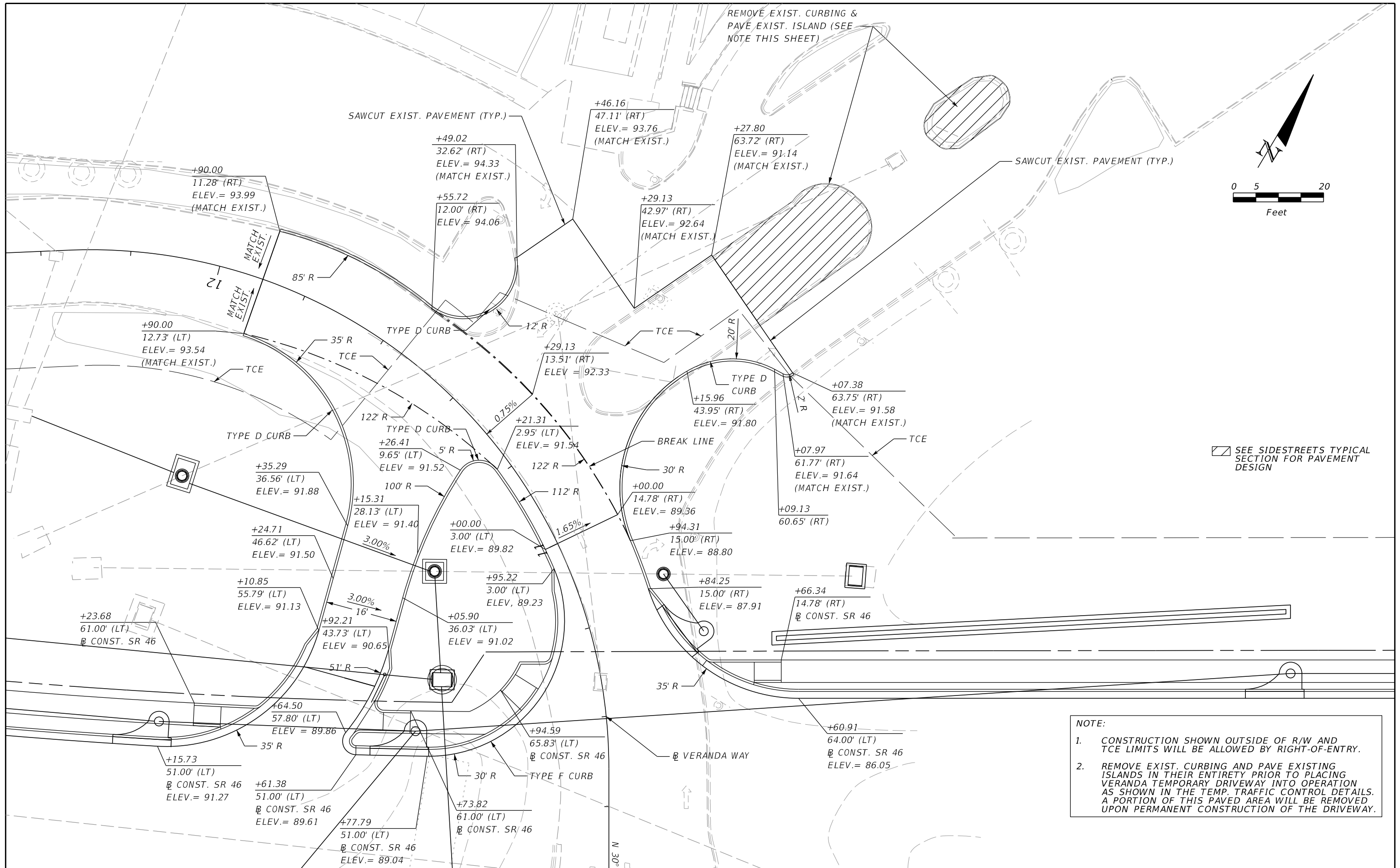
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CURB RAMP DETAILS

SHEET NO.
164

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



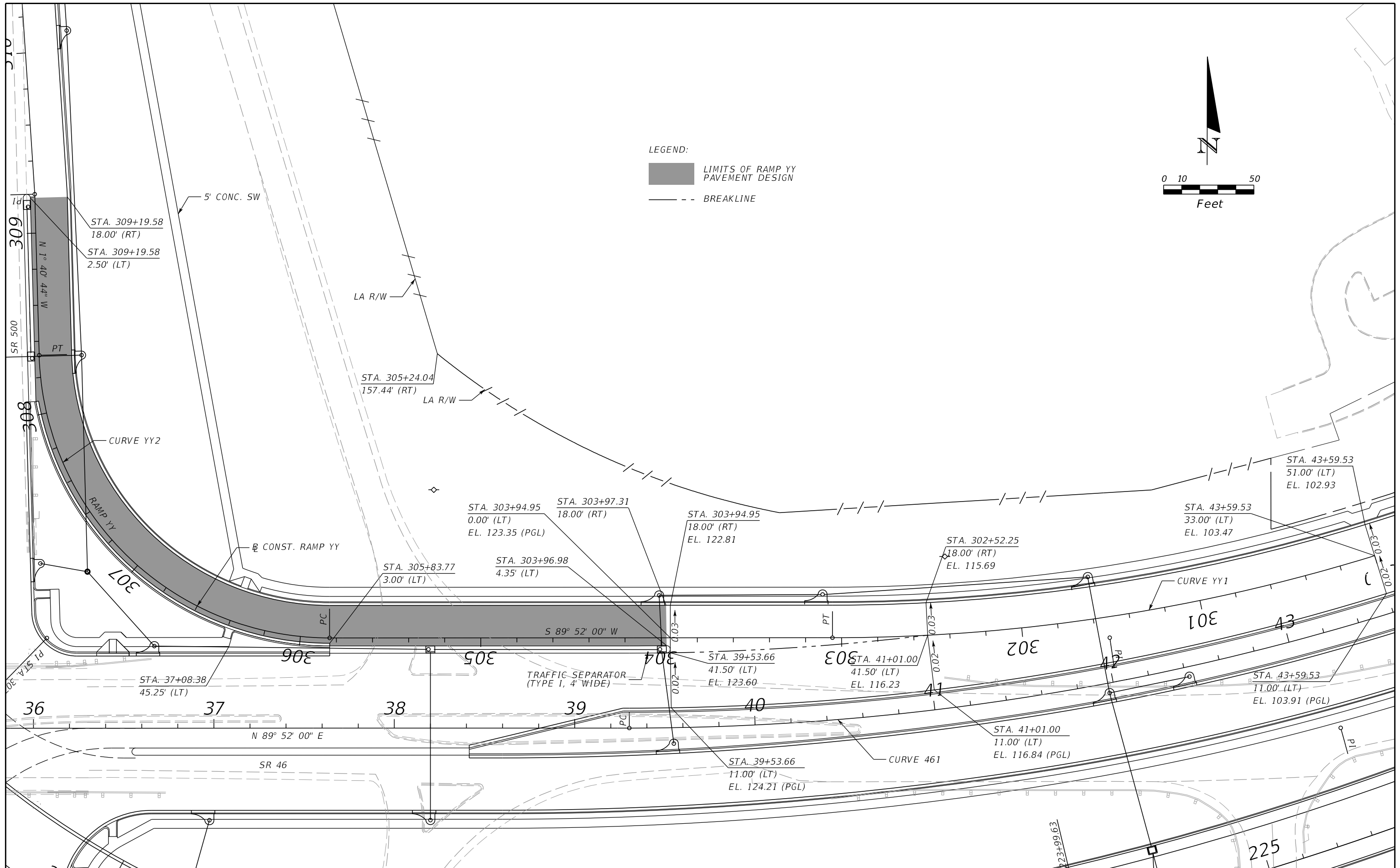
SEE SIDESTREETS TYPICAL SECTION FOR PAVEMENT DESIGN

NOTE:

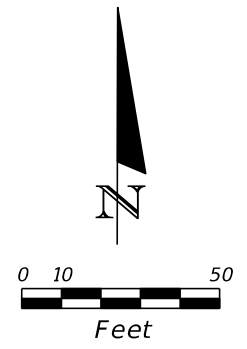
- CONSTRUCTION SHOWN OUTSIDE OF R/W AND TCE LIMITS WILL BE ALLOWED BY RIGHT-OF-ENTRY.
- REMOVE EXIST. CURBING AND PAVE EXISTING ISLANDS IN THEIR ENTIRETY PRIOR TO PLACING VERANDA TEMPORARY DRIVEWAY INTO OPERATION AS SHOWN IN THE TEMP. TRAFFIC CONTROL DETAILS. A PORTION OF THIS PAVED AREA WILL BE REMOVED UPON PERMANENT CONSTRUCTION OF THE DRIVEWAY.

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 165
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	

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LEGEND:
 [Shaded Area] LIMITS OF RAMP YY PAVEMENT DESIGN
 [Dashed Line] BREAKLINE



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
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 PHONE (407) 562-2030
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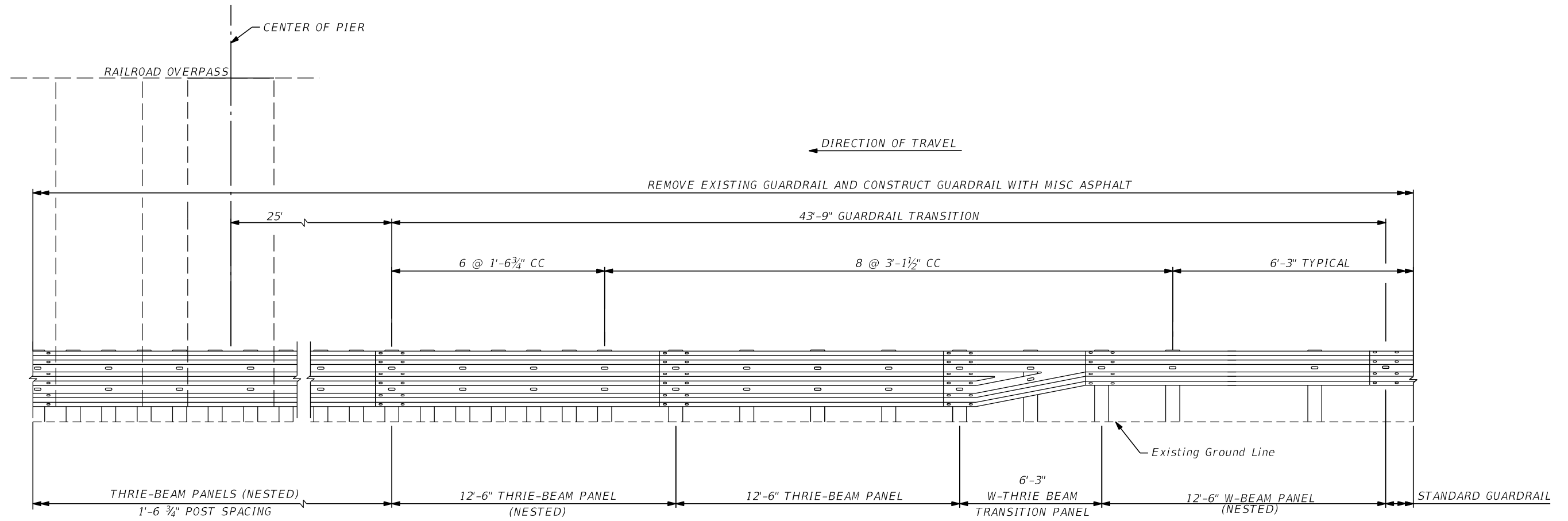
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SPECIAL DETAILS

SHEET NO.
166

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

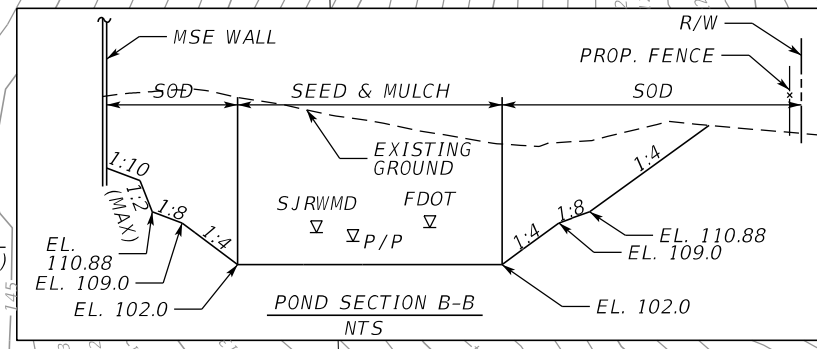
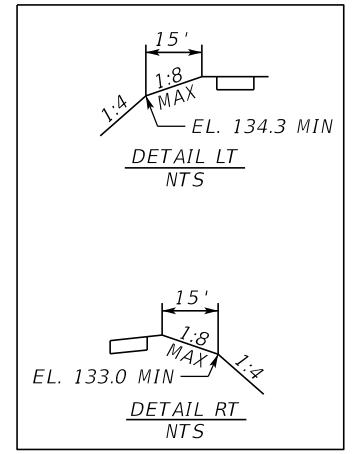
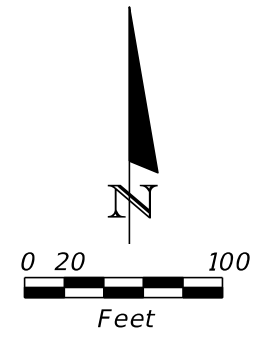
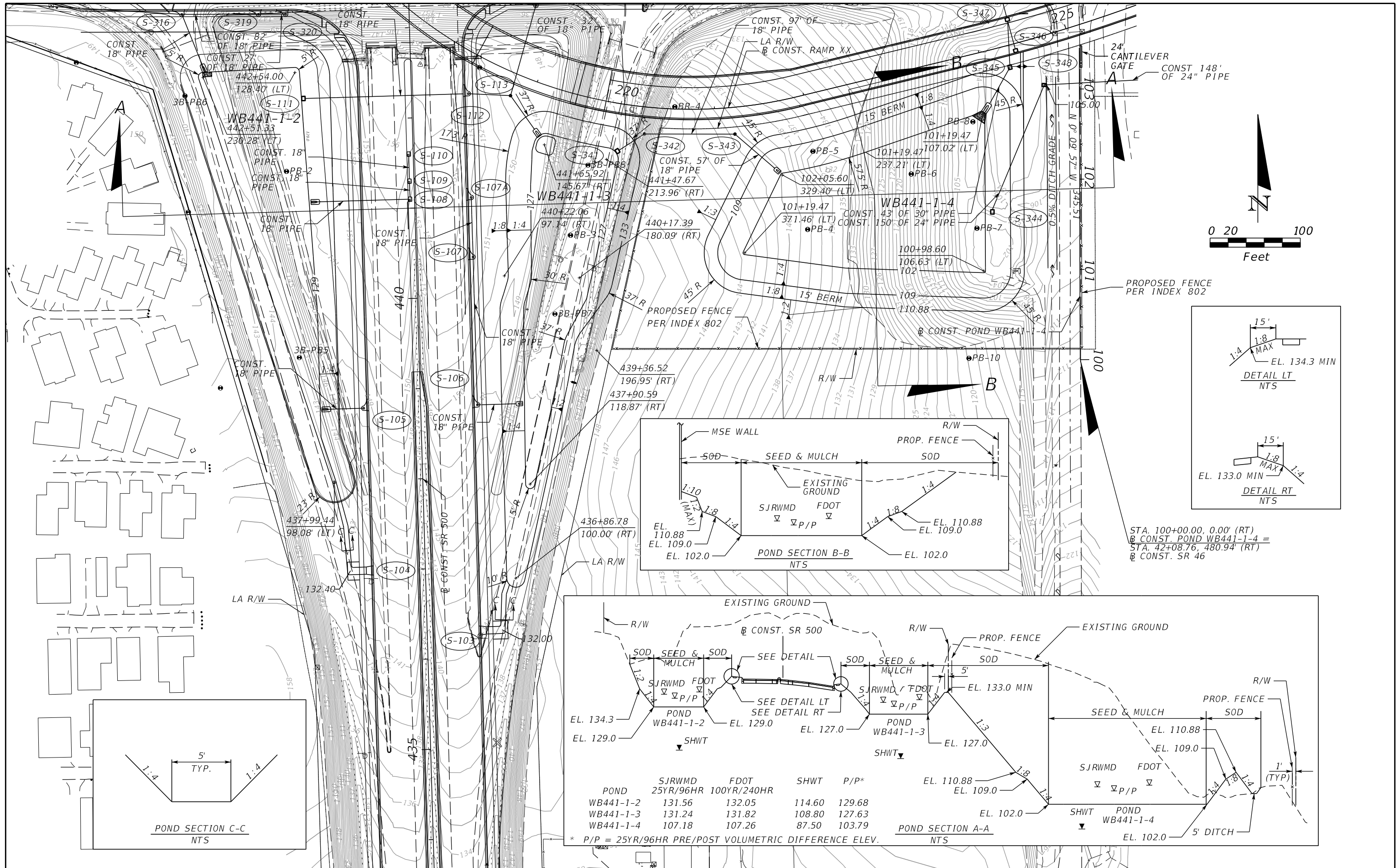


RAILROAD OVERPASS PIER
 GUARDRAIL DETAIL
 NTS

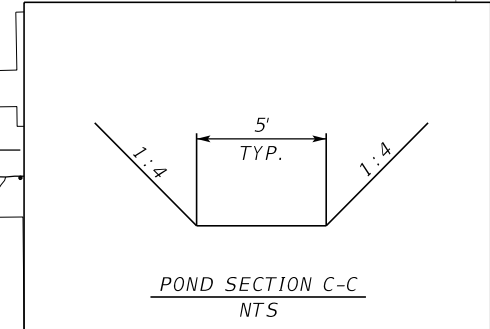
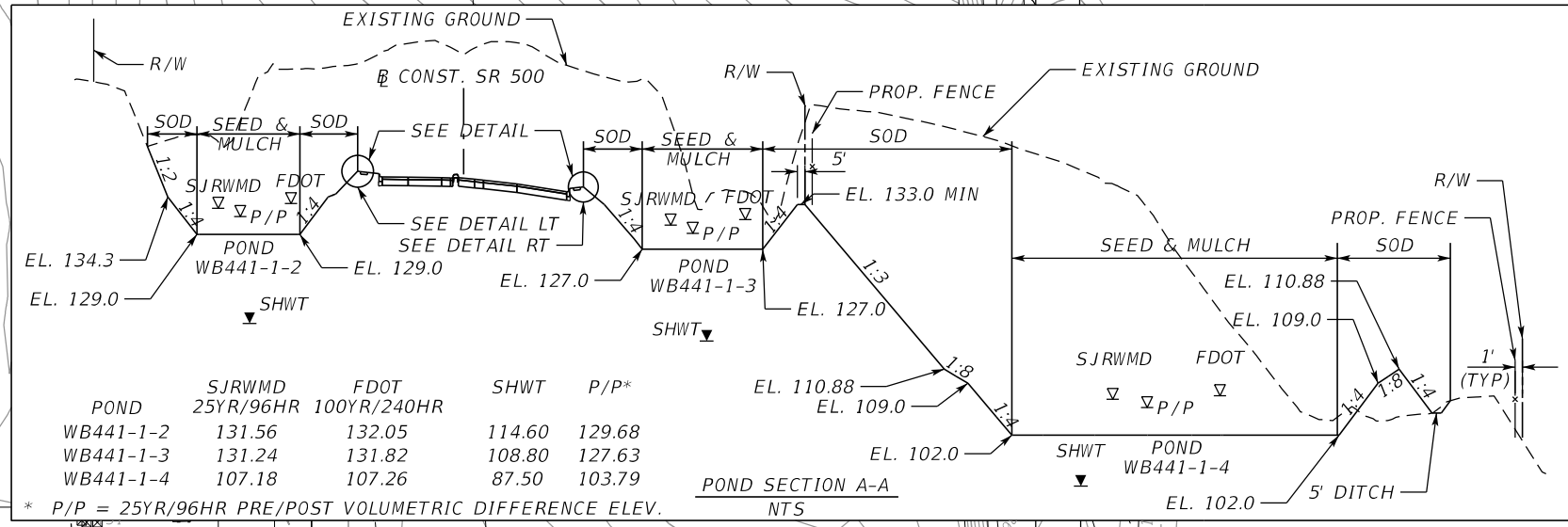
NOTE: GUARDRAIL TRANSITION SHOWN FOR TRAFFIC APPROACHING RAILROAD OVERPASS PIERS. GUARDRAIL TRANSITION PAST PIERS SIMILAR, BUT OPPOSITE.

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SPECIAL DETAILS GUARDRAIL DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		167
					SR 46	LAKE	238275-2-52-01		

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STA. 100+00.00, 0.00' (RT)
 @ CONST. POND WB441-1-4 =
 STA. 42+08.76, 480.94' (RT)
 @ CONST. SR 46



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

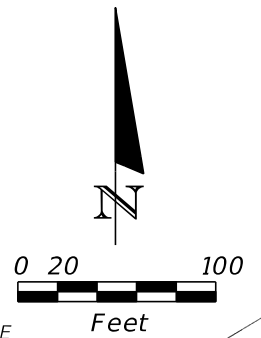
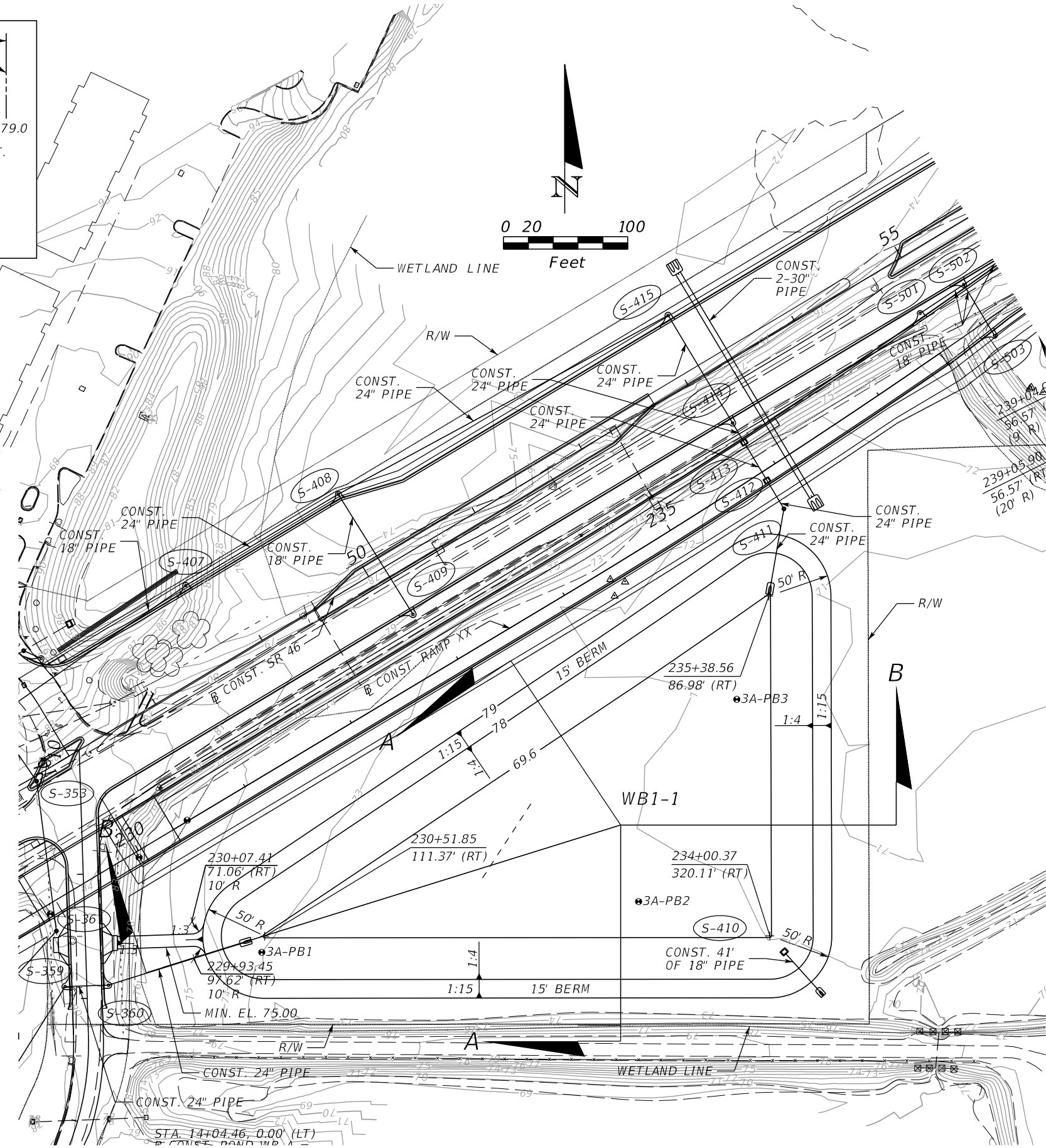
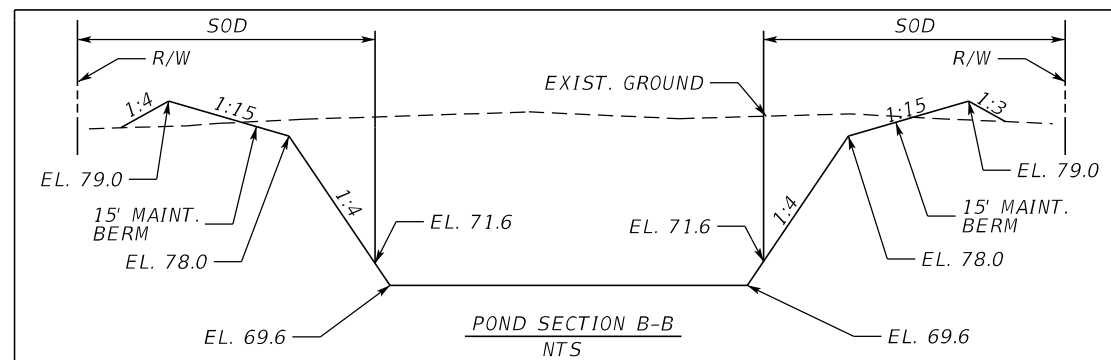
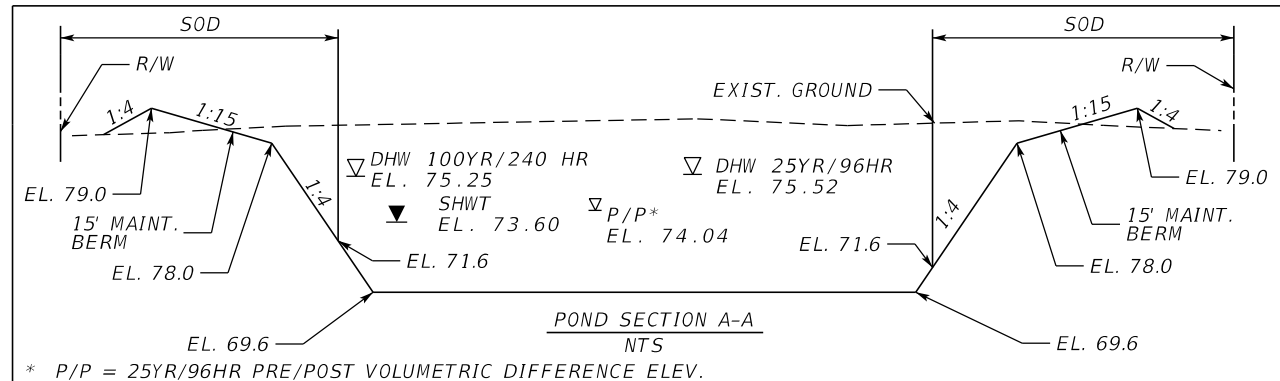
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND DETAIL
WB441-1-2, WB441-1-3, WB441-1-4

SHEET NO. 168

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

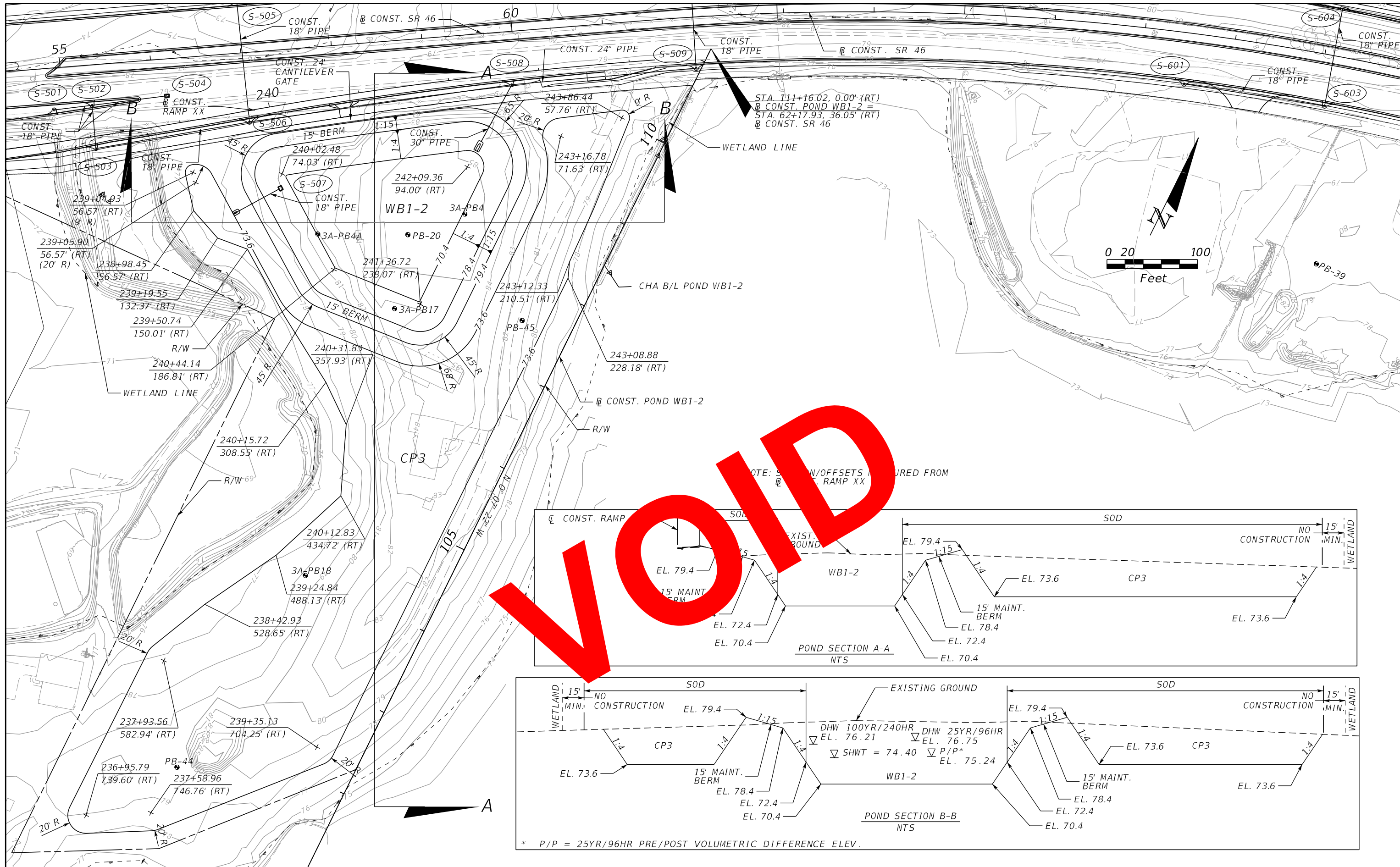
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND DETAIL
WB1-1

SHEET NO.
 169

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VOID

* P/P = 25YR/96HR PRE/POST VOLUMETRIC DIFFERENCE ELEV.

REVISIONS	
DATE	DESCRIPTION

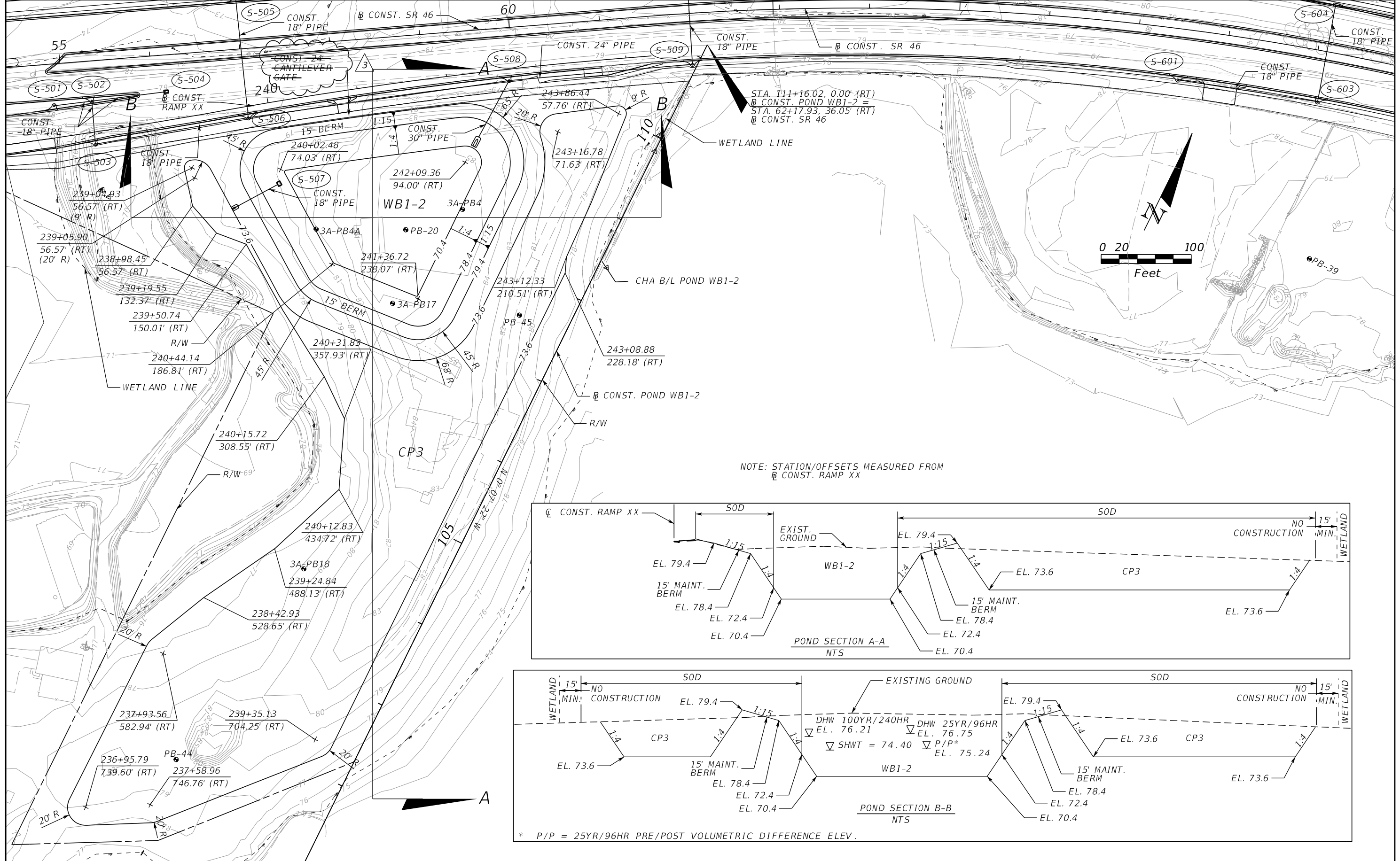
MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

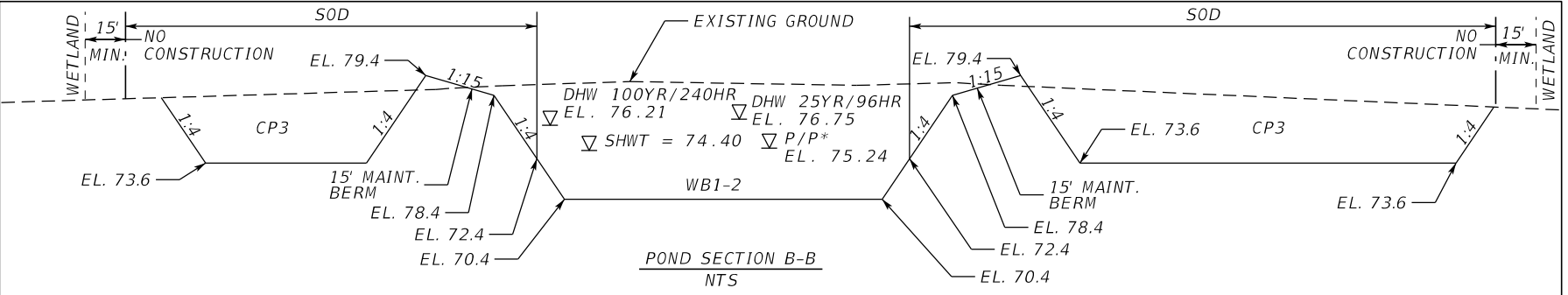
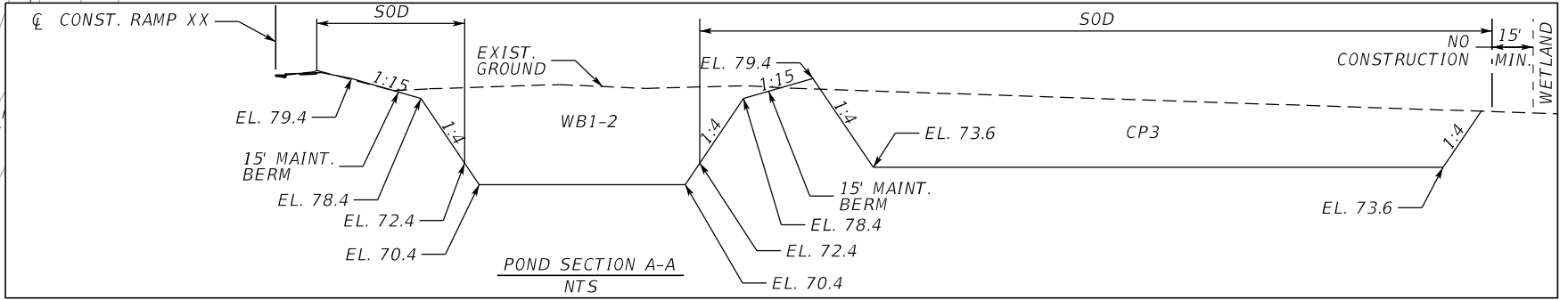
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND DETAIL WB1-2 & CP3		SHEET NO.
		170

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NOTE: STATION/OFFSETS MEASURED FROM
 CONST. RAMP XX



* P/P = 25YR/96HR PRE/POST VOLUMETRIC DIFFERENCE ELEV.

REVISIONS	
DATE	DESCRIPTION
08/17/17	SAS 3 DELETED FENCE GATE CALLOUT

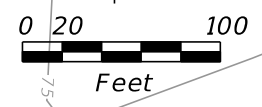
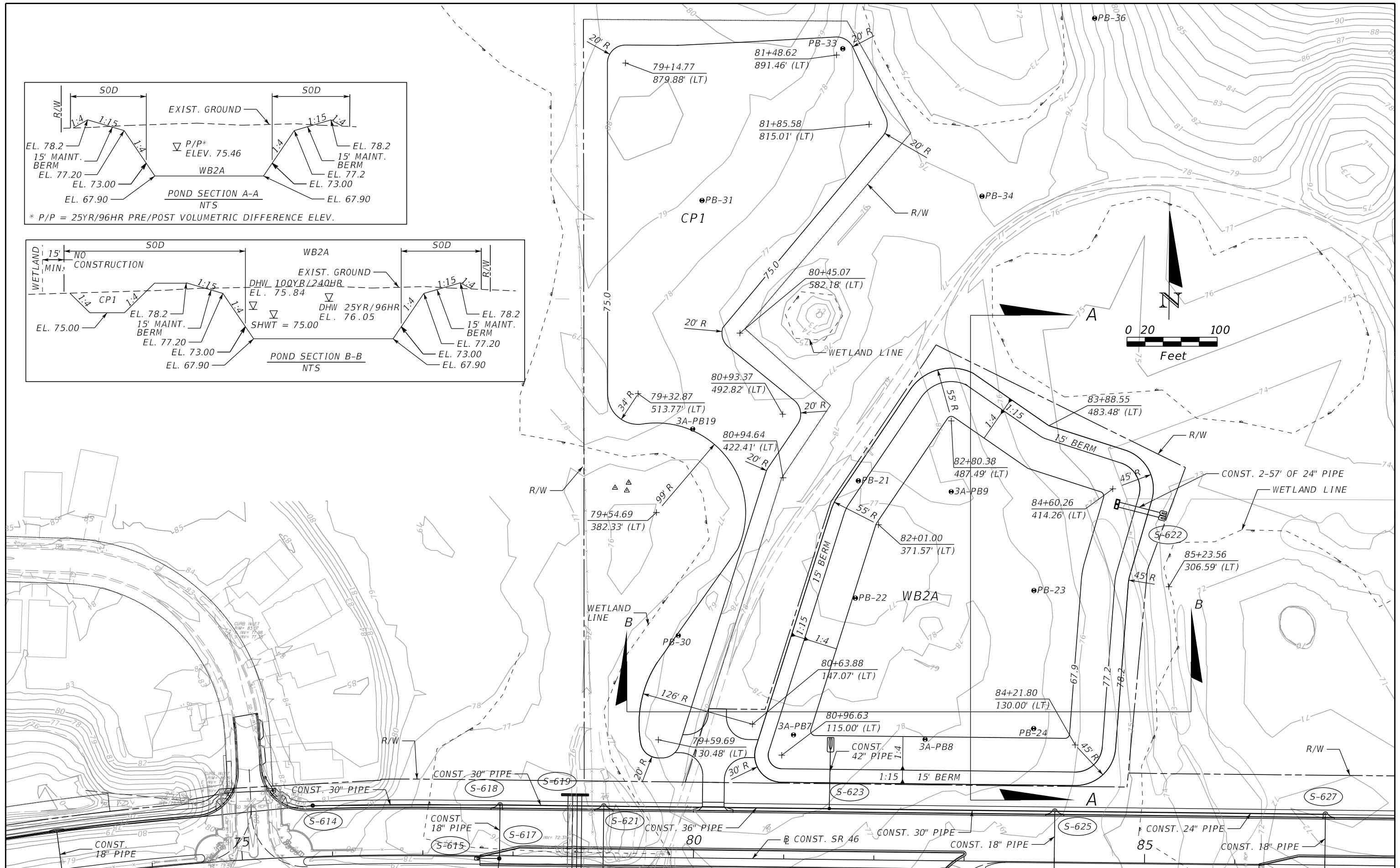
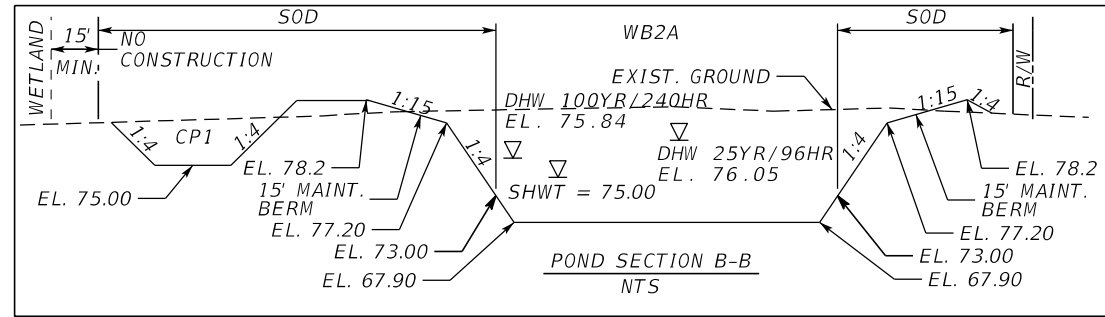
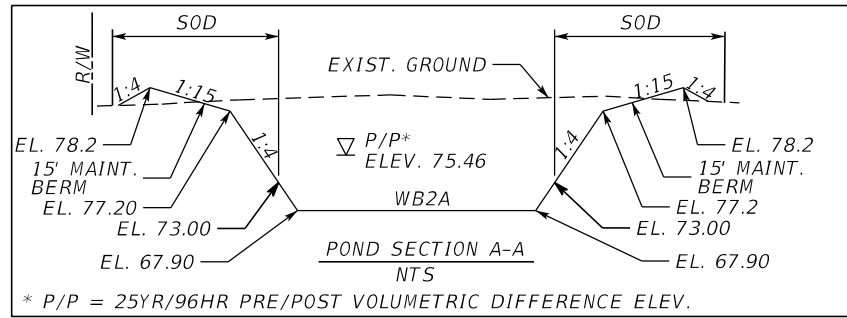
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND DETAIL WB1-2 & CP3	
SHEET NO.	170

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

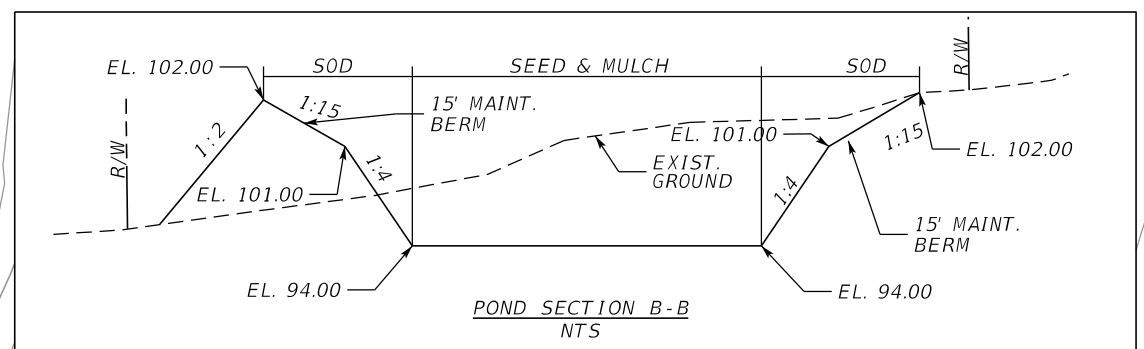
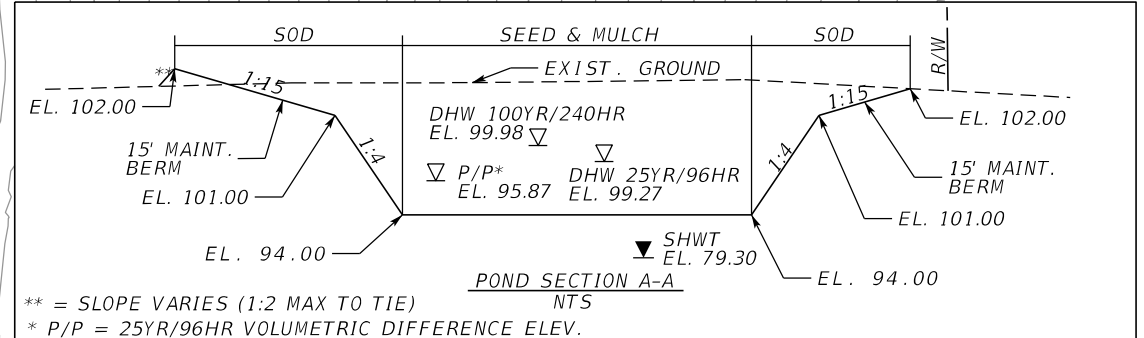
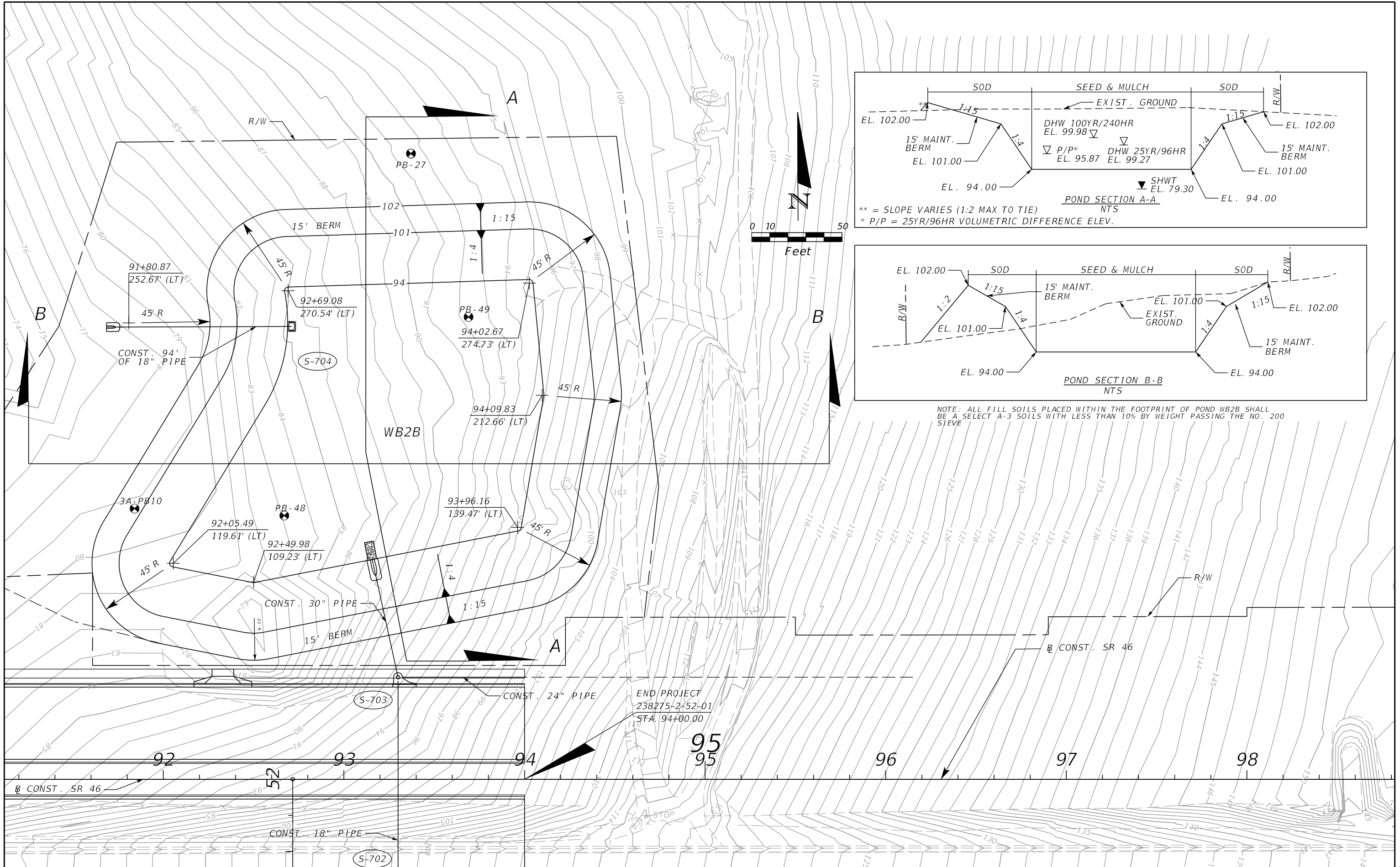
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND DETAIL
WB2A & CPI

SHEET NO.
171

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NOTE: ALL FILL SOILS PLACED WITHIN THE FOOTPRINT OF POND WB2B SHALL BE A SELECT A-3 SOILS WITH LESS THAN 10% BY WEIGHT PASSING THE NO. 200 SIEVE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

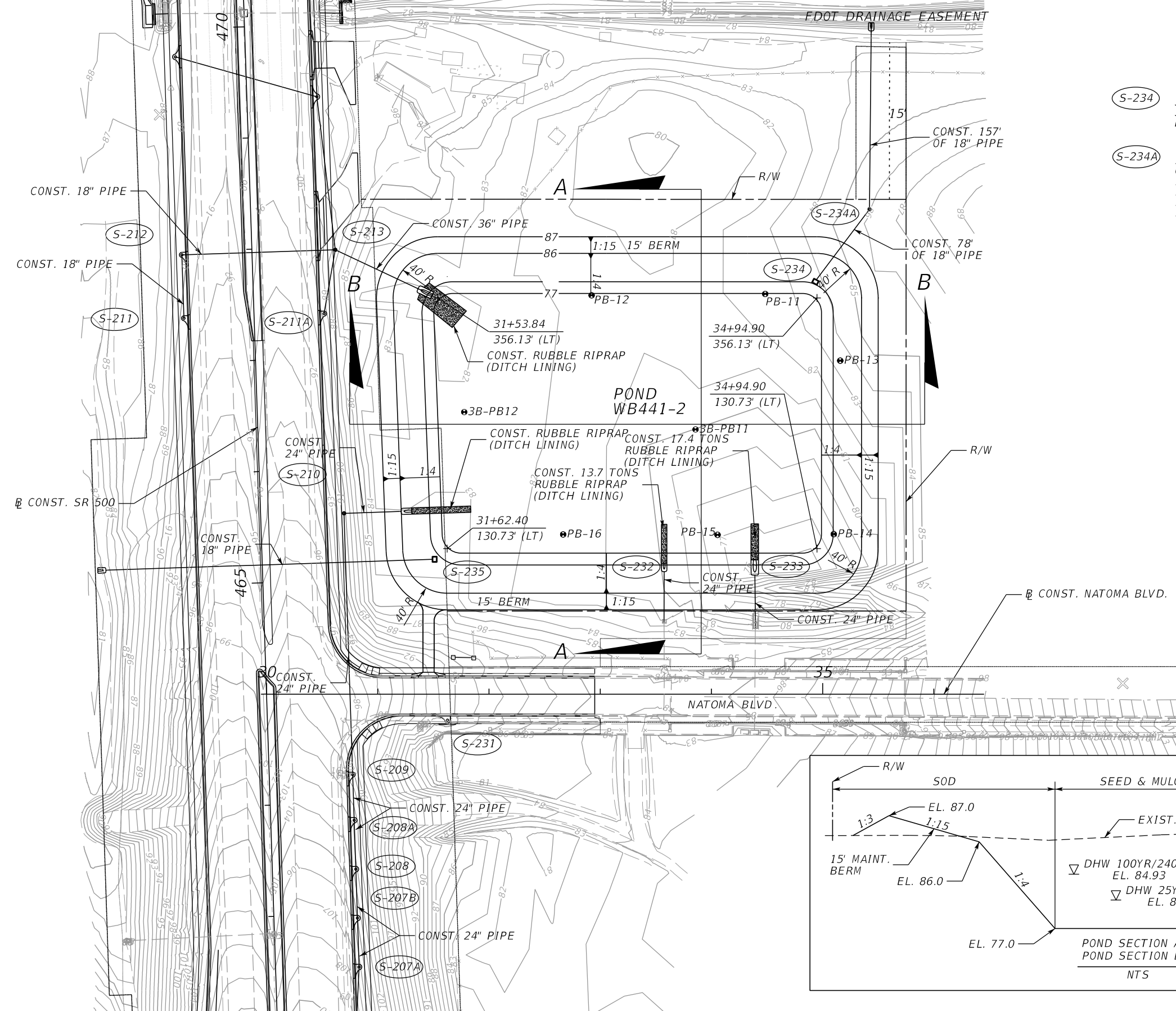
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND DETAIL
WB2B

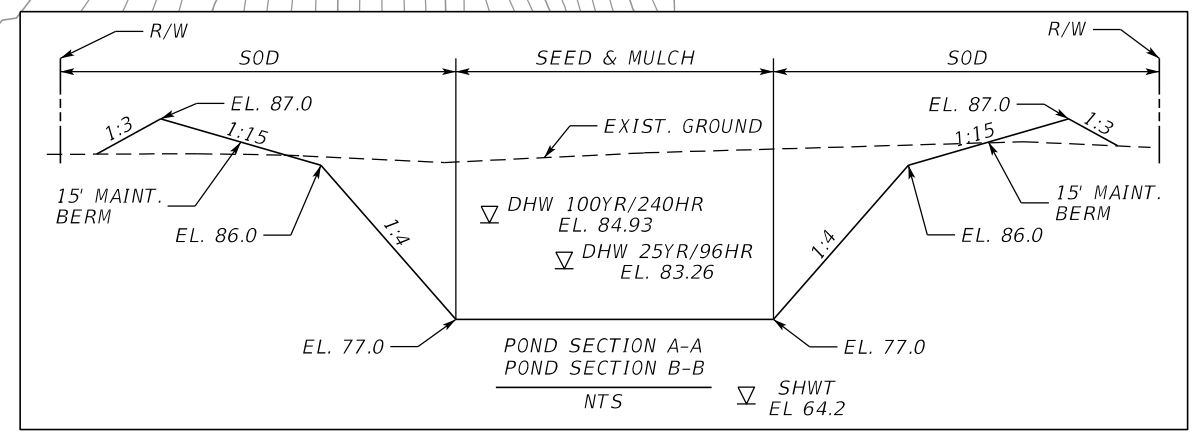
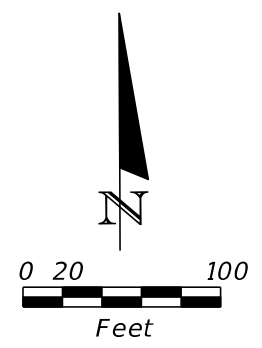
SHEET NO.
 172

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



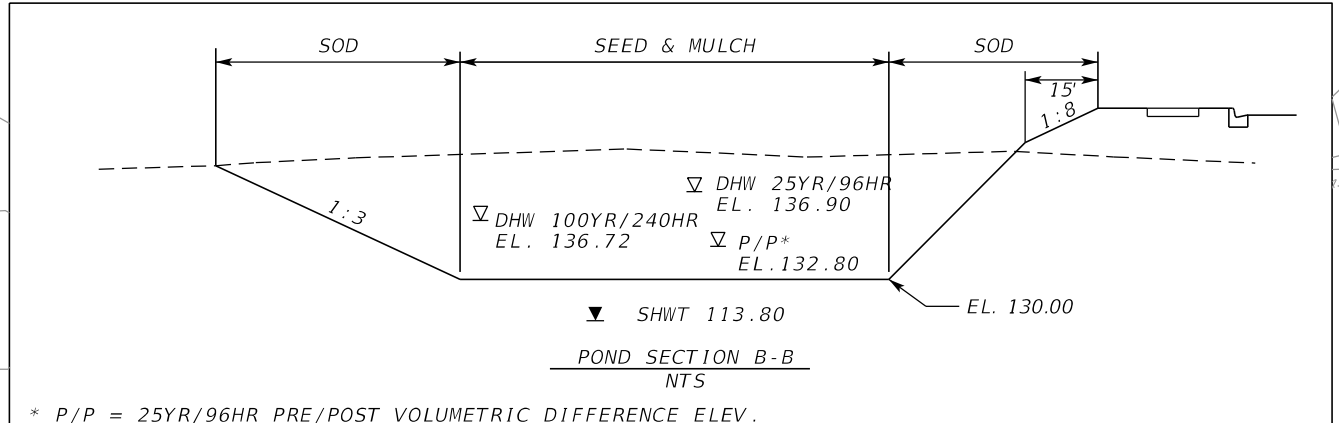
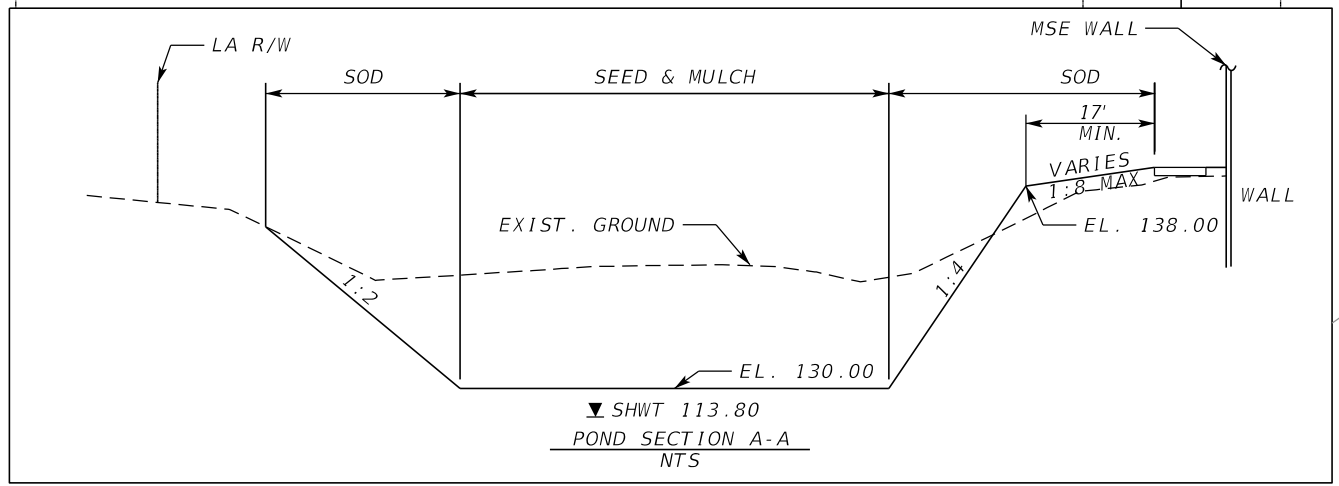
S-234 STA. 467+54.00 (505.50)
SEE DRAINAGE DETAILS SHEET
FOR CONTROL STRUCTURE

S-234A STA. 468+17.50 (556.20 RT)
CONST. MANHOLE TYPE P-8
INDEX NO. 200, 201
RIM EL. 85.00
FL EL. 79.00 (BK)
FL EL. 76.70 (AH)

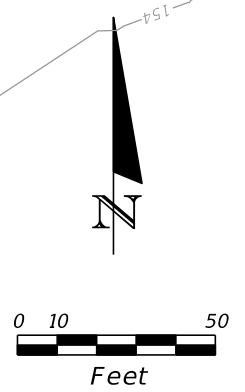
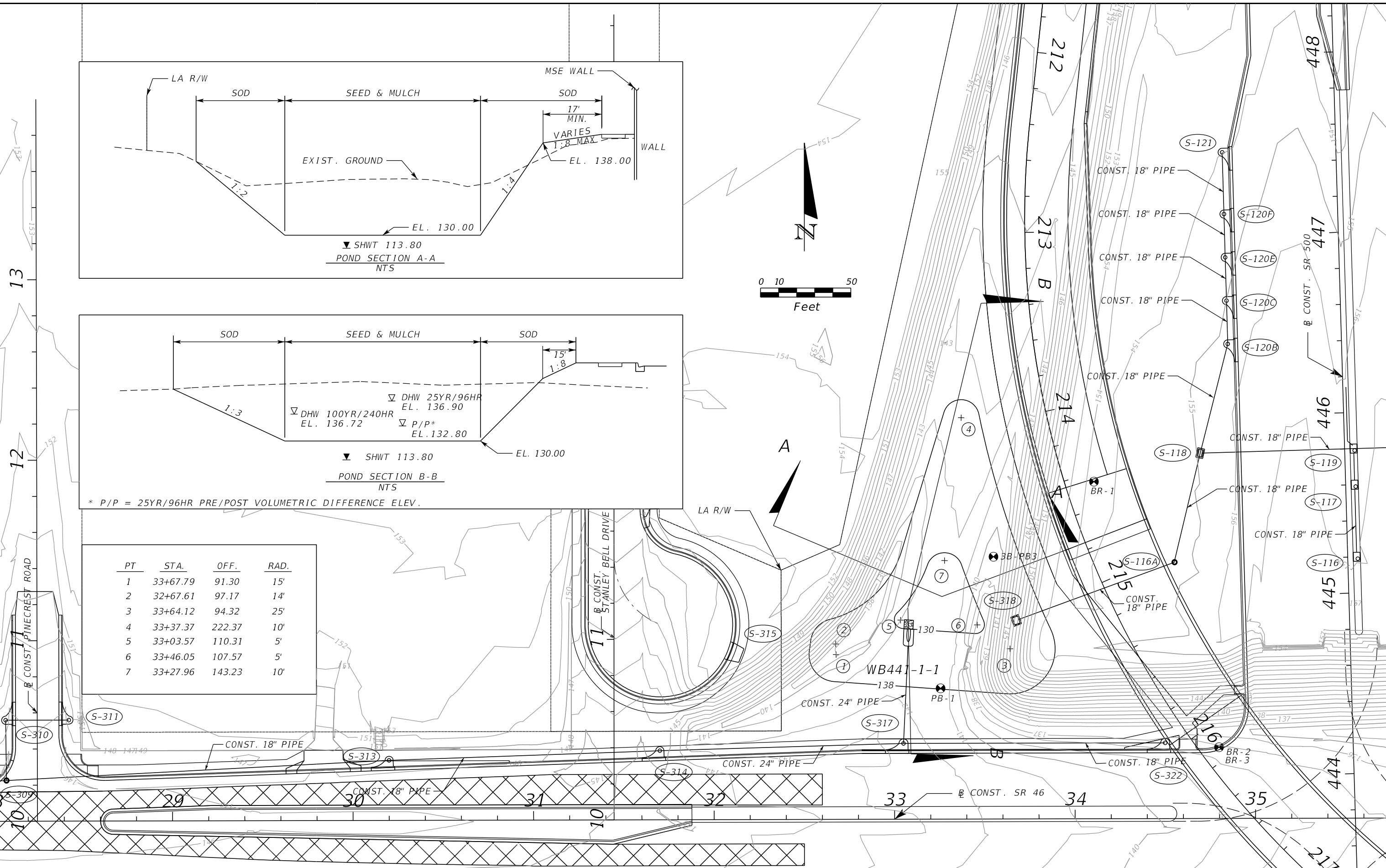


REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND DETAIL WB441-2	SHEET NO. 173
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01		

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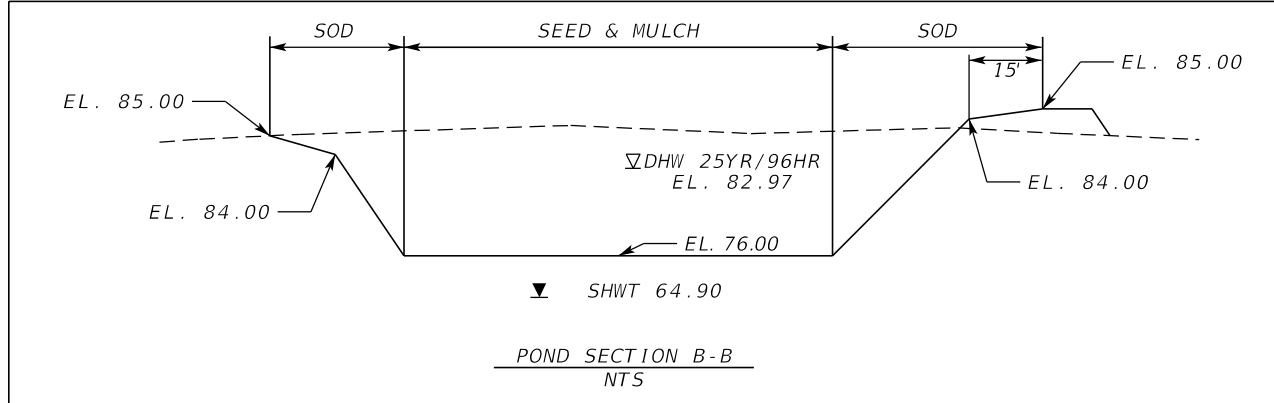
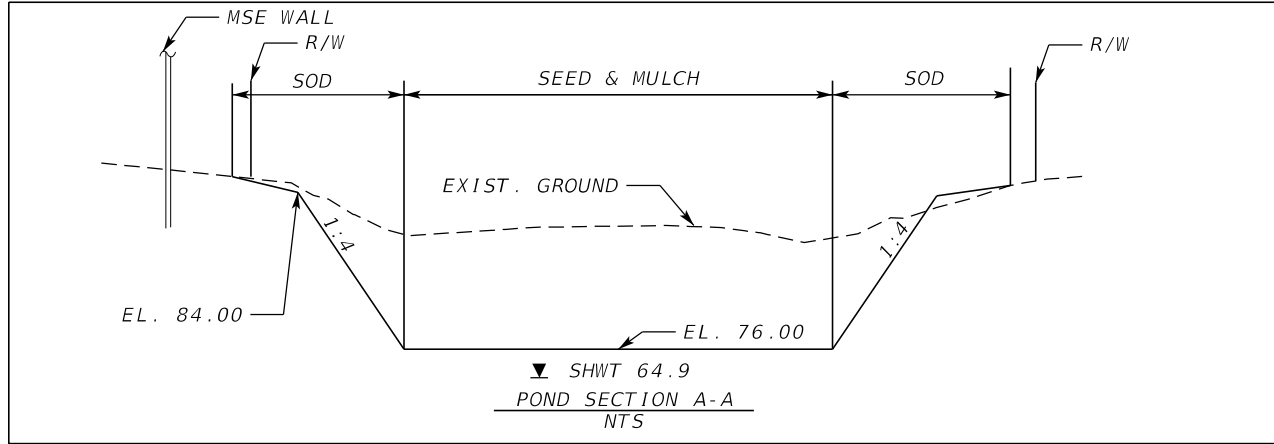


PT	STA.	OFF.	RAD.
1	33+67.79	91.30	15'
2	32+67.61	97.17	14'
3	33+64.12	94.32	25'
4	33+37.37	222.37	10'
5	33+03.57	110.31	5'
6	33+46.05	107.57	5'
7	33+27.96	143.23	10'



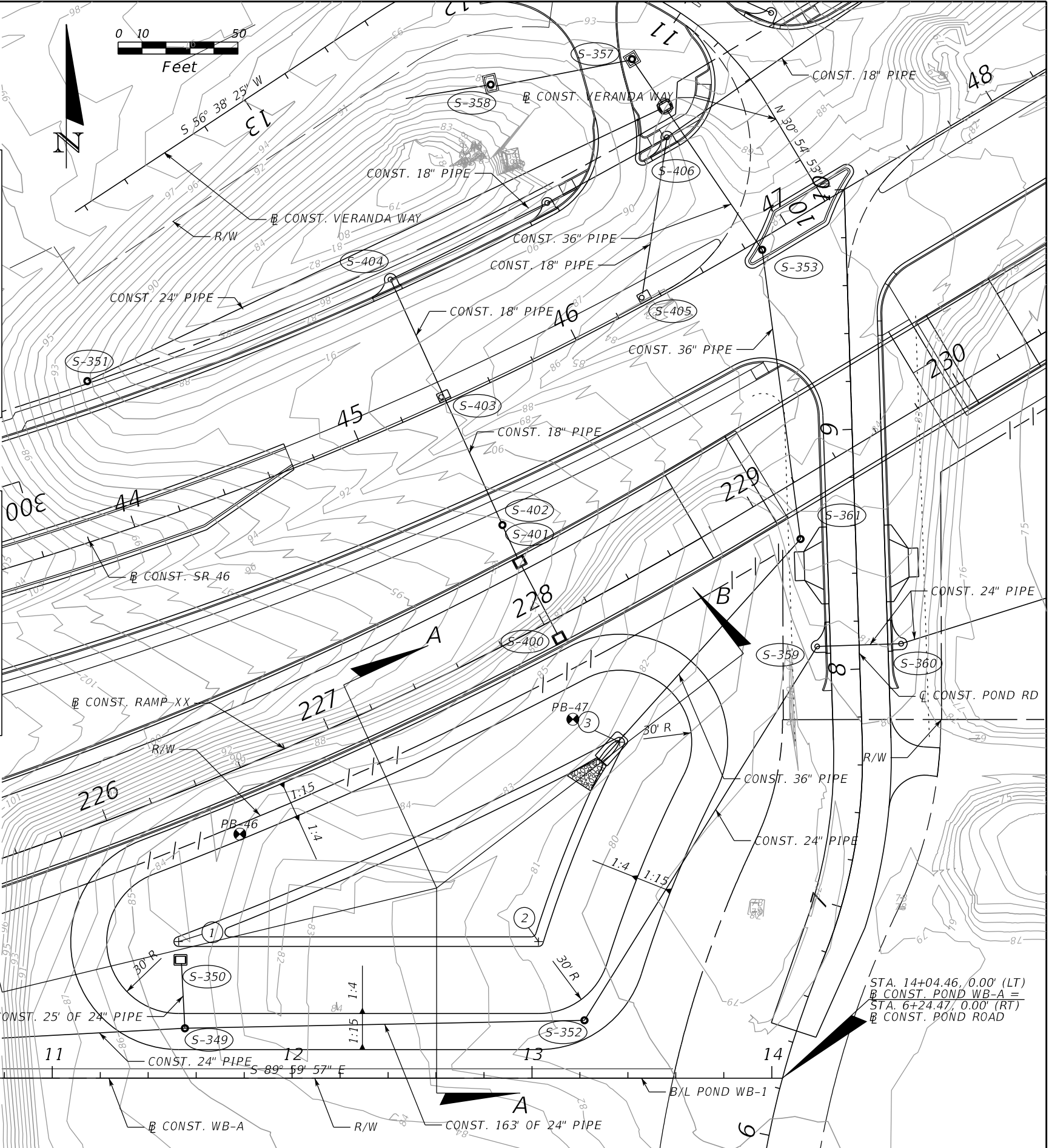
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND DETAIL WB441-1-1	SHEET NO. 174
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PT	STA.	OFF.	RAD.
1	11+52.69	56.90	30'
2	32+67.61	56.90	30'
3	13+36.59	140.09	30'

NOTE: STATION AND OFFSET TAKEN FROM B CONST. WB-A_CHAIN



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND DETAIL WB-A	SHEET NO. 175
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
MATERIALS AND RESEARCH

DATE OF SURVEY: JUNE 2013
SURVEY MADE BY: D. HALL, J. BRADLEY, T. ROBINSON, R. ROBINSON
SUBMITTED BY: GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC.

DISTRICT: 5
ROAD NO.: SR 46
COUNTY: LAKE

FINANCIAL PROJECT ID : 238275-2-52-02
PROJECT NAME: SR 46 FROM WEST OF US 441 TO VISTA VIEW LANE

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SR 46 SURVEY BEGINS STA. : 24+76 SURVEY ENDS STA. : 94+00
US 441 SURVEY BEGINS STA. : 427+00 SURVEY ENDS STA. : 477+50
RAMP YY SURVEY BEGINS STA. : 300+00 SURVEY ENDS STA. : 312+95
RAMP XX SURVEY BEGINS STA. : 200+00 SURVEY ENDS STA. : 244+28

STATIONS REFERENCE: CENTERLINE OF SURVEY

STRATUM NO.	NO. OF TESTS	ORGANIC %	NO. OF TESTS	MOISTURE CONTENT	NO. OF TESTS	SIEVE ANALYSIS RESULTS PERCENT PASS (%)					ATTERBERG LIMITS (%)				DESCRIPTION	CORROSION TEST RESULTS				
						10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX	AASHTO GROUP		NO. OF TESTS	RESISTIVITY ohm-cm	CHLORIDE ppm	SULFATES ppm	pH
1	6	2-4	6	6-19	59	100	52-94	32-81	12-51	1-10	0	-	-	A-3	LIGHT BROWN TO DARK BROWN TO ORANGE FINE SAND TO FINE SAND WITH SILT, OCCASIONAL TRACE TO SOME LIMEROCK AND TRACE ORGANIC MATERIAL	11	5,100-87,000	45	10-45	5.9-6.7
2	2	4	3	15-20	47	96-100	60-99	45-94	20-88	11-35	1	23	5	A-2-4	LIGHT BROWN TO DARK BROWN TO ORANGE FINE SAND WITH SILT TO SILTY FINE SAND, OCCASIONAL TRACE ORGANIC MATERIAL	7	3,300-26,000	30-60	20-276	5.3-6.7
3	0	-	5	11-22	5	100	97-99	87-94	66-85	30-63	5	24-40	11-28	A-6, A-2-6	LIGHT BROWN TO BROWN TO LIGHT GRAY CLAYEY FINE SAND	0	-	-	-	-
4	25	5-66	25	15-511	25	100	82-100	60-97	32-93	11-92	0	-	-	A-8	BROWN TO DARK BROWN MUCKY FINE SAND TO SANDY MUCK TO MUCK, OCCASIONAL TRACE TO SOME ROOTS	1	3,200	45	83	6.3
5	0	-	0	-	0	-	-	-	-	-	0	-	-	A-3, A-2-4	BROWN TO DARK BROWN CEMENTED FINE SAND WITH SILT TO SILTY FINE SAND (HARDPAN)	-	-	-	-	-

NOTES

1. STRATA BOUNDARIES ARE APPROXIMATE AND REPRESENT SOIL STRATA AT EACH BORING LOCATION ONLY. ANY STRATUM CONNECTING LINES THAT ARE SHOWN ARE FOR ESTIMATING EARTHWORK ONLY AND DO NOT INDICATE ACTUAL STRATUM LIMITS. SUBSURFACE VARIATIONS BETWEEN BORINGS SHOULD BE ANTICIPATED.
2. WATER TABLE SHOWN AS ∇ WHERE ENCOUNTERED AT TIME OF SURVEY. GROUNDWATER NOT ENCOUNTERED SHOWN AS "GNE". ESTIMATED SEASONAL HIGH GROUNDWATER SHOWN AS ∇ . ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL ABOVE GROUND SURFACE SHOWN AS ∇ AGS.
3. REMOVAL OF MUCK AND PLASTIC MATERIAL OCCURRING WITHIN ROADWAY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH INDEX NO. 500 OF THE FDOT DESIGN STANDARDS UNLESS OTHERWISE SHOWN ON PLANS. THE MATERIAL USED IN EMBANKMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH INDEX NO. 505 OF THE FDOT DESIGN STANDARDS.
4. SOIL TEST RESULTS INCLUDES DATA FROM ROADWAY AND POND BORINGS.
5. THE SYMBOL "-" REPRESENTS AN UNMEASURED PARAMETER.
6. THE SYMBOL "NP" REPRESENTS NON-PLASTIC.
7. STRATA 1 AND 2 SHALL BE TREATED AS SELECT (S) MATERIAL.
8. STRATA 2 AND 5 MAY RETAIN EXCESS MOISTURE AND MAY BE DIFFICULT TO DRY AND COMPACT.
9. STRATUM 3 SHALL BE TREATED AS PLASTIC (P) MATERIAL.
10. STRATUM 4 SHALL BE TREATED AS MUCK (M).
11. STRATUM 5 MAY BE DIFFICULT TO DEWATER, EXCAVATE AND/OR PENETRATE AND MAY REQUIRE SPECIAL EQUIPMENT AND/OR PROCEDURES TO FACILITATE DEWATERING, EXCAVATION AND/OR PENETRATION. STRATUM 5 CAN BE TREATED AS SELECT (S) MATERIAL BUT MAY NEED TO BE PULVERIZED PRIOR TO USE AS FILL.
12. LAYERS OF VERY HARD MATERIAL SUCH AS HARDPAN, CEMENTED SAND, ETC. MAY BE ENCOUNTERED IN VARIOUS AREAS OF THE PROJECT. SUCH MATERIALS WILL BE DIFFICULT TO EXCAVATE OR PENETRATE. THE CONTRACTOR SHALL EXPECT TO ENCOUNTER THESE VERY HARD MATERIALS IN ALL EXCAVATIONS AND SHALL USE SPECIALIZED EQUIPMENT AND/OR PROCEDURES AS NECESSARY TO FACILITATE EXCAVATIONS OR PENETRATIONS.
13. ROADWAY SPT BORINGS ARE DEPICTED ON CROSS SECTIONS IN PROJECT PLANS BUT HAVE BEEN TRUNCATED TO A MAXIMUM DEPTH OF 50 FEET. FOR DETAILED RESULTS OF SPT BORINGS, SEE THE ROADWAY SPT BORING RESULTS SHEETS.

FIGURE 2

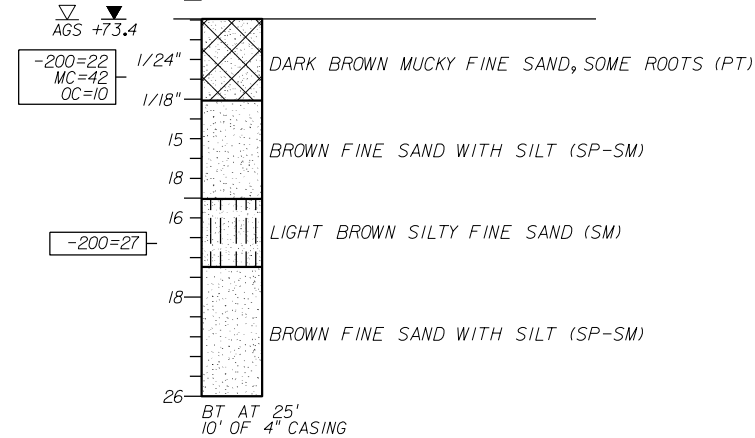
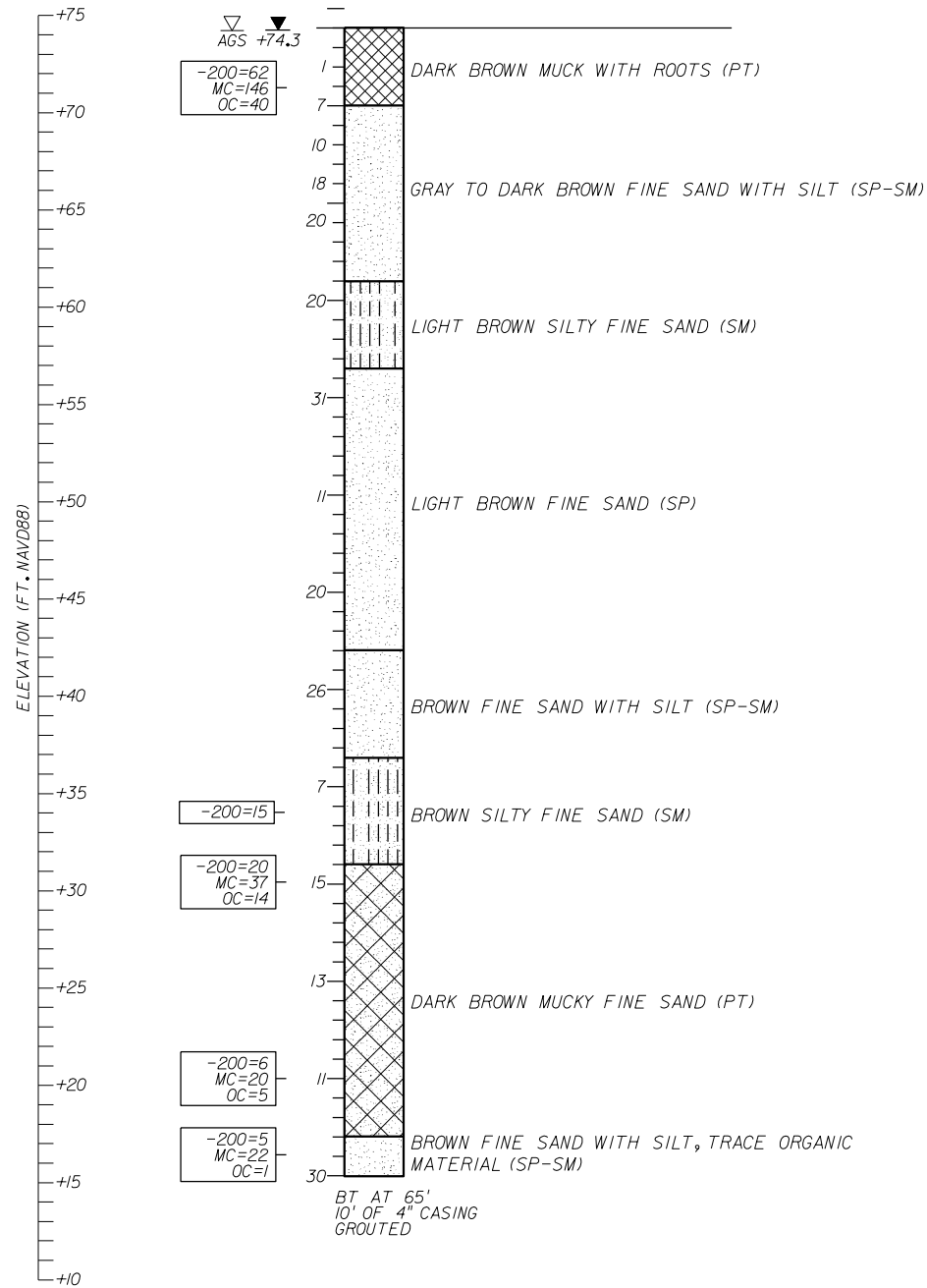
REVISIONS				GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC) 919 Lake Baldwin Lane Orlando, FL 32814 T 407-898-1818 F 407-898-1837 Certificate of Authorization No. 5882 CRAIG G. BALLOCK PE NO. 71571	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY SOIL SURVEY	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-02		176

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SR 46 / RAMP XX

3A-B1
 GSE: +74.3
 STA. 230+60, 5' RIGHT
 LAT: N28.79736°
 LONG: W81.62131°
 DATE DRILLED: 1-20-12 BARGE DECK

3A-B2
 GSE: +73.4
 STA. 231+72, 13' RIGHT
 LAT: N28.79750°
 LONG: W81.62100°
 DATE DRILLED: 1-20-12 BARGE DECK



LEGEND

- ▽ AGS ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL ABOVE EXISTING GROUND SURFACE
- ▽ +74.3 ENCOUNTERED GROUNDWATER ELEVATION (FT. NAVD88) 24 HRS. AFTER DRILLING BORING
- GSE GROUND SURFACE ELEVATION (FT. NAVD88)
- N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT
- 1/24" NUMBER OF BLOWS FOR 24 INCHES OF PENETRATION
- (SP) UNIFIED SOIL CLASSIFICATION SYMBOL
- BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED
- 200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM I-T 088)
- MC= PERCENT NATURAL MOISTURE CONTENT (FM I-T 265)
- OC= PERCENT ORGANIC CONTENT (FM I-T 267)

SOILS LEGEND



GENERAL NOTES

STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATIONS WERE SURVEYED BY MCKIM & CREED FOR VERTICAL AND HORIZONTAL CONTROL. BORING LOCATION 3A-B9 REFERENCES THE SR 46 CENTERLINE AND BORING LOCATIONS 3A-B3 AND 3A-B4 REFERENCE THE RAMP XX CENTERLINE.

SPLIT SPOON SAMPLER: AVERAGE HAMMER DROP: 30 IN.
 INSIDE DIAMETER: 1.375 IN. HAMMER WEIGHT: 140 LBS.
 OUTSIDE DIAMETER: 2.0 IN. HAMMER TYPE: SAFETY (MANUAL)

CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

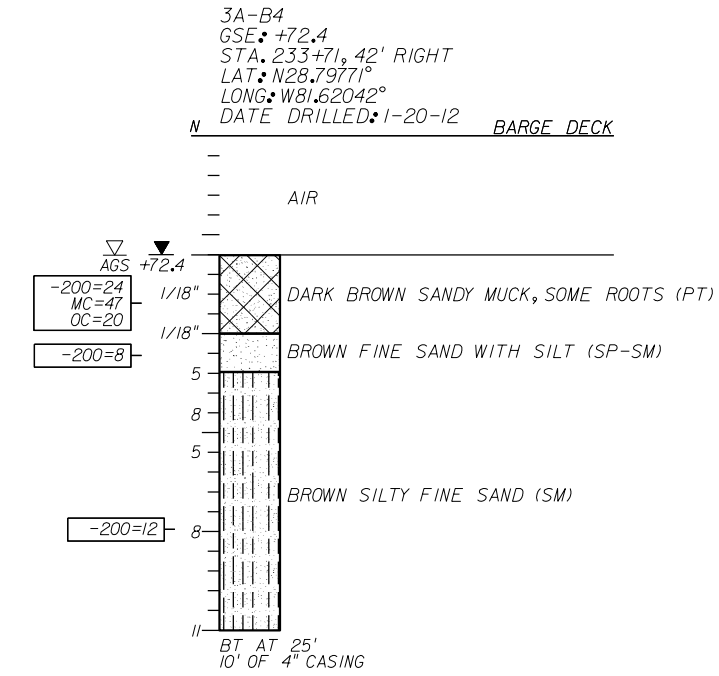
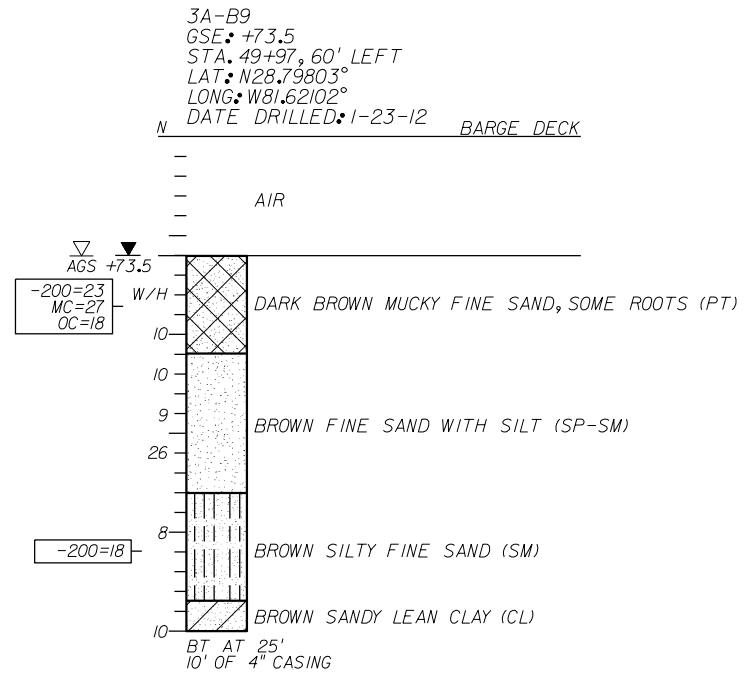
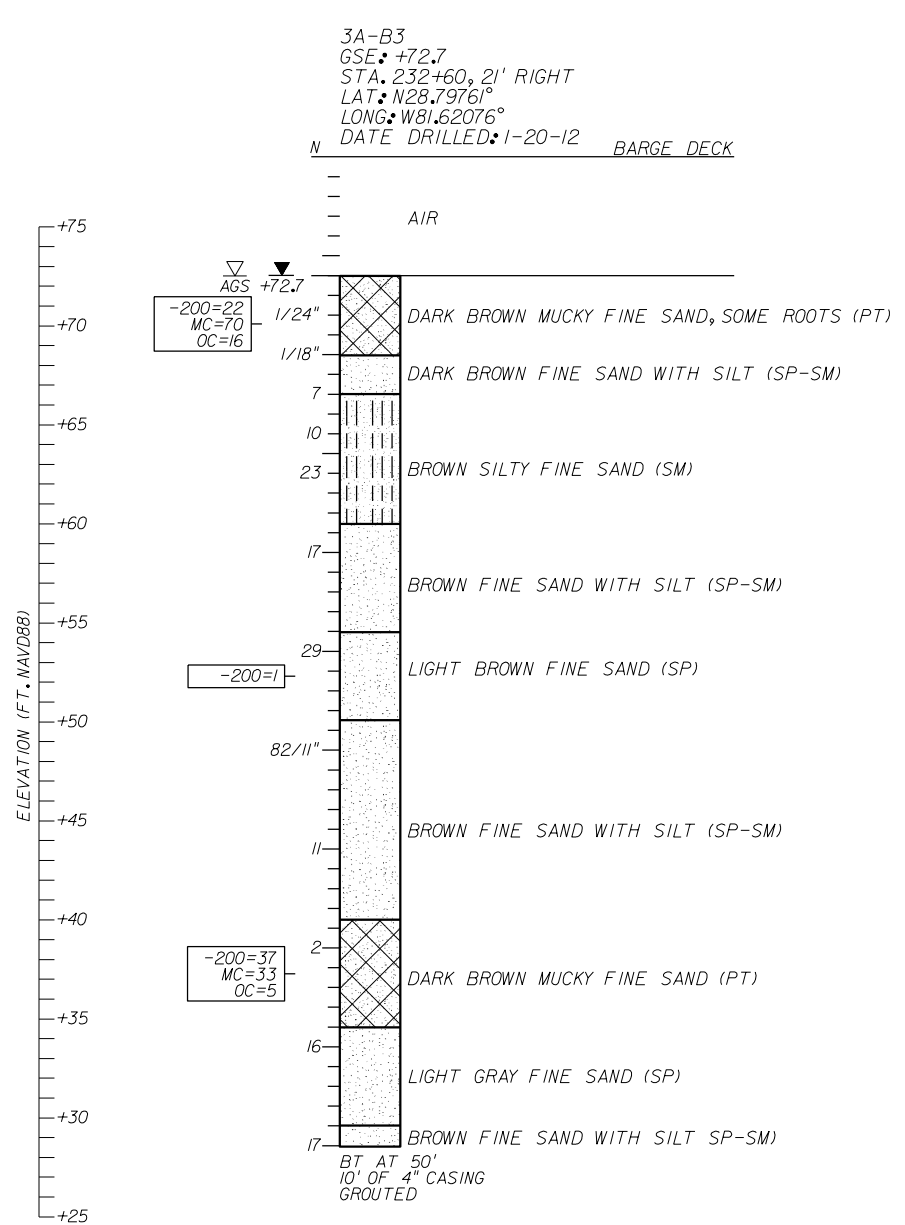
GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-4	VERY LOOSE
	4-10	LOOSE
	10-30	MEDIUM DENSE
	30-50	DENSE
	OVER 50	VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-2	VERY SOFT
	2-4	SOFT
	4-8	FIRM
	8-15	STIFF
	15-30	VERY STIFF
	OVER 30	HARD

SECTION: 33
 TOWNSHIP: 19 SOUTH
 RANGE: 27 EAST

FIGURE 14

REVISIONS				GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC) 919 Lake Baldwin Lane Orlando, FL 32814 T 407-898-1818 F 407-898-1837 Certificate of Authorization No. 5882 CRAIG G. BALLOCK PE NO. 71571	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY SPT BORING RESULTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 46	LAKE		238275-2-52-02

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND

▽ AGS ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL ABOVE EXISTING GROUND SURFACE
 ▼ +72.7 ENCOUNTERED GROUNDWATER ELEVATION (FT. NAVD88) 24 HRS. AFTER DRILLING BORING
 GSE GROUND SURFACE ELEVATION (FT. NAVD88)
 N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT
 W/H WEIGHT OF HAMMER
 82/11" NUMBER OF BLOWS FOR 11 INCHES OF PENETRATION
 (SP) UNIFIED SOIL CLASSIFICATION SYMBOL
 BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED
 -200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM 1-T 088)
 MC= PERCENT NATURAL MOISTURE CONTENT (FM 1-T 265)
 OC= PERCENT ORGANIC CONTENT (FM 1-T 267)

SOILS LEGEND

SAND SAND AND MUCK
 SAND AND SILT SAND AND CLAY

GENERAL NOTES

STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATIONS WERE SURVEYED BY MCKIM & CREED FOR VERTICAL AND HORIZONTAL CONTROL. BORING LOCATION 3A-B9 REFERENCES THE SR 46 CENTERLINE AND BORING LOCATIONS 3A-B3 AND 3A-B4 REFERENCE THE RAMP XX CENTERLINE.

SPLIT SPOON SAMPLER: AVERAGE HAMMER DROP: 30 IN.
 INSIDE DIAMETER: 1.375 IN. HAMMER WEIGHT: 140 LBS.
 OUTSIDE DIAMETER: 2.0 IN. HAMMER TYPE: SAFETY (MANUAL)

CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-4	VERY LOOSE
	4-10	LOOSE
	10-30	MEDIUM DENSE
	30-50	DENSE
	OVER 50	VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-2	VERY SOFT
	2-4	SOFT
	4-8	FIRM
	8-15	STIFF
	15-30	VERY STIFF
	OVER 30	HARD

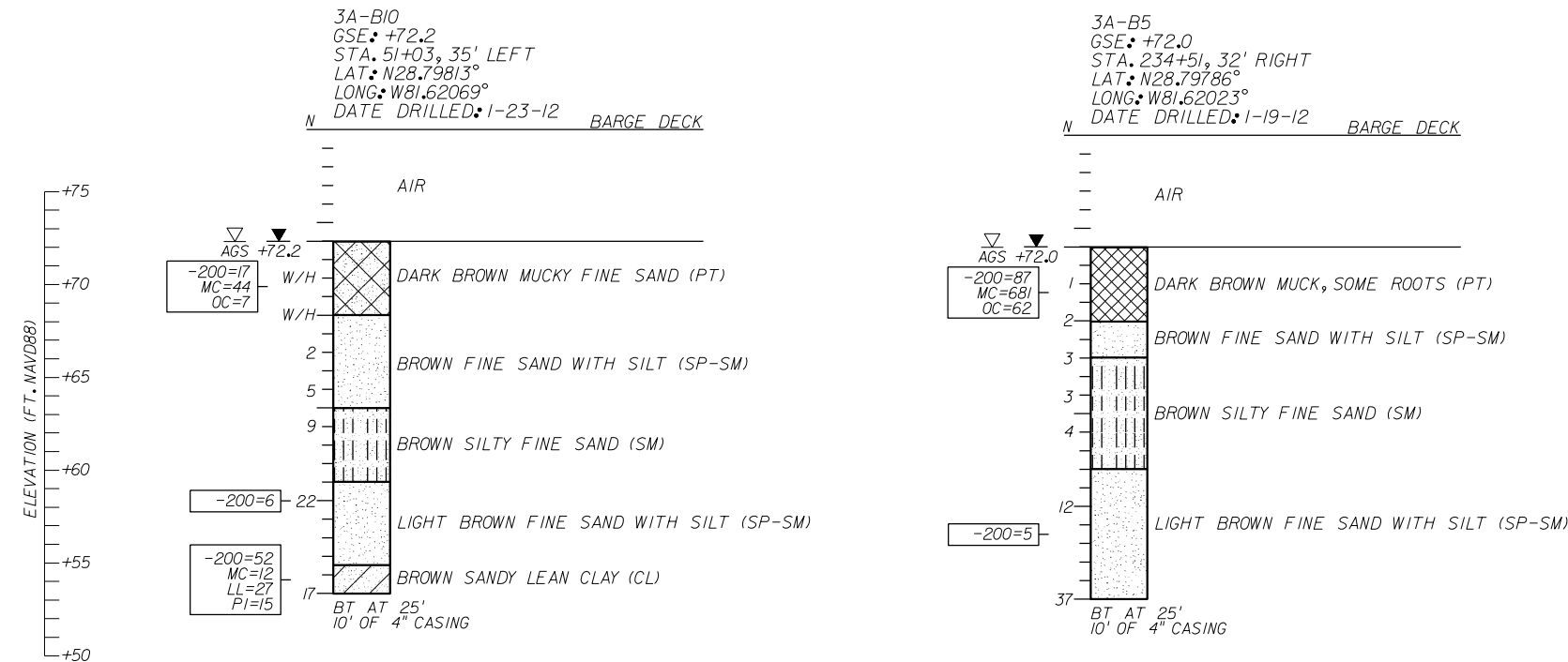
SECTION: 33
 TOWNSHIP: 19 SOUTH
 RANGE: 27 EAST

REVISIONS				GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC) 919 Lake Baldwin Lane Orlando, FL 32814 T 407-898-1818 F 407-898-1837 Certificate of Authorization No. 5882 CRAIG G. BALLOCK PE NO. 71571	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY SPT BORING RESULTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 46	LAKE		238275-2-52-02

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

FIGURE 15

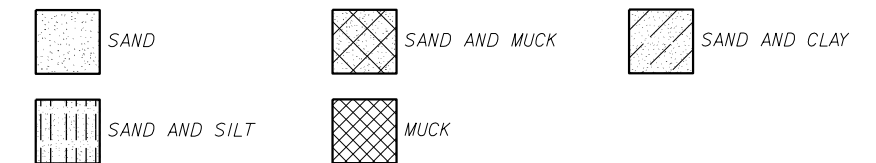
SR 46 / RAMP XX



LEGEND

- ▽ AGS ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL ABOVE EXISTING GROUND SURFACE
- ▼ +72.2 ENCOUNTERED GROUNDWATER ELEVATION (FT. NAVD88) 24 HRS. AFTER DRILLING BORING
- GSE GROUND SURFACE ELEVATION (FT. NAVD88)
- N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT
- W/H WEIGHT OF HAMMER
- (SP) UNIFIED SOIL CLASSIFICATION SYMBOL
- BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED
- 200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM I-T 088)
- MC= PERCENT NATURAL MOISTURE CONTENT (FM I-T 265)
- LL= LIQUID LIMIT (FM I-T 089)
- PI= PLASTICITY INDEX (FM I-T 290)
- OC= PERCENT ORGANIC CONTENT (FM I-T 267)

SOILS LEGEND



GENERAL NOTES

STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATIONS WERE SURVEYED BY MCKIM & CREED FOR VERTICAL AND HORIZONTAL CONTROL. BORING LOCATION 3A-B10 REFERENCES THE SR 46 CENTERLINE AND BORING LOCATION 3A-B5 REFERENCES THE RAMP XX CENTERLINE.

SPLIT SPOON SAMPLER: AVERAGE HAMMER DROP: 30 IN.
 INSIDE DIAMETER: 1.375 IN. HAMMER WEIGHT: 140 LBS.
 OUTSIDE DIAMETER: 2.0 IN. HAMMER TYPE: SAFETY (MANUAL)

CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-4	VERY LOOSE
	4-10	LOOSE
	10-30	MEDIUM DENSE
	30-50	DENSE
	OVER 50	VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-2	VERY SOFT
	2-4	SOFT
	4-8	FIRM
	8-15	STIFF
	15-30	VERY STIFF
	OVER 30	HARD

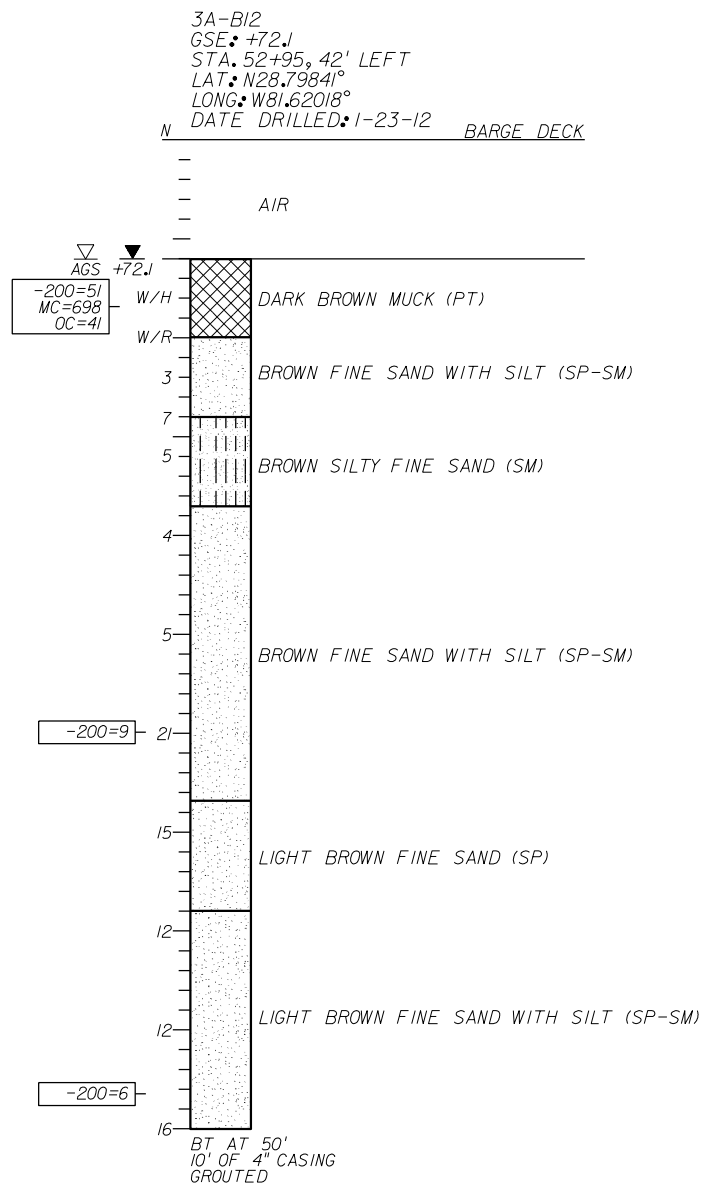
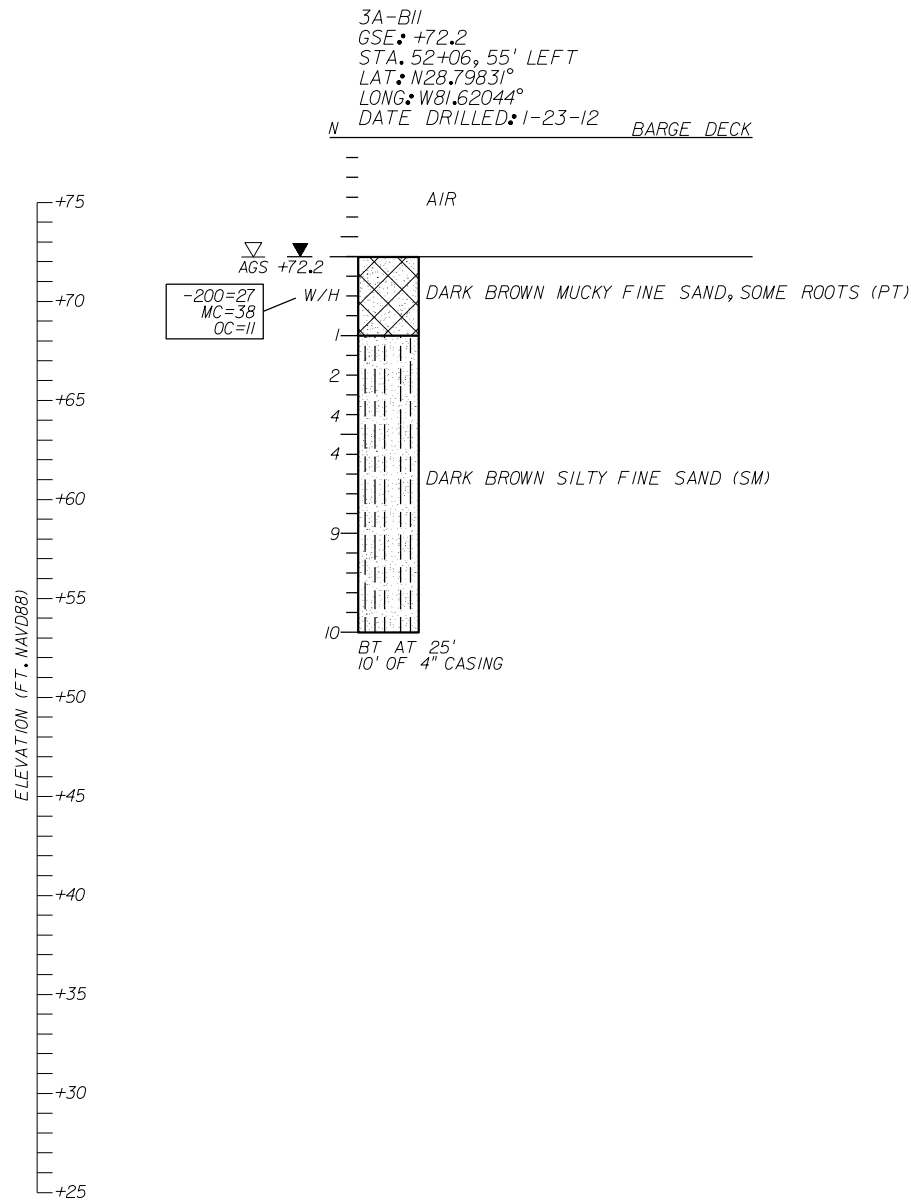
SECTION: 33
 TOWNSHIP: 19 SOUTH
 RANGE: 27 EAST

FIGURE 16

REVISIONS				GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC) 919 Lake Baldwin Lane Orlando, FL 32814 T 407-898-1818 F 407-898-1837 Certificate of Authorization No. 5882 CRAIG G. BALLOCK PE NO. 71571	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY SPT BORING RESULTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 46	LAKE		238275-2-52-02

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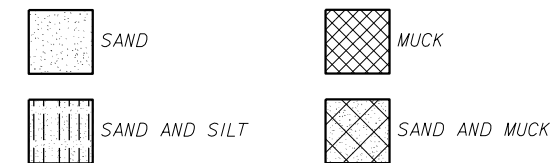
SR 46



LEGEND

- ▽ AGS ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL ABOVE EXISTING GROUND SURFACE
- ▼ +72.2 ENCOUNTERED GROUNDWATER ELEVATION (FT. NAVD88) 24 HRS. AFTER DRILLING BORING
- GSE GROUND SURFACE ELEVATION (FT. NAVD88)
- N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT
- W/R WEIGHT OF ROD
- W/H WEIGHT OF HAMMER
- (SP) UNIFIED SOIL CLASSIFICATION SYMBOL
- BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED
- 200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM 1-T 088)
- MC= PERCENT NATURAL MOISTURE CONTENT (FM 1-T 265)
- OC= PERCENT ORGANIC CONTENT (FM 1-T 267)

SOILS LEGEND



GENERAL NOTES

STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATIONS WERE SURVEYED BY MCKIM & CREED FOR VERTICAL AND HORIZONTAL CONTROL. BORING LOCATIONS REFERENCE THE SR 46 CENTERLINE.

SPLIT SPOON SAMPLER: AVERAGE HAMMER DROP: 30 IN.
 INSIDE DIAMETER: 1.375 IN. HAMMER WEIGHT: 140 LBS.
 OUTSIDE DIAMETER: 2.0 IN. HAMMER TYPE: SAFETY (MANUAL)

CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

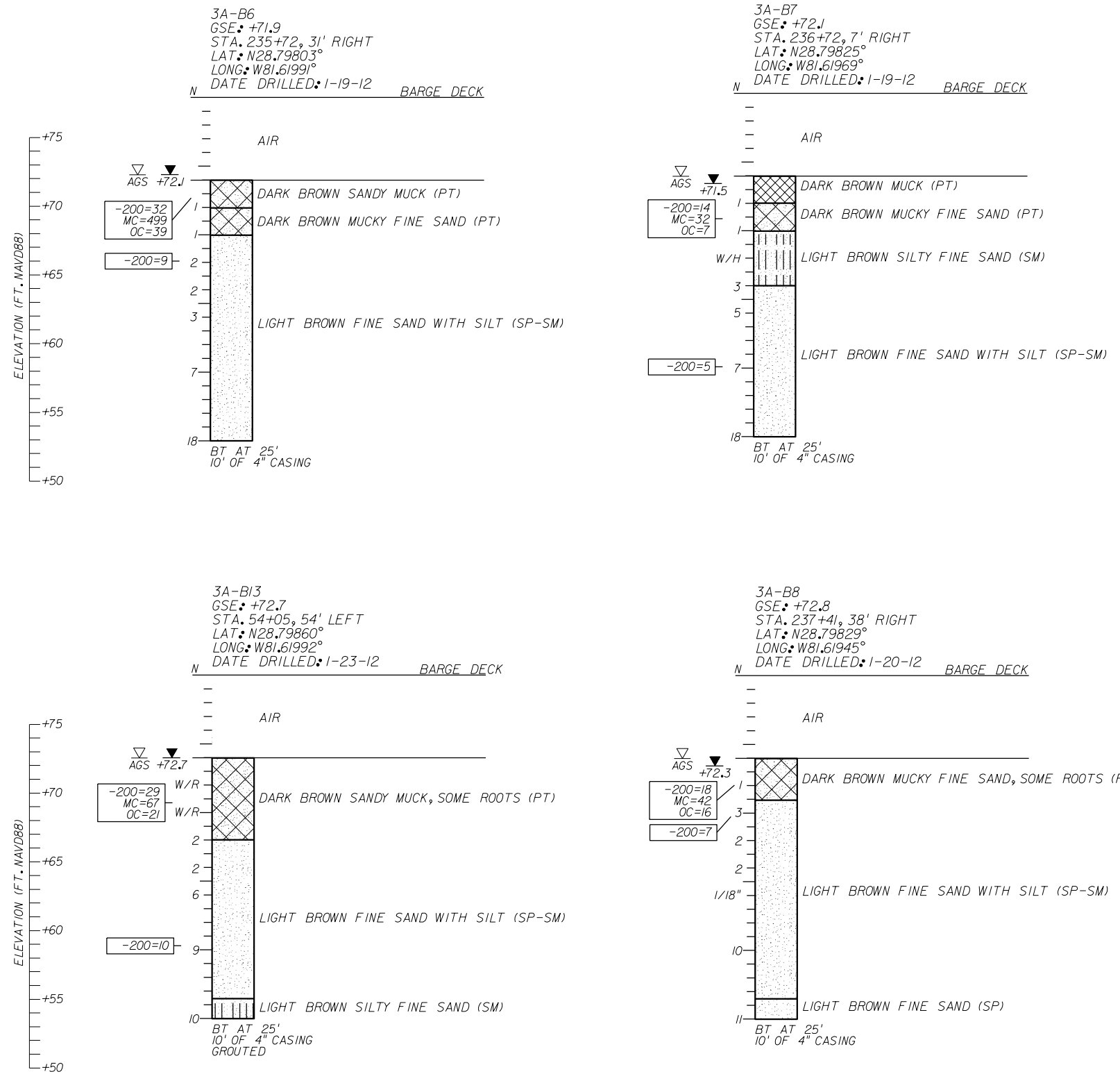
GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-4	VERY LOOSE
	4-10	LOOSE
	10-30	MEDIUM DENSE
	30-50	DENSE
	OVER 50	VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-2	VERY SOFT
	2-4	SOFT
	4-8	FIRM
	8-15	STIFF
	15-30	VERY STIFF
	OVER 30	HARD

SECTION: 33
 TOWNSHIP: 19 SOUTH
 RANGE: 27 EAST

FIGURE 17

REVISIONS				GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC) 919 Lake Baldwin Lane Orlando, FL 32814 T 407-898-1818 F 407-898-1837 Certificate of Authorization No. 5882 CRAIG G. BALLOCK PE NO. 71571	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY SPT BORING RESULTS	SHEET NO.
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						SR 46	LAKE		238275-2-52-02

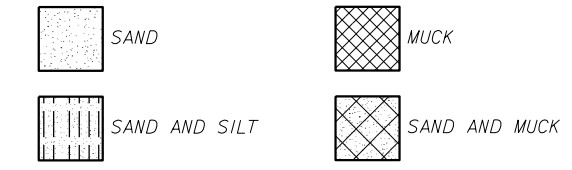
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LEGEND

- ▽ AGS ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL ABOVE EXISTING GROUND SURFACE
- ▽ +72.J ENCOUNTERED GROUNDWATER ELEVATION (FT. NAVD88) 24 HRS. AFTER DRILLING BORING
- GSE GROUND SURFACE ELEVATION (FT. NAVD88)
- N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT
- 1/18" NUMBER OF BLOWS FOR 18 INCHES OF PENETRATION
- W/R WEIGHT OF ROD
- W/H WEIGHT OF HAMMER
- (SP) UNIFIED SOIL CLASSIFICATION SYMBOL
- BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED
- 200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM 1-T 088)
- MC= PERCENT NATURAL MOISTURE CONTENT (FM 1-T 265)
- OC= PERCENT ORGANIC CONTENT (FM 1-T 267)

SOILS LEGEND



GENERAL NOTES

- STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.
- SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.
- THE BORING LOCATIONS WERE SURVEYED BY MCKIM & CREED FOR VERTICAL AND HORIZONTAL CONTROL. BORING LOCATION 3A-B13 REFERENCES THE SR 46 CENTERLINE AND BORING LOCATIONS 3A-B6, 3A-B7 AND 3A-B8 REFERENCE THE RAMP XX CENTERLINE.
- SPLIT SPOON SAMPLER: INSIDE DIAMETER: 1.375 IN. OUTSIDE DIAMETER: 2.0 IN.
- AVERAGE HAMMER DROP: 30 IN. HAMMER WEIGHT: 140 LBS. HAMMER TYPE: SAFETY (MANUAL)

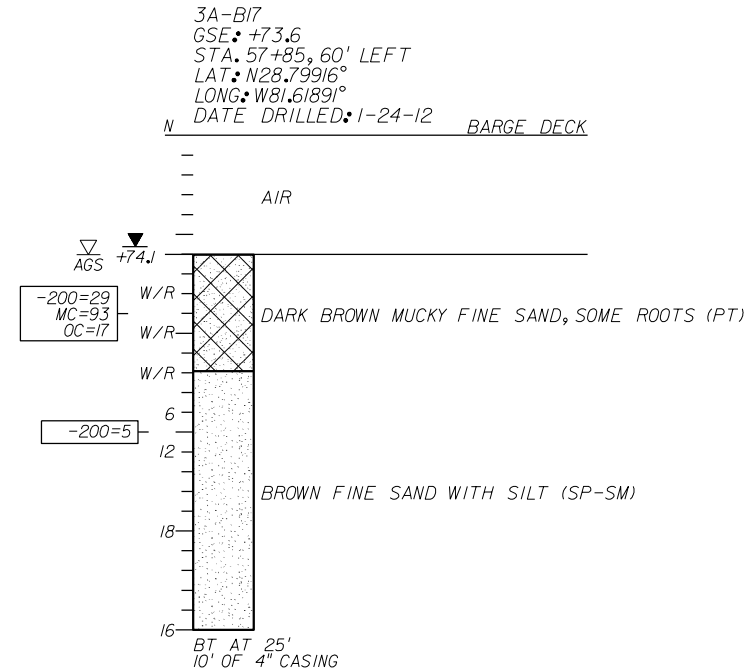
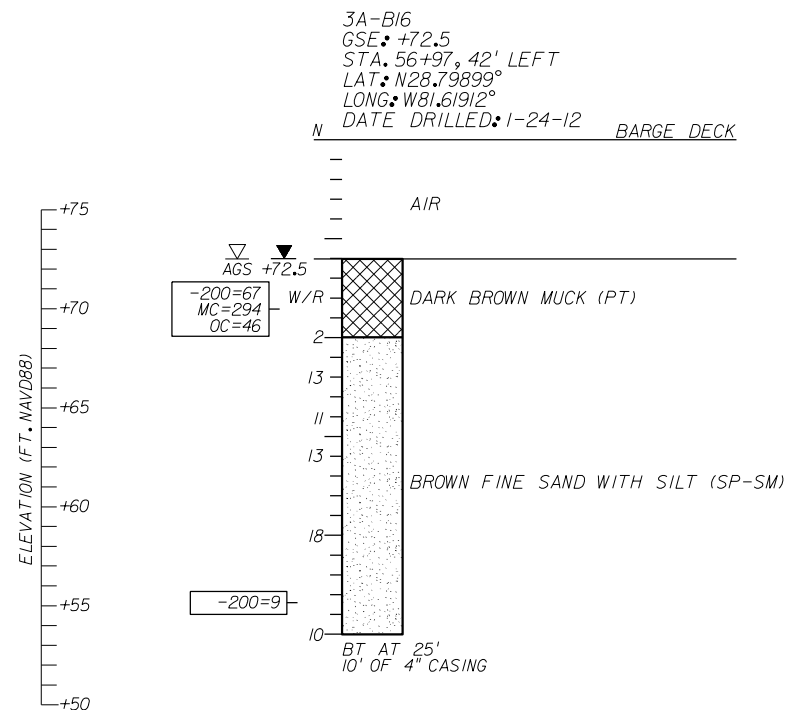
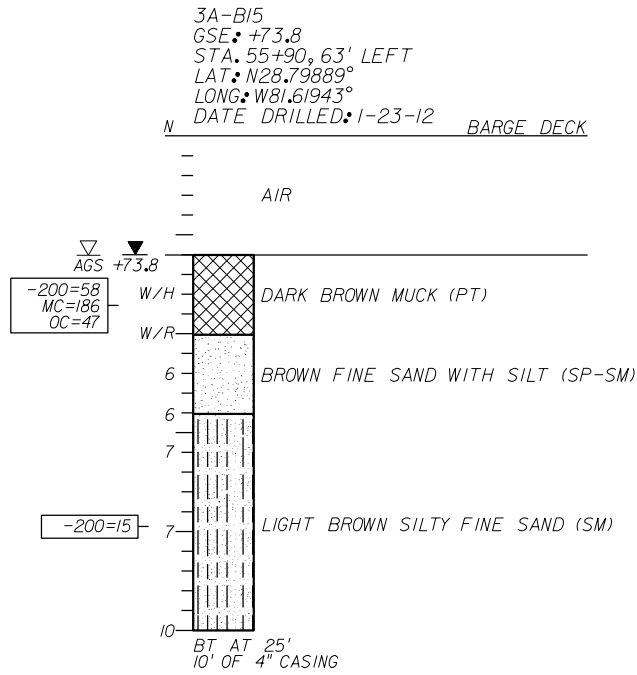
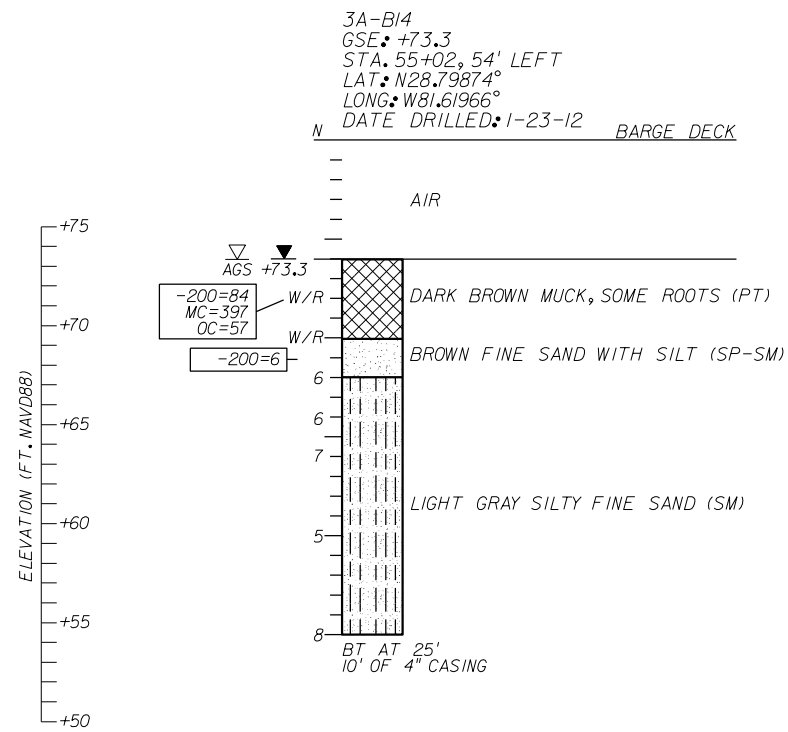
CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-4	VERY LOOSE
	4-10	LOOSE
	10-30	MEDIUM DENSE
	30-50	DENSE
	OVER 50	VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-2	VERY SOFT
	2-4	SOFT
	4-8	FIRM
	8-15	STIFF
	15-30	VERY STIFF
	OVER 30	HARD

SECTION: 33
TOWNSHIP: 19 SOUTH
RANGE: 27 EAST

REVISIONS				GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC) 919 Lake Baldwin Lane Orlando, FL 32814 T 407-898-1818 F 407-898-1837 Certificate of Authorization No. 5882 CRAIG G. BALLOCK PE NO. 71571	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY SPT BORING RESULTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 46	LAKE		238275-2-52-02

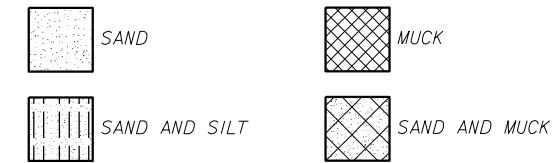
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND

- ▽ AGS ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL ABOVE EXISTING GROUND SURFACE
- ▼ ENCOUNTERED GROUNDWATER ELEVATION (FT., NAVD88) 24 HRS. AFTER DRILLING BORING
- +73.3 GSE GROUND SURFACE ELEVATION (FT., NAVD88)
- N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT
- W/H WEIGHT OF HAMMER
- W/R WEIGHT OF ROD
- (SP) UNIFIED SOIL CLASSIFICATION SYMBOL
- BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED
- 200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM 1-T 088)
- MC= PERCENT NATURAL MOISTURE CONTENT (FM 1-T 265)
- OC= PERCENT ORGANIC CONTENT (FM 1-T 267)

SOILS LEGEND



GENERAL NOTES

STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATIONS WERE SURVEYED BY MCKIM & CREED FOR VERTICAL AND HORIZONTAL CONTROL. BORING LOCATIONS REFERENCE THE SR 46 CENTERLINE.

SPLIT SPOON SAMPLER: AVERAGE HAMMER DROP: 30 IN.
 INSIDE DIAMETER: 1.375 IN. HAMMER WEIGHT: 140 LBS.
 OUTSIDE DIAMETER: 2.0 IN. HAMMER TYPE: SAFETY (MANUAL)

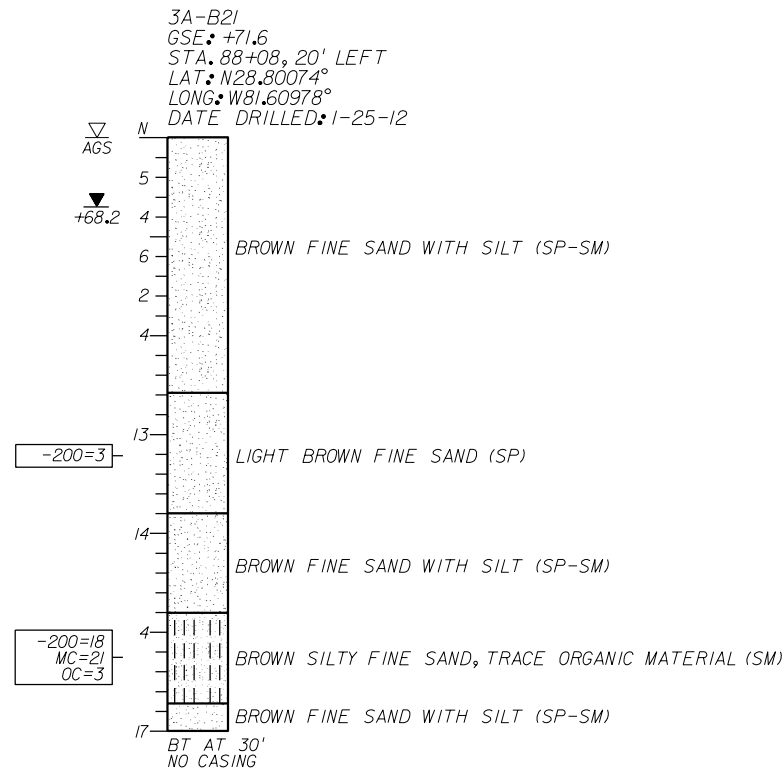
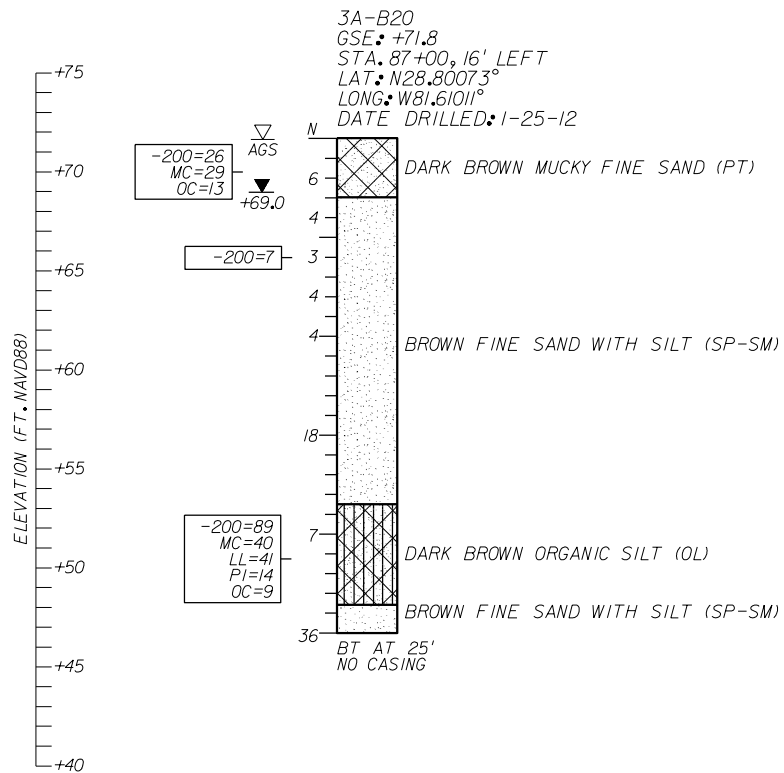
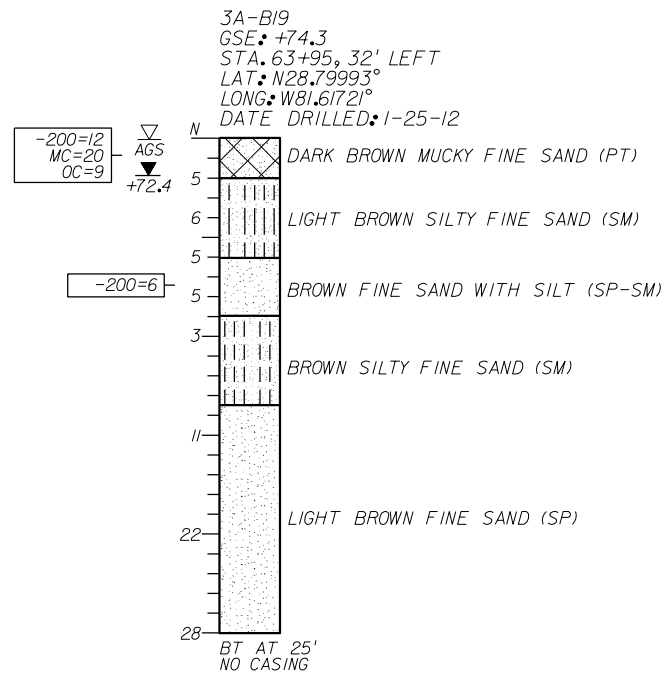
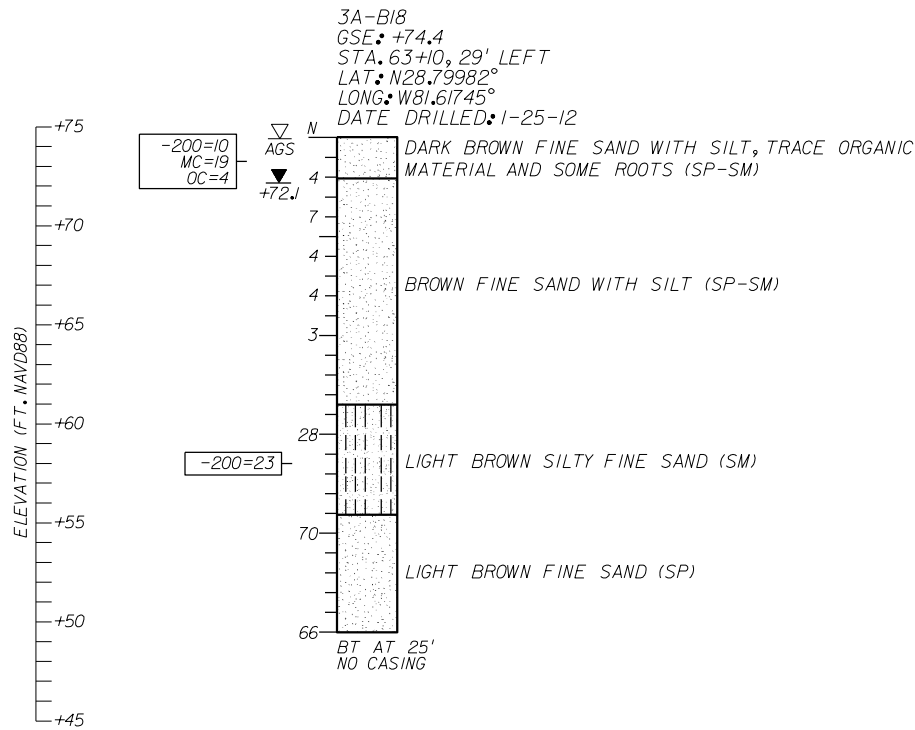
CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-4	VERY LOOSE
	4-10	LOOSE
	10-30	MEDIUM DENSE
	30-50	DENSE
	OVER 50	VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-2	VERY SOFT
	2-4	SOFT
	4-8	FIRM
	8-15	STIFF
	15-30	VERY STIFF
	OVER 30	HARD

SECTION: 33
 TOWNSHIP: 19 SOUTH
 RANGE: 27 EAST

REVISIONS				GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC) 919 Lake Baldwin Lane Orlando, FL 32814 T 407-898-1818 F 407-898-1837 Certificate of Authorization No. 5882 CRAIG G. BALLOCK PE NO. 71571	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY SPT BORING RESULTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 46	LAKE		238275-2-52-02

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND

AGS ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL ABOVE EXISTING GROUND SURFACE
 +72.2 ENCOUNTERED GROUNDWATER ELEVATION (FT. NAVD88) 24 HRS. AFTER DRILLING BORING
 GSE GROUND SURFACE ELEVATION (FT. NAVD88)
 N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT
 (SP) UNIFIED SOIL CLASSIFICATION SYMBOL
 BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED
 -200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM I-T 088)
 MC= PERCENT NATURAL MOISTURE CONTENT (FM I-T 265)
 LL= LIQUID LIMIT (FM I-T 089)
 PI= PLASTICITY INDEX (FM I-T 090)
 OC= PERCENT ORGANIC CONTENT (FM I-T 267)

SOILS LEGEND

SAND SAND AND MUCK
 SAND AND SILT ORGANIC SILT

GENERAL NOTES

STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATIONS WERE SURVEYED BY MCKIM & CREED FOR VERTICAL AND HORIZONTAL CONTROL. BORING LOCATIONS REFERENCE THE SR 46 CENTERLINE.

SPLIT SPOON SAMPLER: AVERAGE HAMMER DROP: 30 IN.
 INSIDE DIAMETER: 1.375 IN. HAMMER WEIGHT: 140 LBS.
 OUTSIDE DIAMETER: 2.0 IN. HAMMER TYPE: SAFETY (MANUAL)

CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-4	VERY LOOSE
	4-10	LOOSE
	10-30	MEDIUM DENSE
	30-50	DENSE
	OVER 50	VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-2	VERY SOFT
	2-4	SOFT
	4-8	FIRM
	8-15	STIFF
	15-30	VERY STIFF
	OVER 30	HARD

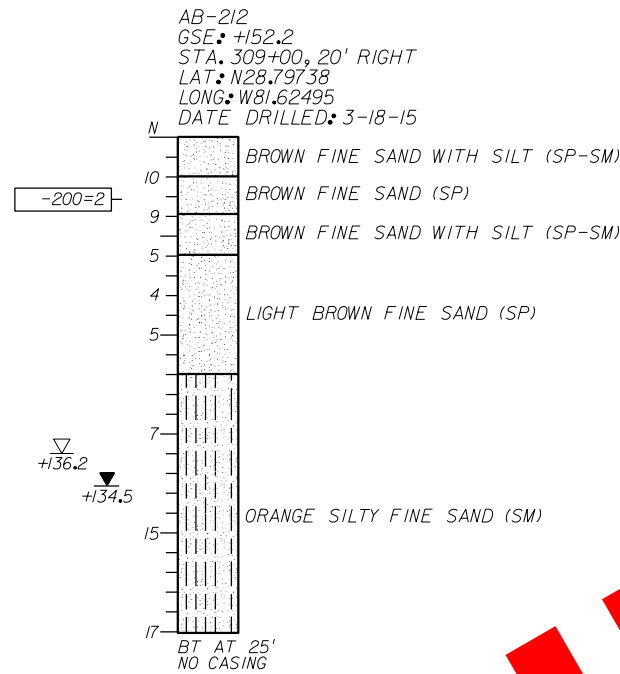
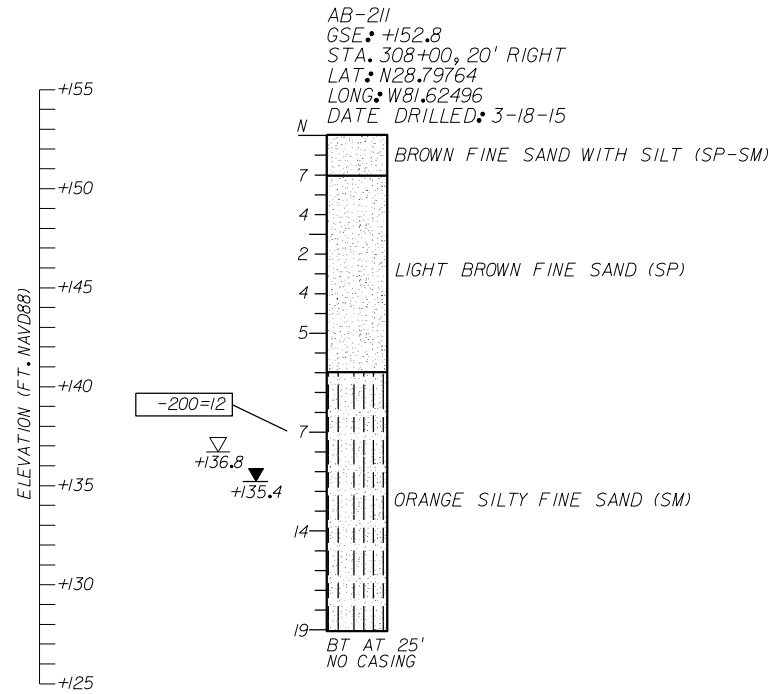
SECTION: 33 (3A-B18 & 3A-B19) / 28 (3A-B20 & 3A-B21)
 TOWNSHIP: 19 SOUTH
 RANGE: 27 EAST

REVISIONS				GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC) 919 Lake Baldwin Lane Orlando, FL 32814 T 407-898-1818 F 407-898-1837 Certificate of Authorization No. 5882 CRAIG G. BALLOCK PE NO. 71571	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY SPT BORING RESULTS	SHEET NO. 183
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 46	LAKE		238275-2-52-02

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

FIGURE 20

RAMP YY



VOID

LEGEND

- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER ELEVATION (FT. NAVD88)
- ▼ ENCOUNTERED GROUNDWATER ELEVATION (FT. NAVD88) 24 HRS. AFTER DRILLING BORING
- GSE GROUND SURFACE ELEVATION (FT. NAVD88)
- N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT
- (SP) UNIFIED SOIL CLASSIFICATION SYMBOL
- BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED
- 200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM 1-T 088)

SOILS LEGEND

- SAND
- SAND AND SILT

GENERAL NOTES

STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATIONS WERE NOT SURVEYED. BORING LOCATIONS WERE ESTABLISHED IN THE FIELD USING A SUB-METER ACCURACY GPS UNIT (TRIMBLE 7X) FOR HORIZONTAL AND VERTICAL CONTROL. GROUND SURFACE ELEVATIONS ESTIMATED FROM PROJECT CROSS SECTIONS. BORING LOCATIONS REFERENCE RAMP YY CENTERLINE.

SPLIT SPOON SAMPLER: AVERAGE HAMMER DROP: 30 IN.
 INSIDE DIAMETER: 1.375 IN. HAMMER WEIGHT: 140 LBS.
 OUTSIDE DIAMETER: 2.0 IN. HAMMER TYPE: AUTOMATIC

CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

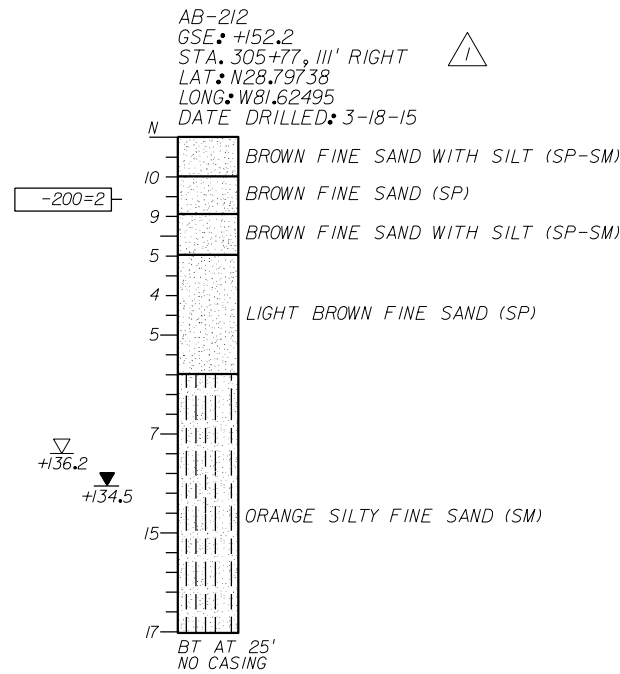
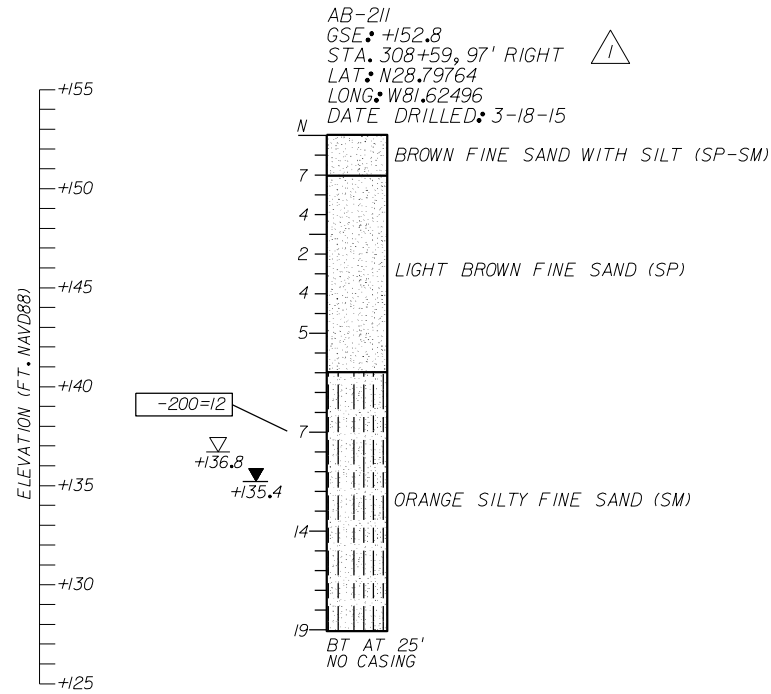
GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-3	VERY LOOSE
	3-8	LOOSE
	8-24	MEDIUM DENSE
	24-40	DENSE
	OVER 40	VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-1	VERY SOFT
	1-3	SOFT
	3-6	FIRM
	6-12	STIFF
	12-24	VERY STIFF
	OVER 24	HARD

FIGURE 21

REVISIONS				GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC) 919 Lake Baldwin Lane Orlando, FL 32814 T 407-898-1818 F 407-898-1837 Certificate of Authorization No. 5882 CRAIG G. BALLOCK P.E. 71571	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY SPT BORING RESULTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		184
					SR 46	LAKE	238275-2-52-02		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

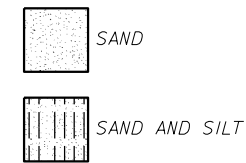
RAMP YY



LEGEND

- ▽ ESTIMATED SEASONAL HIGH GROUNDWATER ELEVATION (FT. NAVD88)
- ▼ ENCOUNTERED GROUNDWATER ELEVATION (FT. NAVD88) 24 HRS. AFTER DRILLING BORING
- GSE GROUND SURFACE ELEVATION (FT. NAVD88)
- N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT
- (SP) UNIFIED SOIL CLASSIFICATION SYMBOL
- BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED
- 200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM 1-T 088)

SOILS LEGEND



GENERAL NOTES

STANDARD PENETRATION TEST BORINGS WERE PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORINGS AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORINGS REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATIONS. ACTUAL CONDITIONS BETWEEN BORINGS MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORINGS ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATIONS WERE NOT SURVEYED. BORING LOCATIONS WERE ESTABLISHED IN THE FIELD USING A SUB-METER ACCURACY GPS UNIT (TRIMBLE 7X) FOR HORIZONTAL AND VERTICAL CONTROL. GROUND SURFACE ELEVATIONS ESTIMATED FROM PROJECT CROSS SECTIONS. BORING LOCATIONS REFERENCE RAMP YY CENTERLINE.

SPLIT SPOON SAMPLER: AVERAGE HAMMER DROP: 30 IN.
 INSIDE DIAMETER: 1.375 IN. HAMMER WEIGHT: 140 LBS.
 OUTSIDE DIAMETER: 2.0 IN. HAMMER TYPE: AUTOMATIC

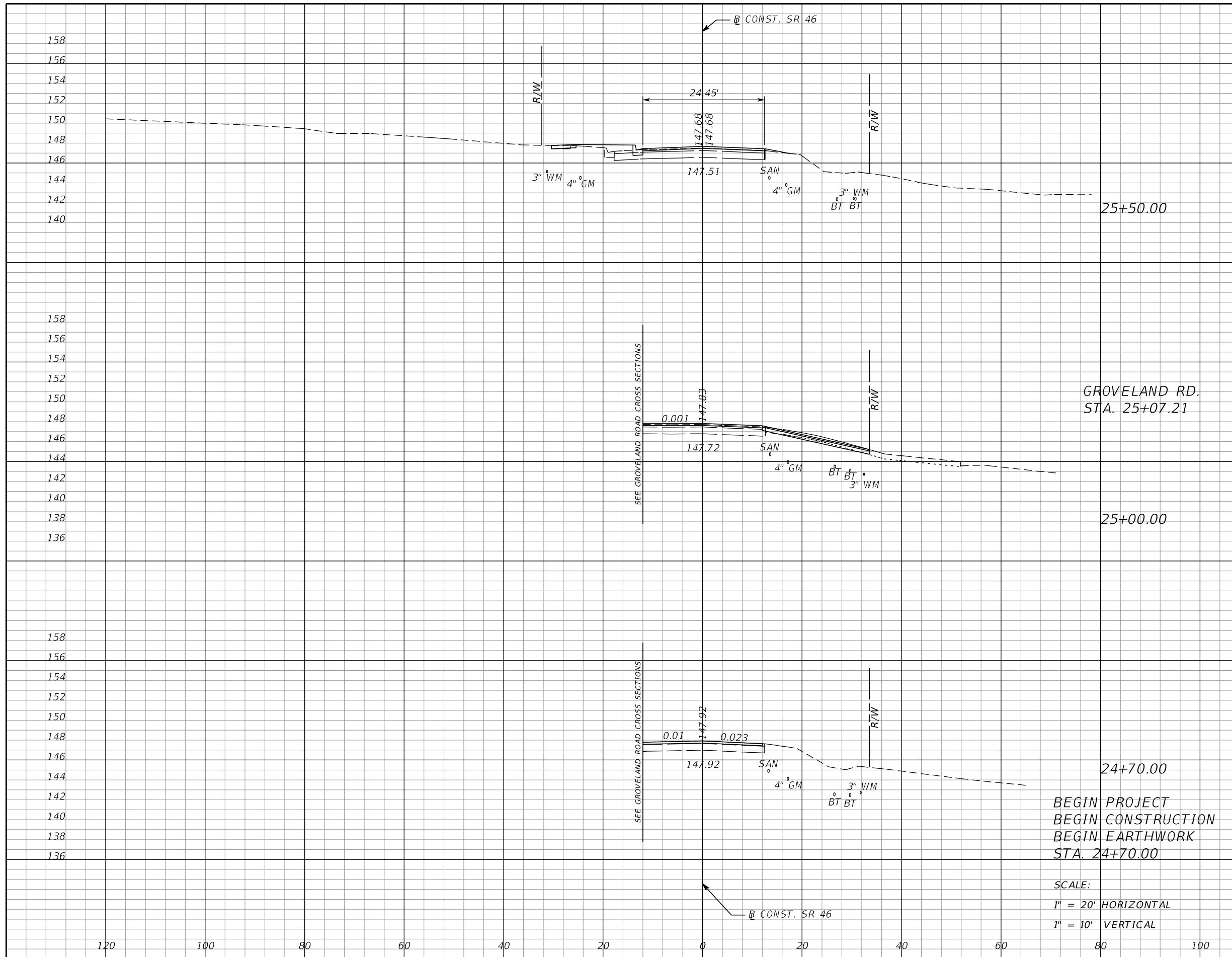
CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

GRANULAR SOILS	N VALUE (blows per foot)	RELATIVE DENSITY
SANDS	0-3	VERY LOOSE
	3-8	LOOSE
	8-24	MEDIUM DENSE
	24-40	DENSE
	OVER 40	VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows per foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-1	VERY SOFT
	1-3	SOFT
	3-6	FIRM
	6-12	STIFF
	12-24	VERY STIFF
	OVER 24	HARD

FIGURE 21

REVISIONS				GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. (GEC) 919 Lake Baldwin Lane Orlando, FL 32814 T 407-898-1818 F 407-898-1837 Certificate of Authorization No. 5882 CRAIG G. BALLOCK P.E. 71571	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY SPT BORING RESULTS	SHEET NO. 184
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
5-17-17	1 UPDATED STATION AND OFFSET				SR 46	LAKE	238275-2-52-02		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		3		5	
	0		15		5
0		13		0	
	0		7		0
0		0		0	
	0		0		0

BEGIN PROJECT
 BEGIN CONSTRUCTION
 BEGIN EARTHWORK
 STA. 24+70.00

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

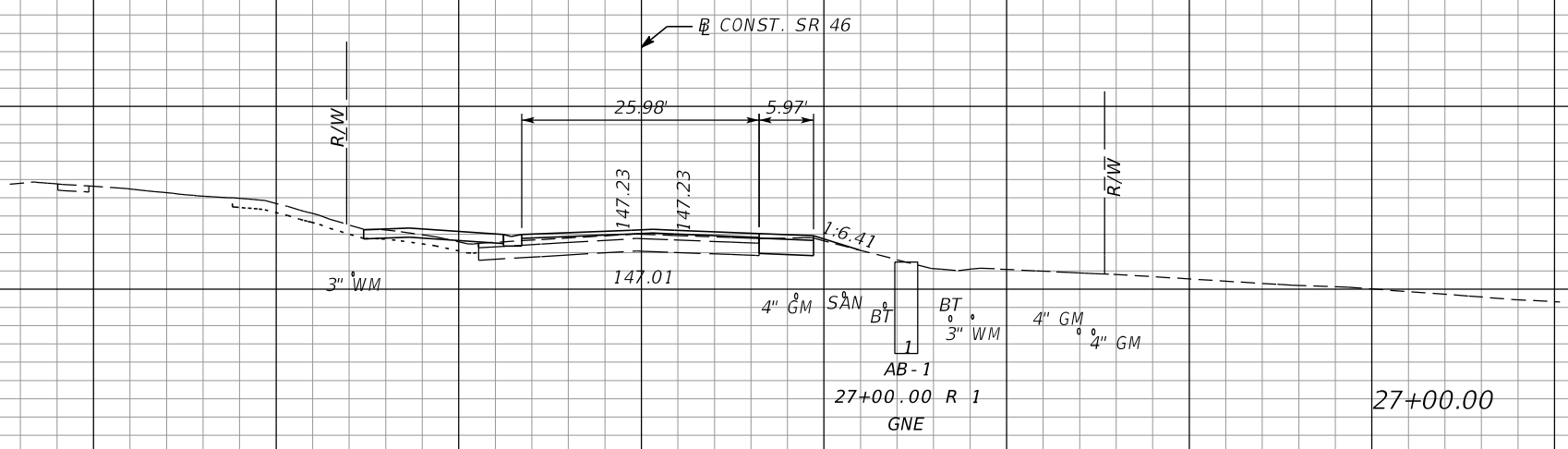
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
185

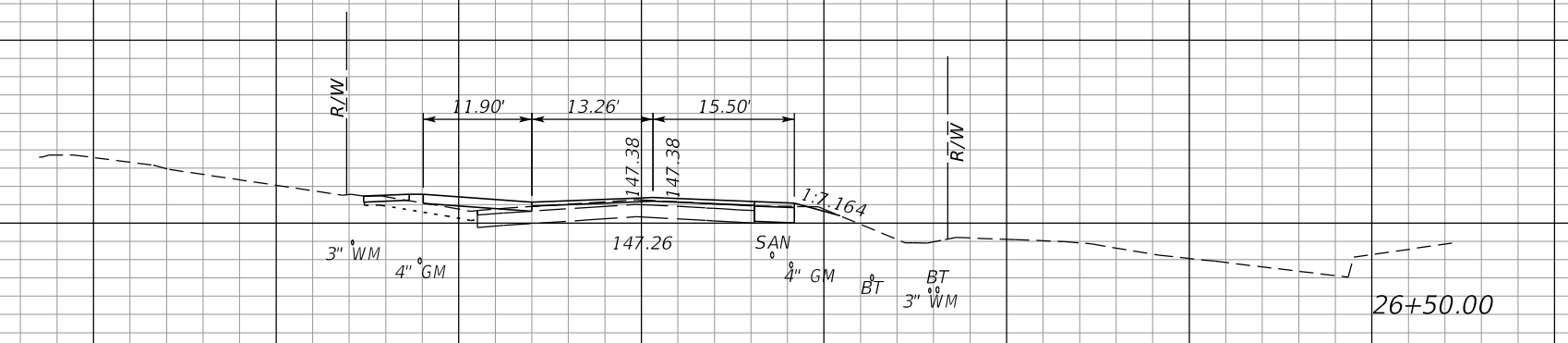
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

158
156
154
152
150
148
146
144
142
140
138
136



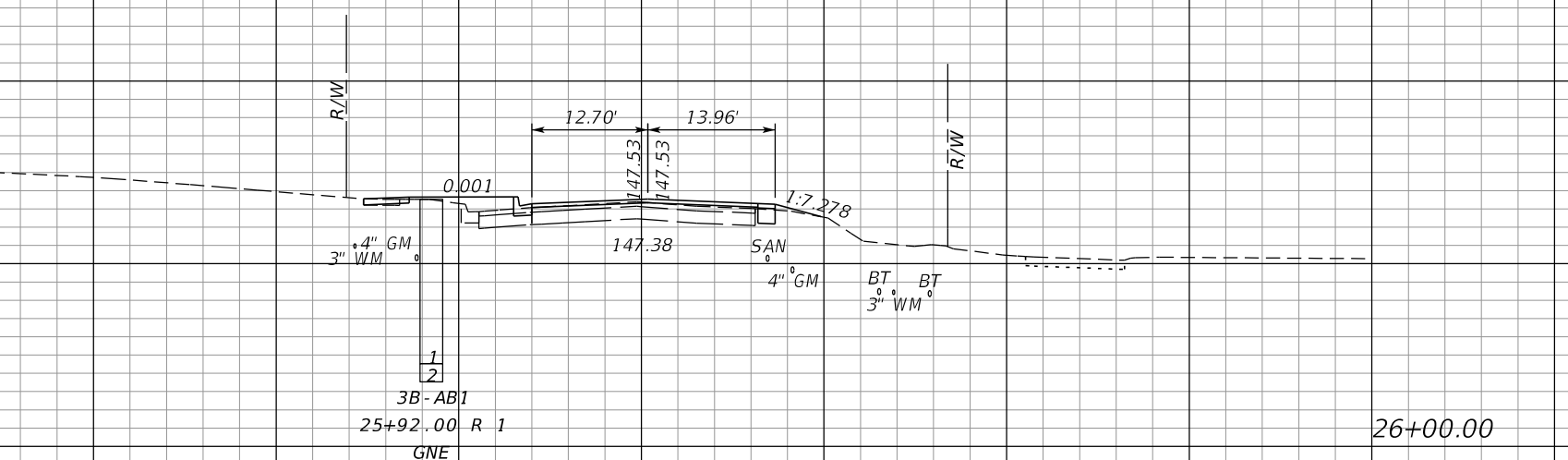
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		9		1	
	0		14		3

158
156
154
152
150
148
146
144
142
140



0		6		2	
	0		9		7

158
156
154
152
150
148
146
144
142
140
138
136
134



0		4		6	
	0		6		10

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

120 100 80 60 40 20 0 20 40 60 80 100

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

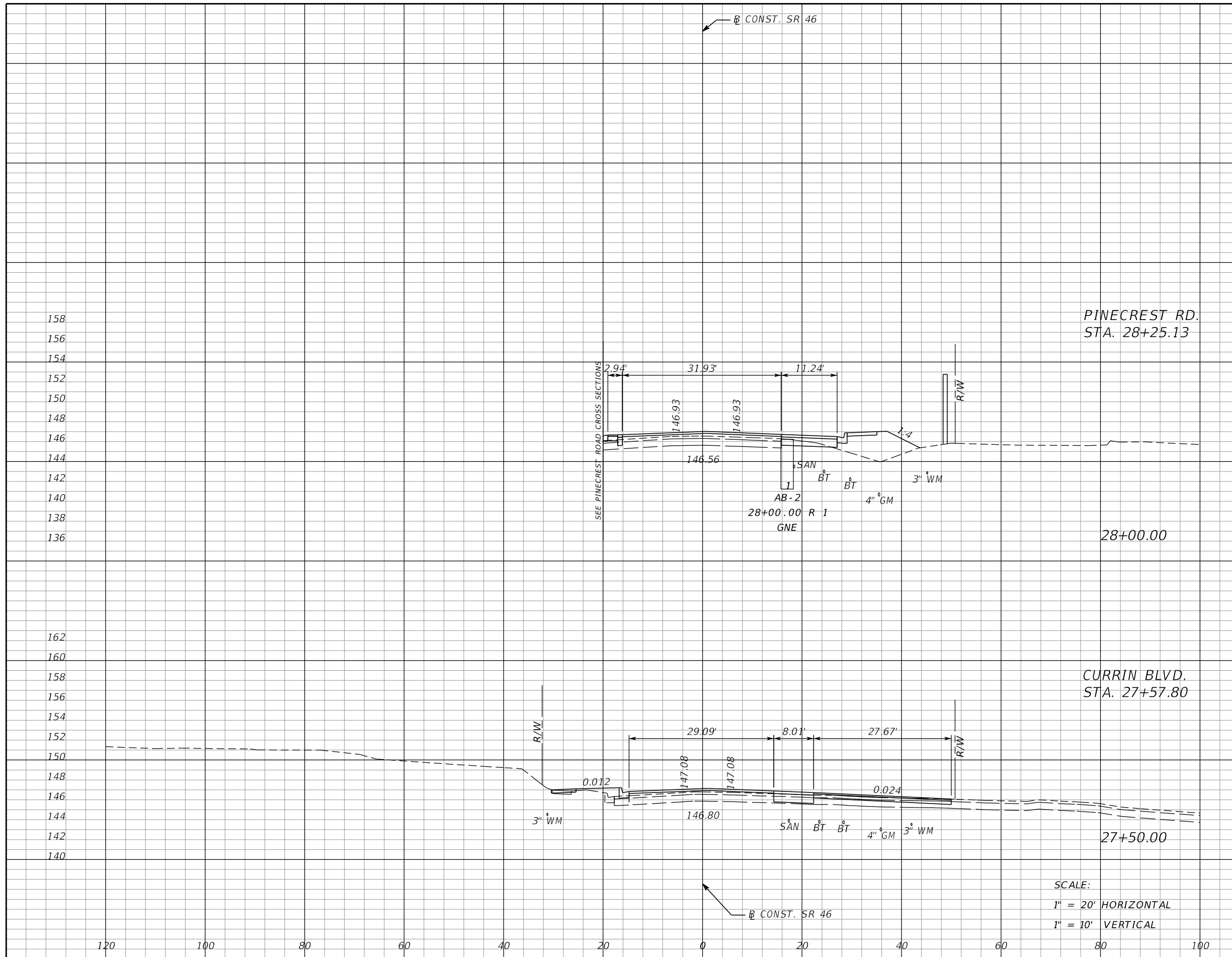
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
186

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	5	22	29	31
0	0	19	26	4	5

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

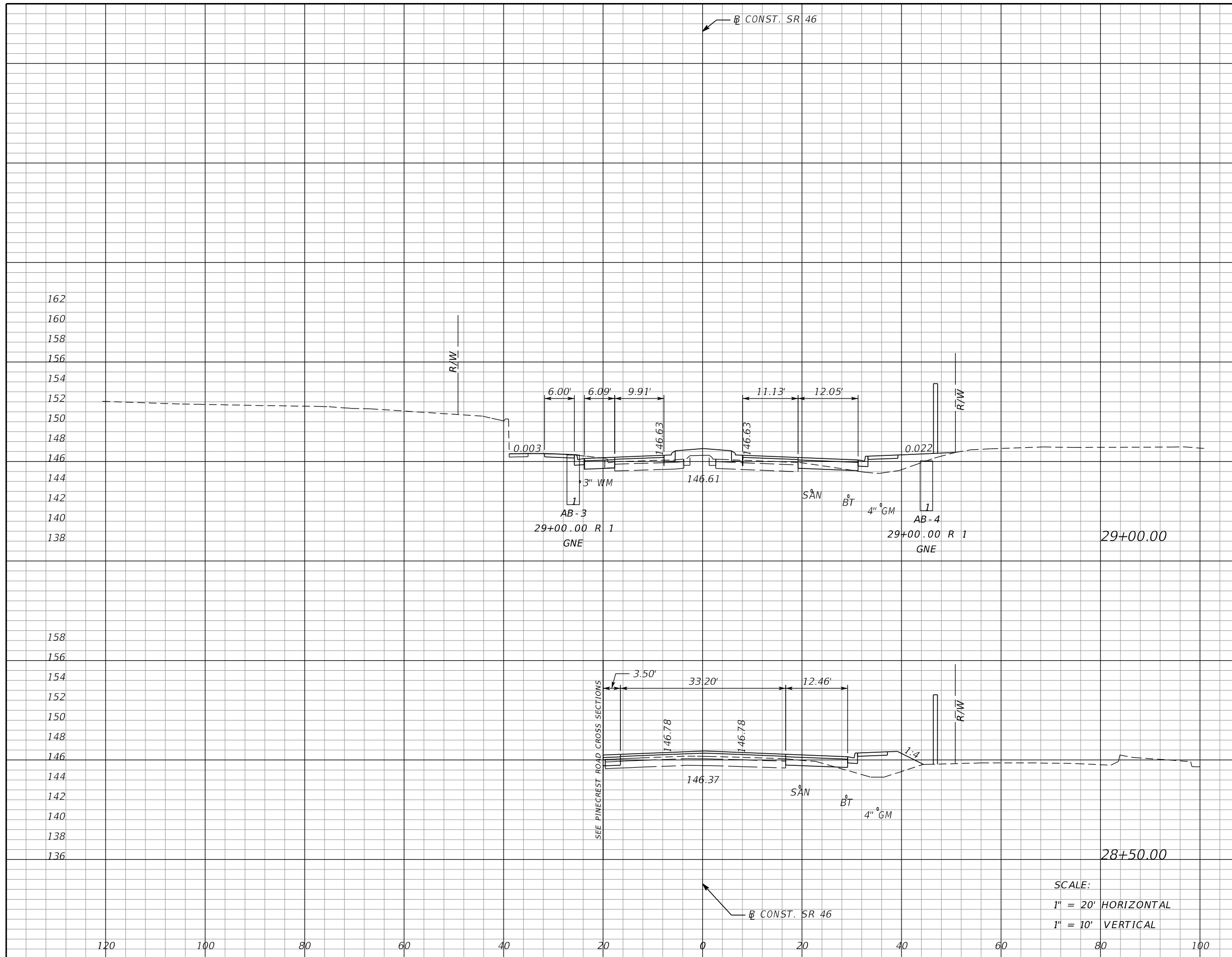
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
187

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	14	19	27	48
0	0	6	10	25	50

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

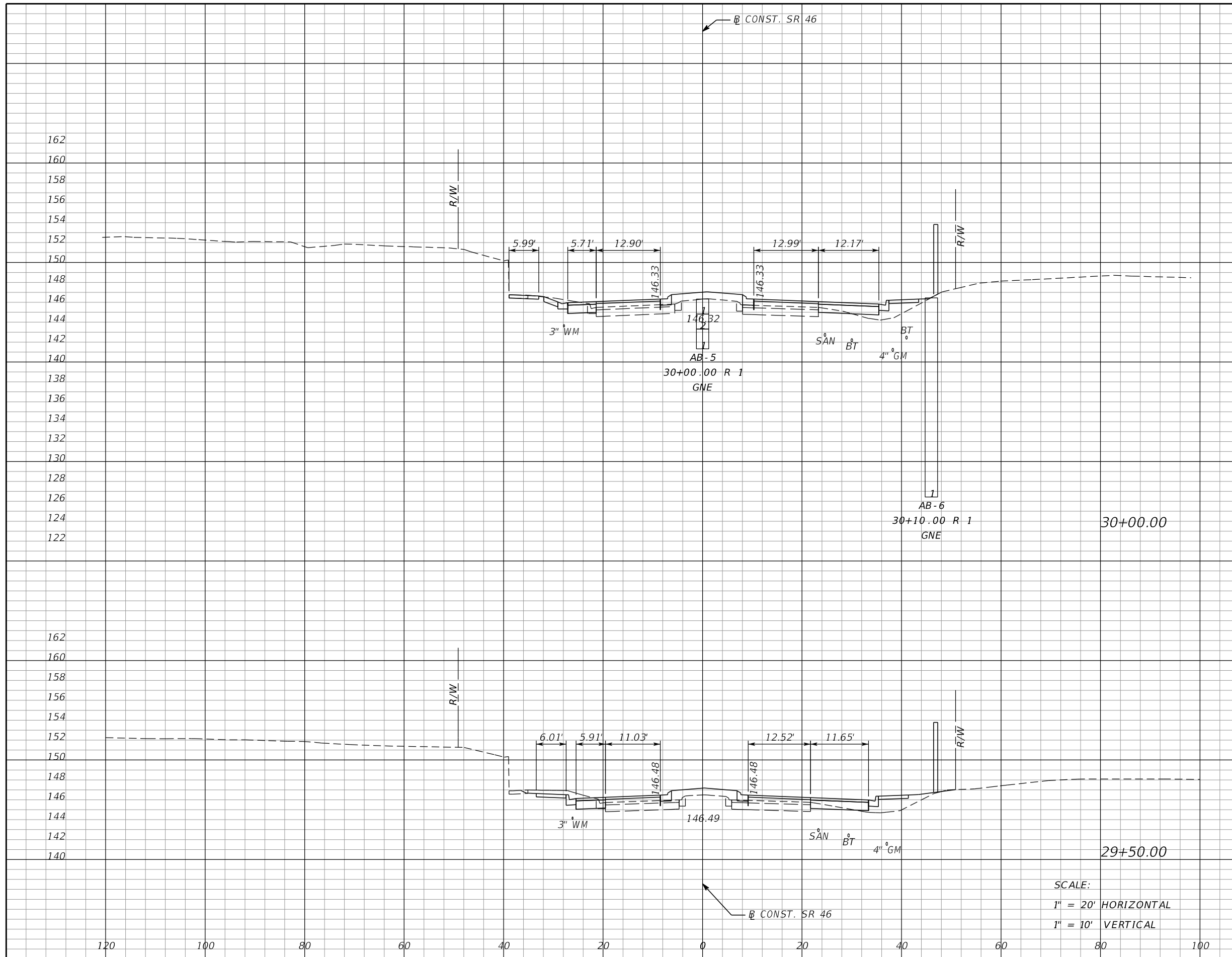
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
188

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	13	28	20	39
0	0	17	29	22	45

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

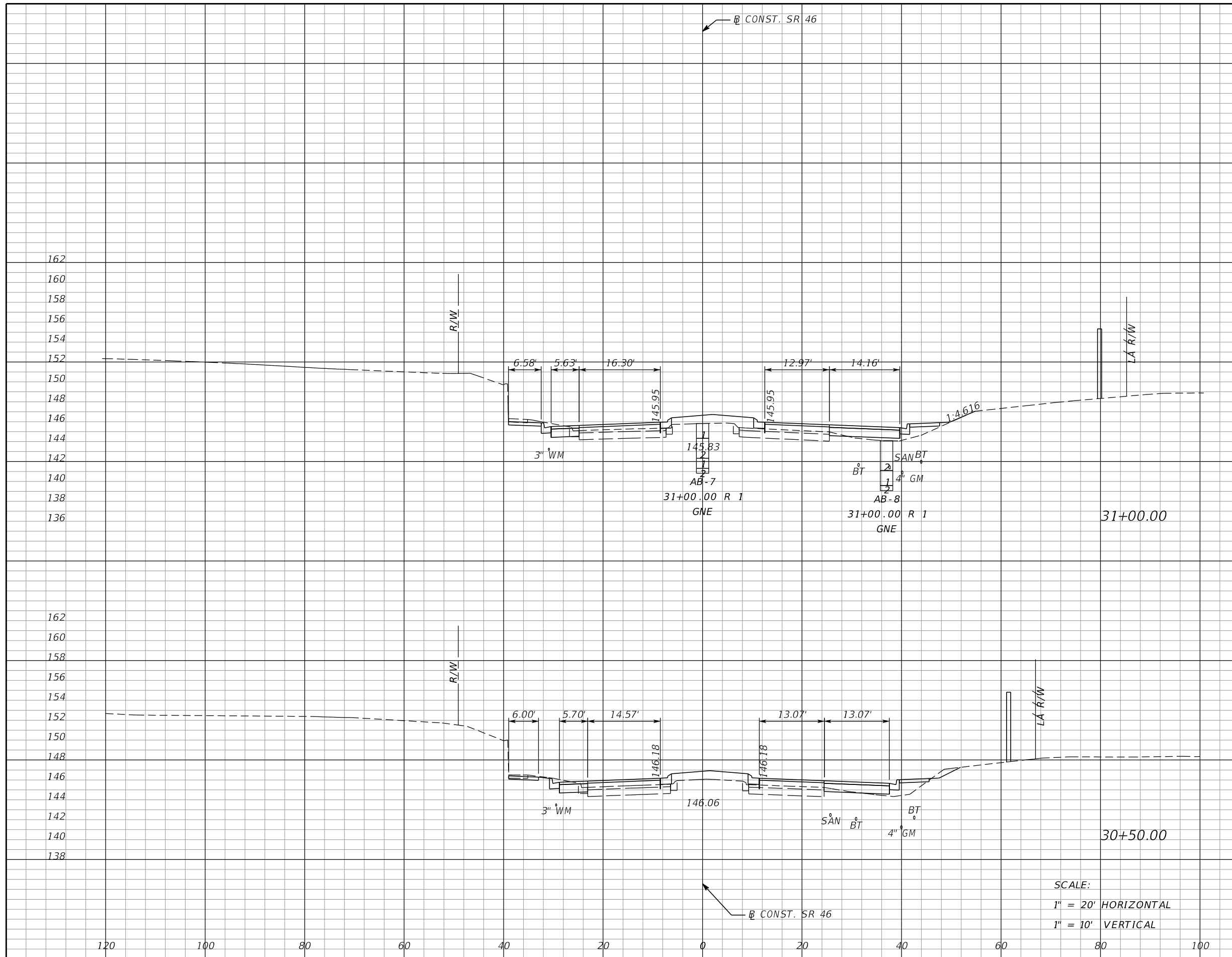
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
189

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	13	25	22	38
0	0	14	25	19	36

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

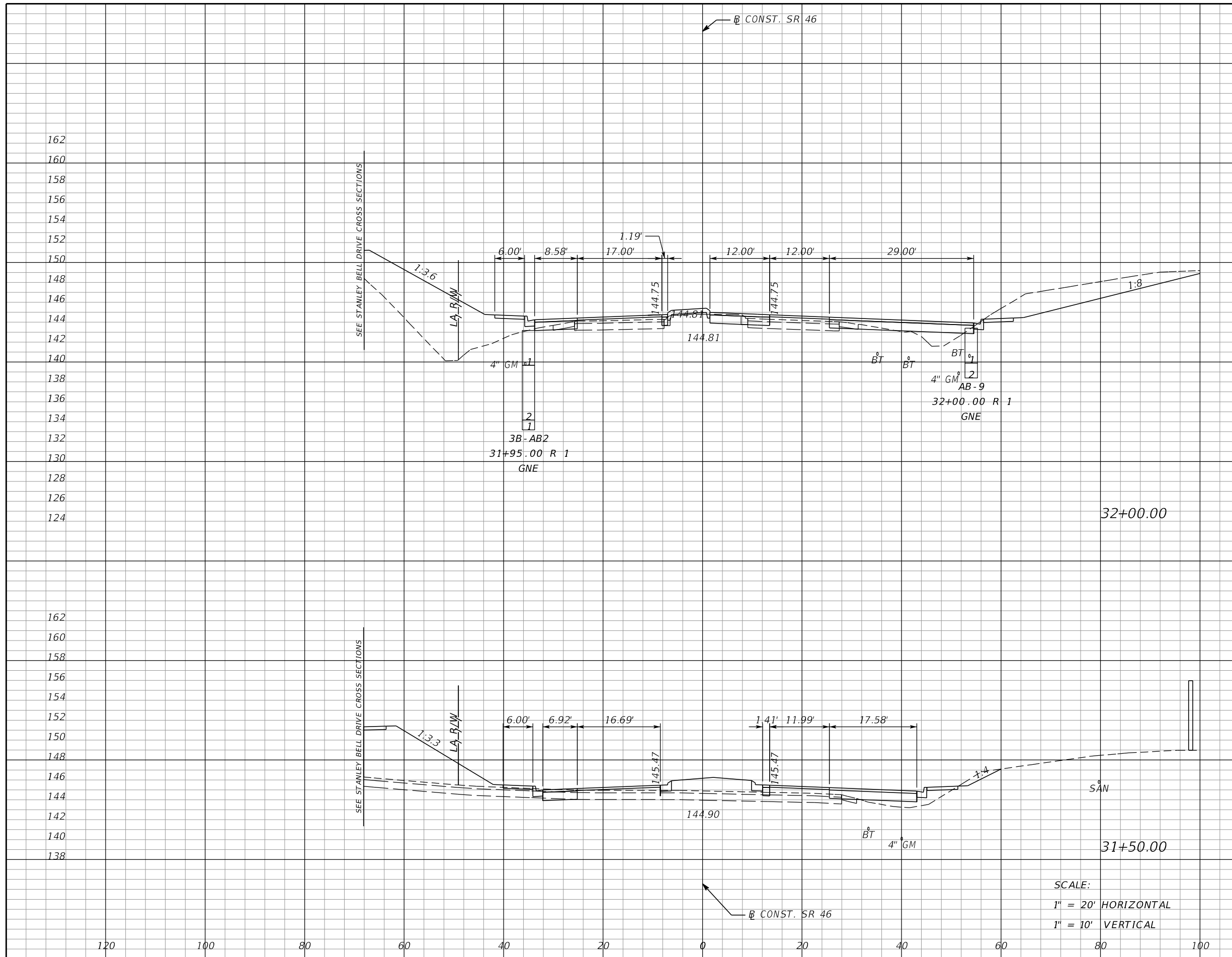
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
190

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		88		147	
	0		96		247
0		16		120	
	0		27		131

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

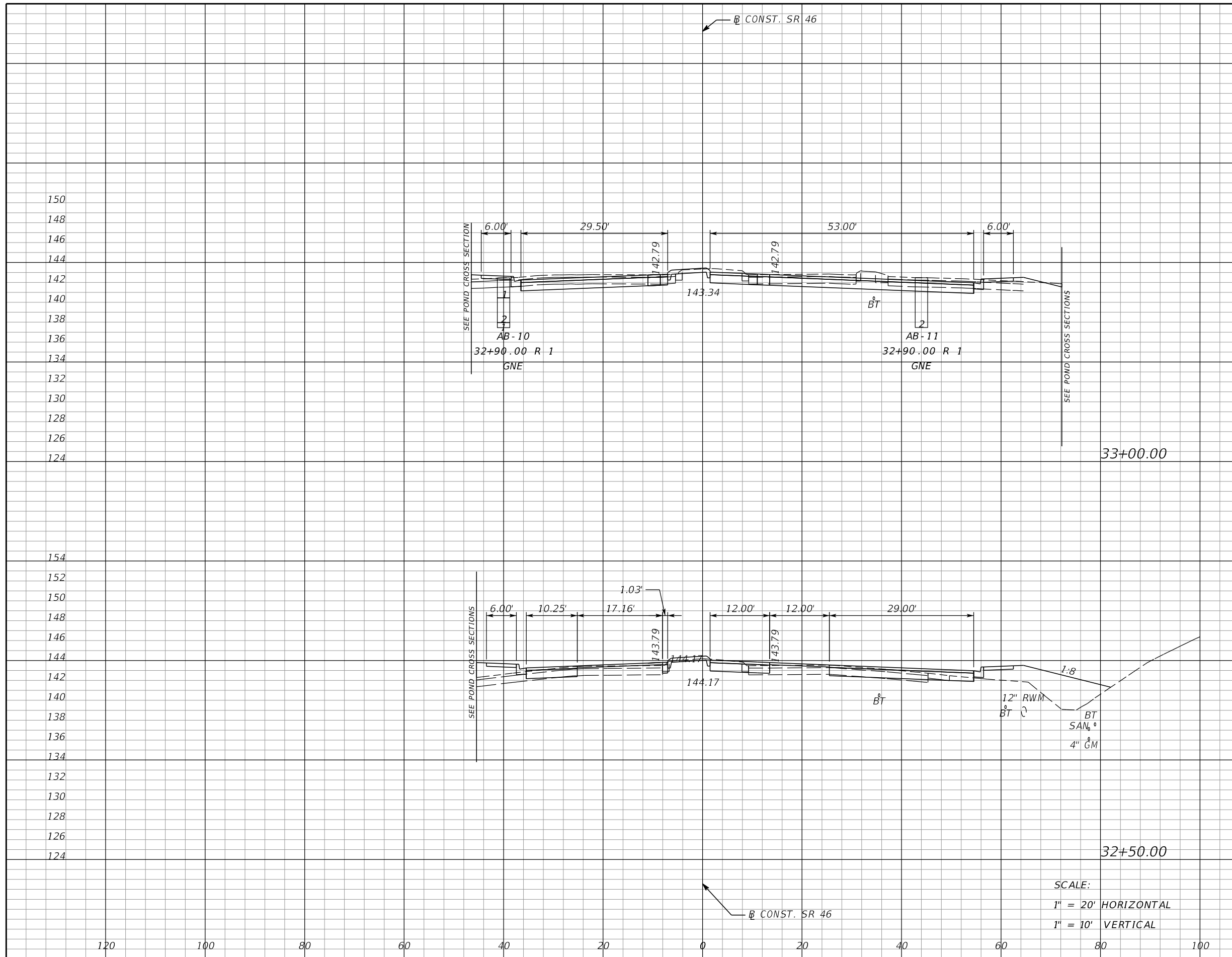
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
191

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		119		3	
	0		153		55
0		46		56	
	0		124		188

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

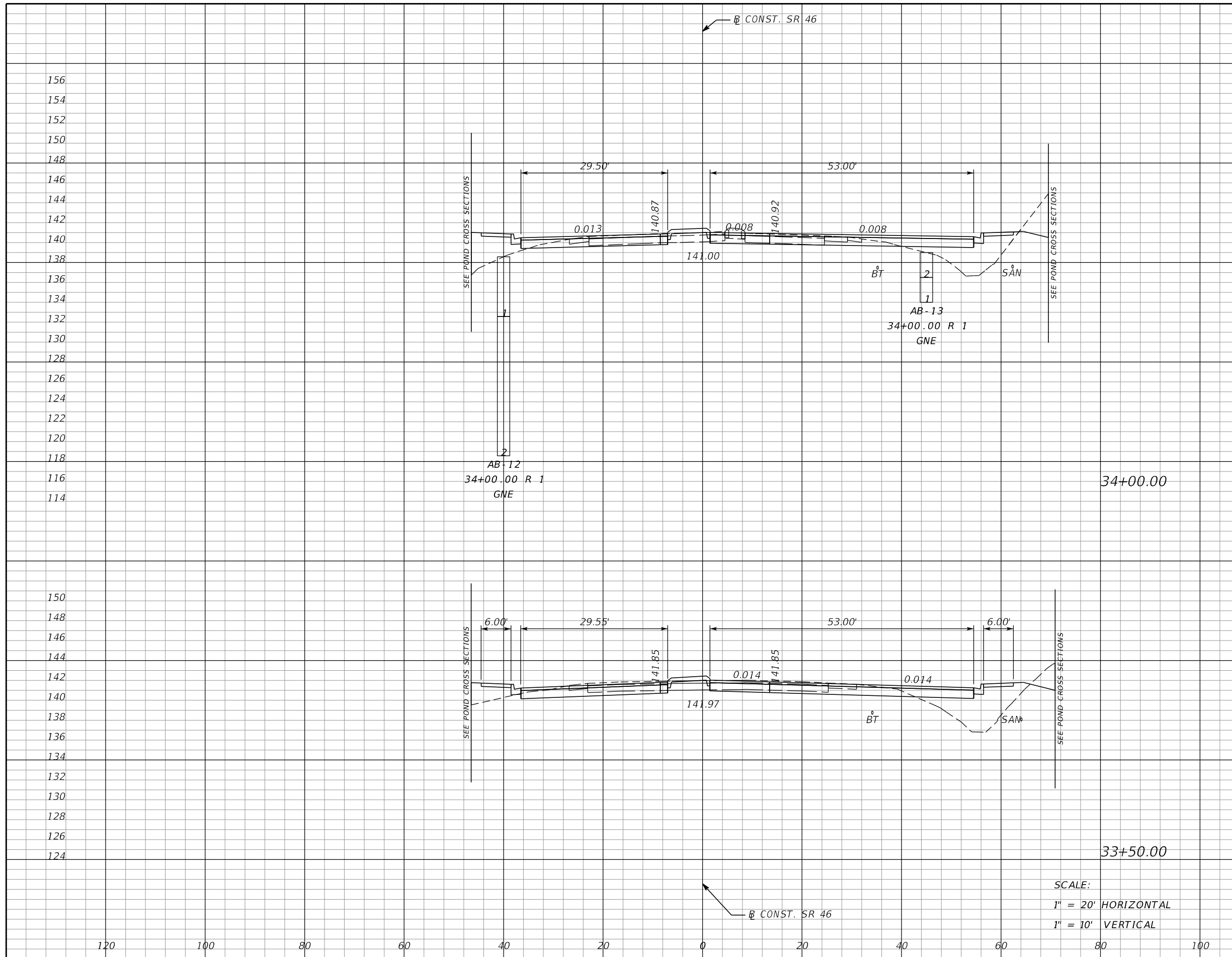
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
192

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		73		61	
	0		144		111
0		83		59	
	0		187		57

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

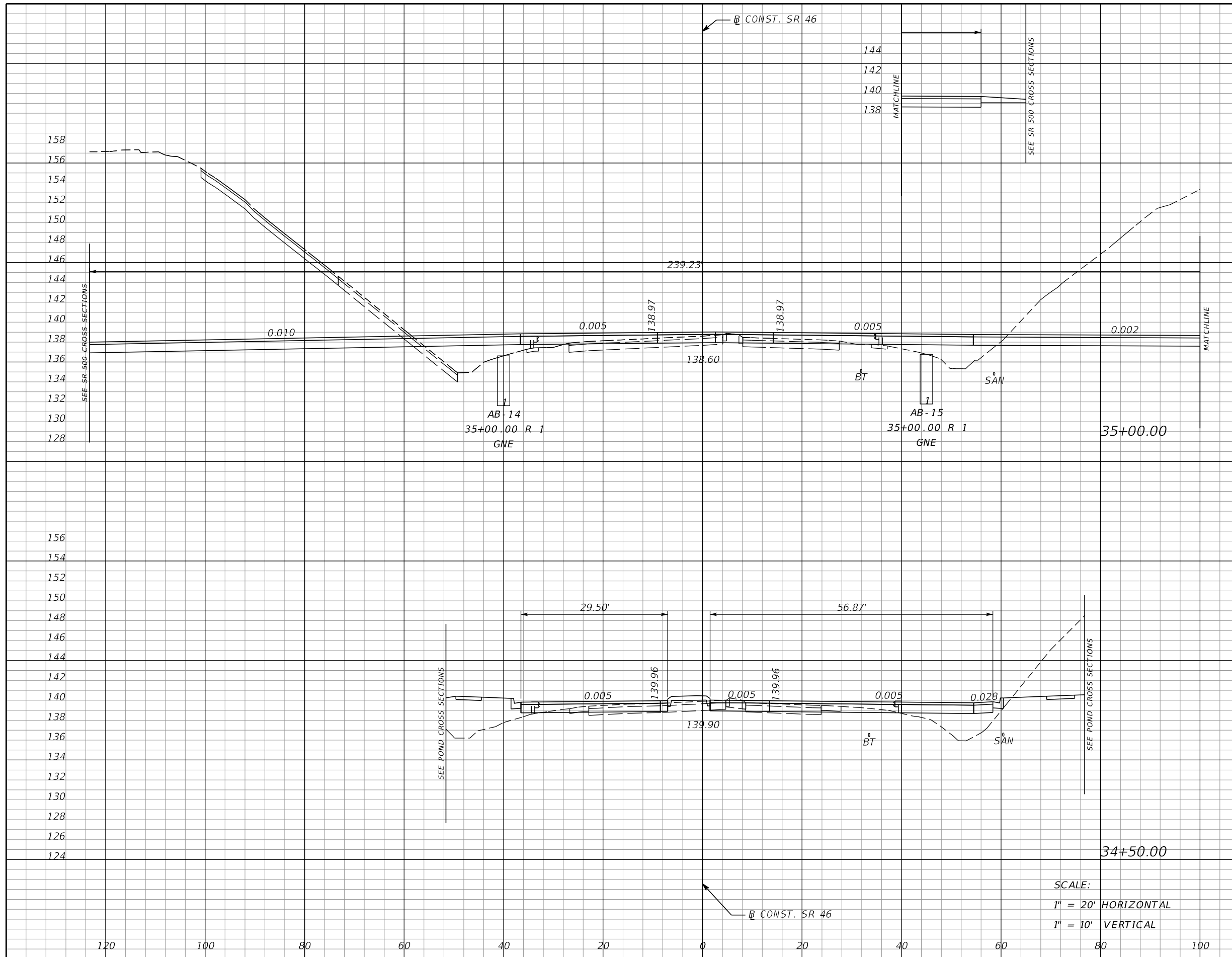
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
193

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		1712		60	
	0		1682		125
0		105		75	
	0		165		126

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

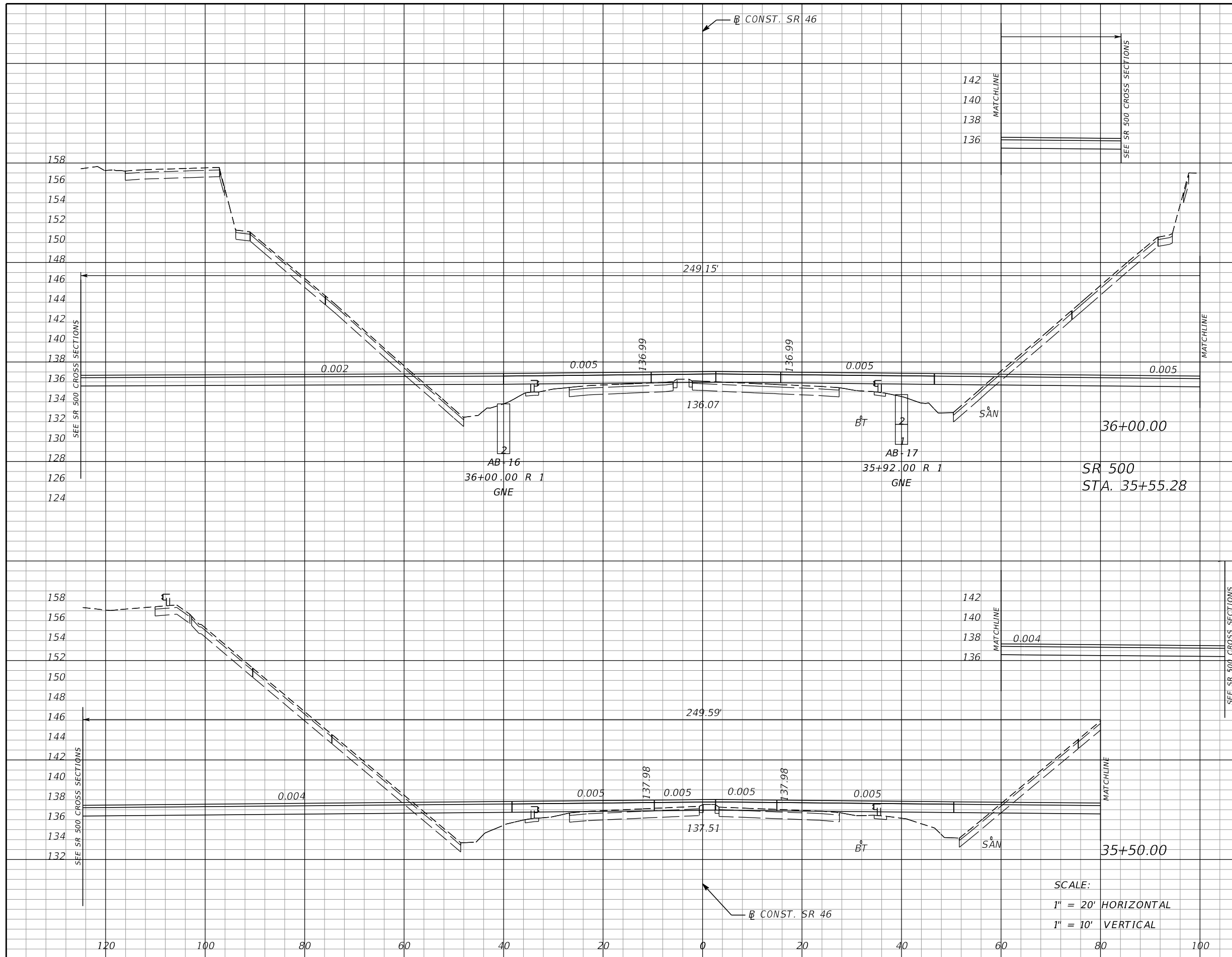
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
194

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		1921		95	
	0		3452		154
0		1807		71	
	0		3258		121

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
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 FL REGISTRATION NO. 56003

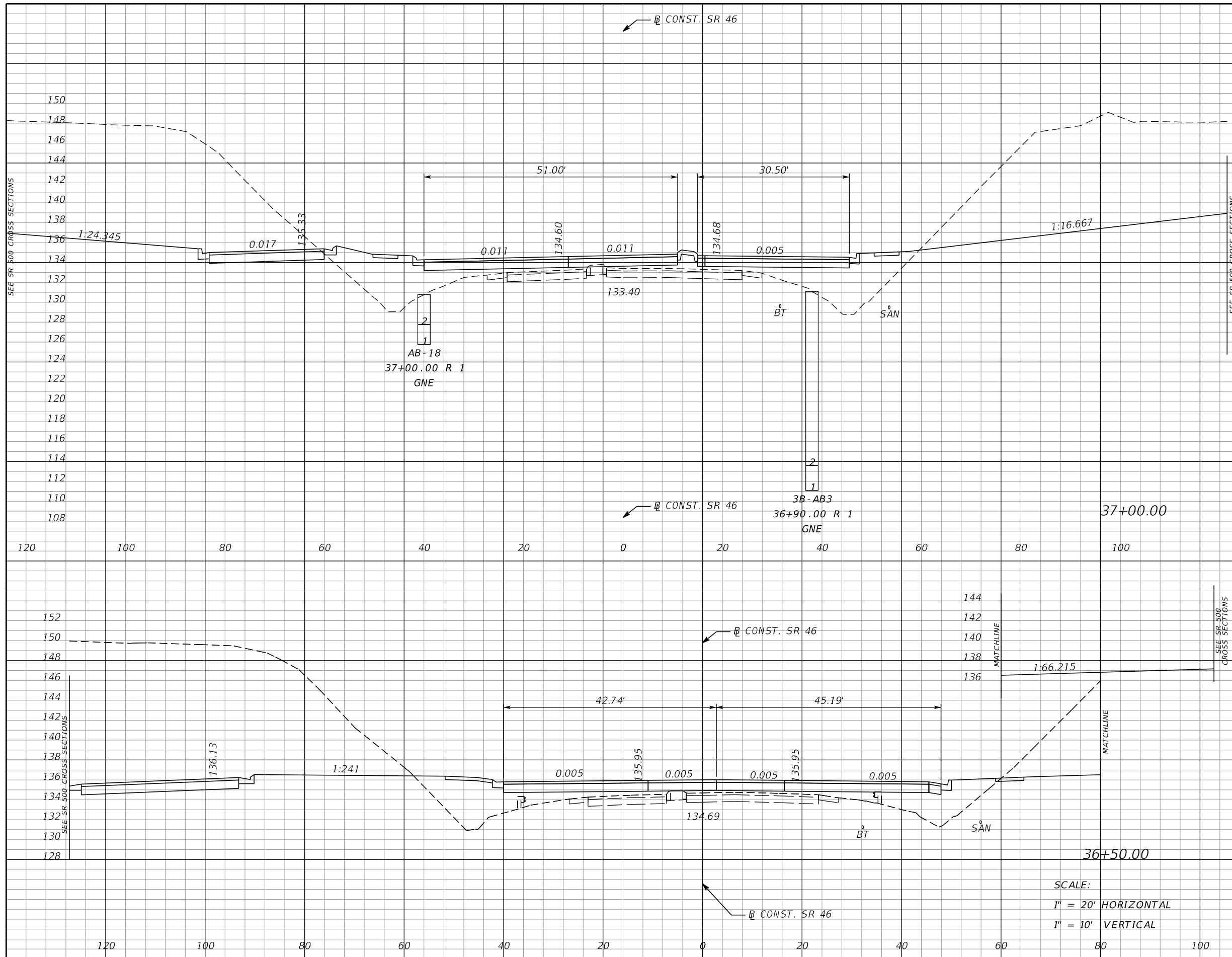
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
195

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		1147		191	
	0		2347		316
0		1388		150	
	0		3064		227

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

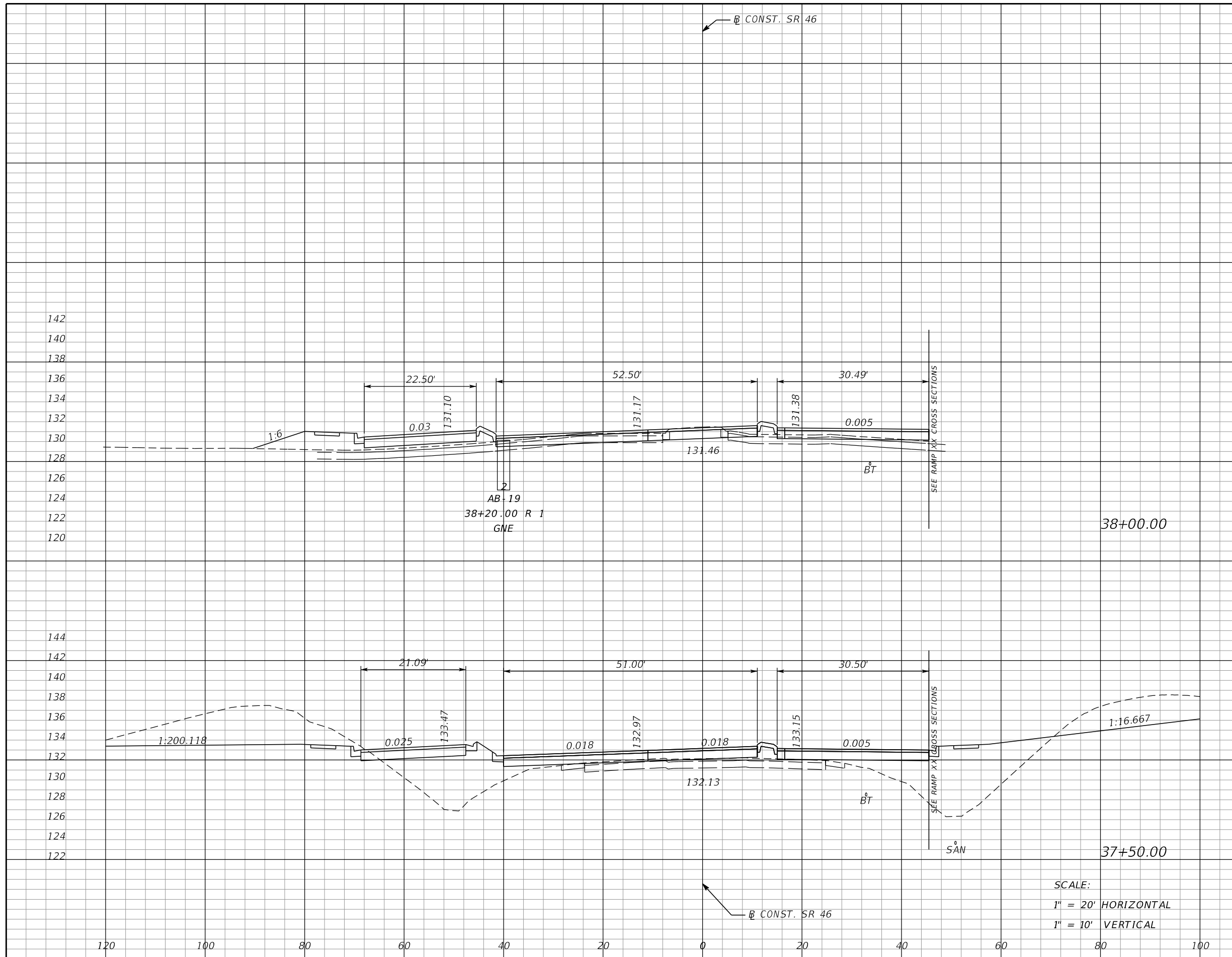
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS		SHEET NO.
SR 46		196

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	51	256	38	256
0	0	225	1270	238	397

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

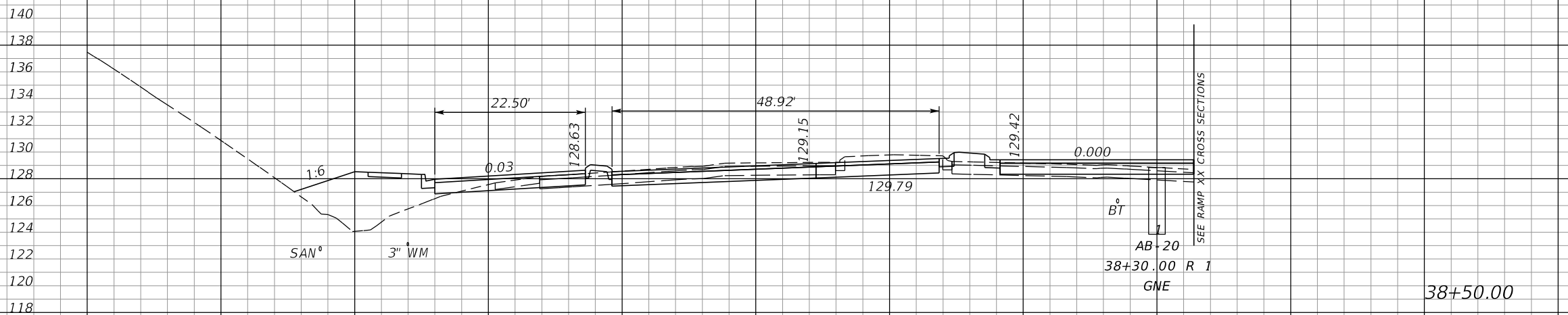
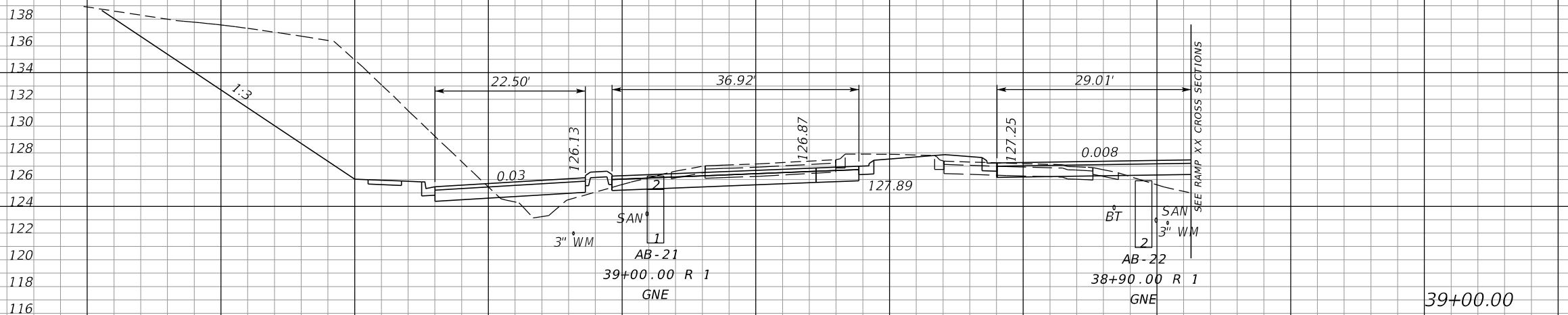
CROSS SECTIONS
SR 46

SHEET NO.
197

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONST. SR 46

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		366		24	
	0		429		77
0		97		59	
	0		137		90



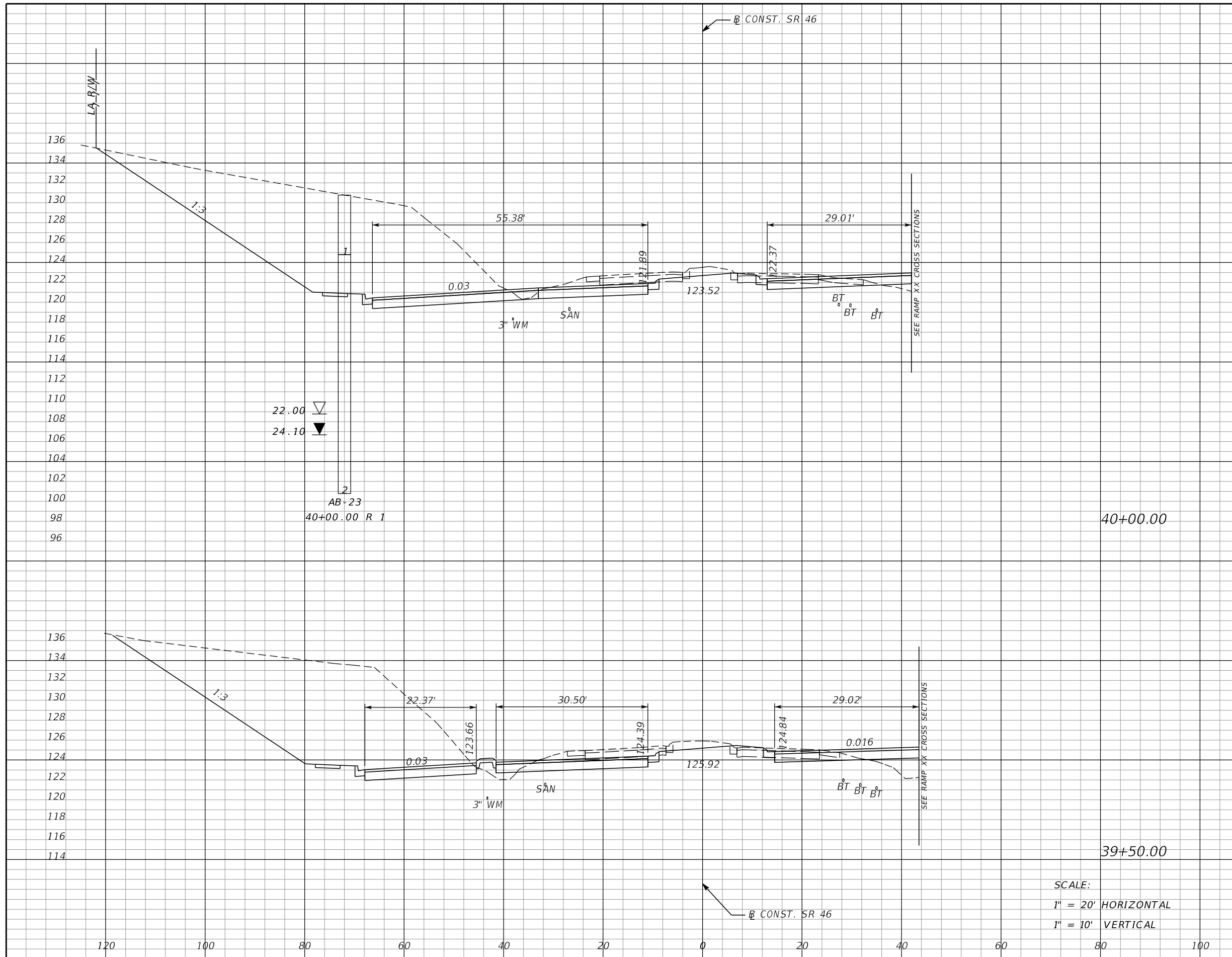
SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

CONST. SR 46

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 198
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	

CROSS SECTIONS
SR 46

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		613		2	
	0		1078		18
0		551		17	
	0		849		38

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

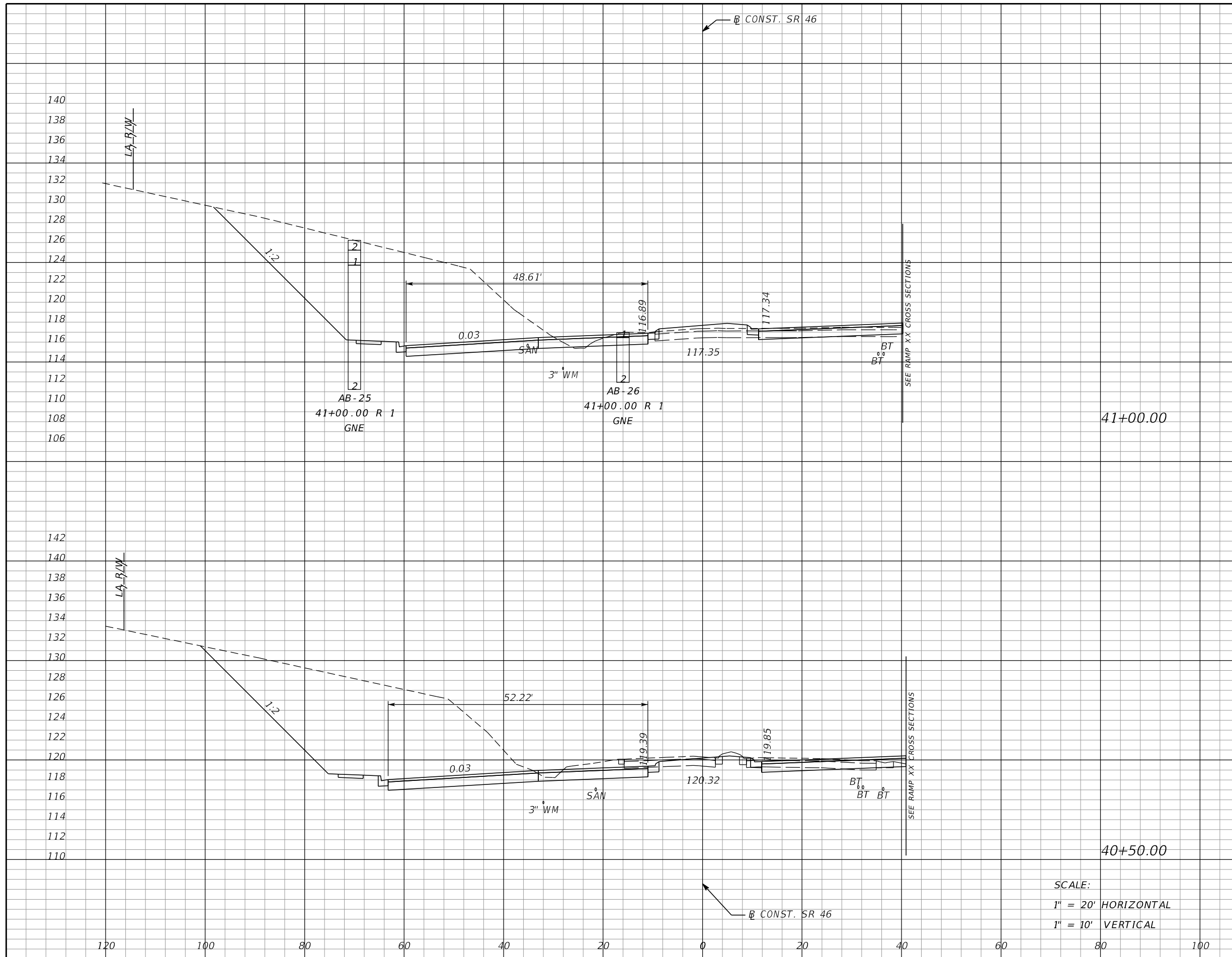
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
199

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		495		7	
	0		937		6
0		517		0	
	0		1046		2

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

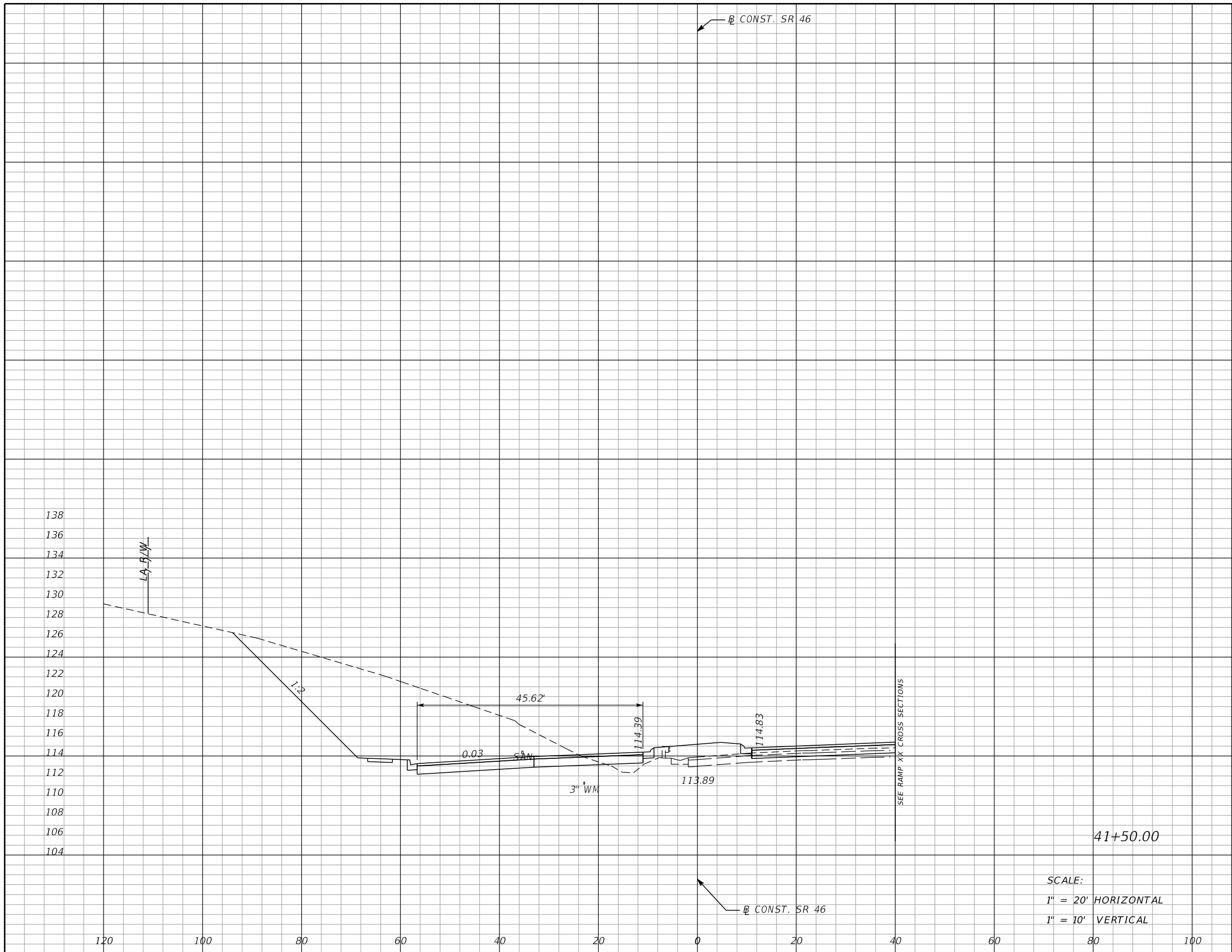
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS		SHEET NO.
SR 46		200

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		410		27	
	0		838		31

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

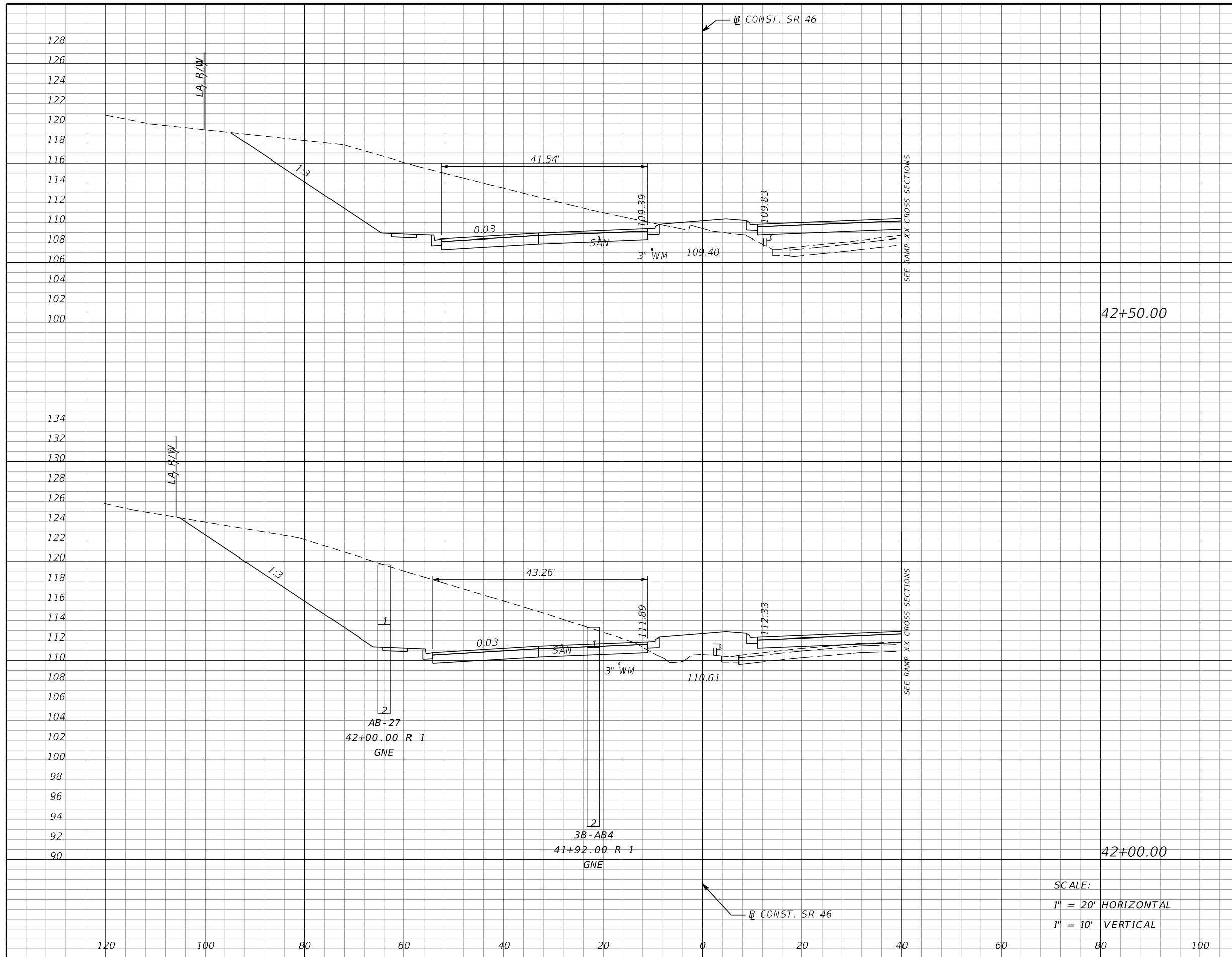
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.	201
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		409		48	
	0		816		89
0		472		48	
	0		817		69

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

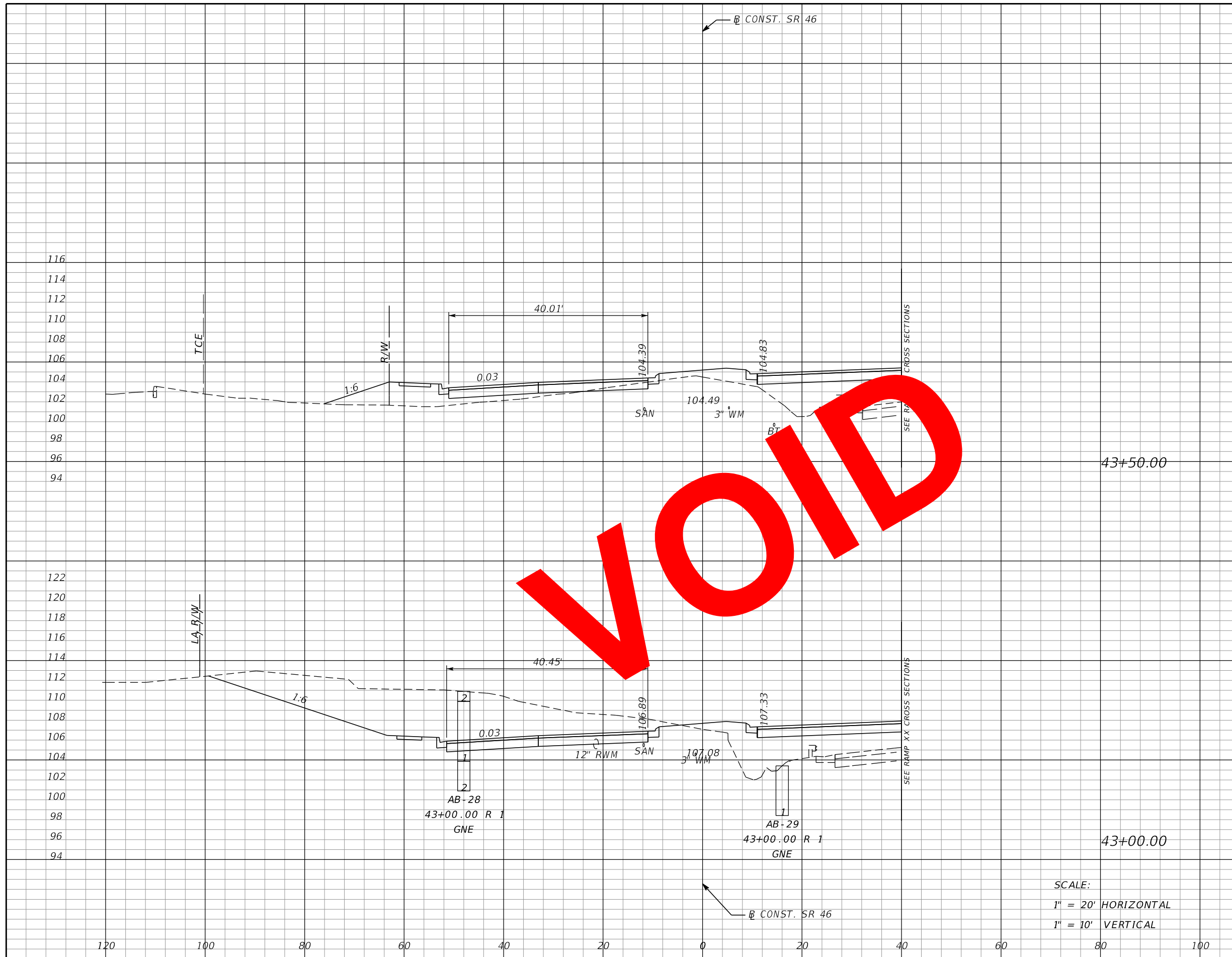
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
202

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		5		138	
	0		315		216
0		335		95	
	0		689		132

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

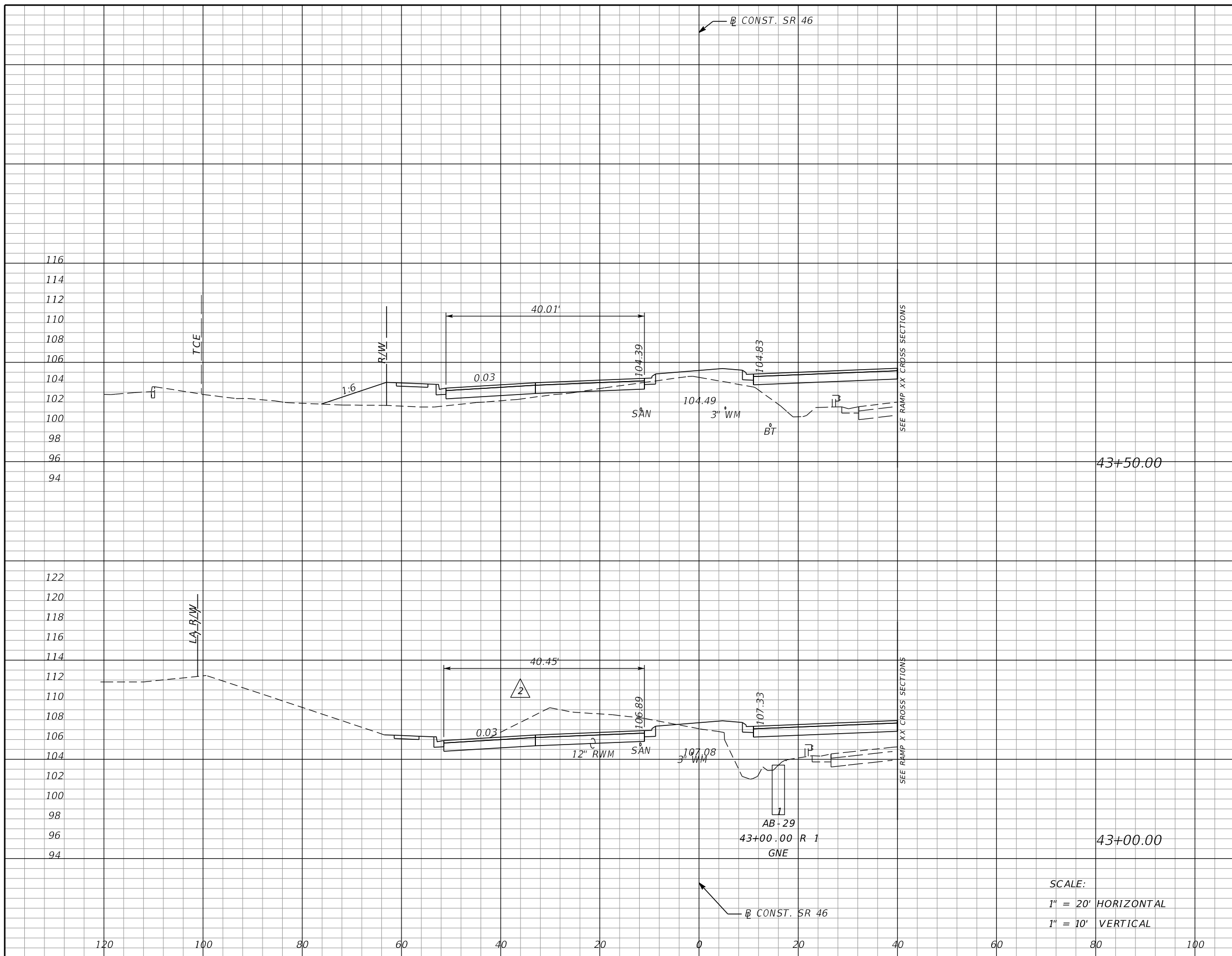
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
203

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	5	90	138	216
0	0	92	463	95	132

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
5/26/17	JLC $\triangle 2$ EARTHWORK MODIFIED		

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

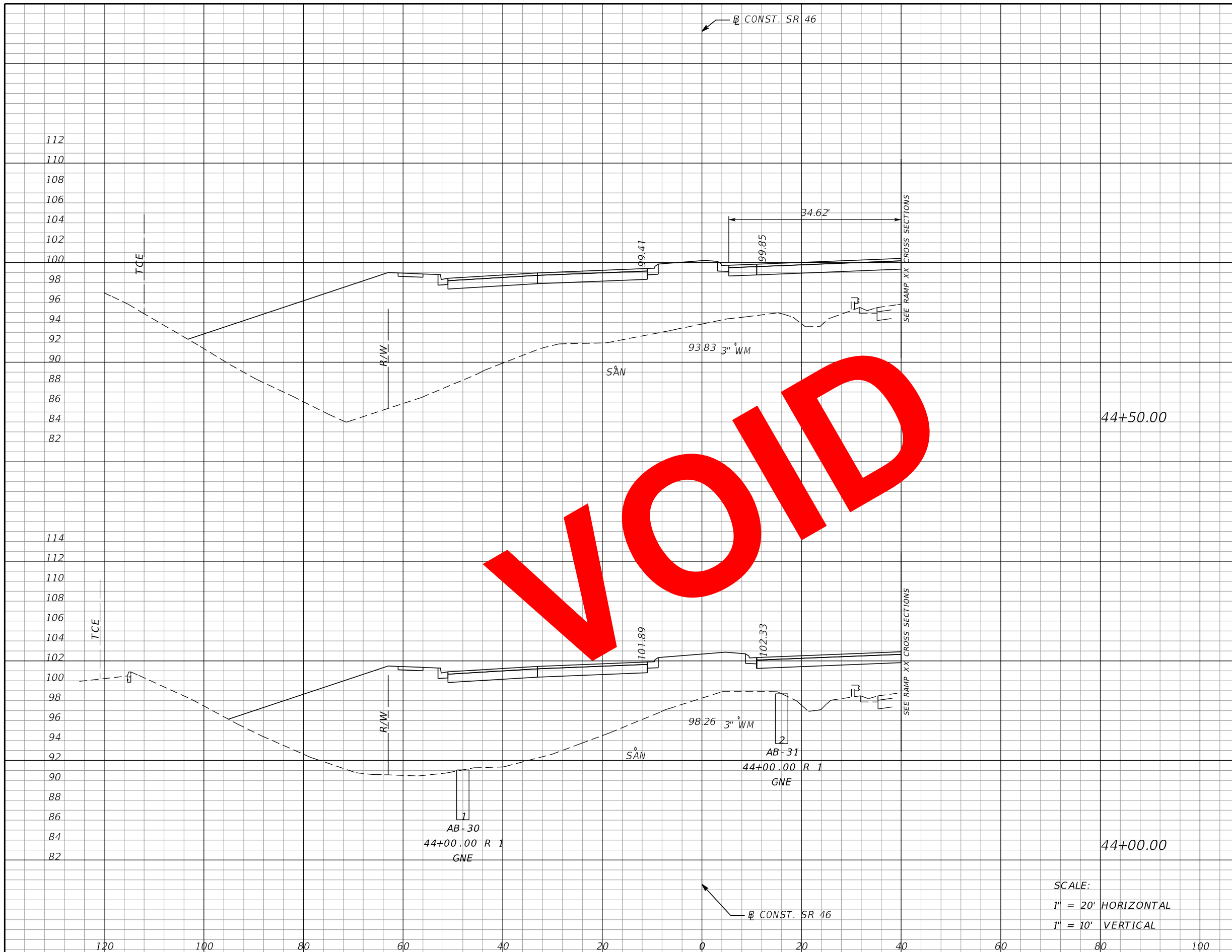
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
203

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



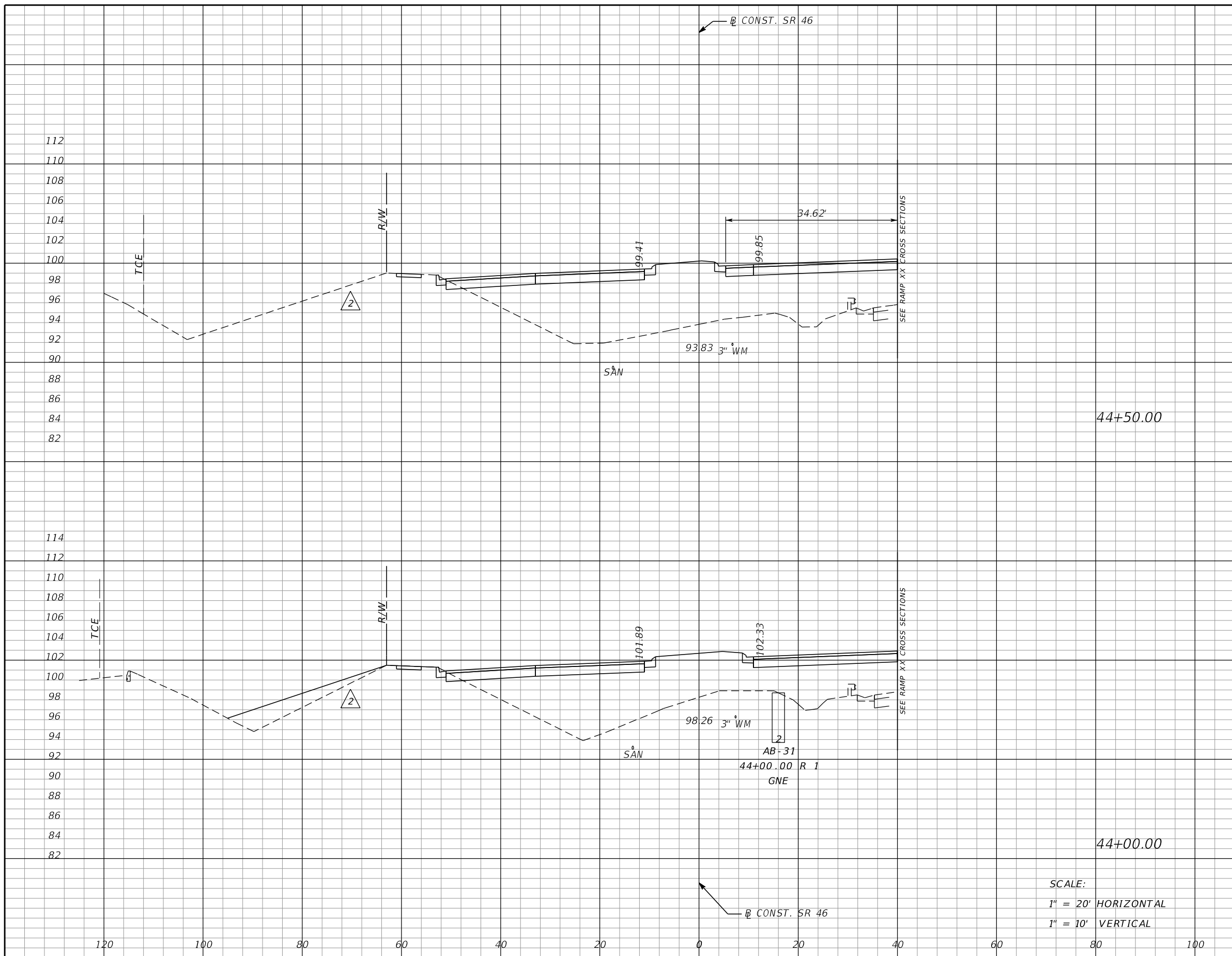
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	1015	1691
0	0	0	5	811	879

VOID

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS		DATE	DESCRIPTION			MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		<h2>CROSS SECTIONS</h2> <h3>SR 46</h3>	SHEET NO. 204
REVISIONS															
DATE	DESCRIPTION														
ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003		ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01											

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Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	404	725
0	0	0	5	378	478

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
5/26/17	JLC \triangle 2 EARTHWORK MODIFIED		

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

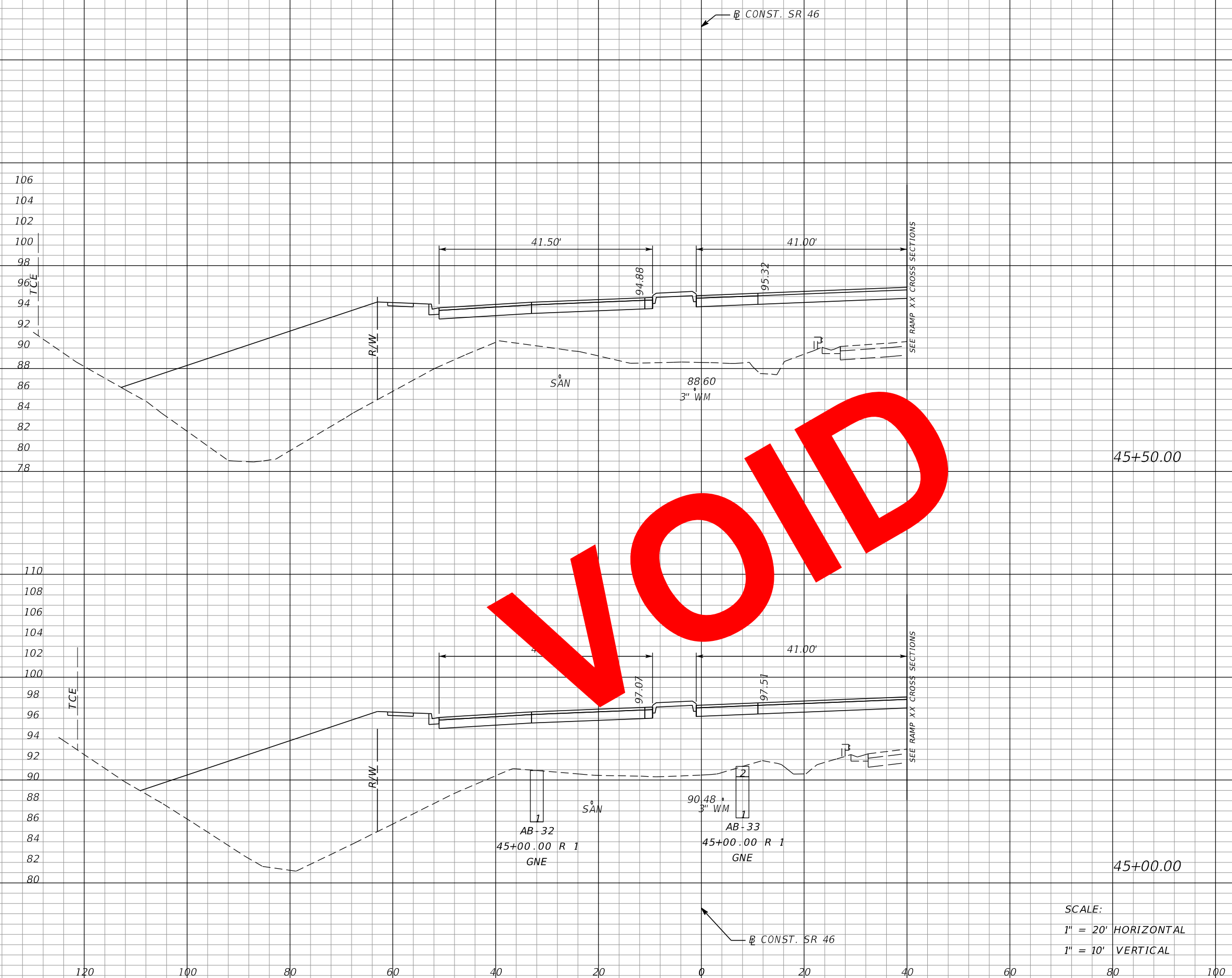
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
204

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	938	1798
0	0	0	0	1004	1869

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

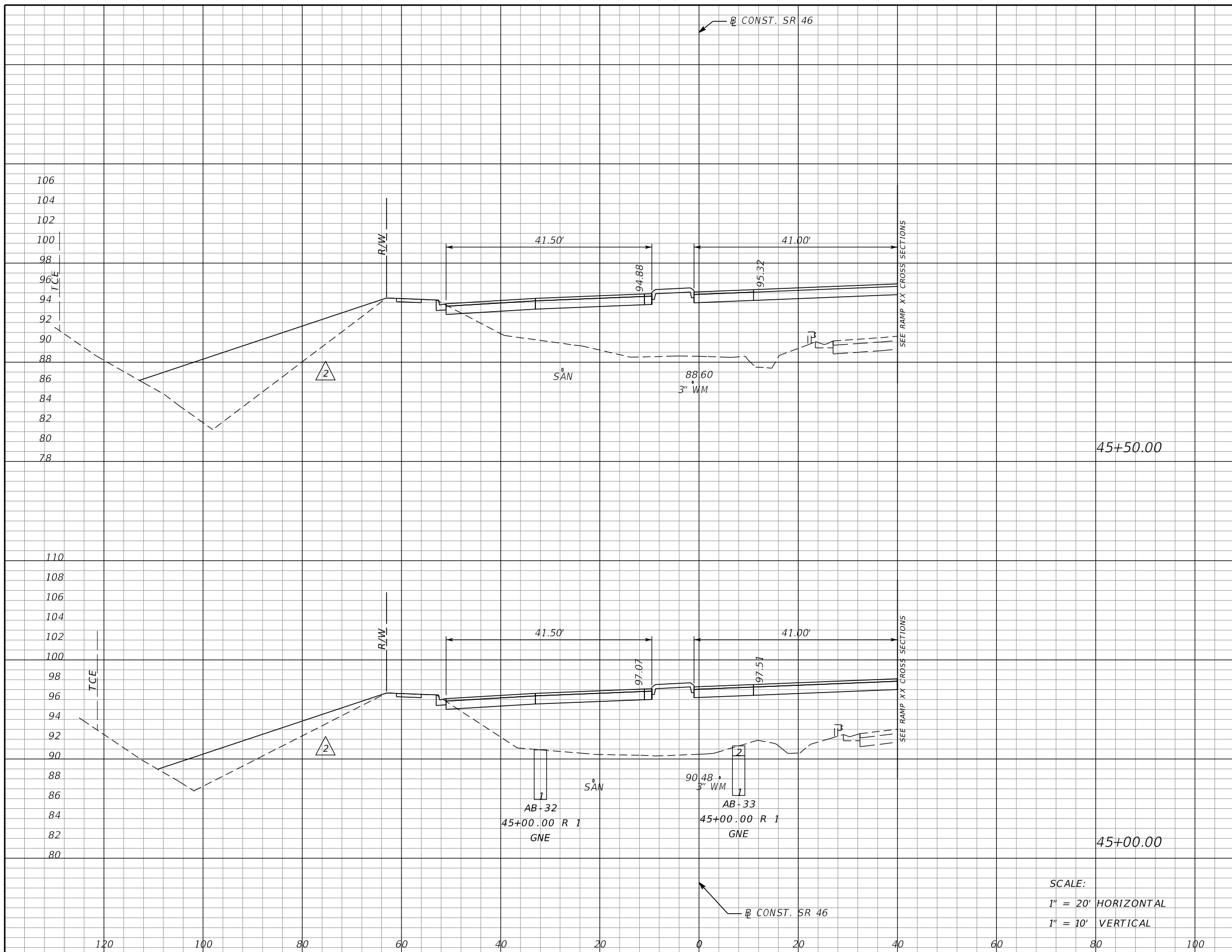
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS		SHEET NO.
SR 46		205

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		0		576	
	0		0		999
				503	
	0		0		840

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
5/26/17	JLC Δ 2 EARTHWORK MODIFIED		

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
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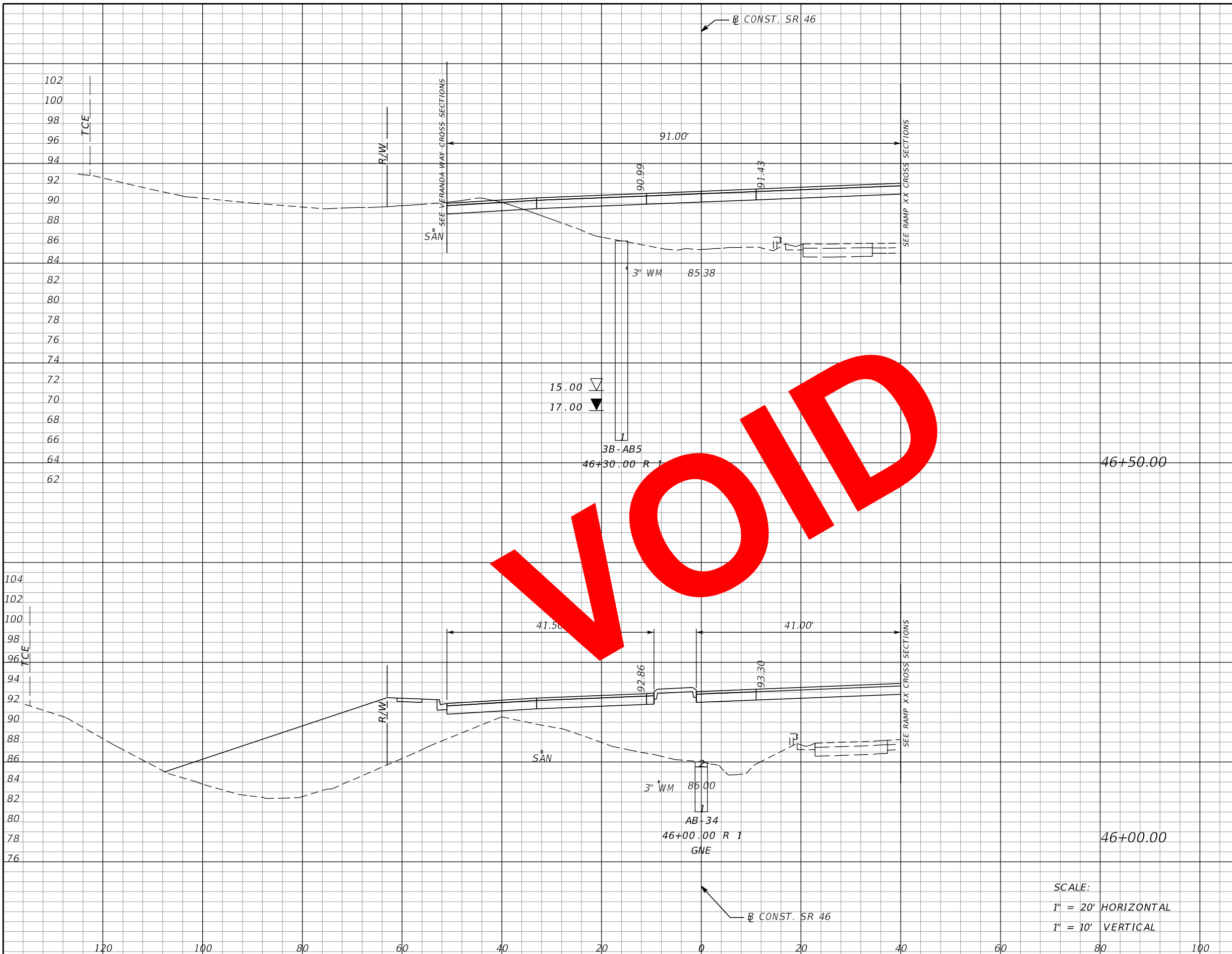
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
205

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



VOID

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		17		312	
	0		16		915
0		0		676	
	0		0		1494

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

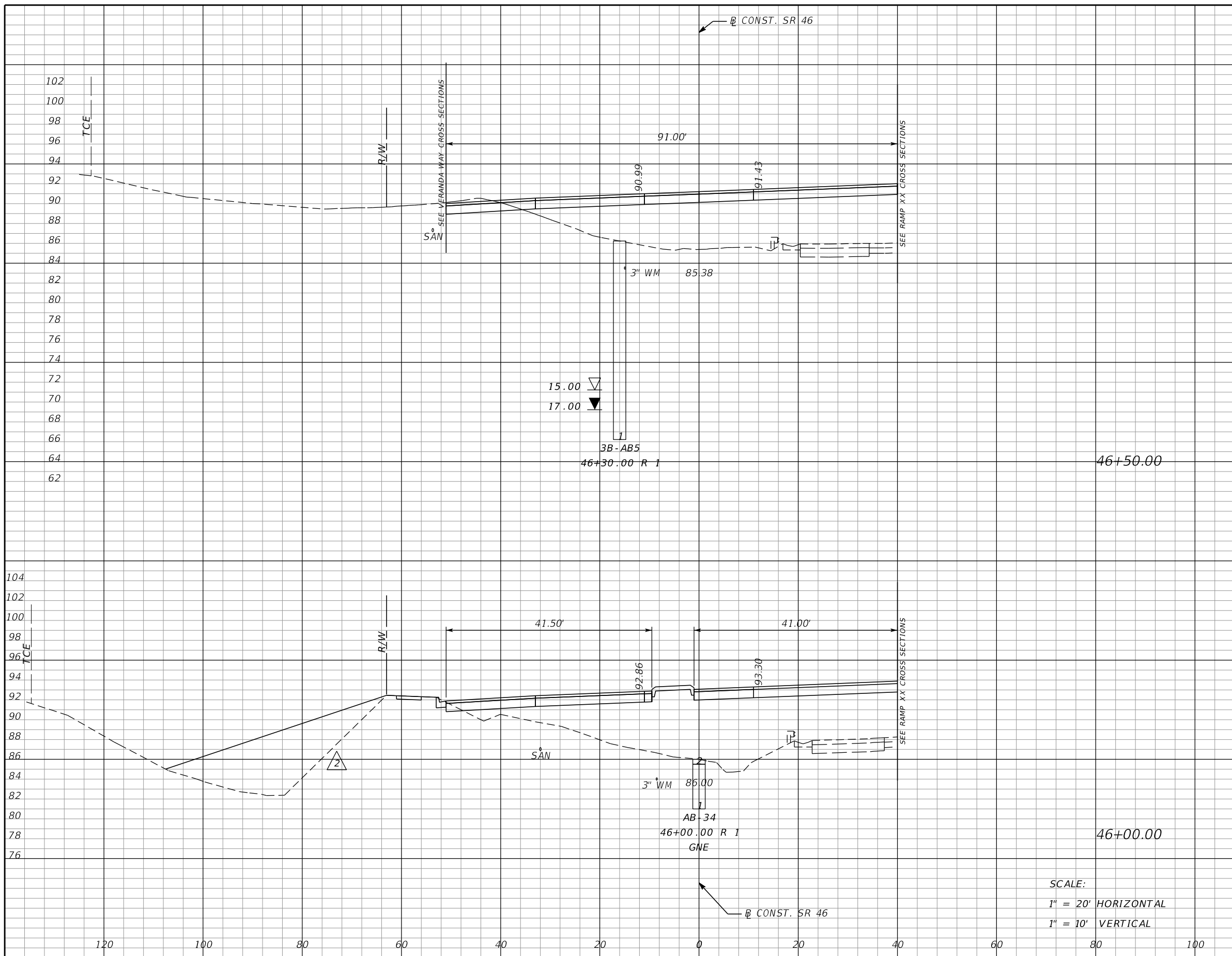
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS

SR 46

SHEET NO.
206

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		17		312	
	0		16		775
0		0		525	
	0		0		1020

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
5/26/17	JLC Δ 2 EARTHWORK MODIFIED		

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

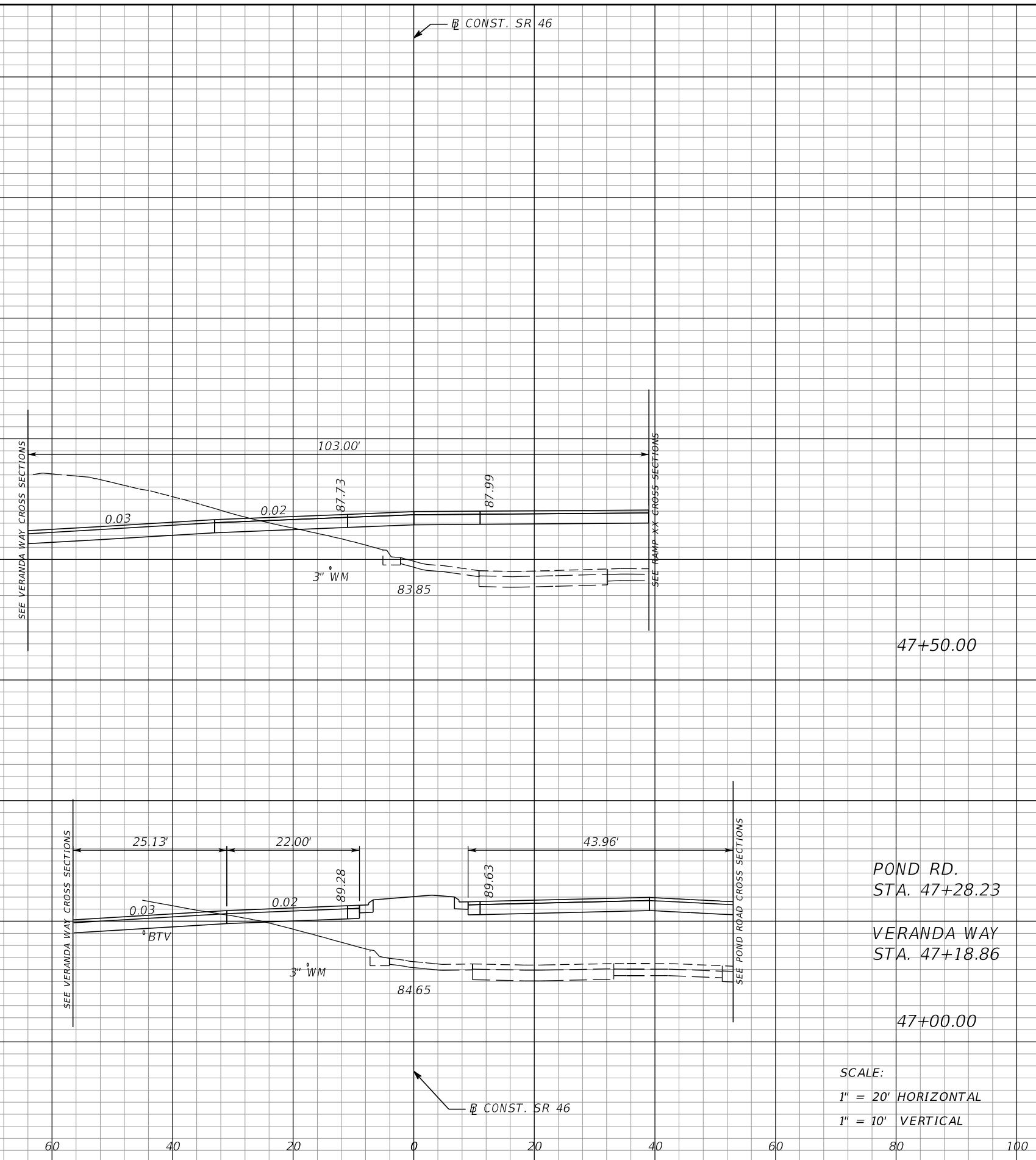
CROSS SECTIONS
SR 46

SHEET NO.
206

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		146		179	
	0		157		456
0		24		313	
	0		38		579

100
98
96
94
92
90
88
86
84
82
80
78
76



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

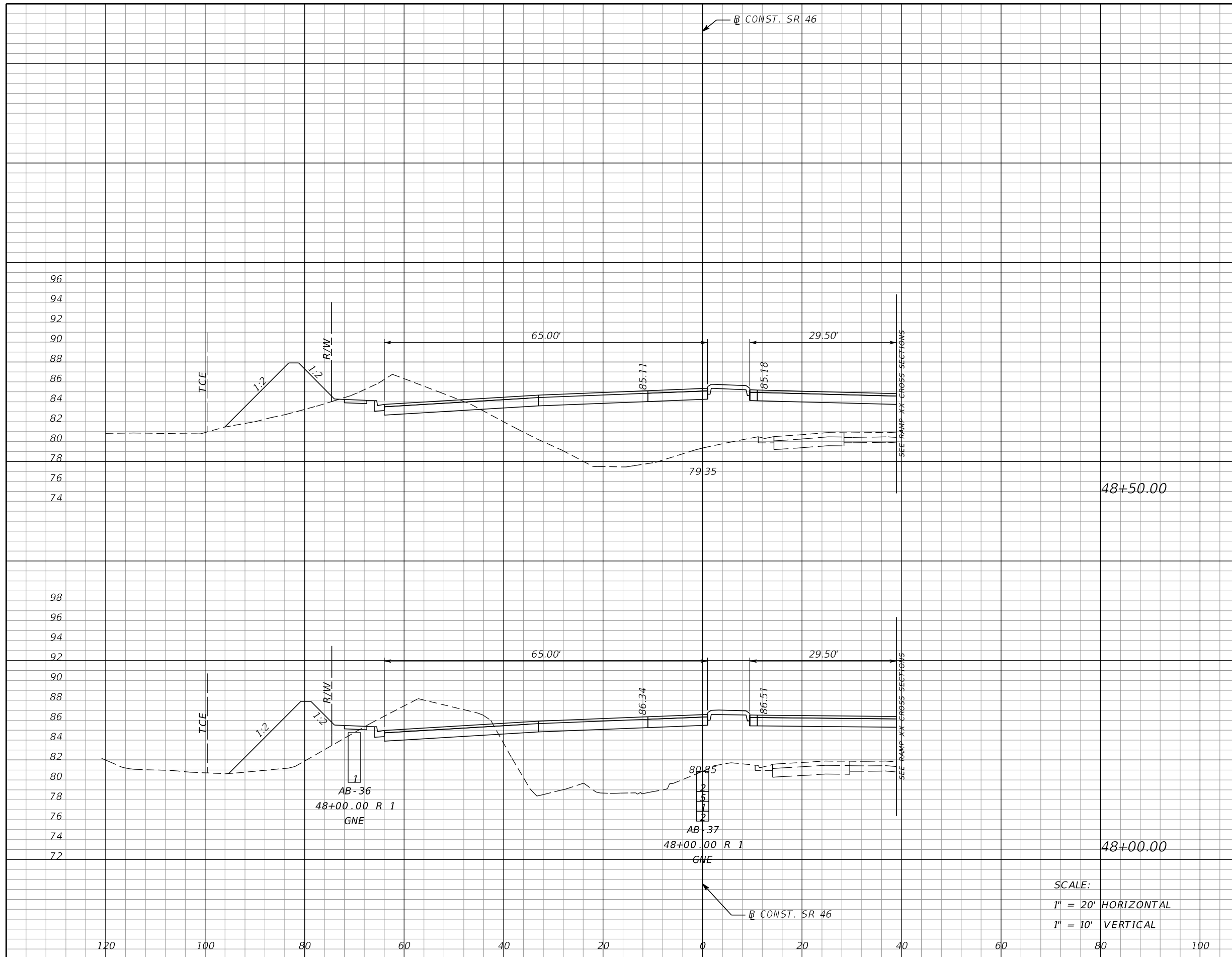
MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS		SHEET NO. 207
SR 46		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	56	118	420	825
0	0	71	201	471	602

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
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 FL REGISTRATION NO. 56003

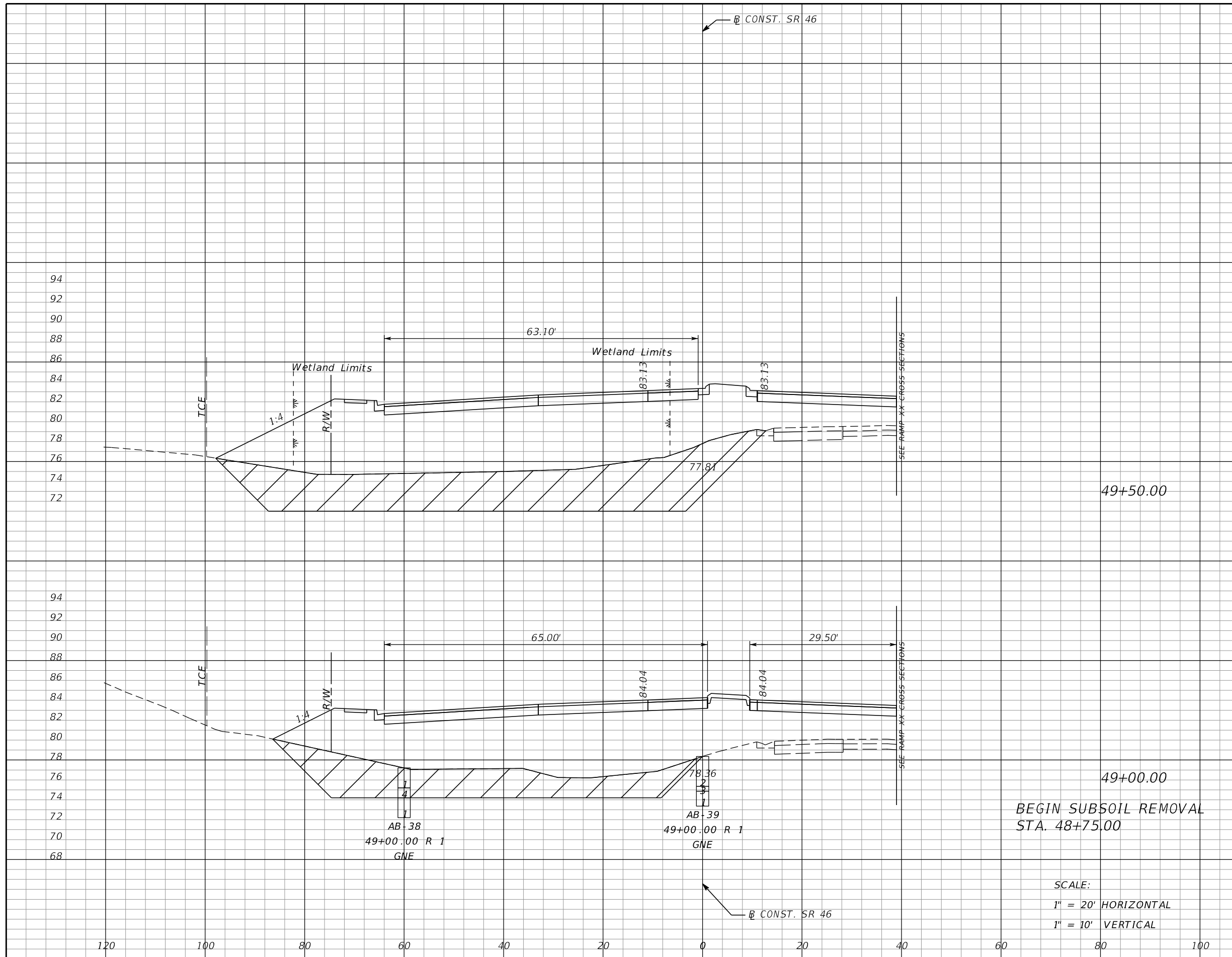
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
208

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
432		0		1114	
	611		0		1765
228		0		792	
	211		52		1122

BEGIN SUBSOIL REMOVAL
STA. 48+75.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

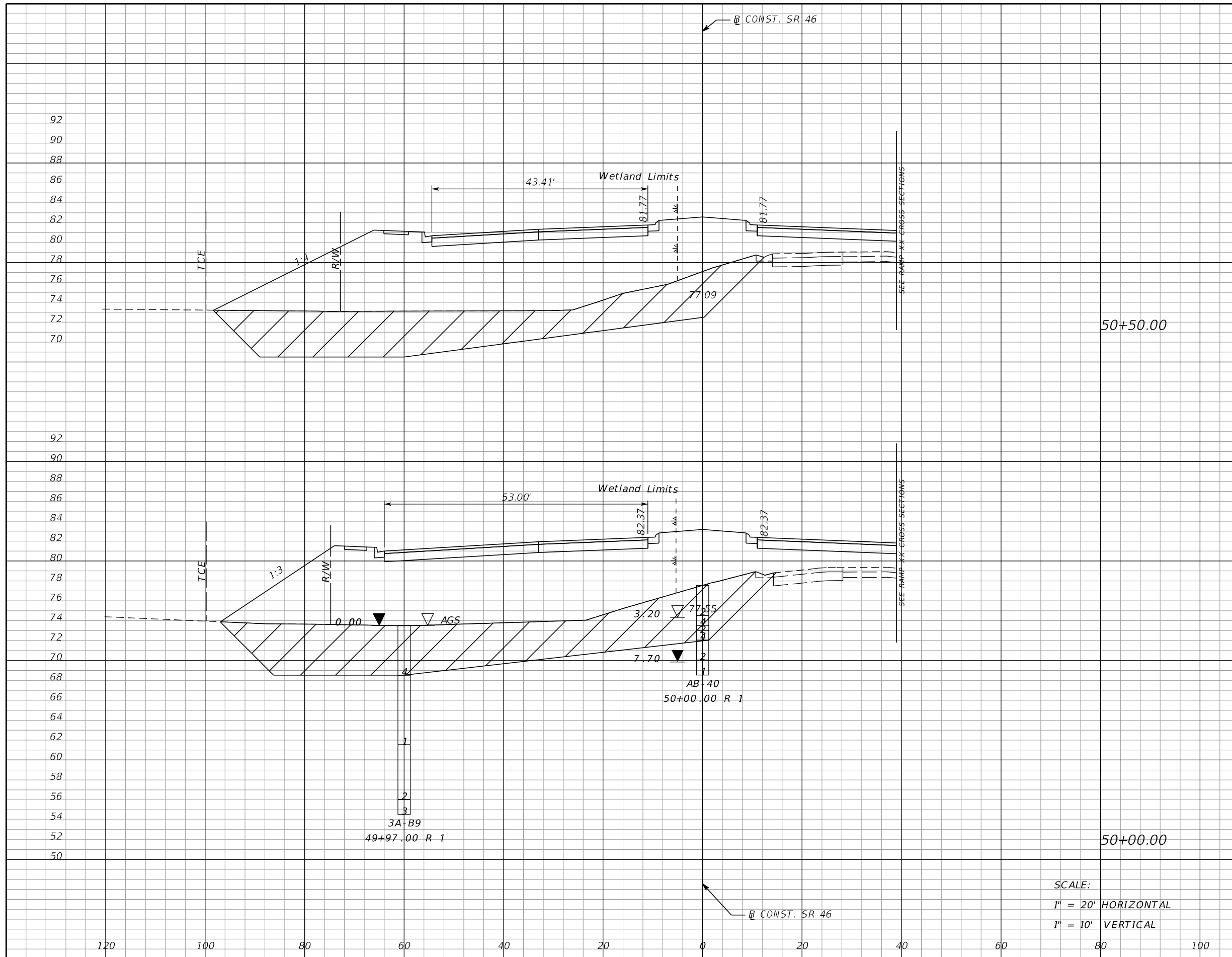
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
209

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
399		0		1072	
	803		0		2070
468		0		1164	
	833		0		2109

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
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 FL REGISTRATION NO. 56003

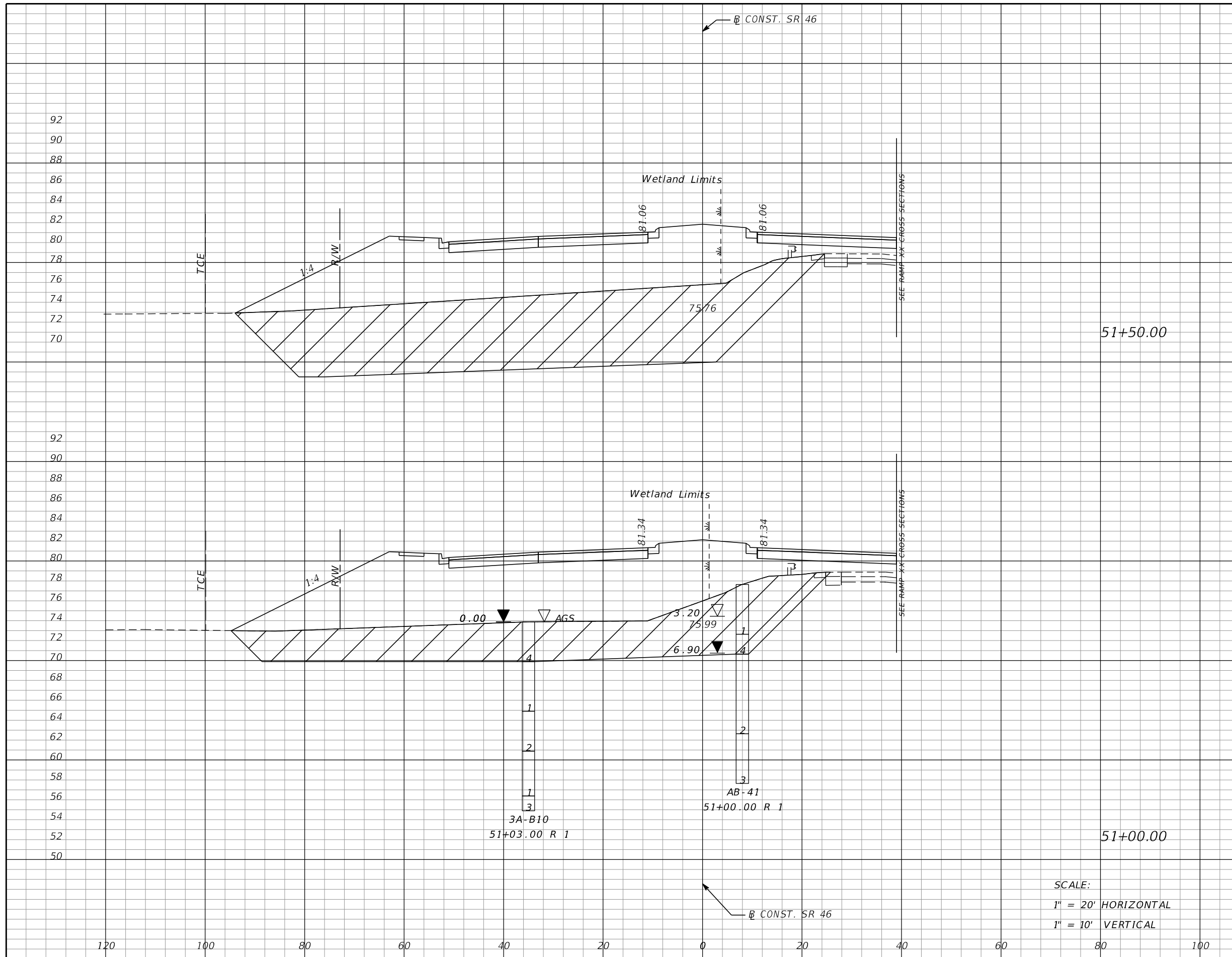
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
210

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
748		0		1282	
	1119		0		2183
460		0		1076	
	795		0		1989

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

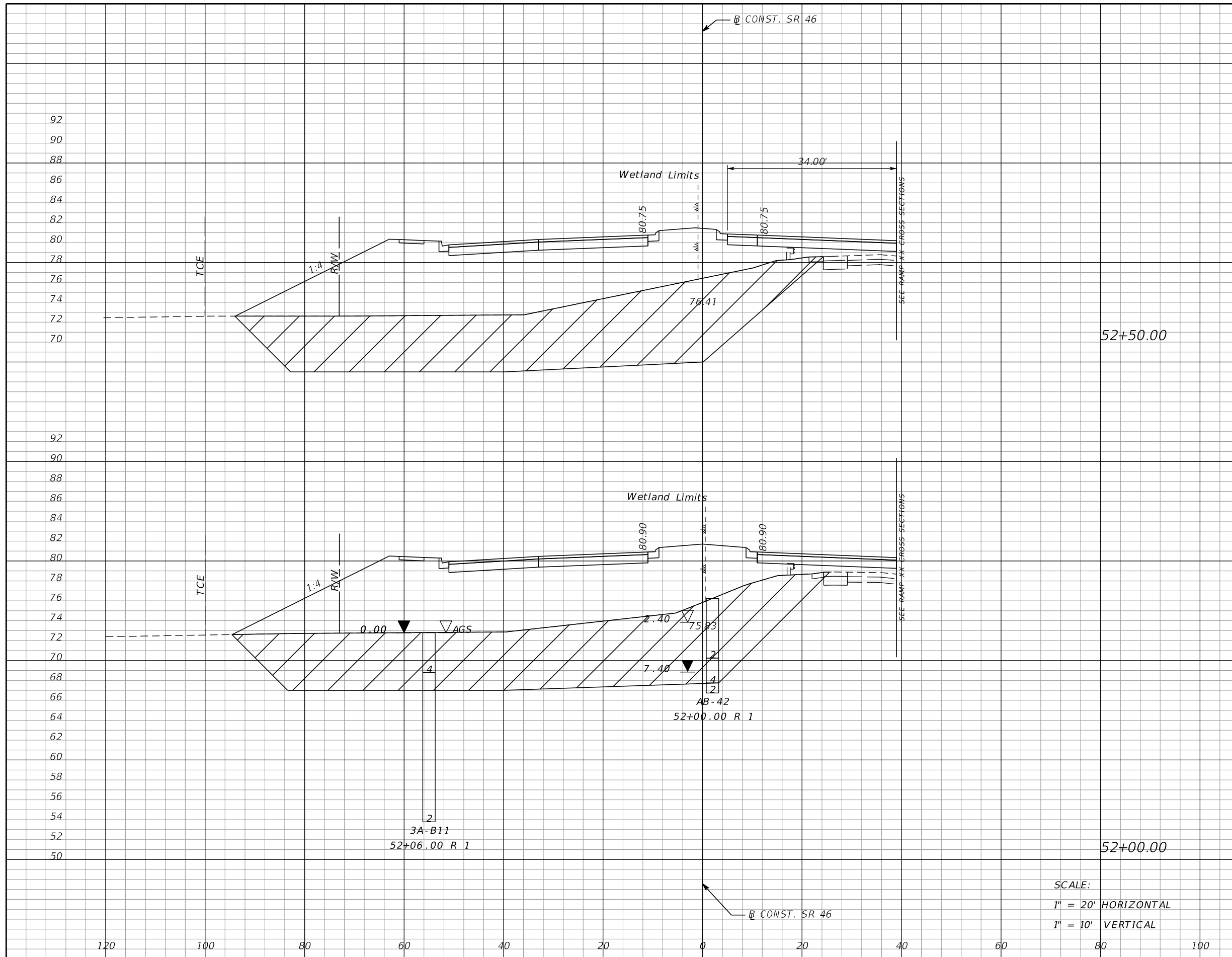
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
211

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
656		0		1220	
	1241		0		2316
684		0		1281	
	1326		0		2373

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

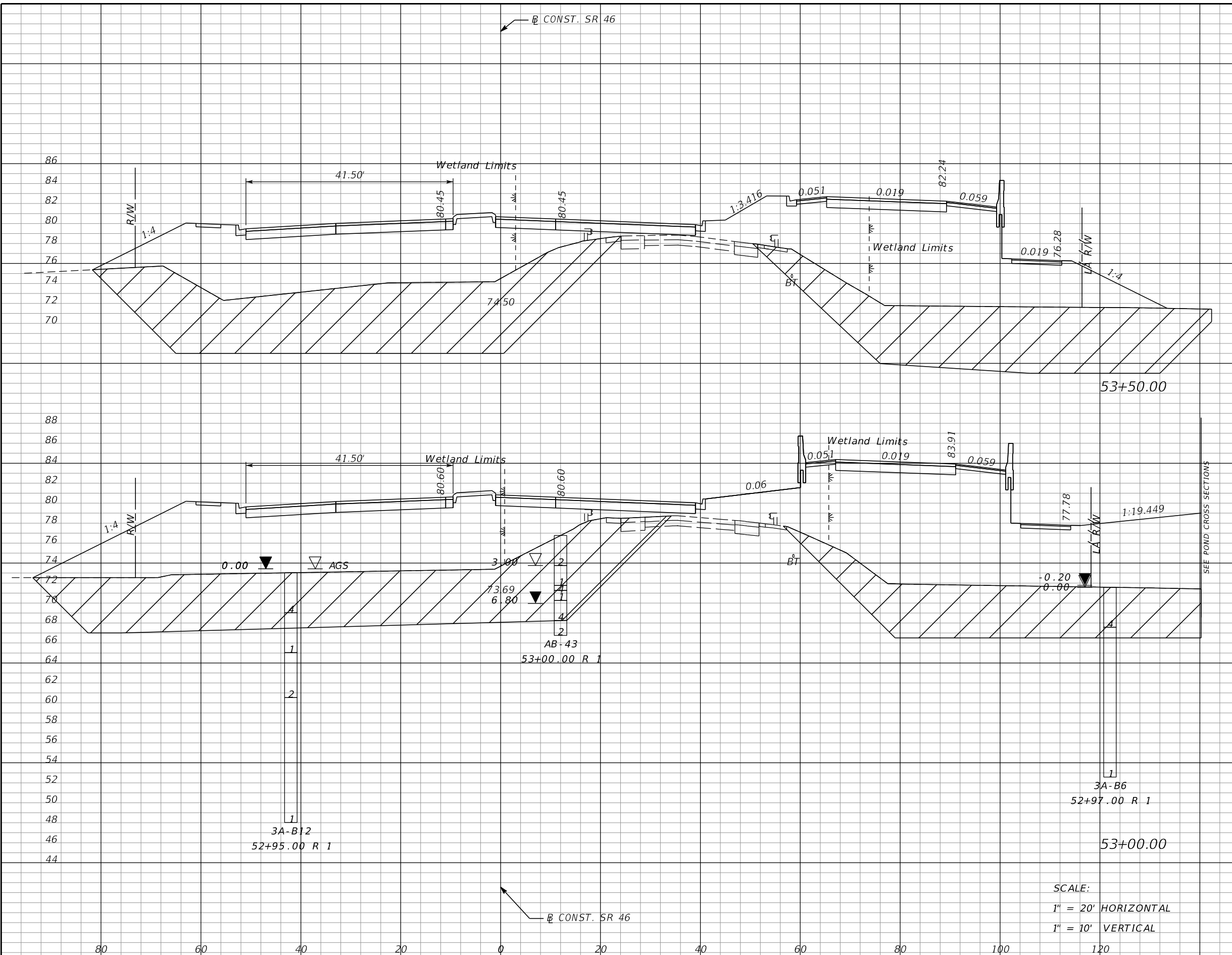
MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS		SHEET NO.
SR 46		212

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
1101		0		2103	
	2006		0		4169
1066		0		2400	
	1594		0		3352

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

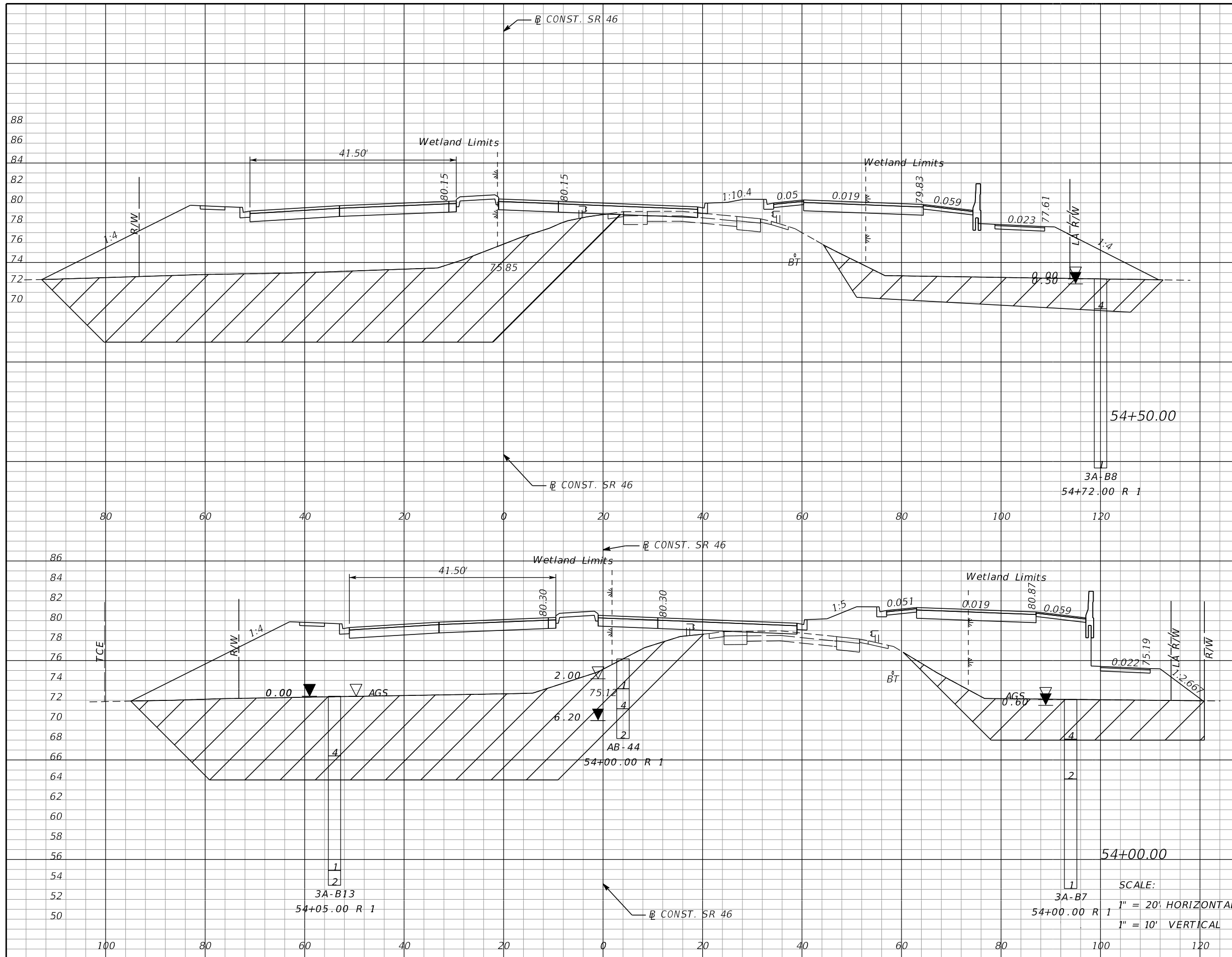
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
213

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
911		2		1763	
	1781		2		3445
1013		0		1958	
	1957		0		3760

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

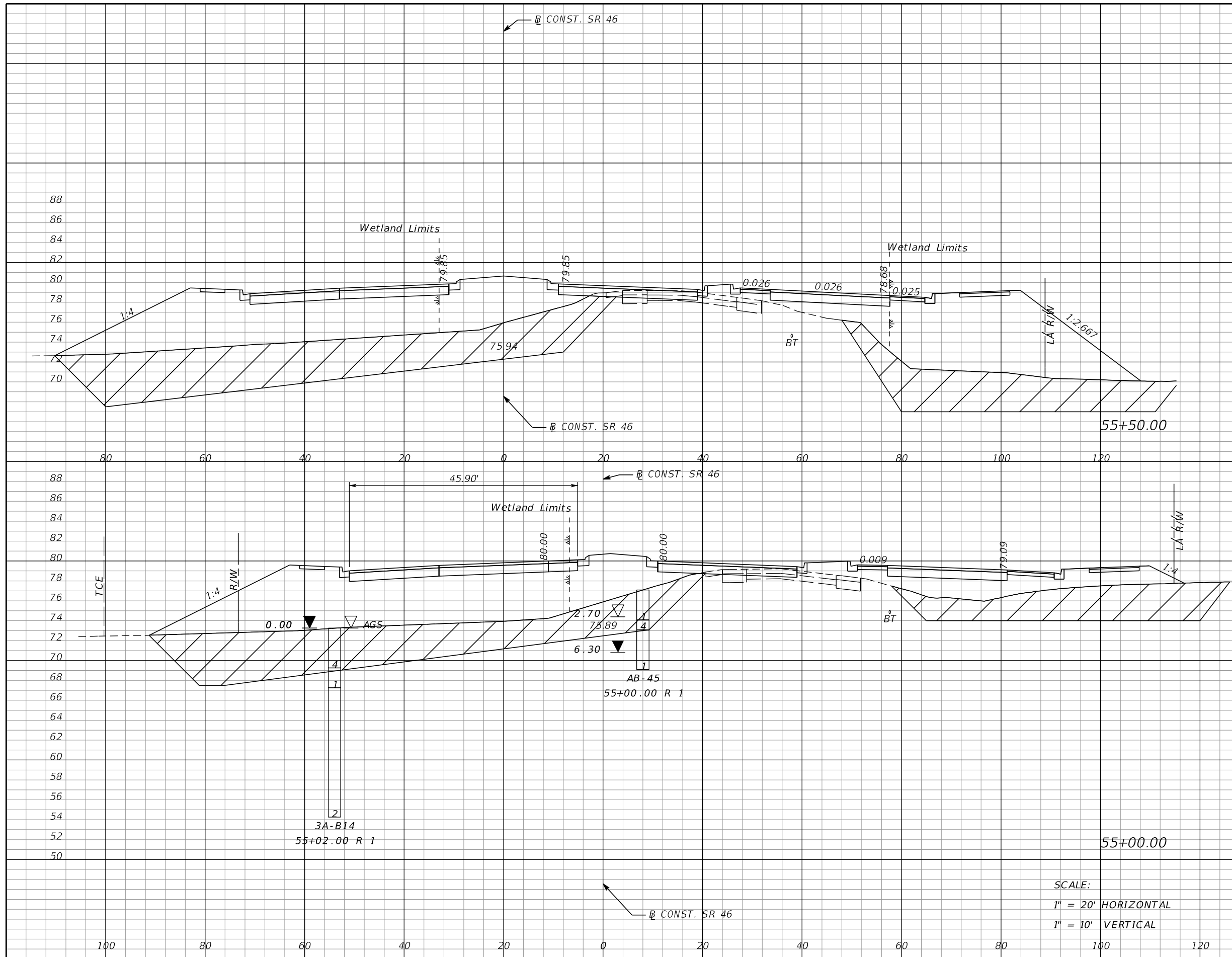
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
214

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
669		6		1432	
	1158		9		2394
582		4		1154	
	1382		6		2701

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

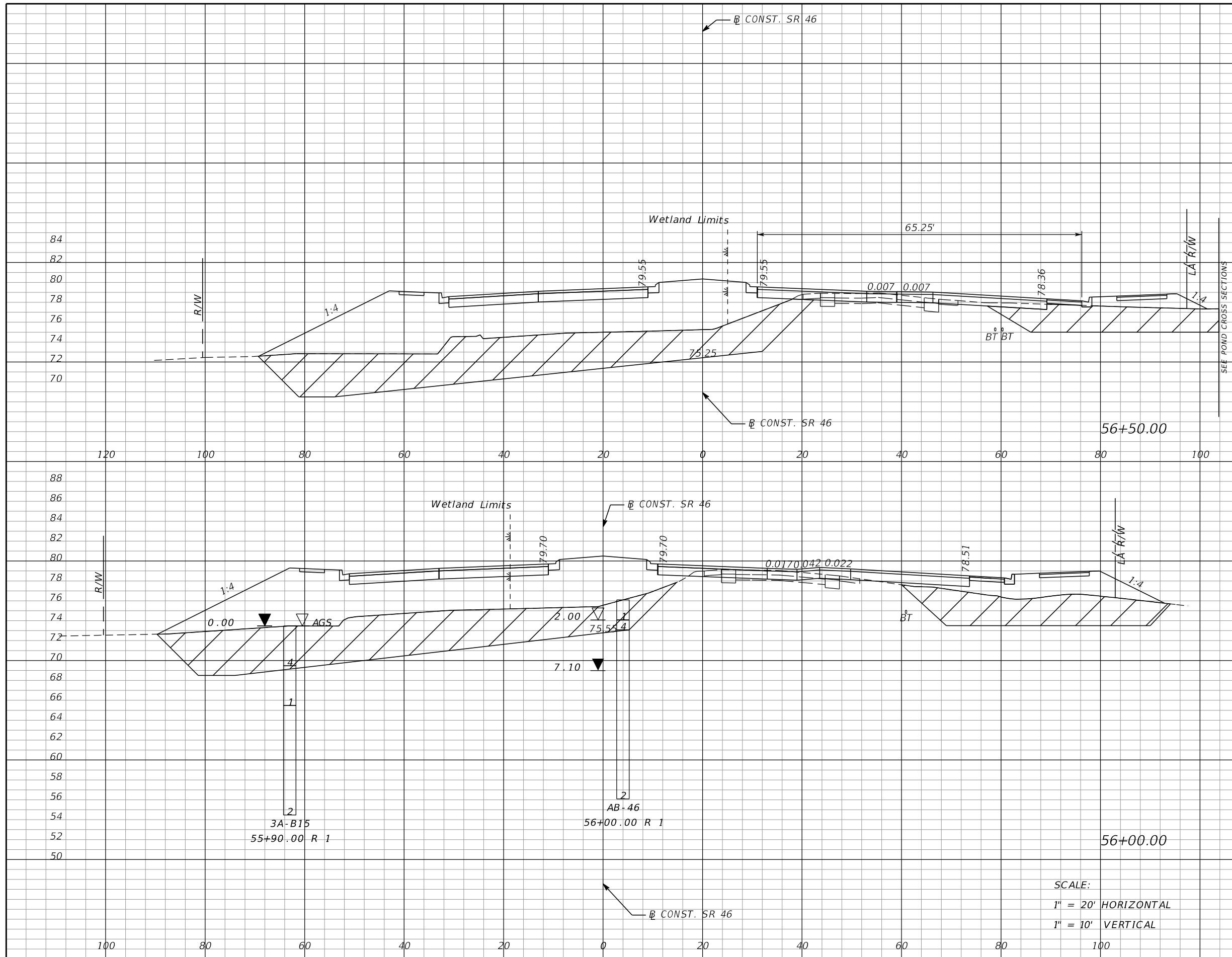
MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS		SHEET NO.
SR 46		215

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
497		15		903	
	934		21		1722
512		8		957	
	1094		13		2212

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

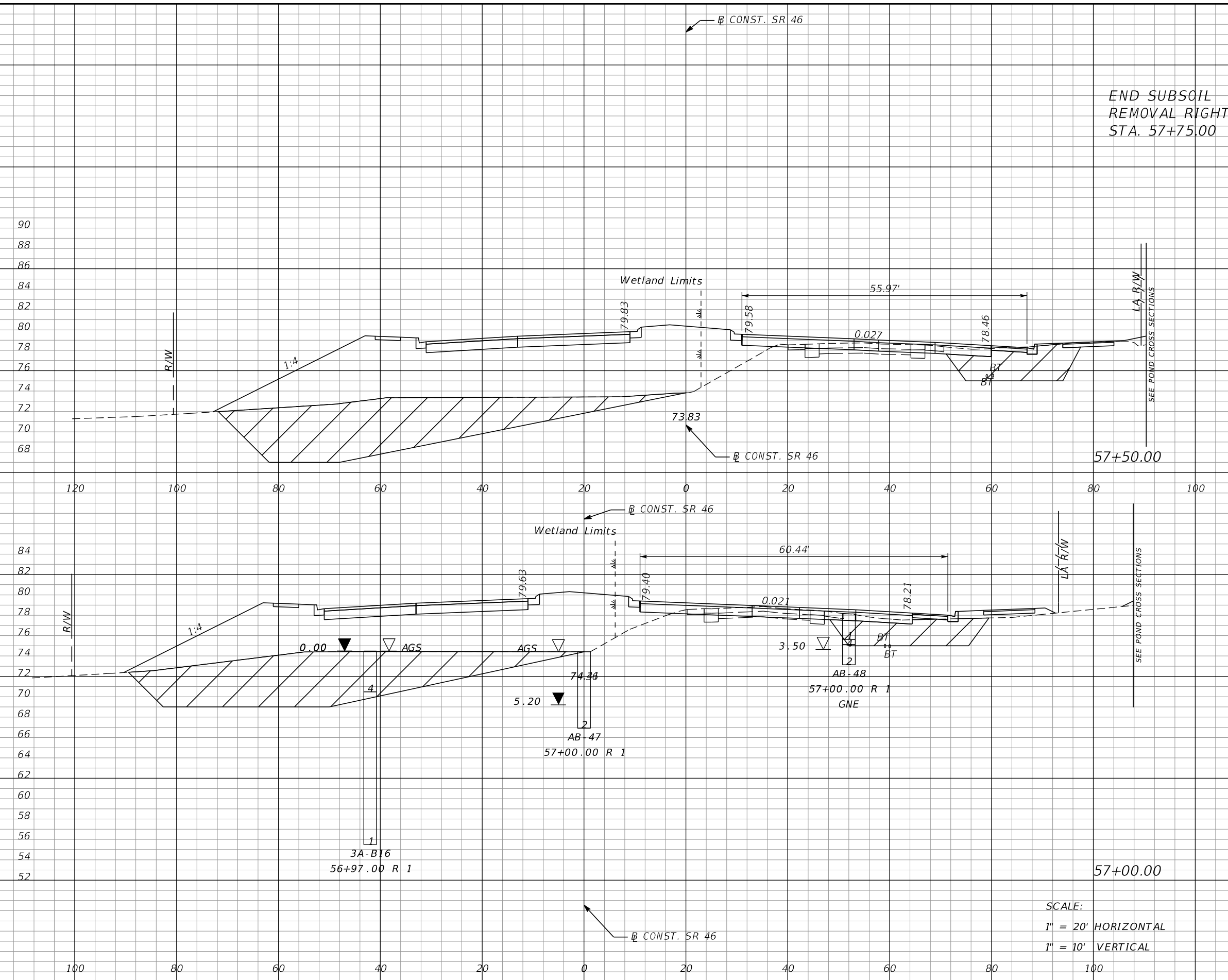
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
216

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
372		22		872	
	685		35		1518
368		16		767	
	801		29		1546



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

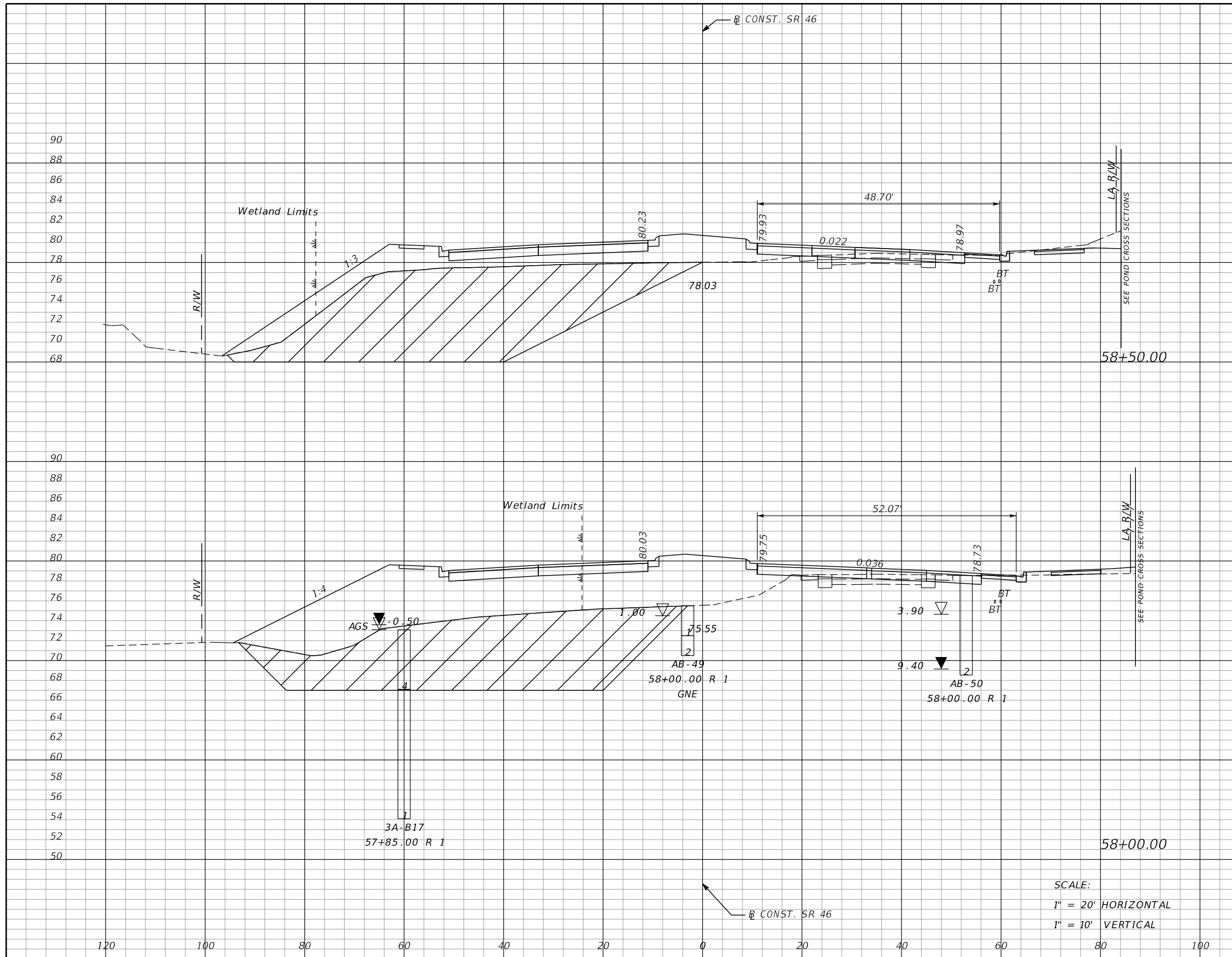
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
217

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
553		25		748	
	973		37		1590
498		15		969	
	806		34		1705

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
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 FL REGISTRATION NO. 56003

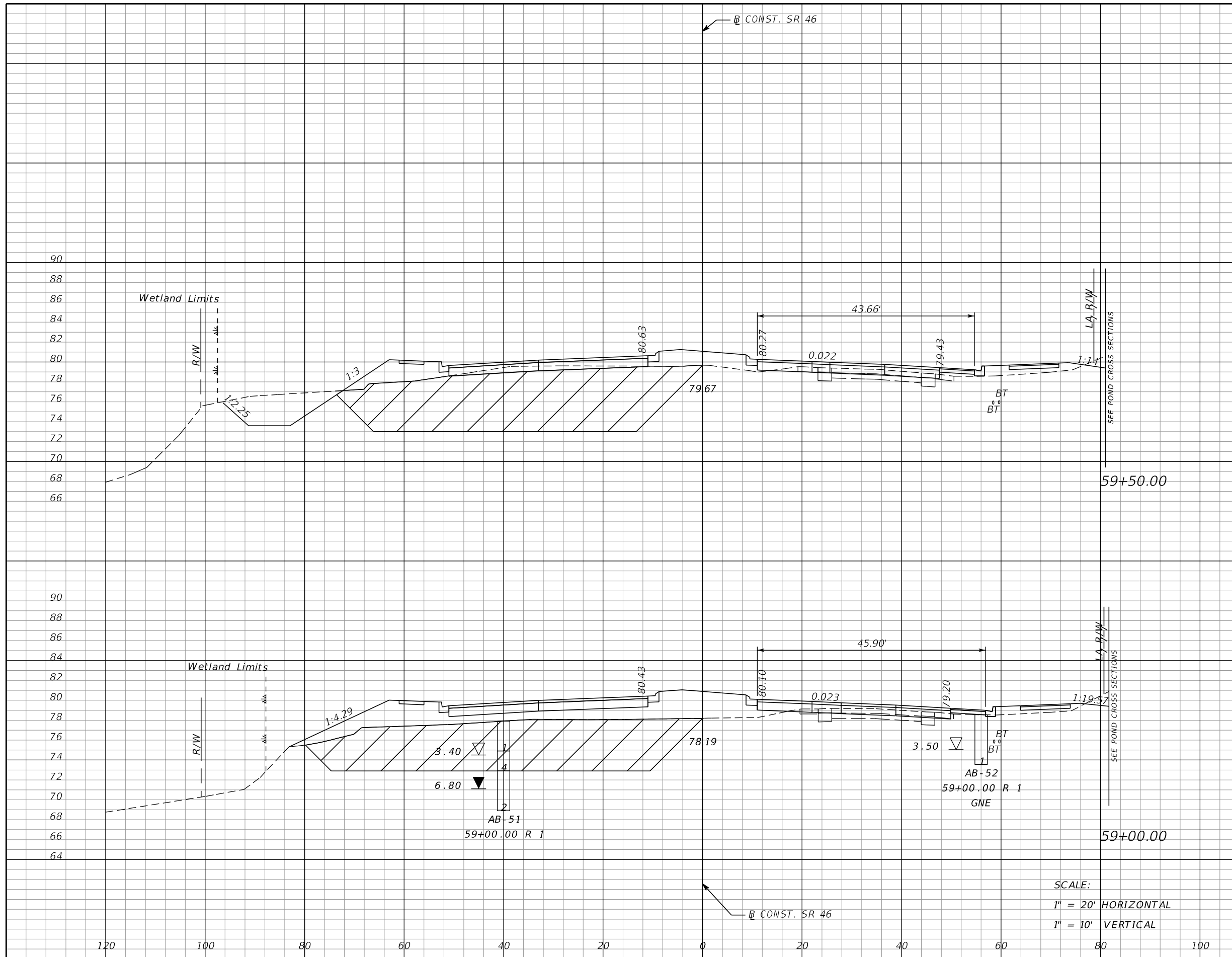
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
218

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
368	656	59	64	450	882
341	828	10	32	503	1158

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

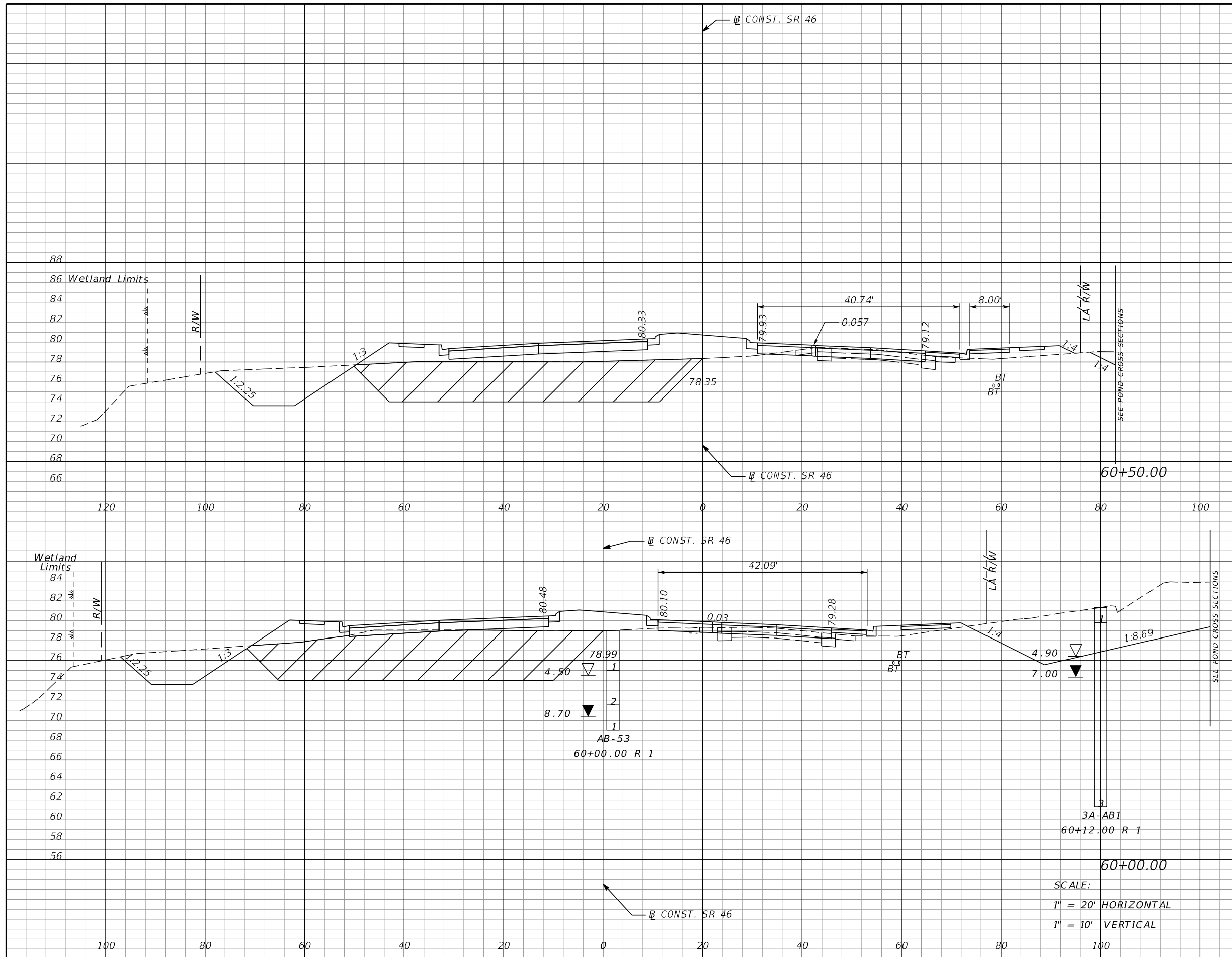
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
219

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
253		80		370	
	507		315		692
295		260		377	
	614		295		766



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

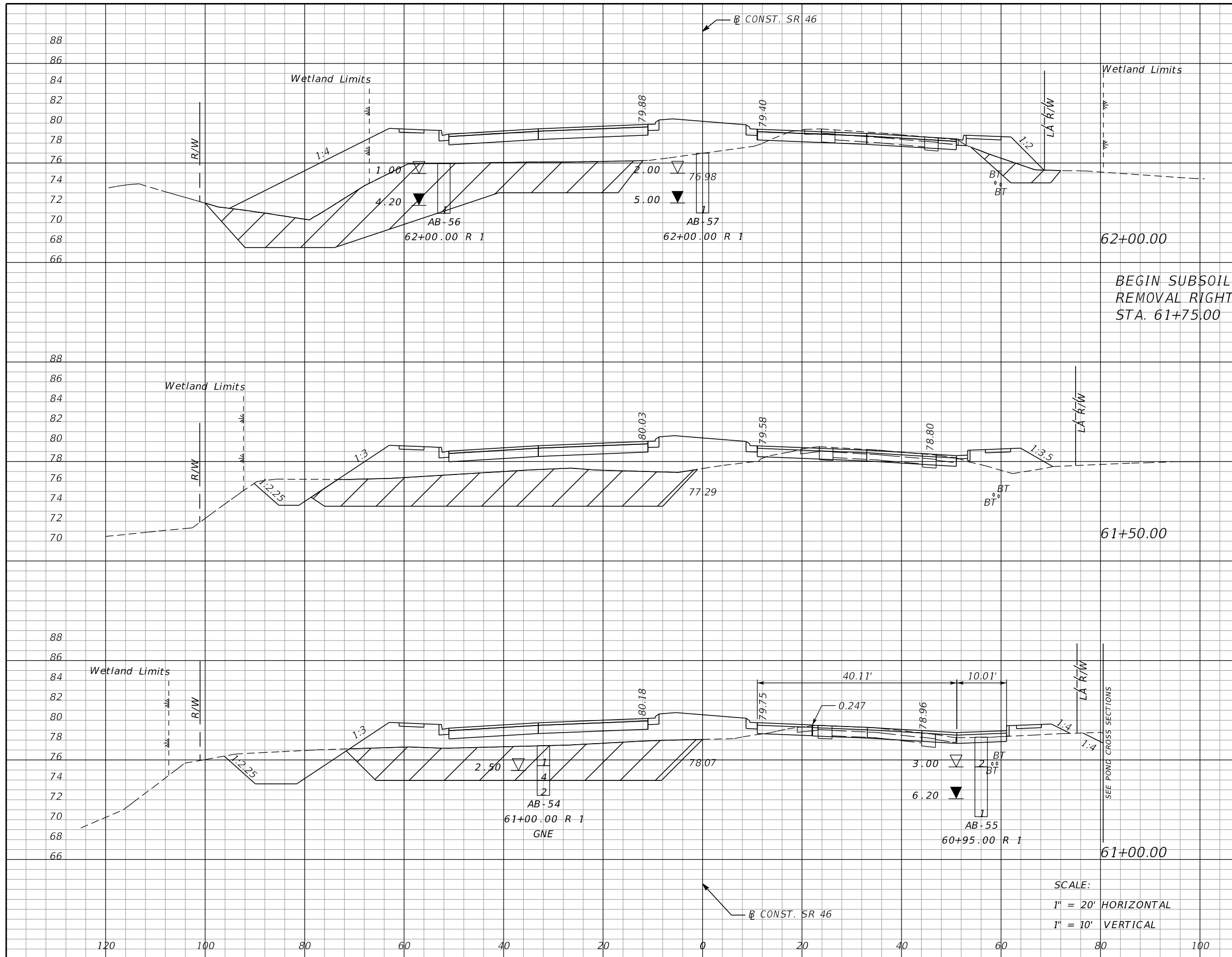
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
220

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
339		25		674	
	533		68		1024
237		48		432	
	431		116		741
229		77		368	
	446		145		683

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
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 FL REGISTRATION NO. 56003

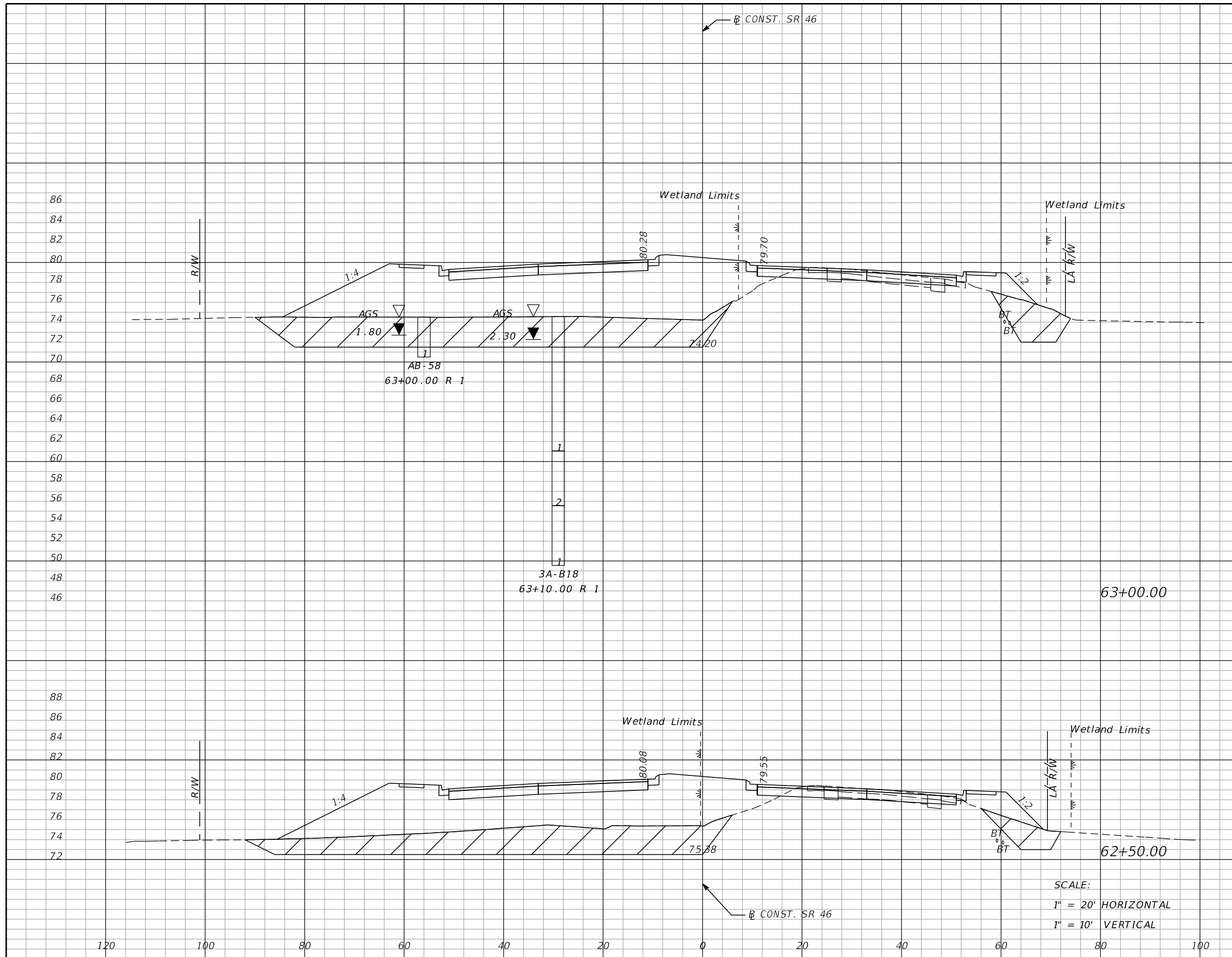
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
221

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
308		14		733	
	512		29		1246
245		17		613	
	541		39		1192

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
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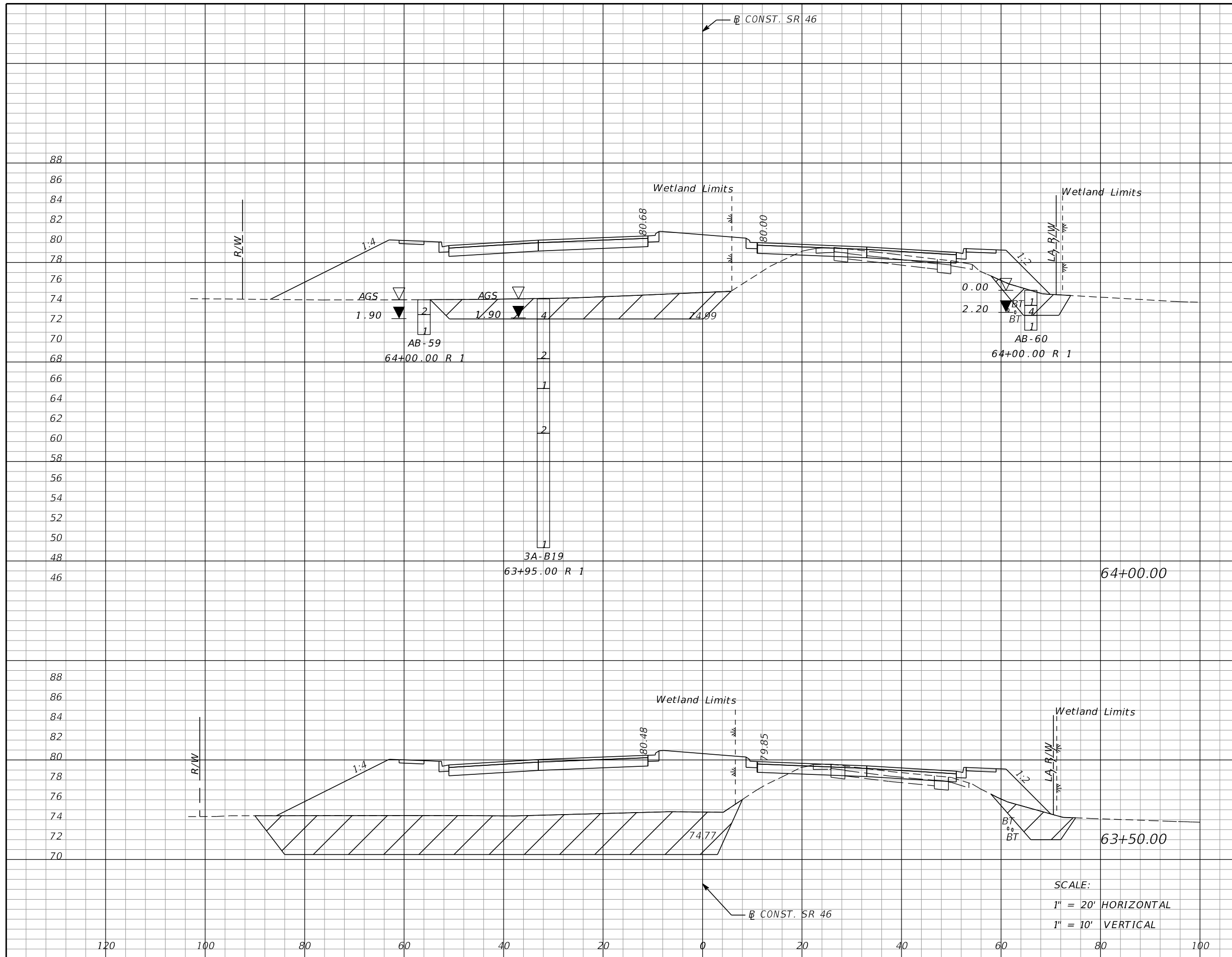
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
 222

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
150		8		647	
	511		18		1402
402		11		867	
	657		23		1481

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
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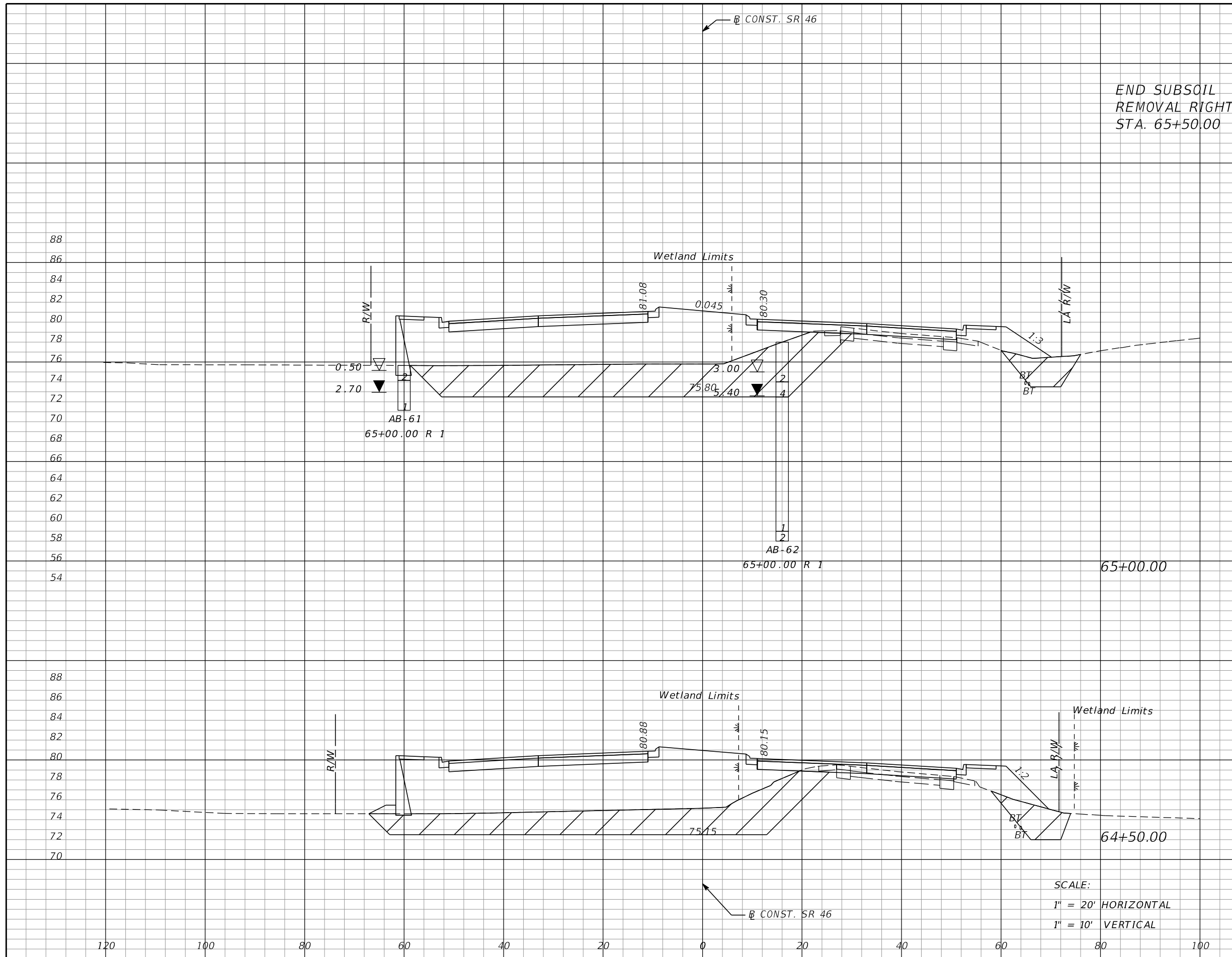
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
223

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
324		8		676	
	545		16		1241
265		9		664	
	384		16		1214

END SUBSOIL
REMOVAL RIGHT
STA. 65+50.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

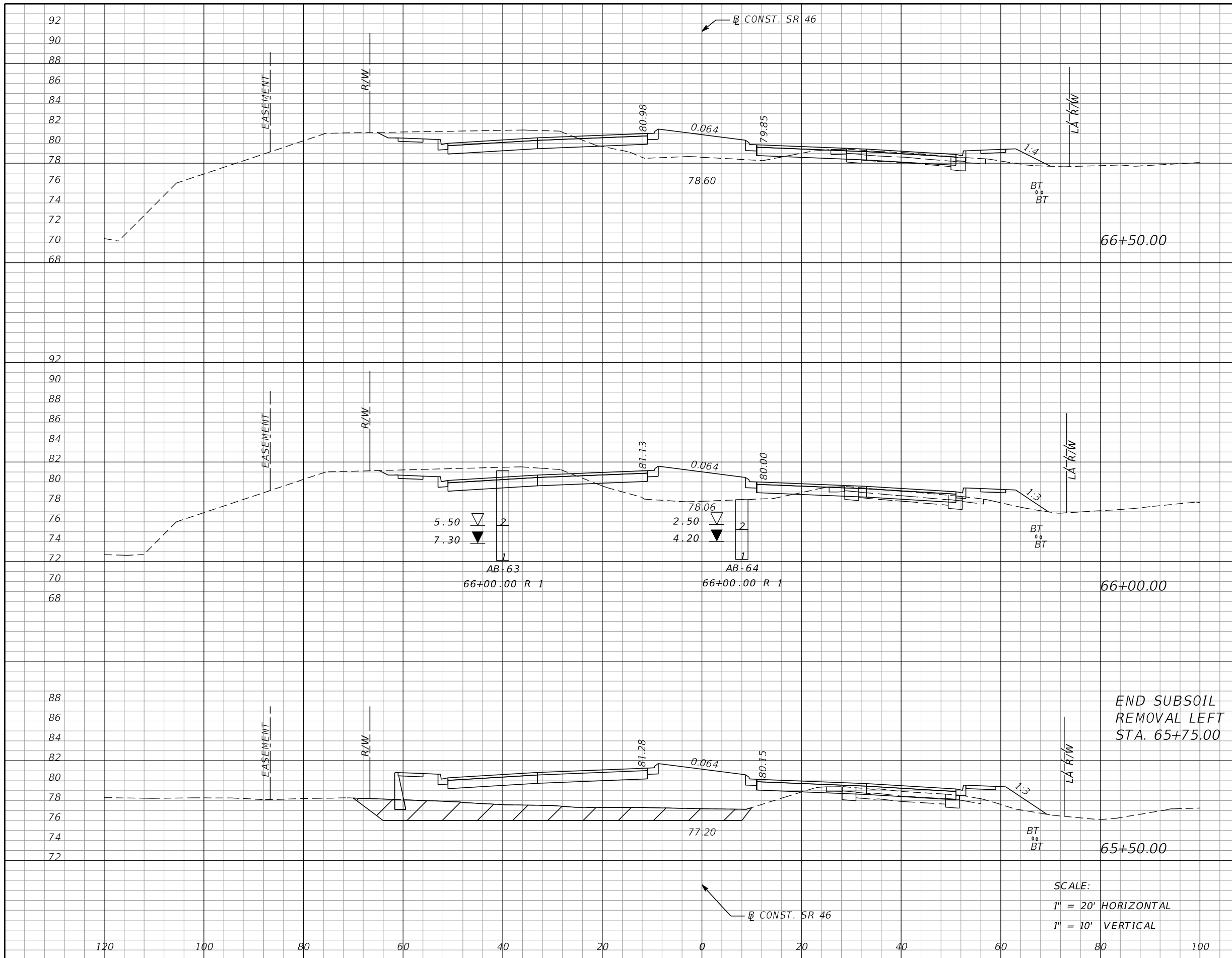
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
224

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		50		91	
	0		94		182
0		52		106	
	107		56		415
116		9		342	
	407		16		943

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

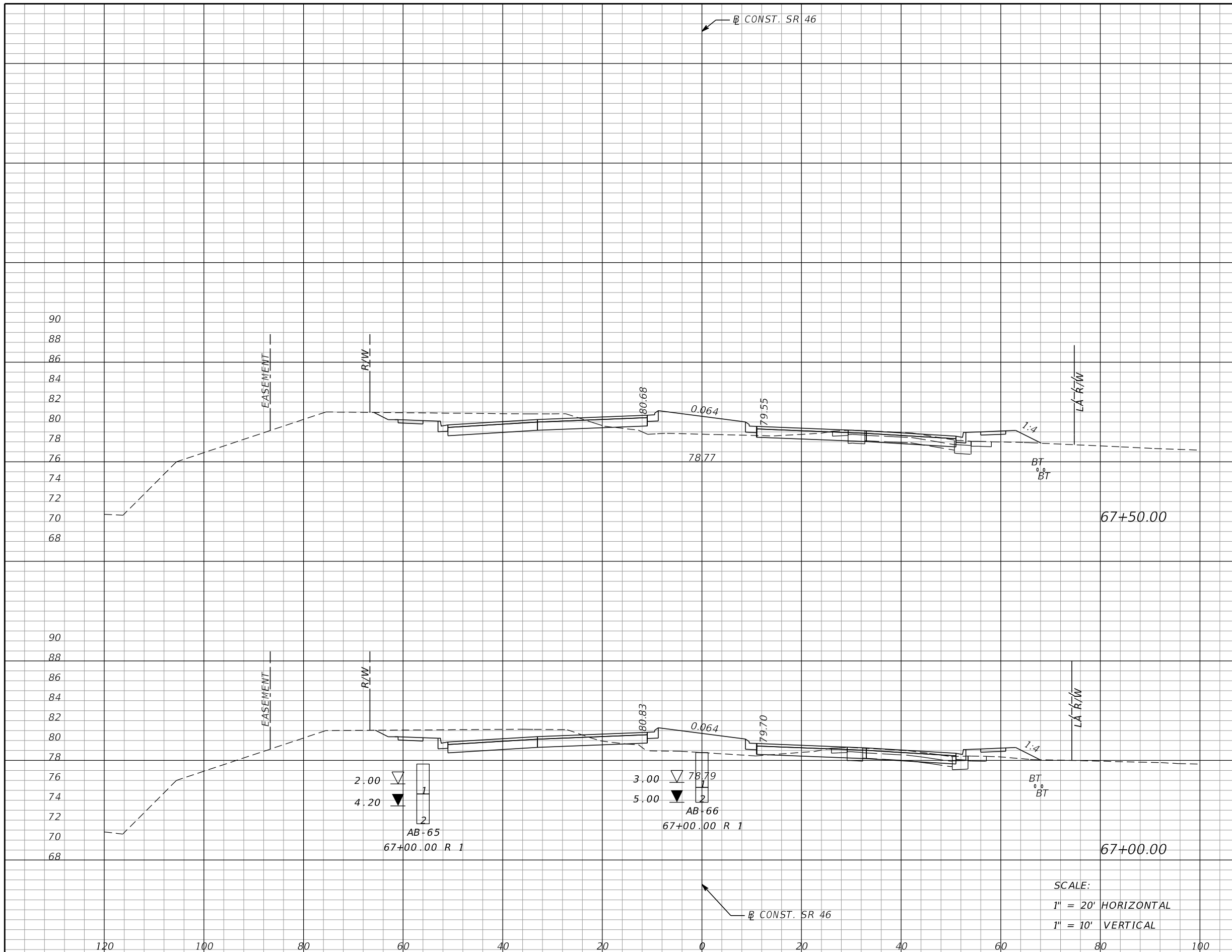
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
225

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

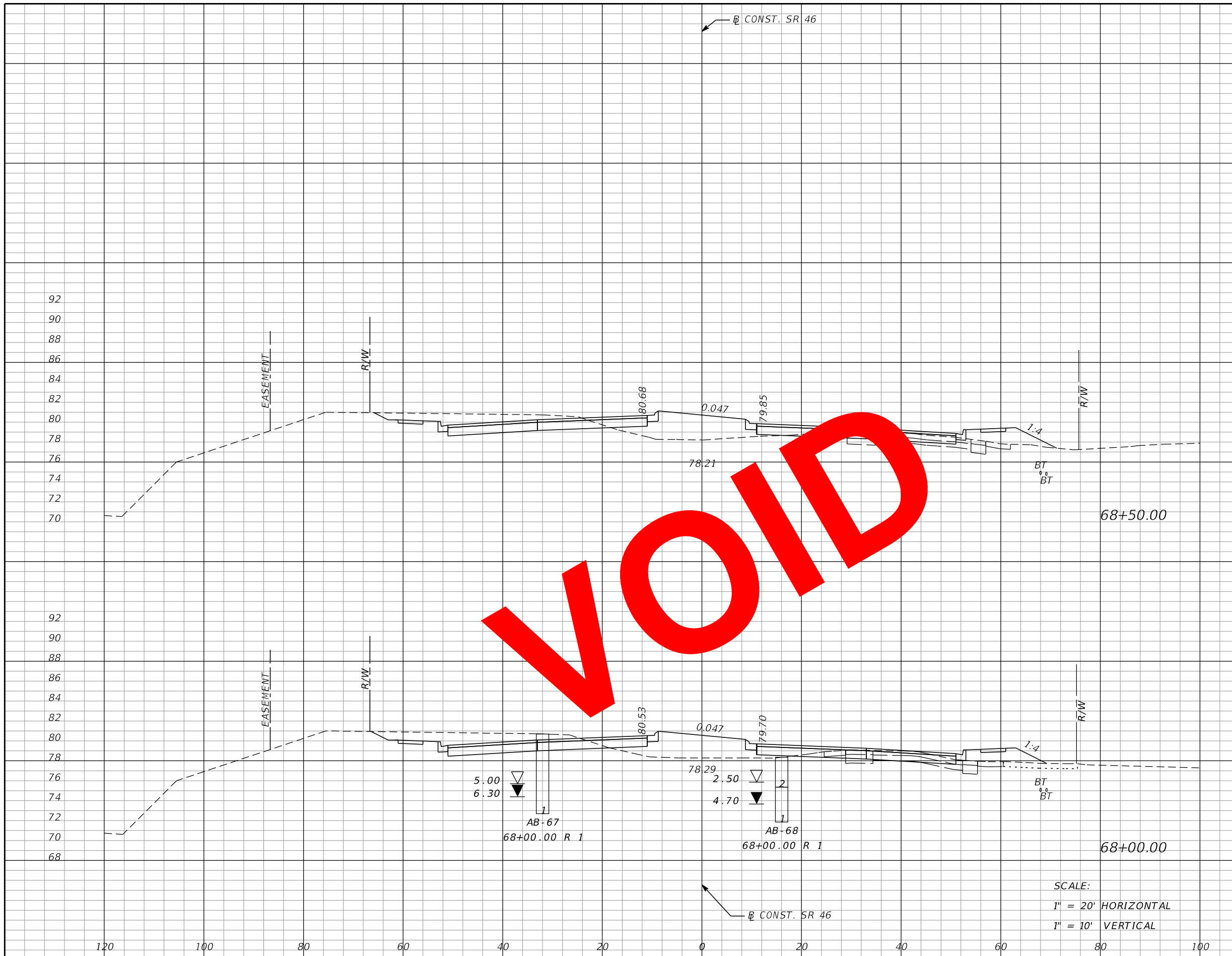


Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	50	96	71	131
0	0	54	96	70	149

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 46		SHEET NO. 226
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. COUNTY FINANCIAL PROJECT ID SR 46 LAKE 238275-2-52-01					

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Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	43	83	99	175
0	0	47	90	90	149

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

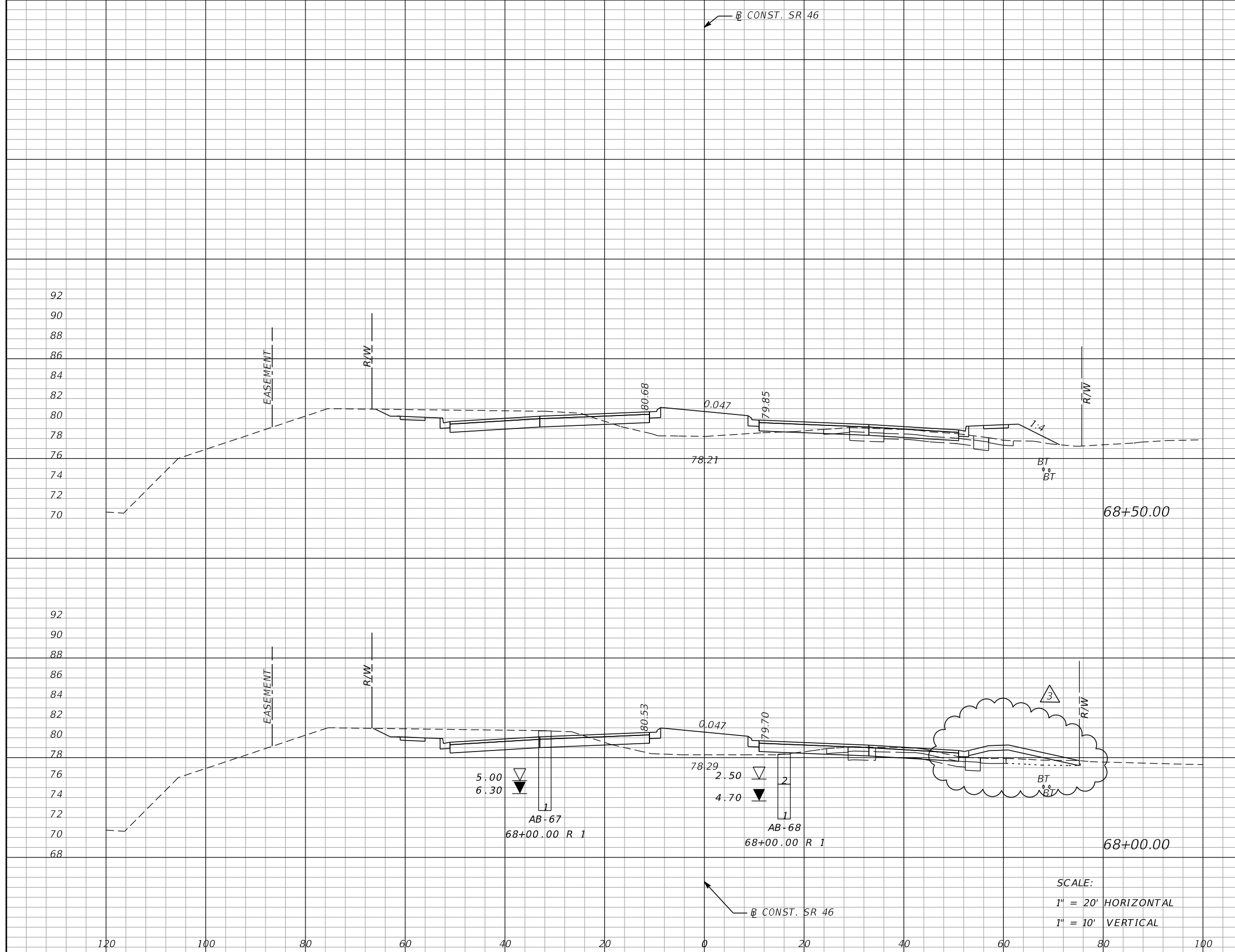
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46


SHEET NO.
227

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		43		99	
	0		83		175
0		47		90	
	0		90		149

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
08/11/17	SAS  ADDED DRIVEWAY STA. 68+00 RT.		

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

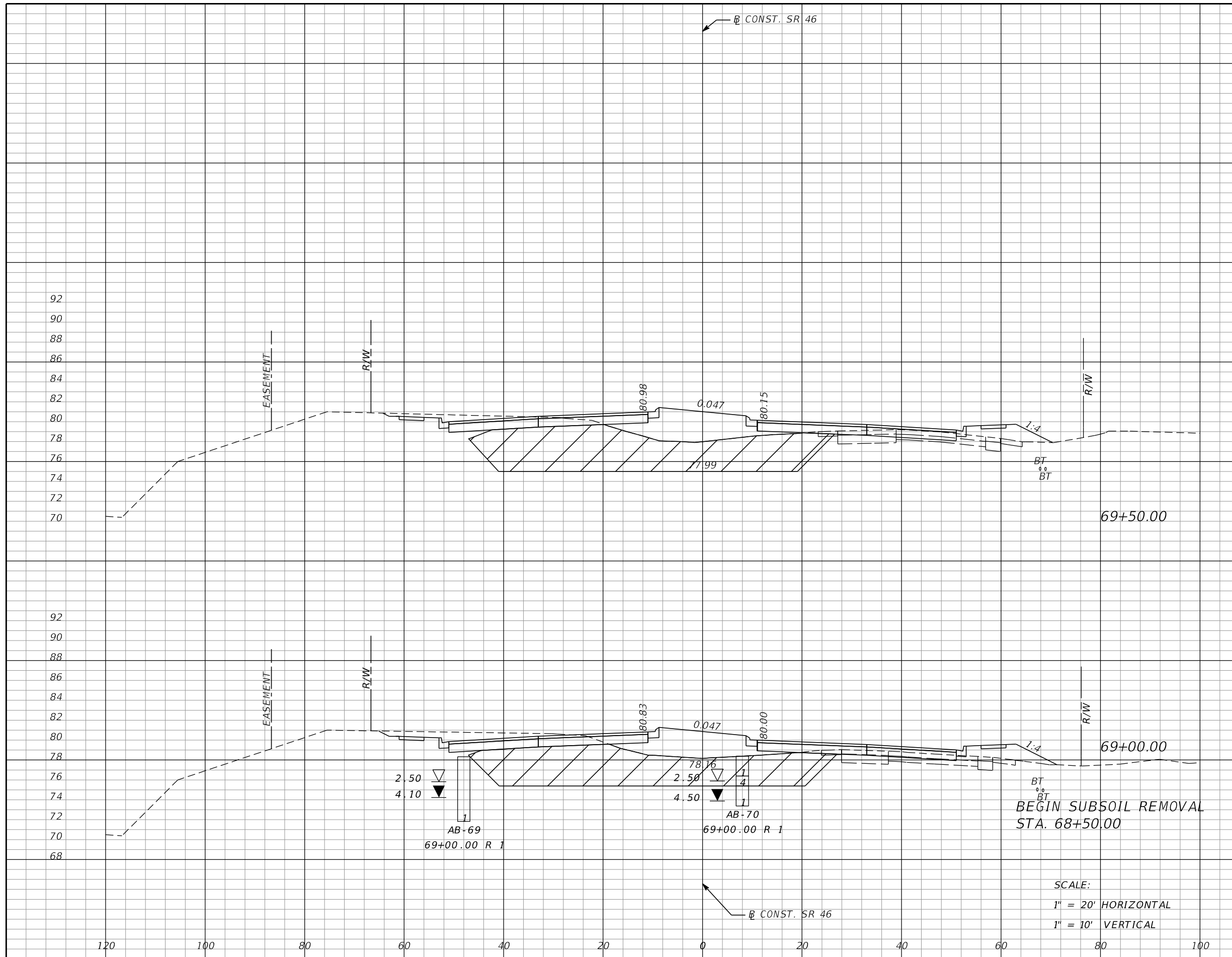
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. **227**

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
258	456	25	53	386	681
235	218	32	69	350	416

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

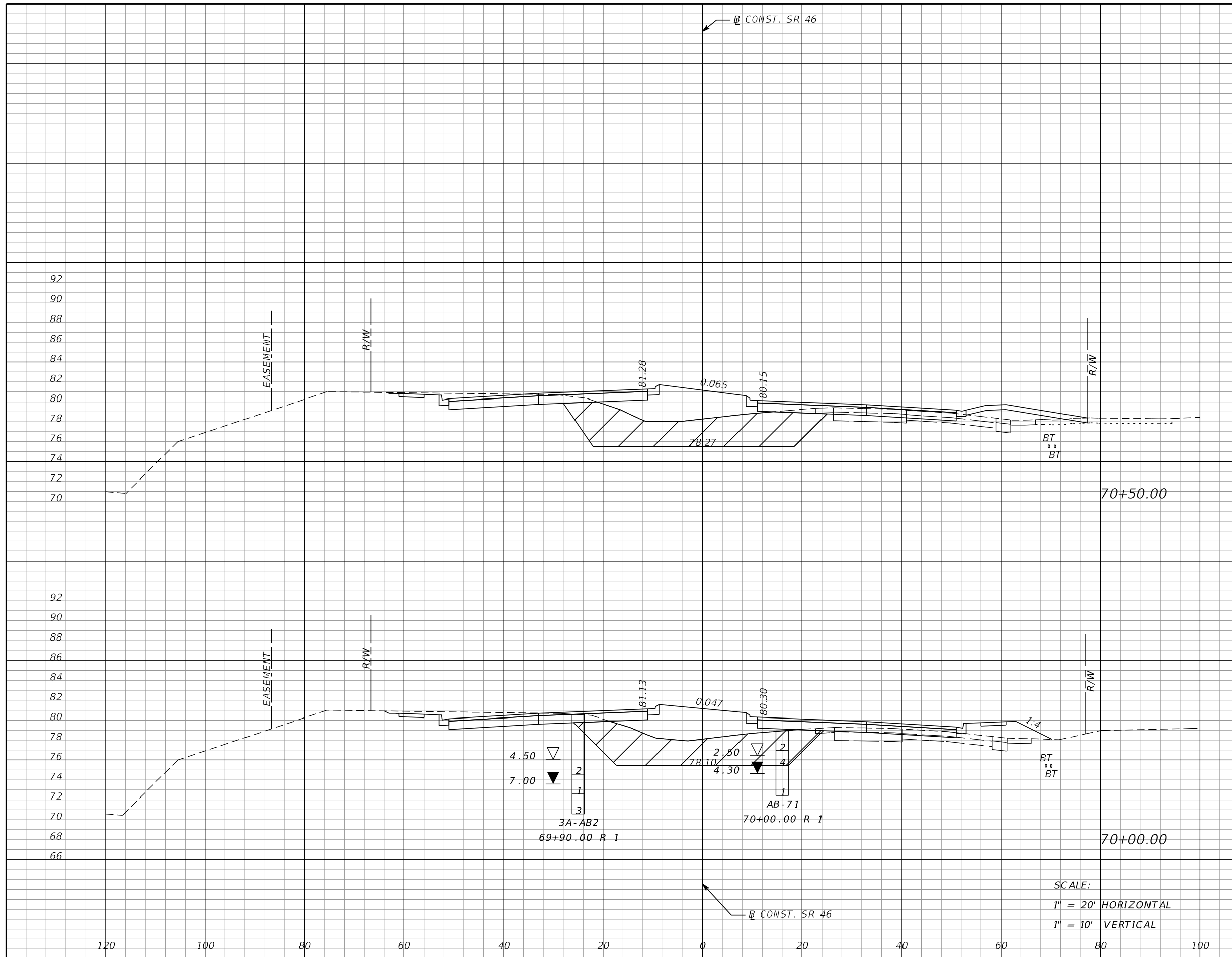
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
228

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
152		30		281	
	269		52		512
139		26		272	
	368		47		609

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
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ENGINEER OF RECORD:
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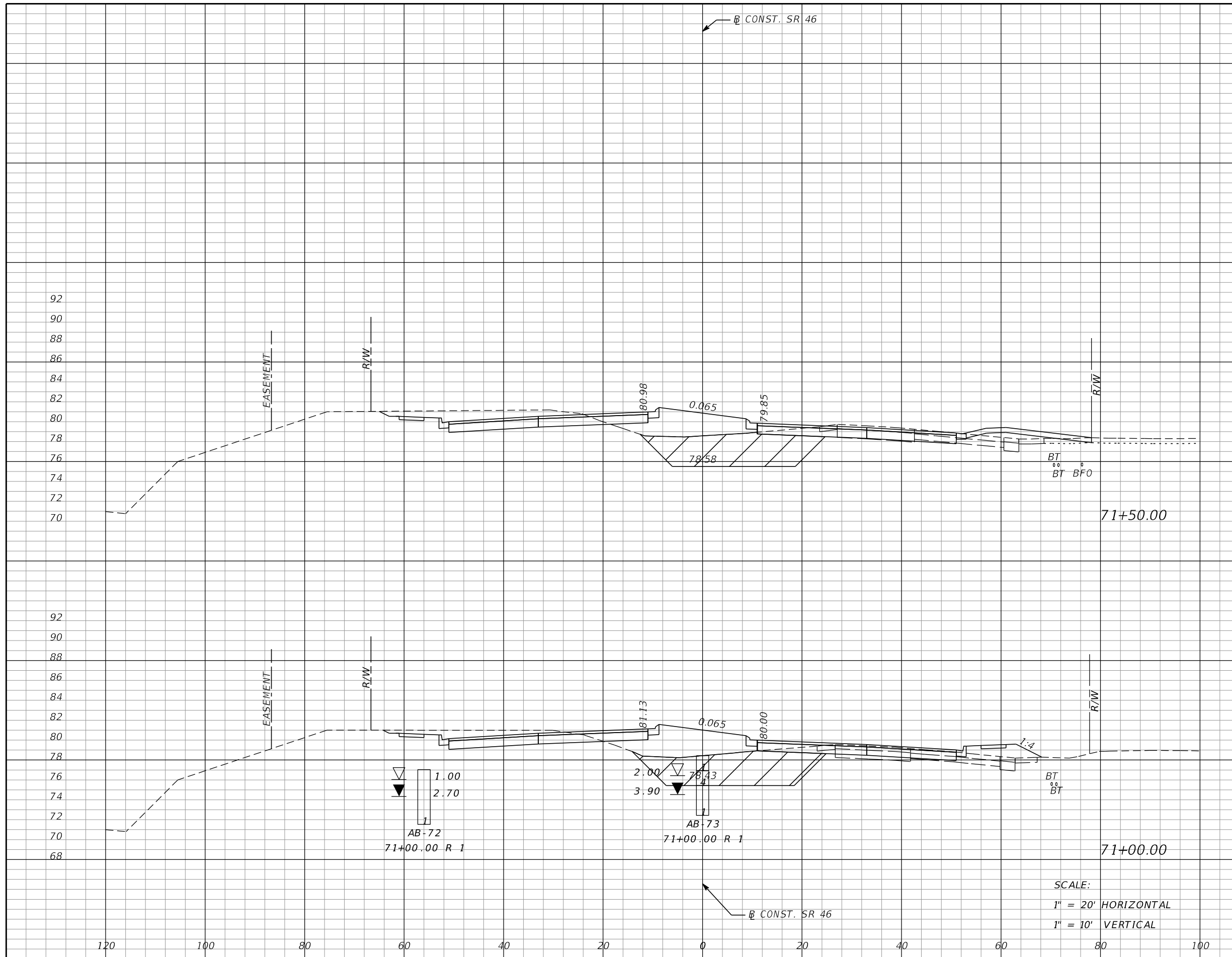
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
229

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
97		67		186	
	183		103		370
101		44		214	
	234		69		458

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
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 FL REGISTRATION NO. 56003

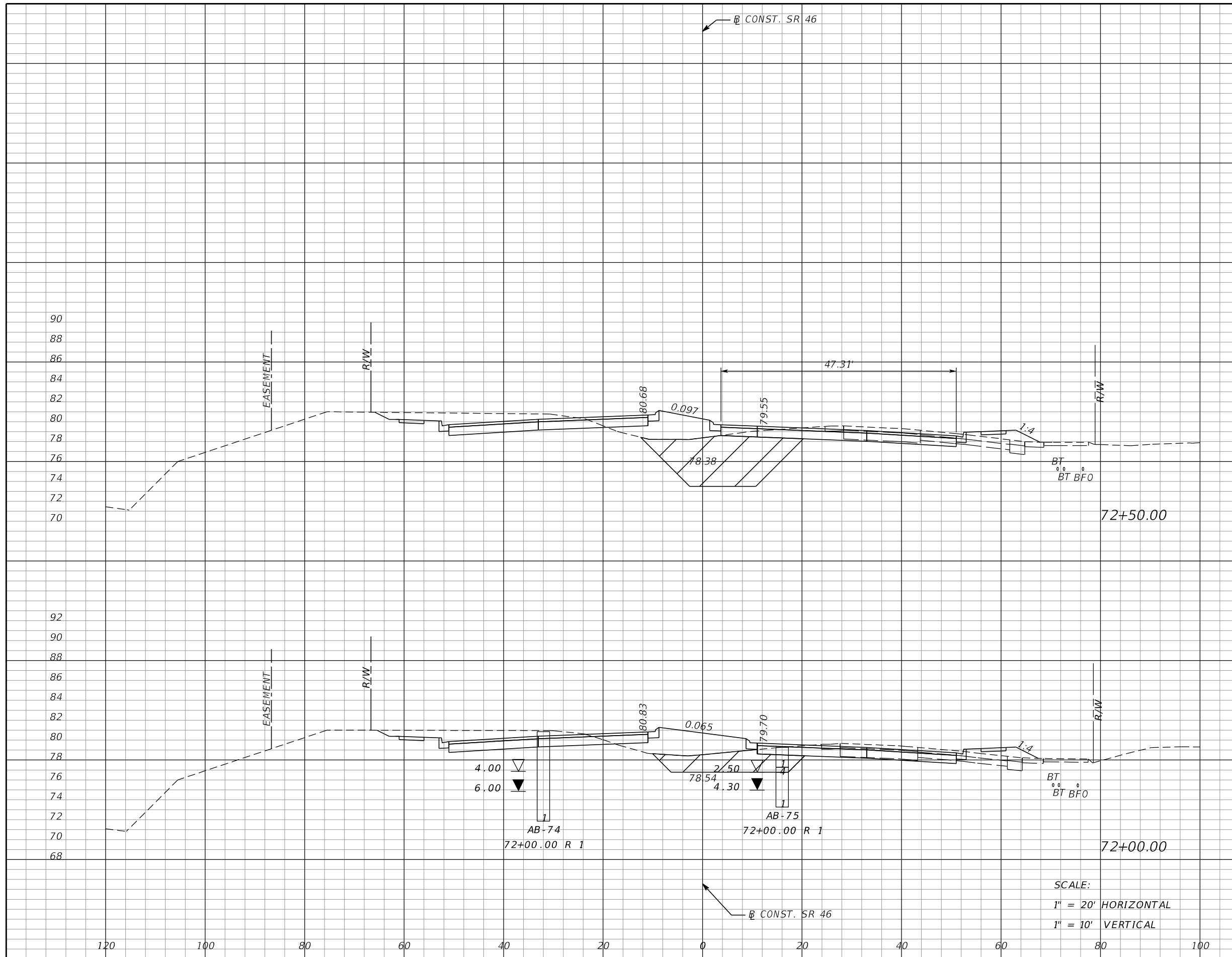
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
230

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
112		76		192	
	150		141		305
50		76		137	
	136		132		299

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

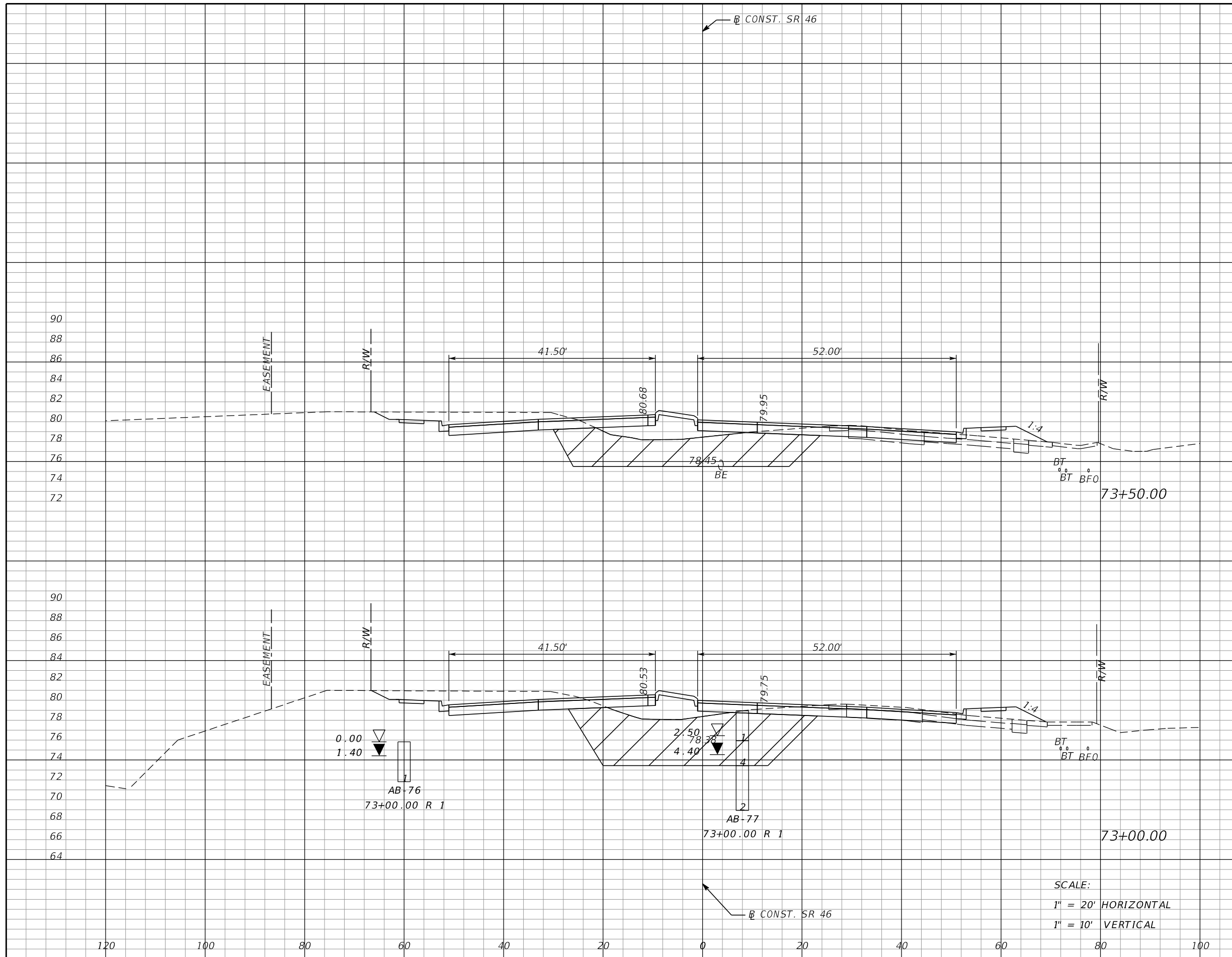
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
231

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
154	340	56	118	243	496
213	301	71	136	293	449

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
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ENGINEER OF RECORD:
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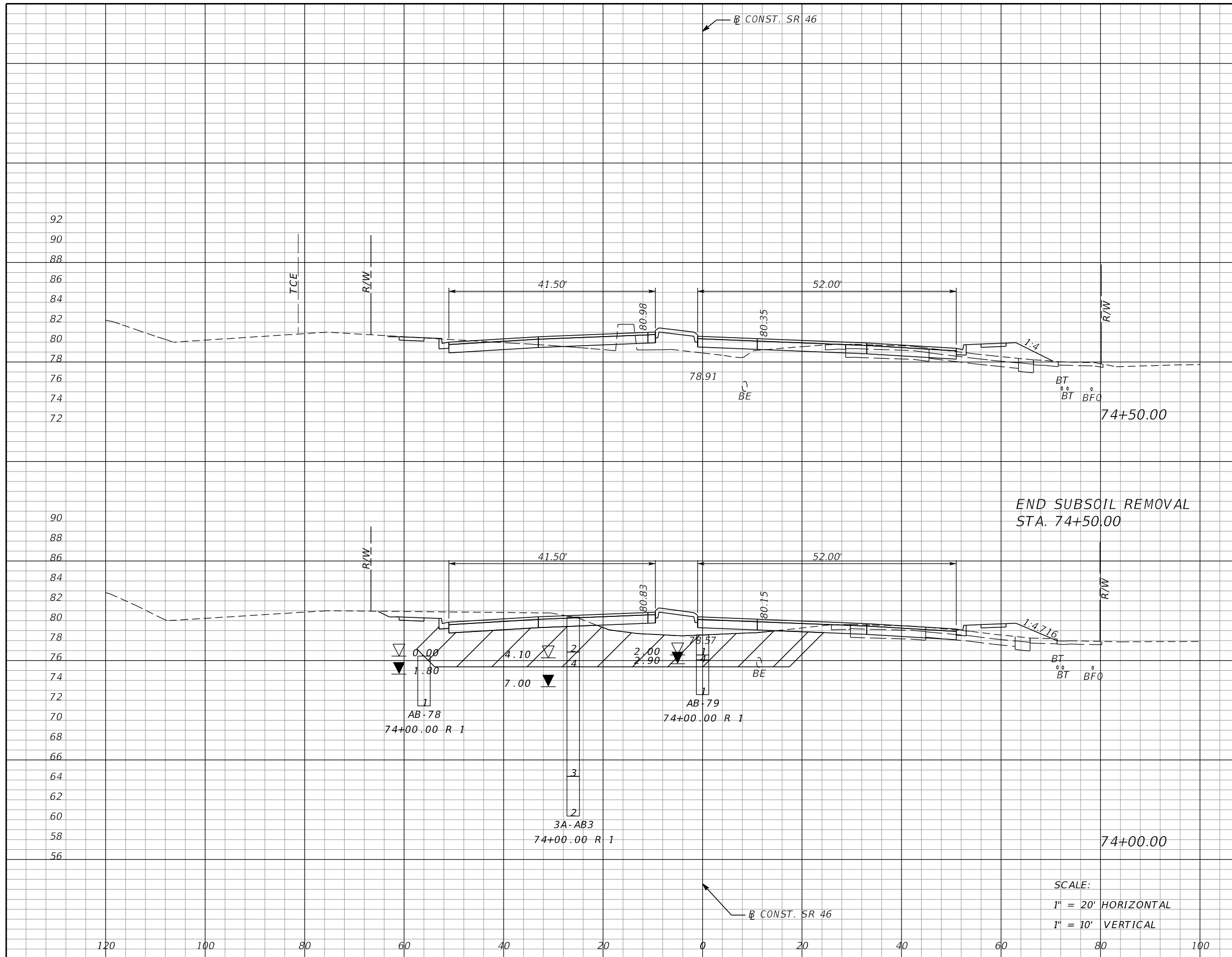
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
232

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	209	31	54	83	402
226	352	27	77	351	550

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

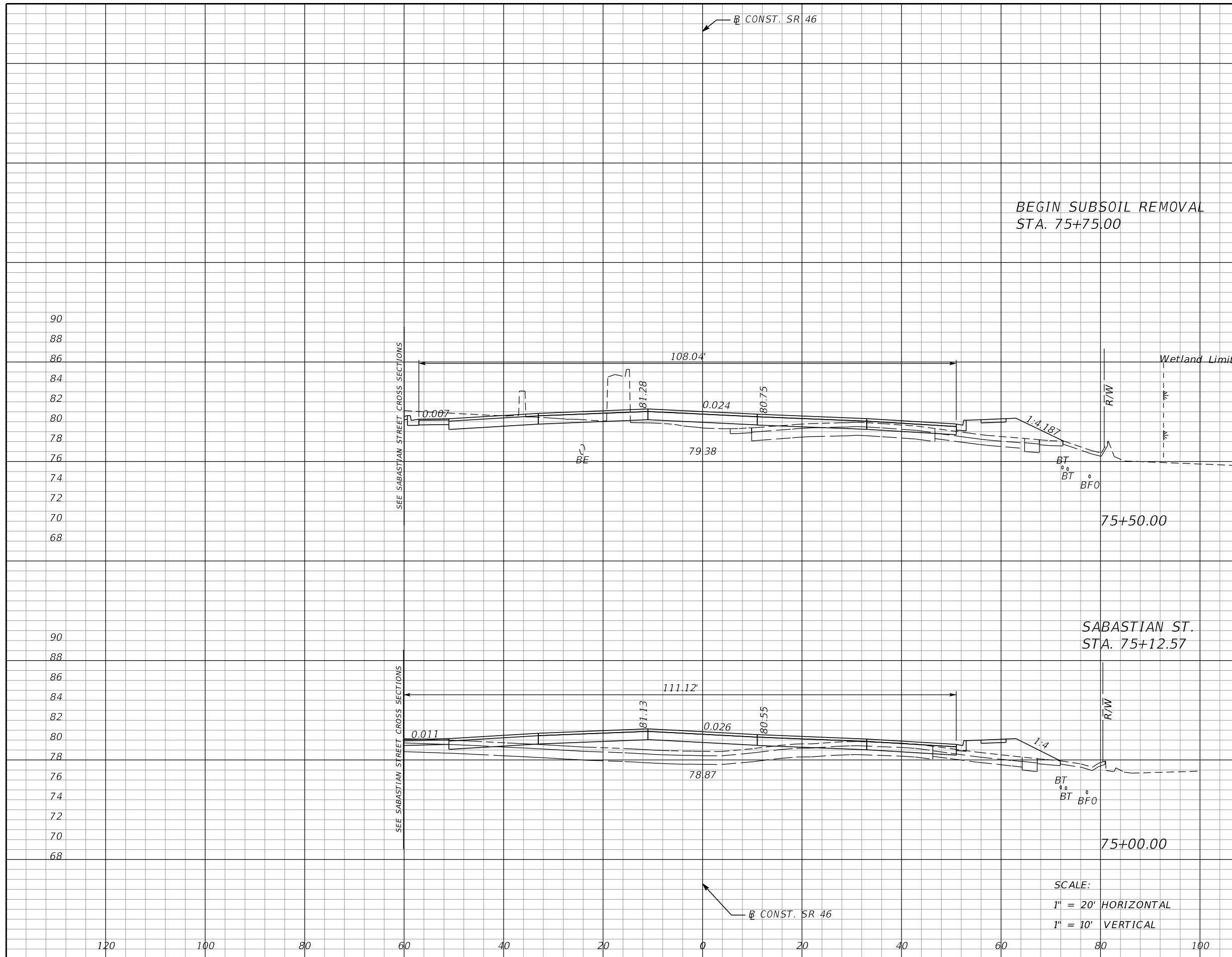
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS		SHEET NO.
SR 46		233

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	53	80	52	108
0	0	33	59	65	137

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

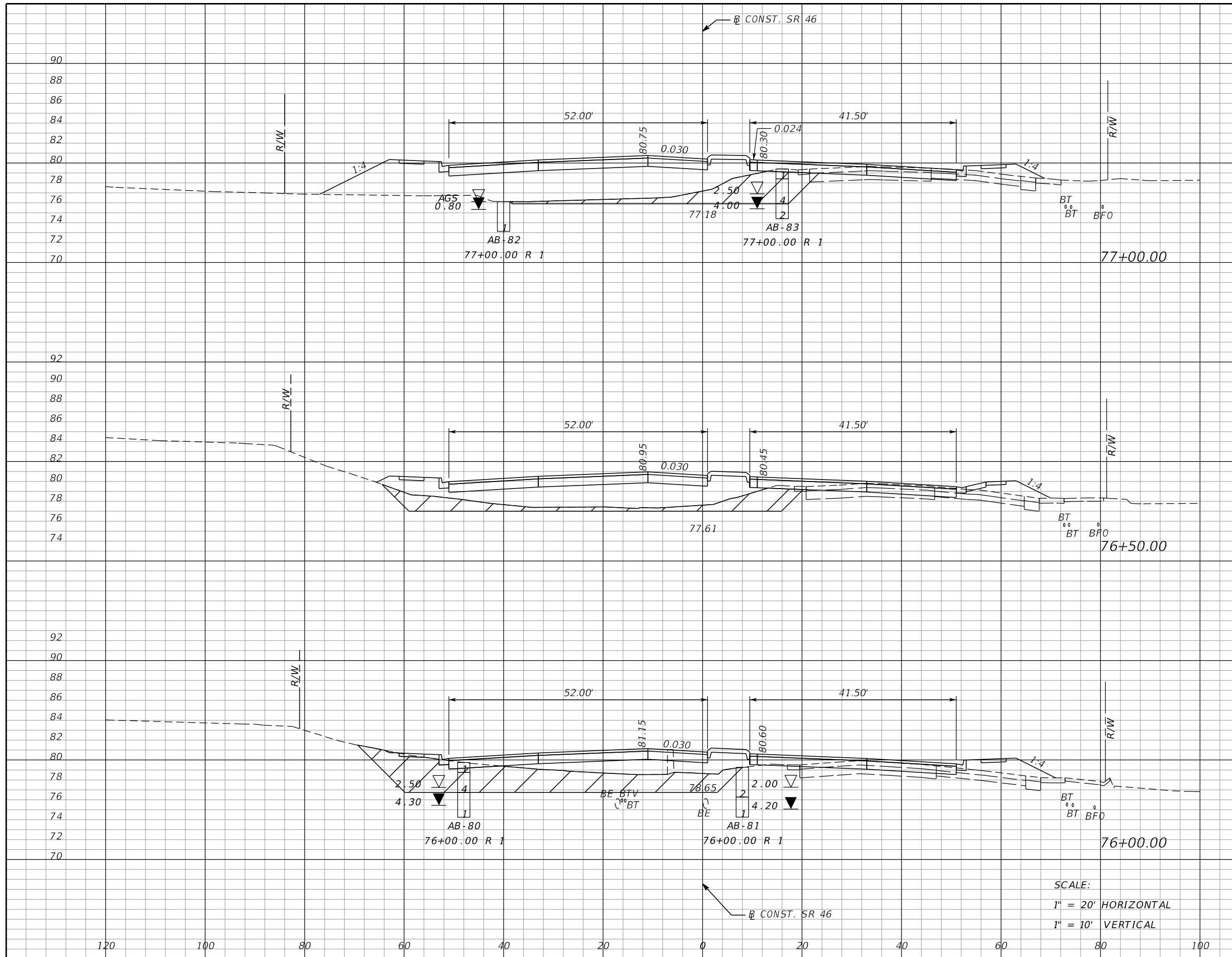
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO. 234

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
74	137	23	42	326	522
74	224	22	38	238	458
168	156	19	67	257	286

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

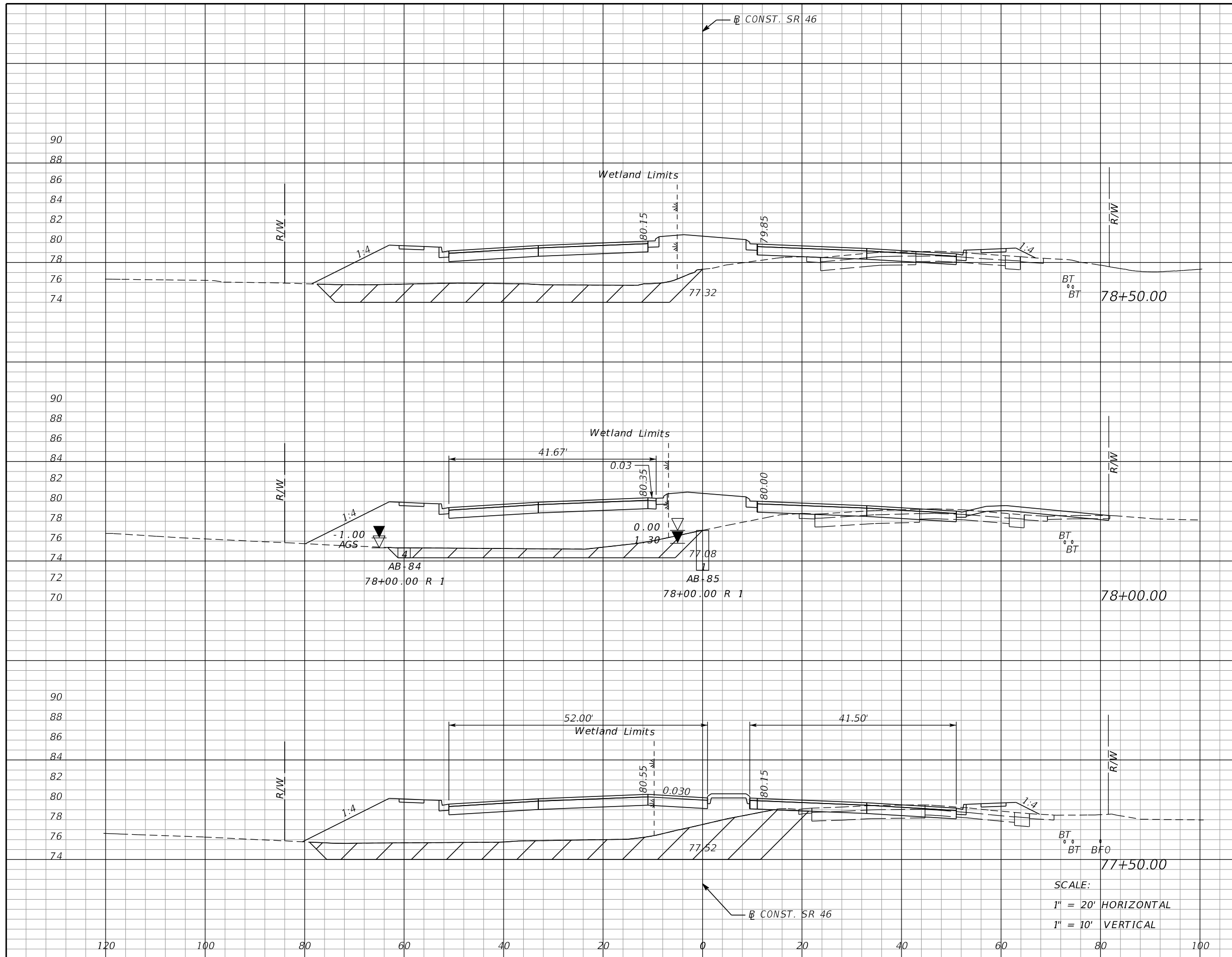
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS		SHEET NO.
SR 46		235

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
133		13		406	
	186		26		731
68		15		383	
	270		32		819
224		20		502	
	276		40		767

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
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 FL REGISTRATION NO. 56003

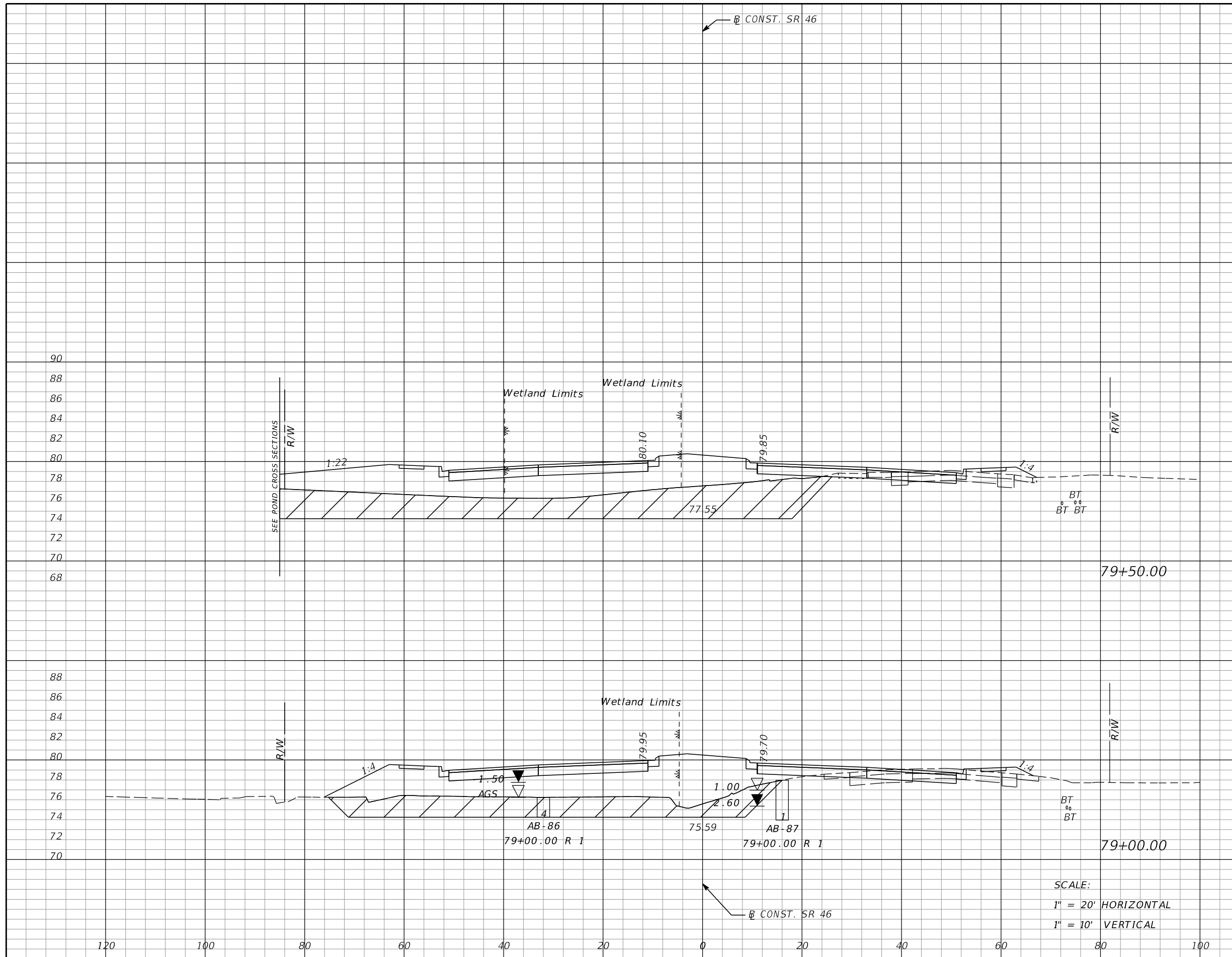
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
236

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
295		10		537	
	432		24		884
172		16		418	
	282		27		763

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

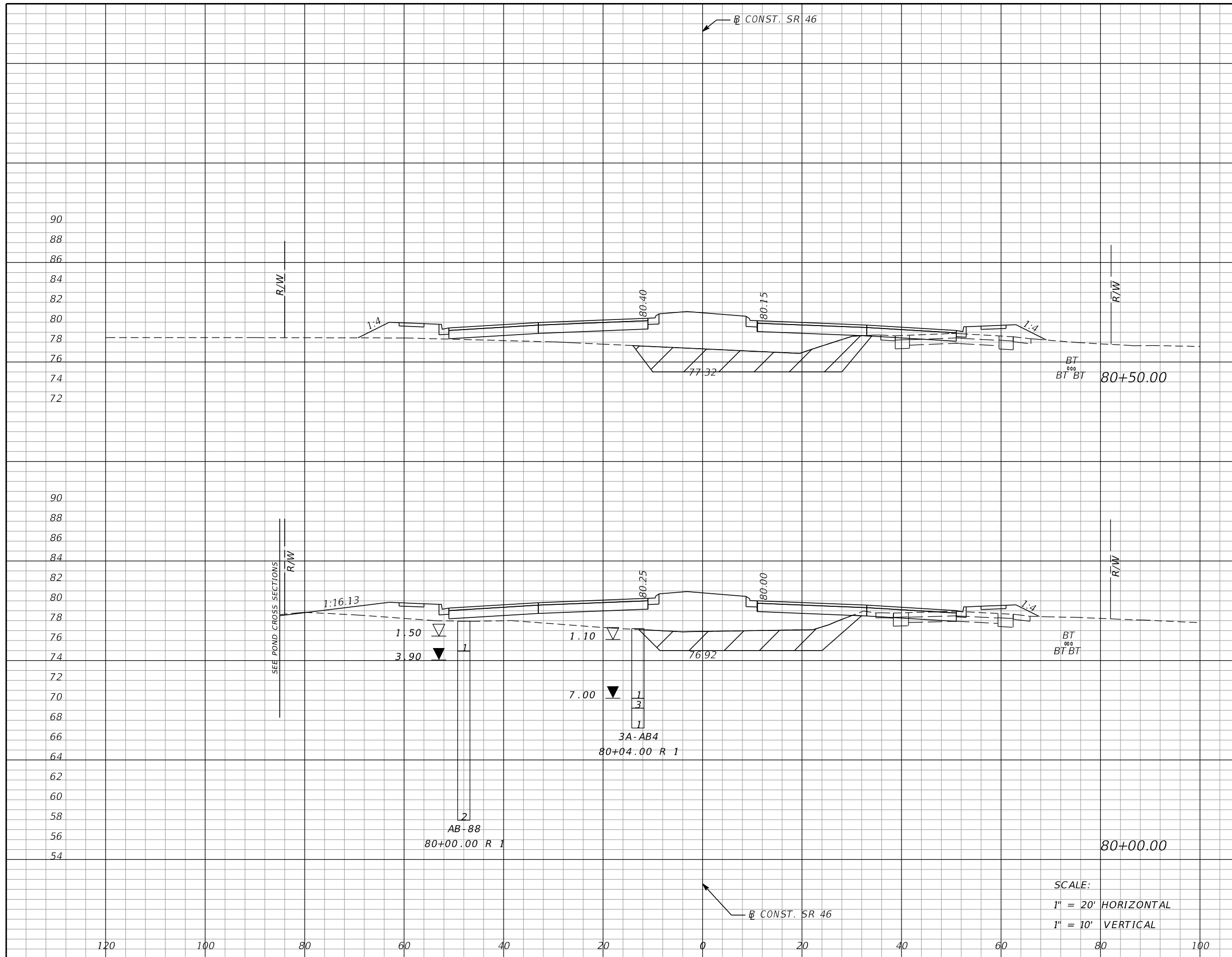
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
237

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



	Subsoil Exc.		Regular Exc.		Embankment	
	A	V	A	V	A	V
103			2		282	
		169		6		513
80			5		272	
		347		14		749

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
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 FL REGISTRATION NO. 56003

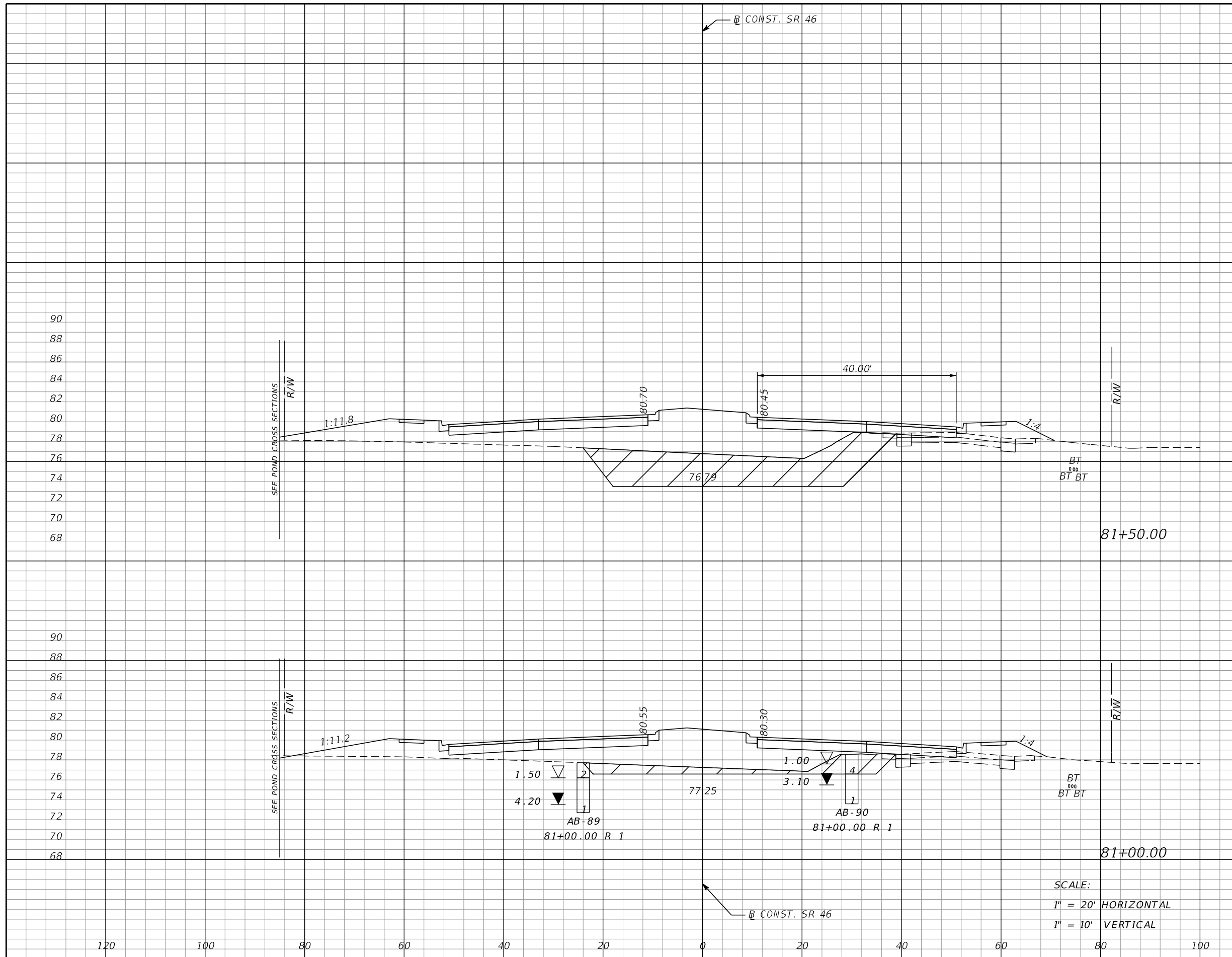
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
238

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



	Subsoil Exc.		Regular Exc.		Embankment	
	A	V	A	V	A	V
81+50.00	195	232	1	1	481	702
81+00.00	56	147	0	2	277	518

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

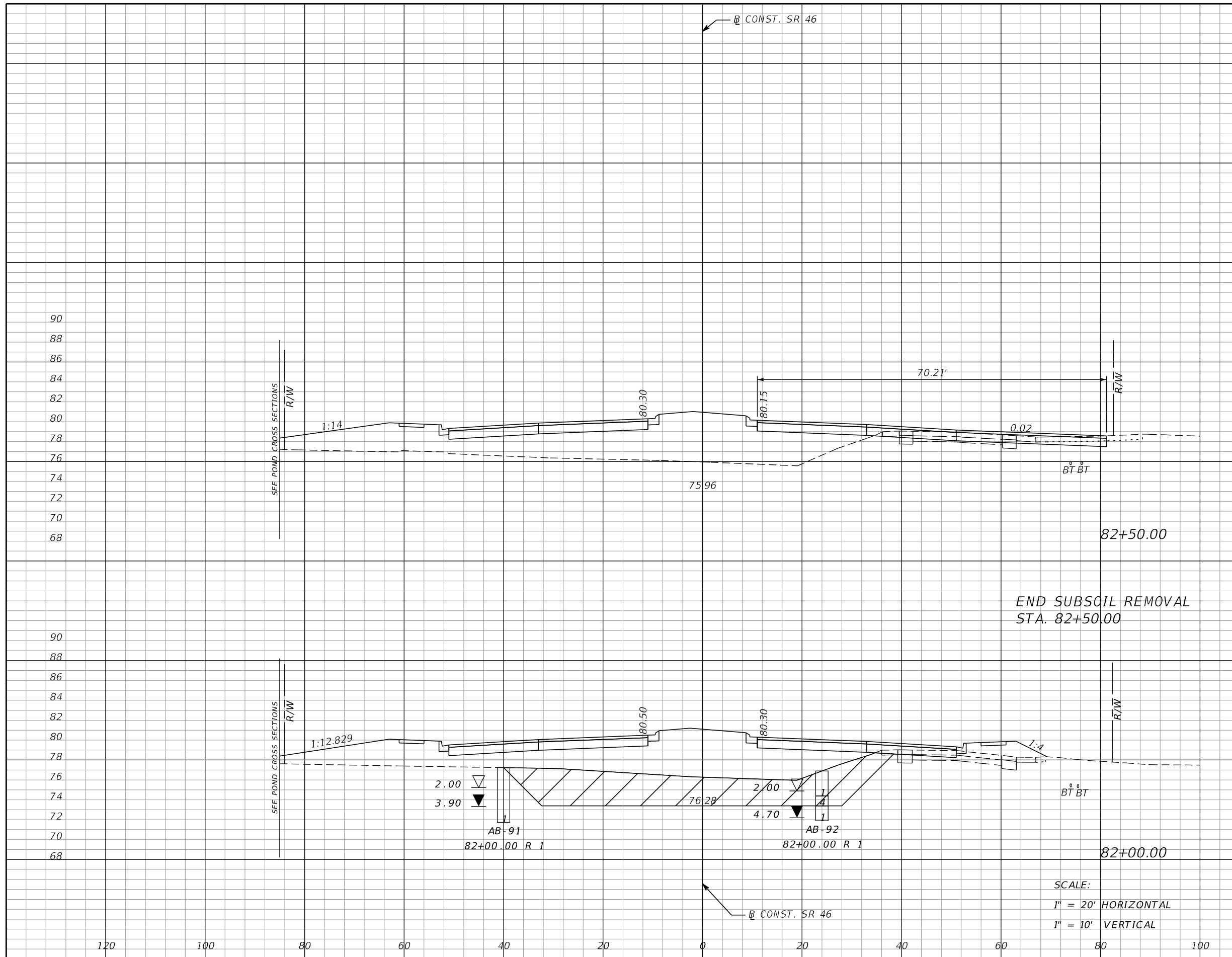
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
239

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		21		327	
	212		22		808
229		3		546	
	393		4		951

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
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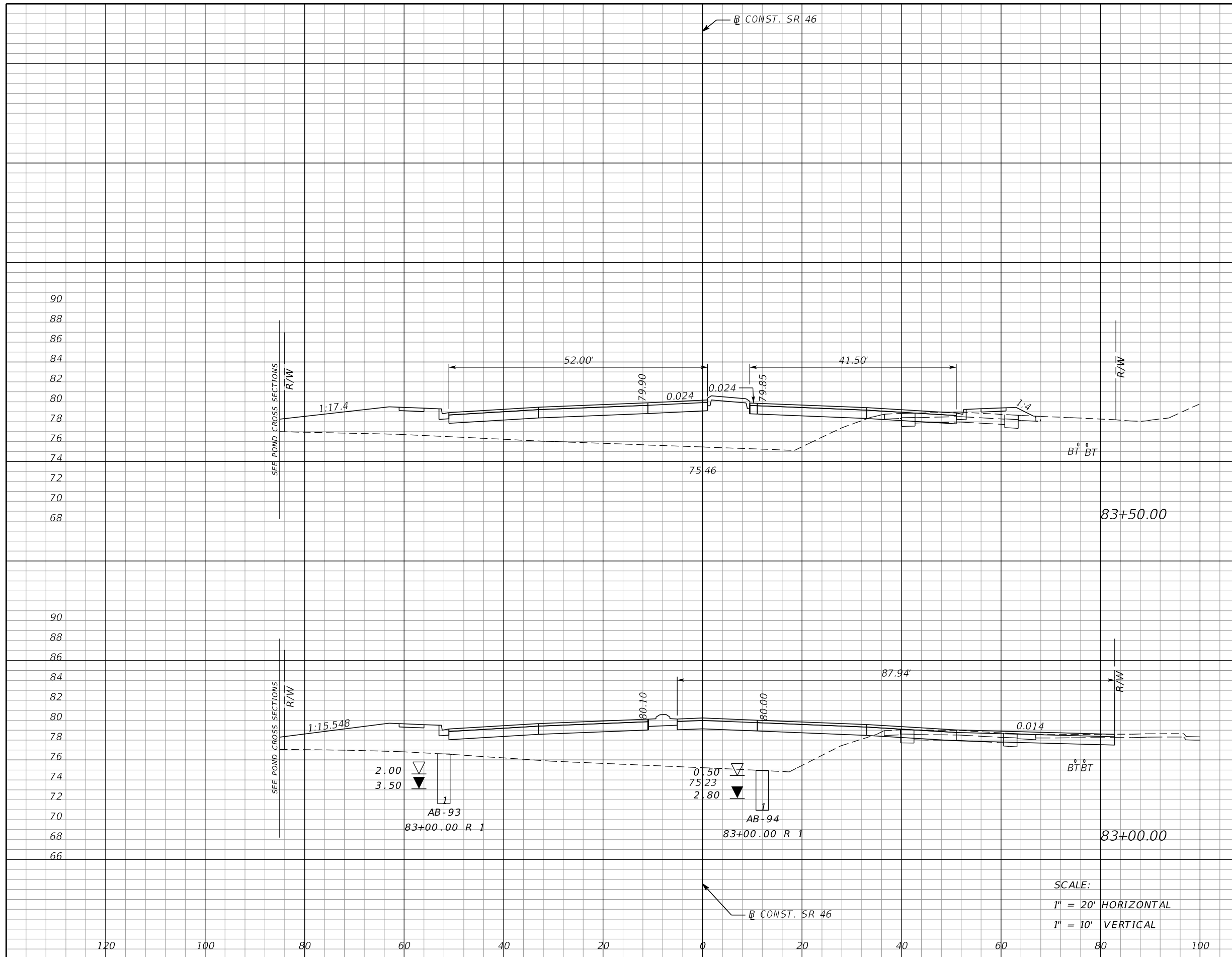
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
240

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Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	6	30	316	591
0	0	26	44	322	601

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
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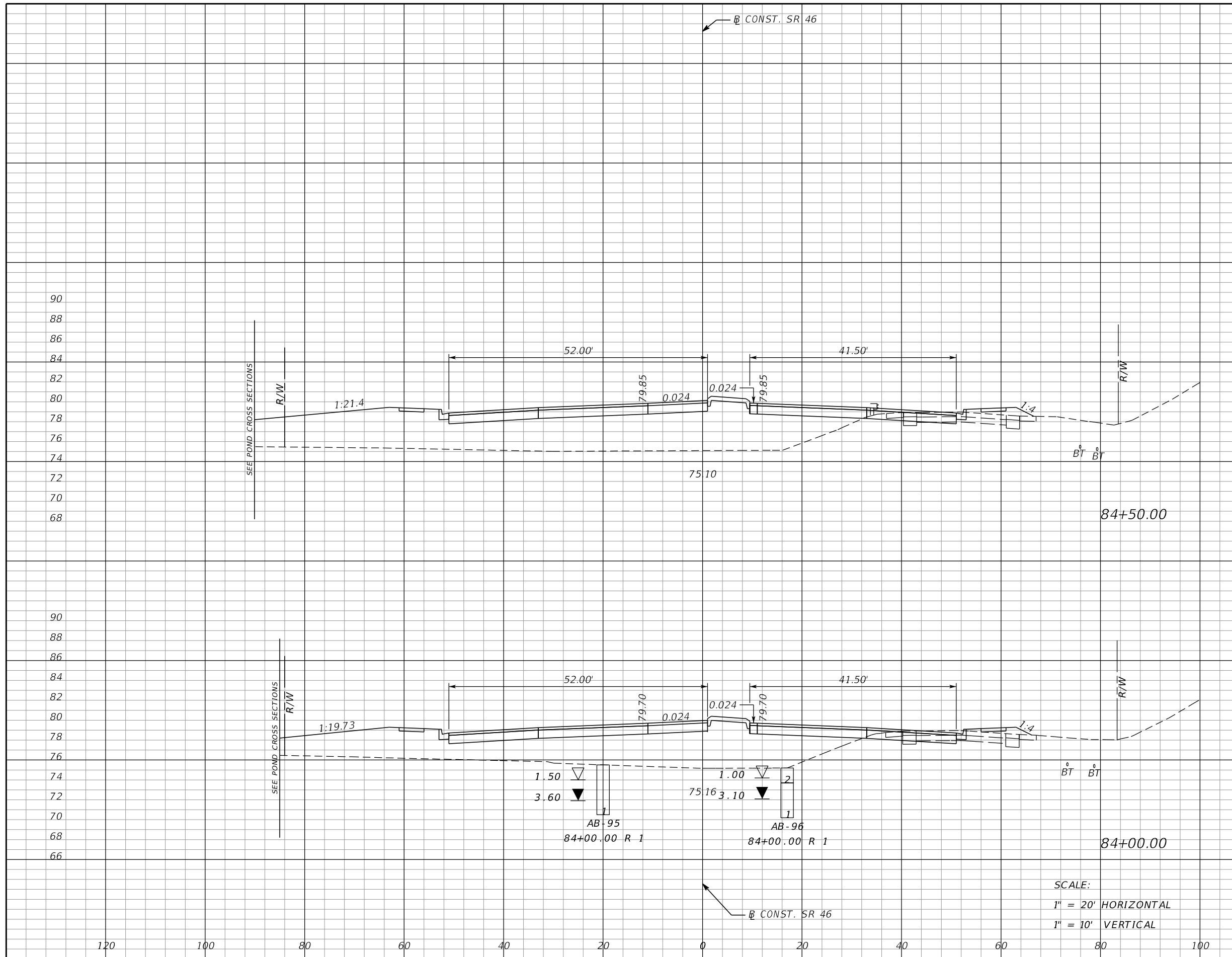
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
241

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		7		421	
	0		15		692
0		9		326	
	0		14		594

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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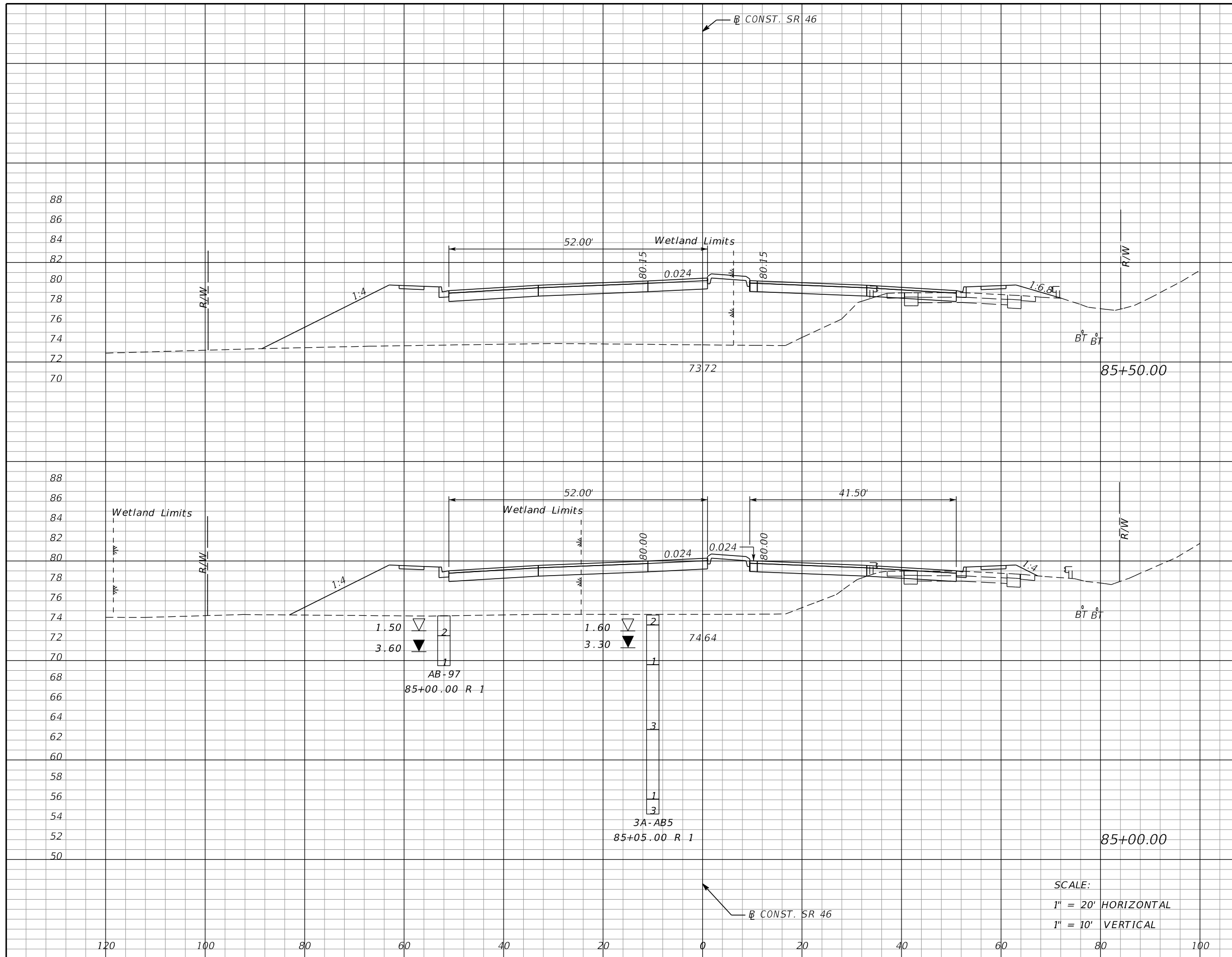
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
242

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	4	9	571	941
0	0	6	12	445	802

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
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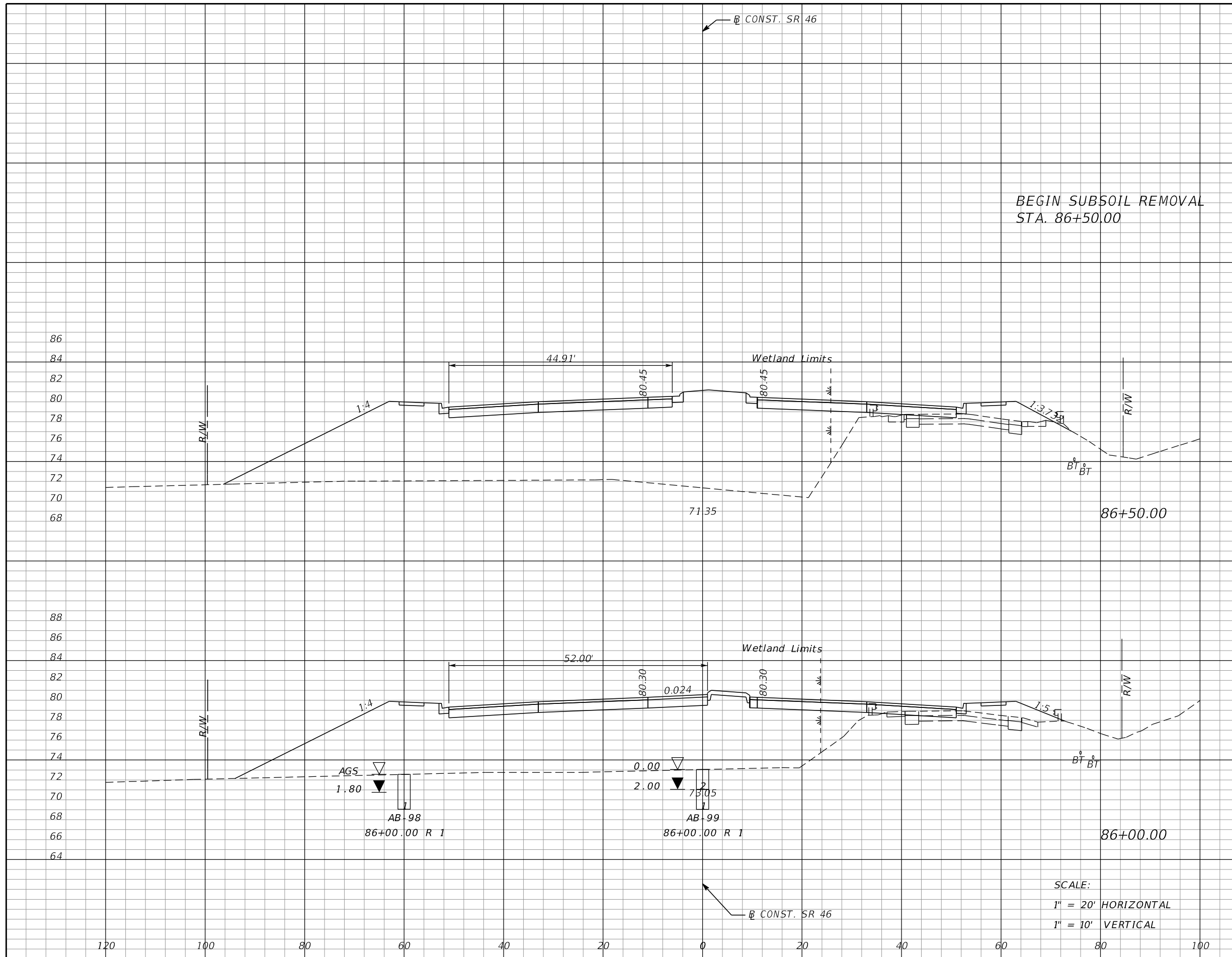
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
243

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	2	873	1467
0	0	2	6	711	1187

BEGIN SUBSOIL REMOVAL
STA. 86+50.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
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FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

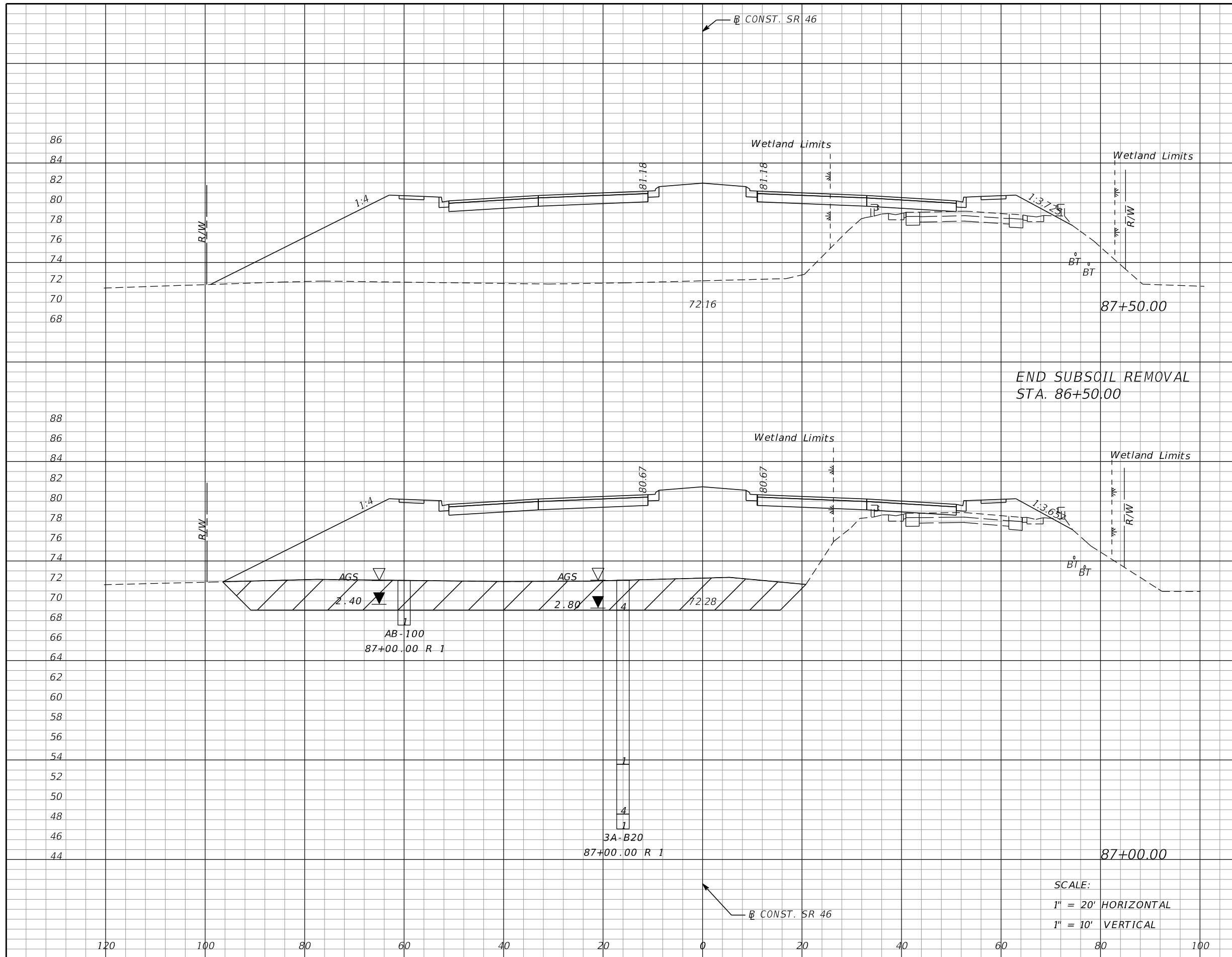
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
244

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		0		940	
	212		0		1983
229		0		1202	
	212		0		1921

END SUBSOIL REMOVAL
STA. 86+50.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

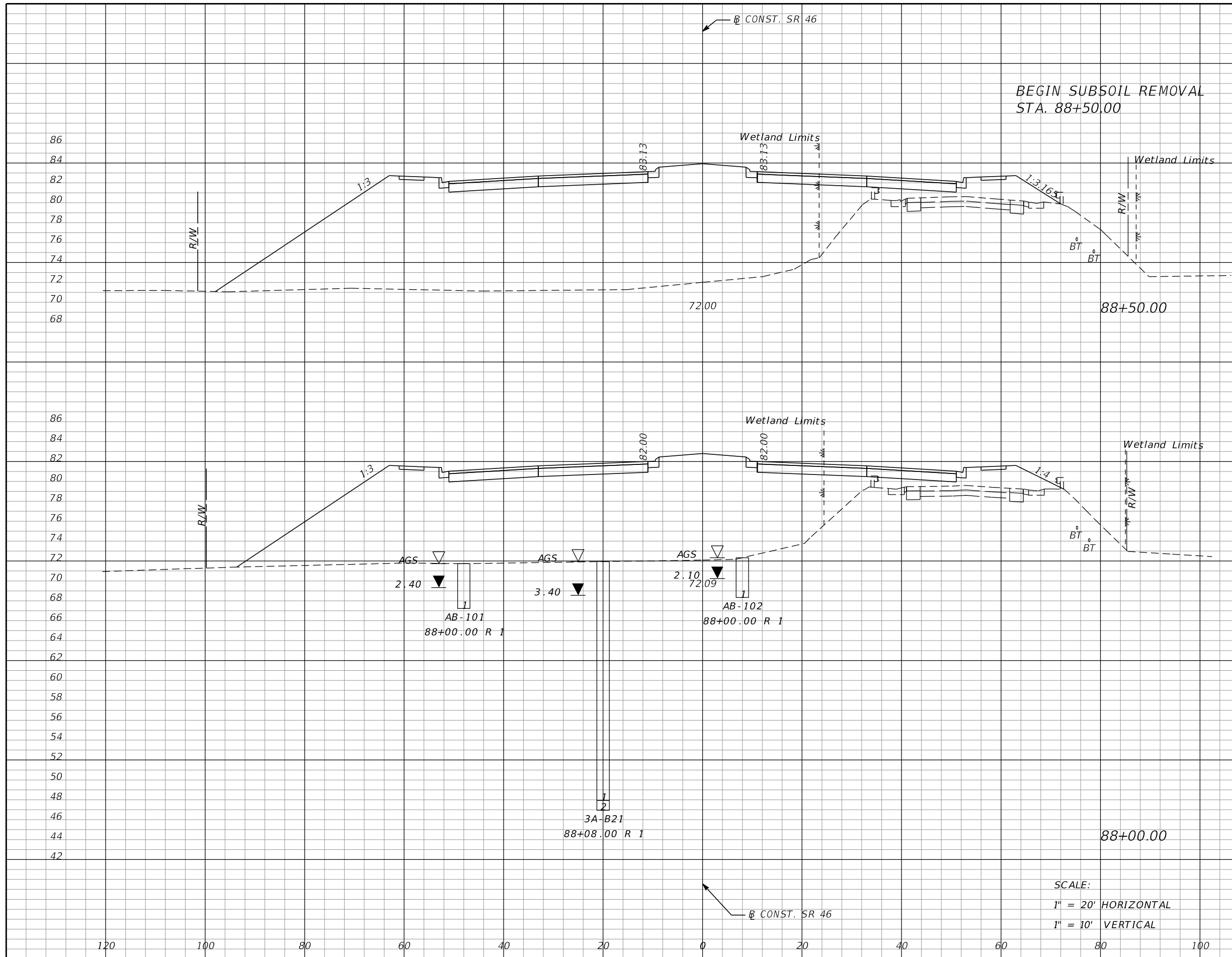
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
245

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	1214	0
0	0	0	0	2068	0
0	0	0	0	1019	0
0	0	0	0	1814	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

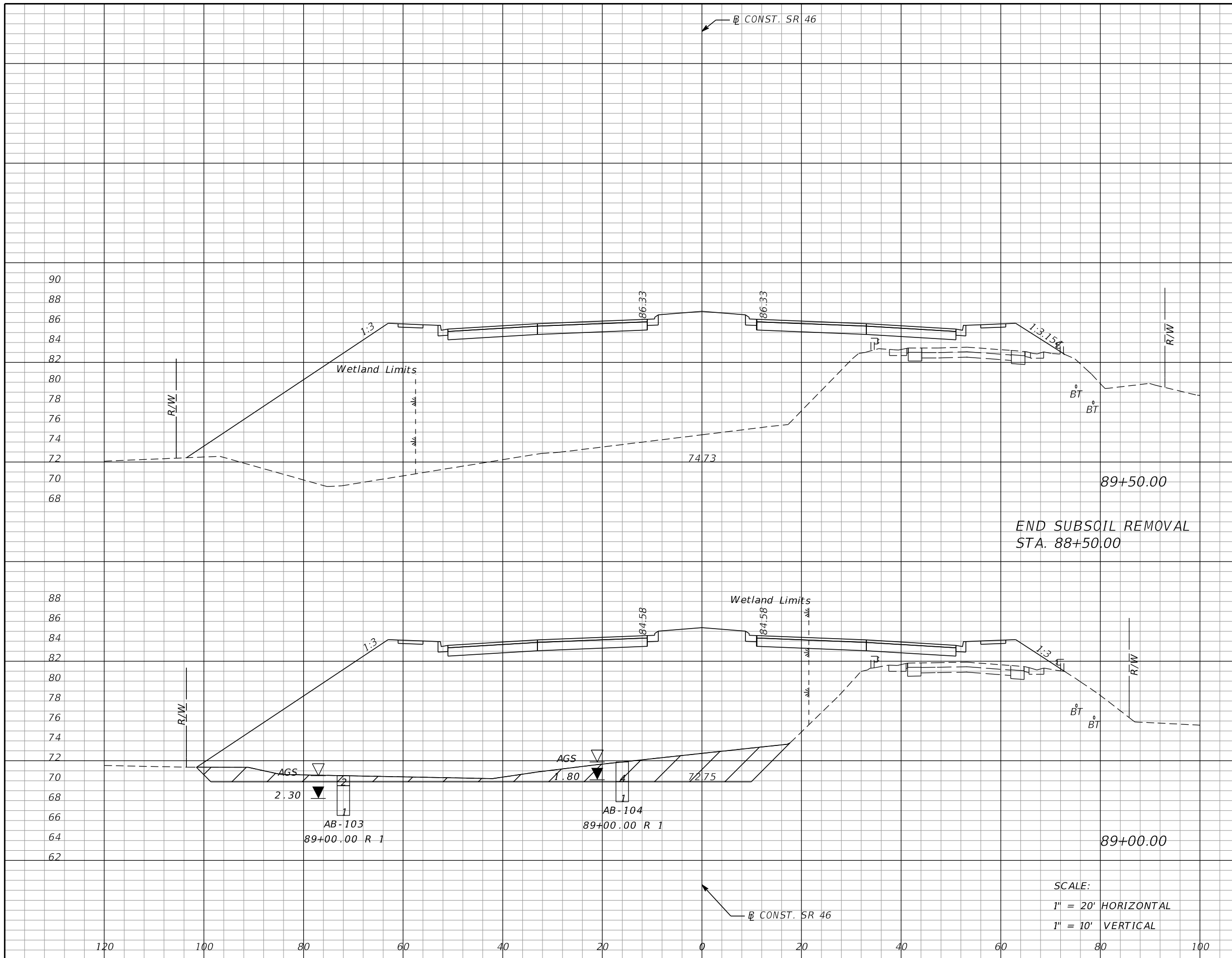
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS		SHEET NO.
SR 46		246

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	145	0	0	1473	2810
157	145	0	0	1562	2570

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

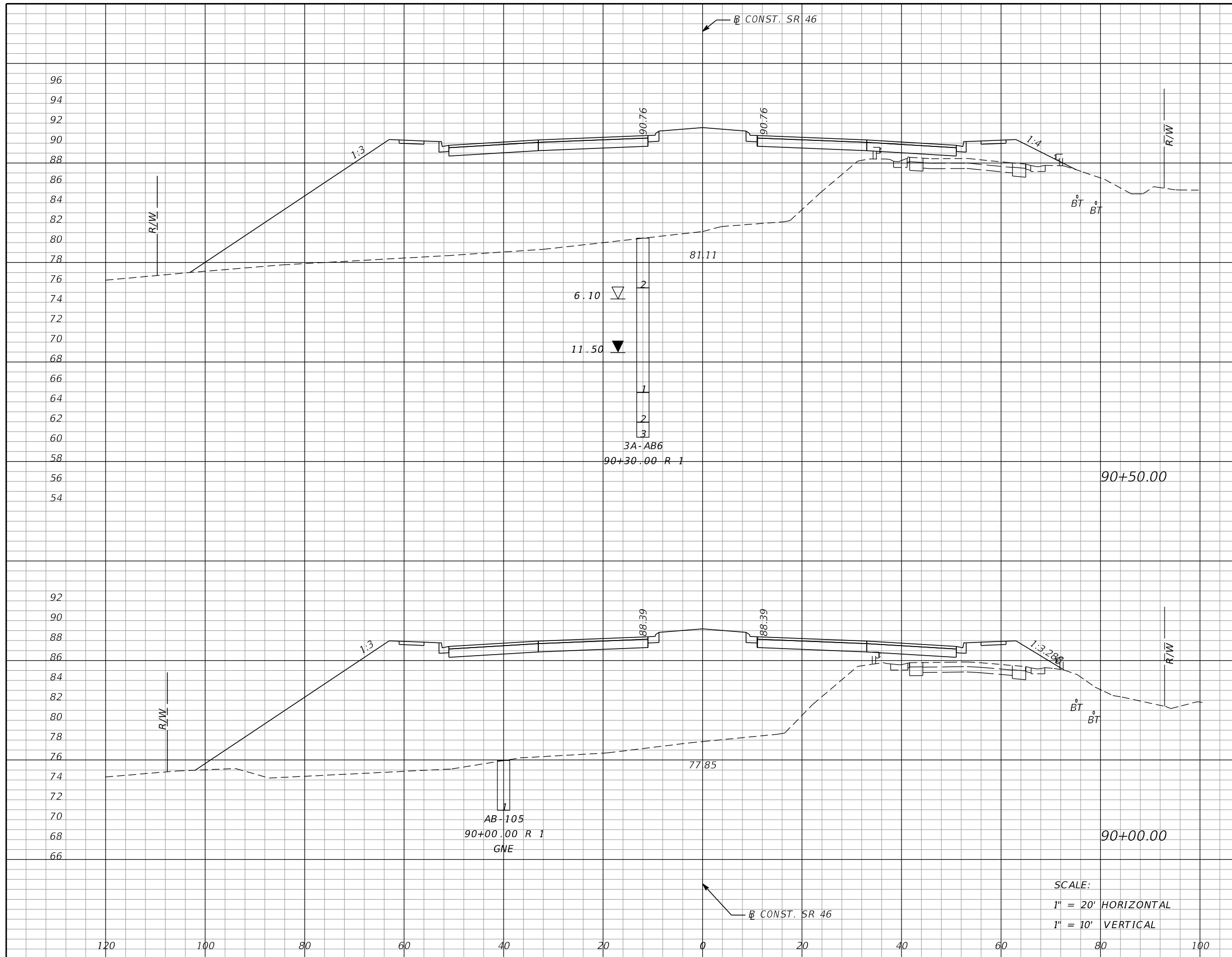
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
247

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		0		1153	
	0		0		2245
0		0		1272	
	0		0		2542

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

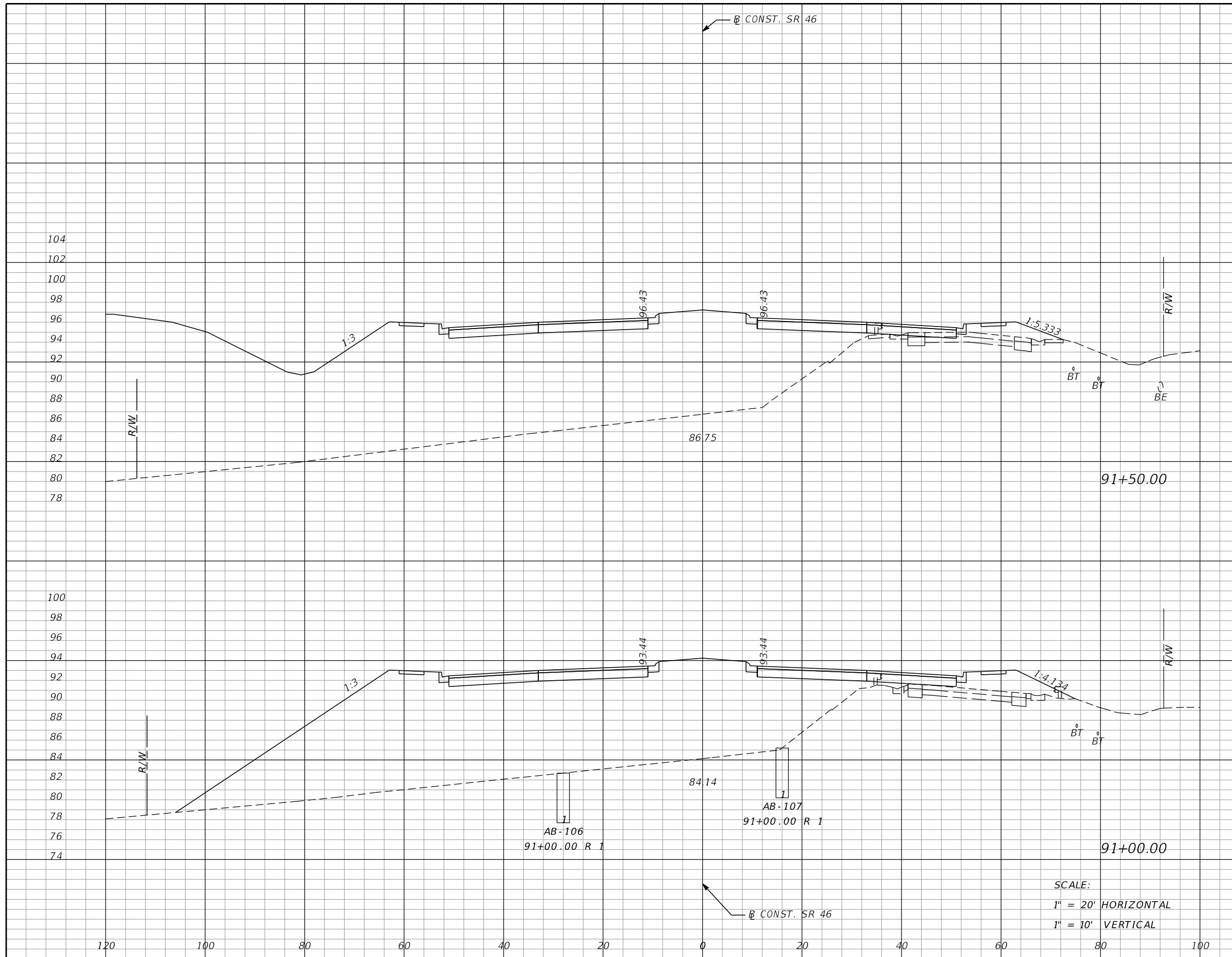
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
248

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1	1	1671	2605
0	0	0	0	1142	2125

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

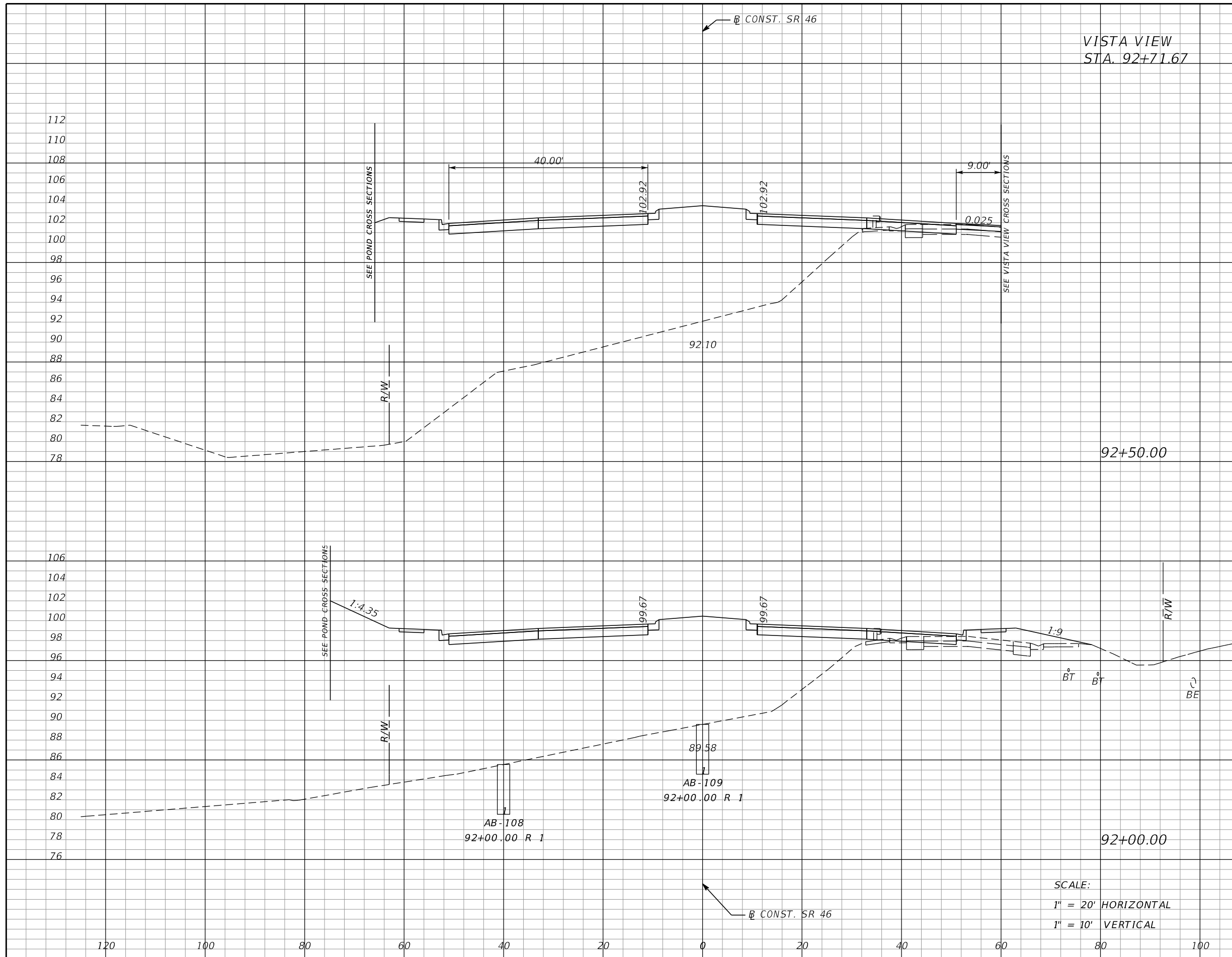
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
249

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		4		1209	
	0		6		2242
0		3		1212	
	0		4		2669

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

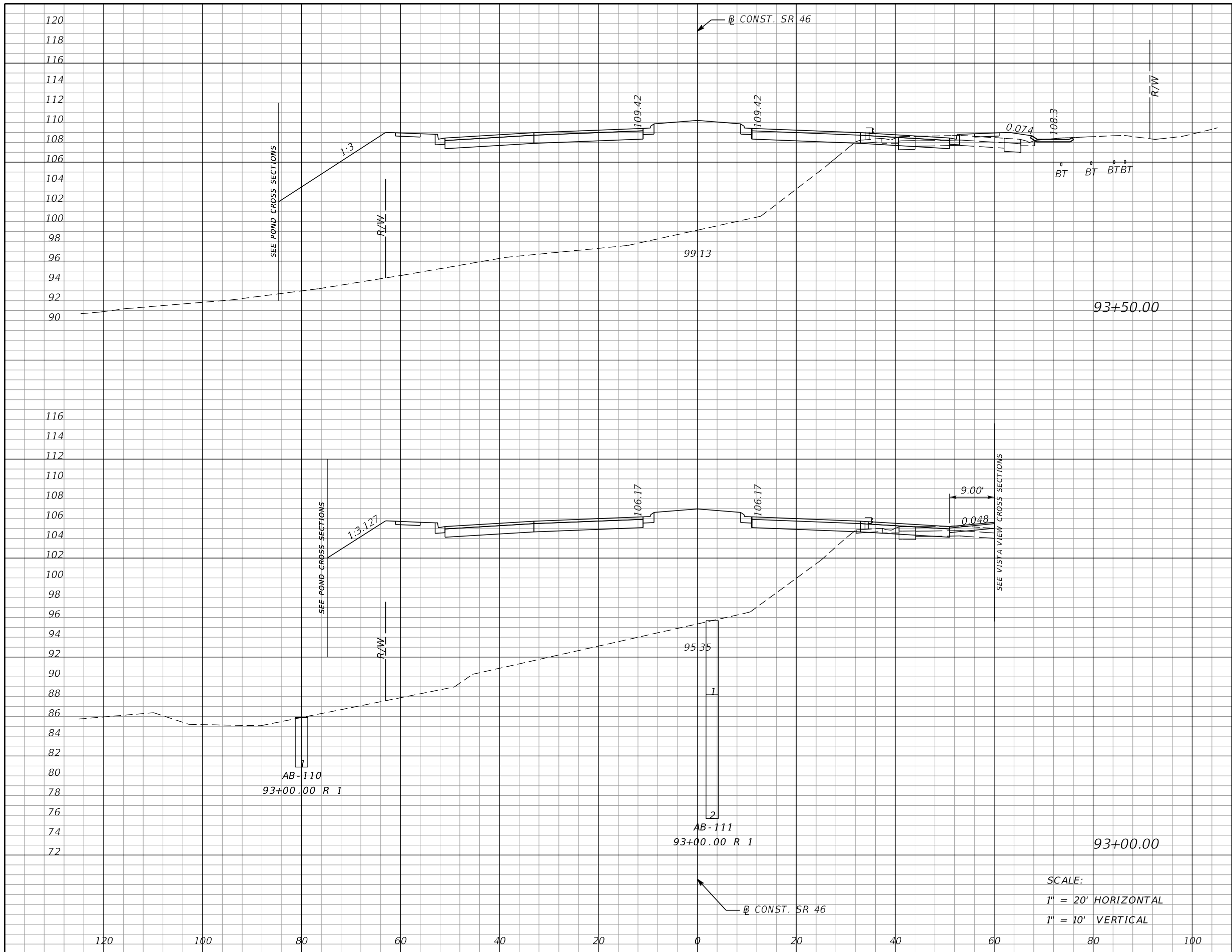
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
250

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0		13		1210	
	0		18		2288
0		6		1261	
	0		9		2287

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

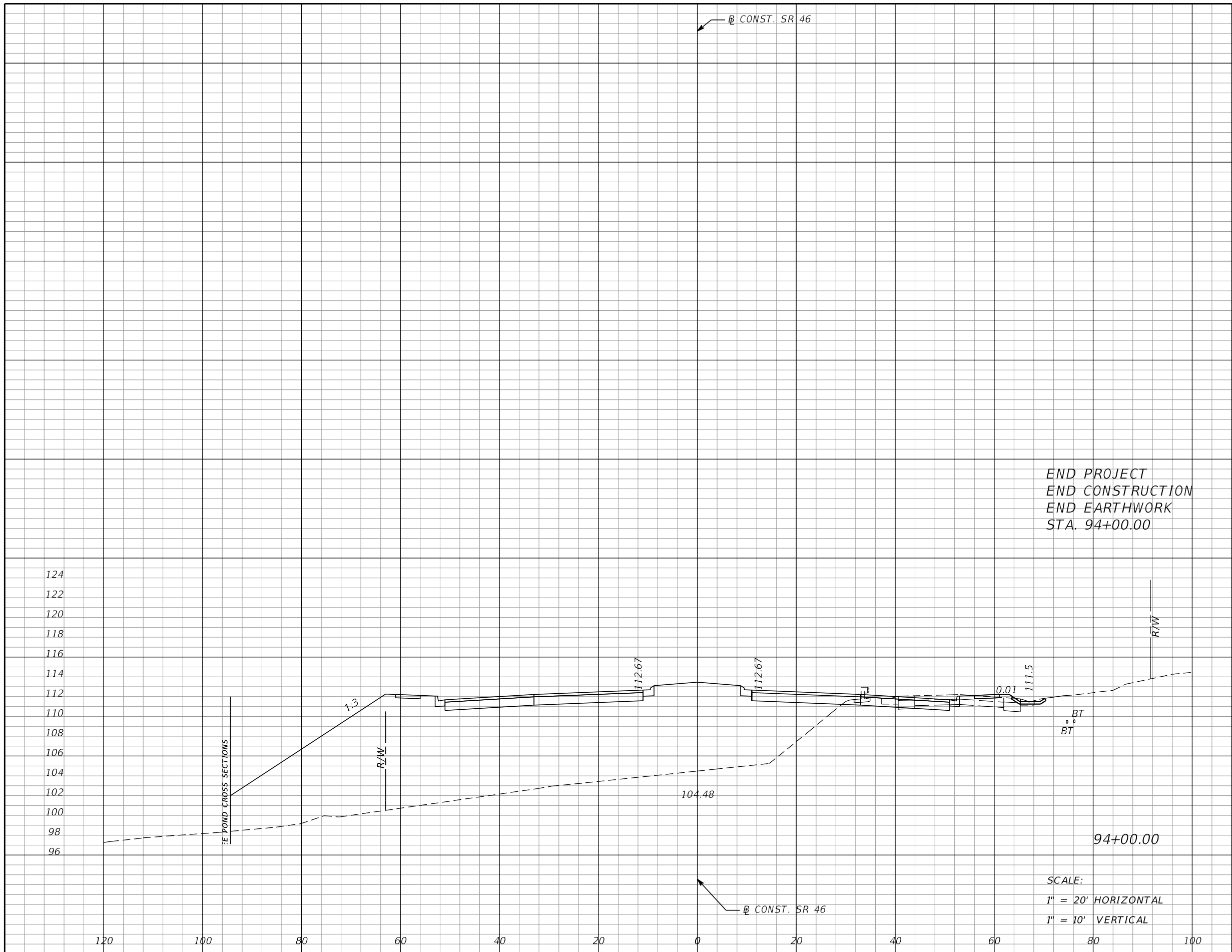
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS		SHEET NO.
SR 46		251

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



END PROJECT
 END CONSTRUCTION
 END EARTHWORK
 STA. 94+00.00

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	18	29	975	2023

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

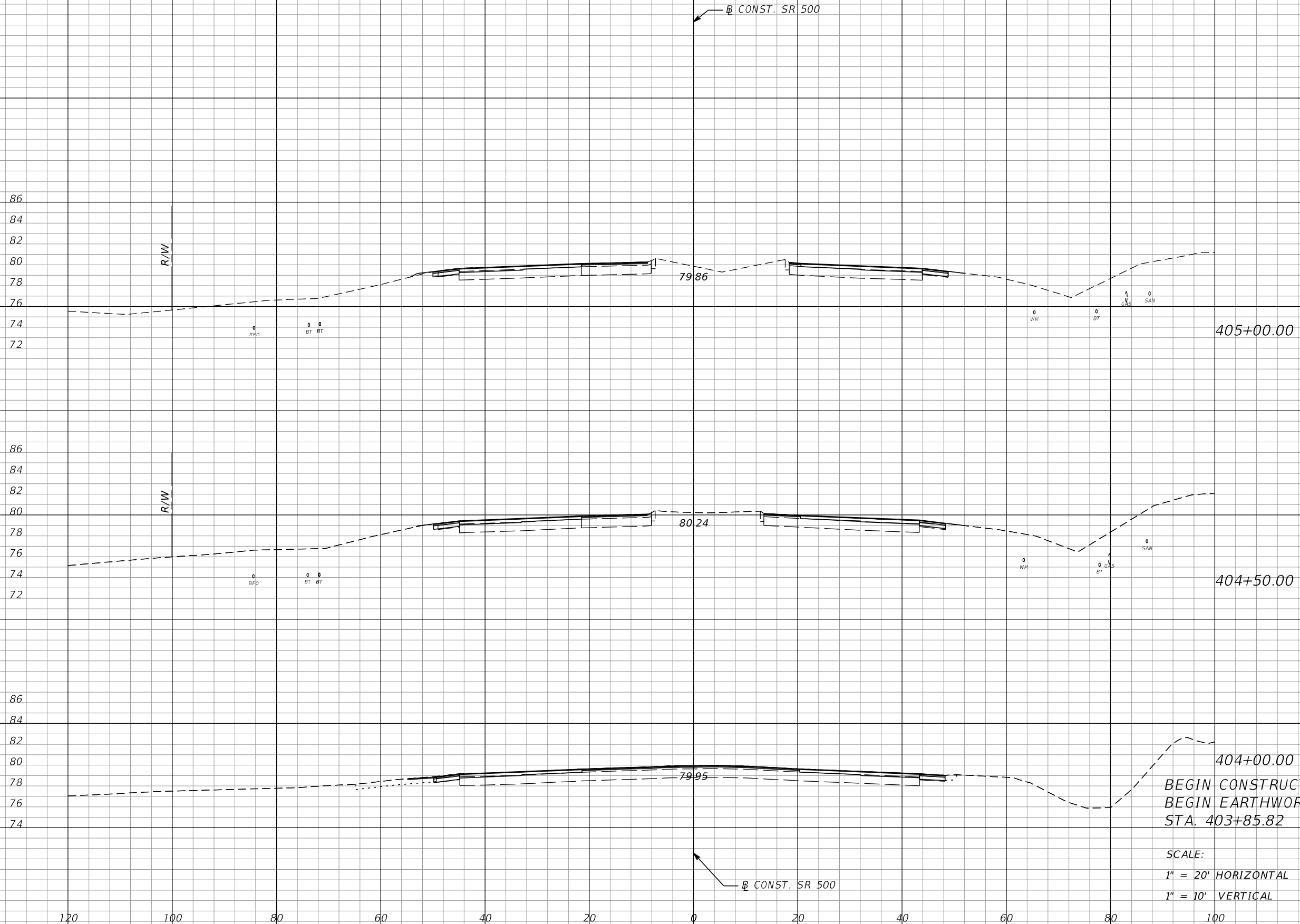
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 46

SHEET NO.
252

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0



CONST. SR 500

CONST. SR 500

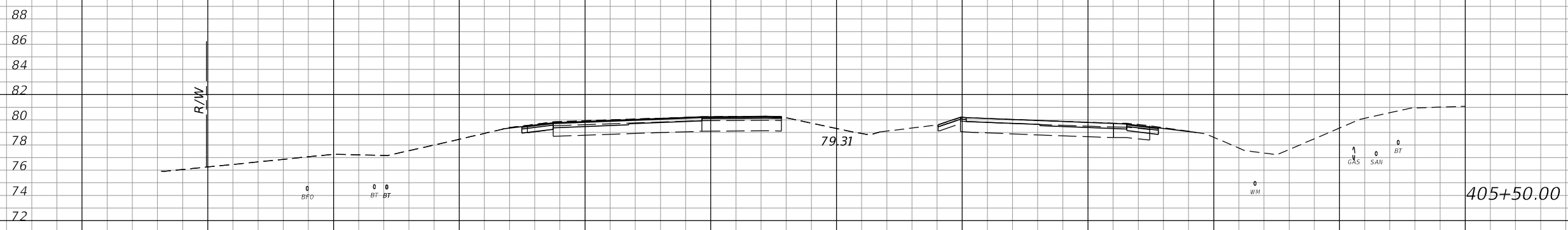
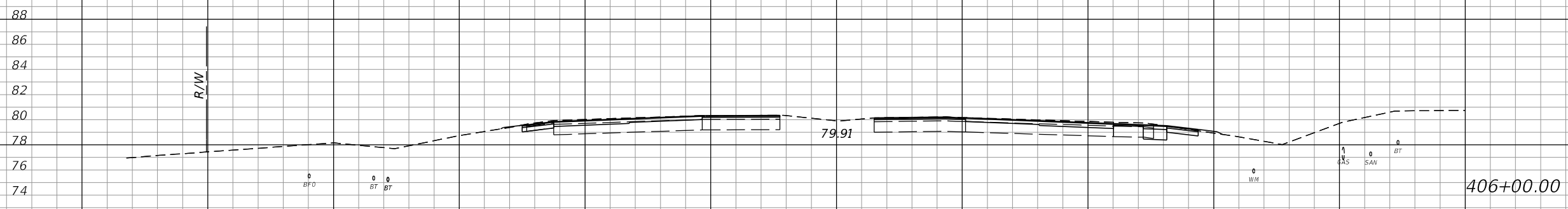
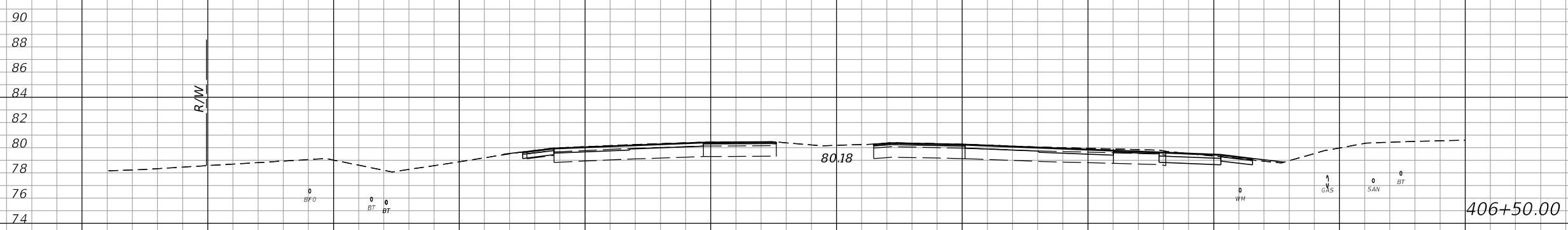
404+00.00
 BEGIN CONSTRUCTION
 BEGIN EARTHWORK
 STA. 403+85.82

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500		SHEET NO. 253
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

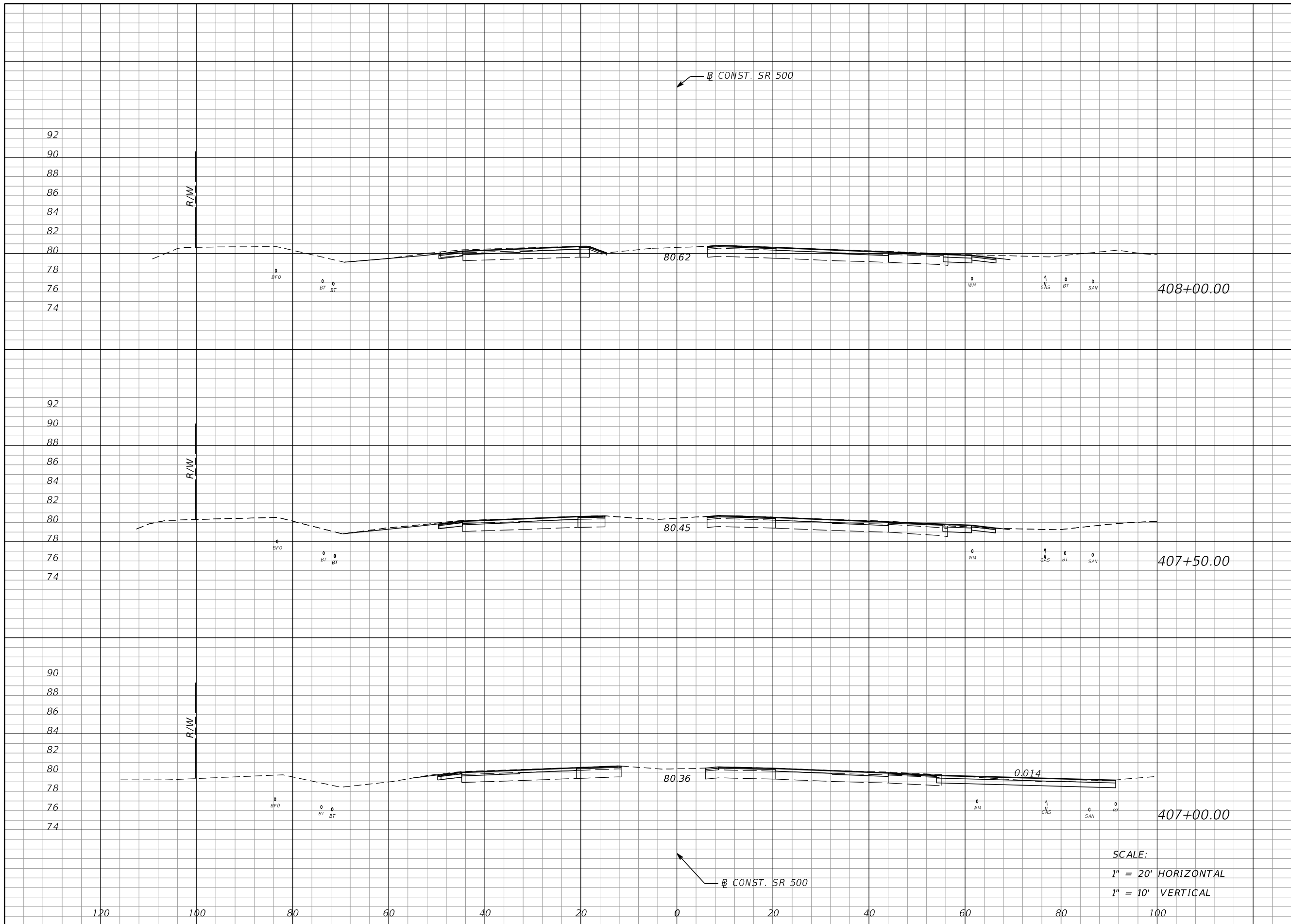
Regular		Exc.		Embankment	
A	V	A	V	A	V
10				1	
	14				3
5				2	
	5				2
0				0	
	0				0



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO. 254
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
11	19	0	0	0	0
9	42	0	0	0	0
36	43	0	1	0	1

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

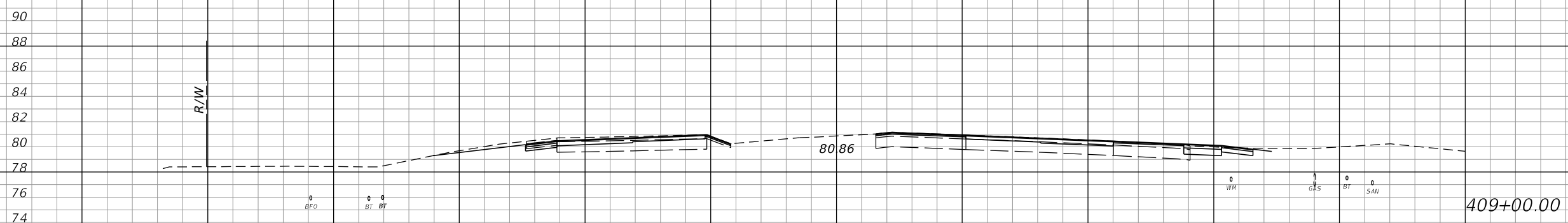
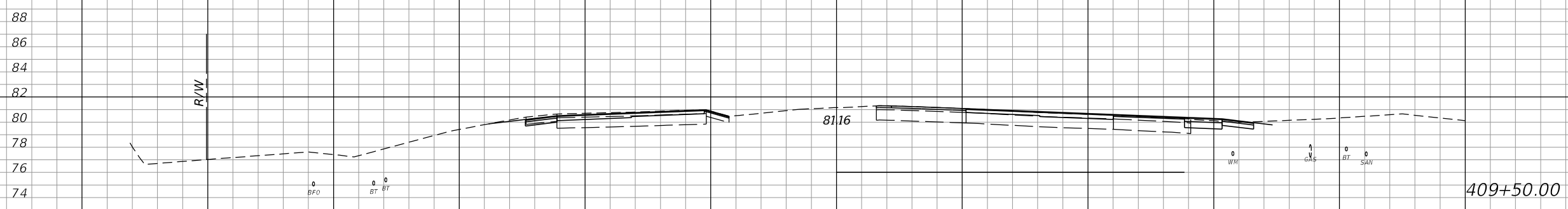
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
 255

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
10	19	0	0	0	0
10	22	0	0	0	0
14	23	0	0	0	0



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

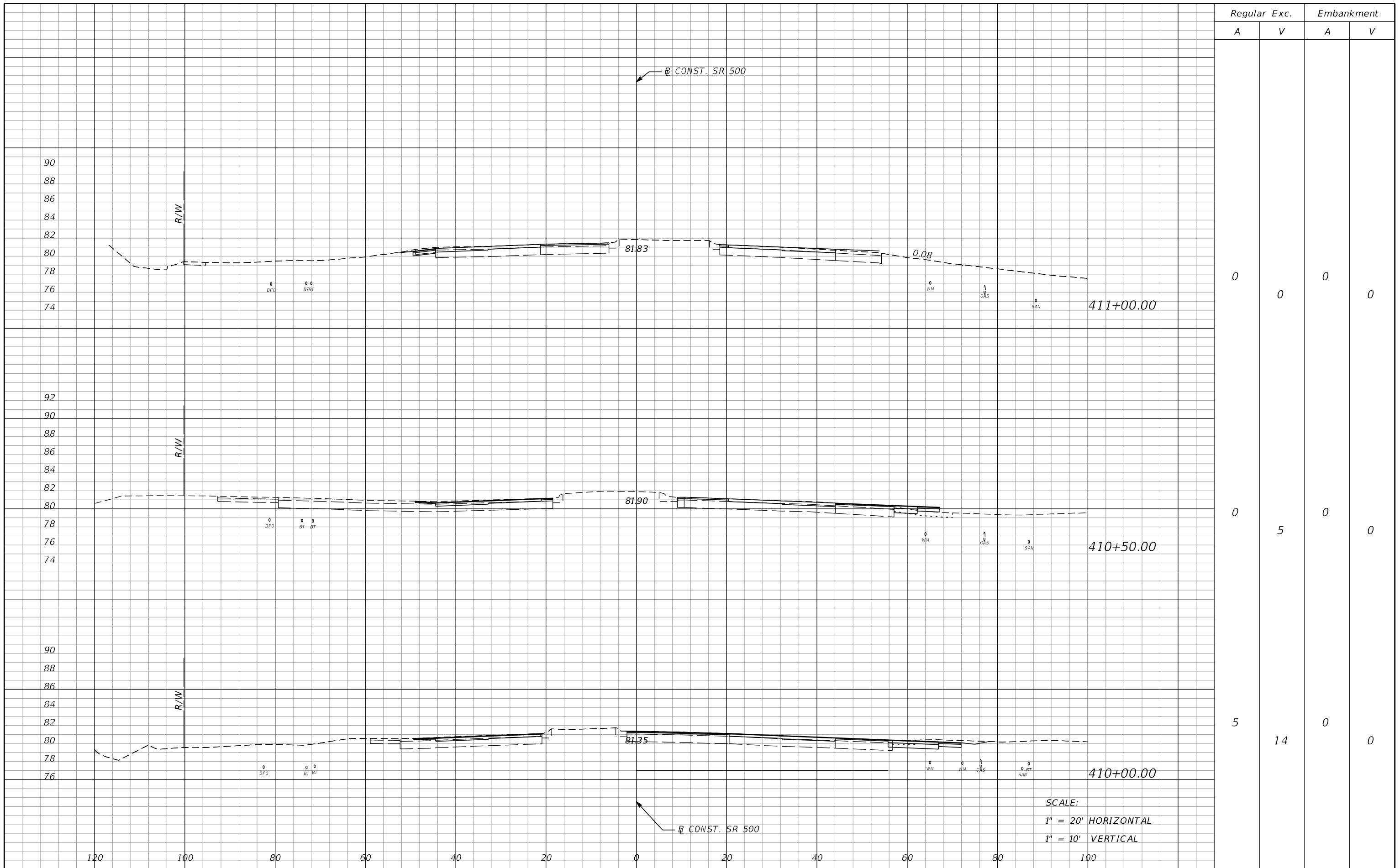
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
 256

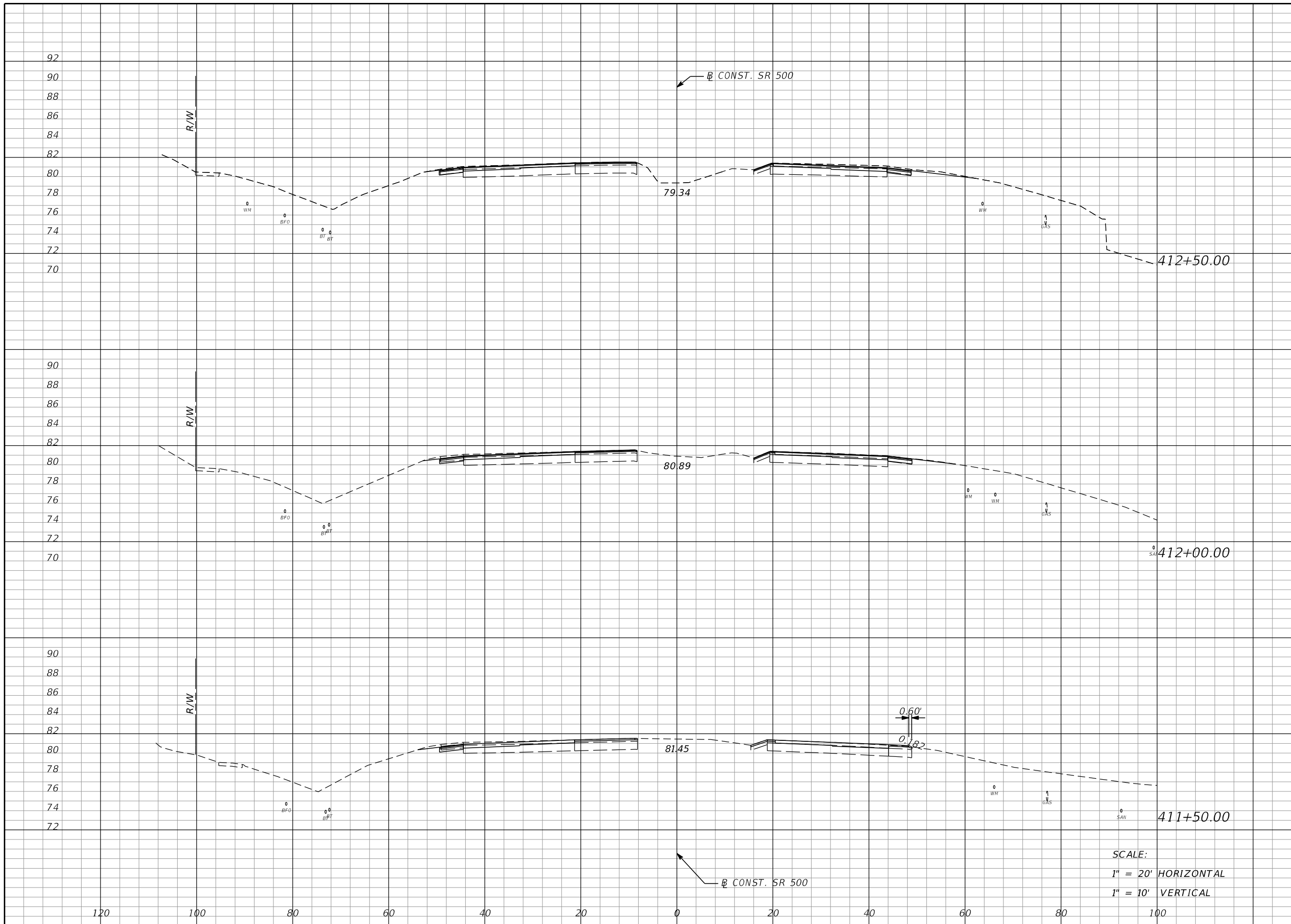
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO. 257
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. COUNTY FINANCIAL PROJECT ID SR 46 LAKE 238275-2-52-01				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	13	0	13	13
0	0	1	0	1	1
0	0	0	0	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

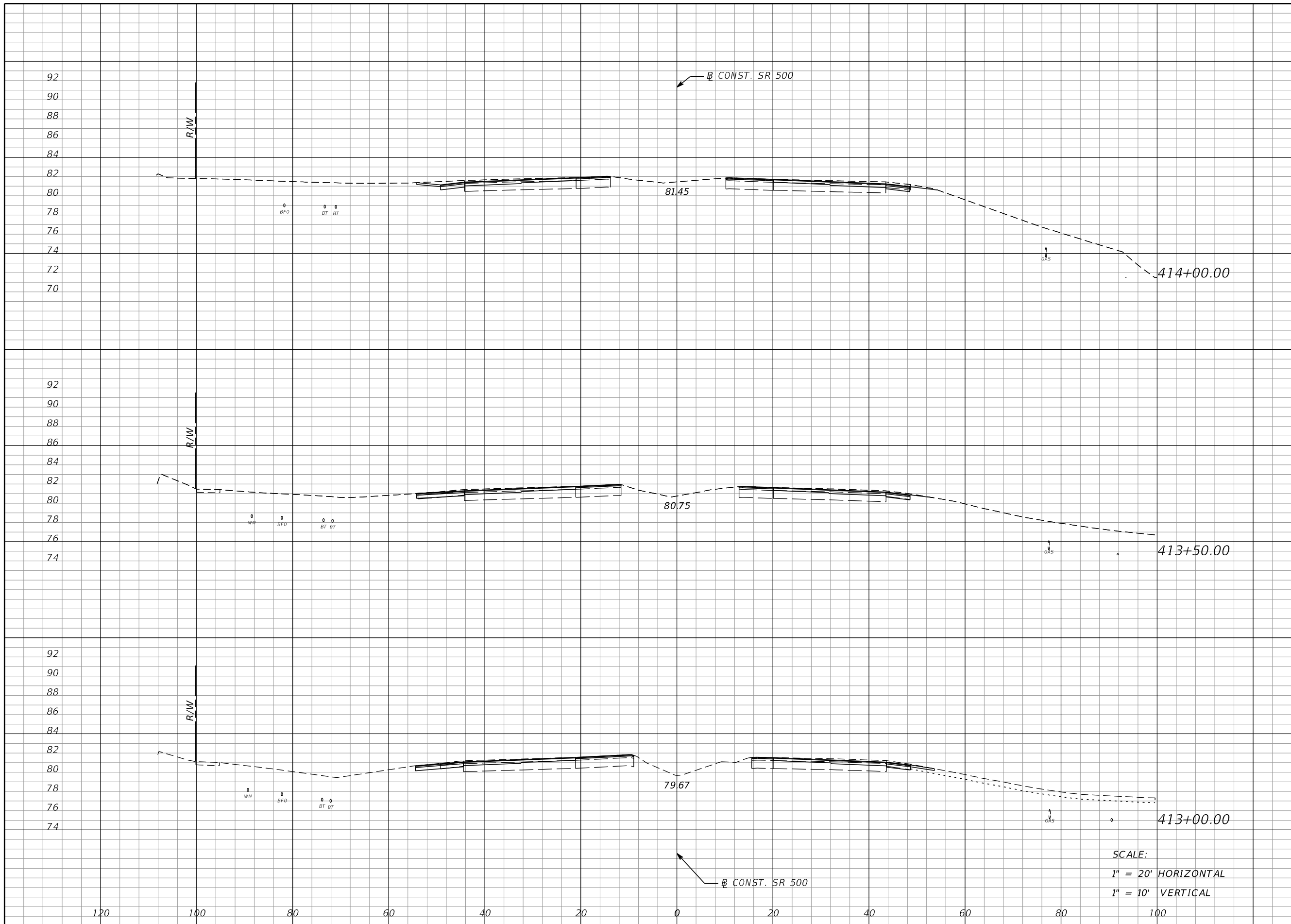
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
 258

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

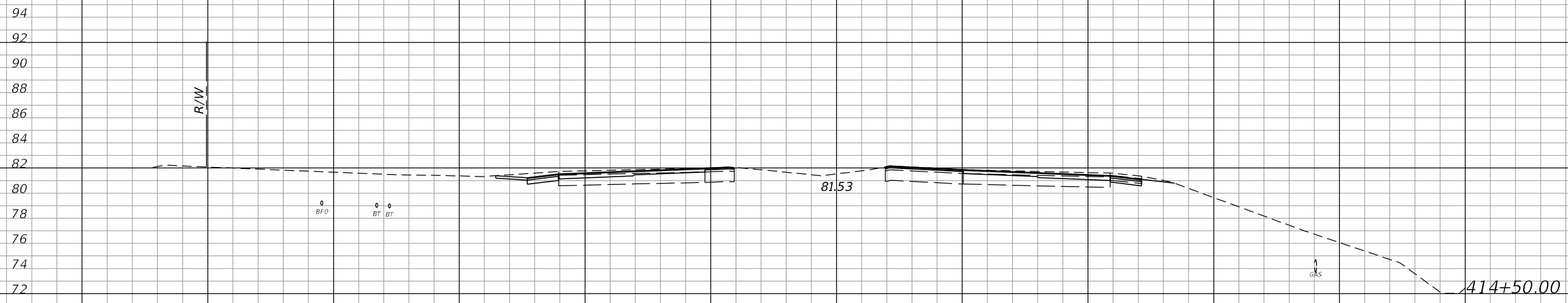
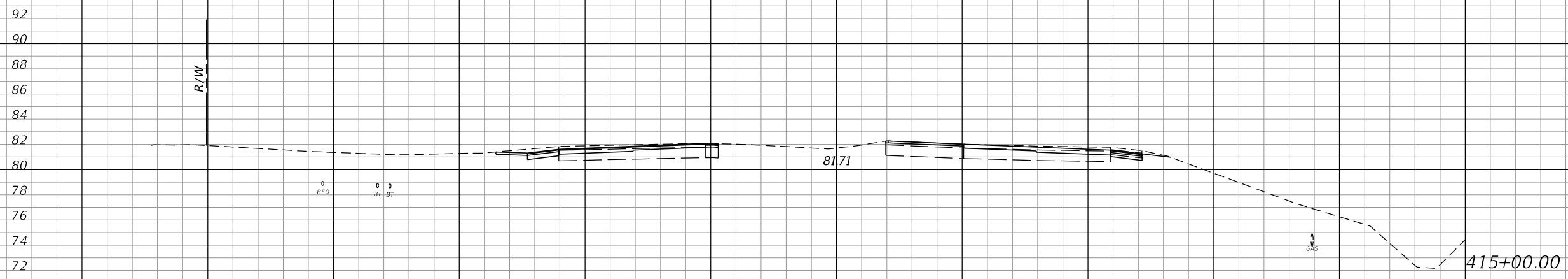
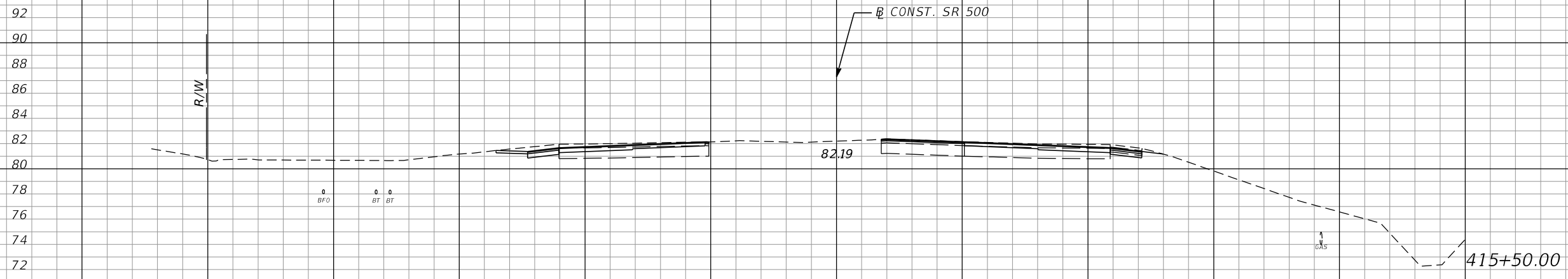


Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	0	3
0	0	3	0	0	12
0	0	10	0	0	21

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO. 259
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01		

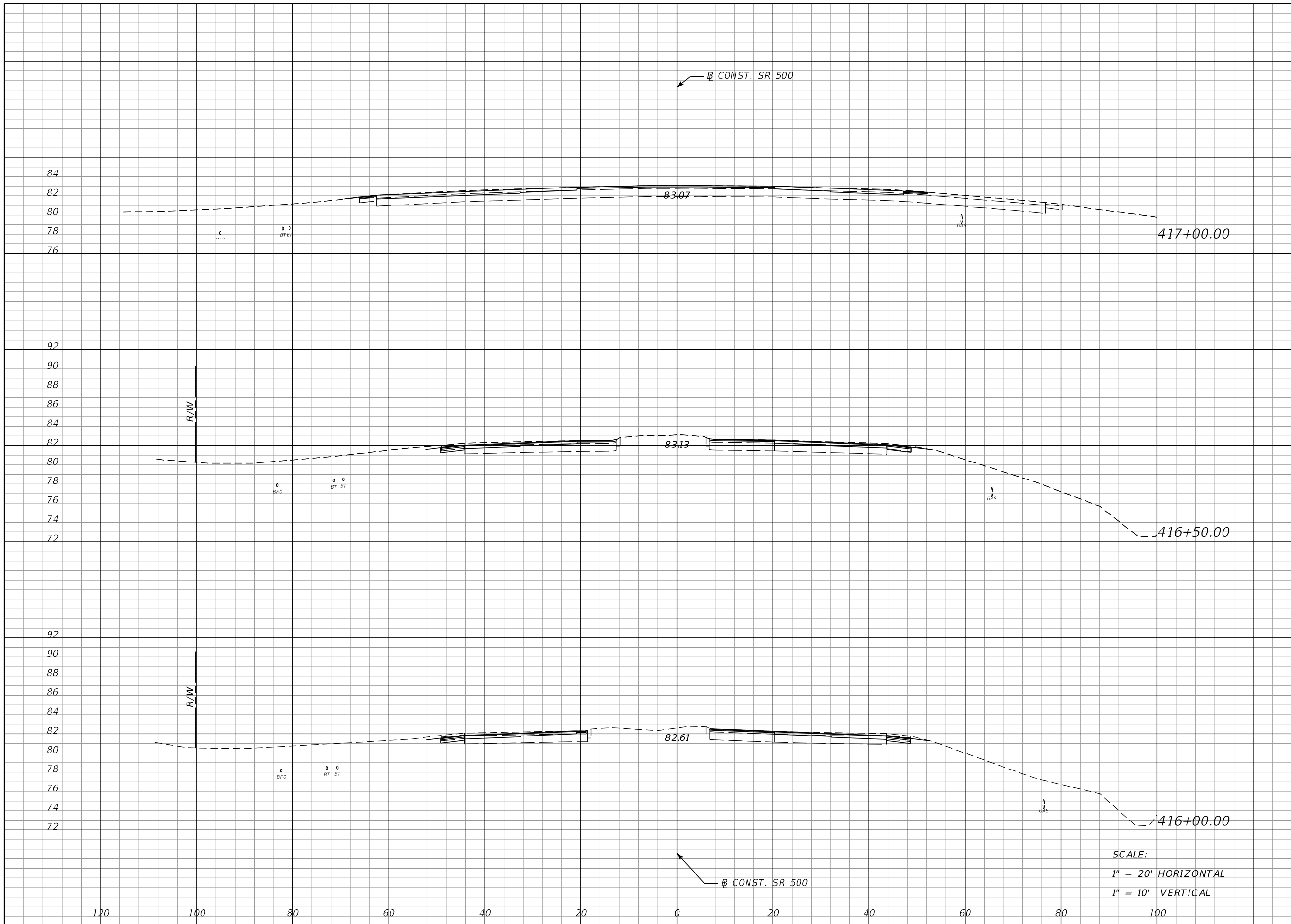
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO. 260
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

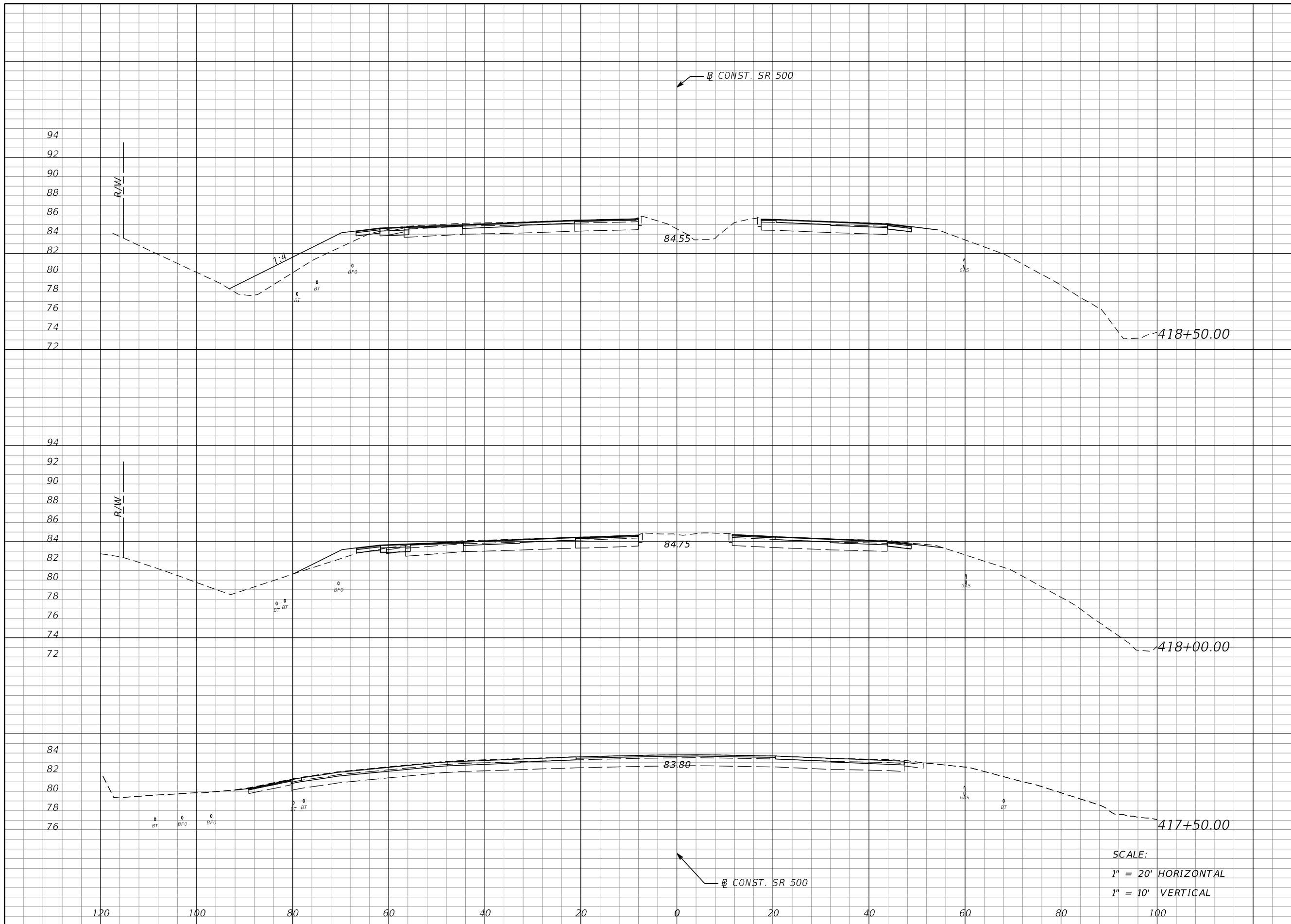
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
 261

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
6	12	41	47		
7	6	10	9		
0	0	0	0		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

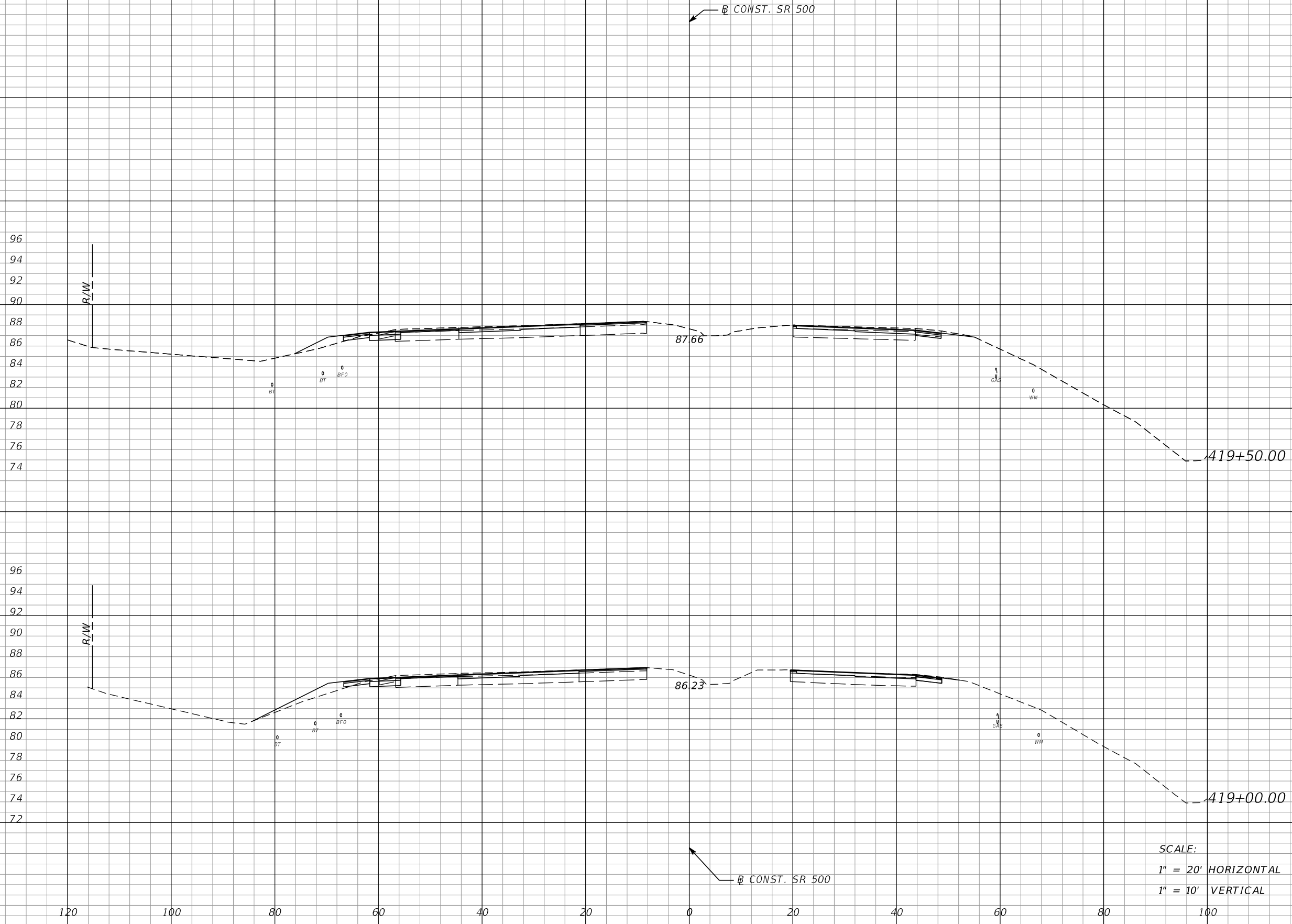
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
262

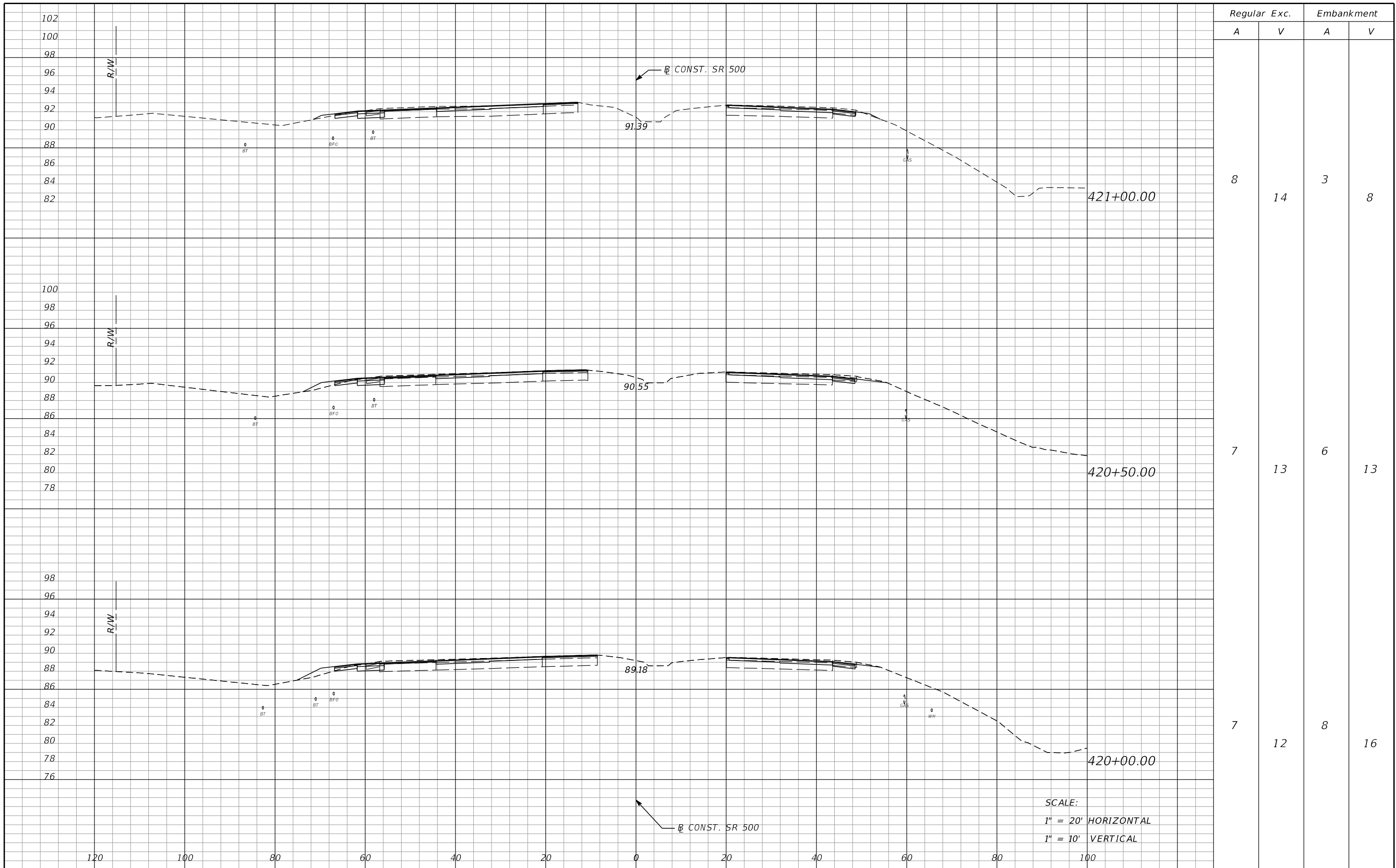
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
6	12	9	19	7	12
		11	48		



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO. 263
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
8	14	3	8		
7	13	6	13		
7	12	8	16		

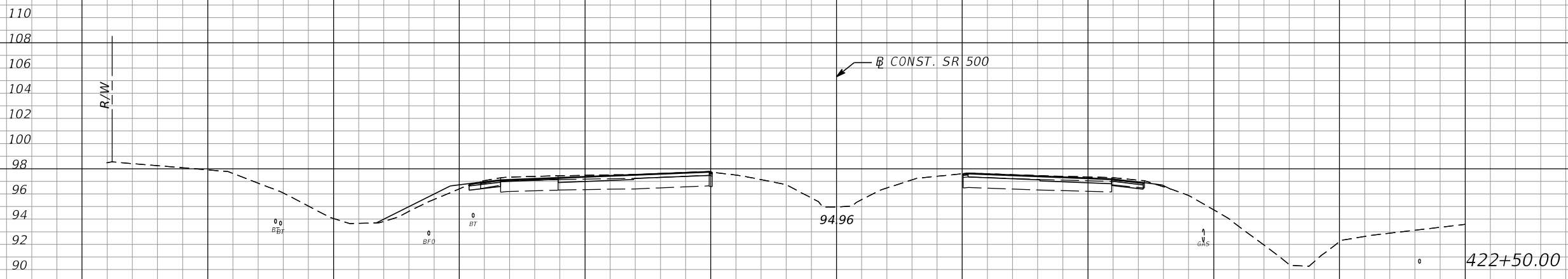
SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 46	LAKE	238275-2-52-01	264

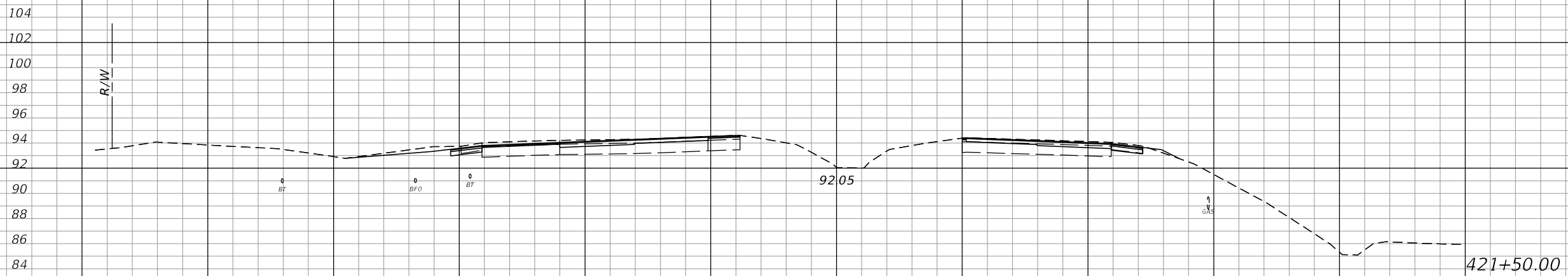
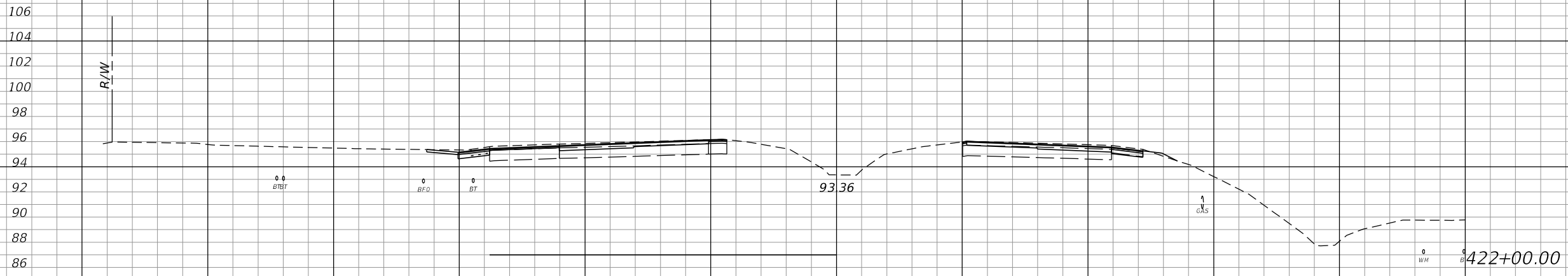
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



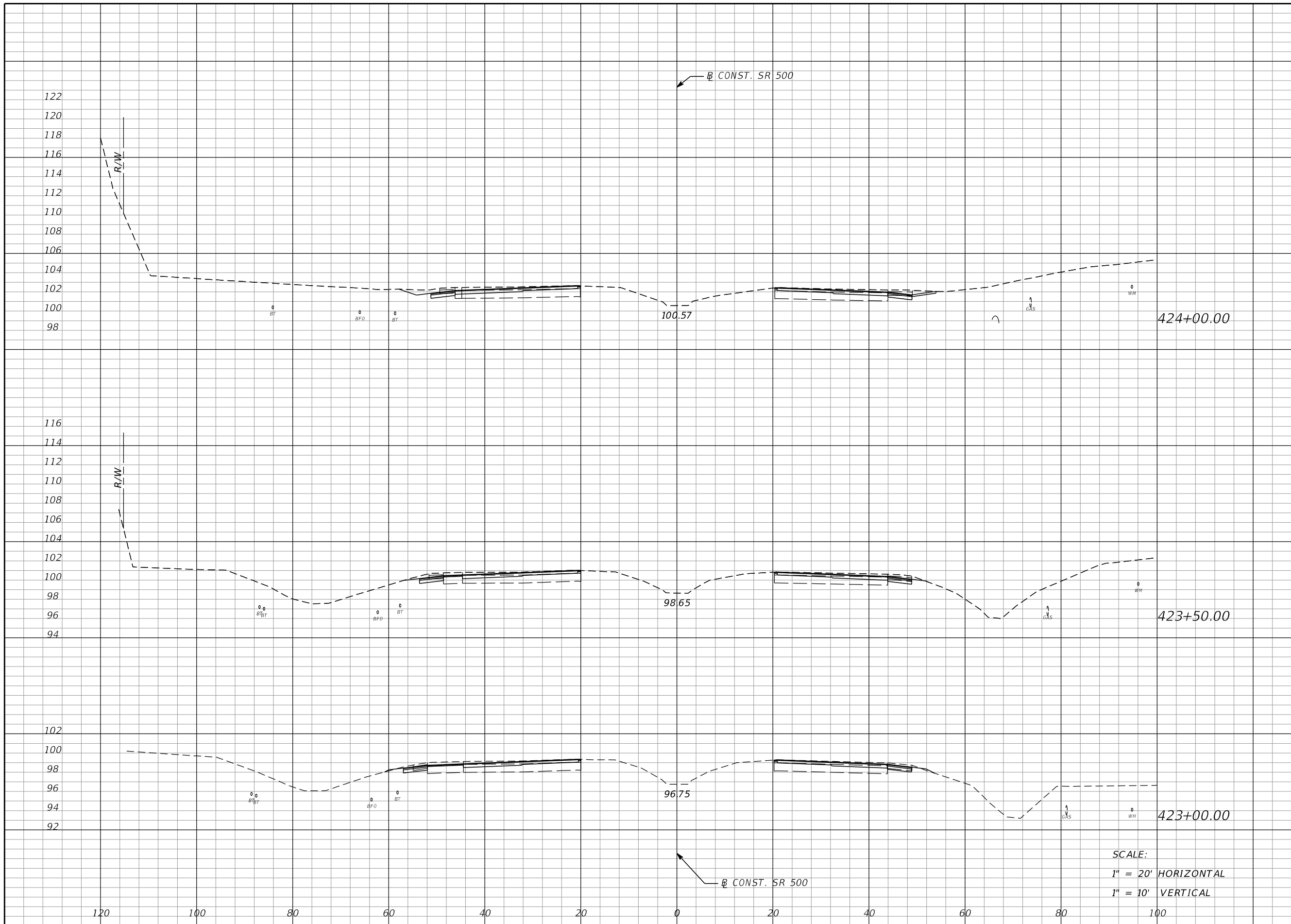
Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	0	0
0	0	0	0	0	0
0	7	0	3		



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500		SHEET NO.
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO.	COUNTY	FINANCIAL PROJECT ID			265
				SR 46 LAKE 238275-2-52-01								

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

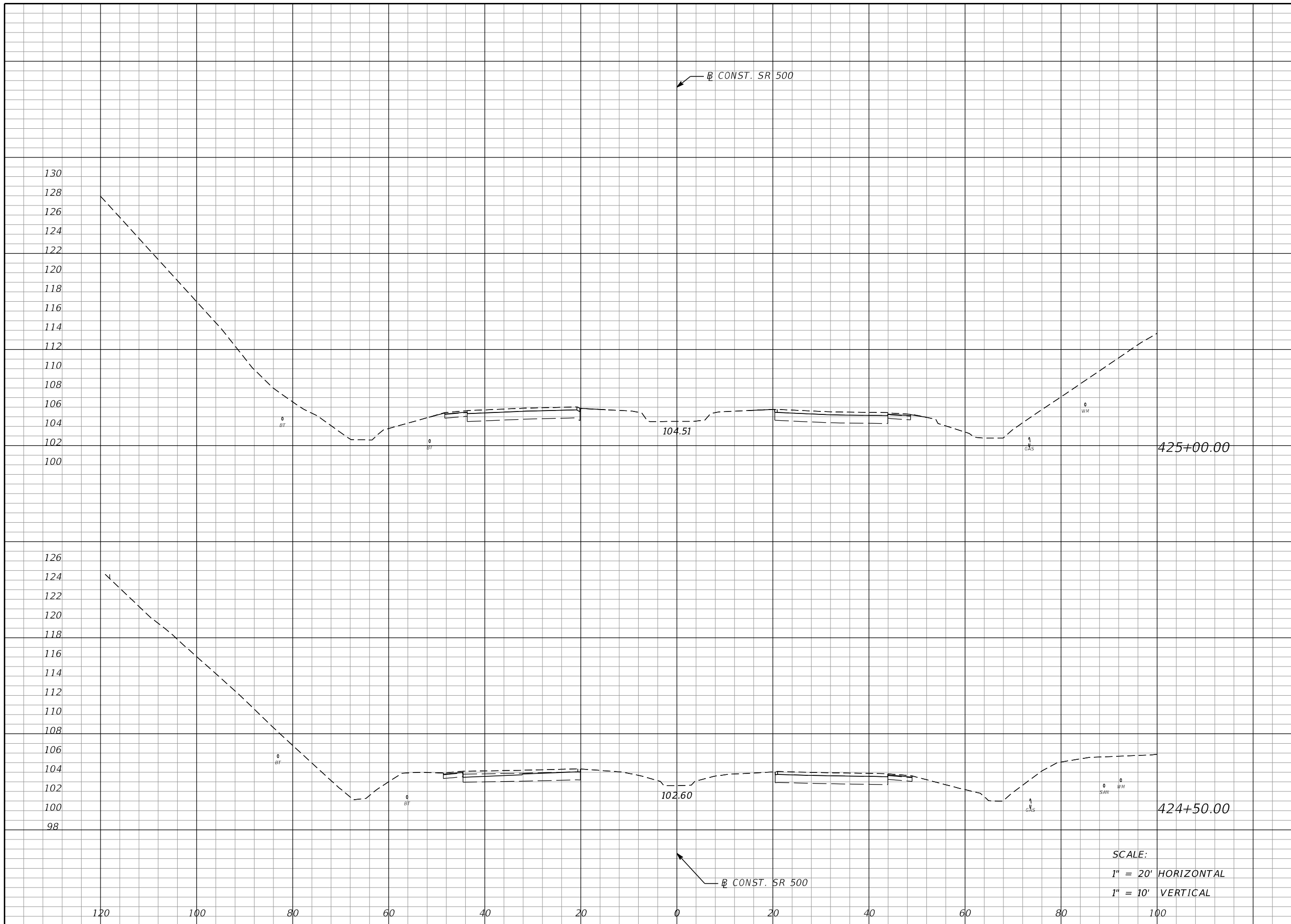
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
 266

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



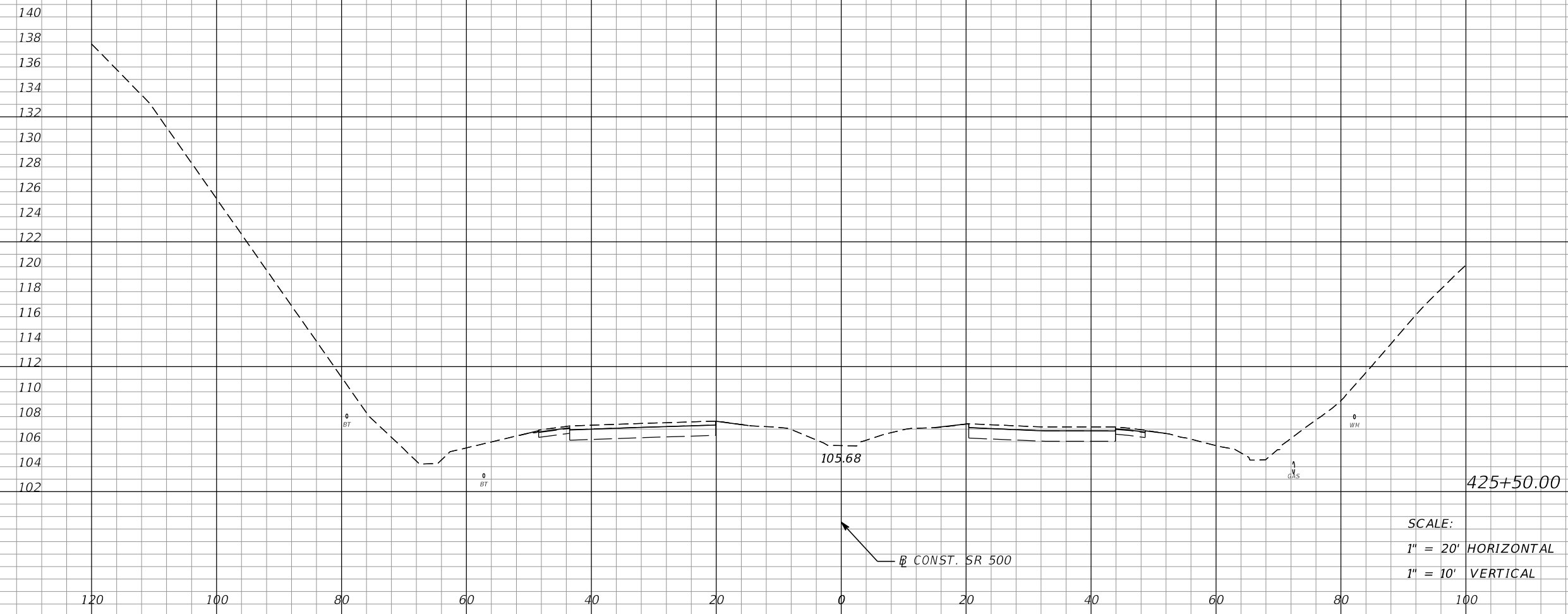
Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	0	0
0	0	0	0	0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500		SHEET NO. 267
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
0		0		0	0



CONST. SR 500

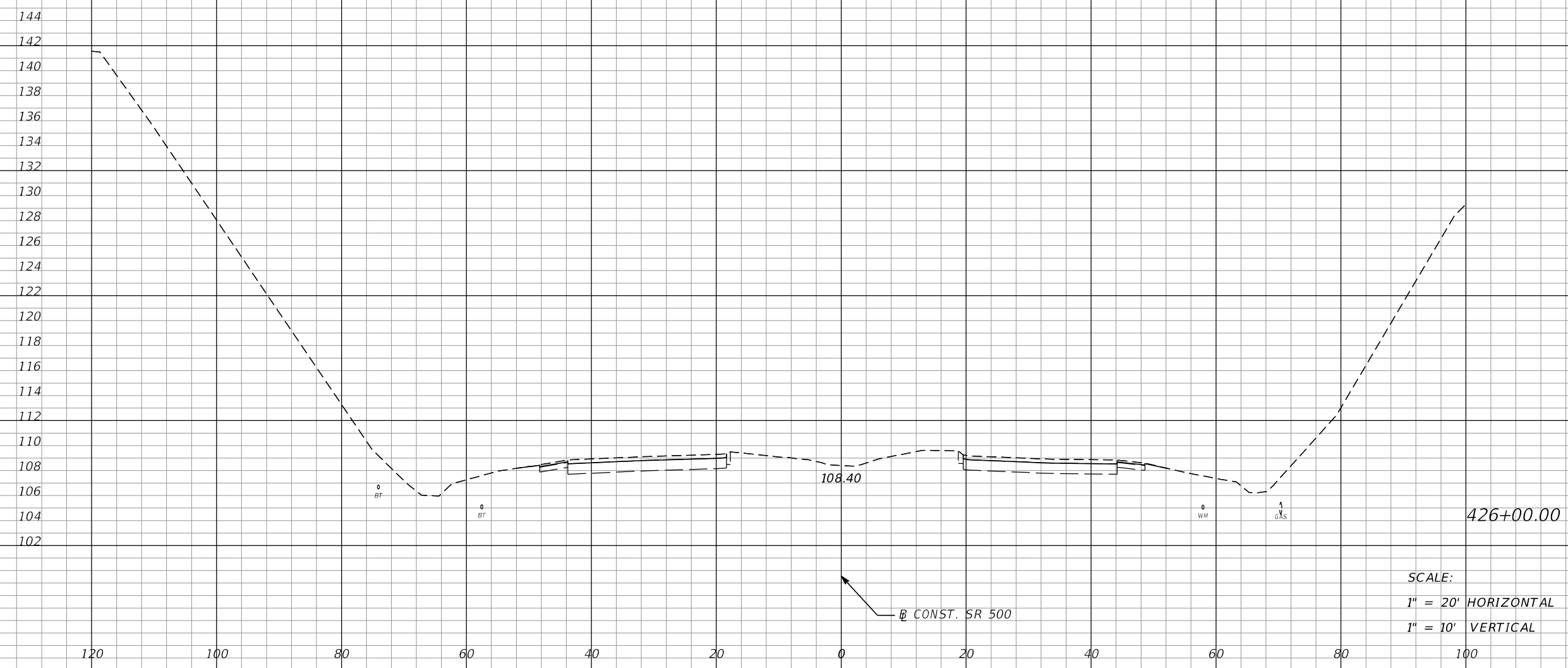
CONST. SR 500

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500		SHEET NO. 268
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
0		0		0	
	0		0		0

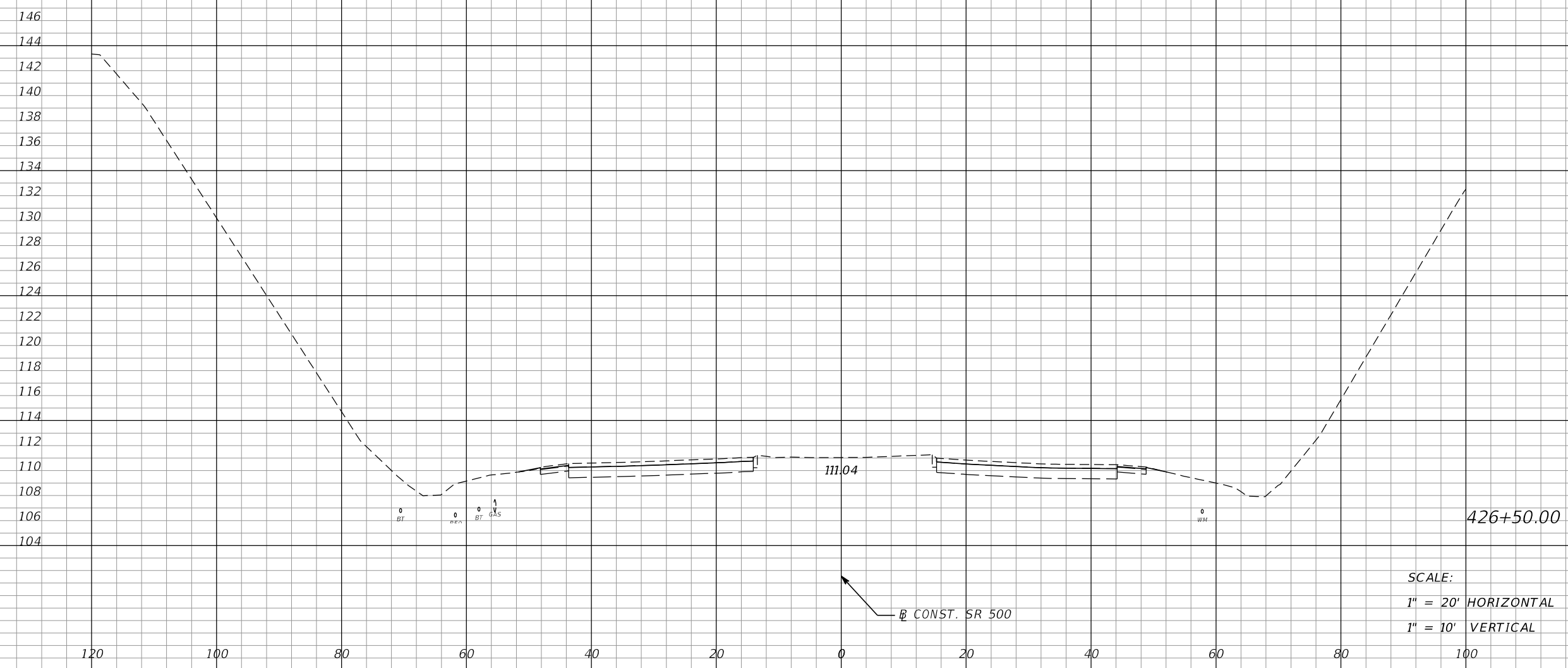


SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500		SHEET NO.
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01			269

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

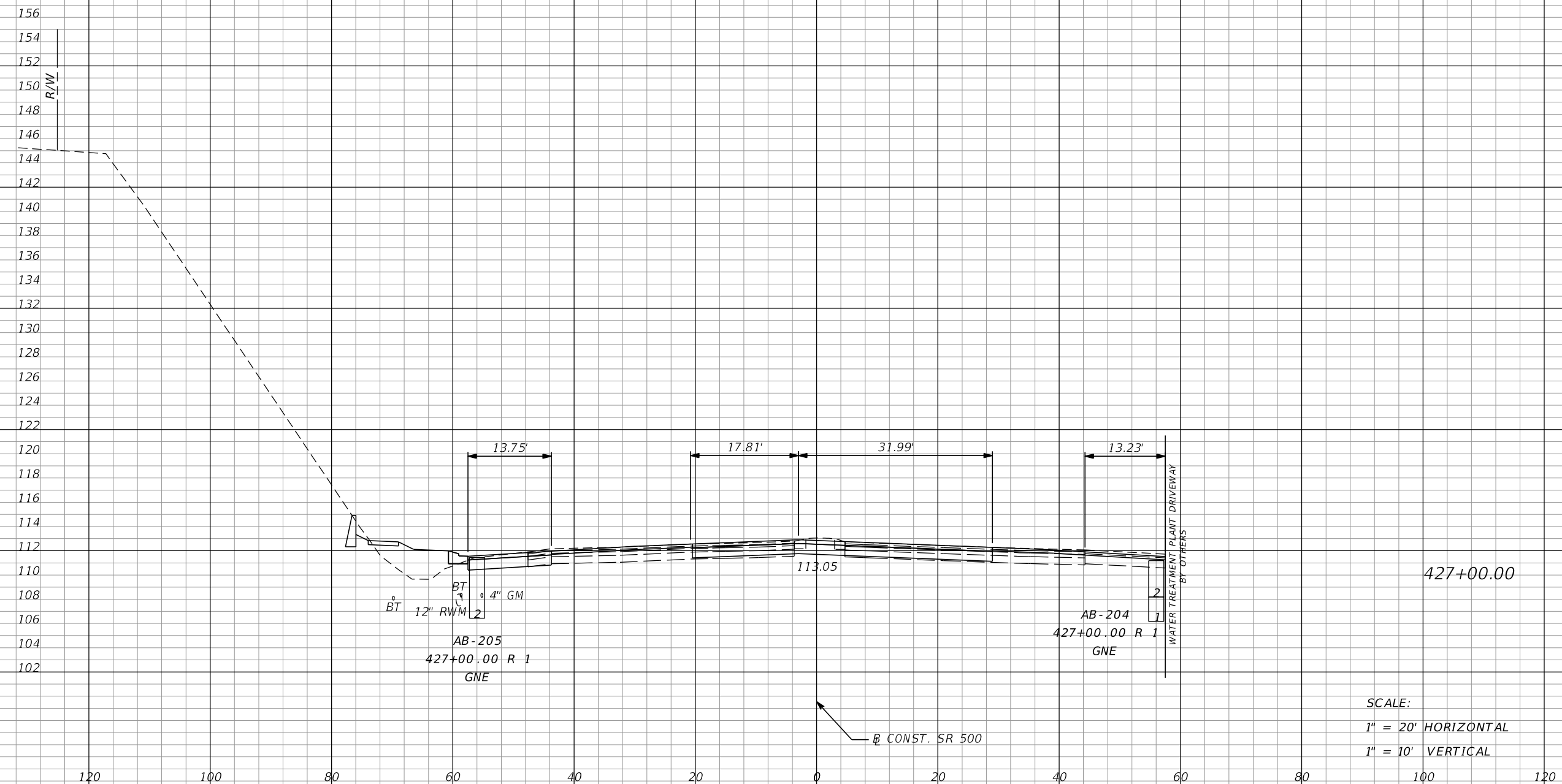
Regular		Exc.		Embankment	
A	V	A	V	A	V
0		0		0	0



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO. 270
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

77	71	23	21
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

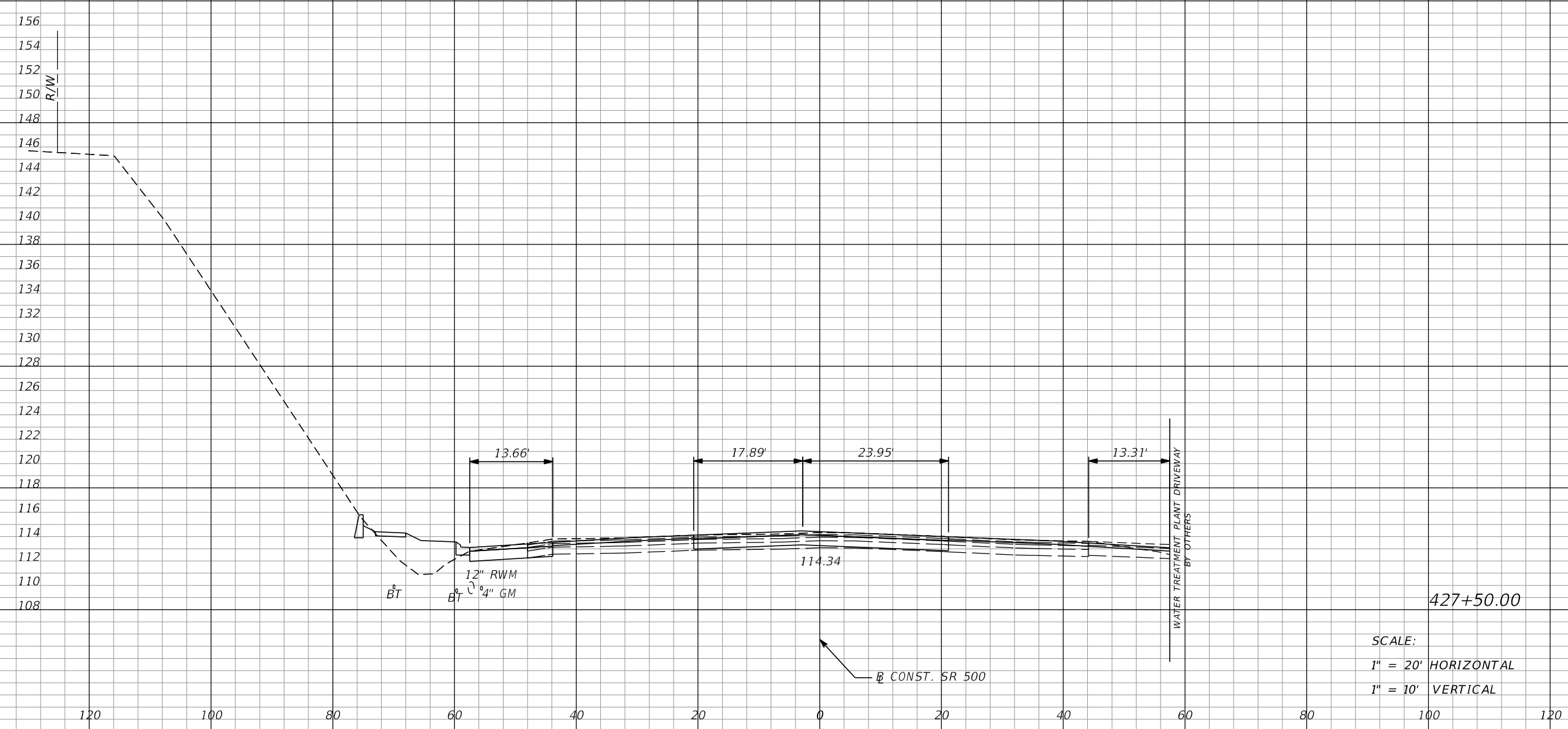
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
271

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V



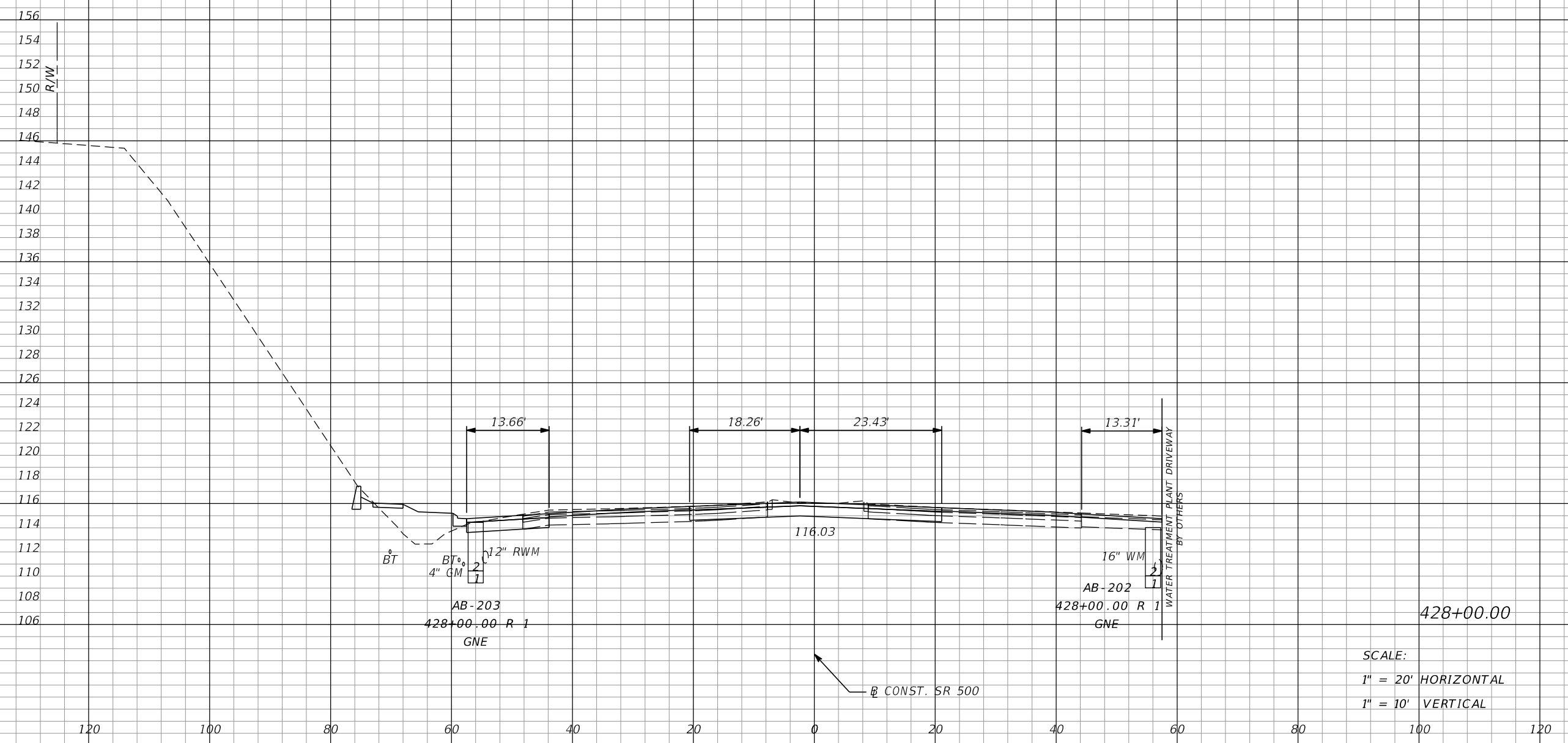
63	130	26	45
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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO. 272
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V



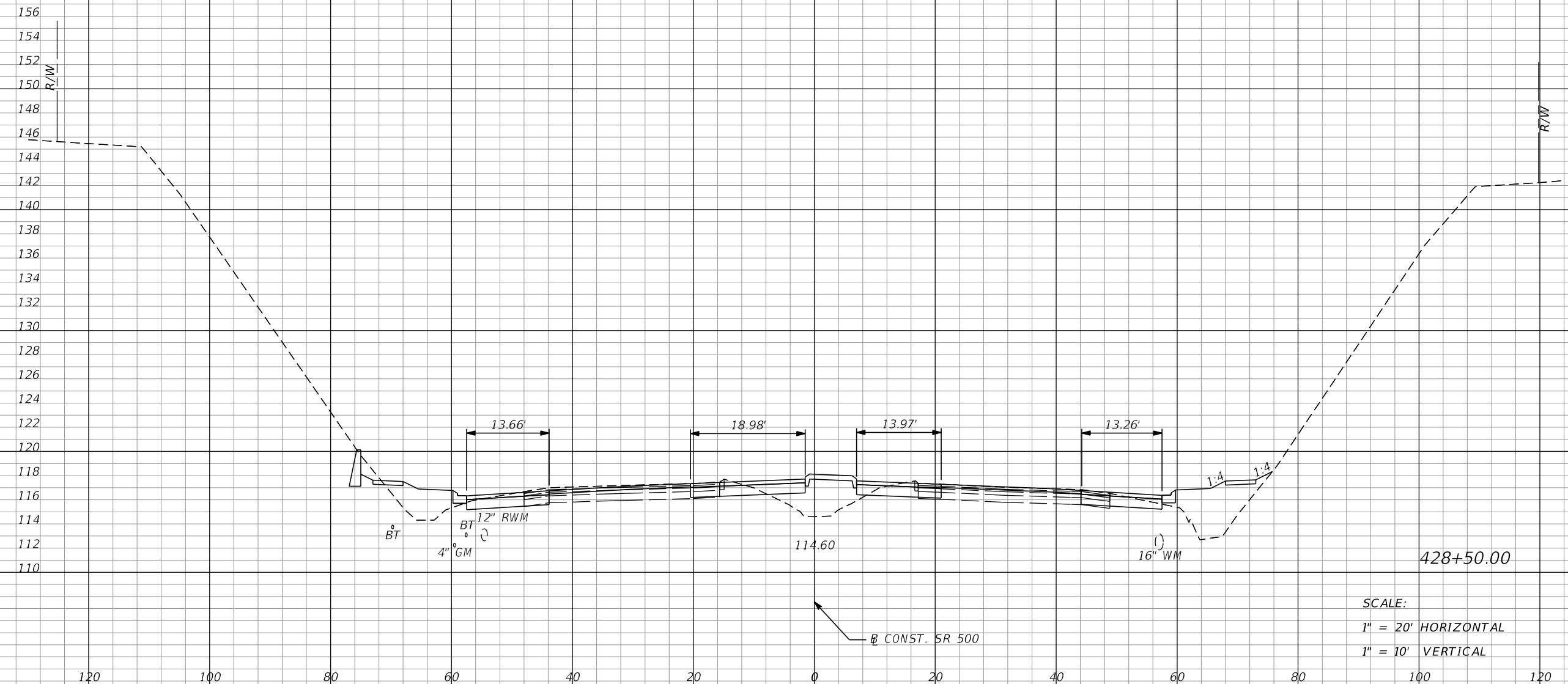
68	121	24	46
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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500		SHEET NO.
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01			273

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V



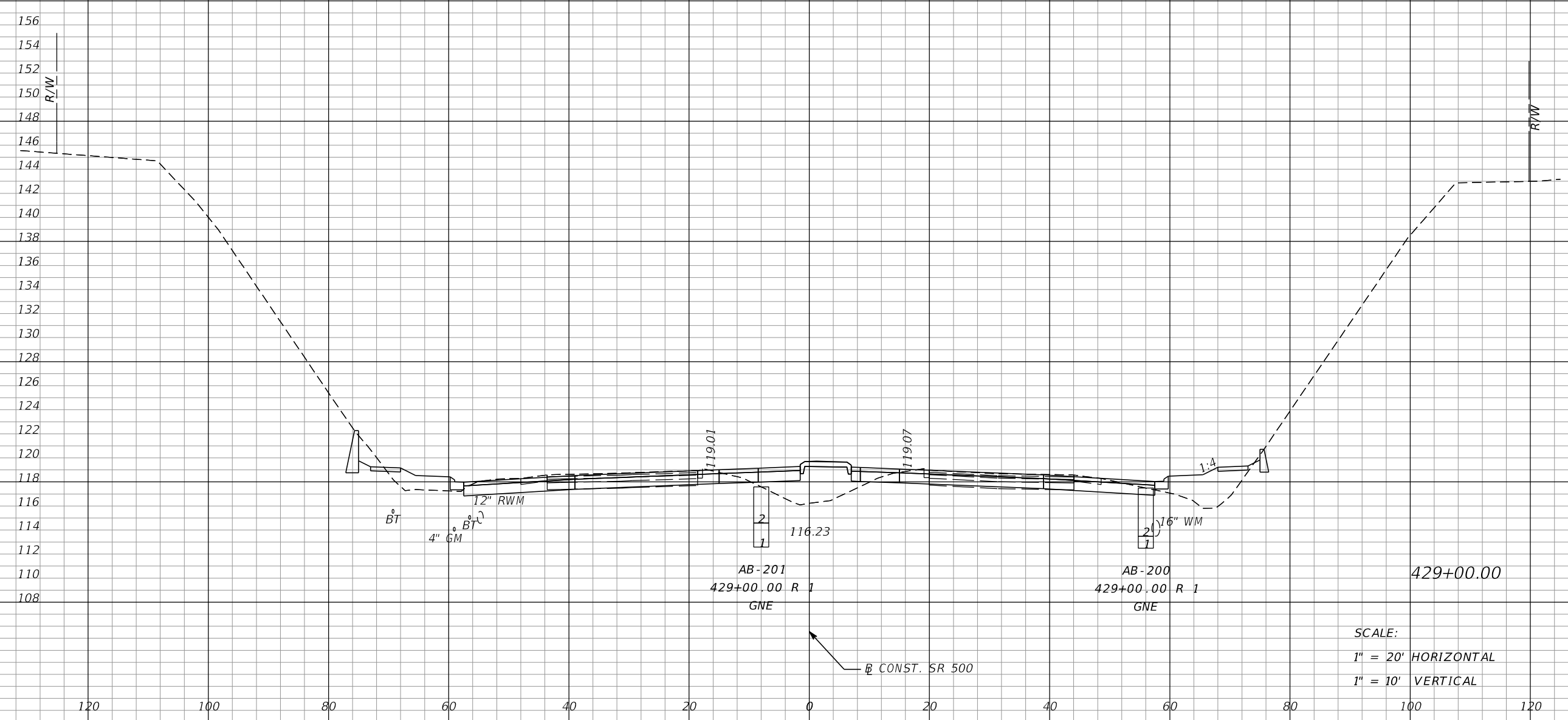
57	116	90	106
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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO. 274
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V



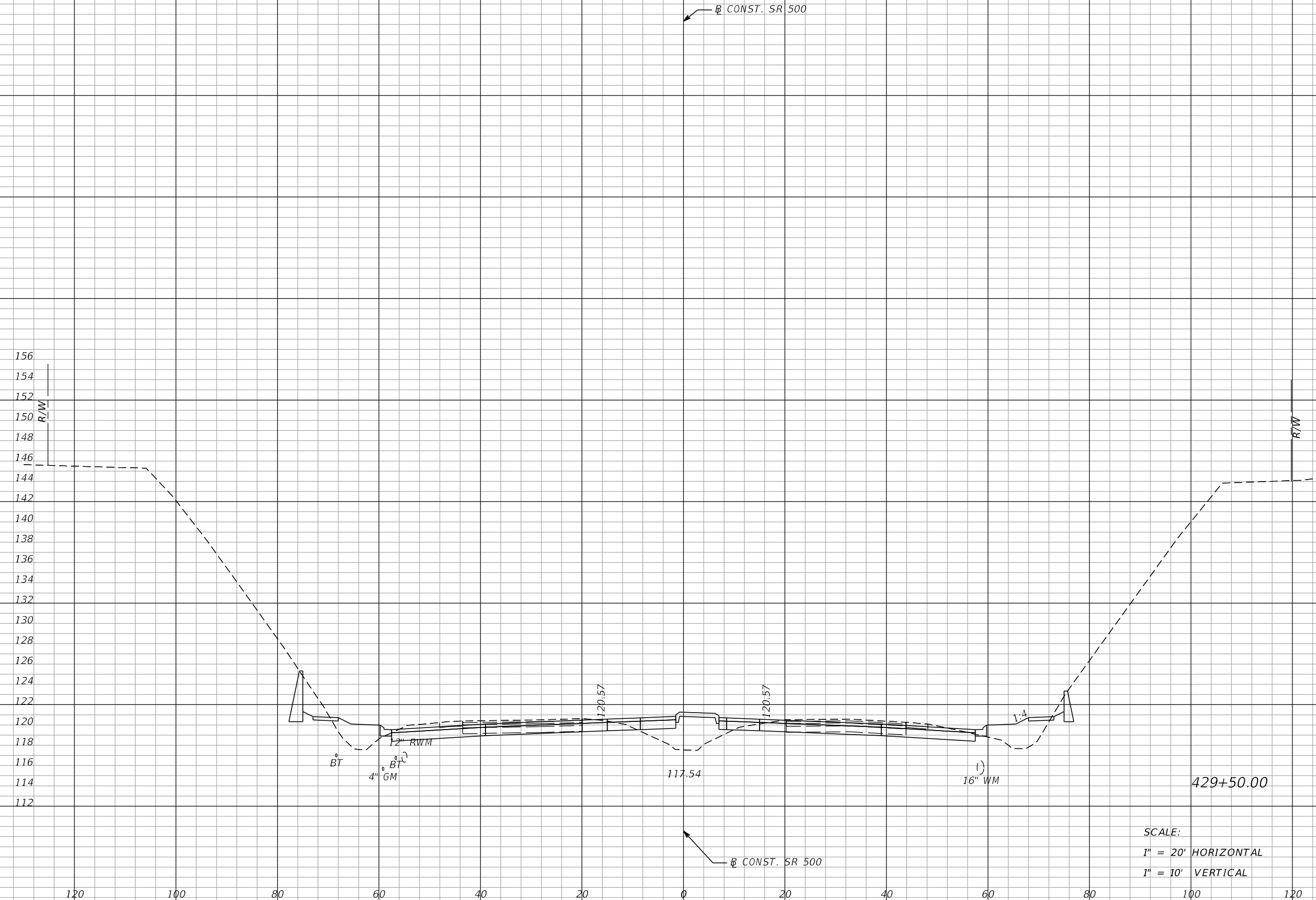
114	158	72	150
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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500		SHEET NO. 275
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V



145	240	73	134
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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

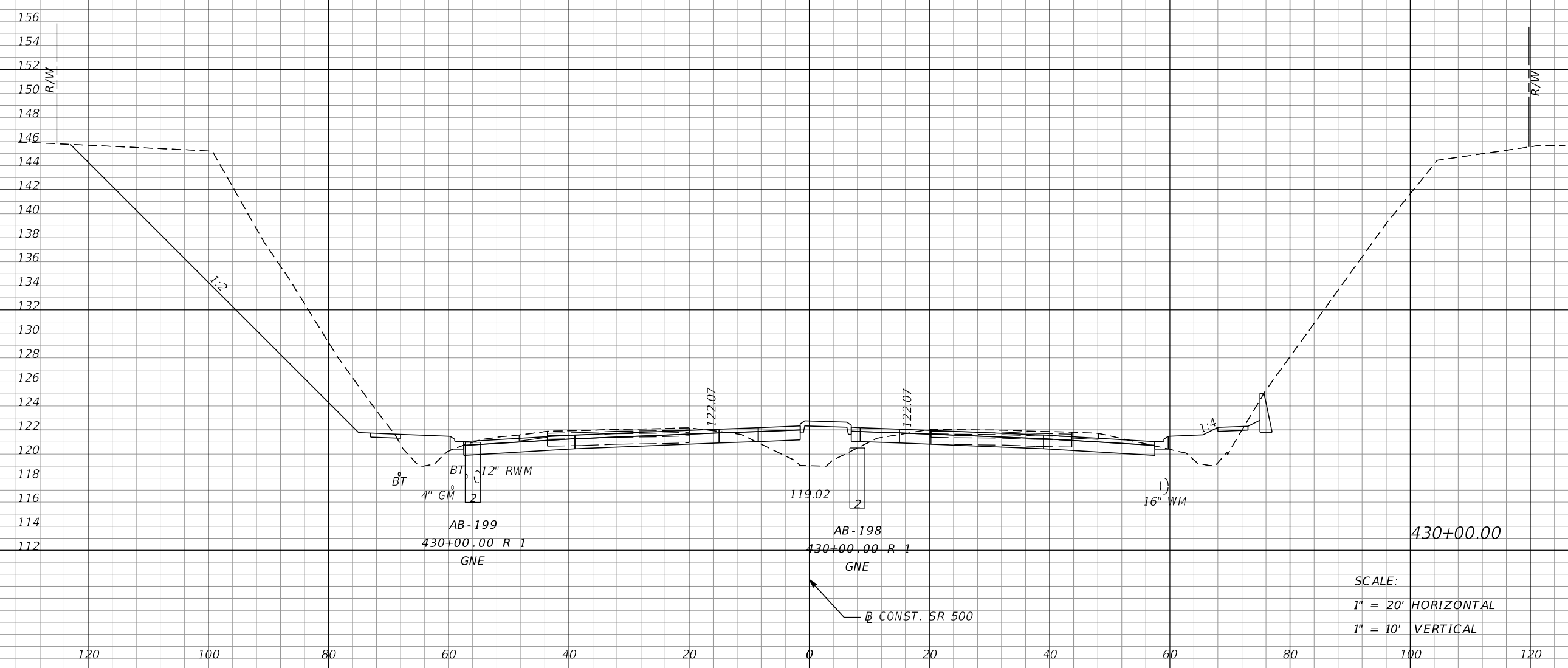
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
276

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V



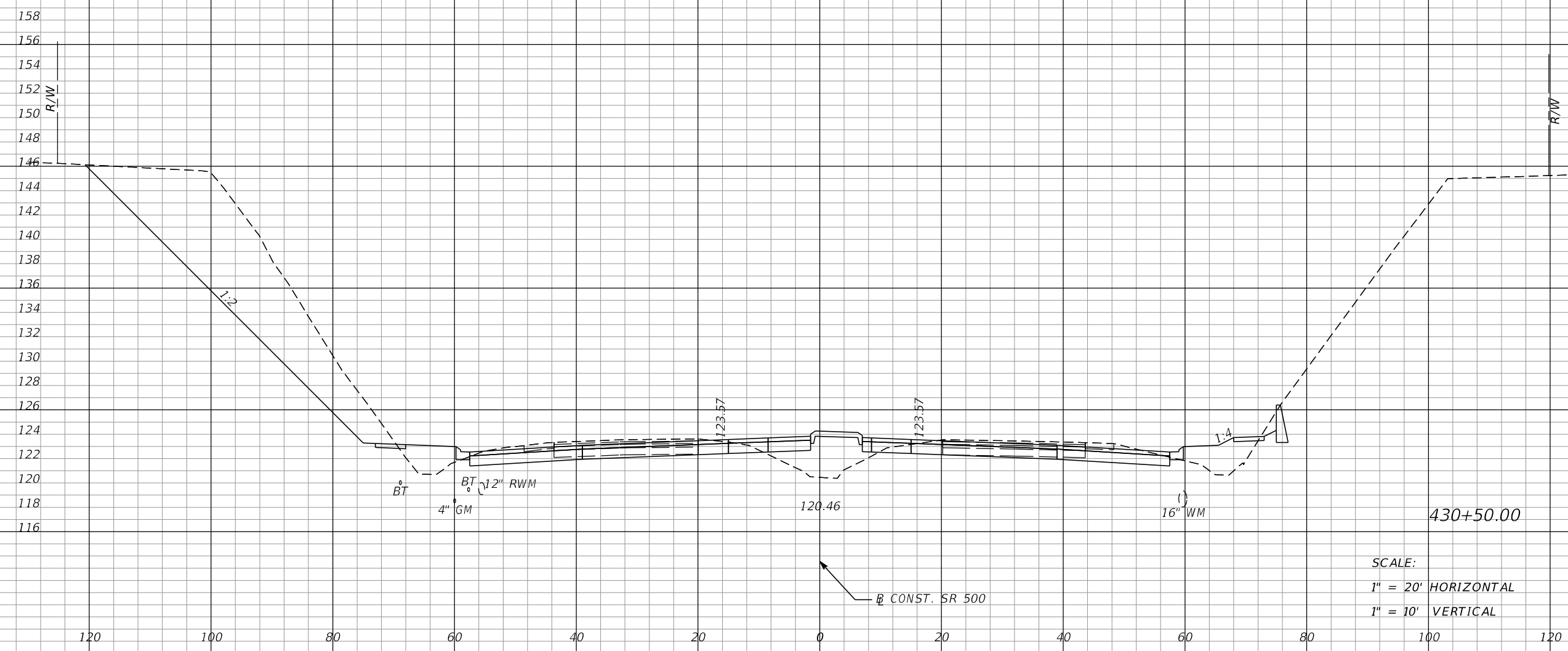
447	548	71	133
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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		277

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V



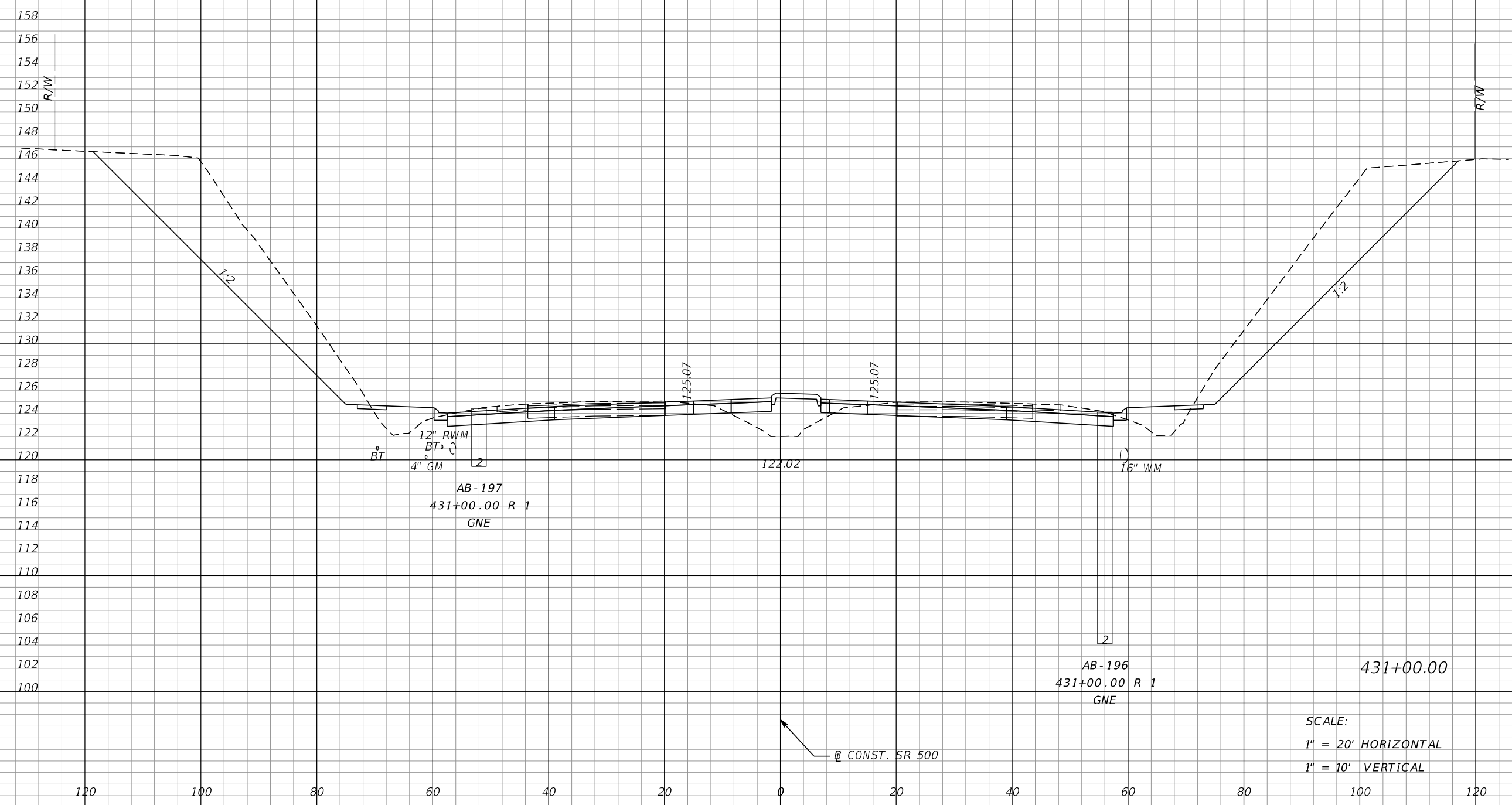
408	792	72	132
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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500		SHEET NO. 278
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. COUNTY FINANCIAL PROJECT ID SR 46 LAKE 238275-2-52-01					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V

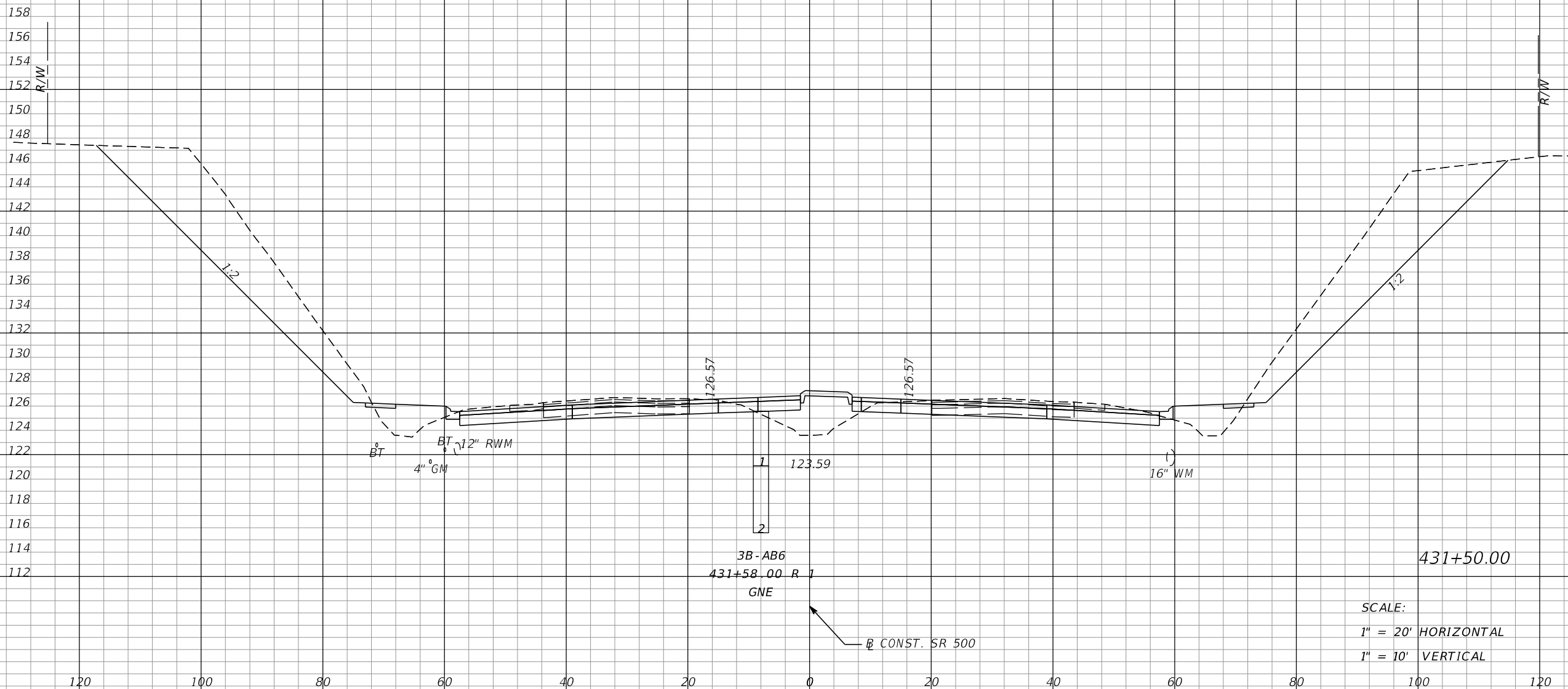


555	892	68	130
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REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		279

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
499		976		71	129



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

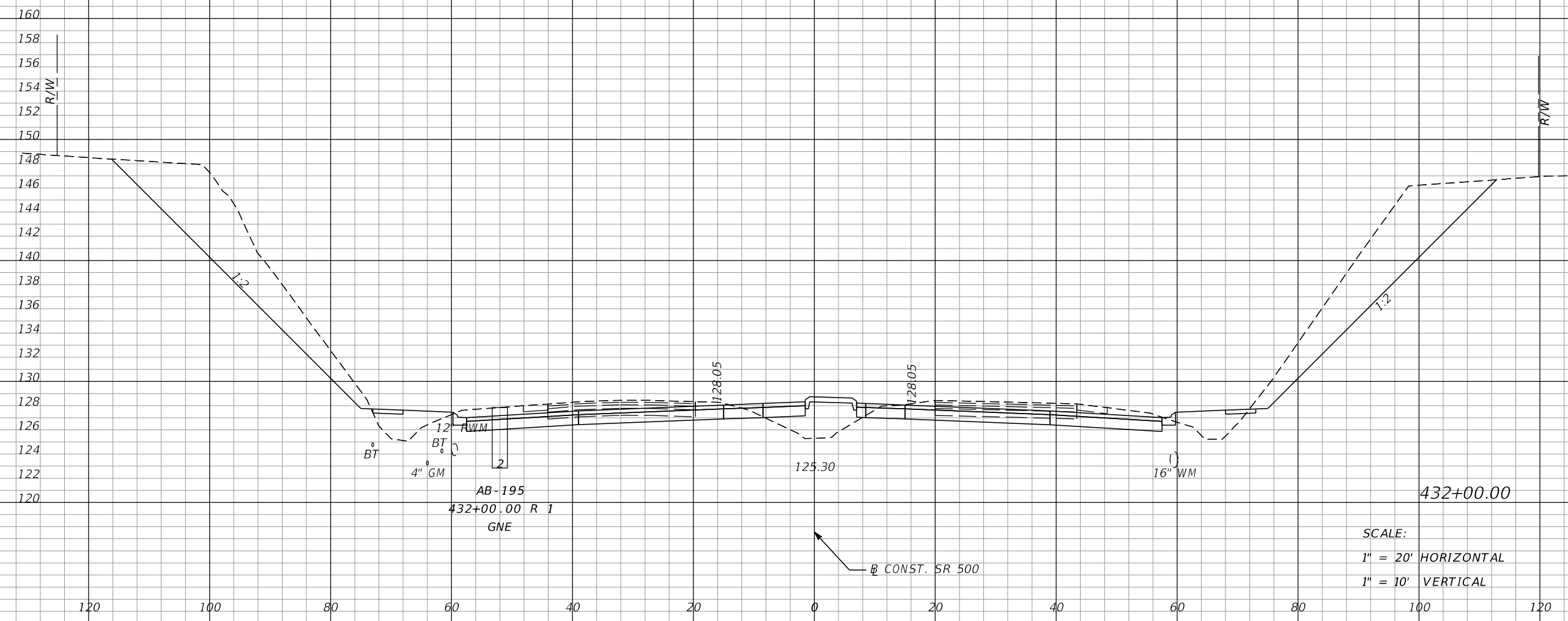
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
280

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V



474	901	63	124
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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

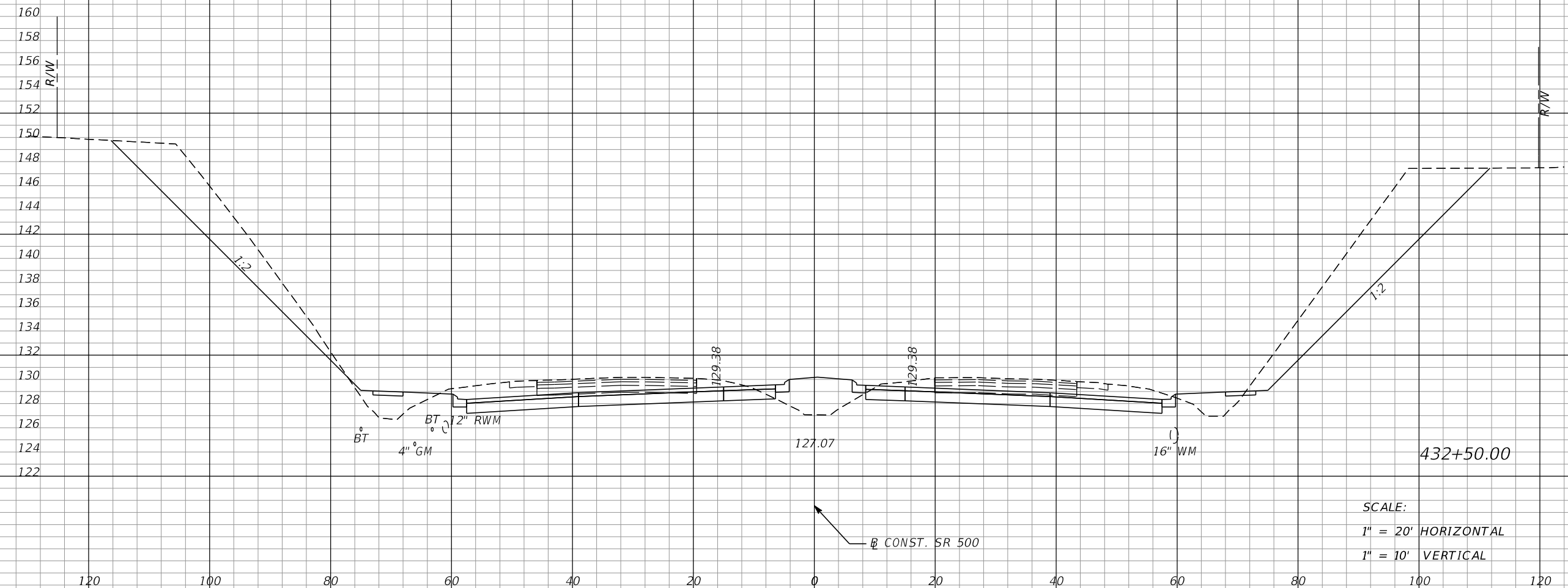
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
281

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V



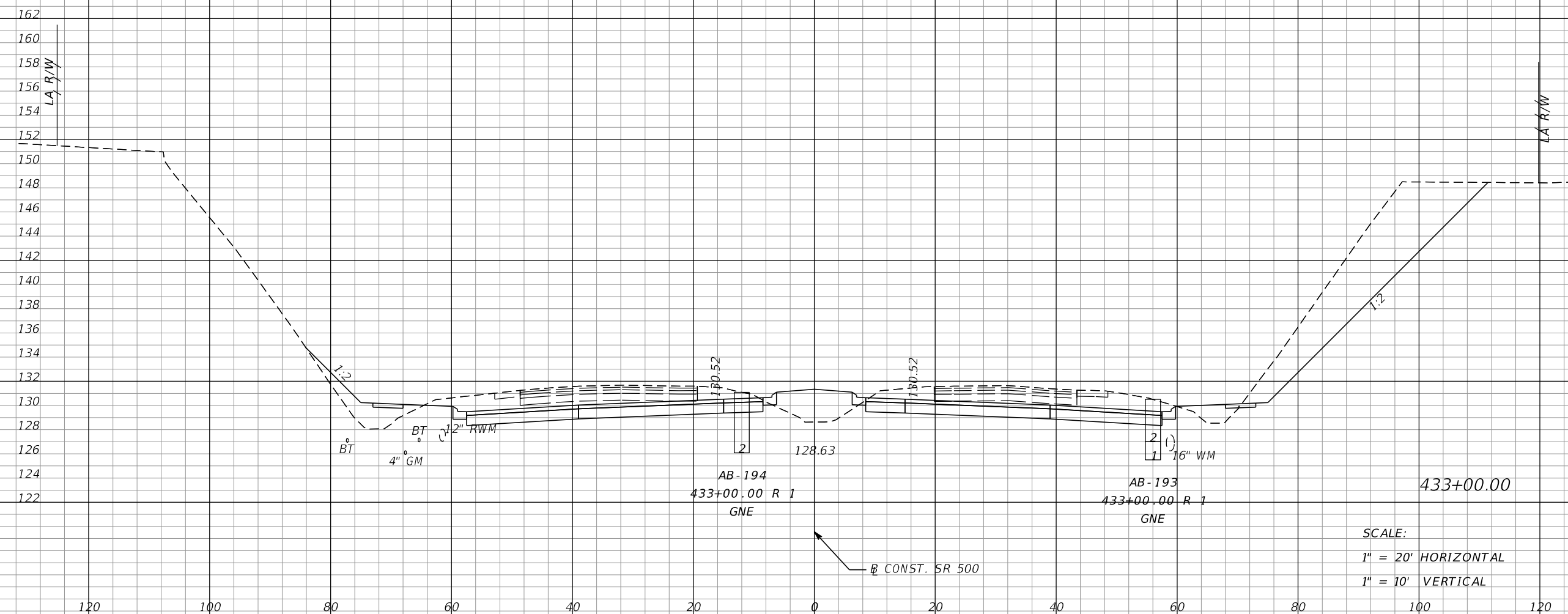
469	873	61	115
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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO. 282
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. COUNTY FINANCIAL PROJECT ID SR 46 LAKE 238275-2-52-01				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V



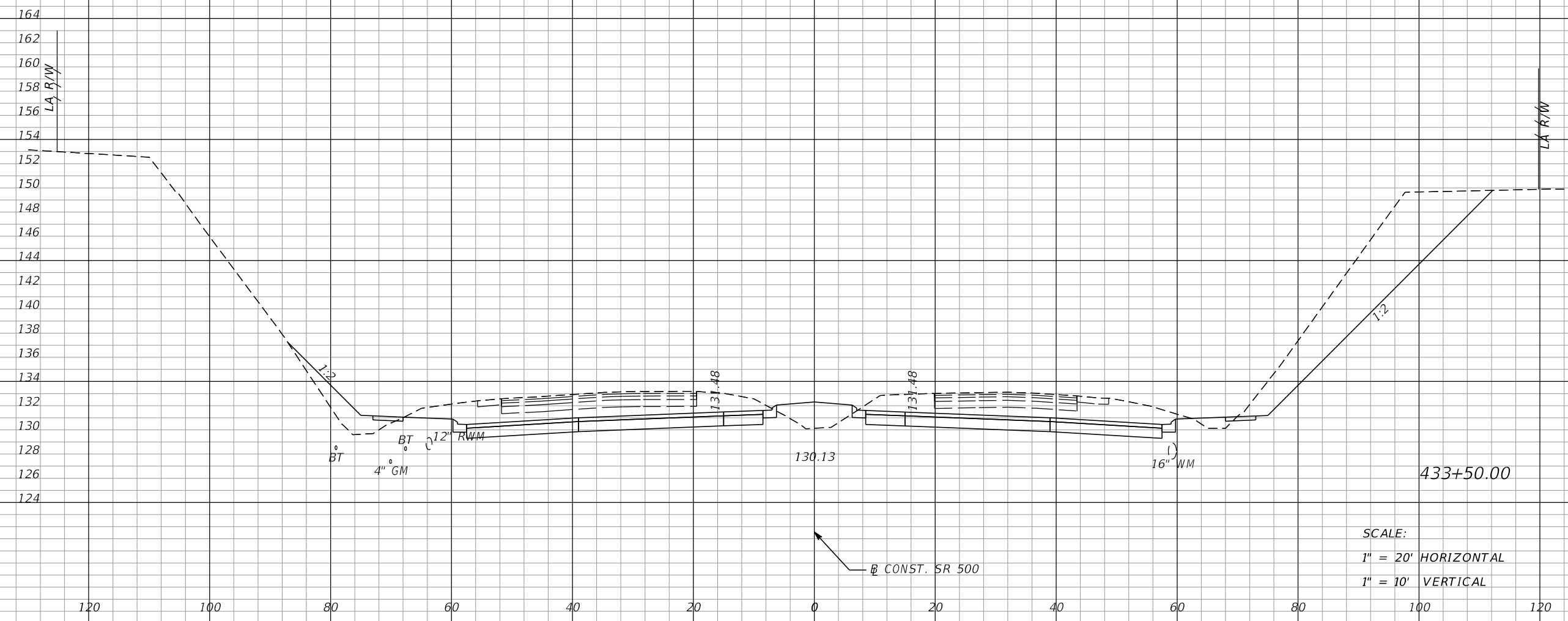
482	881	58	110
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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

DATE		DESCRIPTION		DATE		DESCRIPTION		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO. 283
								ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
											SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V



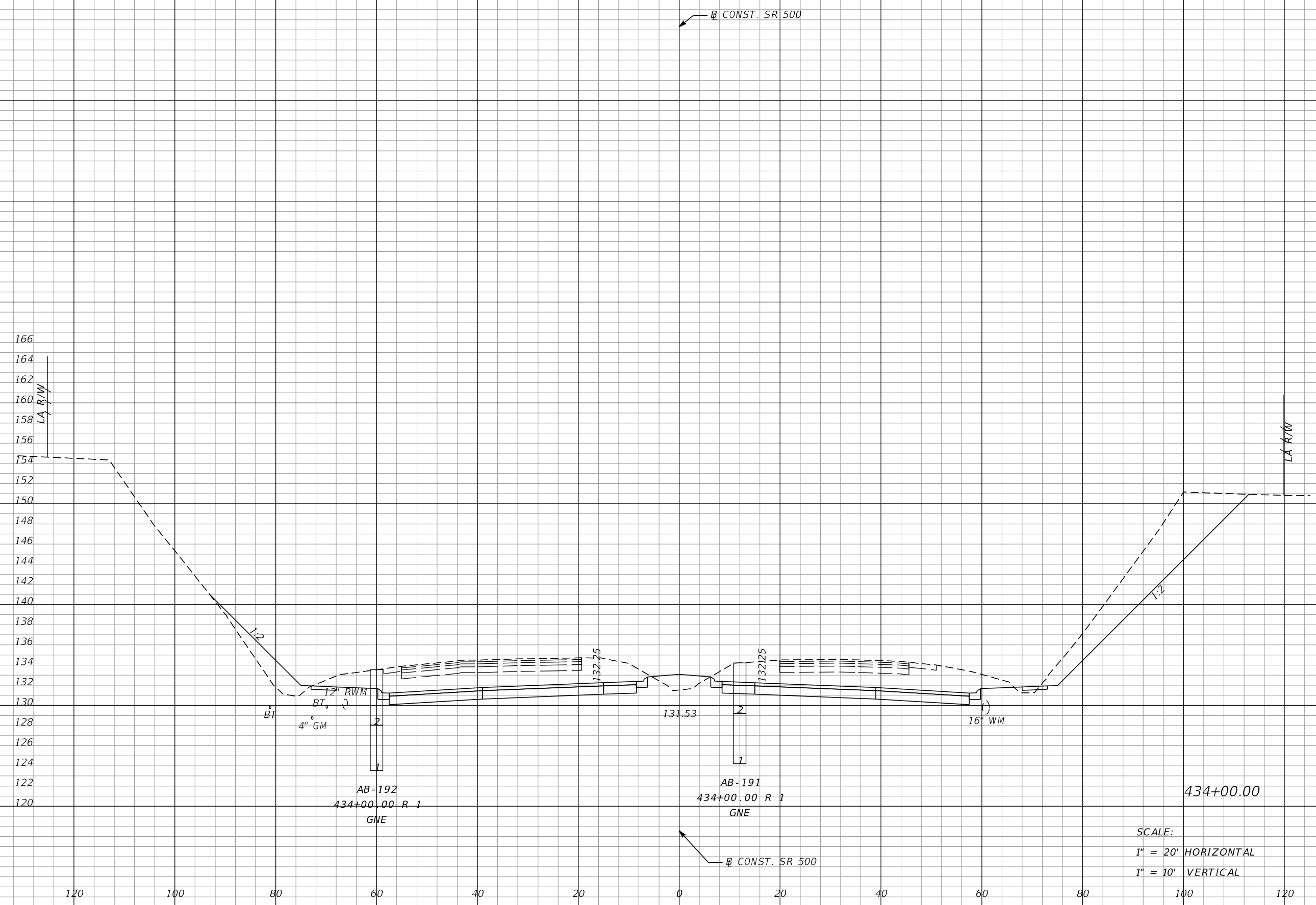
538	944	46	96
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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO. 284
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V



590	1044	40	80
-----	------	----	----

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

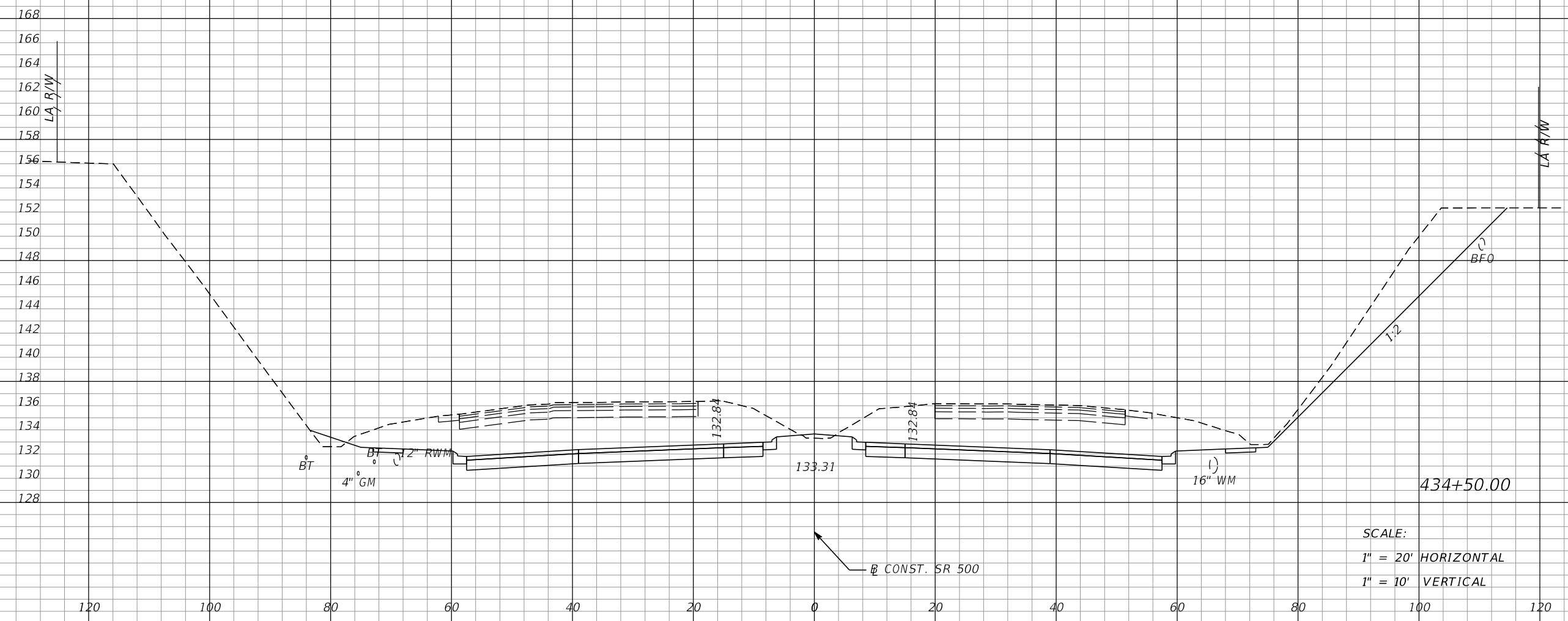
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
285

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V

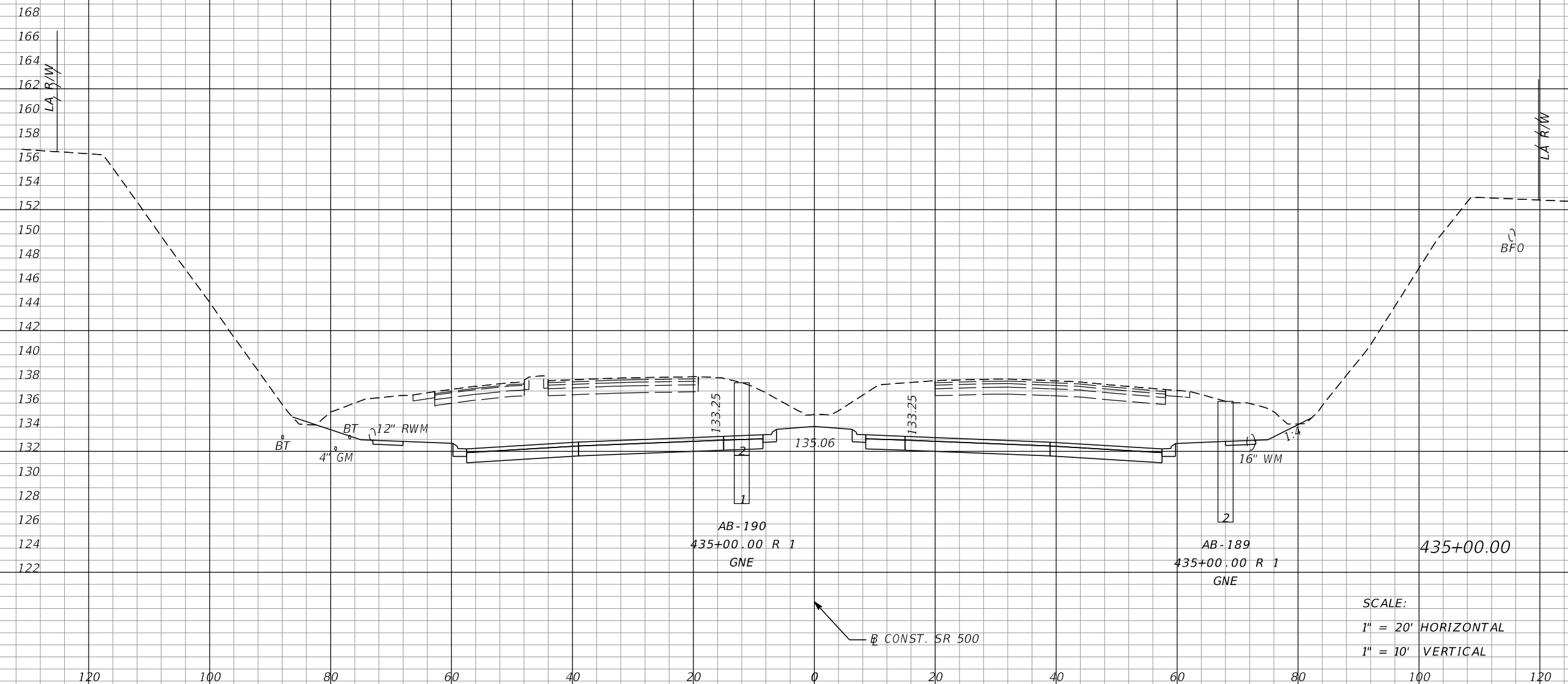


663	1160	5	42
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<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS		DATE	DESCRIPTION			MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		CROSS SECTIONS SR 500	SHEET NO. 286
REVISIONS															
DATE	DESCRIPTION														
ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003		ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01											

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V

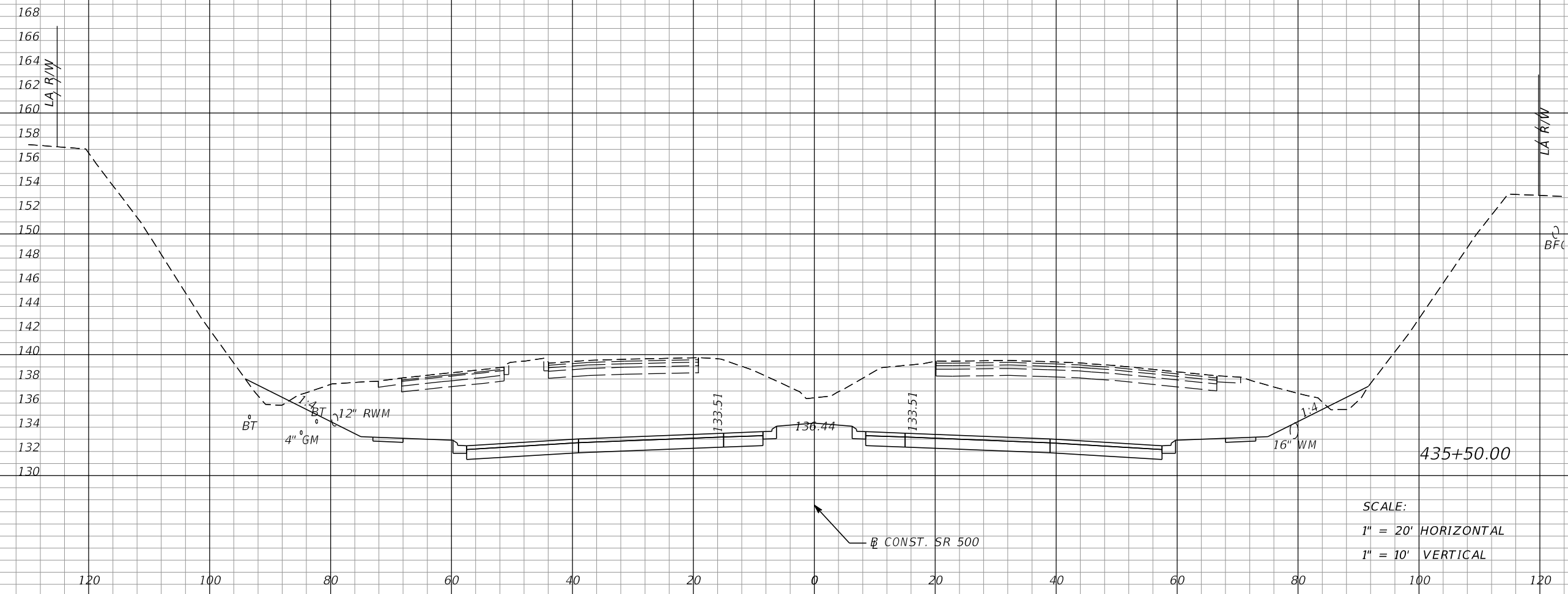


793	1348	1	6
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REVISIONS															
DATE	DESCRIPTION														
ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003		ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01											

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular Exc. Embankment
A V A V

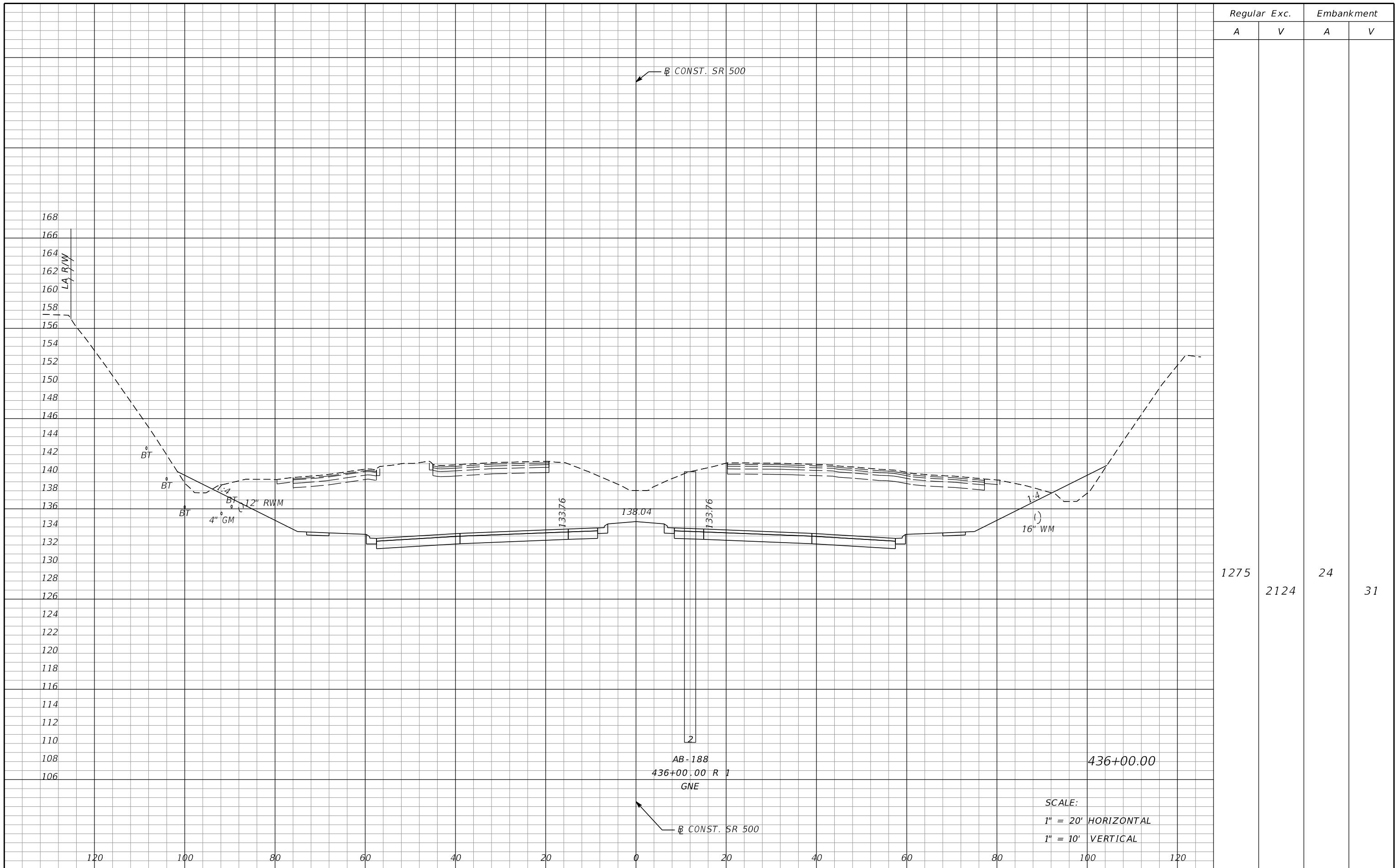


1019	1678	10	10
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SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

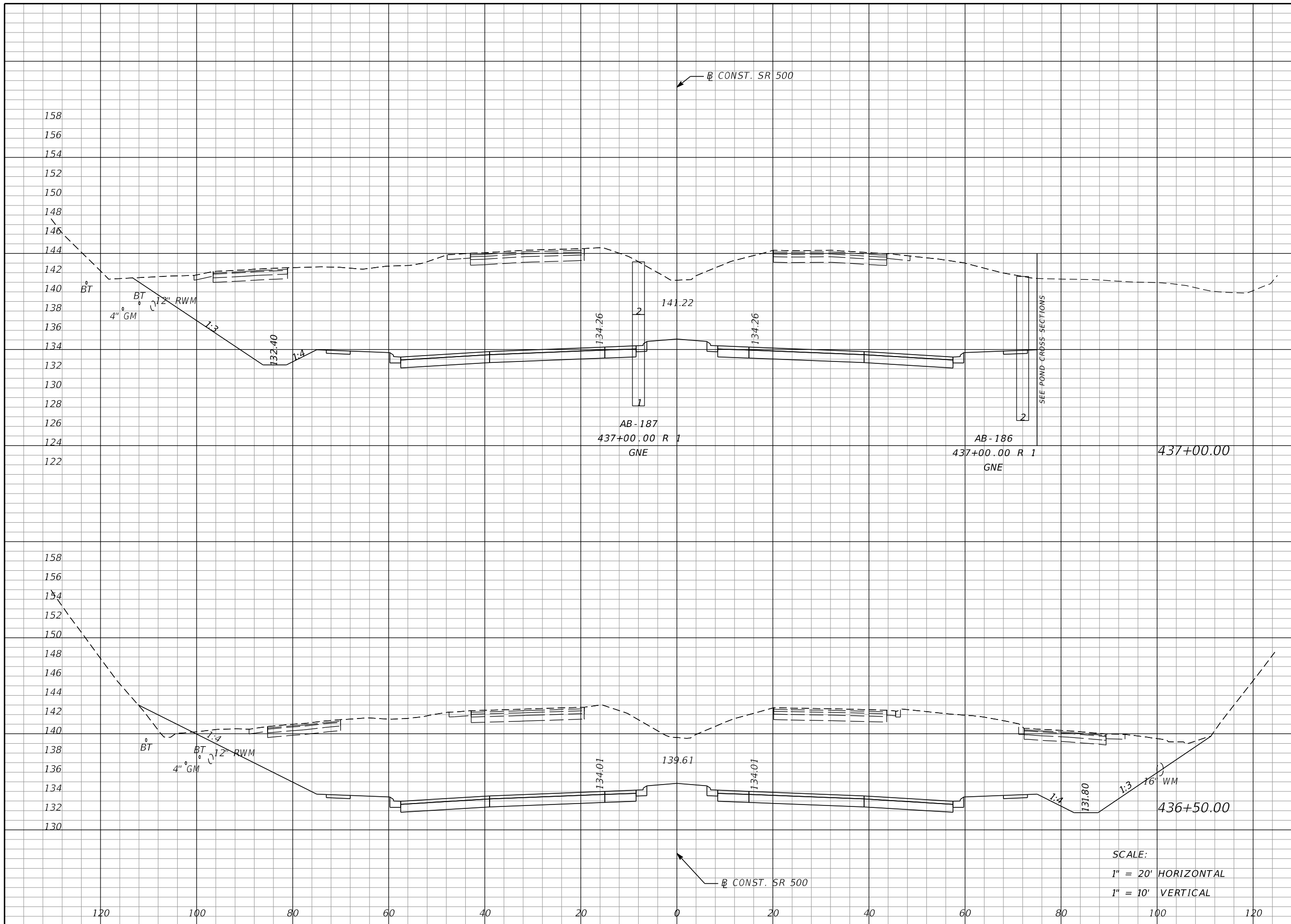
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 288
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	
CROSS SECTIONS SR 500								

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REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO. 289
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
1776	3164	0	10		
1641	2700	11	32		

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

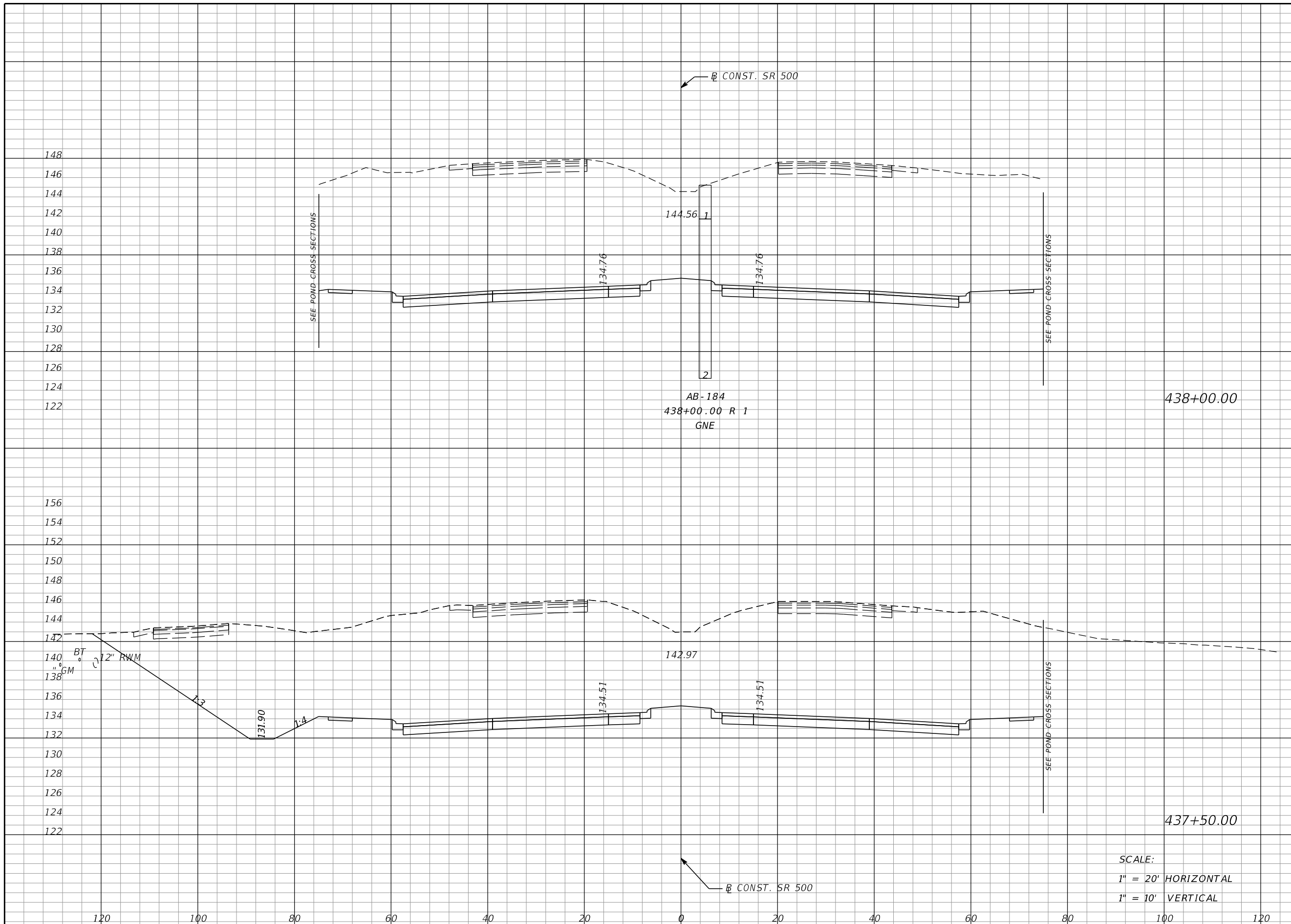
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS SR 500		SHEET NO.
		290

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
1977			3785	0	0
				2111	0
			3599		0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

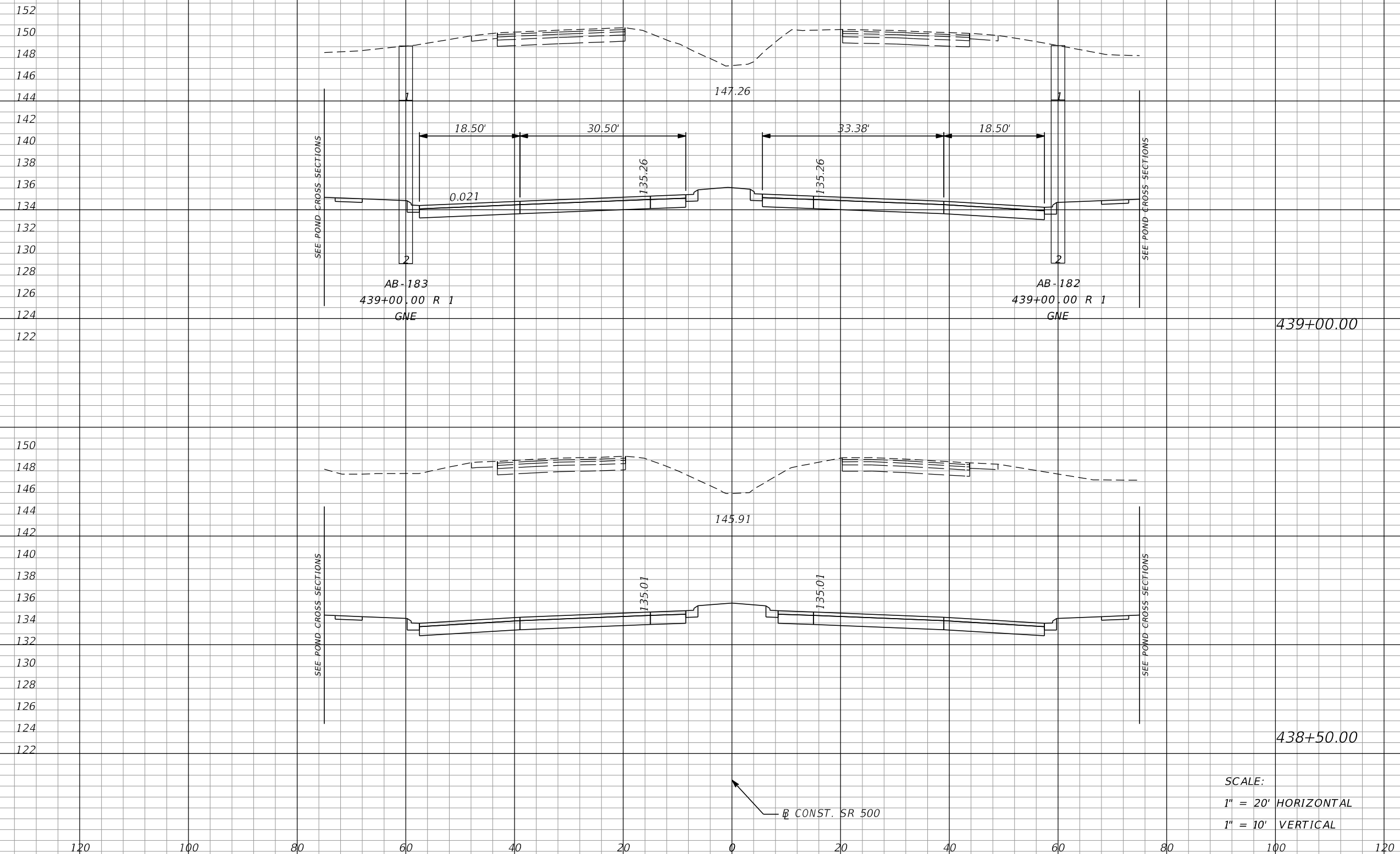
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
291

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular Exc. Embankment
A V A V



2322 4145 0 0

2155 3826 0 0

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

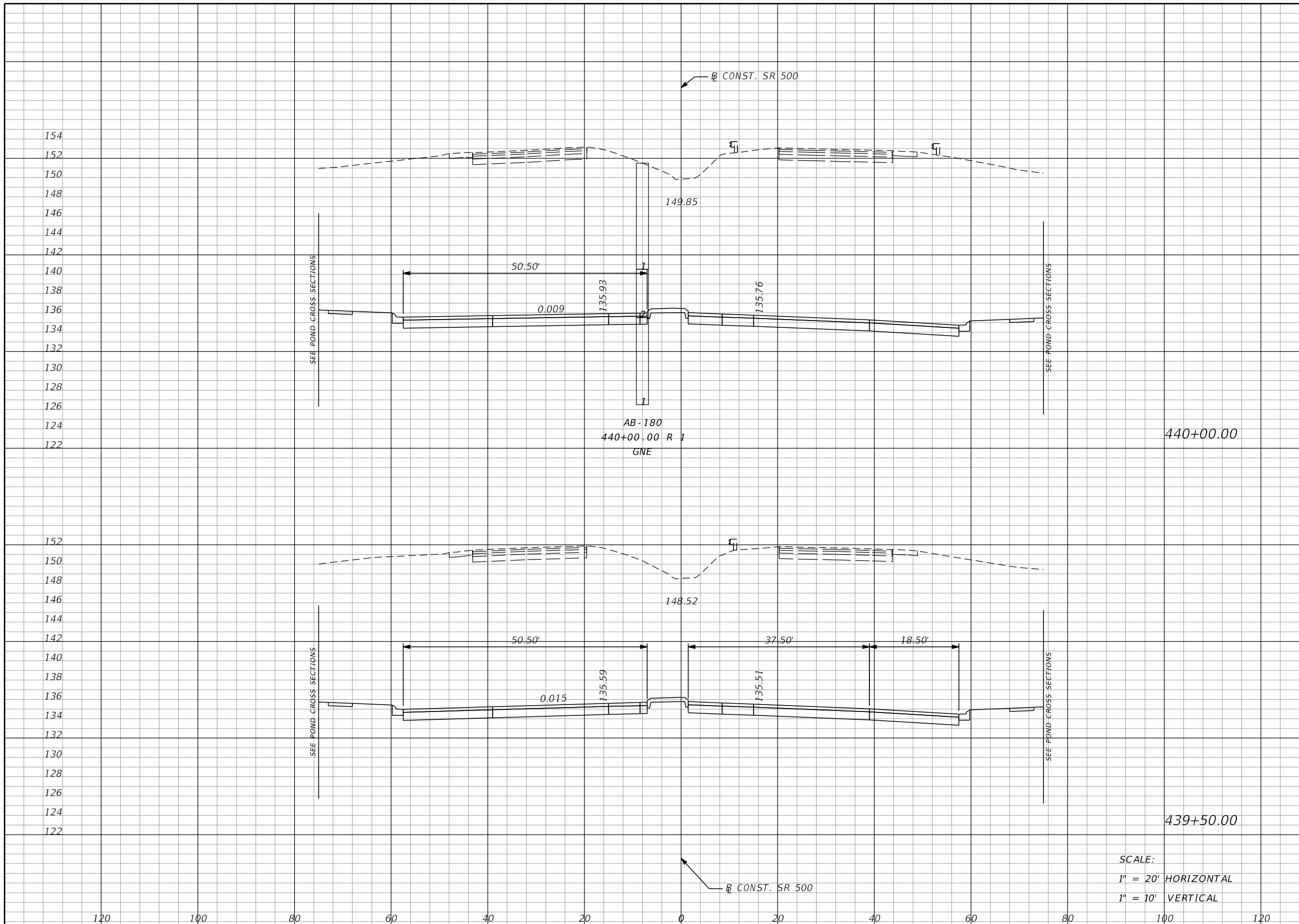
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
292

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
2603			4704	0	0
2477			4444	0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

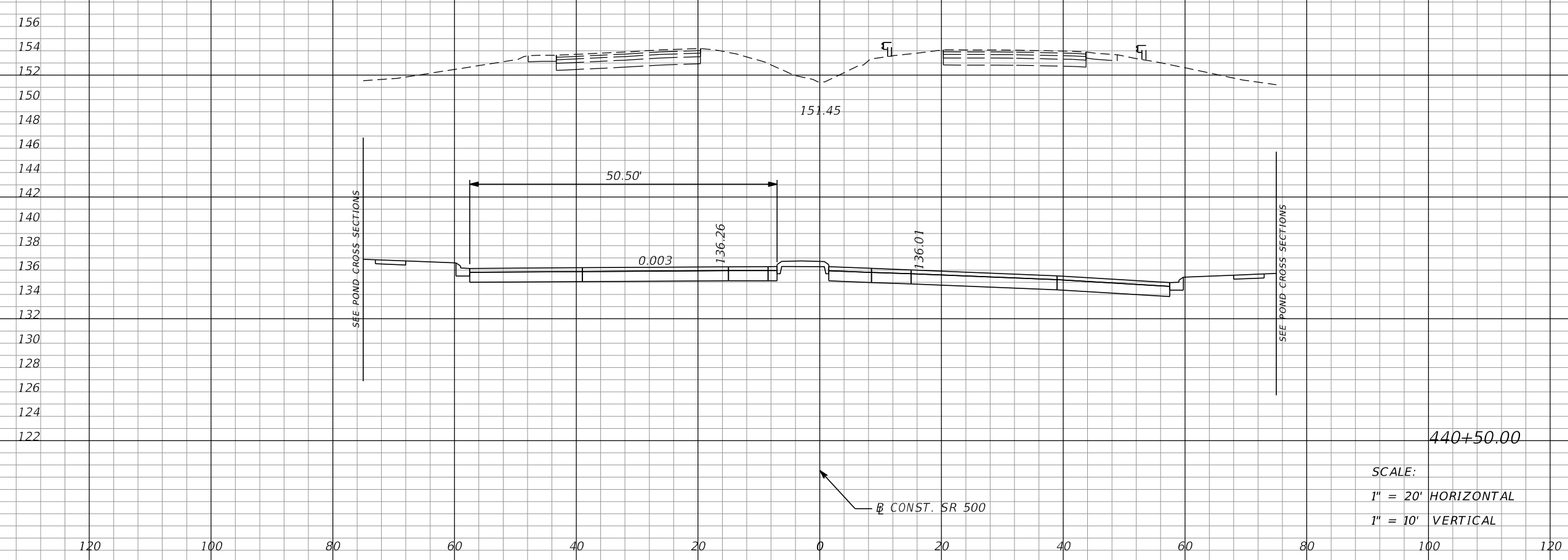
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
 293

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular Exc.		Embankment	
A	V	A	V



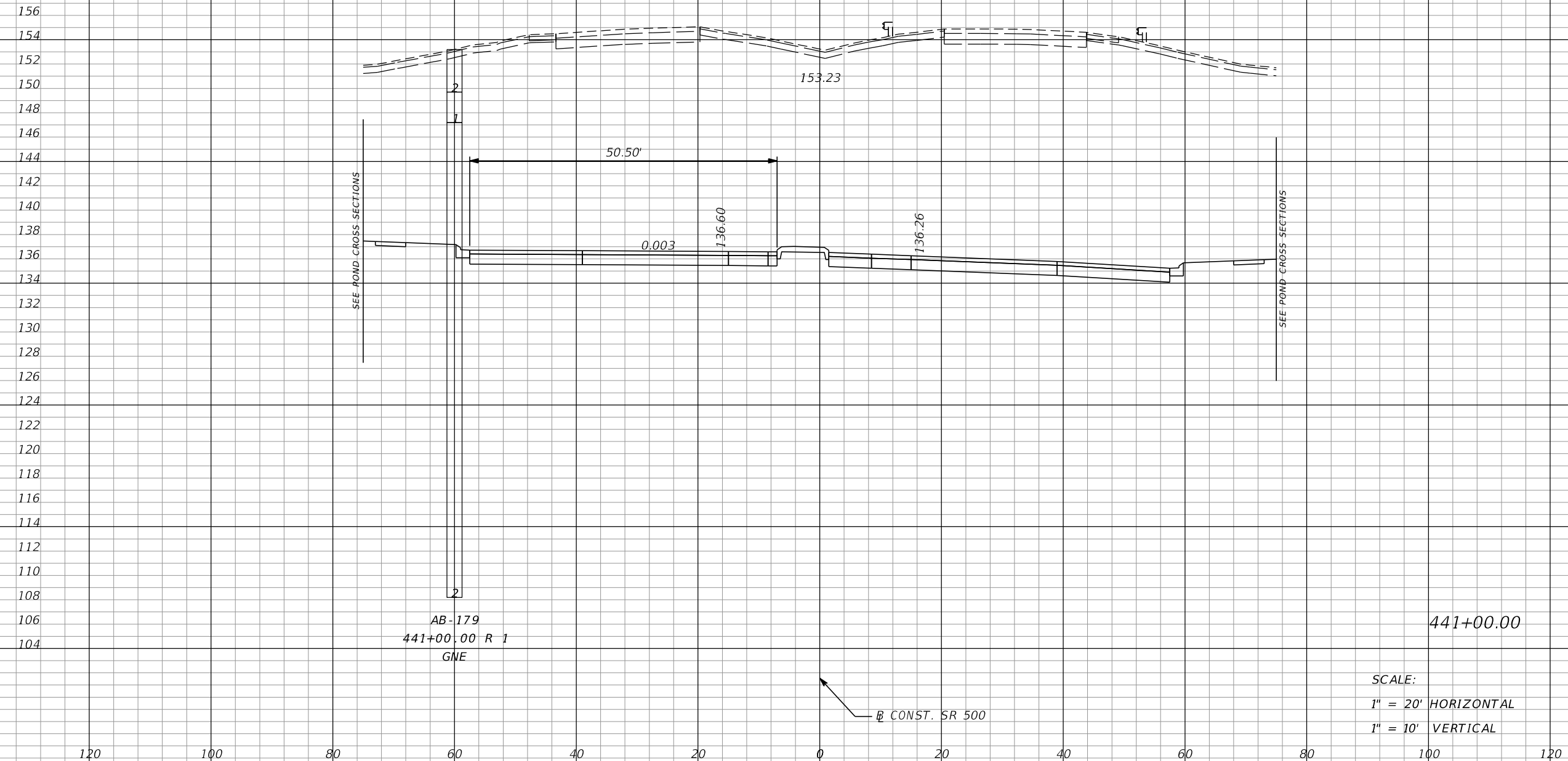
2704	4914	0	0
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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

DATE		DESCRIPTION		DATE		DESCRIPTION		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO. 294
								ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
											SR 46	LAKE	238275-2-52-01		

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Regular		Exc.		Embankment	
A	V	A	V	A	V

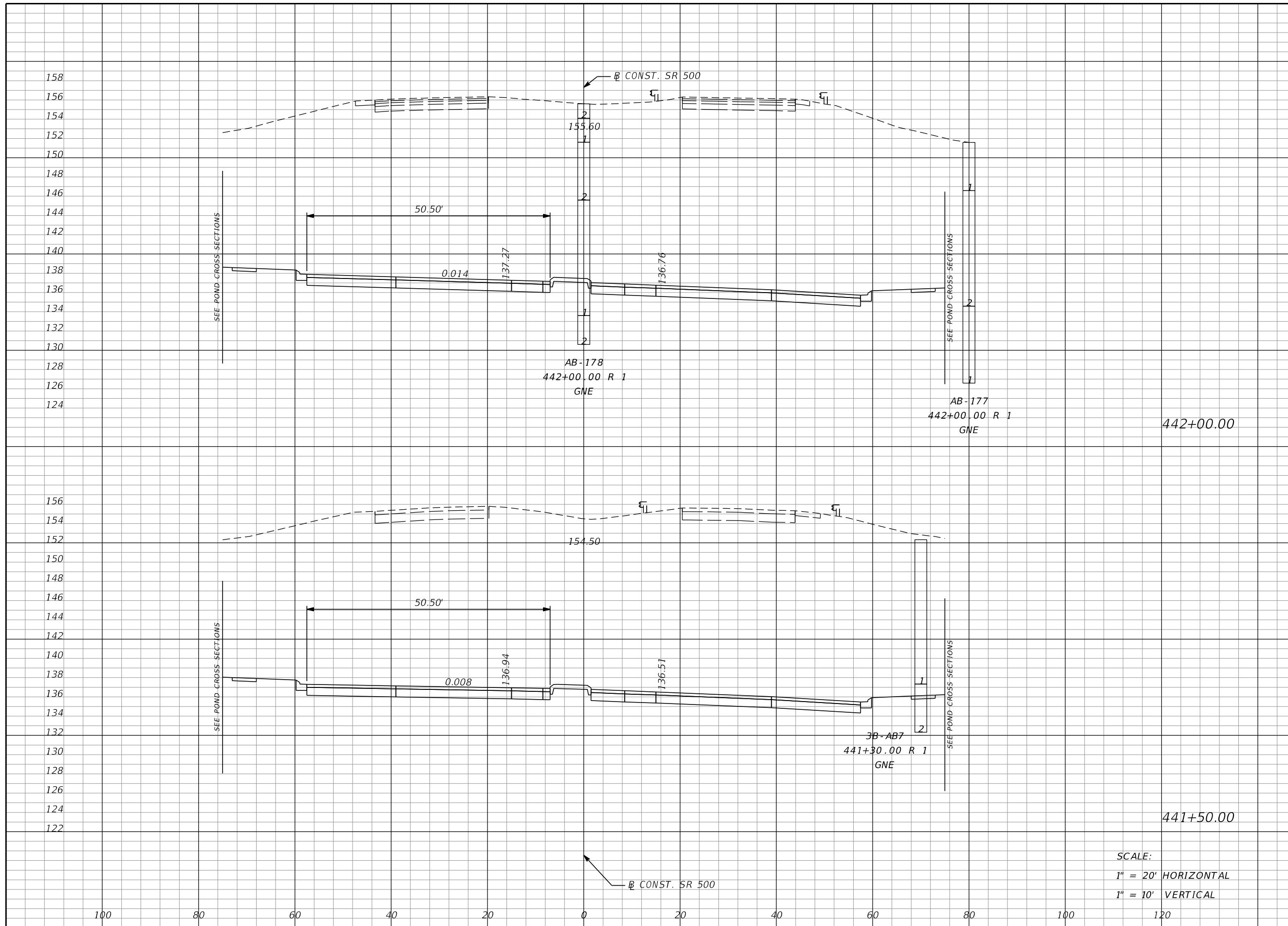


2771	5069	0	0
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REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 295
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	

CROSS SECTIONS
SR 500

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
2868			5281	0	0
2836			5192	0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

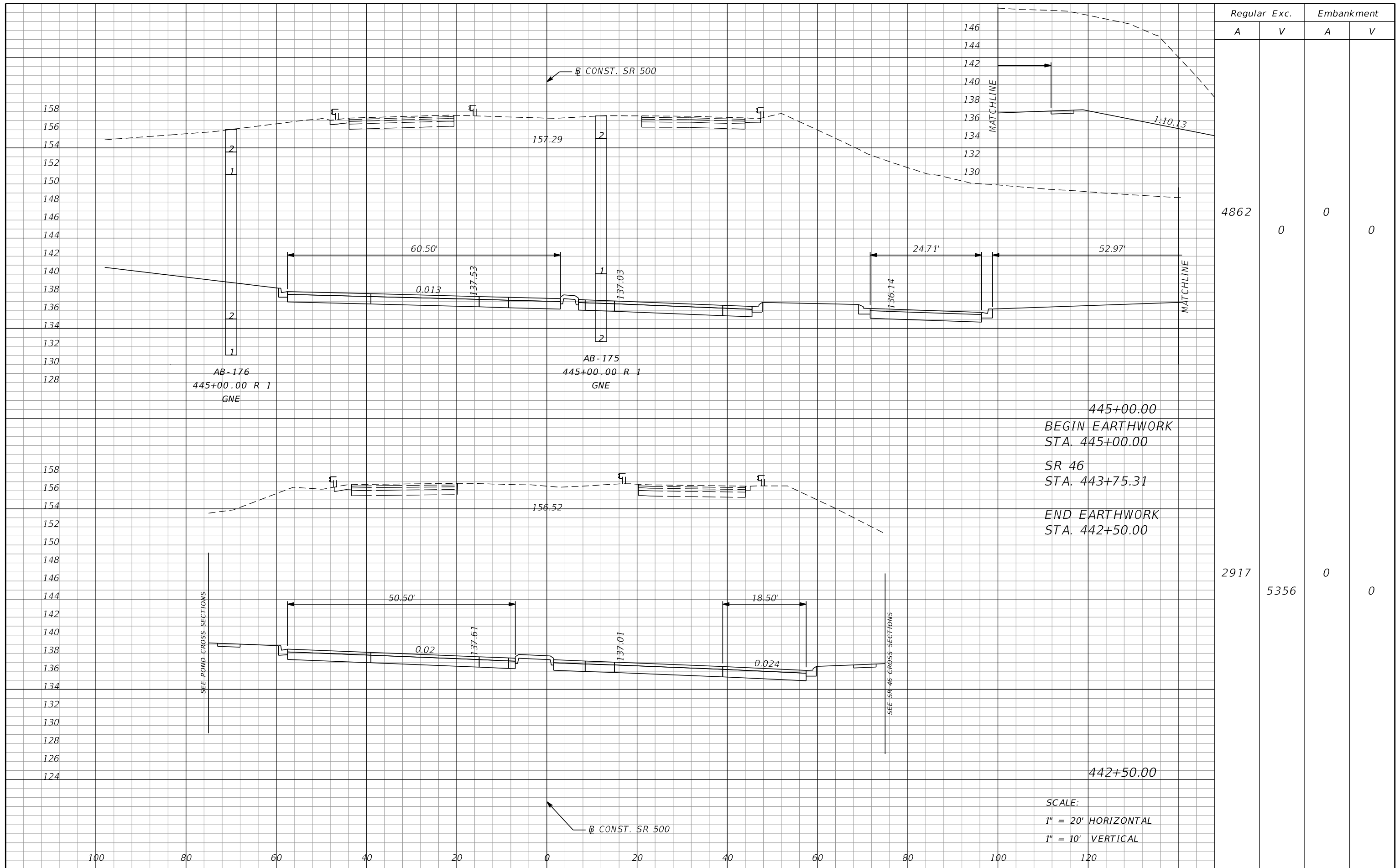
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
296

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

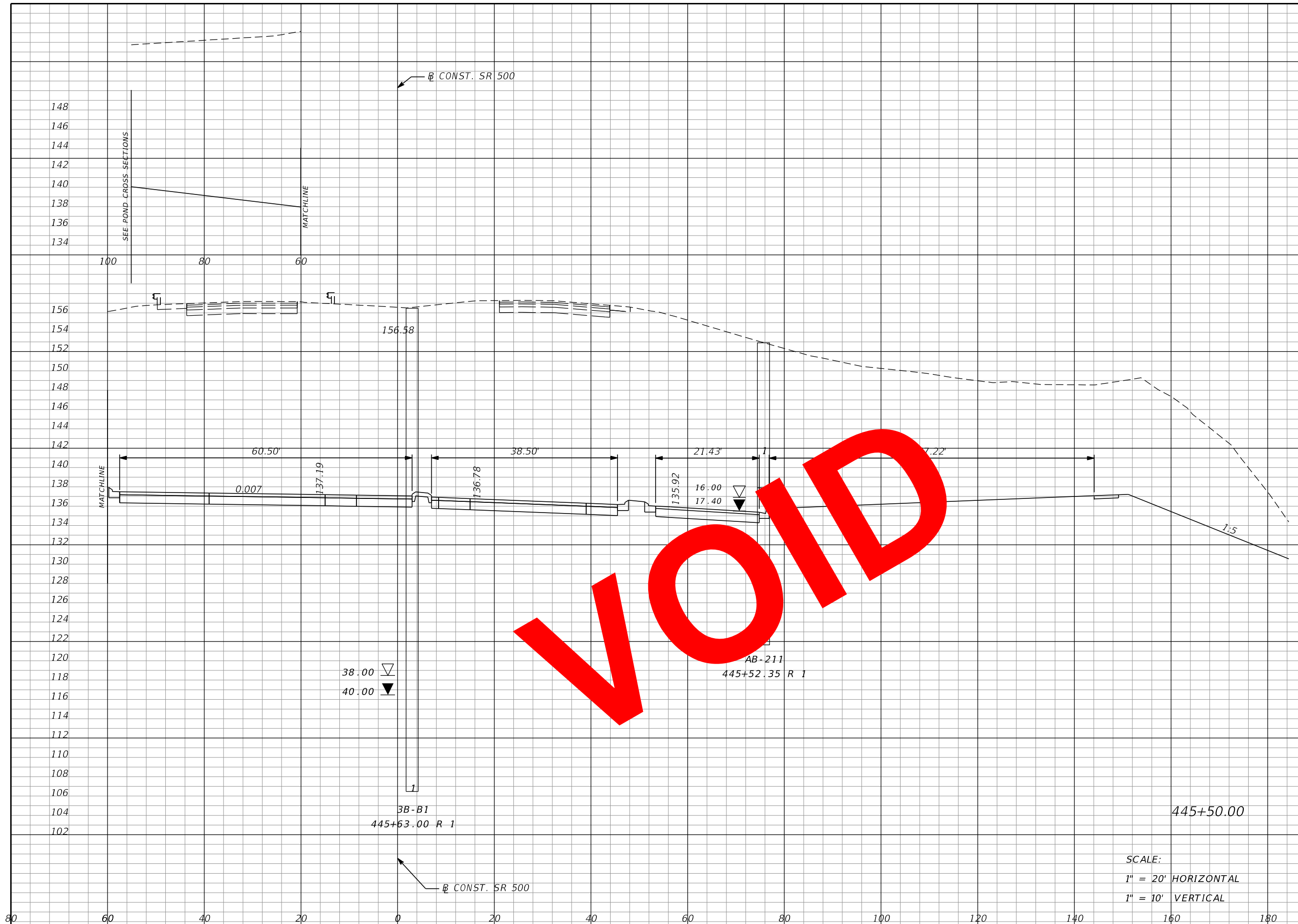


445+00.00
 BEGIN EARTHWORK
 STA. 445+00.00
 SR 46
 STA. 443+75.31
 END EARTHWORK
 STA. 442+50.00

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<h2 style="margin: 0;">CROSS SECTIONS</h2> <h3 style="margin: 0;">SR 500</h3>	SHEET NO. 297
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

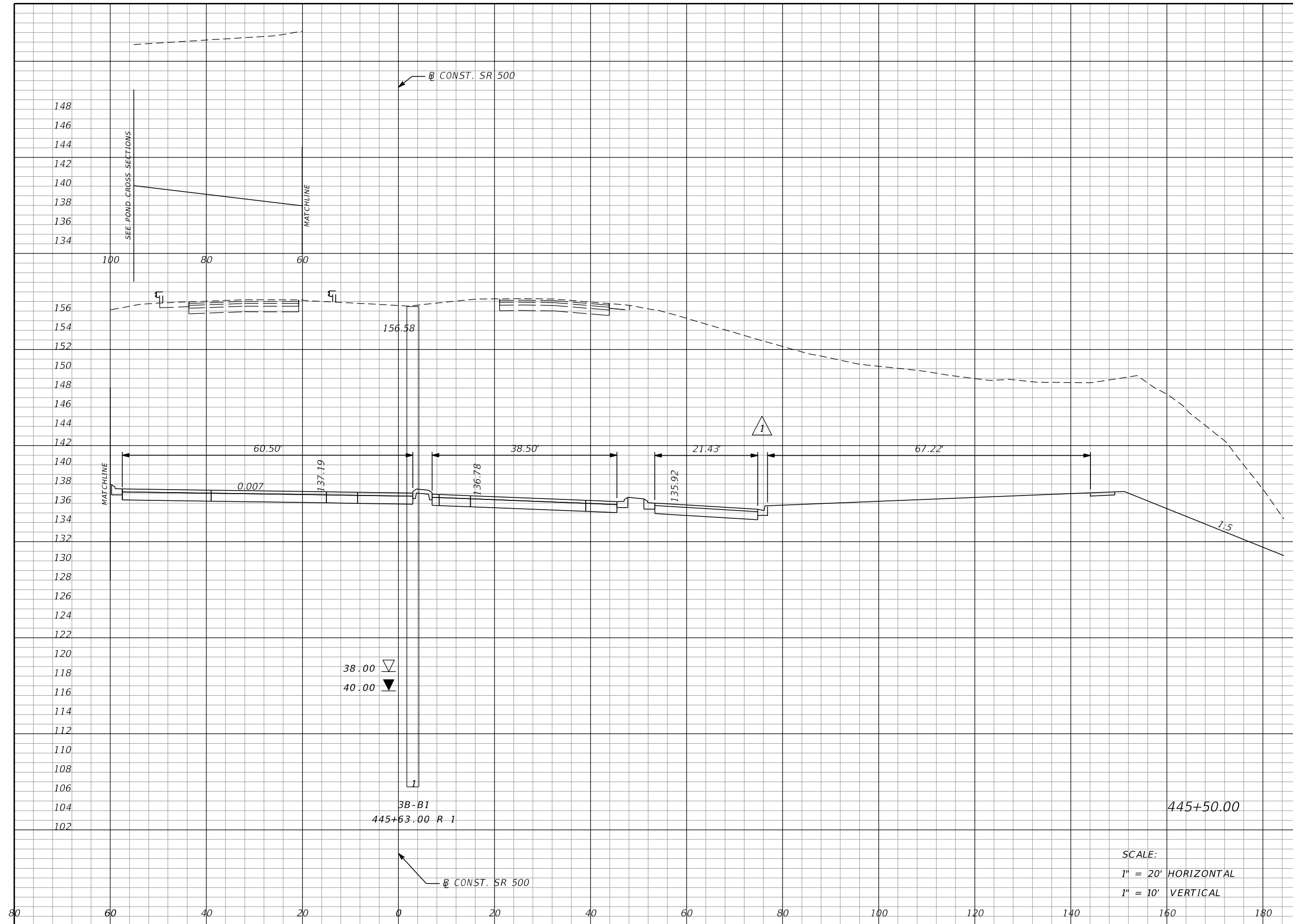


Regular		Exc.		Embankment	
A	V	A	V	A	V
4746		8896		0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO. 298
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
4746		8896		0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
05/17/17	JLC $\triangle 1$ REMOVED SOIL BORING		

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

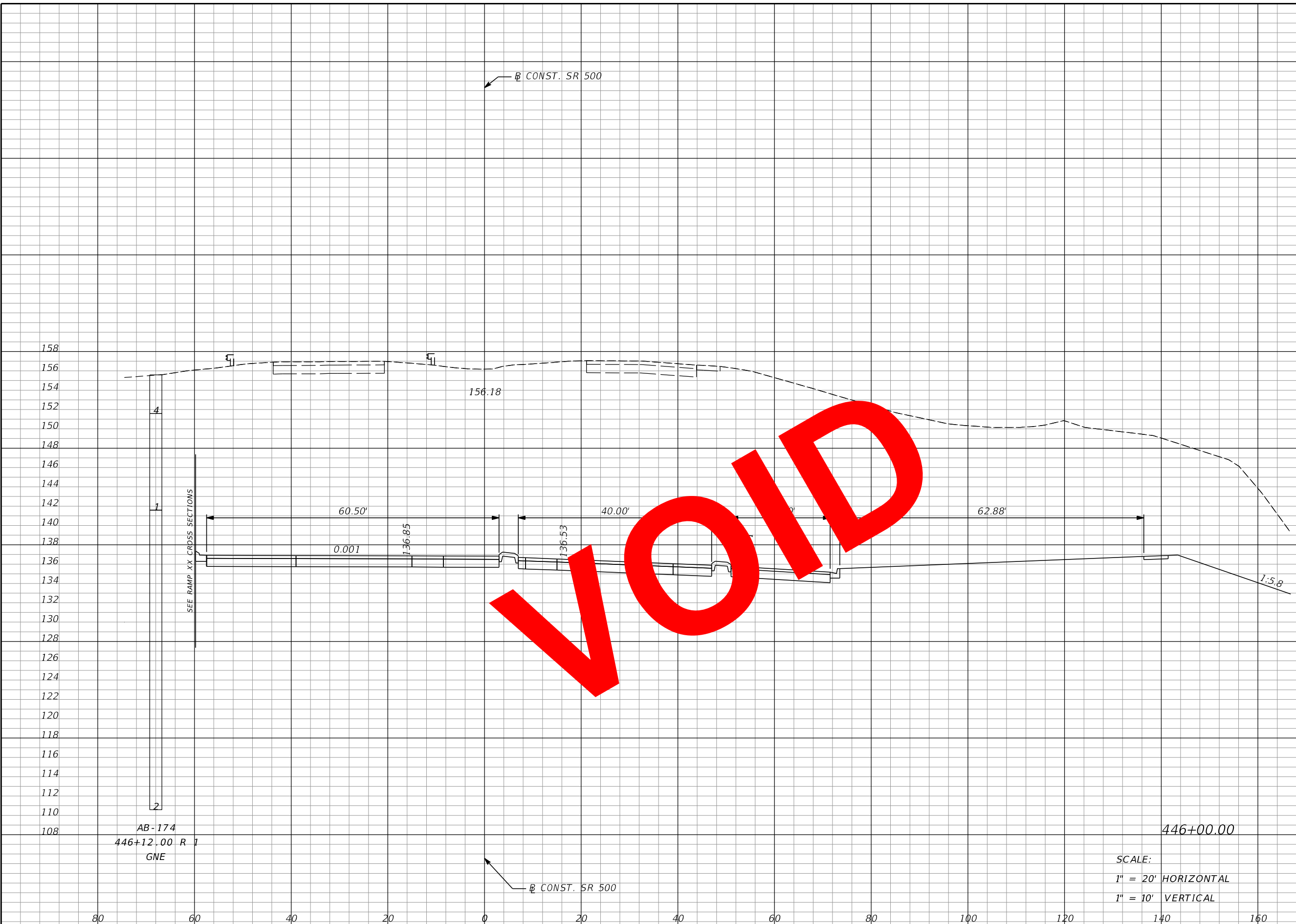
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
298

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
4096		8187		0	0

AB-174
446+12.00 R 1
GNE

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

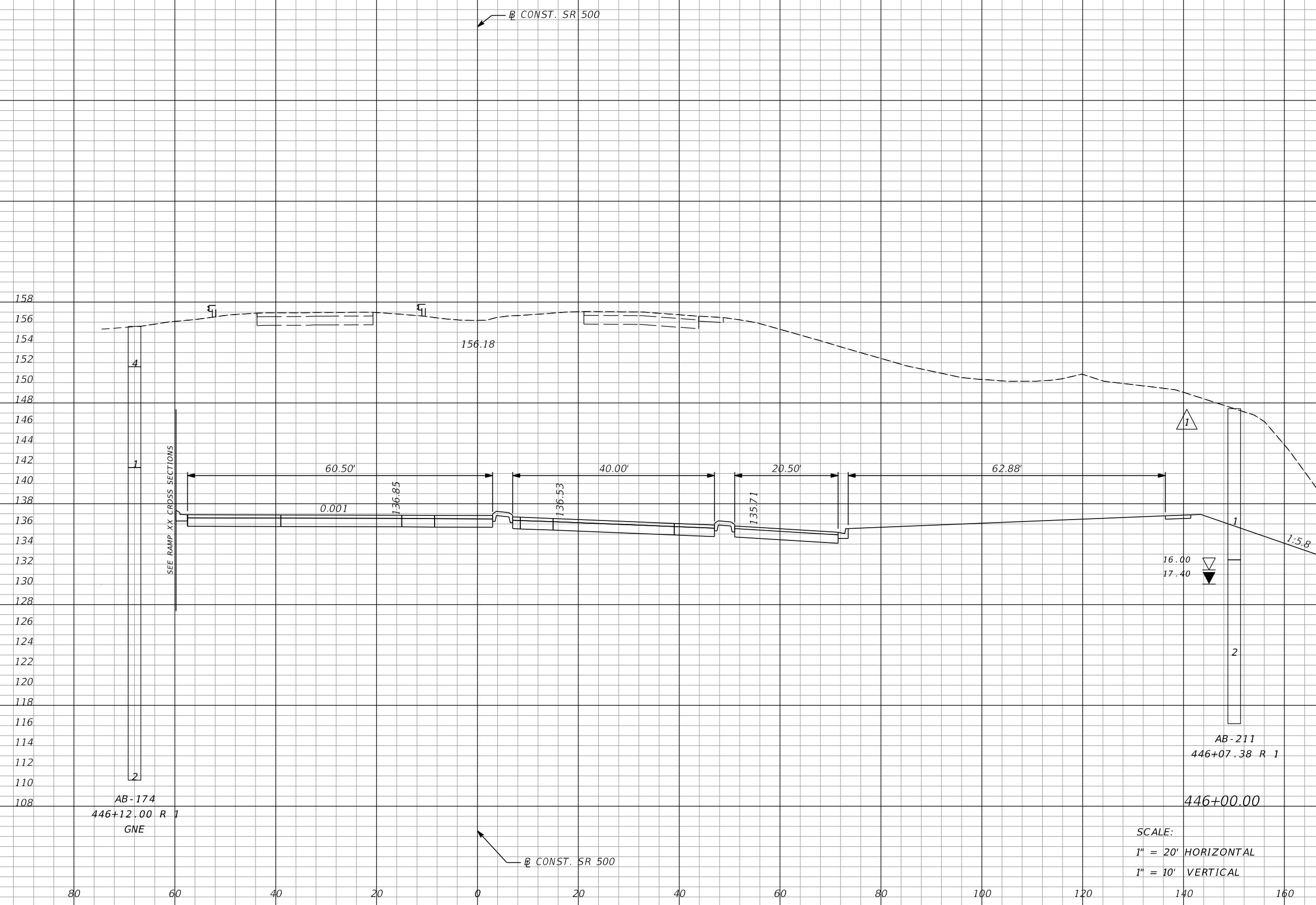
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
299

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
4096		8187		0	0



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
05/17/17	JLC $\triangle 1$ ADDED SOIL BORING		

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

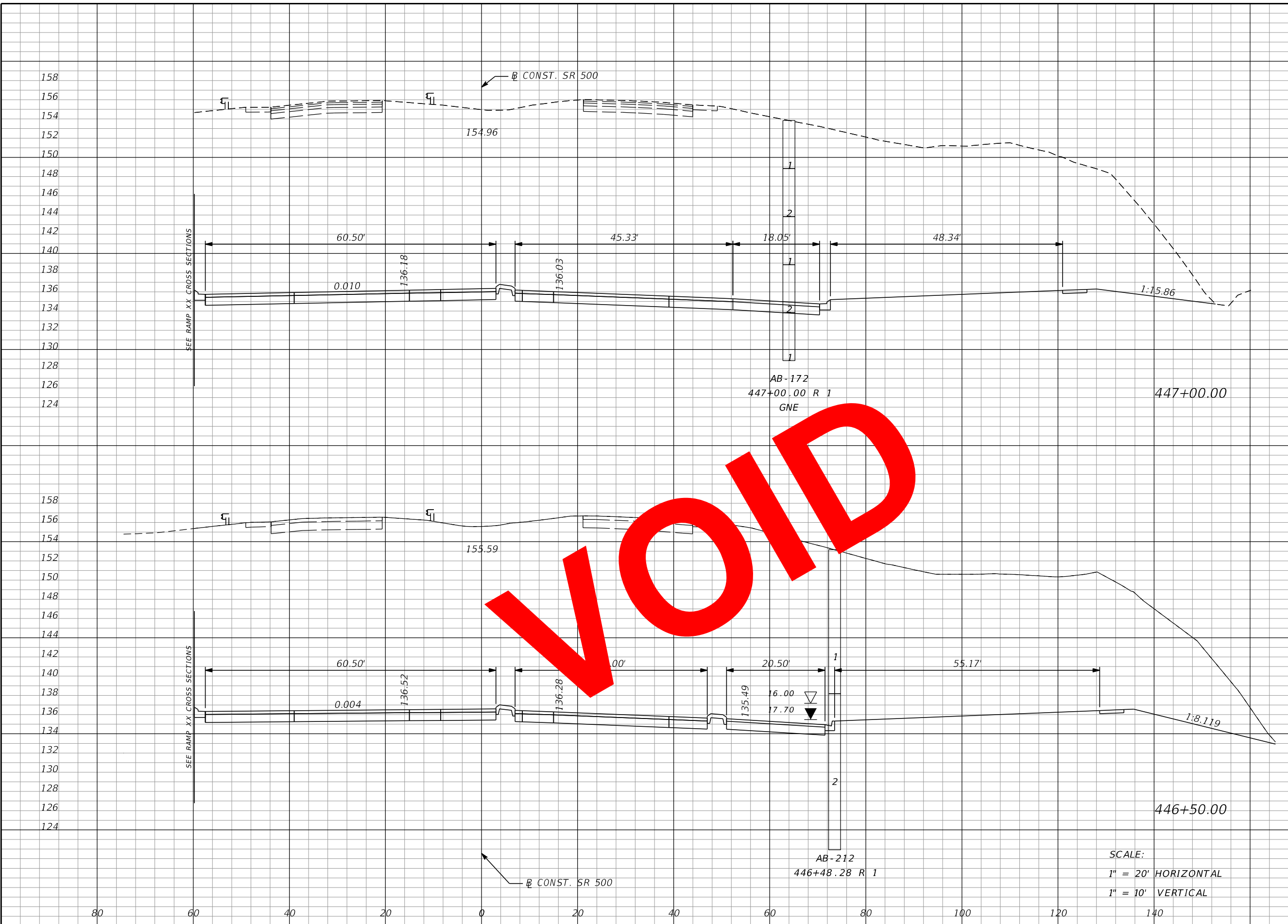
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
299

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
3755	7113	0	0	0	0
3927	7429	0	0	0	0

VOID

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

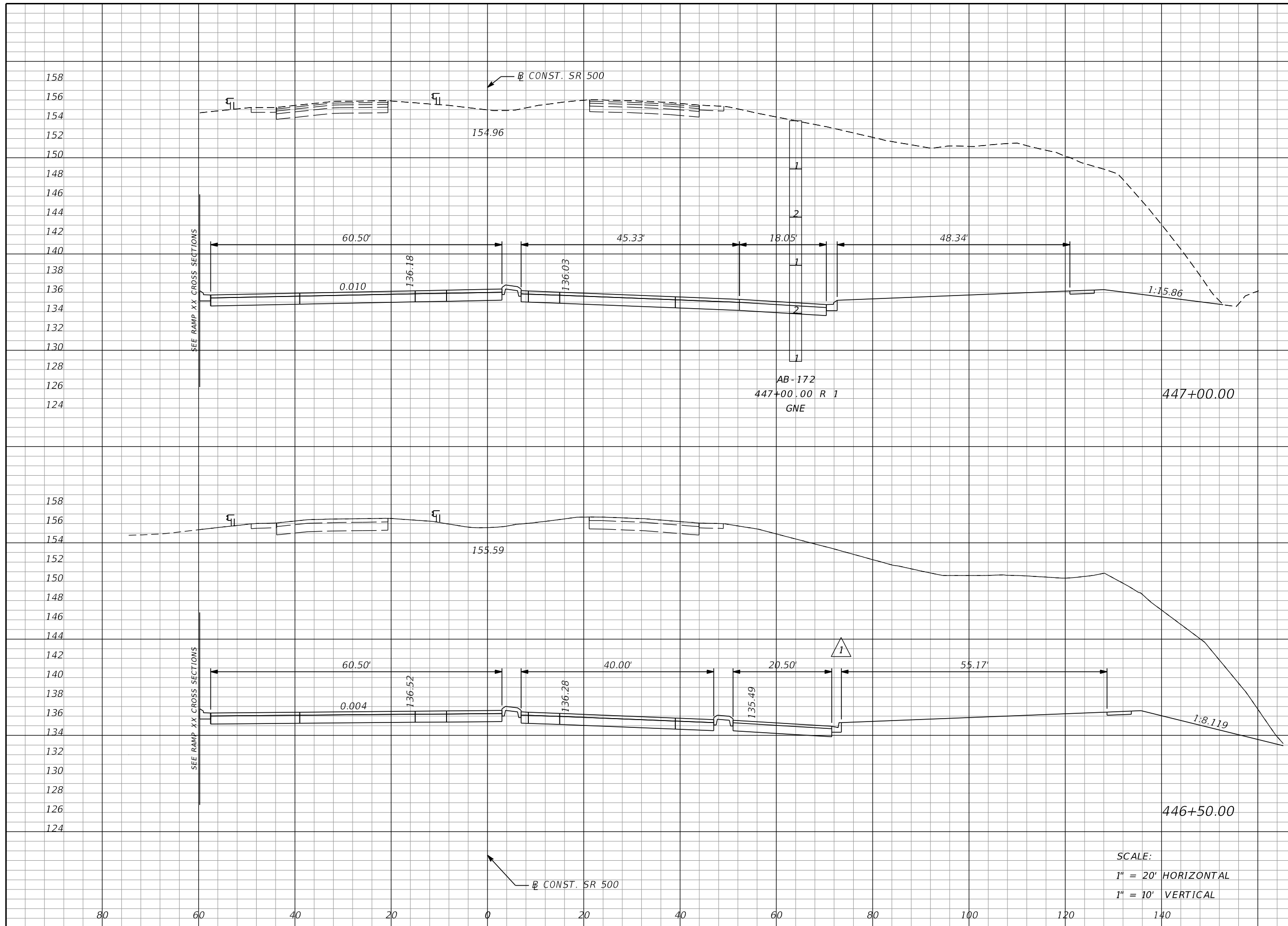
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS

SR 500

SHEET NO.
300

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
3755			7113	0	0
3927			7429	0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
05/17/17	JLC \triangle 1 REMOVED SOIL BORING		

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

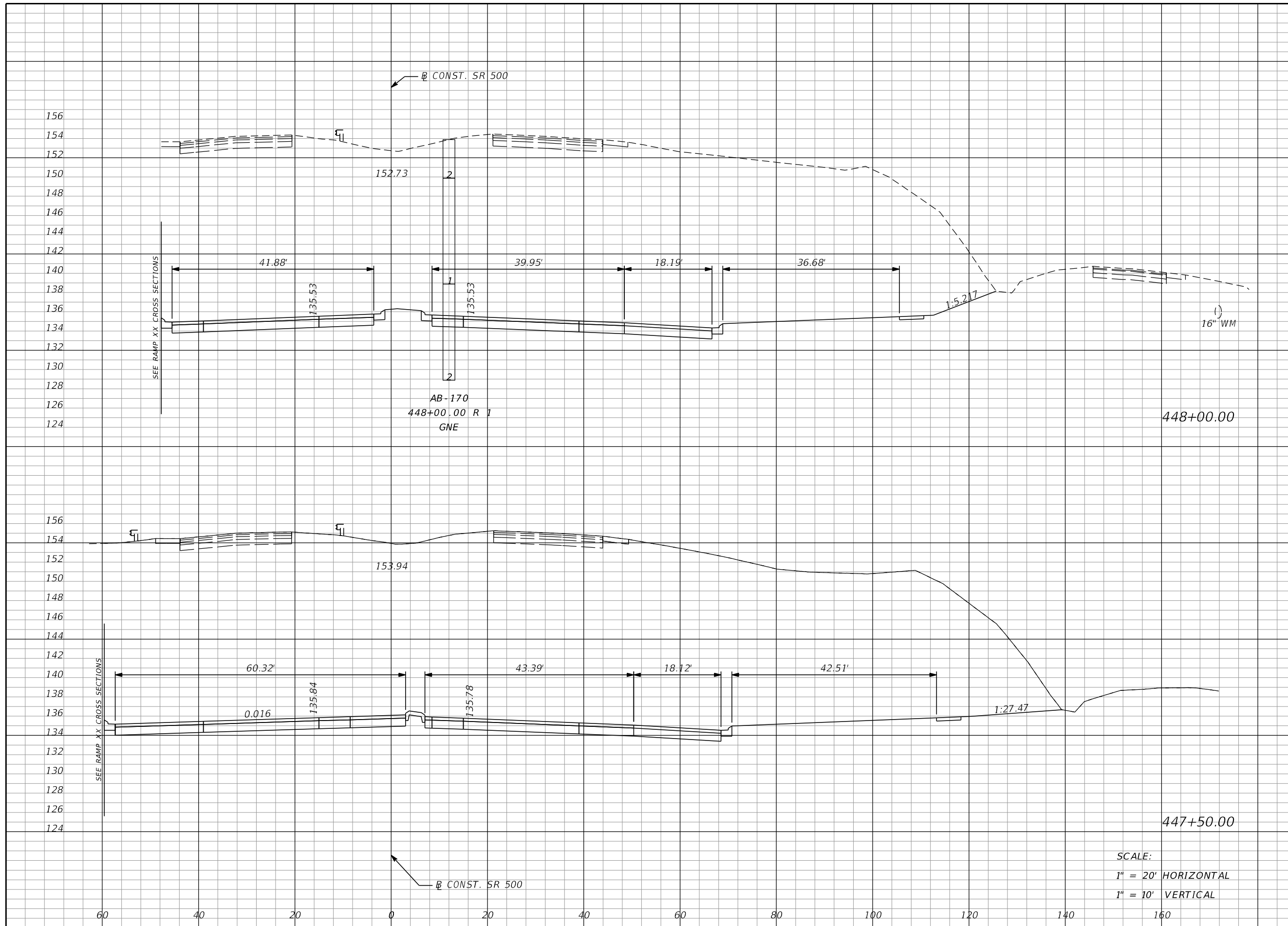
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 300

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
3026	6047	0	0	0	0
3505	6722	0	0	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

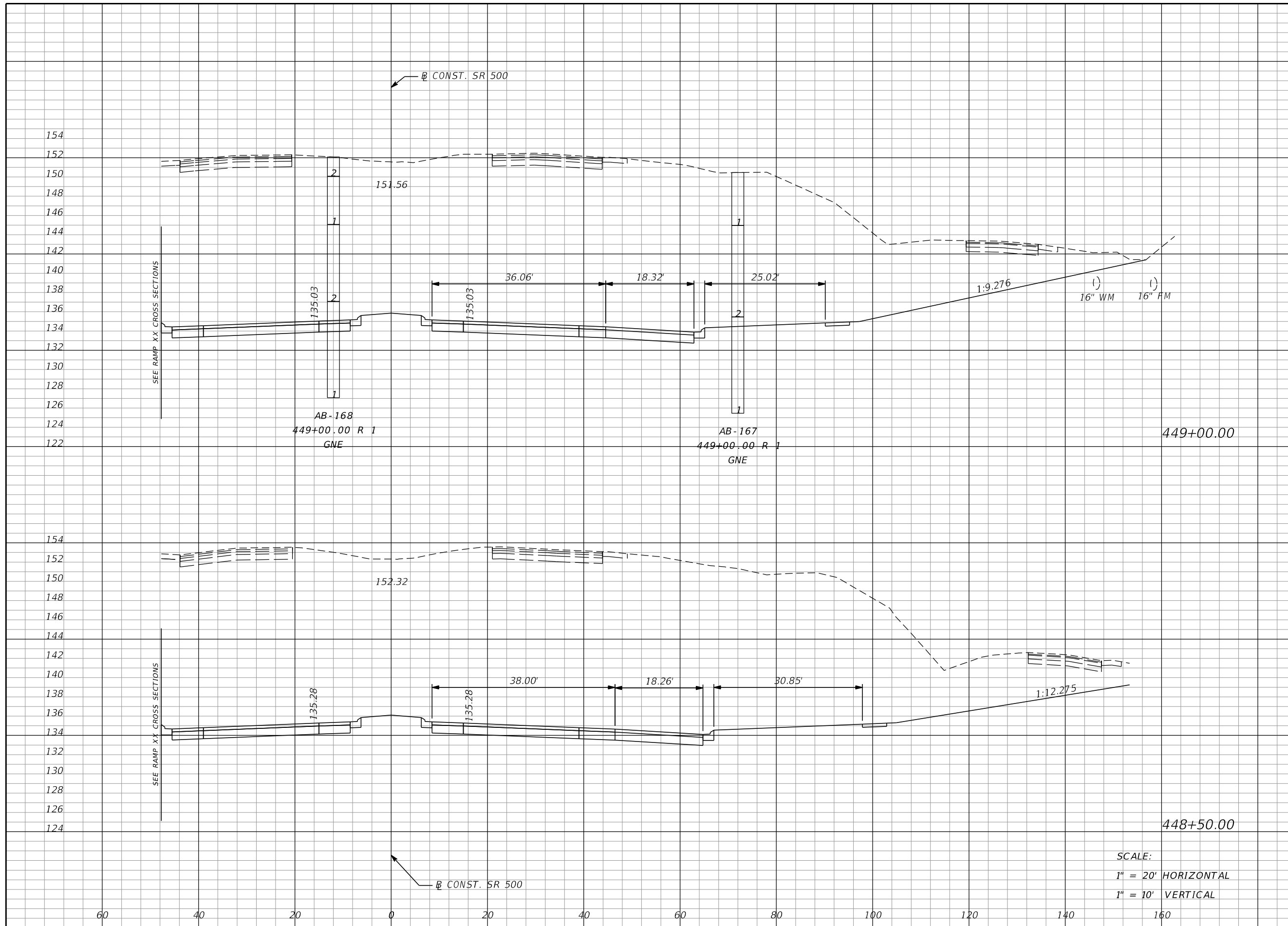
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
301

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
2802	5415	0	0	0	0
3046	5622	0	0	0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

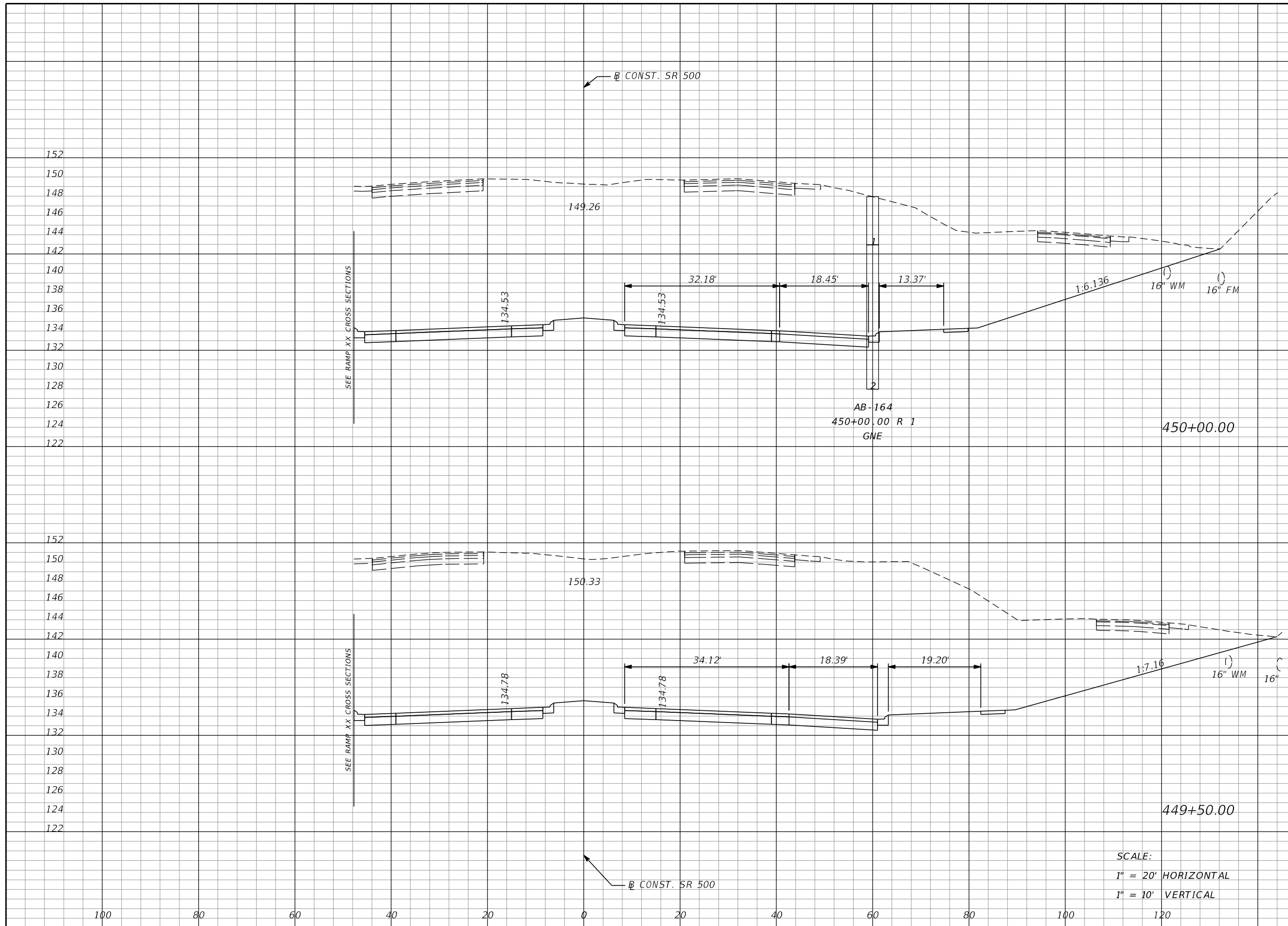
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
302

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
2262		4444		0	0
2538		4944		0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
303

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V

CONST. SR 500

152
150
148
146
144
142
140
138
136
134
132
130
128
126
124
122

SEE RAMP XX CROSS SECTIONS

147.47

134.28

134.28

1:4.85

16" WM

16" FM

450+50.00

1983

3931

0

0

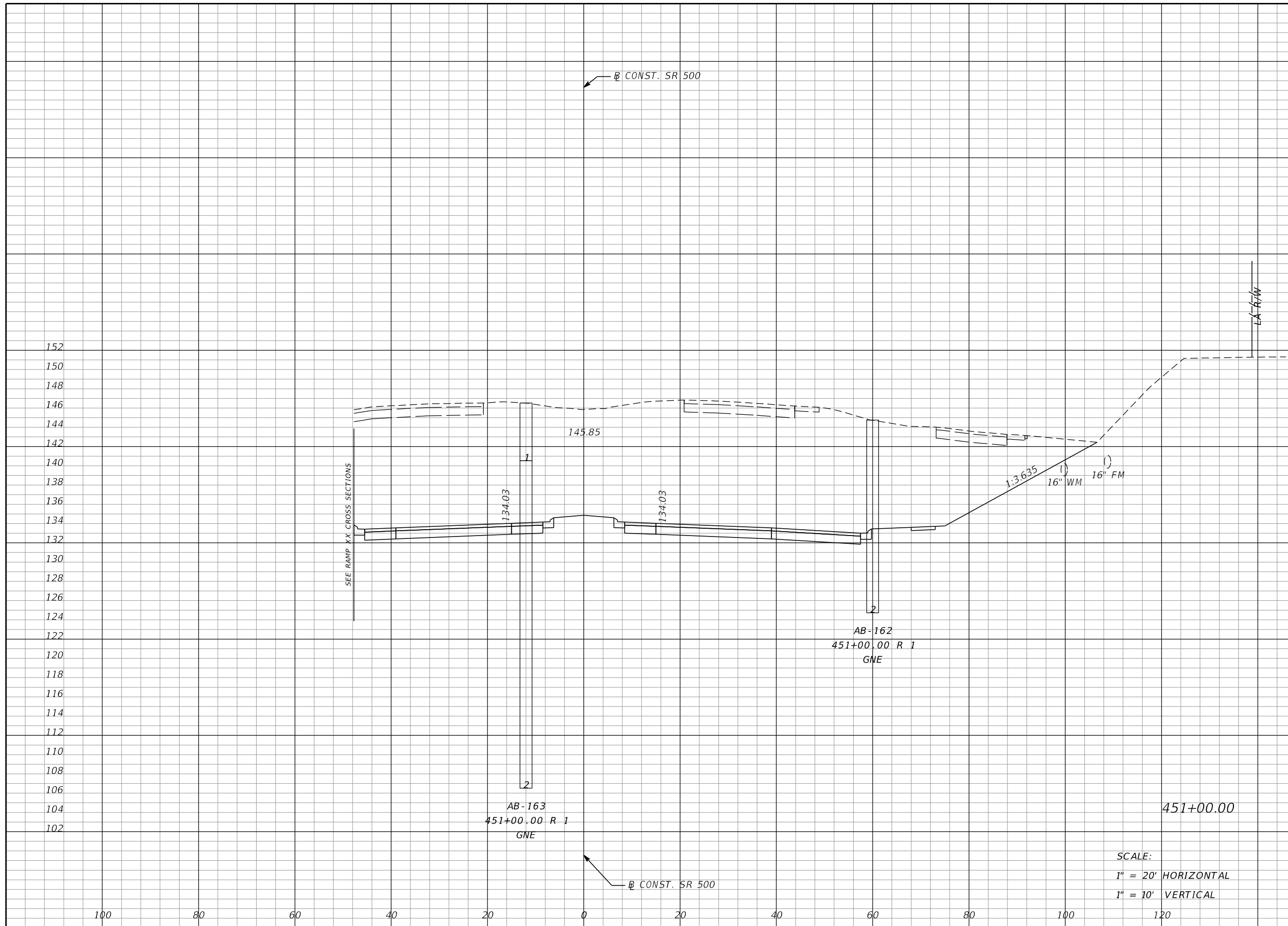
100 80 60 40 20 0 20 40 60 80 100 120

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

CONST. SR 500

<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> <th colspan="2"></th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					<p>MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877</p> <p>ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003</p>			<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>SR 46</td> <td>LAKE</td> <td>238275-2-52-01</td> </tr> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 46	LAKE	238275-2-52-01	<p>CROSS SECTIONS SR 500</p>		<p>SHEET NO. 304</p>
REVISIONS																														
DATE	DESCRIPTION	DATE	DESCRIPTION																											
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																												
SR 46	LAKE	238275-2-52-01																												

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
1769		3474		0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

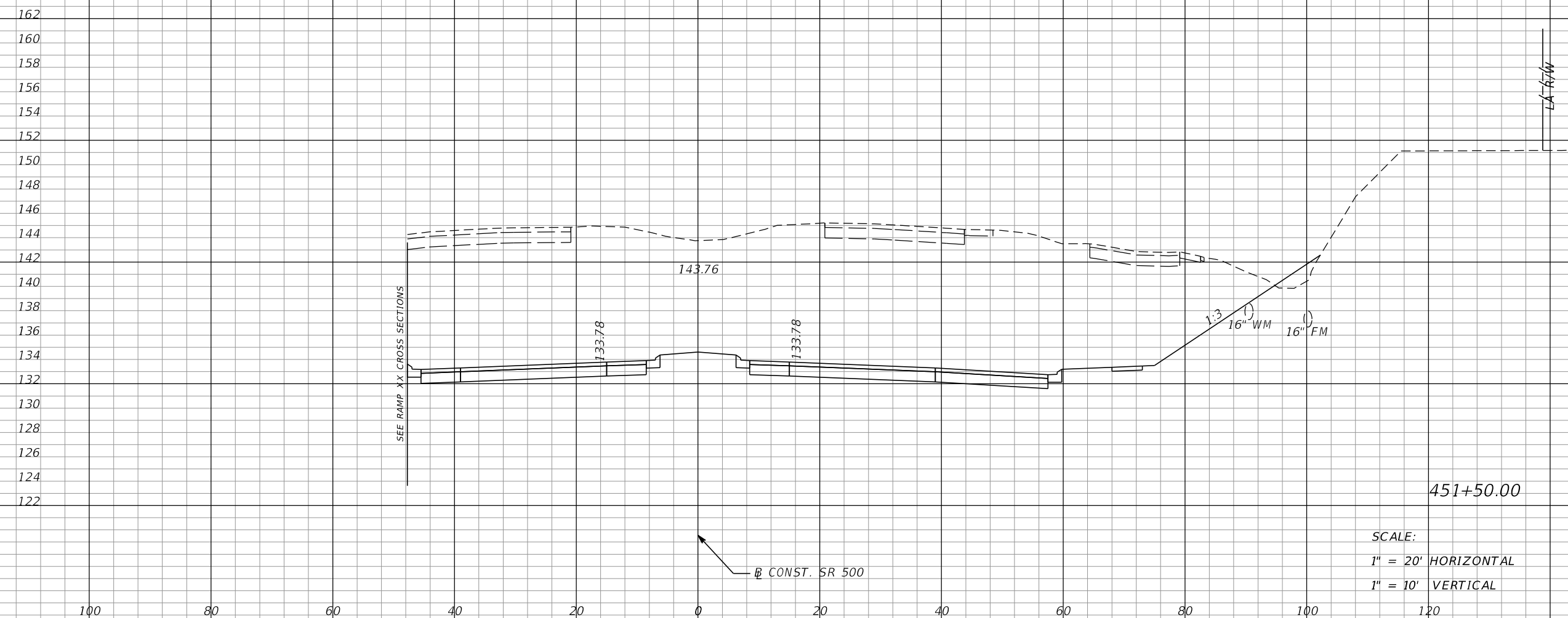
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
305

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular Exc.		Embankment	
A	V	A	V



1549	3072	7	6
------	------	---	---

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

<table border="1"> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>				REVISIONS		DATE	DESCRIPTION			MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		CROSS SECTIONS SR 500	SHEET NO. 306
REVISIONS															
DATE	DESCRIPTION														
ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003		ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01											

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular Exc. Embankment

A V A V

1418	2747	0	6
------	------	---	---

162
160
158
156
154
152
150
148
146
144
142
140
138
136
134
132
130
128
126
124
122

SEE RAMP XX CROSS SECTIONS

CONST. SR 500

CONST. SR 500

100 80 60 40 20 0 20 40 60 80 100 120

16" WM 16" FM

AB-160
452+00.00 R 1
GNE
SCALE: 452+00.00
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

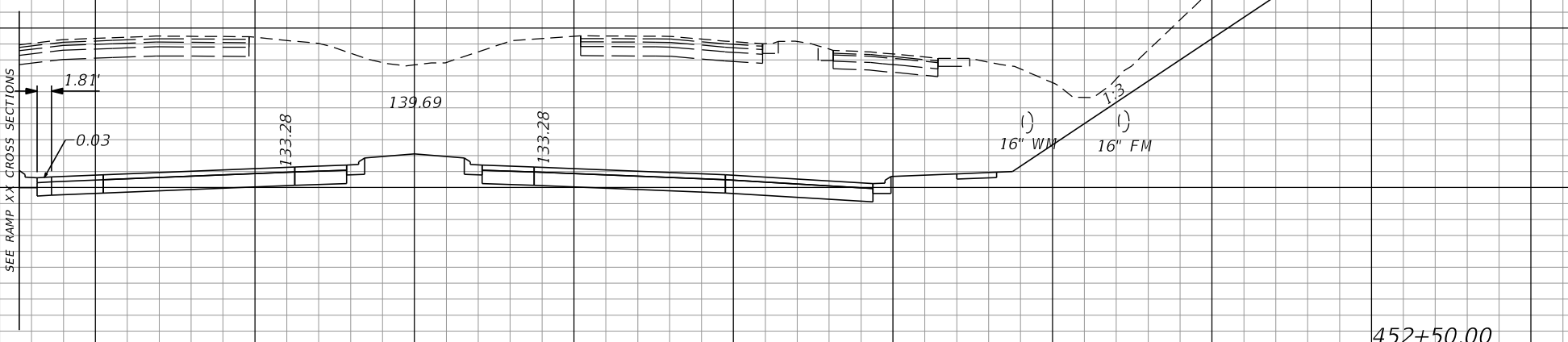
SHEET NO.
307

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
1240		2461		0	0

162
160
158
156
154
152
150
148
146
144
142
140
138
136
134
132
130
128
126
124
122

SEE RAMP XX CROSS SECTIONS



100 80 60 40 20 0 20 40 60 80 100 120

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

CONST. SR 500

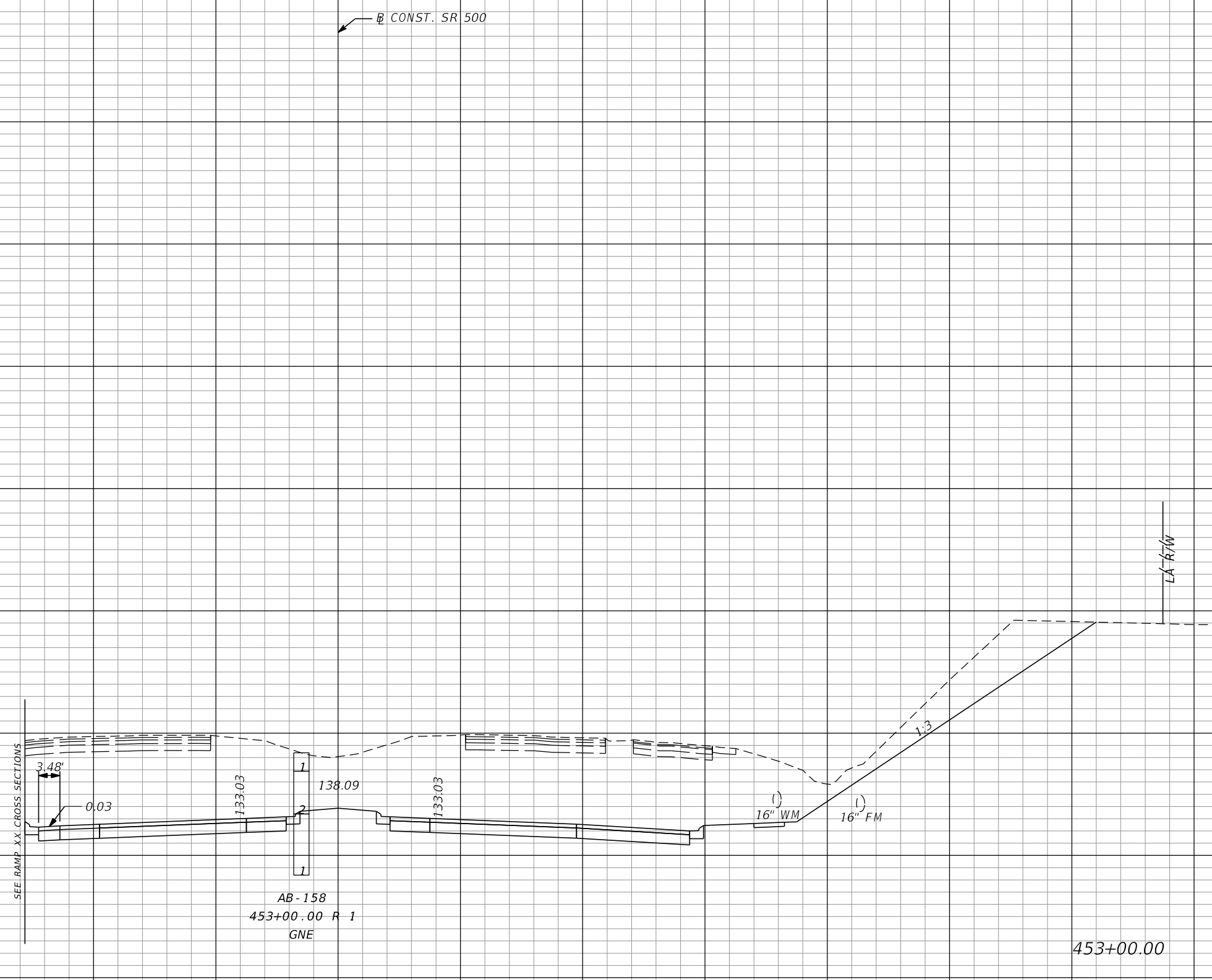
CONST. SR 500

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO. 308
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
		1057	2127	0	0

160
158
156
154
152
150
148
146
144
142
140
138
136
134
132
130
128
126
124
122
120



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

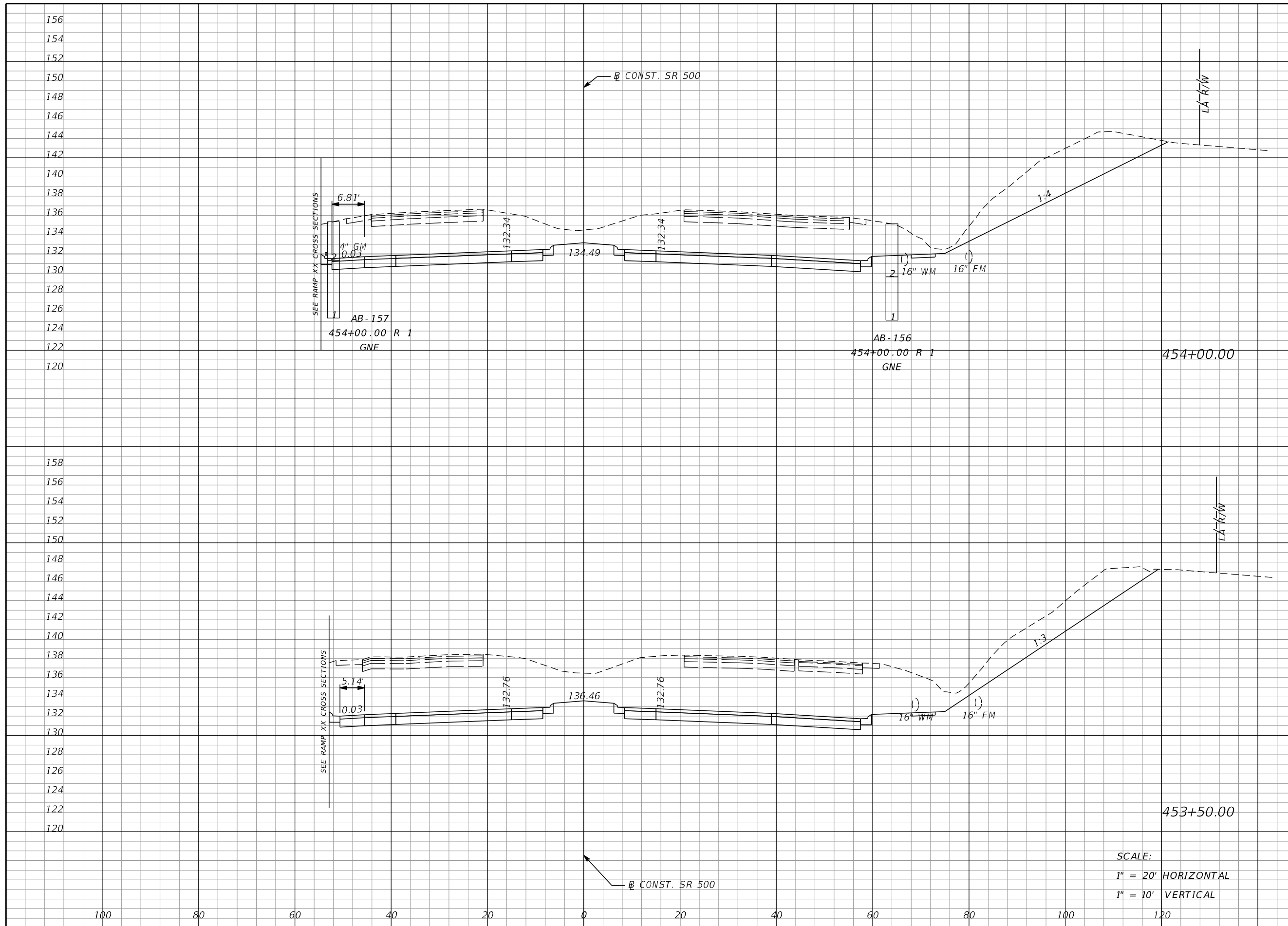
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
309

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
733	1500	0	0	0	0
887	1800	0	0	0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

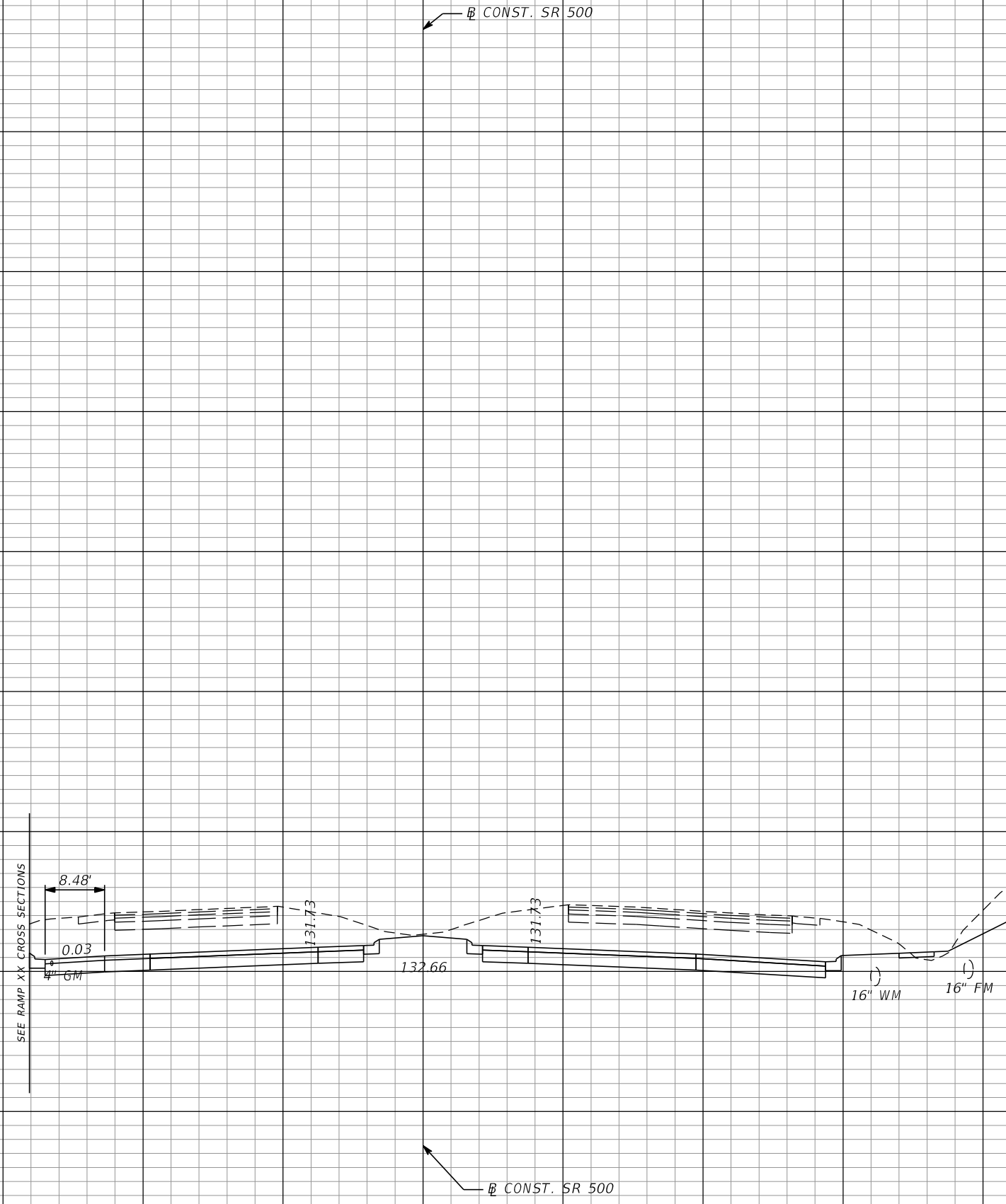
CROSS SECTIONS
SR 500

SHEET NO.
310

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V

150
148
146
144
142
140
138
136
134
132
130
128
126
124
122
120



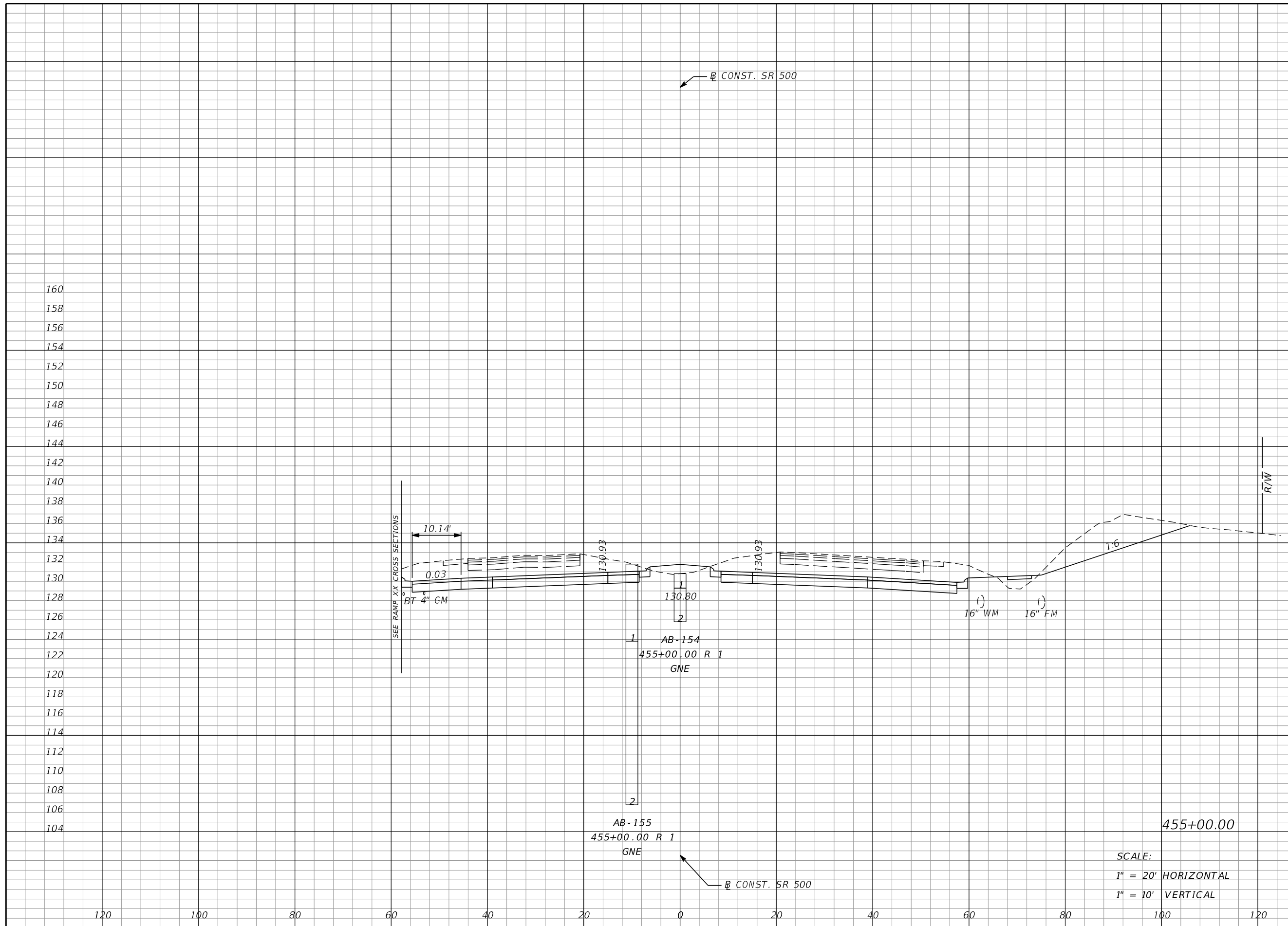
510		1	
	1151		1

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

120 100 80 60 40 20 0 20 40 60 80 100 120

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500		SHEET NO.
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01			311

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
379		823		14	14

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

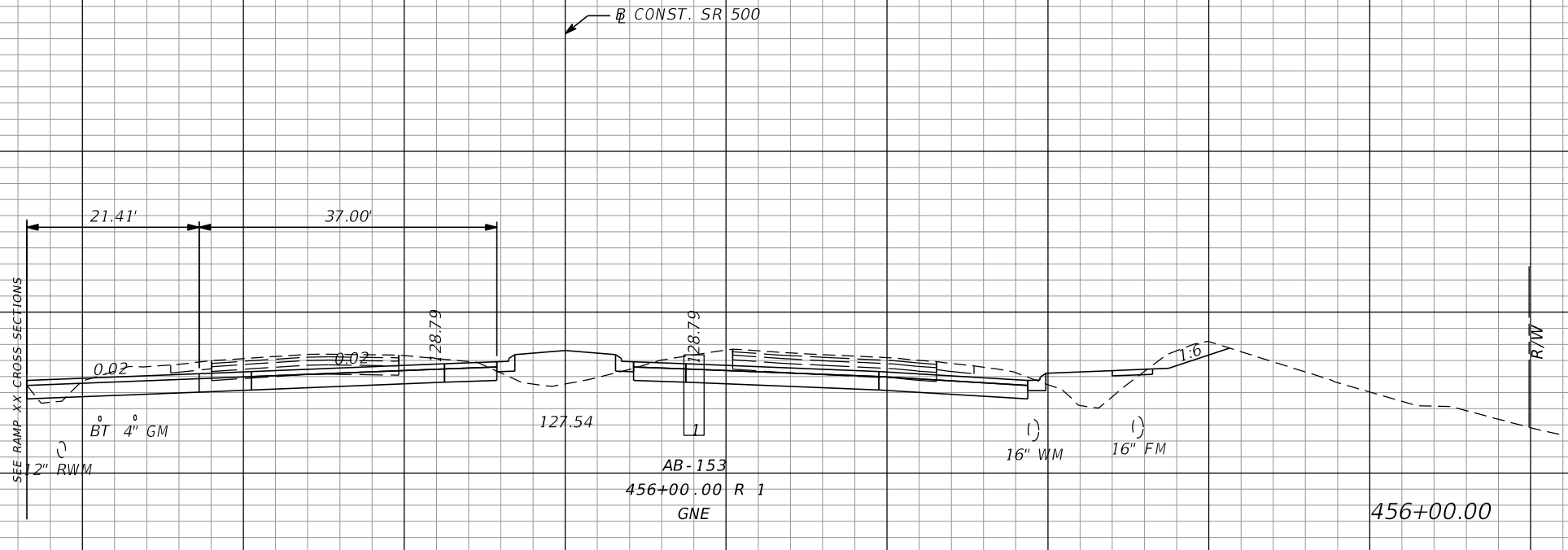
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO. 312

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

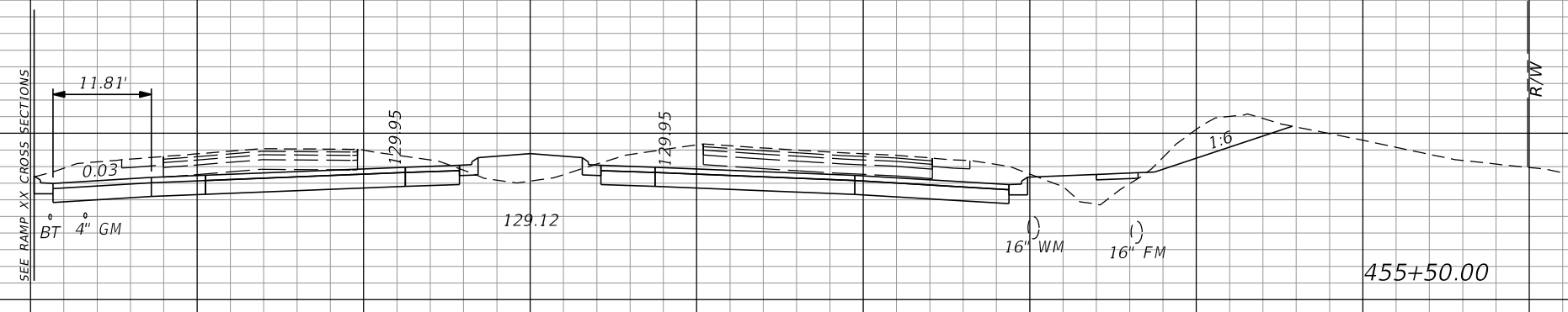
154
152
150
148
146
144
142
140
138
136
134
132
130
128
126
124
122
120
118



456+00.00

Regular		Exc.		Embankment	
A	V	A	V	A	V
191		414		40	63

158
156
154
152
150
148
146
144
142
140
138
136
134
132
130
128
126
124
122



455+50.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

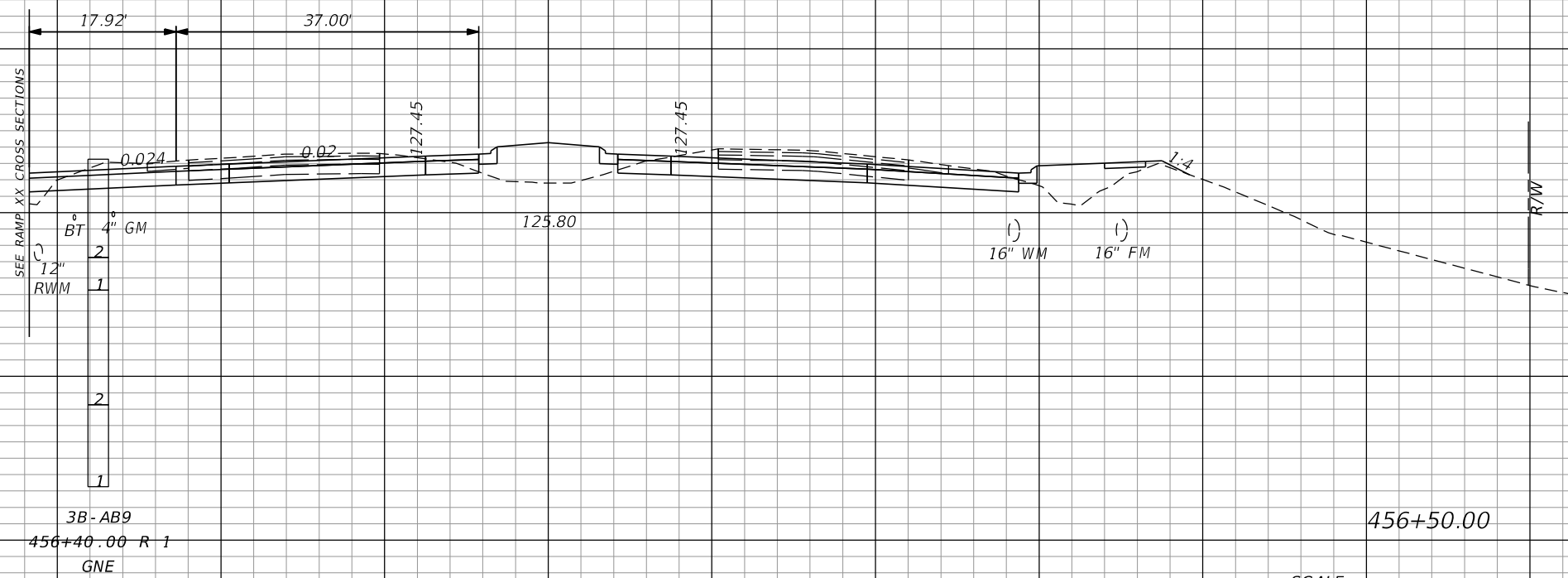
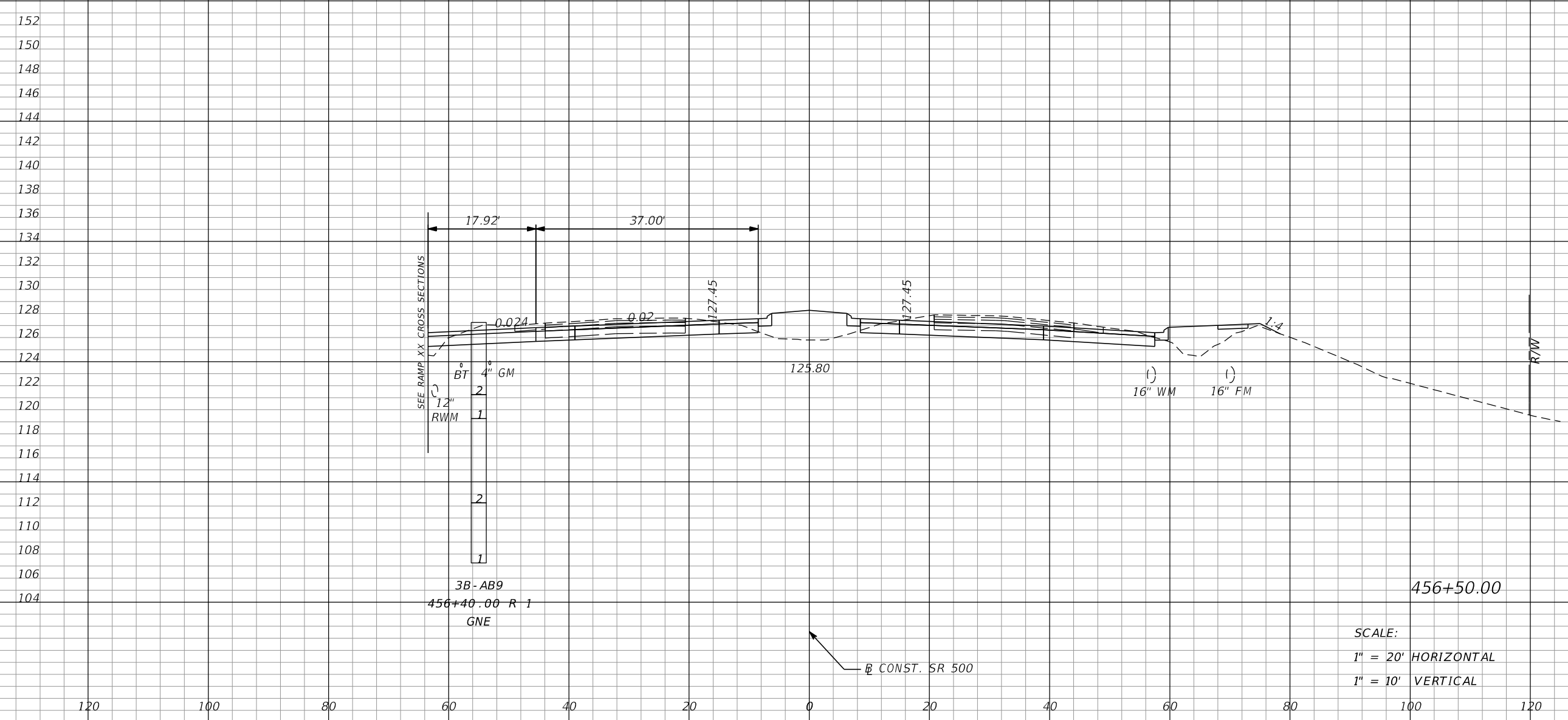
256		588		28	39
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120 100 80 60 40 20 0 20 40 60 80 100 120

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS SR 500	SHEET NO. 313
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular Exc. Embankment
A V A V



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

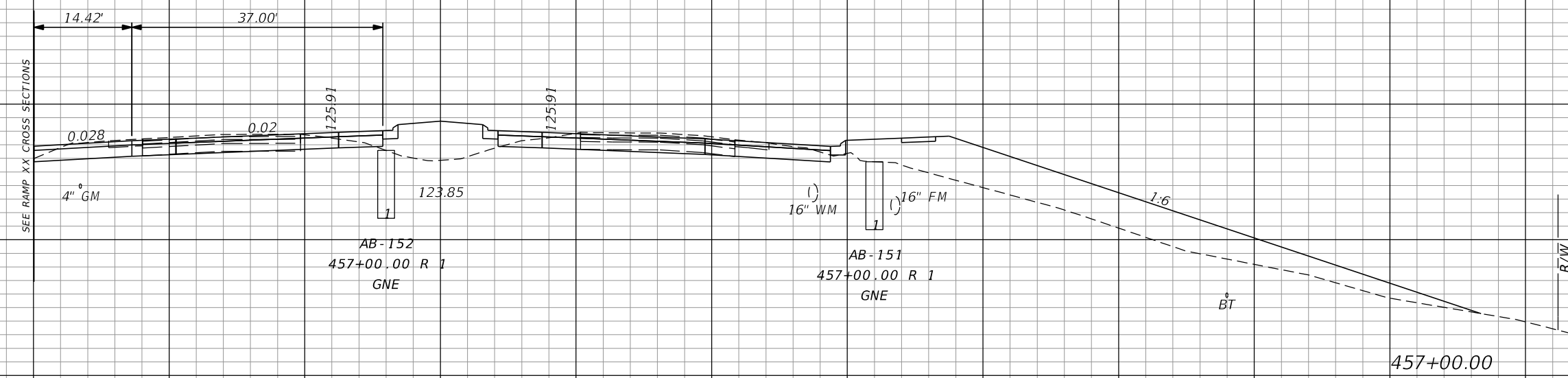
CROSS SECTIONS
SR 500

SHEET NO.
314

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular Exc. Embankment
A V A V

148
146
144
142
140
138
136
134
132
130
128
126
124
122
120
118
116
114
112
110
108



106
227
220
253

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

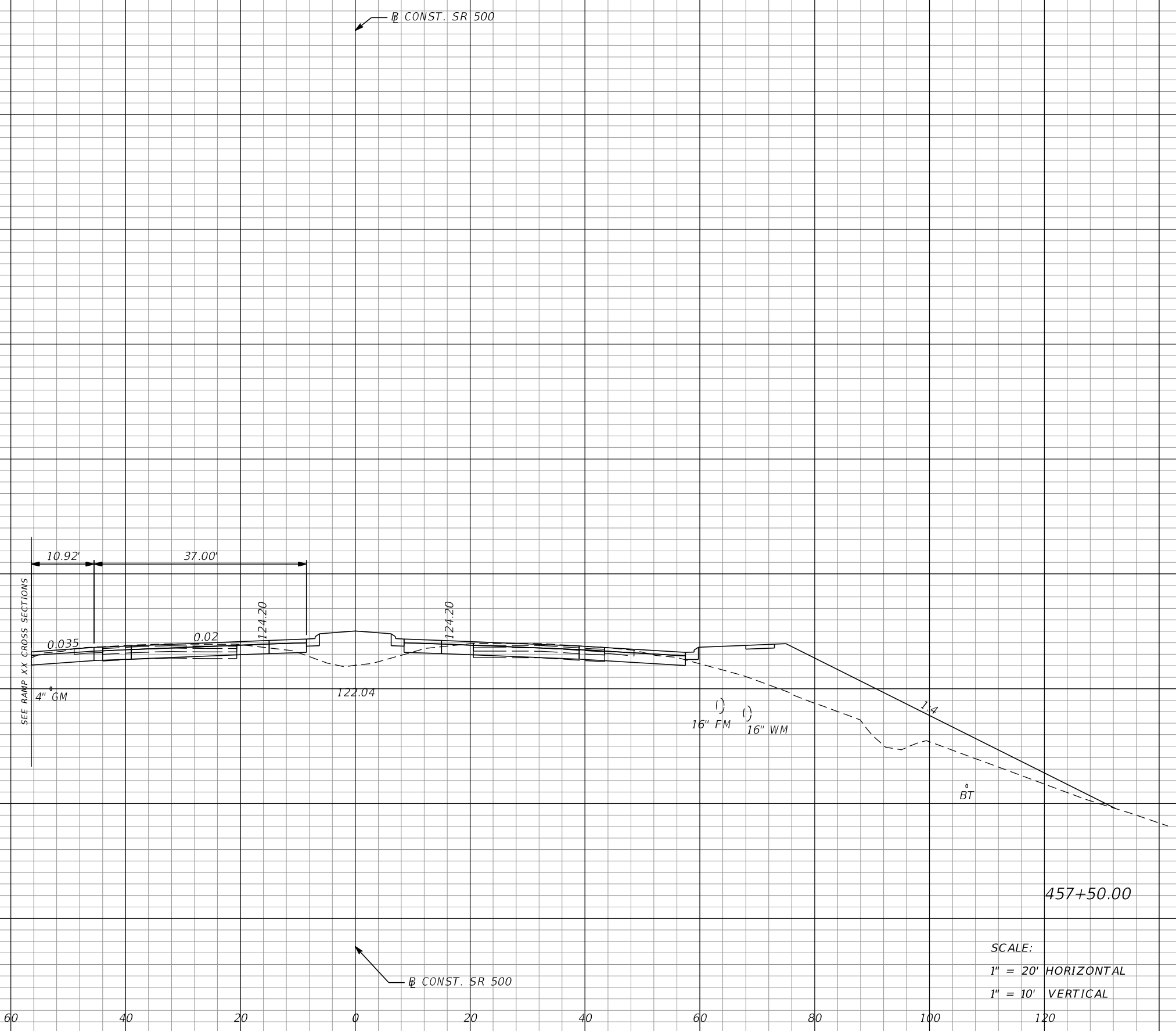
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 315
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	

CROSS SECTIONS
SR 500

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
89		181		212	400

144
142
140
138
136
134
132
130
128
126
124
122
120
118
116
114
112
110
108
106
104
102
100



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
316

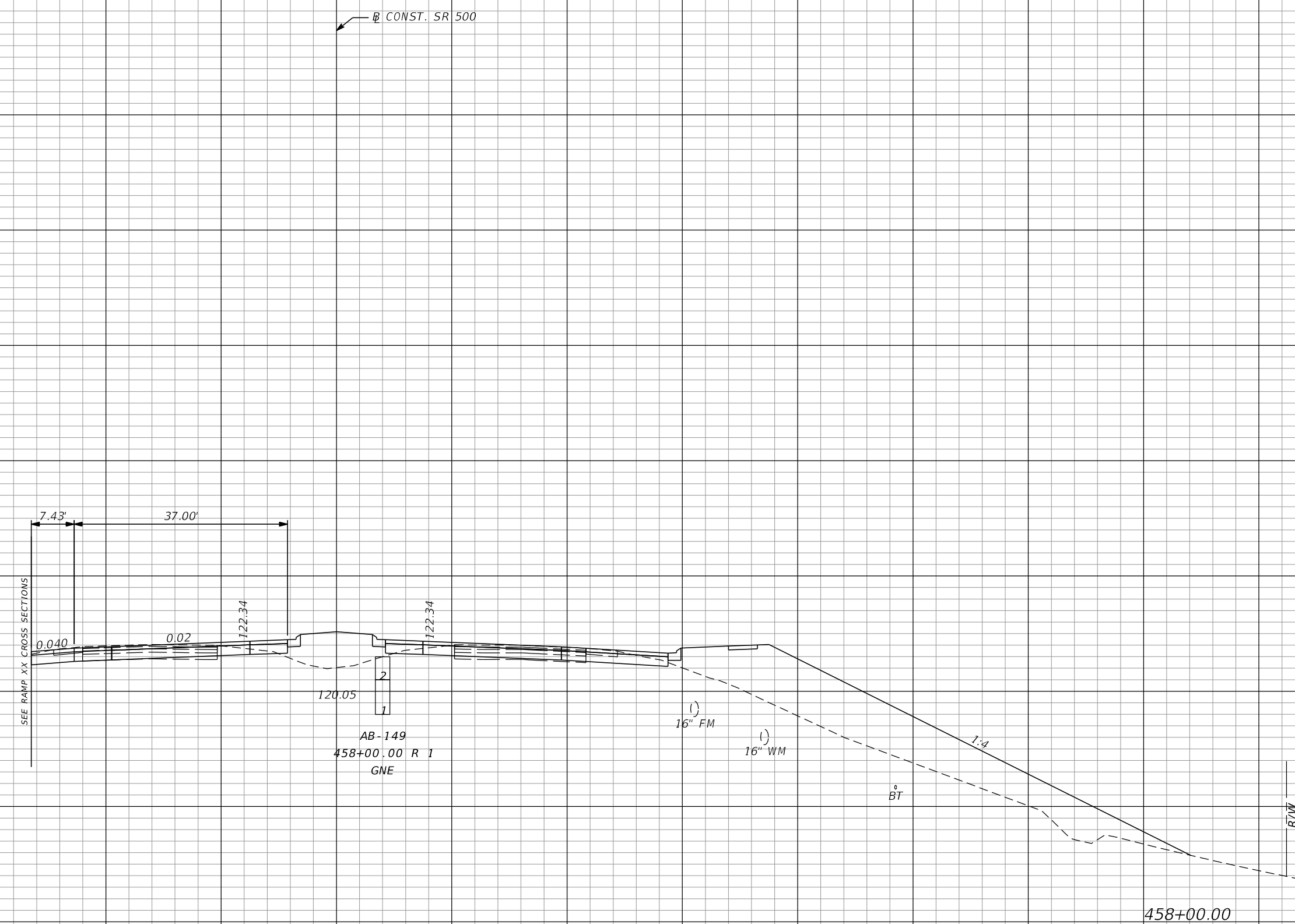
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular Exc. Embankment

A V A V

140
138
136
134
132
130
128
126
124
122
120
118
116
114
112
110
108
106
104
102
100
98

80 60 40 20 0 20 40 60 80 100 120 140



85 161 329 501

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

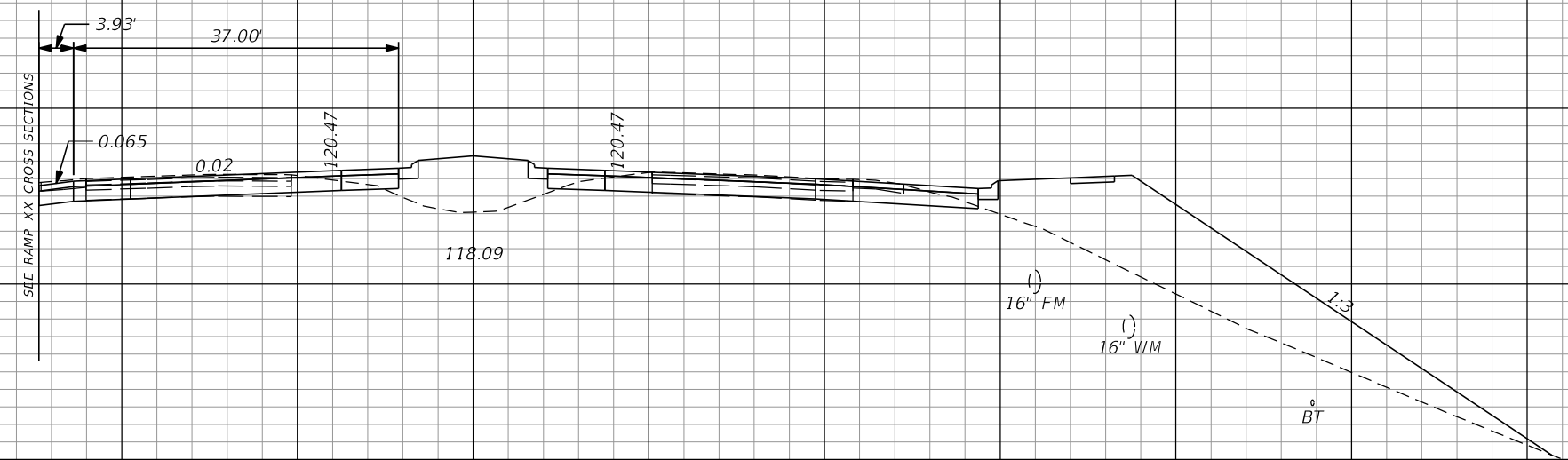
SHEET NO.
317

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V

CONST. SR 500

134
132
130
128
126
124
122
120
118
116
114
112
110
108
106
104
102
100
98
96
94



88	160	237	524
----	-----	-----	-----

458+50.00

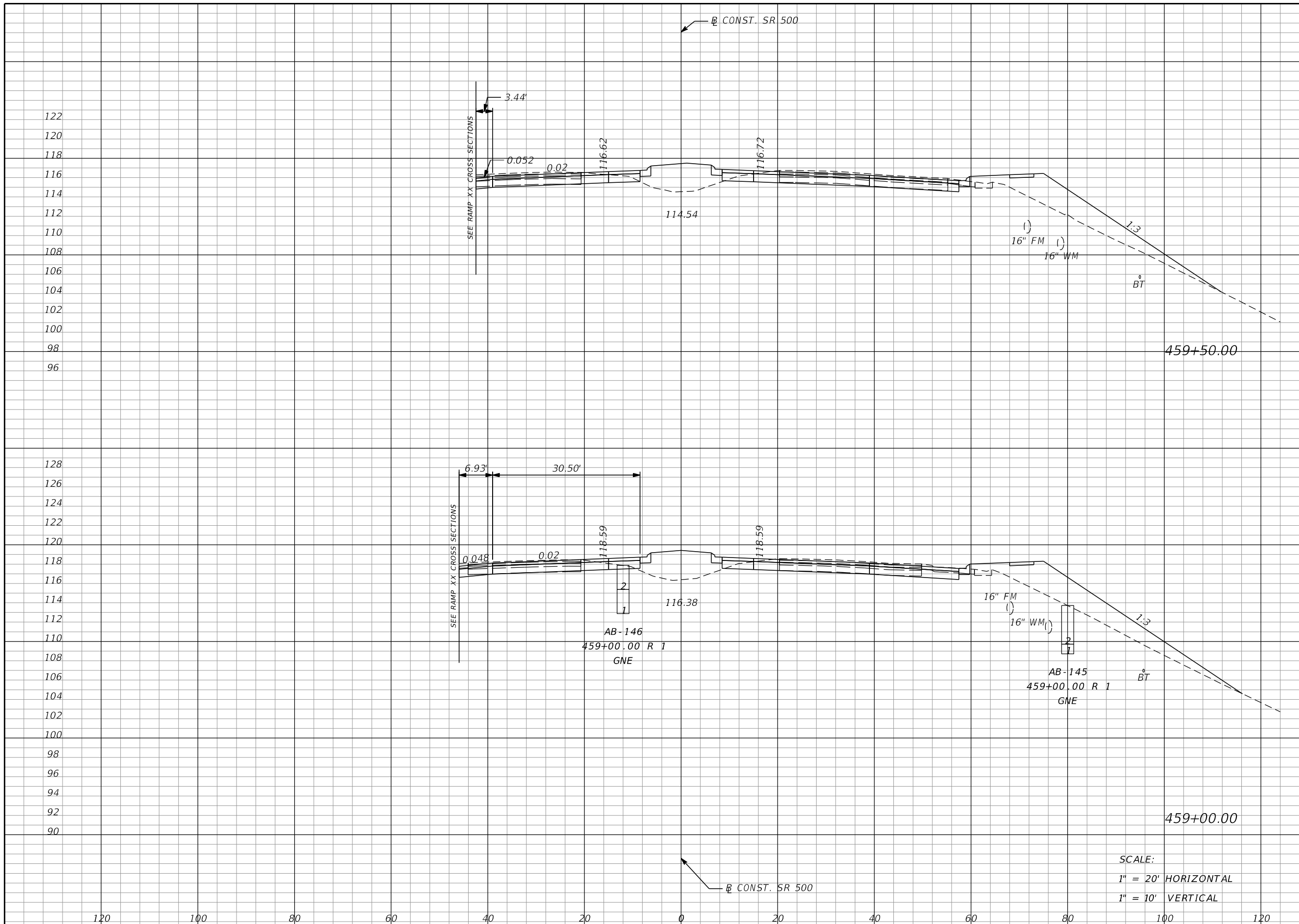
SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

CONST. SR 500

120 100 80 60 40 20 0 20 40 60 80 100 120

<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p>MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877</p>			<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>			<p>CROSS SECTIONS SR 500</p>	<p>SHEET NO. 318</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																
<p>ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003</p>				<p>ROAD NO. SR 46</p>	<p>COUNTY LAKE</p>	<p>FINANCIAL PROJECT ID 238275-2-52-01</p>													

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
98	180	115	228		
96	170	131	341		

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

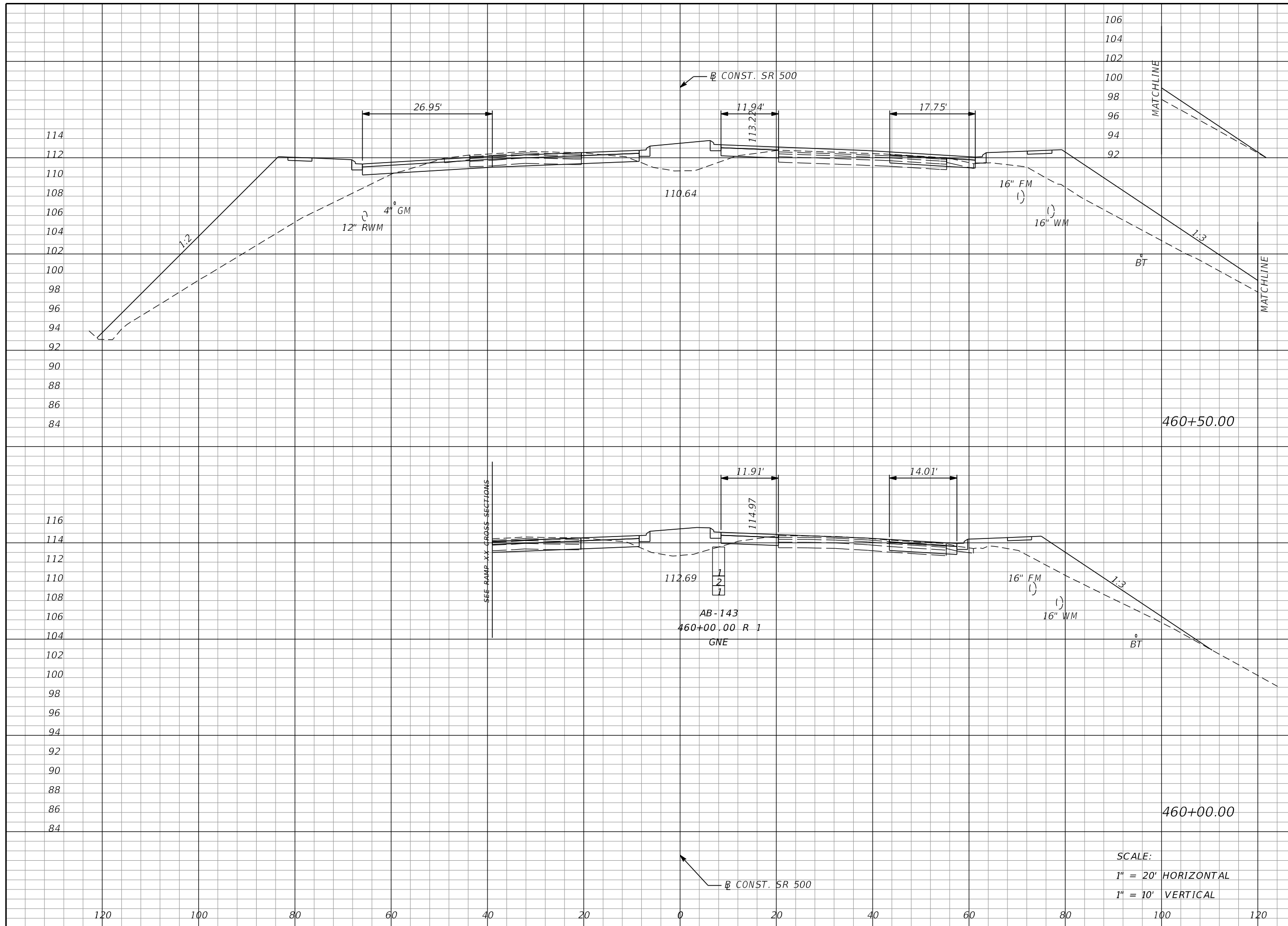
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

CROSS SECTIONS
SR 500

SHEET NO.
319

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
71	116	435	497		
54	141	102	201		

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

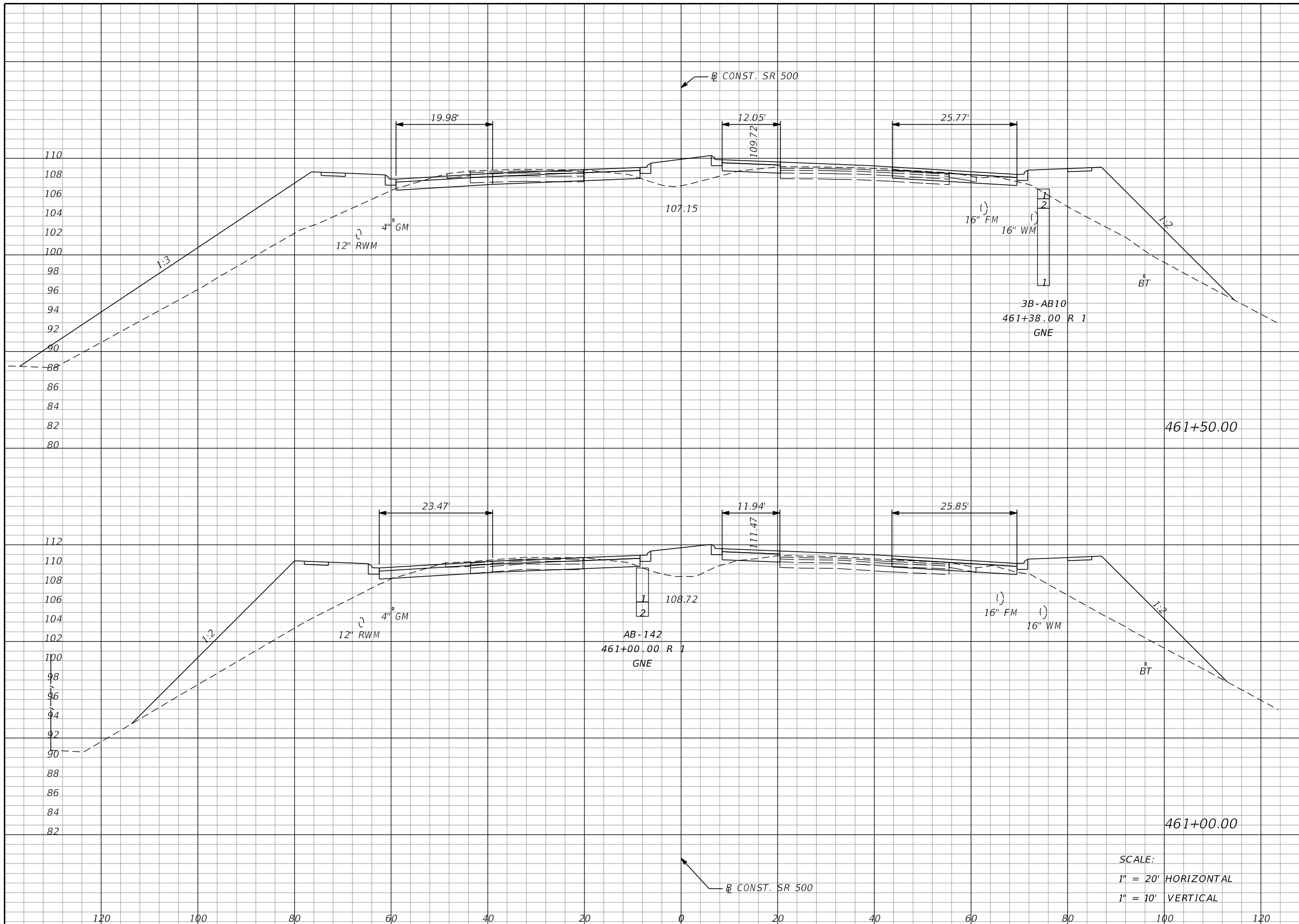
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS SR 500		SHEET NO.
		320

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
79	139	459	765		
				71	131
				367	743

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

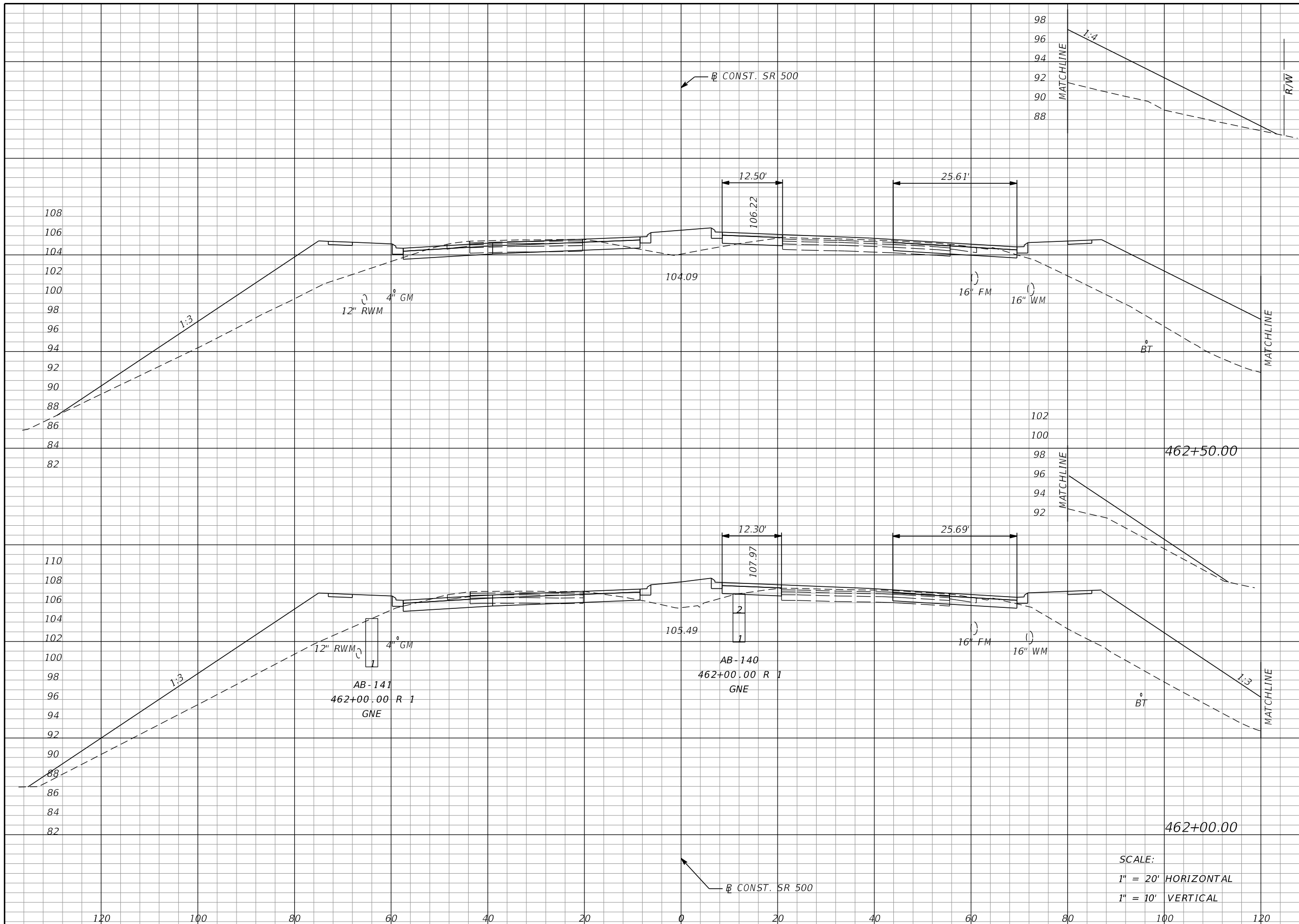
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
321

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
77	148	580	1010		
83	150	511	898		

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

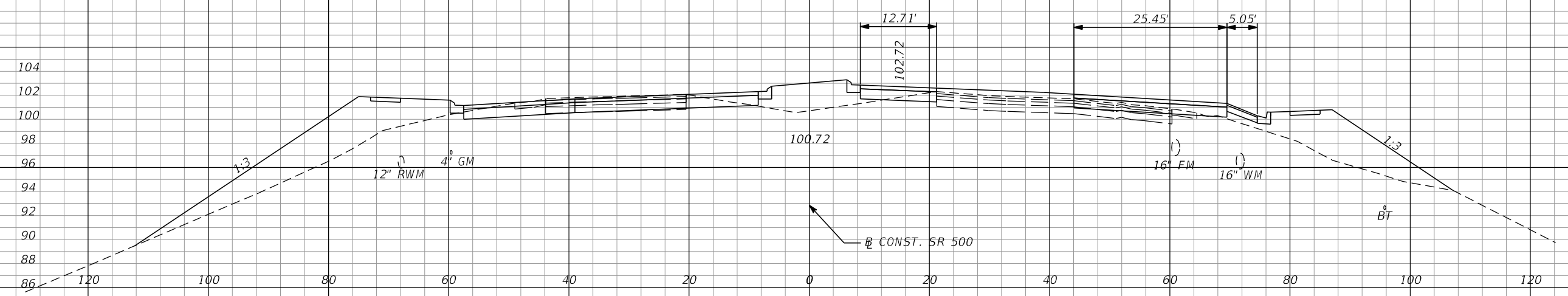
CROSS SECTIONS
SR 500

SHEET NO.
322

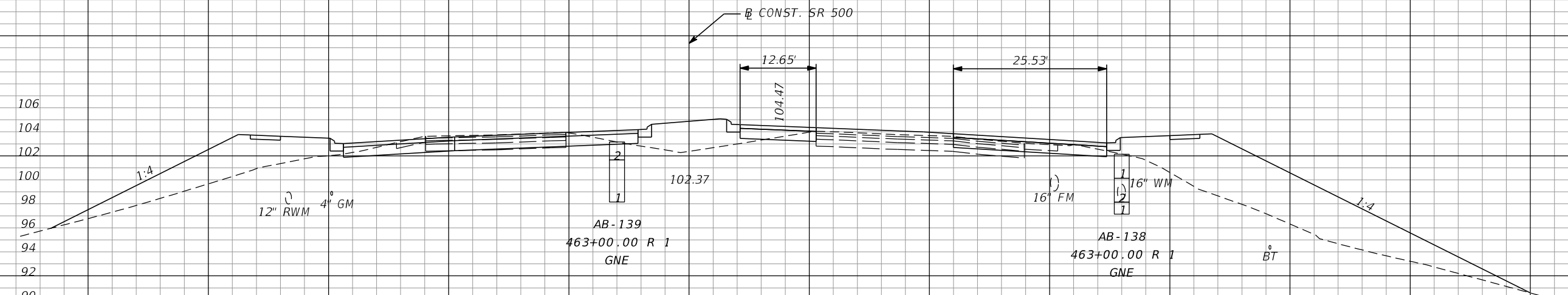
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
63	120	224	504		
67	133	320	833		

NATOMA BLVD.
STA. 463+99.85



463+50.00



463+00.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

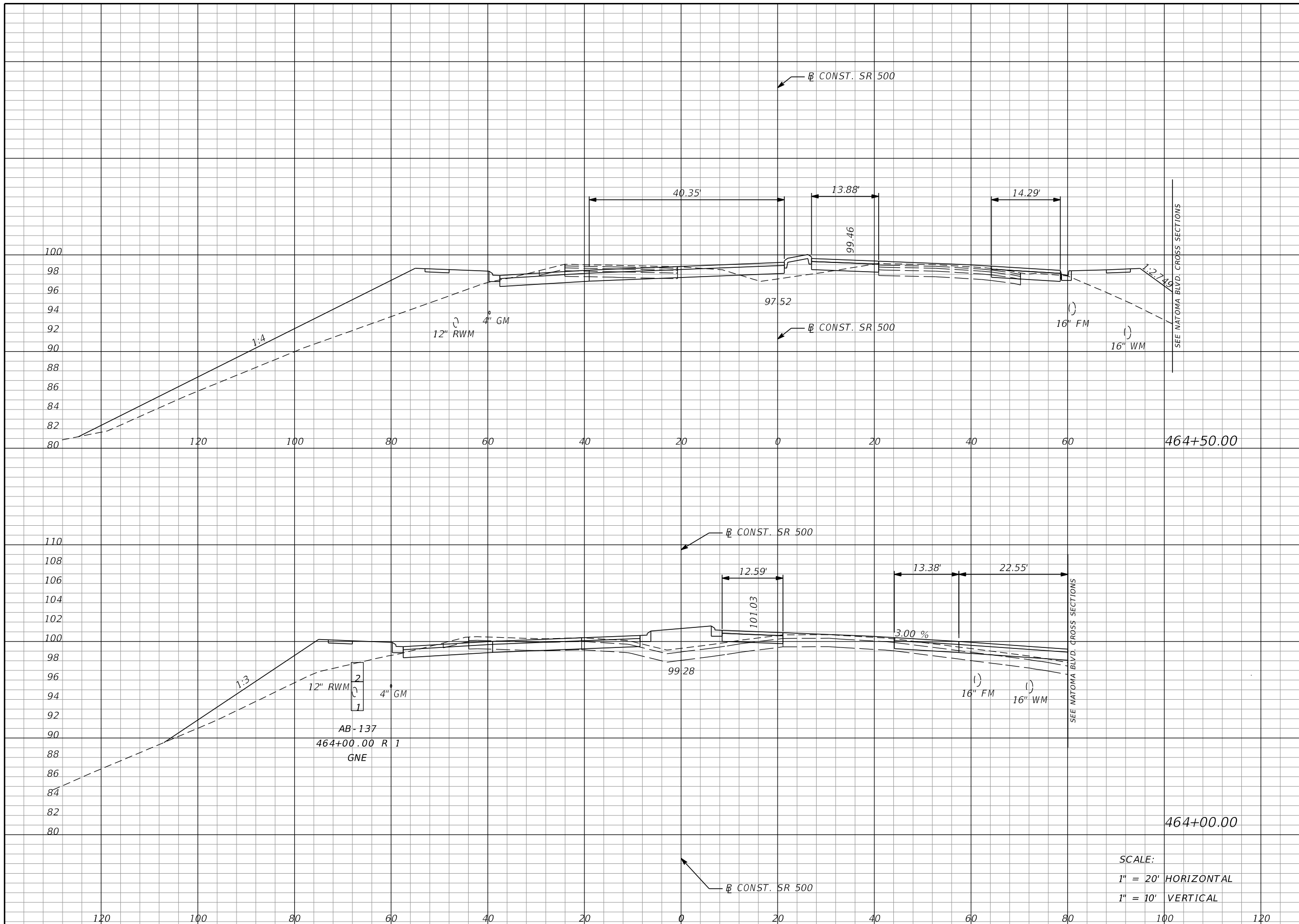
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
323

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
77	144	252	343		
79	131	118	317		

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

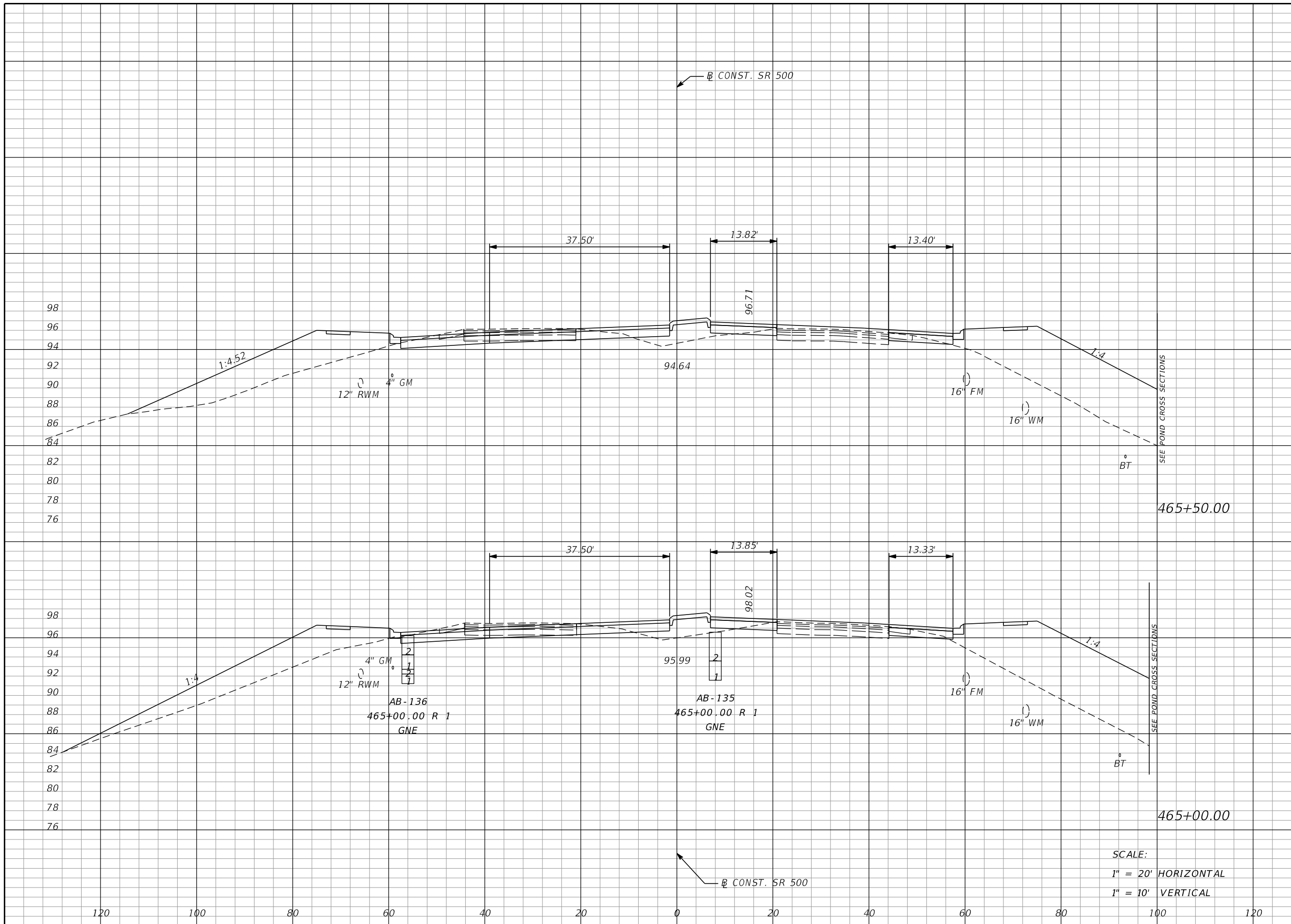
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
324

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
64	122	361	685	68	584

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

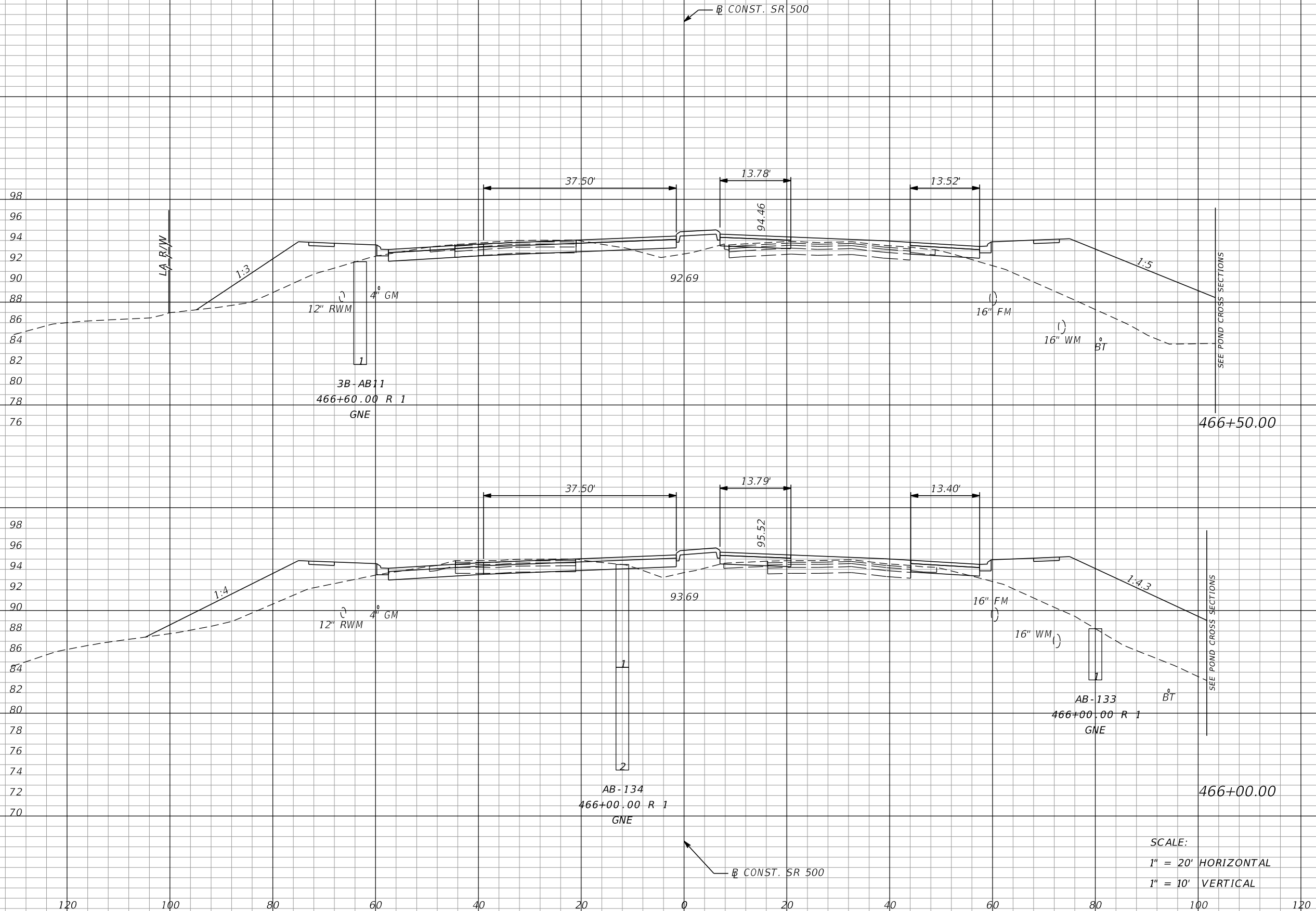
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
325

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V



60	112	323	599
61	116	324	634

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

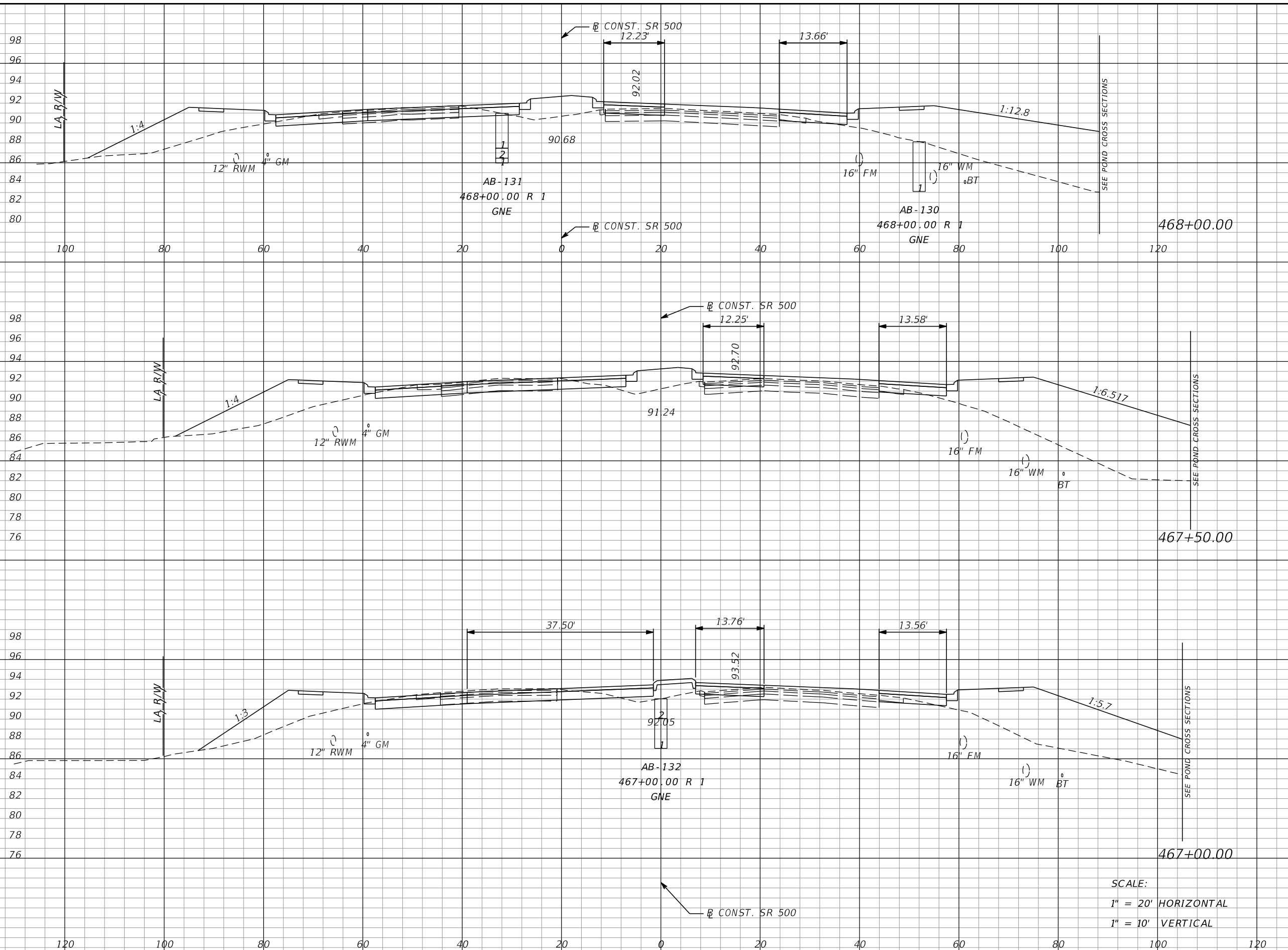
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
326

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
53	101	318	638		
56	112	371	594		
65	116	271	550		

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

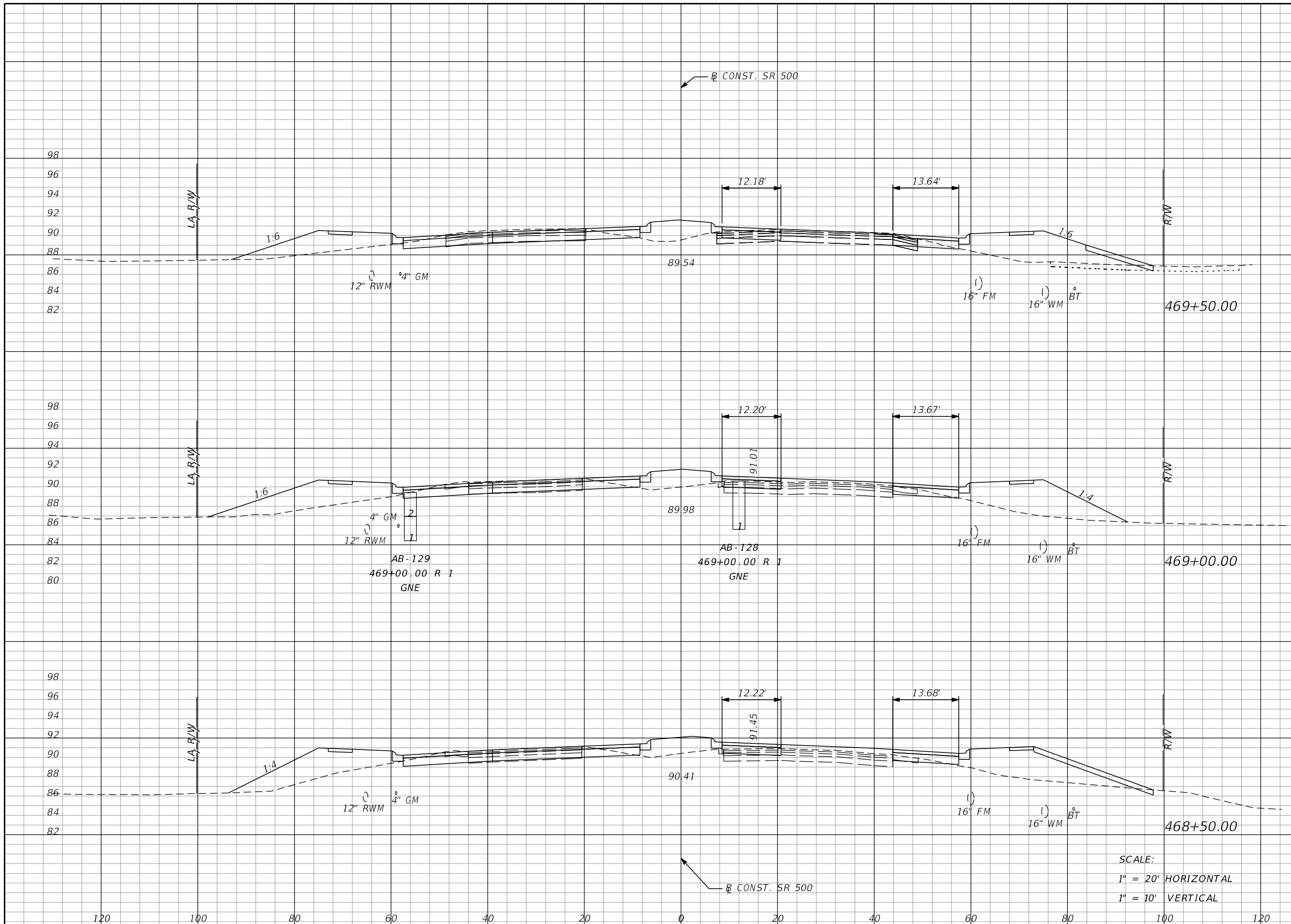
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS		SHEET NO.
SR 500		327

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
71	123	141	286		
62	112	168	299		
59	104	155	438		

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

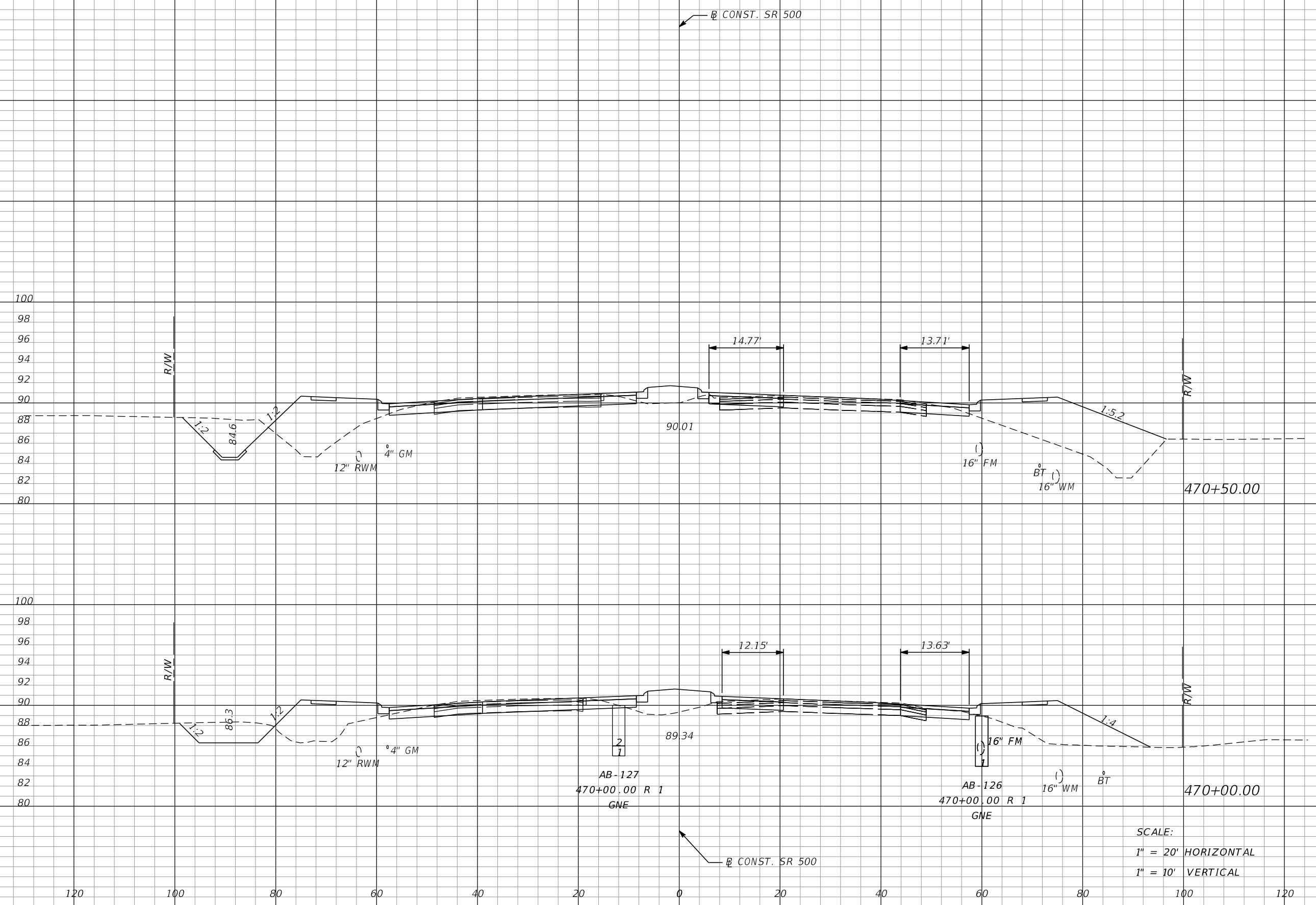
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS		SHEET NO.
SR 500		328

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V



117	204	238	374
103	161	166	284

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

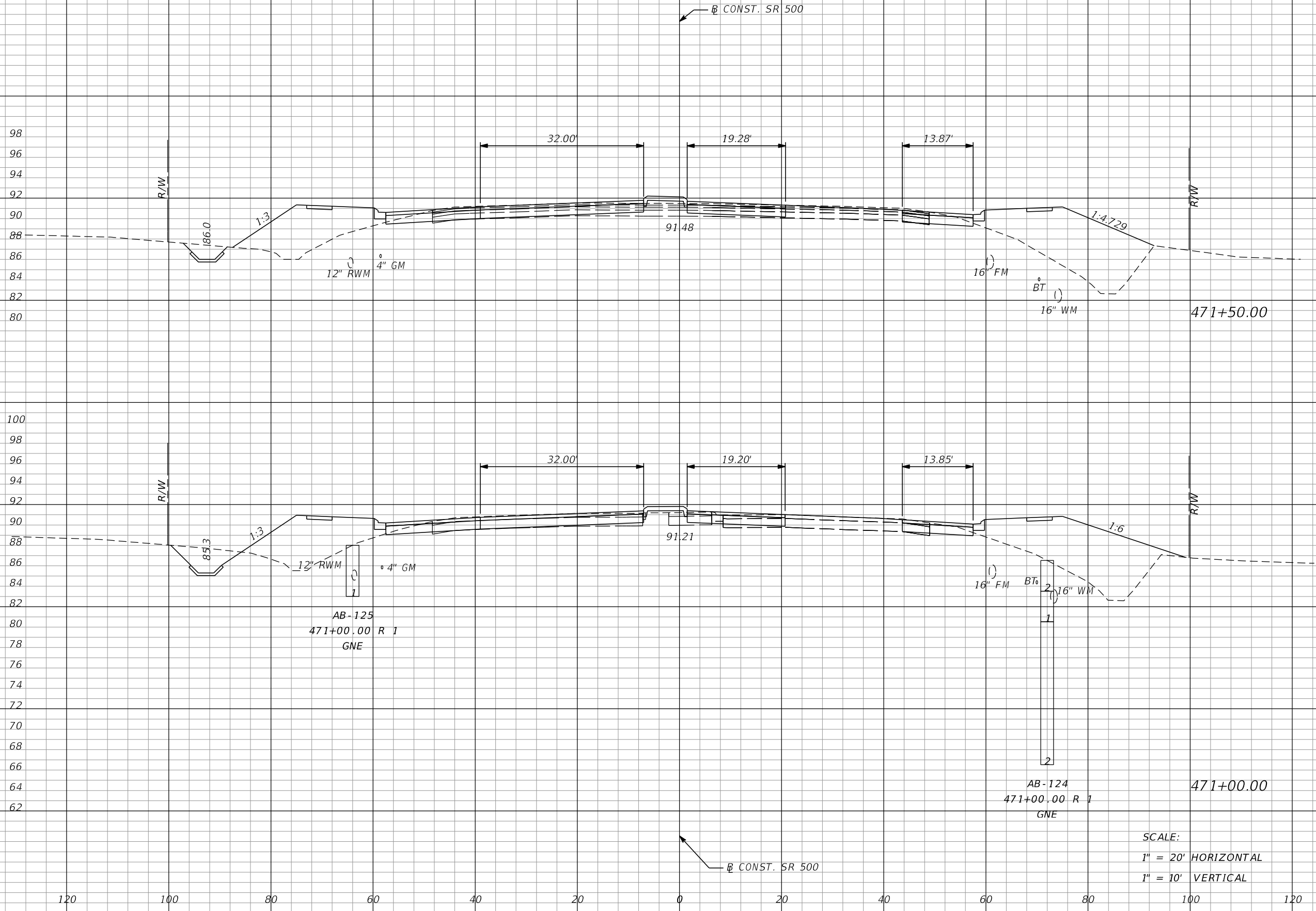
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
329

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
96	187	226		422	
106	206	230		433	



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

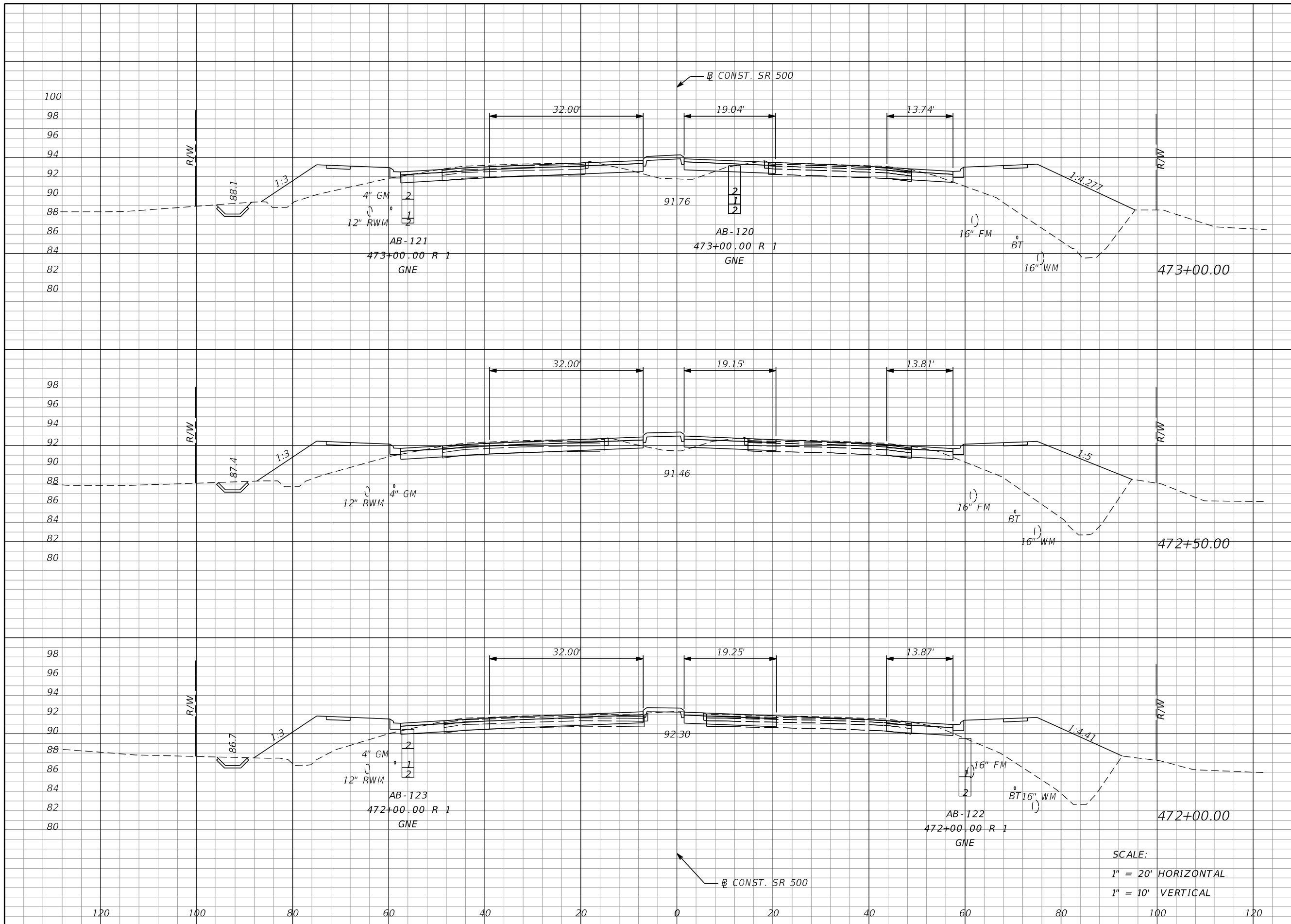
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS		SHEET NO.
SR 500		330

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
82	157	246		246	456
88	169	246		246	440
94	176	229		229	421

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

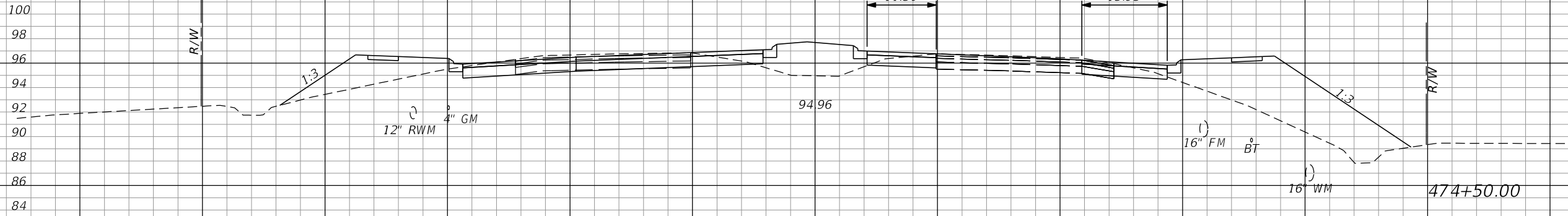
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

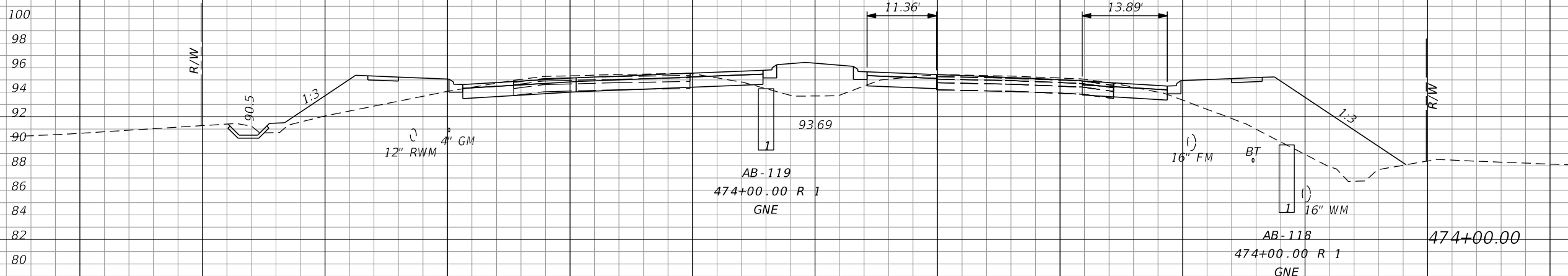
CROSS SECTIONS
SR 500

SHEET NO.
331

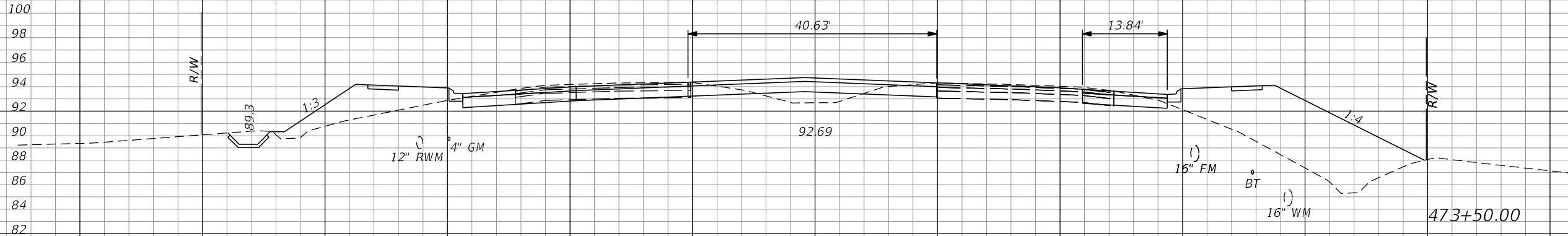
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
73	140	206		381	



78	149	206		386	
----	-----	-----	--	-----	--



83	153	211		423	
----	-----	-----	--	-----	--

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

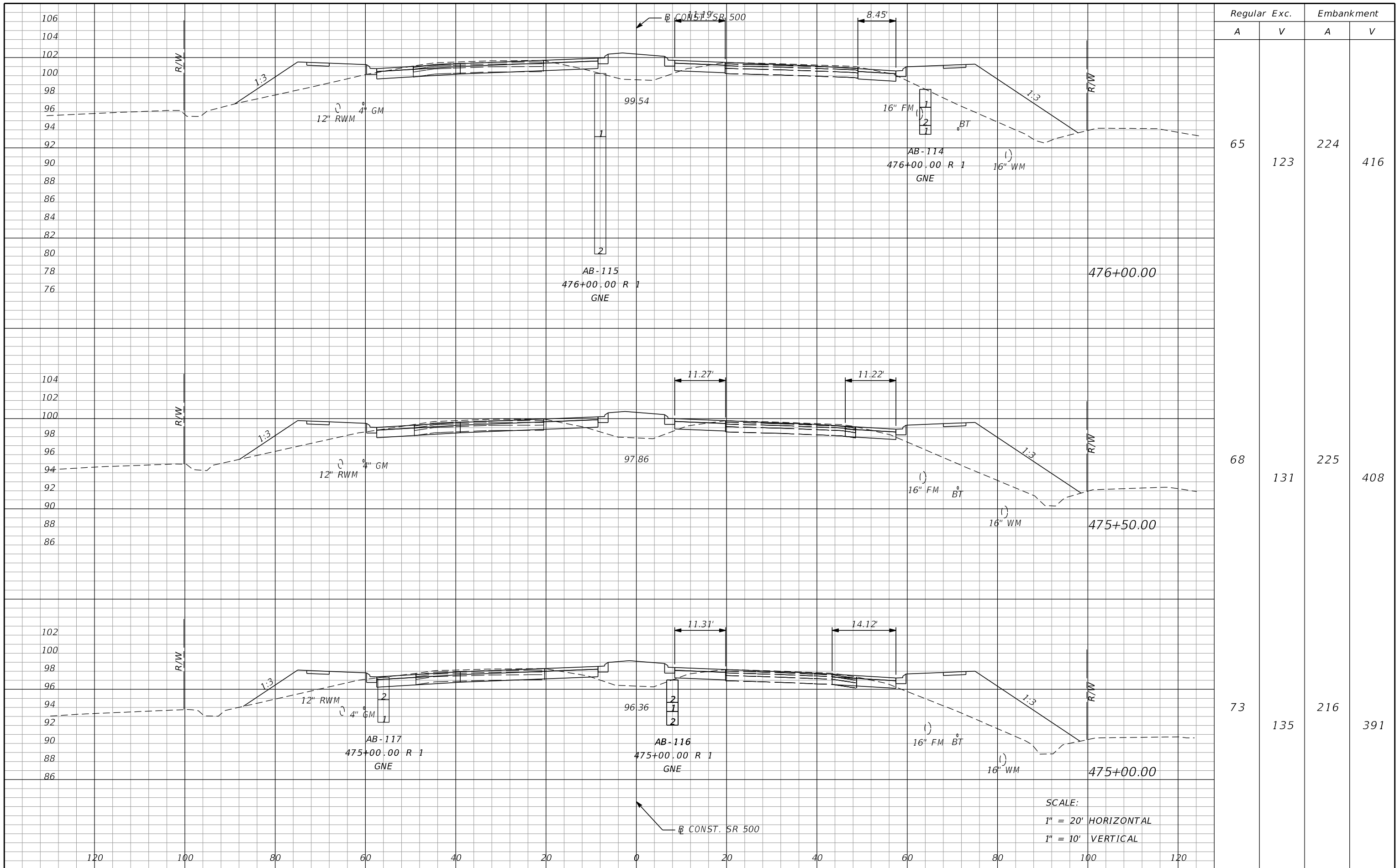
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
332

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
65	123	224		416	
68	131	225		408	
73	135	216		391	

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

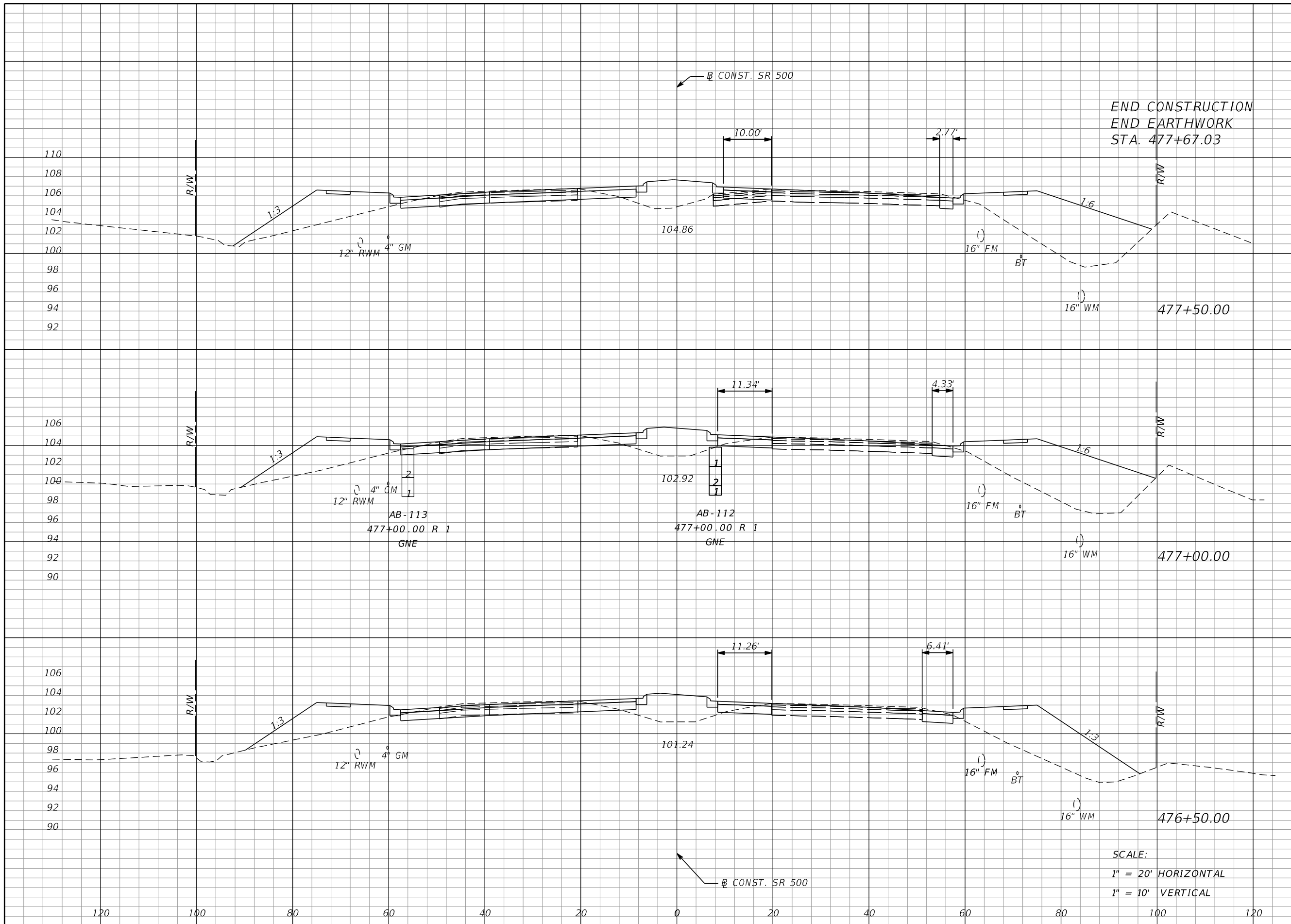
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
SR 500

SHEET NO.
333

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
60	111	257		482	
60	114	264		453	
63	119	225		416	

END CONSTRUCTION
END EARTHWORK
STA. 477+67.03

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

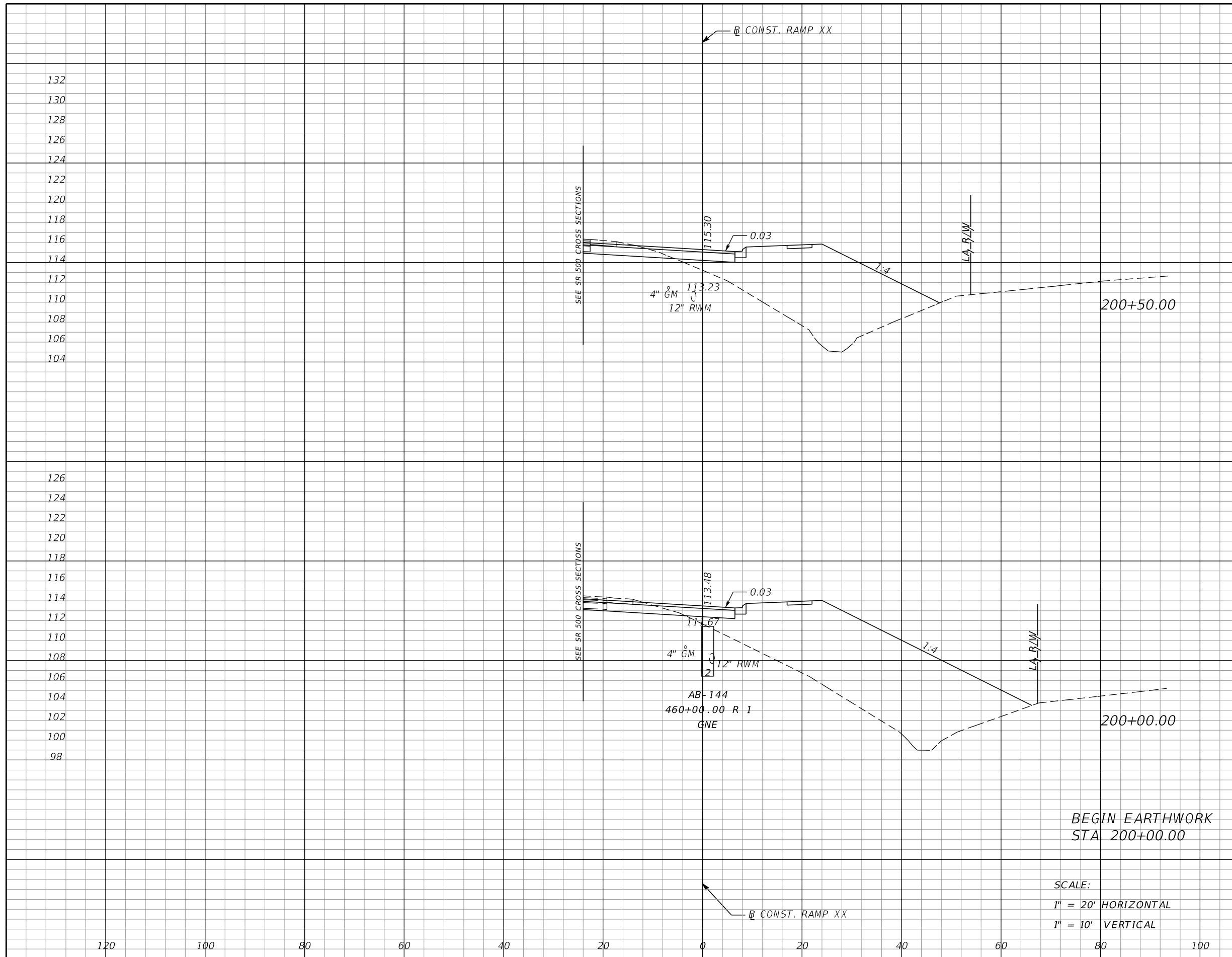
MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS SR 500		SHEET NO.
		334

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	19	37	257	609
0	0	21	0	401	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

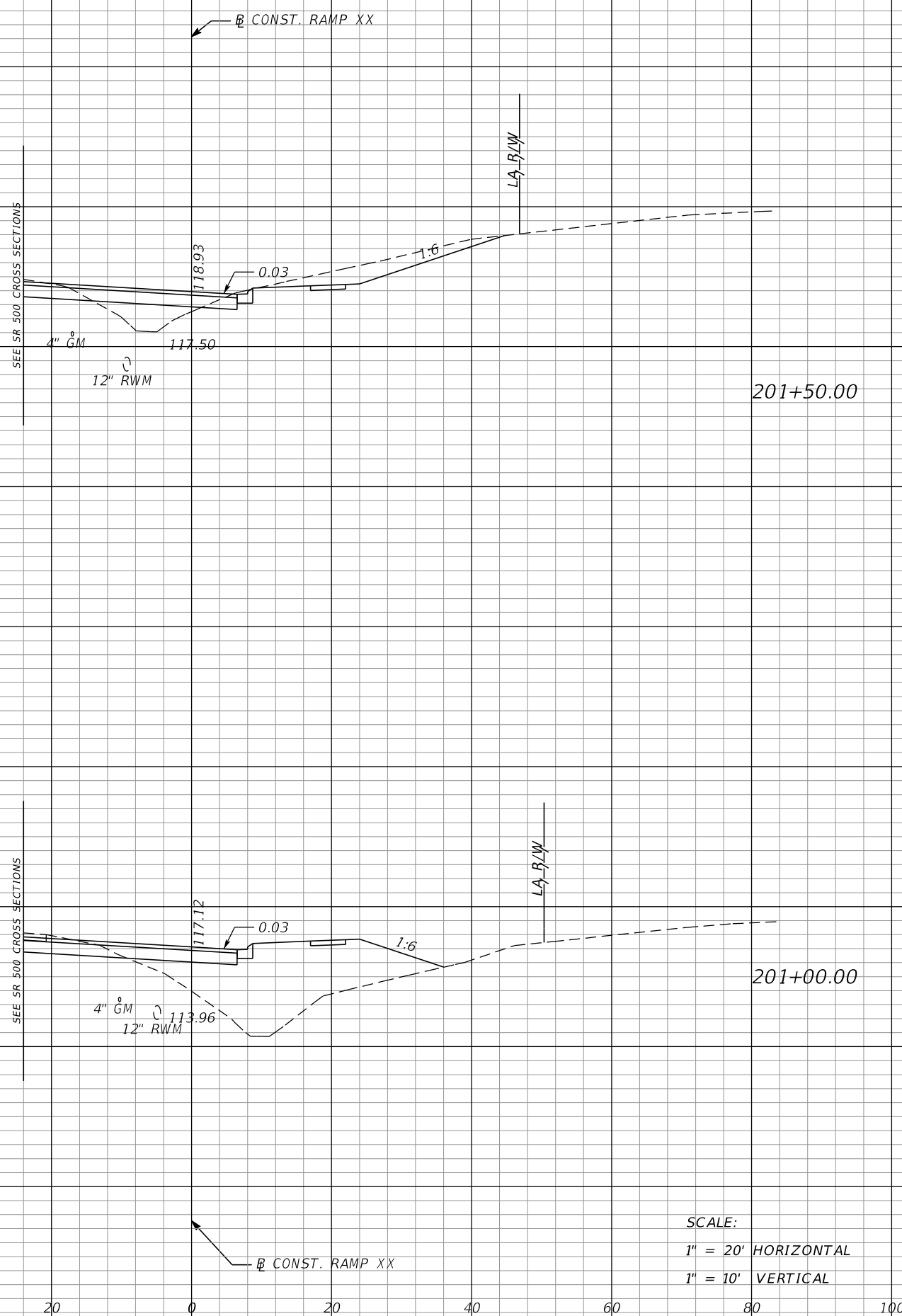
CROSS SECTIONS
RAMP XX

SHEET NO.
 335

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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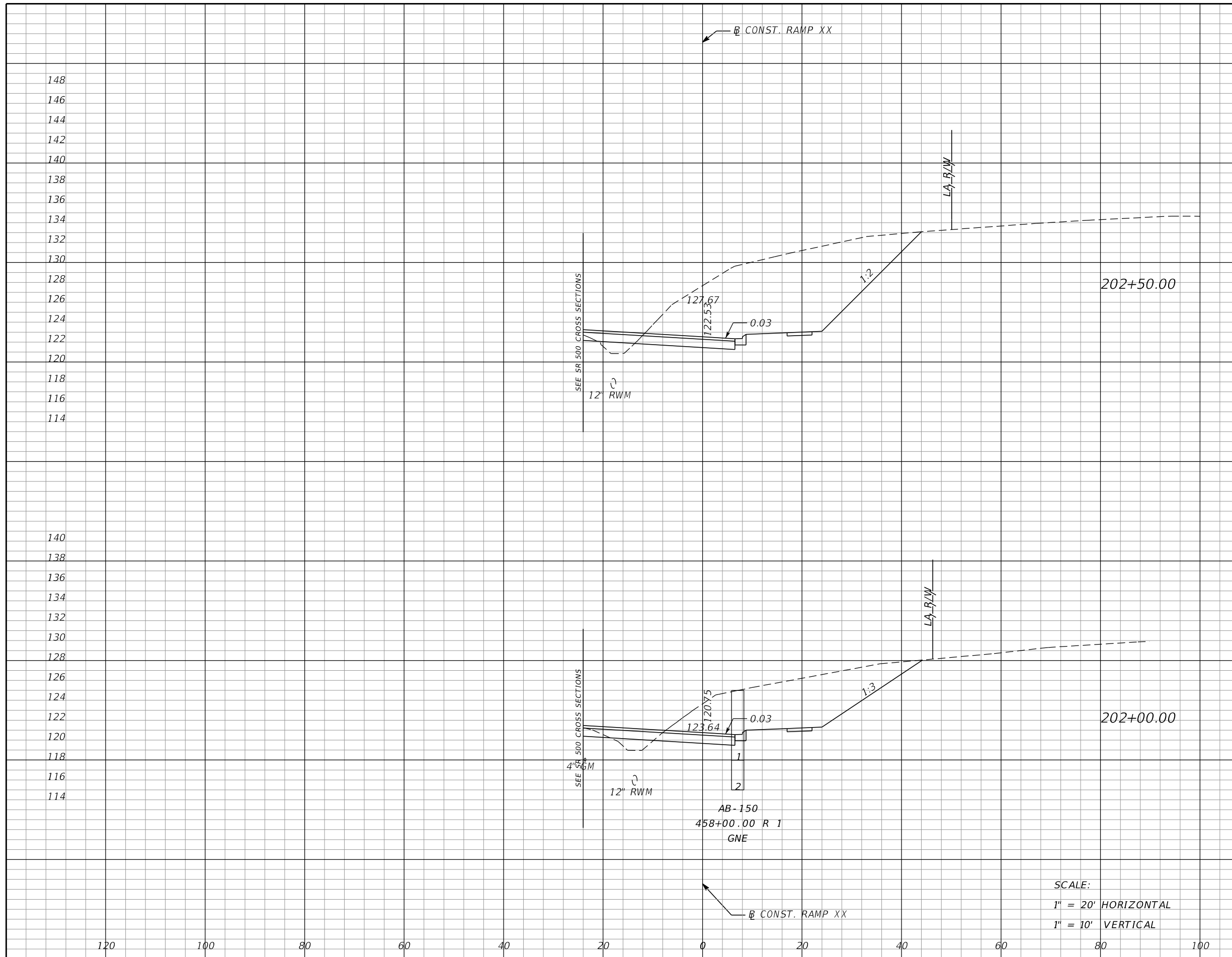
SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	40	50	17	141
0	0	14	31	135	363

120 100 80 60 40 20 0 20 40 60 80 100

DATE		DESCRIPTION		DATE		DESCRIPTION		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS RAMP XX	SHEET NO. 336
								ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	324	481	6	11
0	0	196	219	6	21

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

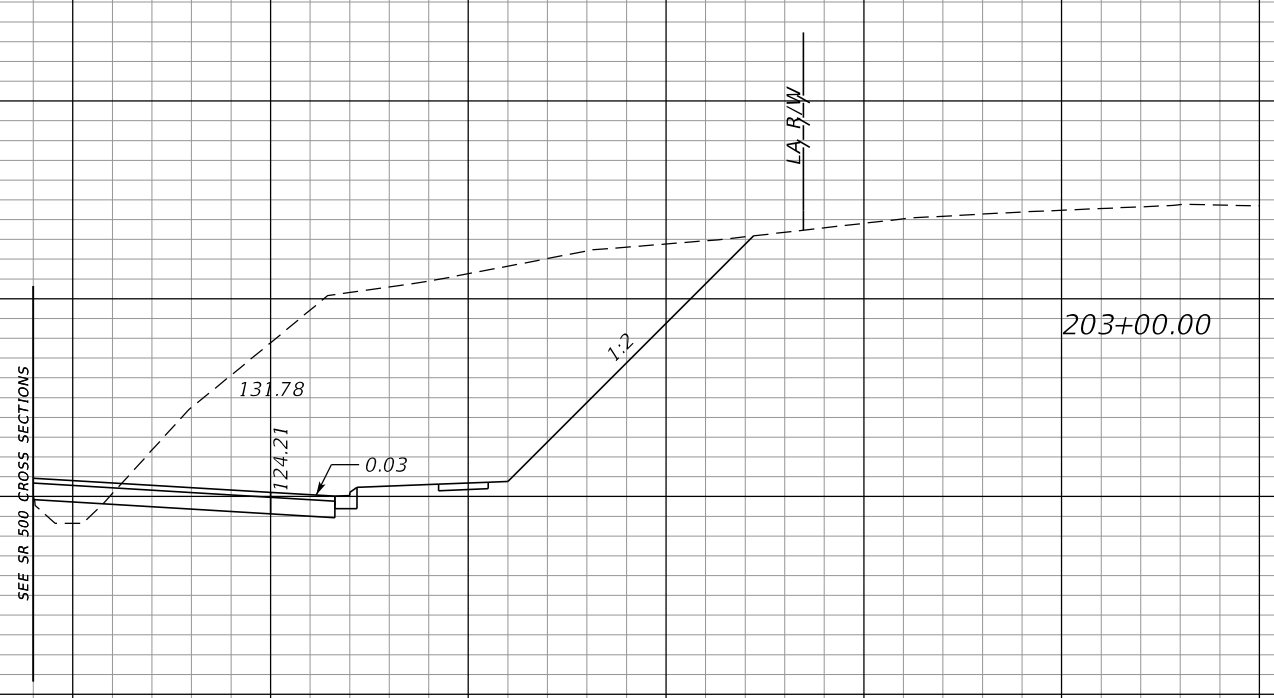
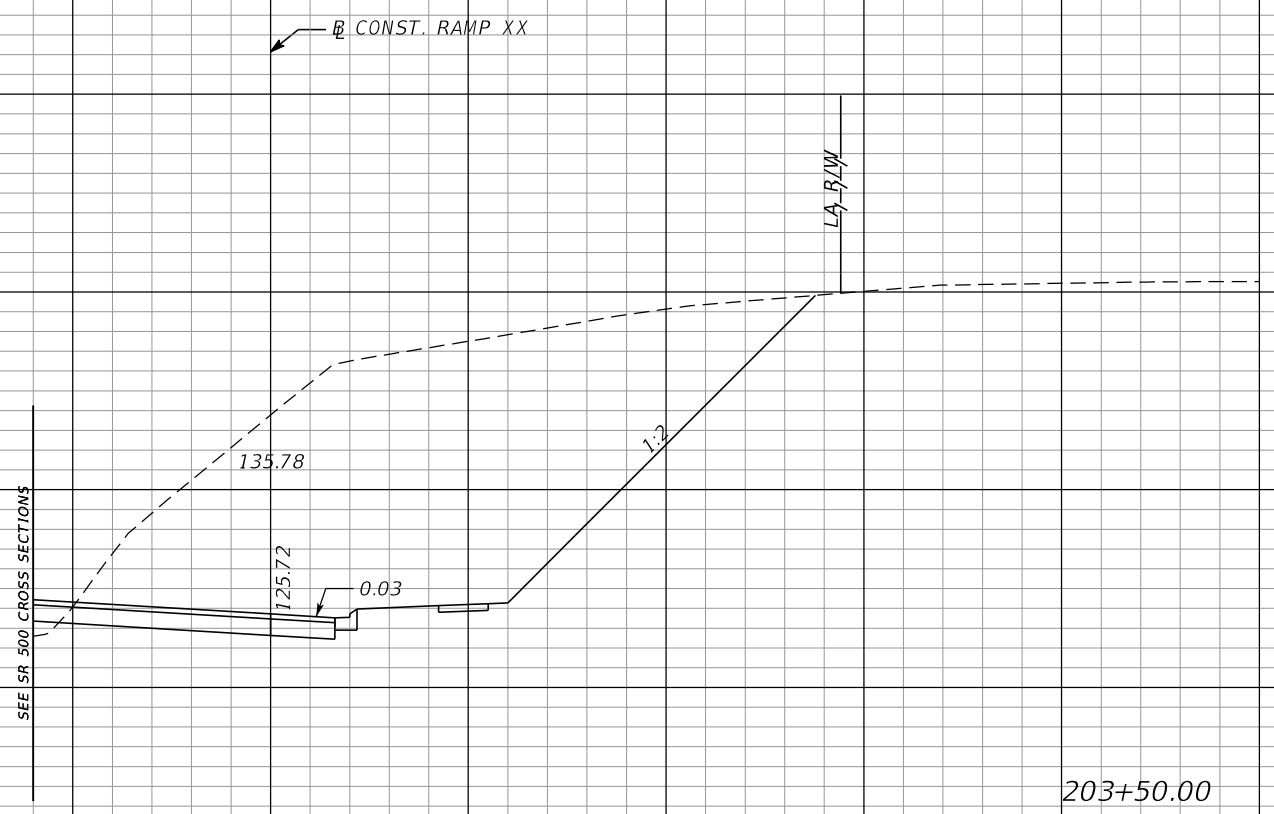
CROSS SECTIONS
RAMP XX

SHEET NO.
337

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

154
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116
114



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

120 100 80 60 40 20 0 20 40 60 80 100

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	660	1043	1	6
0	0	466	731	6	11

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

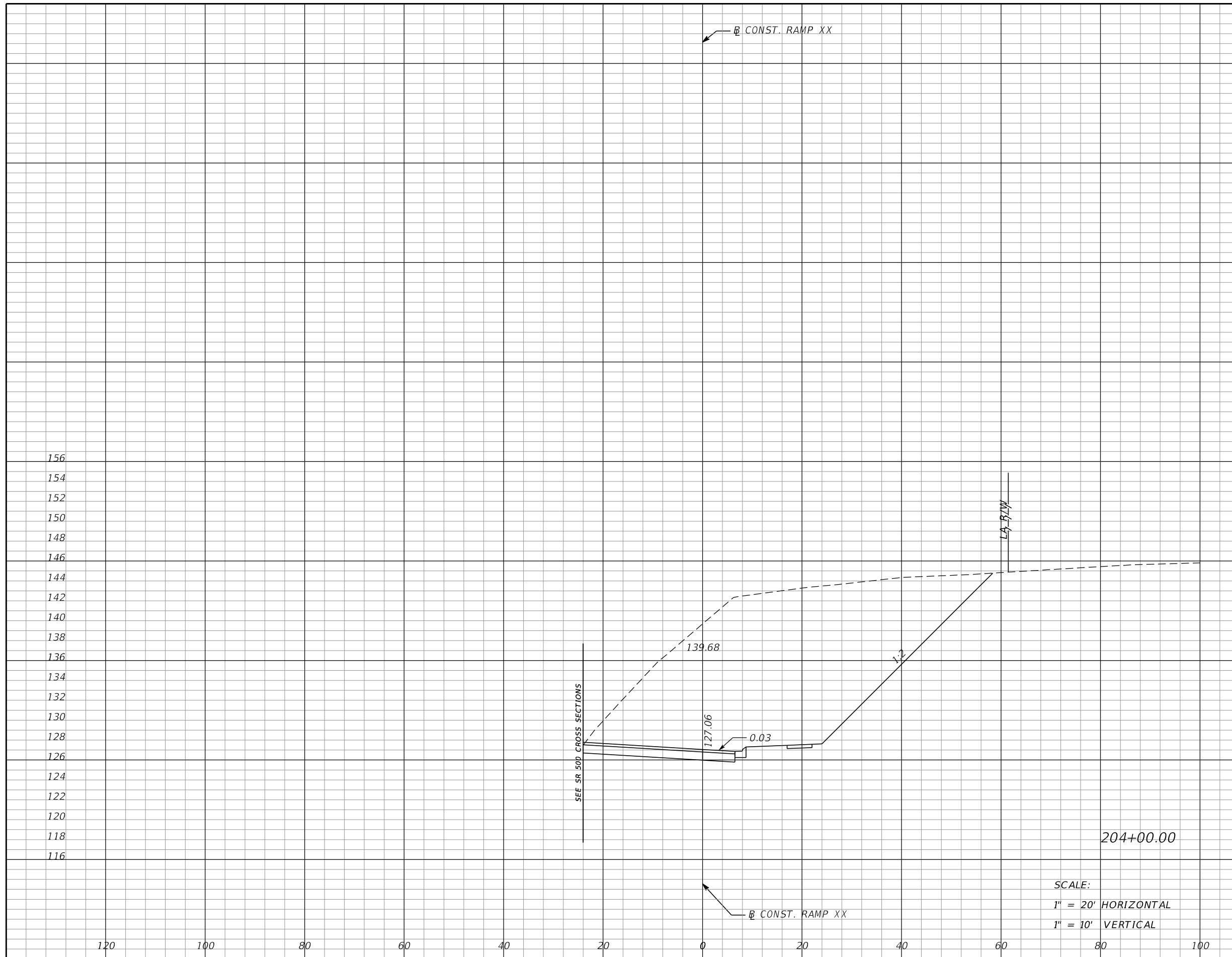
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
338

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	835	1384	0	1

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

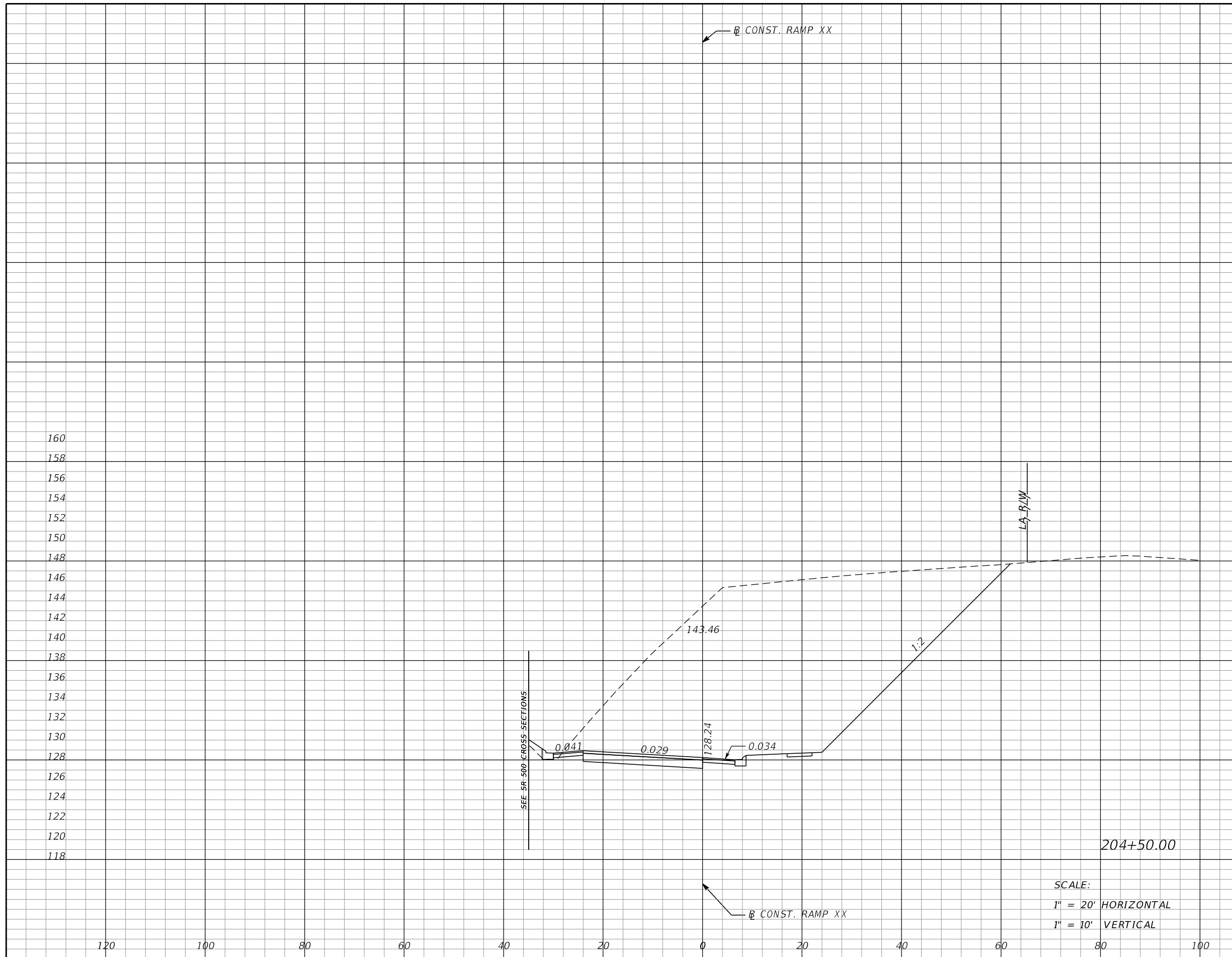
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
339

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1000	1699	2	2

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

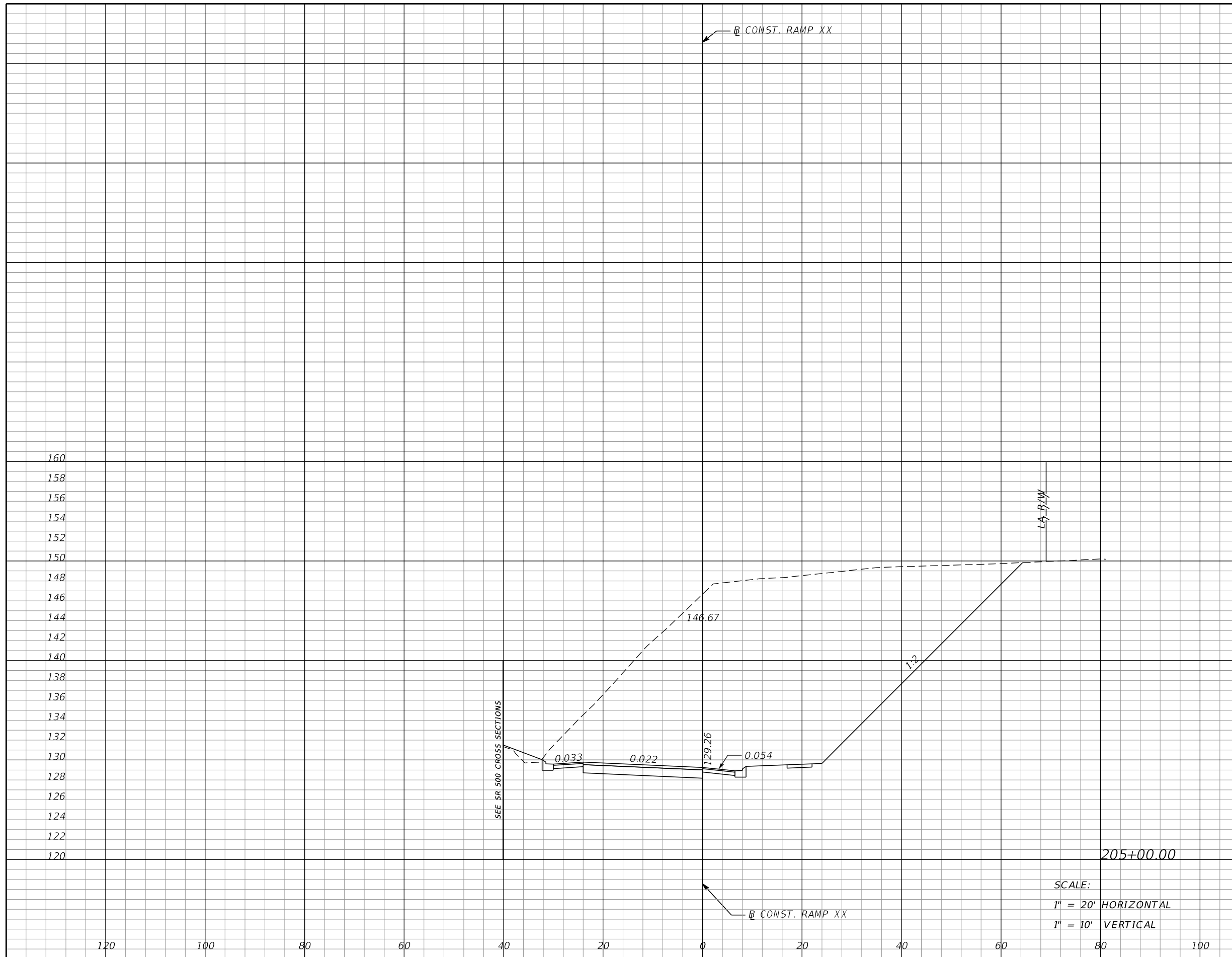
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
340

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1171	2010	4	6

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

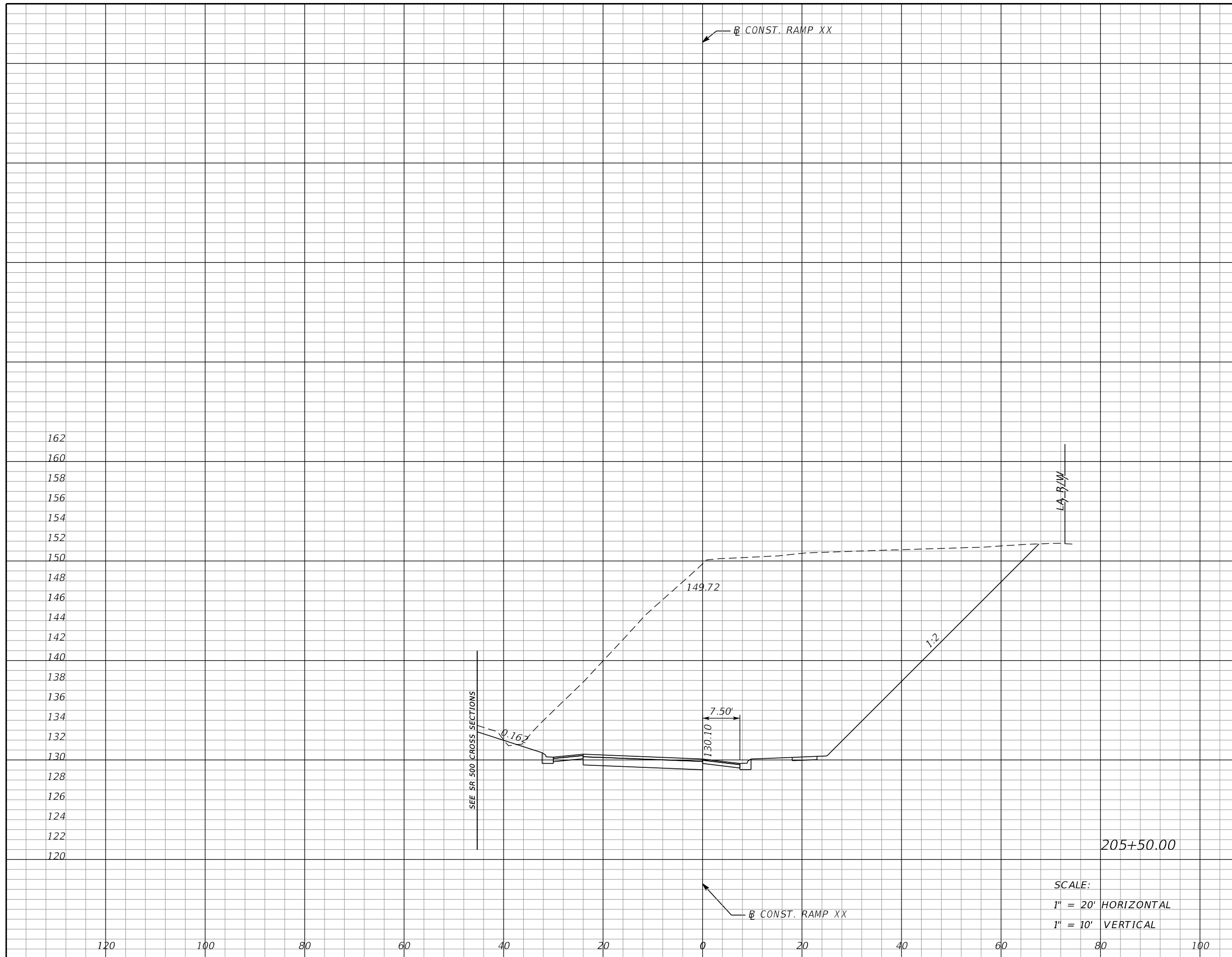
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS RAMP XX		SHEET NO.
		341

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1365	2348	1	5

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

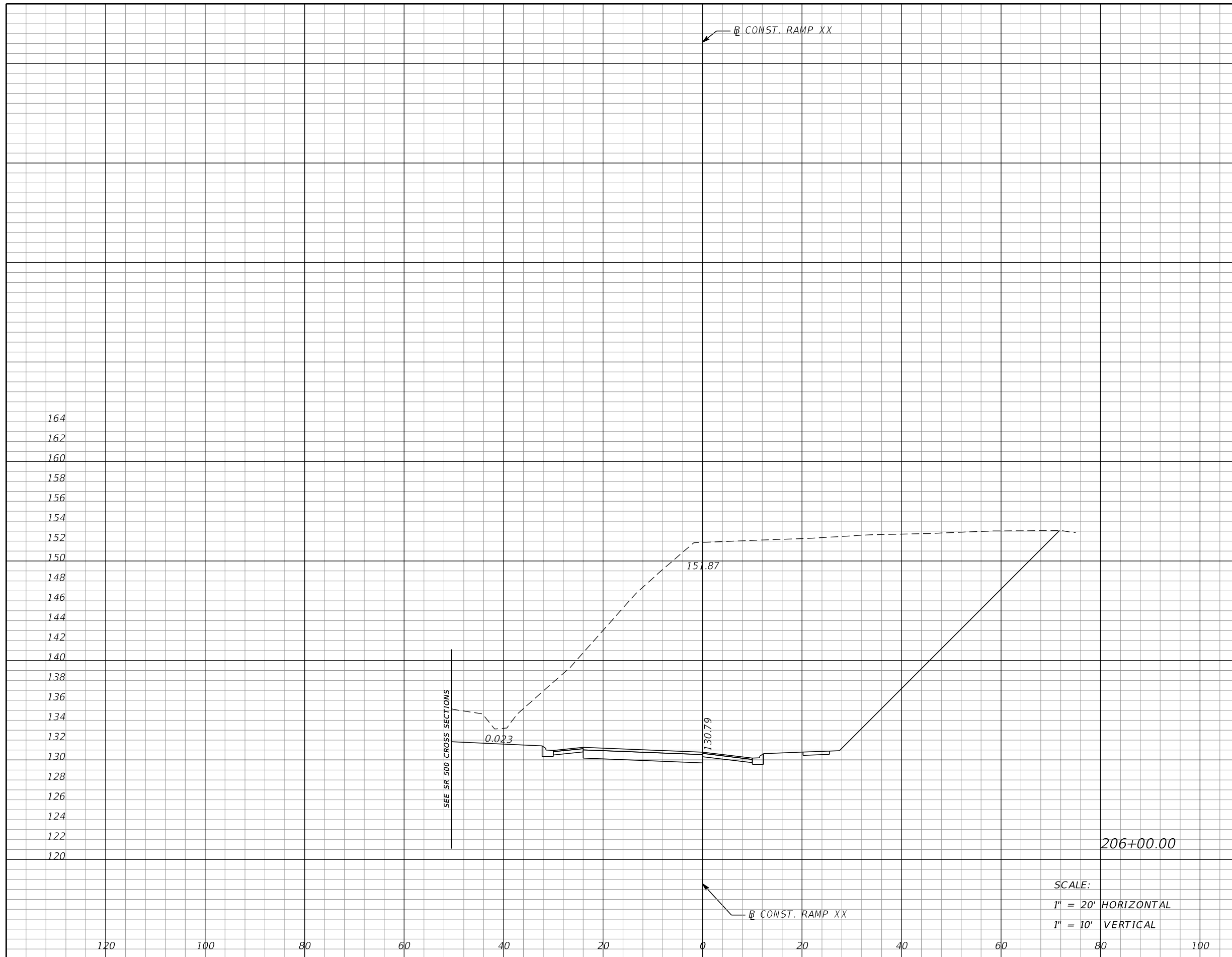
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS RAMP XX		SHEET NO.
		342

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1611	2756	0	1

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

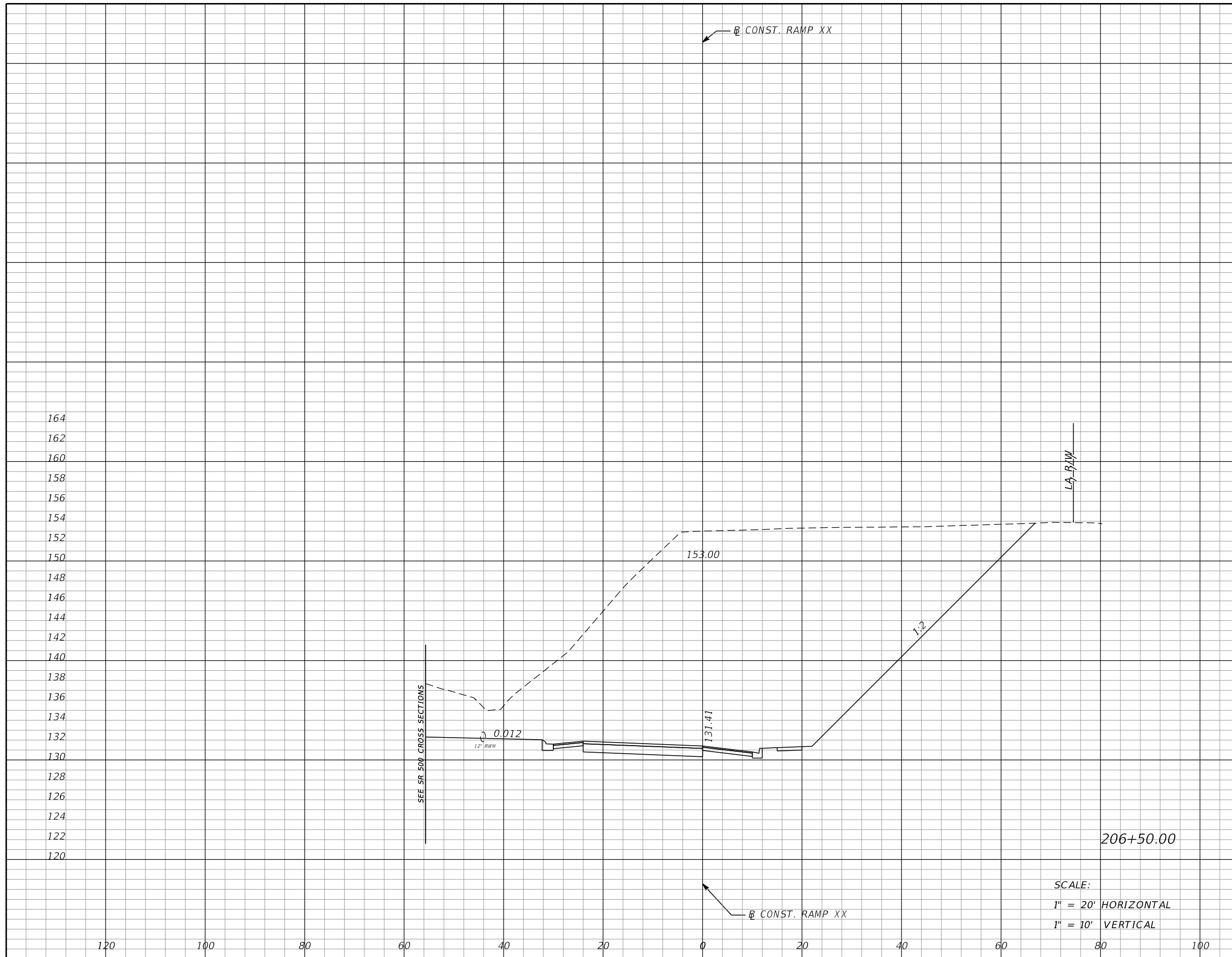
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

<p>CROSS SECTIONS RAMP XX</p>	<p>SHEET NO. 343</p>
---	---------------------------------

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1603	2976	0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

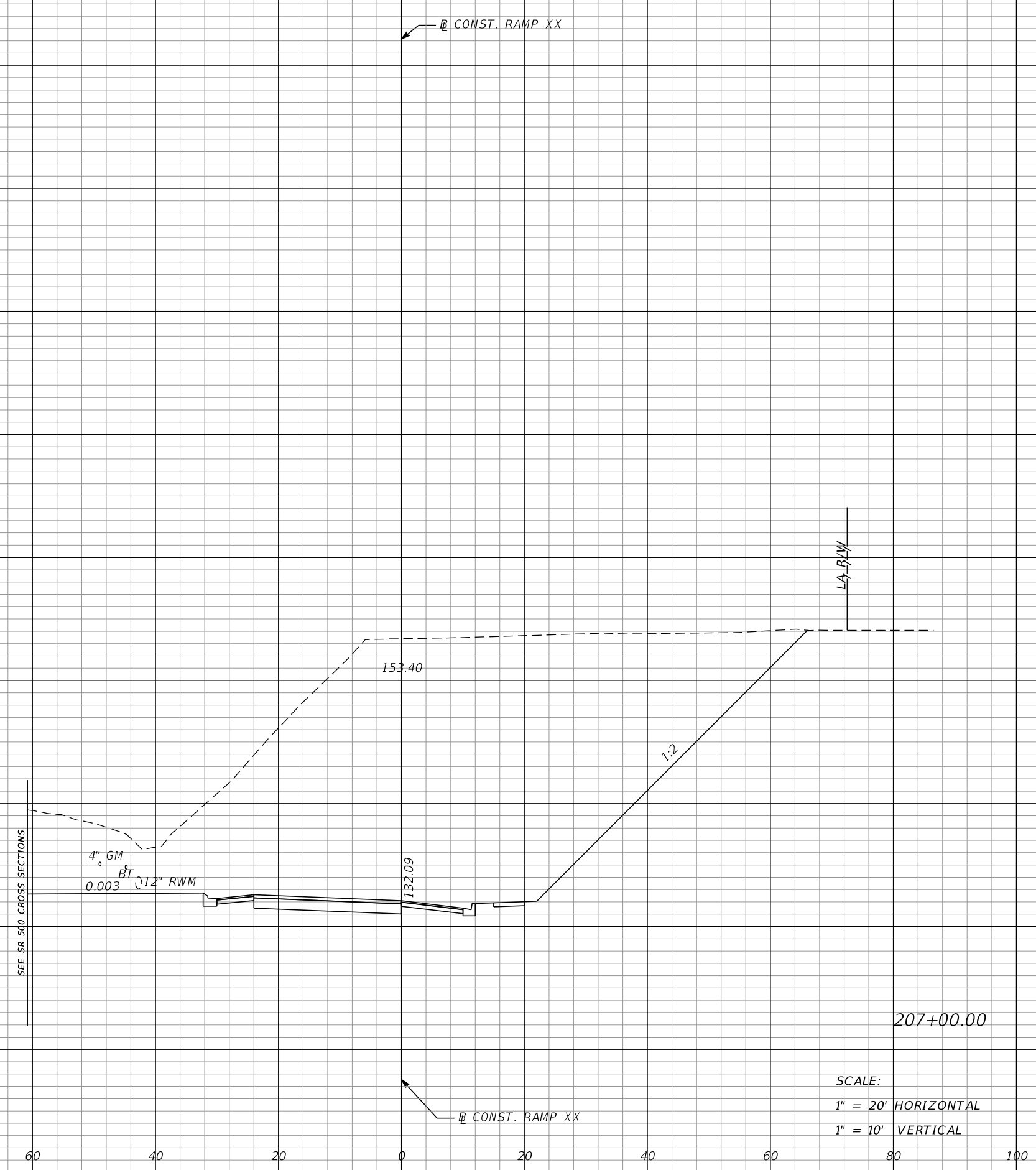
CROSS SECTIONS
RAMP XX

SHEET NO.
344

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1644	3006	0	0

166
164
162
160
158
156
154
152
150
148
146
144
142
140
138
136
134
132
130
128
126
124
122
120



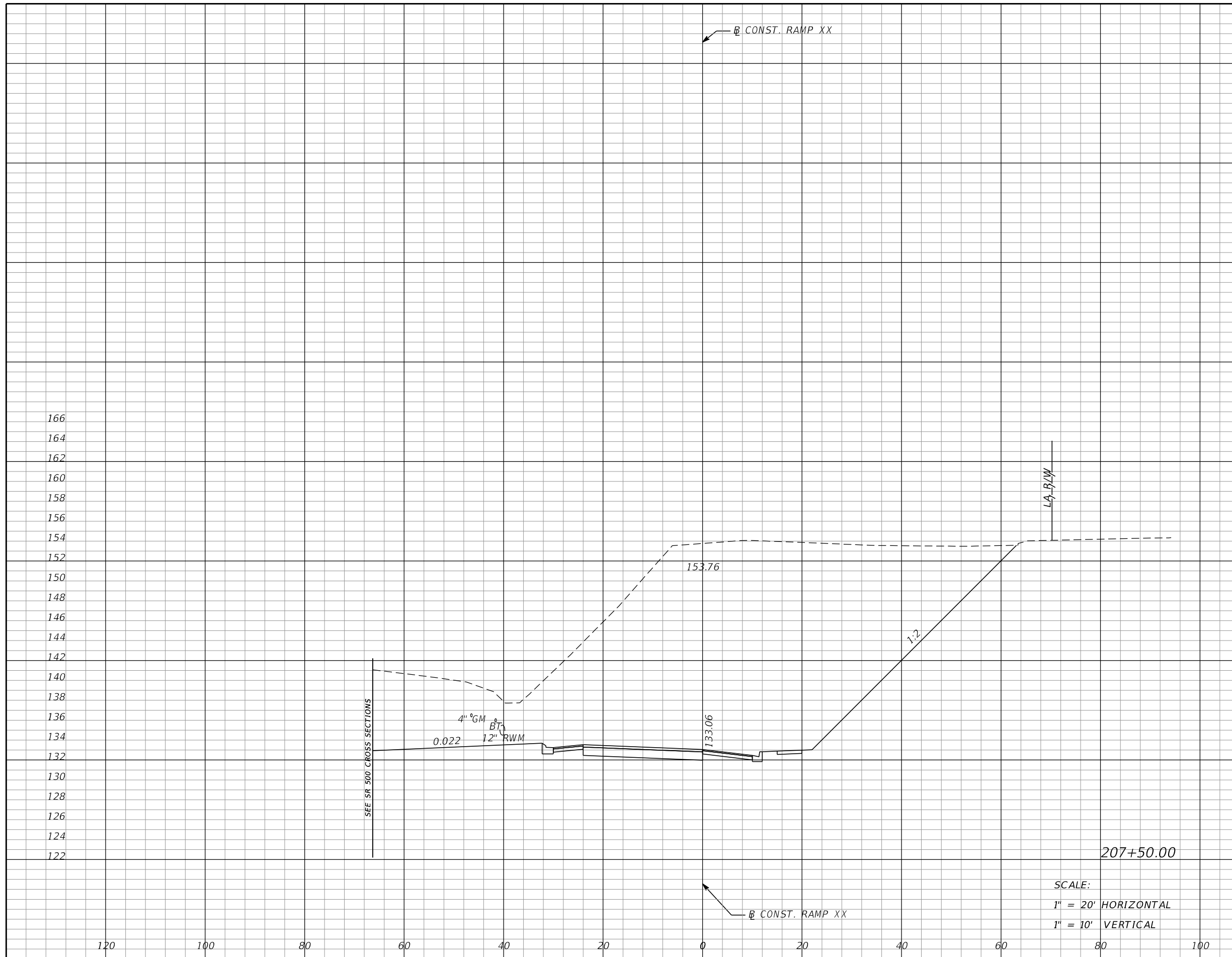
SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

SEE SR 500 CROSS SECTIONS

120 100 80 60 40 20 0 20 40 60 80 100

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS RAMP XX	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE		238275-2-52-01

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1609	3012	0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

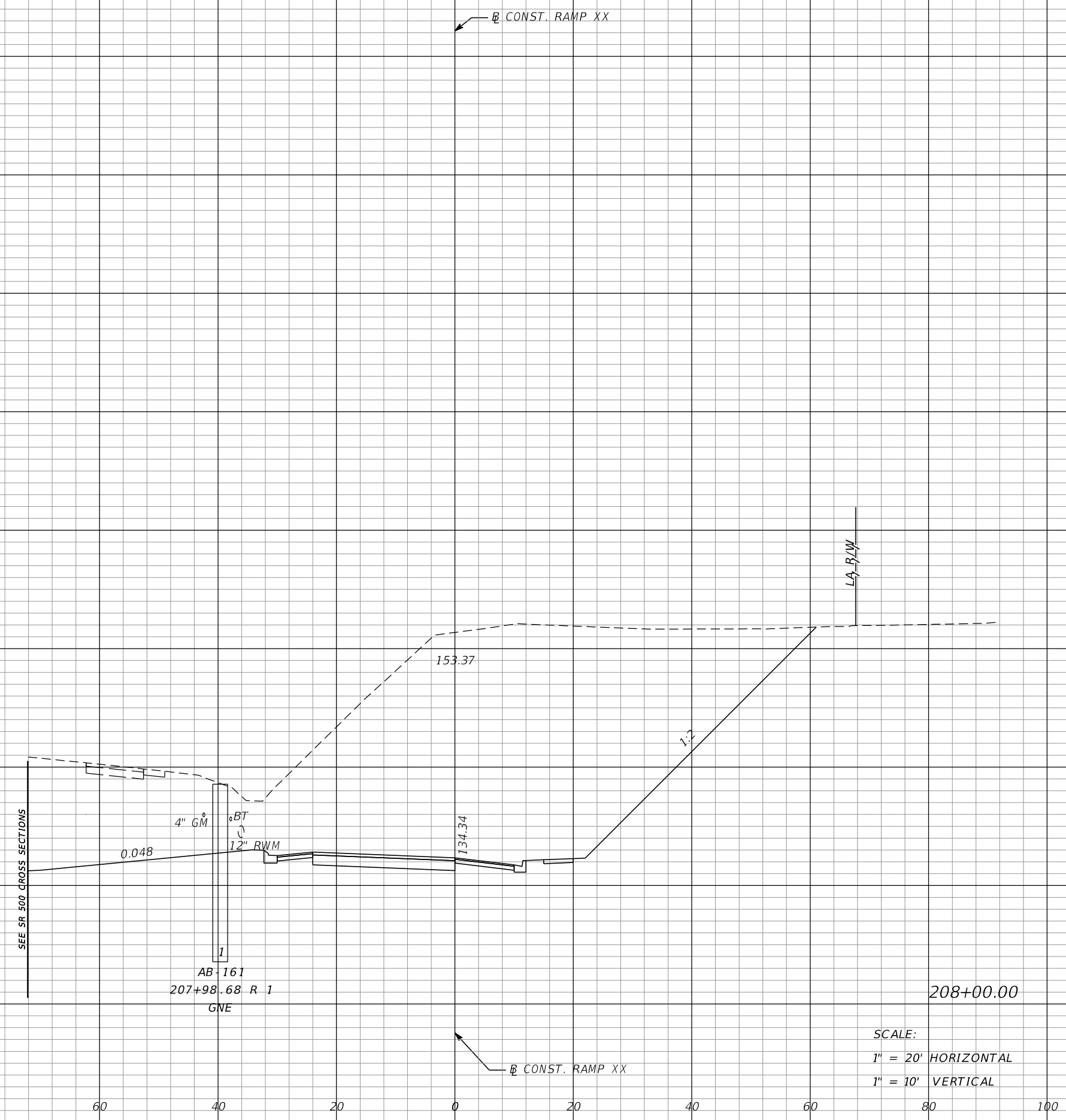
CROSS SECTIONS
RAMP XX

SHEET NO.
346

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1547	2922	0	0

164
162
160
158
156
154
152
150
148
146
144
142
140
138
136
134
132
130
128
126
124
122



120 100 80 60 40 20 0 20 40 60 80 100

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

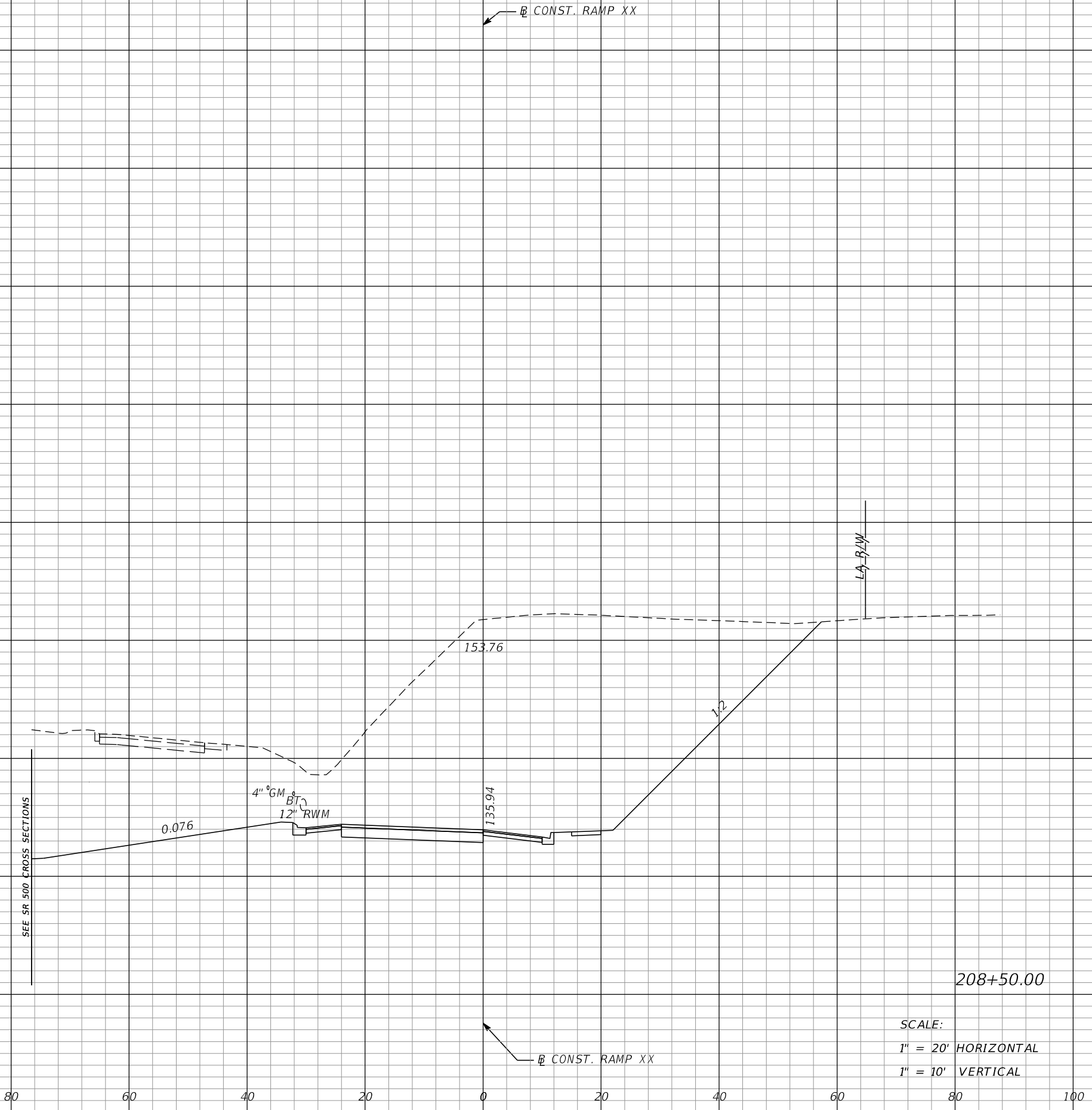
CROSS SECTIONS
RAMP XX

SHEET NO.
347

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1466	2790	0	0

166
164
162
160
158
156
154
152
150
148
146
144
142
140
138
136
134
132
130
128
126
124
122



SEE SR 500 CROSS SECTIONS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

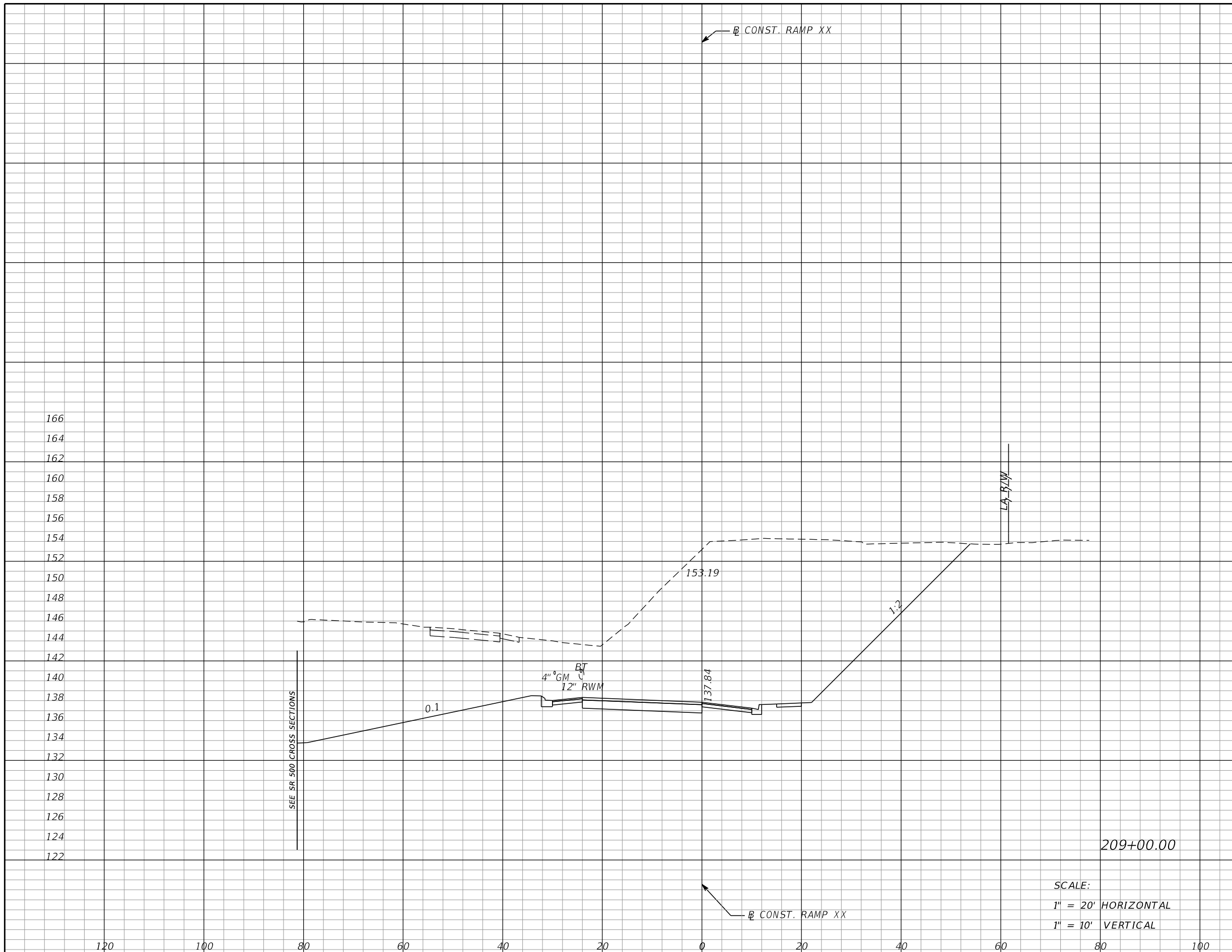
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
348

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



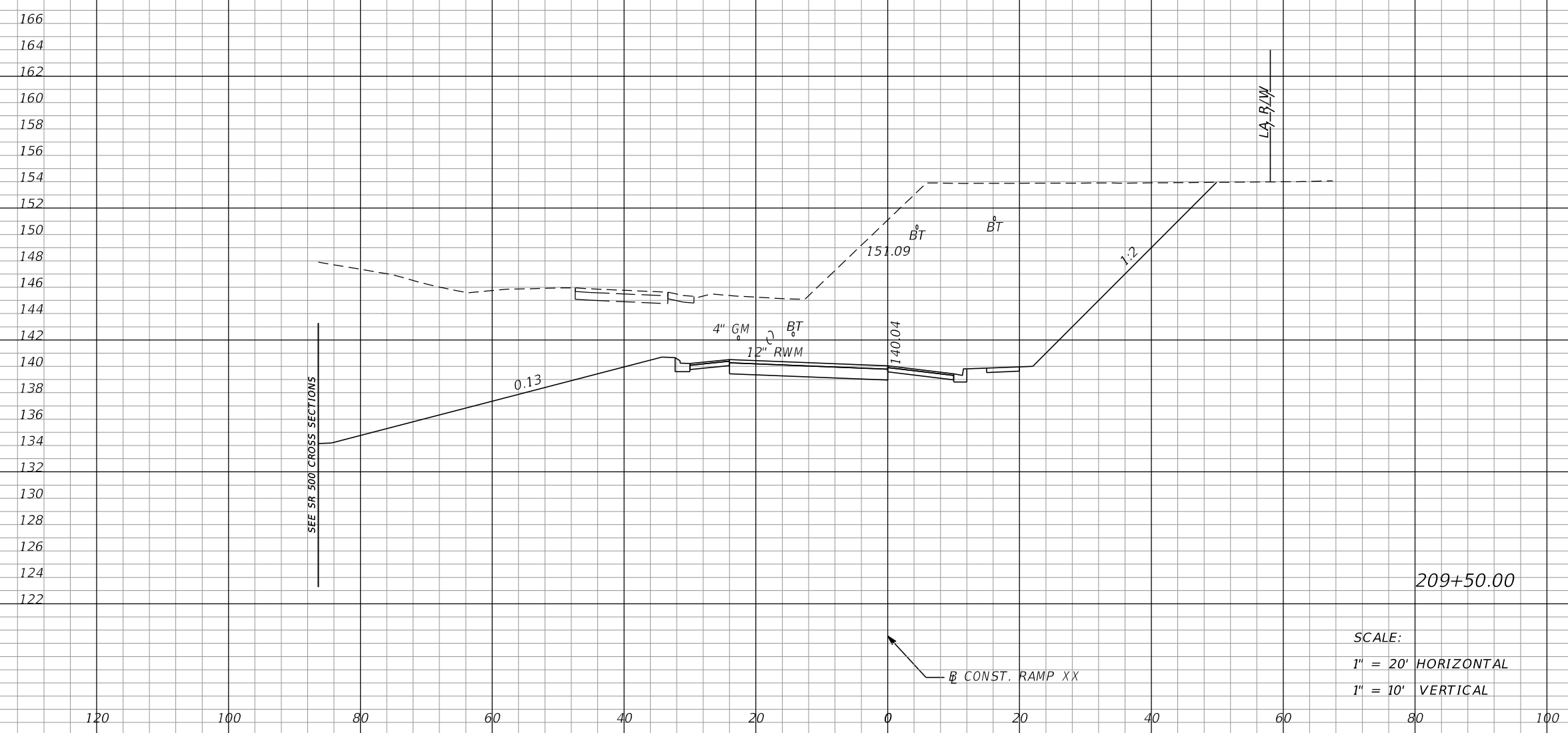
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1388	2643	0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS RAMP XX	SHEET NO. 349
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1204	2400	0	0



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

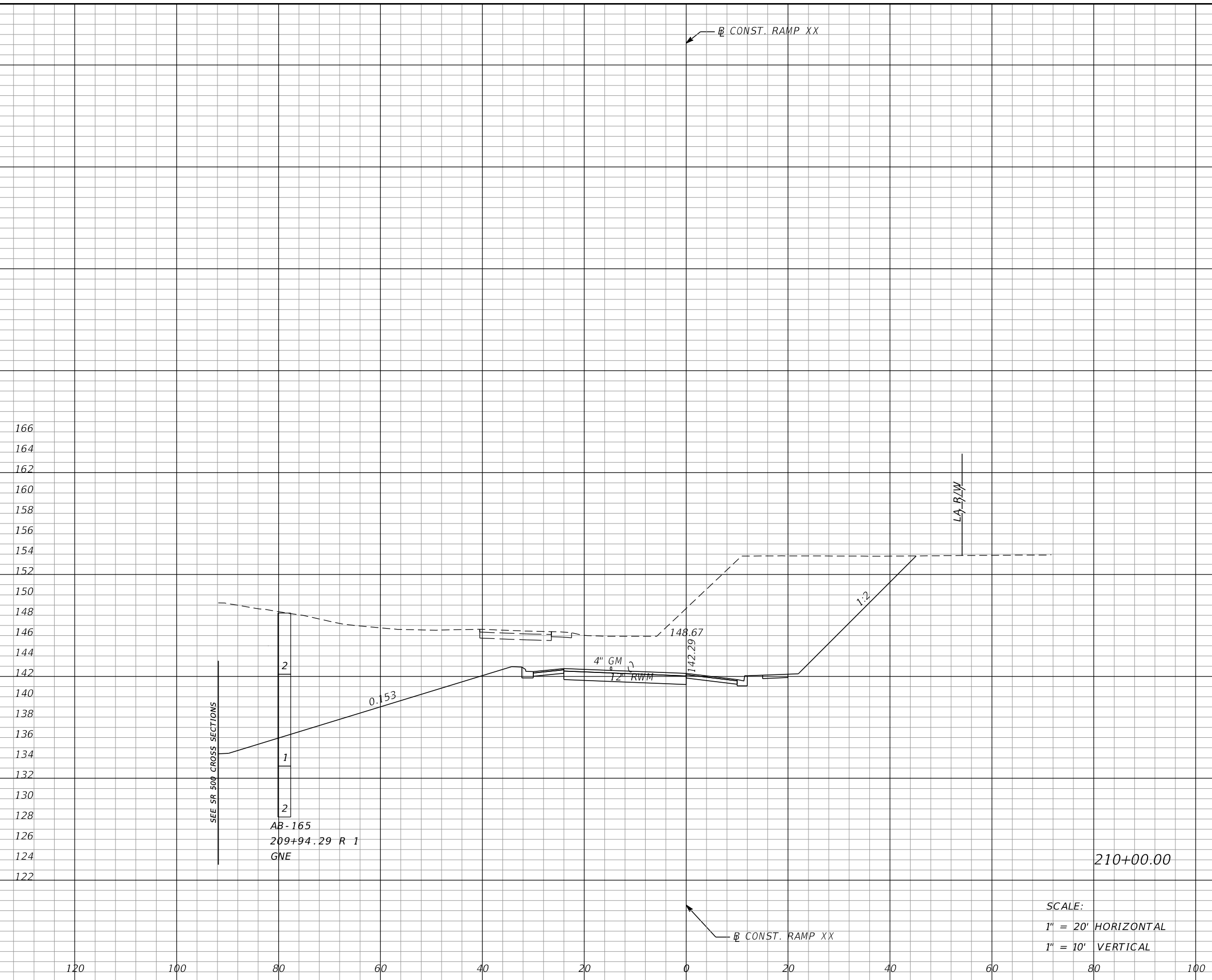
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
350

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

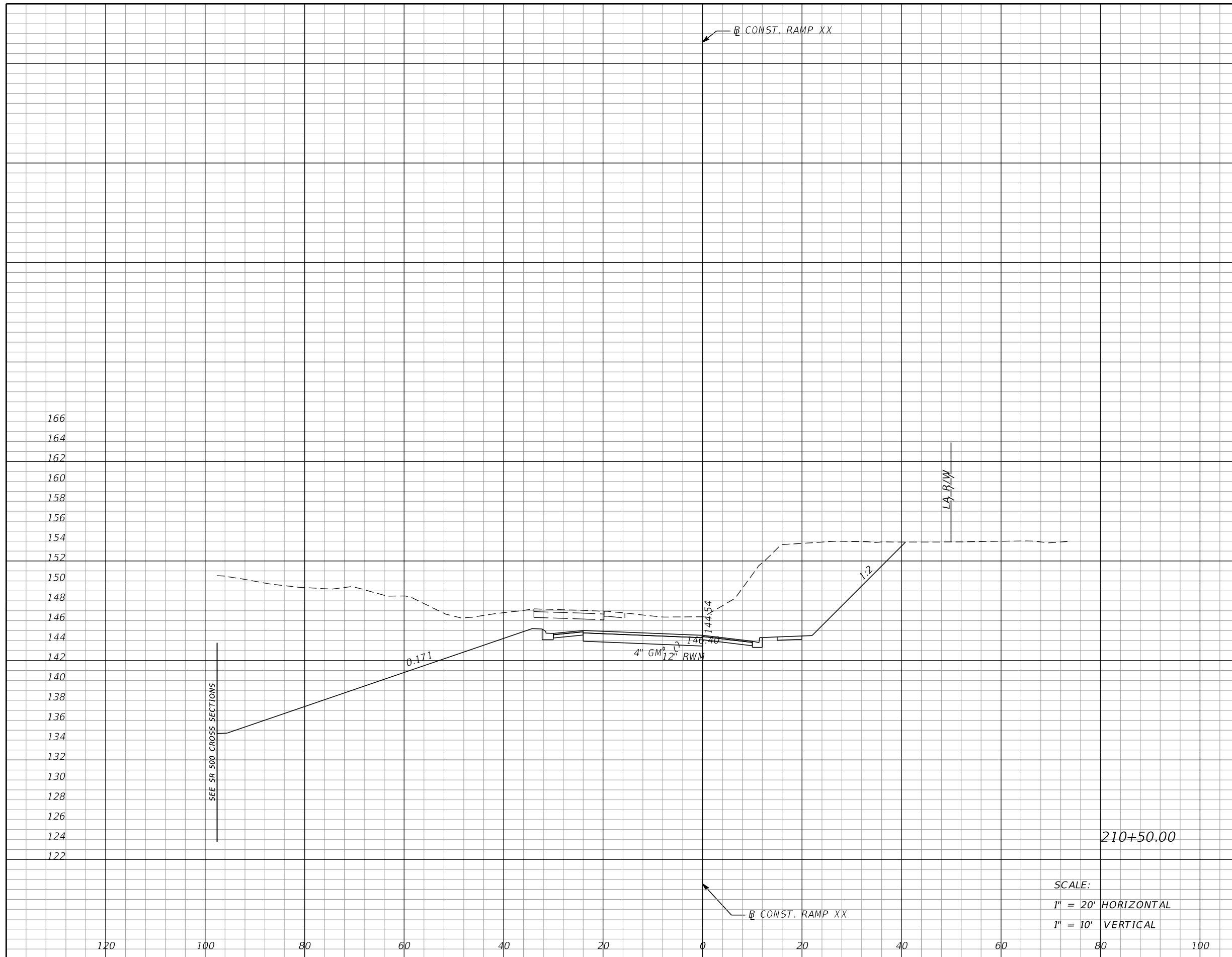
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1039	2077	0	0



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS RAMP XX	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE		238275-2-52-01

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	884	1781	0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

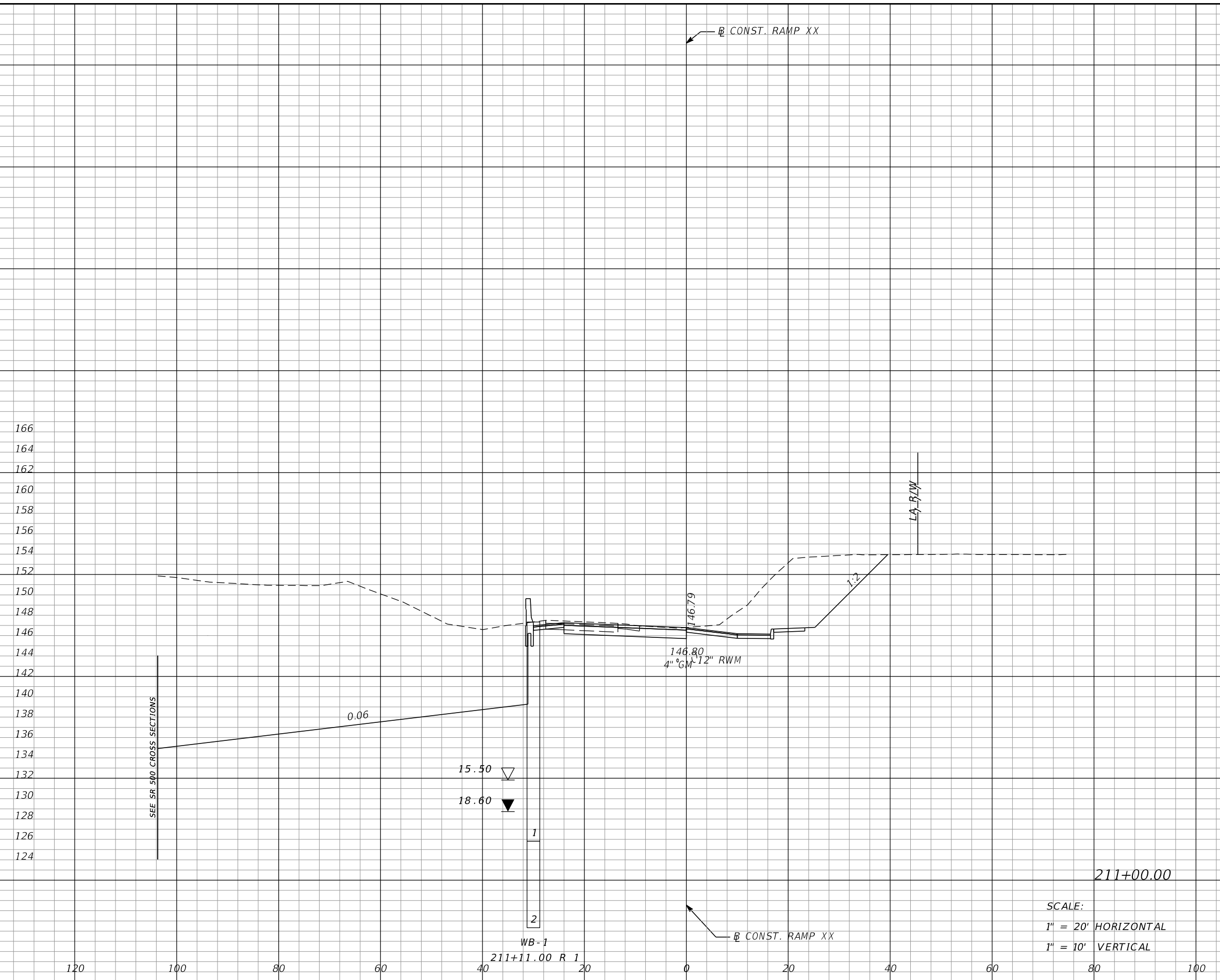
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS RAMP XX		SHEET NO.
		352

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1101	1838	0	0



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

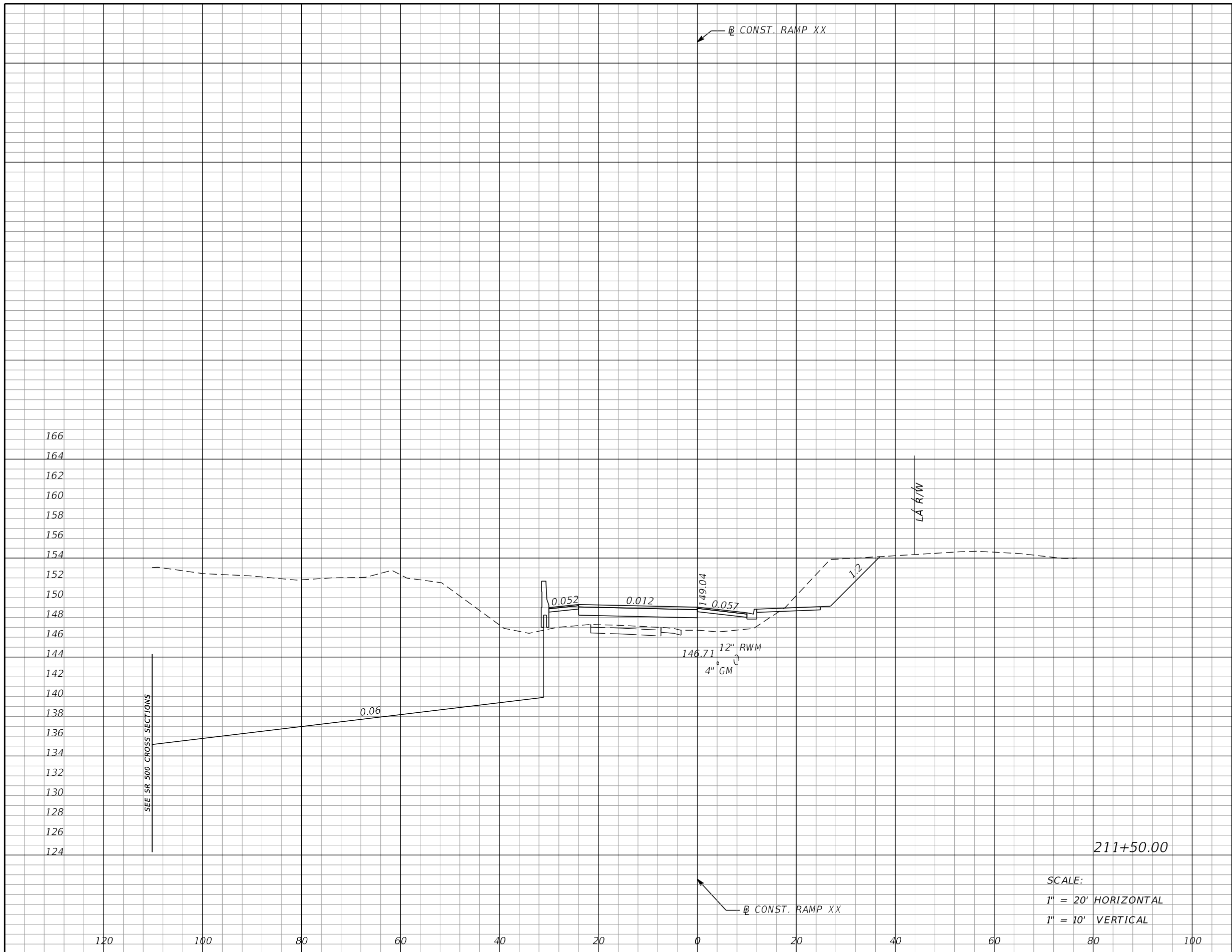
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**CROSS SECTIONS
RAMP XX**

SHEET NO.
353

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1126	2062	57	53

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

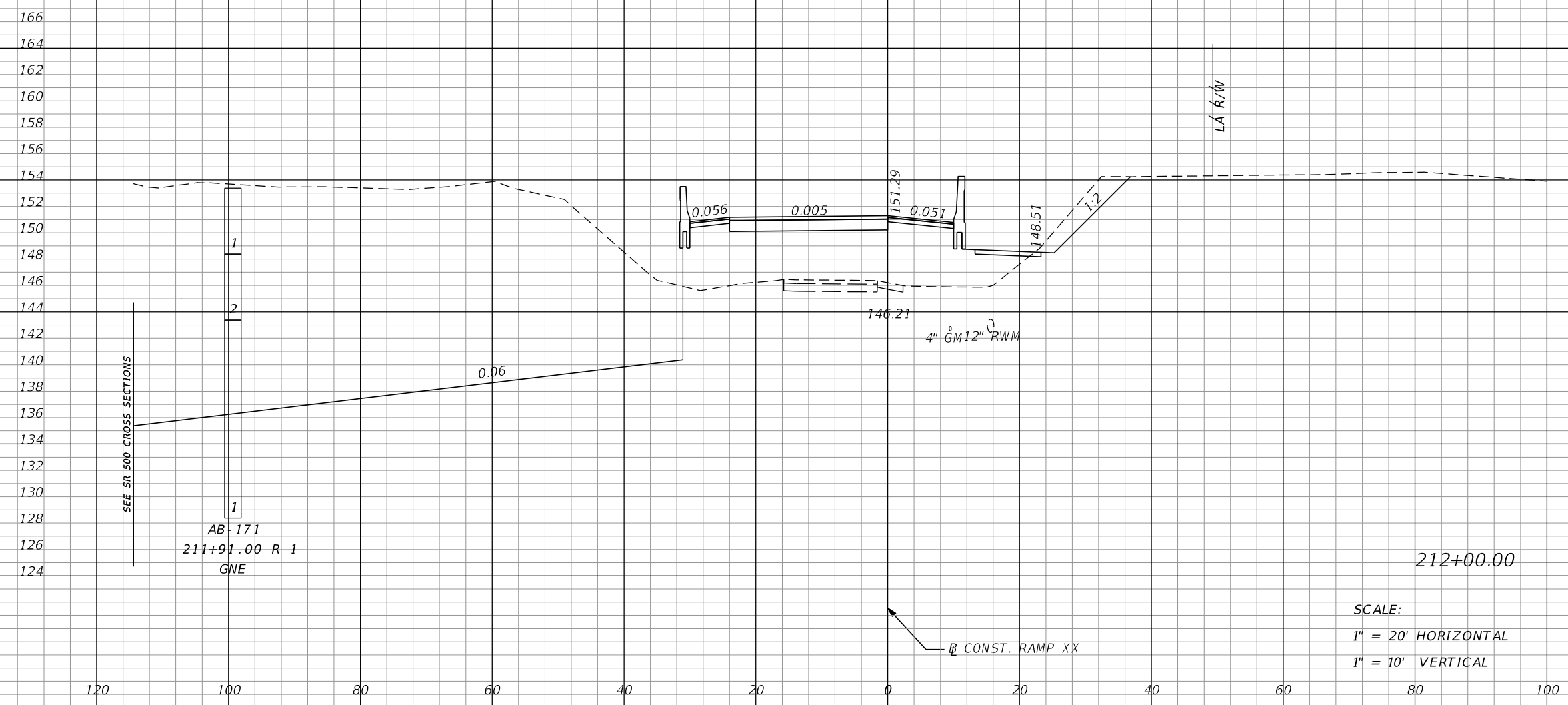
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
354

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1235	2186	193	231



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

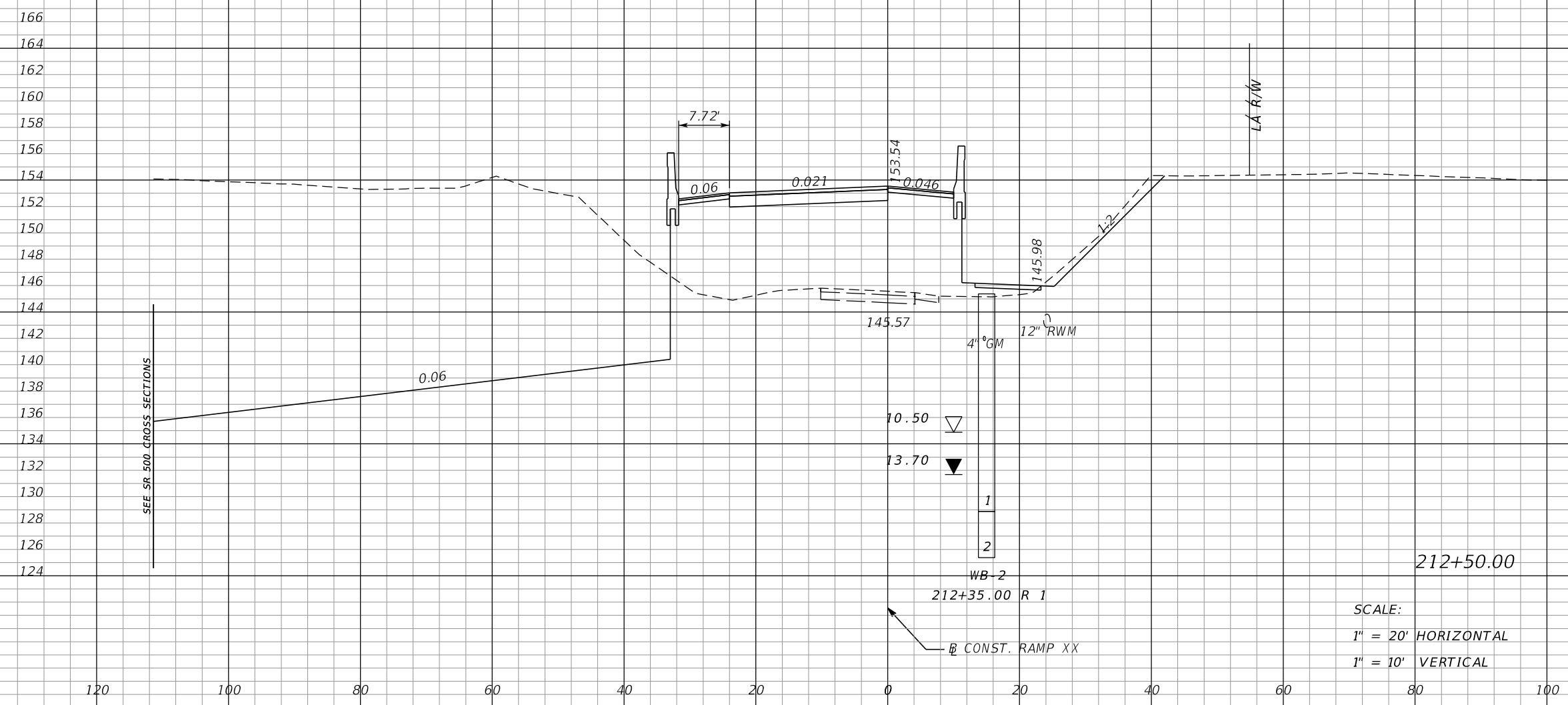
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
355

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1174	2231	309	465



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

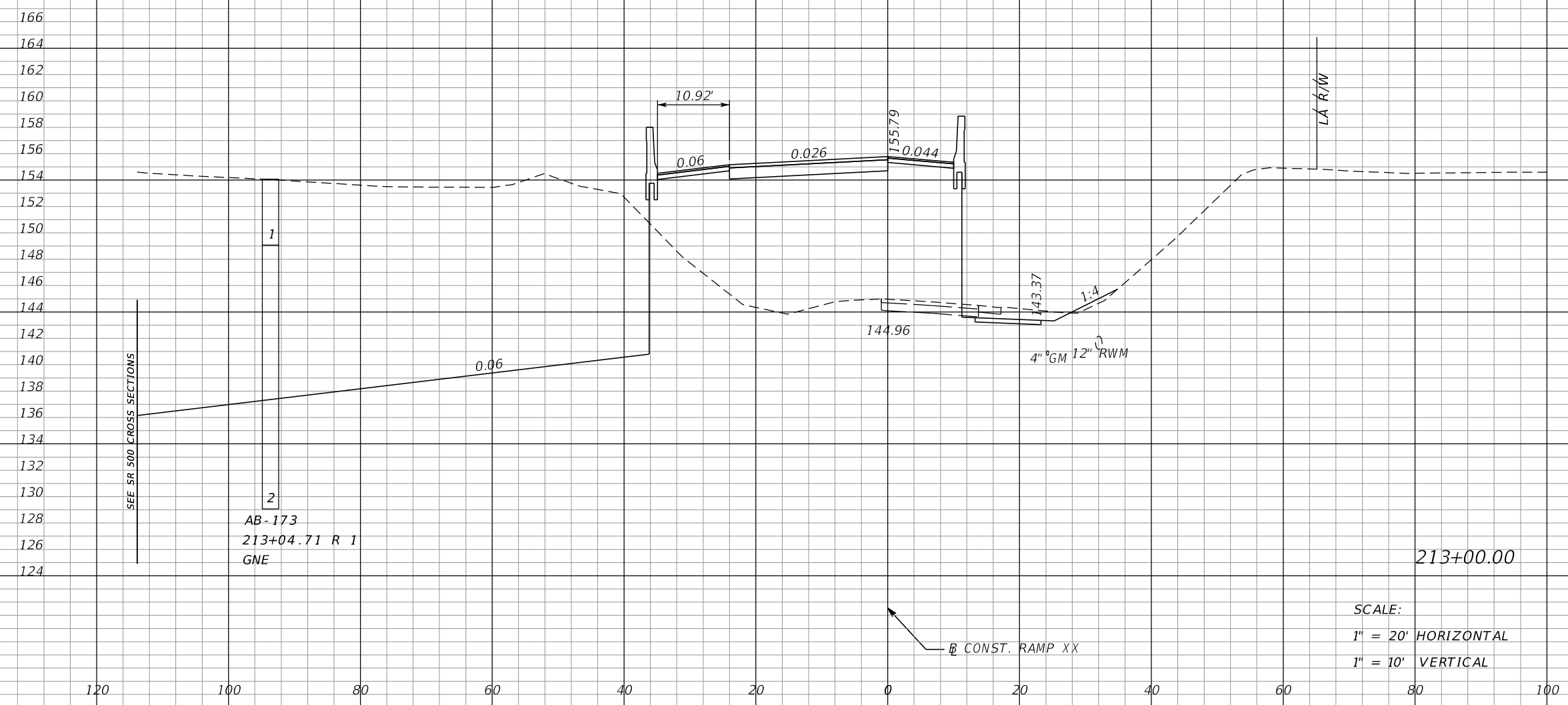
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
356

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1200	2198	432	686



SEE SR 500 CROSS SECTIONS

1
2
AB-173
213+04.71 R 1
GNE

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

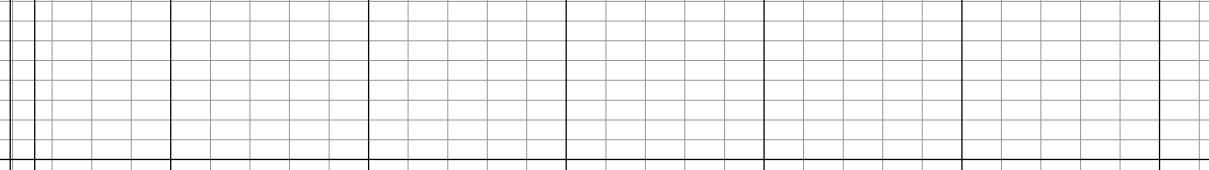
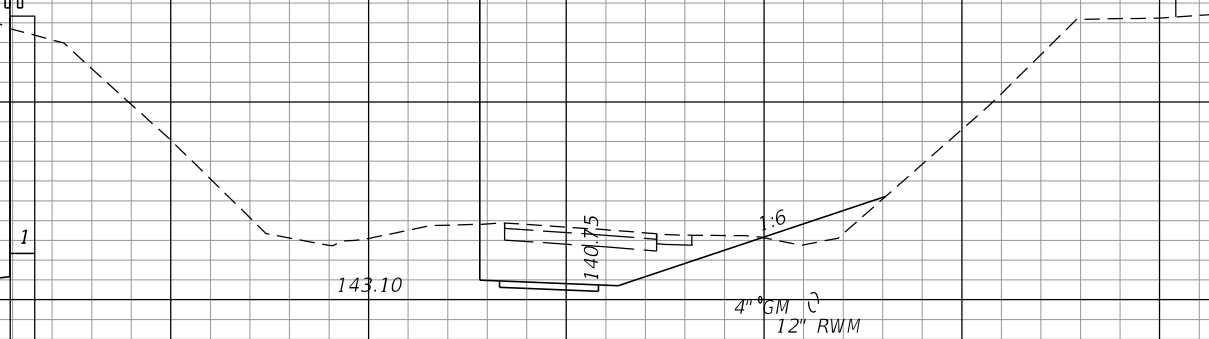
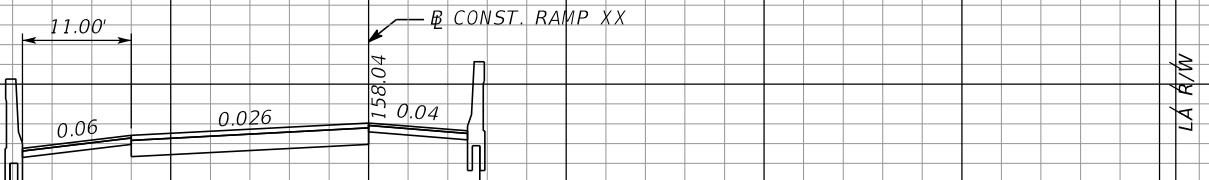
CROSS SECTIONS
RAMP XX

SHEET NO.
357

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

166
164
162
160
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128
126
124

SEE SR 500 CROSS SECTIONS



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1231	2251	493	856

213+50.00

WB-3
213+65.00 R 1
GNE

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

120 100 80 60 40 20 0 20 40 60 80 100

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

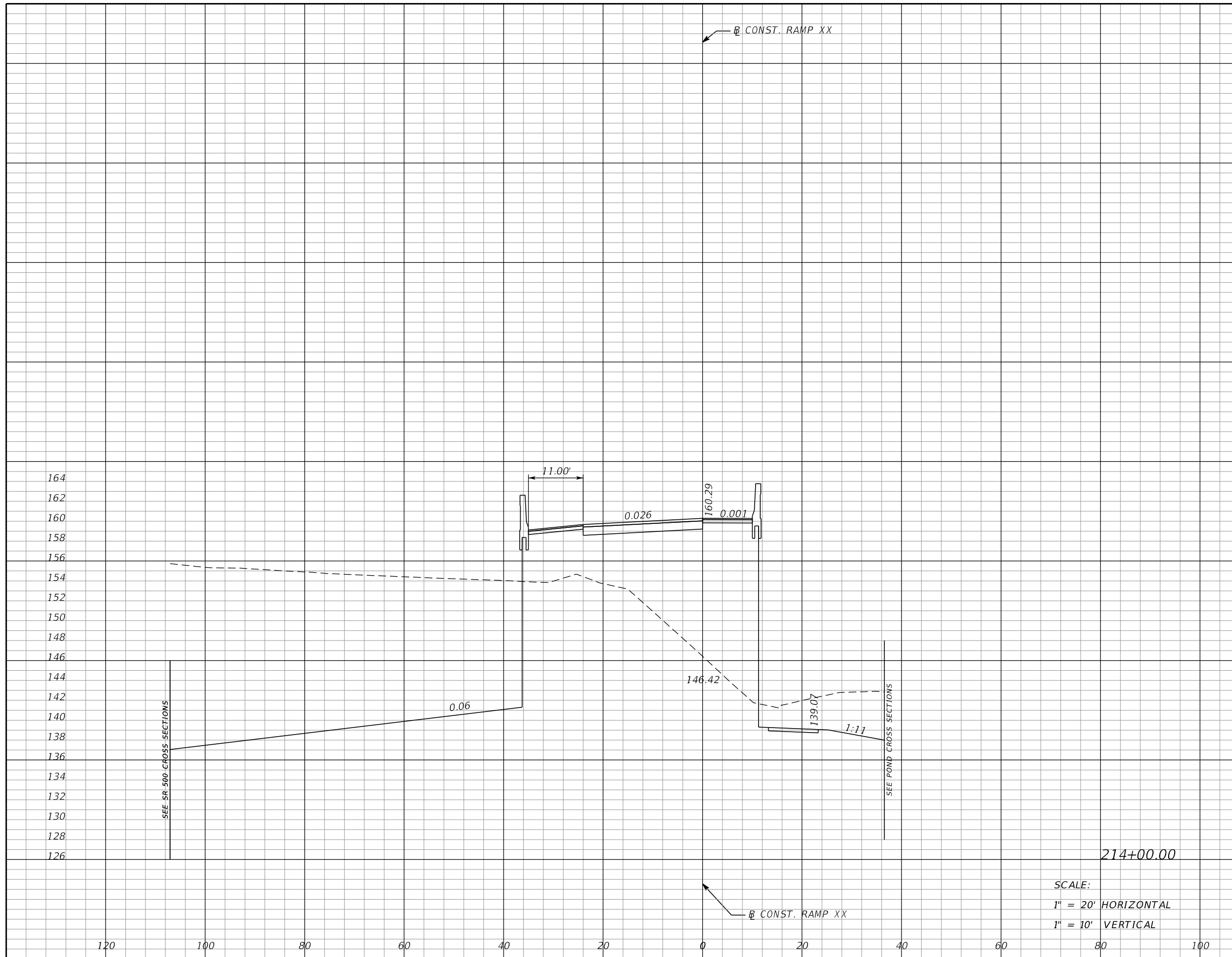
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
358

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

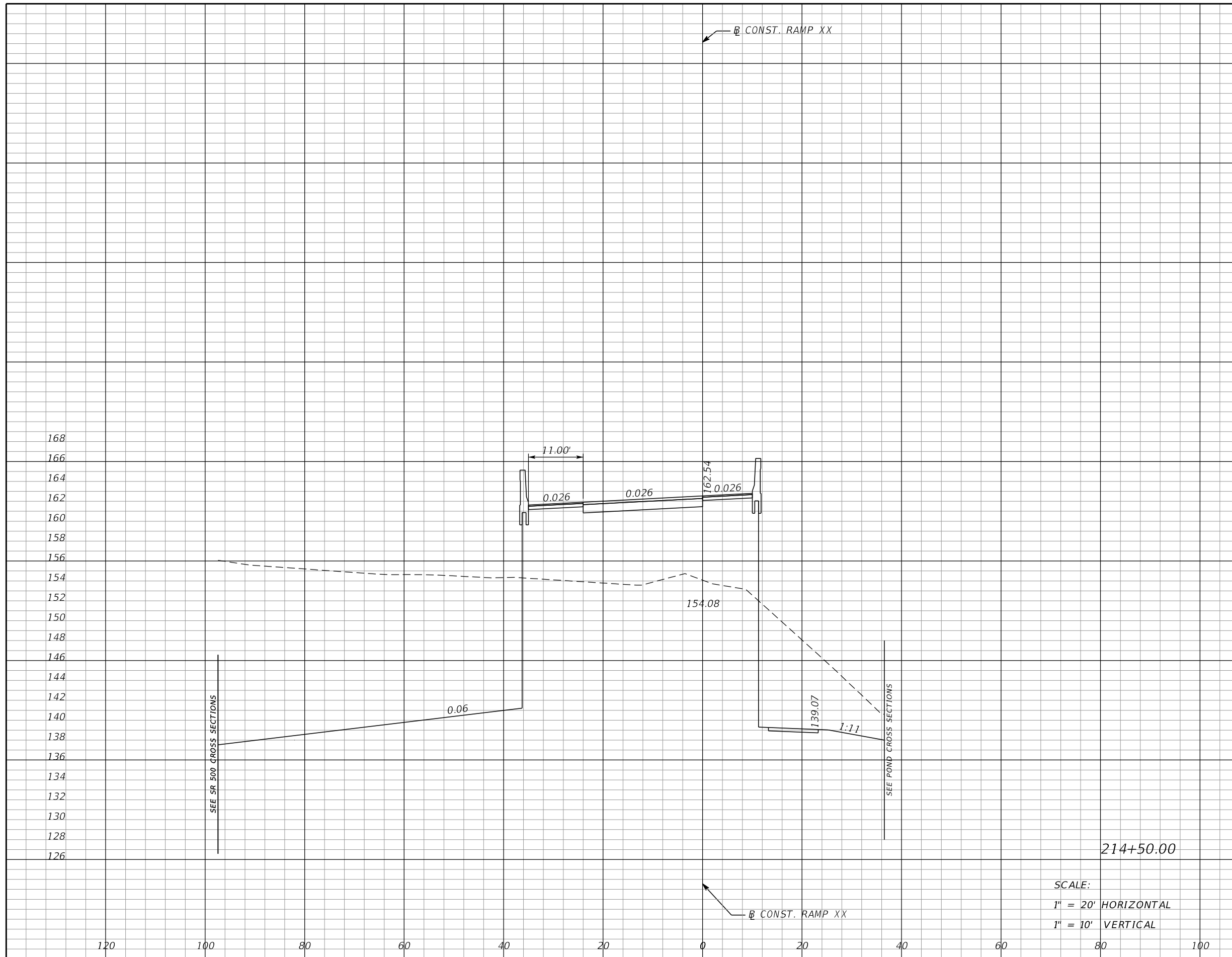


Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1189	2241	419	844

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS RAMP XX		SHEET NO.
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO.	COUNTY	FINANCIAL PROJECT ID			359
				SR 46			LAKE	238275-2-52-01				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1140	2156	358	719

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

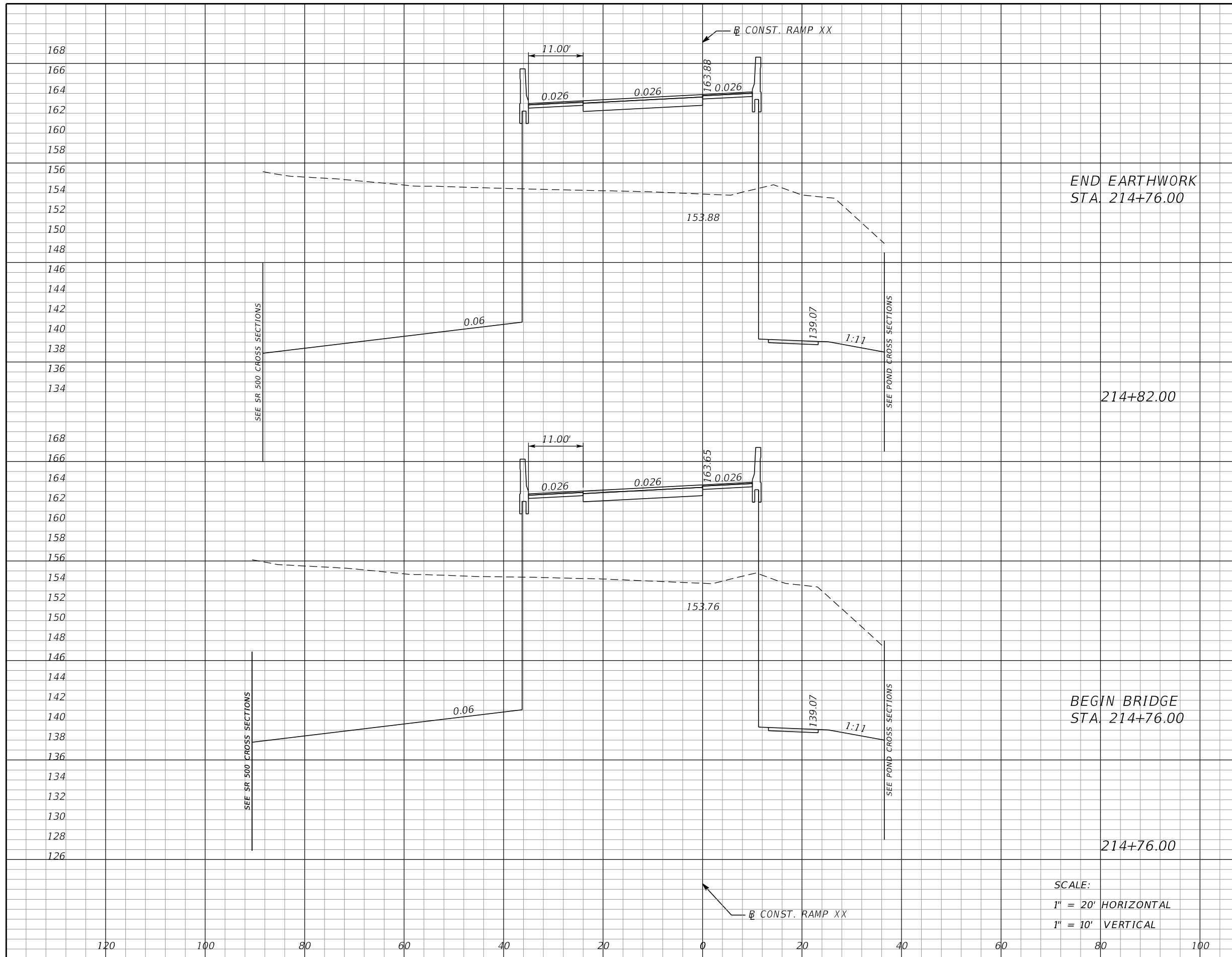
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
360

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1171	261	409	90
0	0	1181	1118	398	364

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

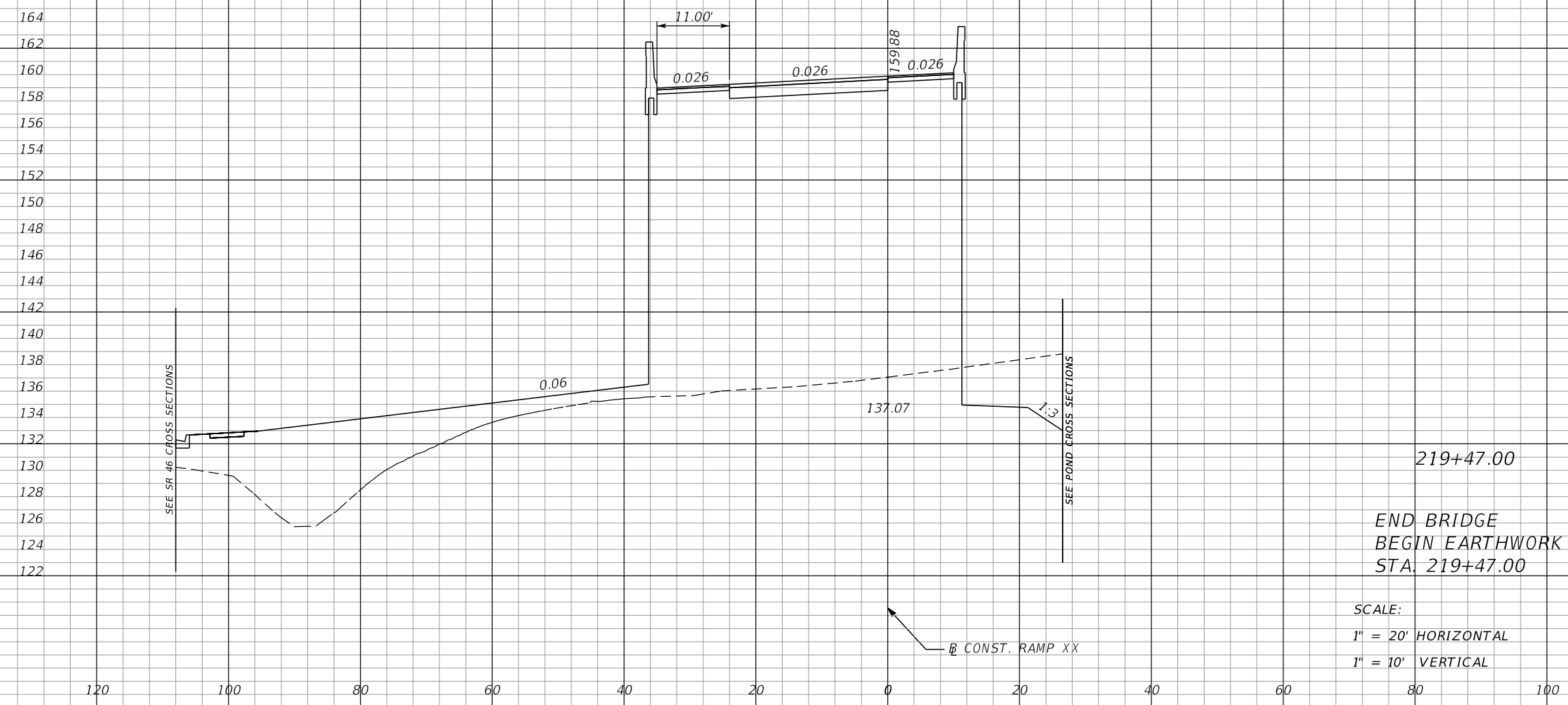
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
361

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	58	0	1284	0



219+47.00
 END BRIDGE
 BEGIN EARTHWORK
 STA. 219+47.00

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

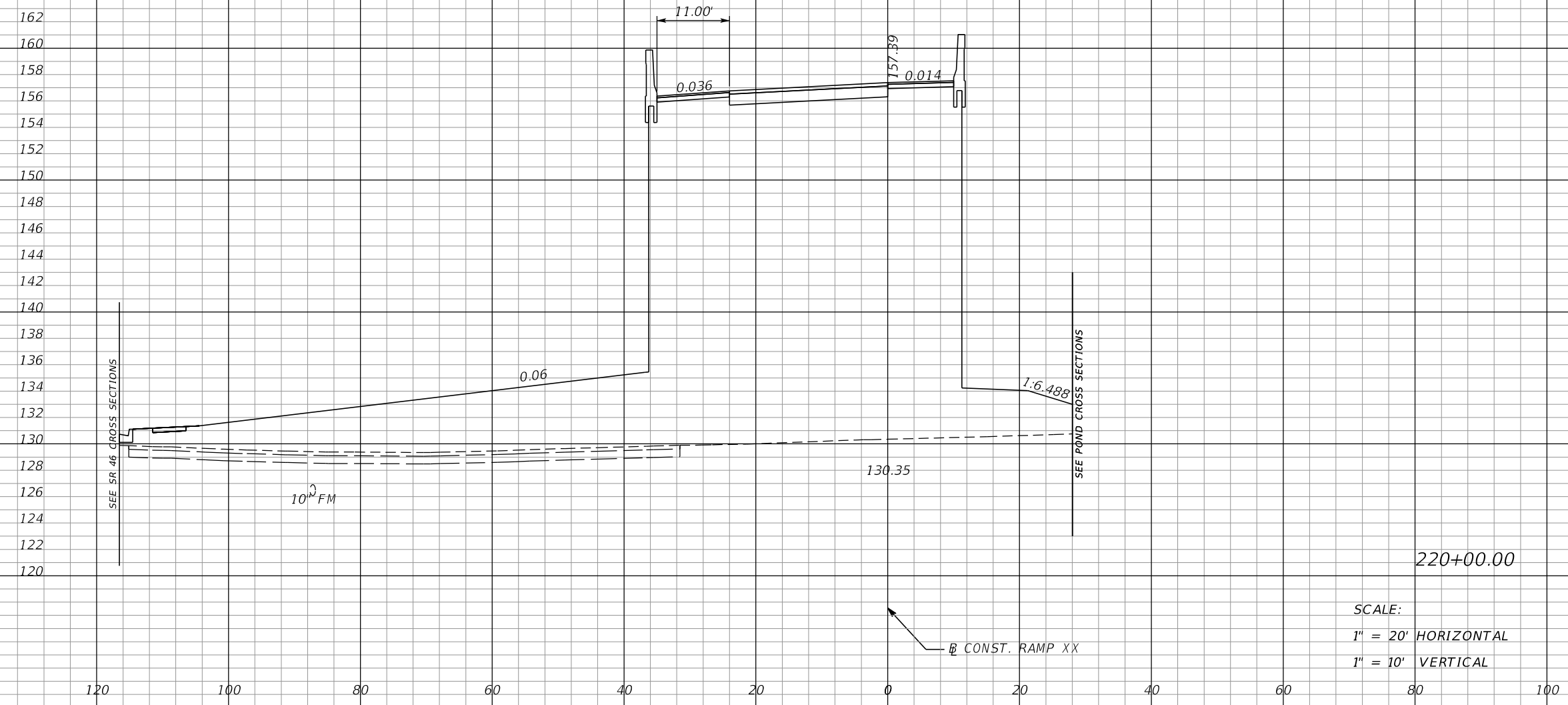
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
 362

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	57	1573	2804



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

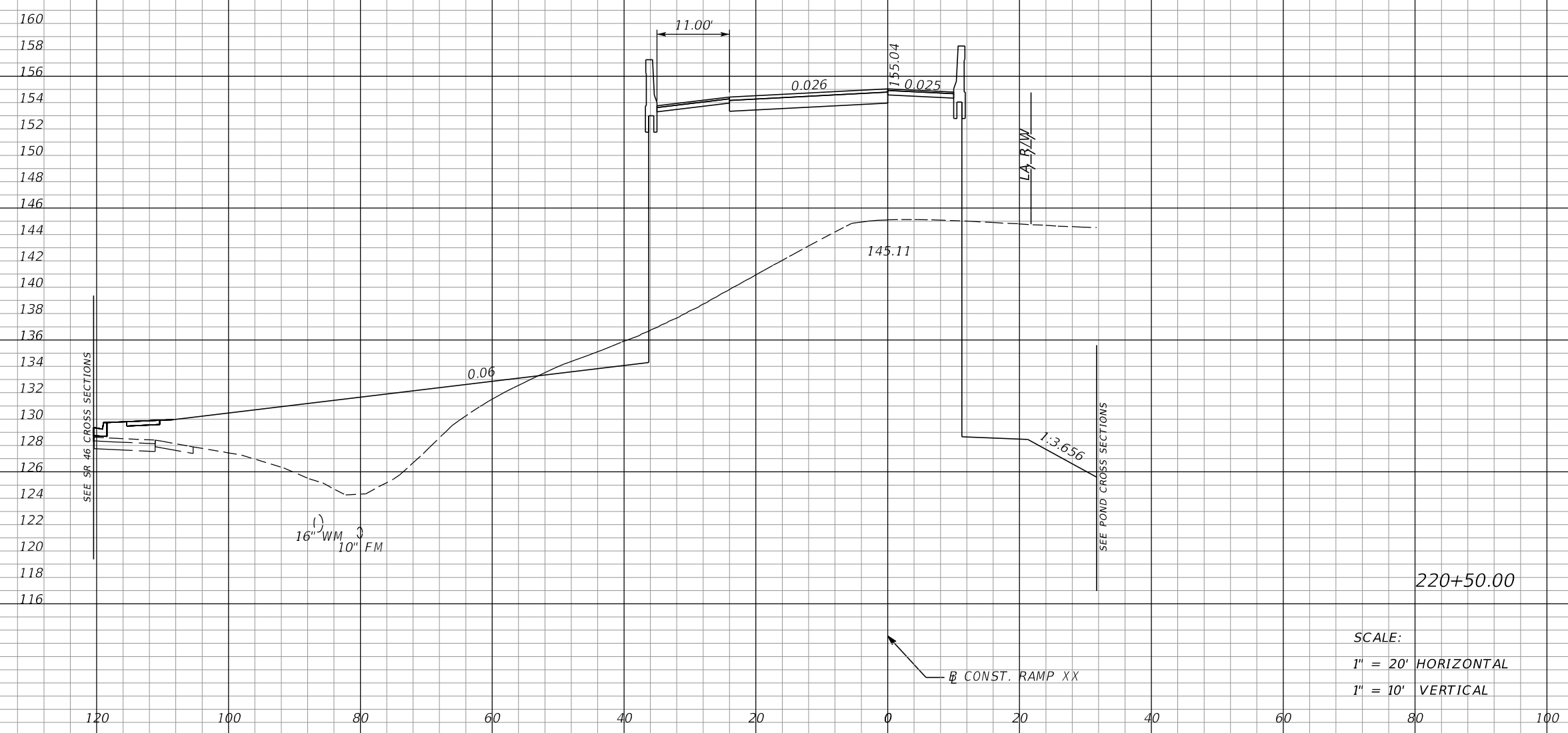
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

<p>CROSS SECTIONS RAMP XX</p>	<p>SHEET NO. 363</p>
---	---------------------------------

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

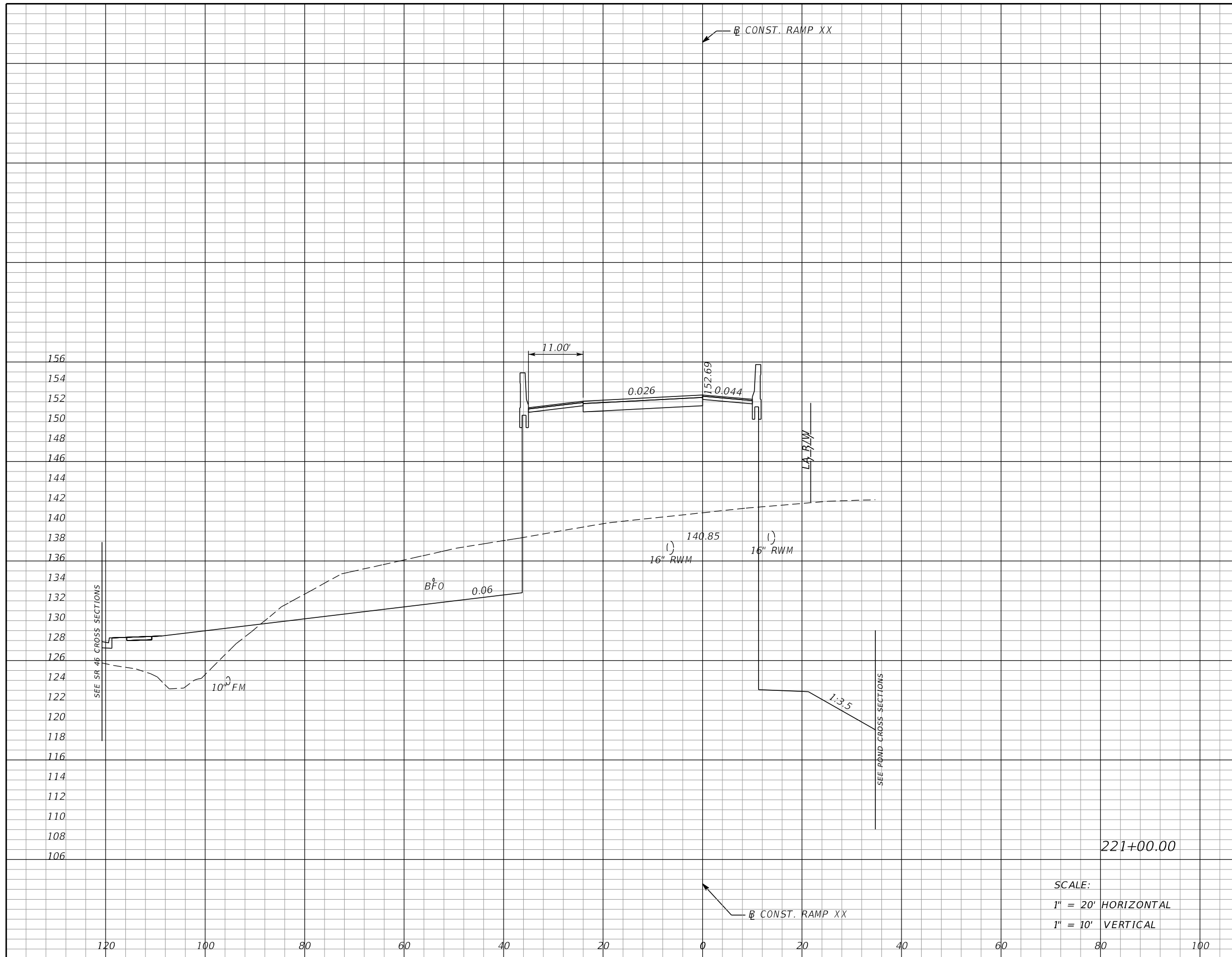
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	367	340	781	2180



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

DATE		DESCRIPTION		DATE		DESCRIPTION		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS RAMP XX	SHEET NO. 364
								ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	687	976	641	1317

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

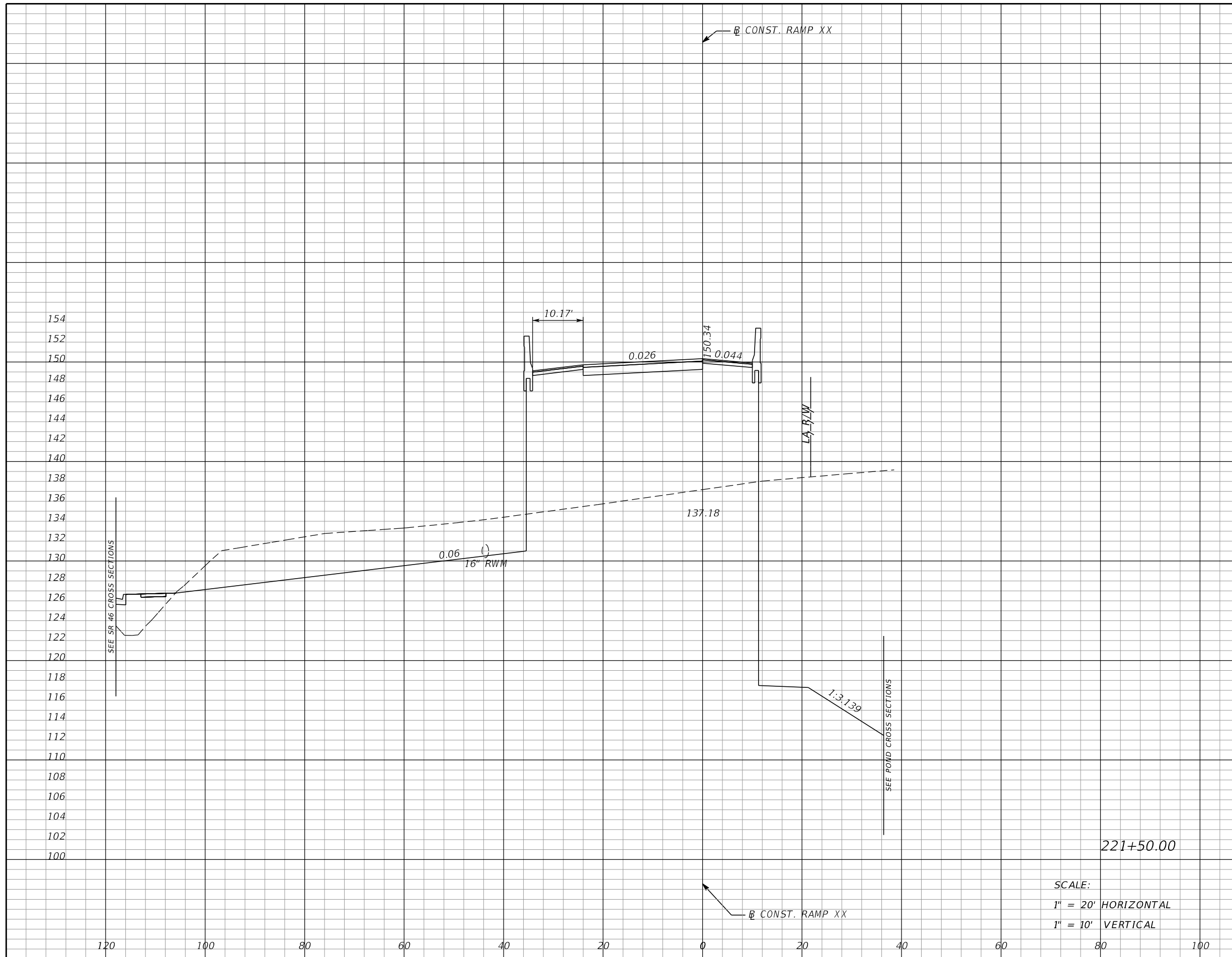
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS RAMP XX		SHEET NO.
		365

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	823	1398	624	1171

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

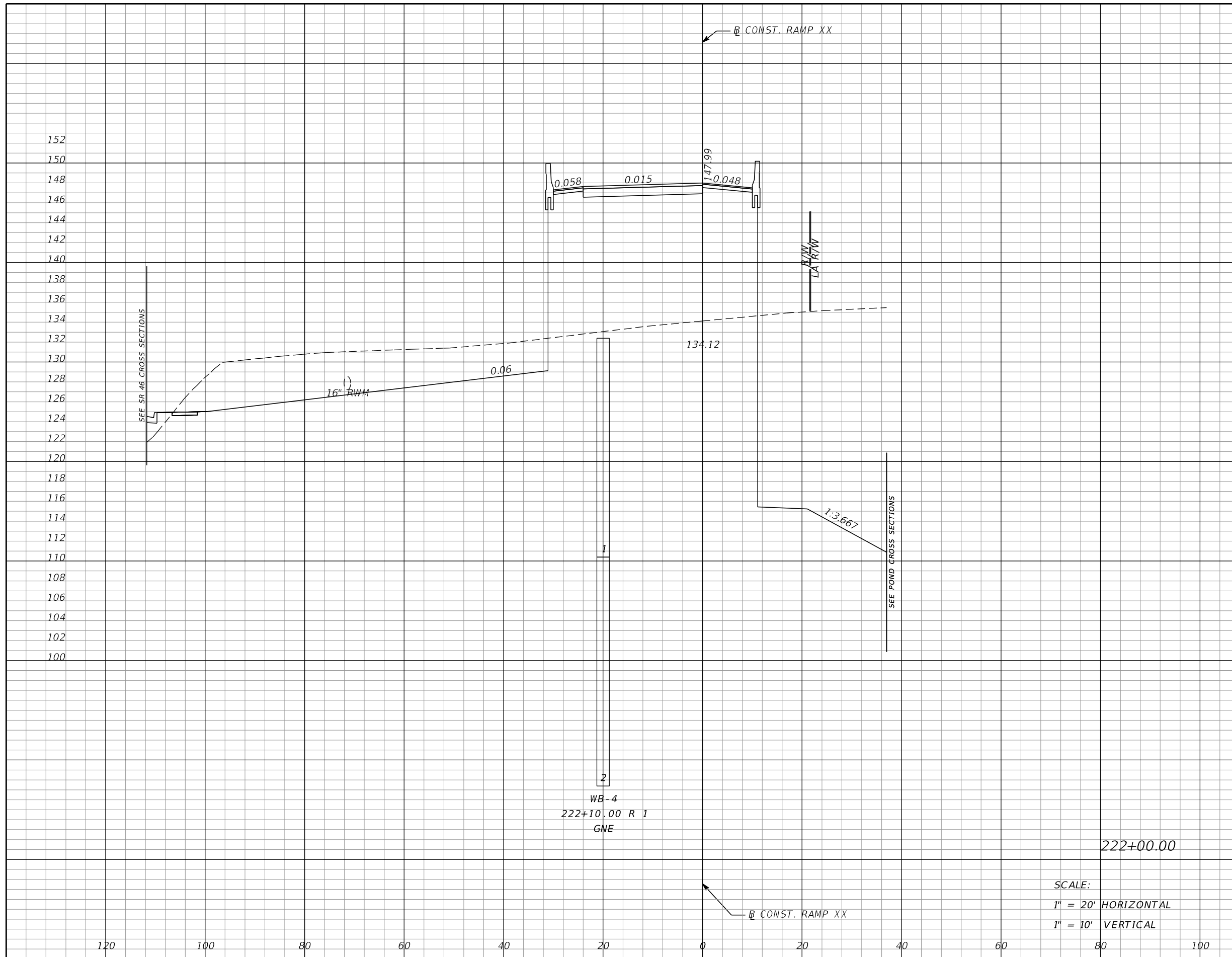
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
366

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	838	1538	566	1102

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

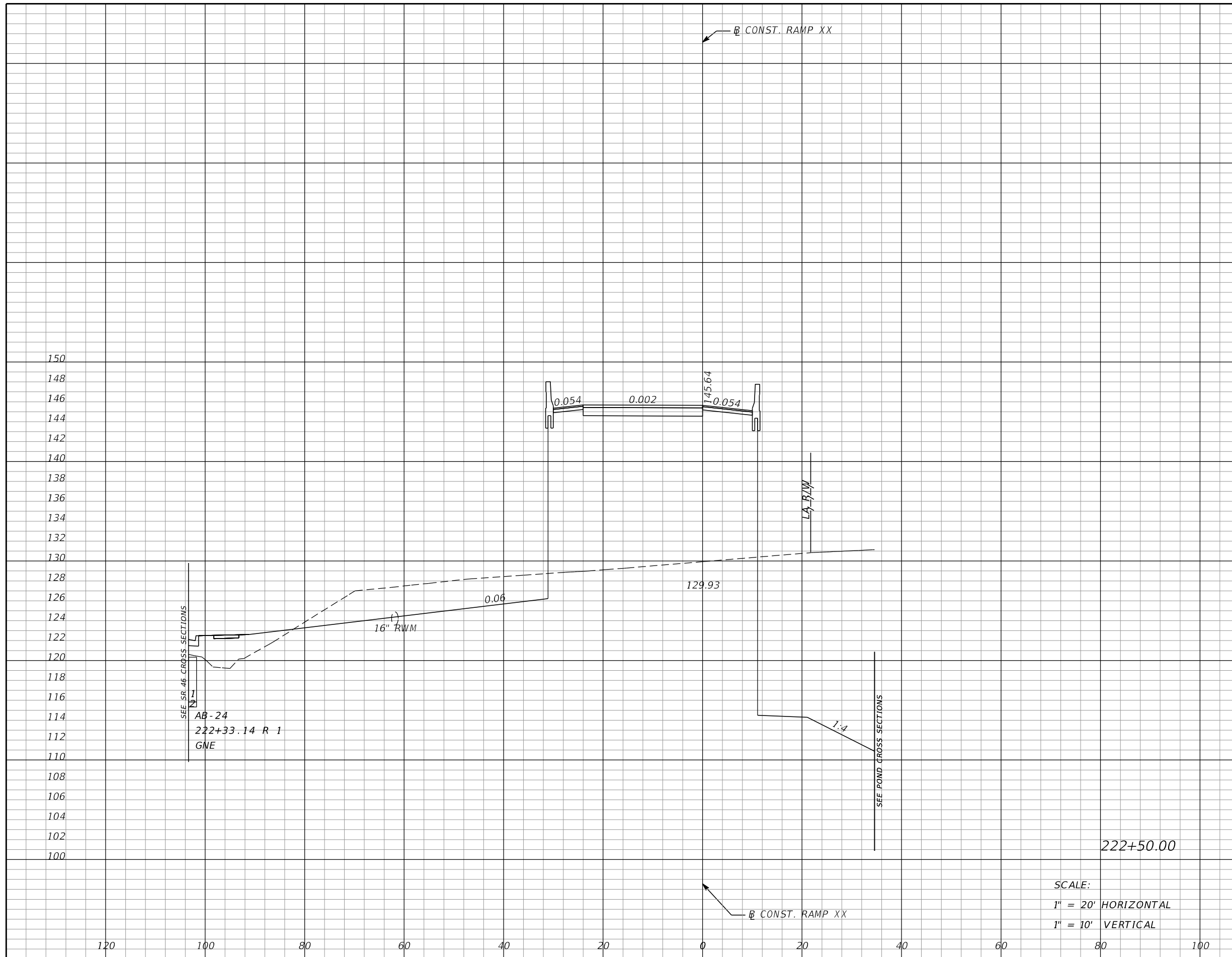
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS RAMP XX		SHEET NO.
		367

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	542	1278	677	1151

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

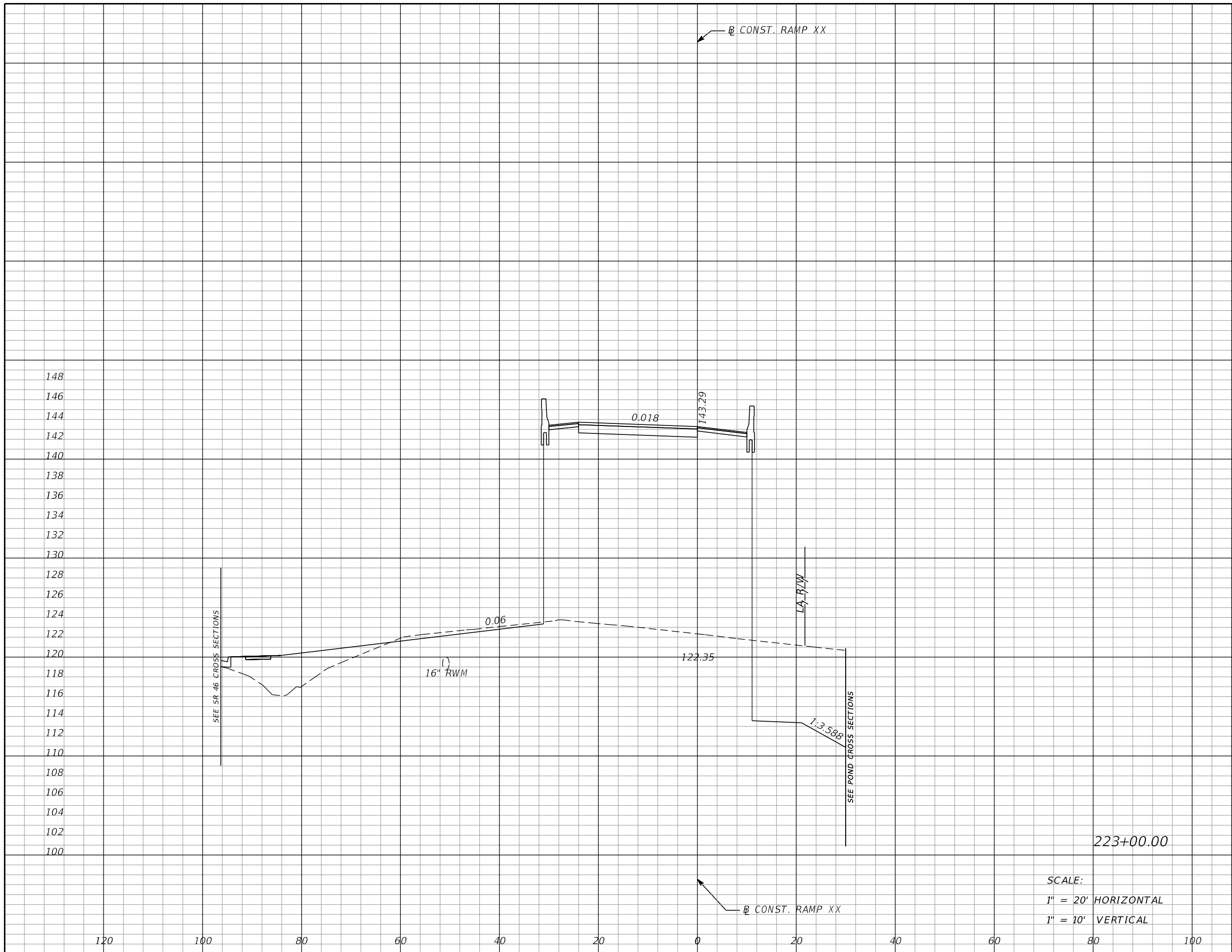
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
368

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

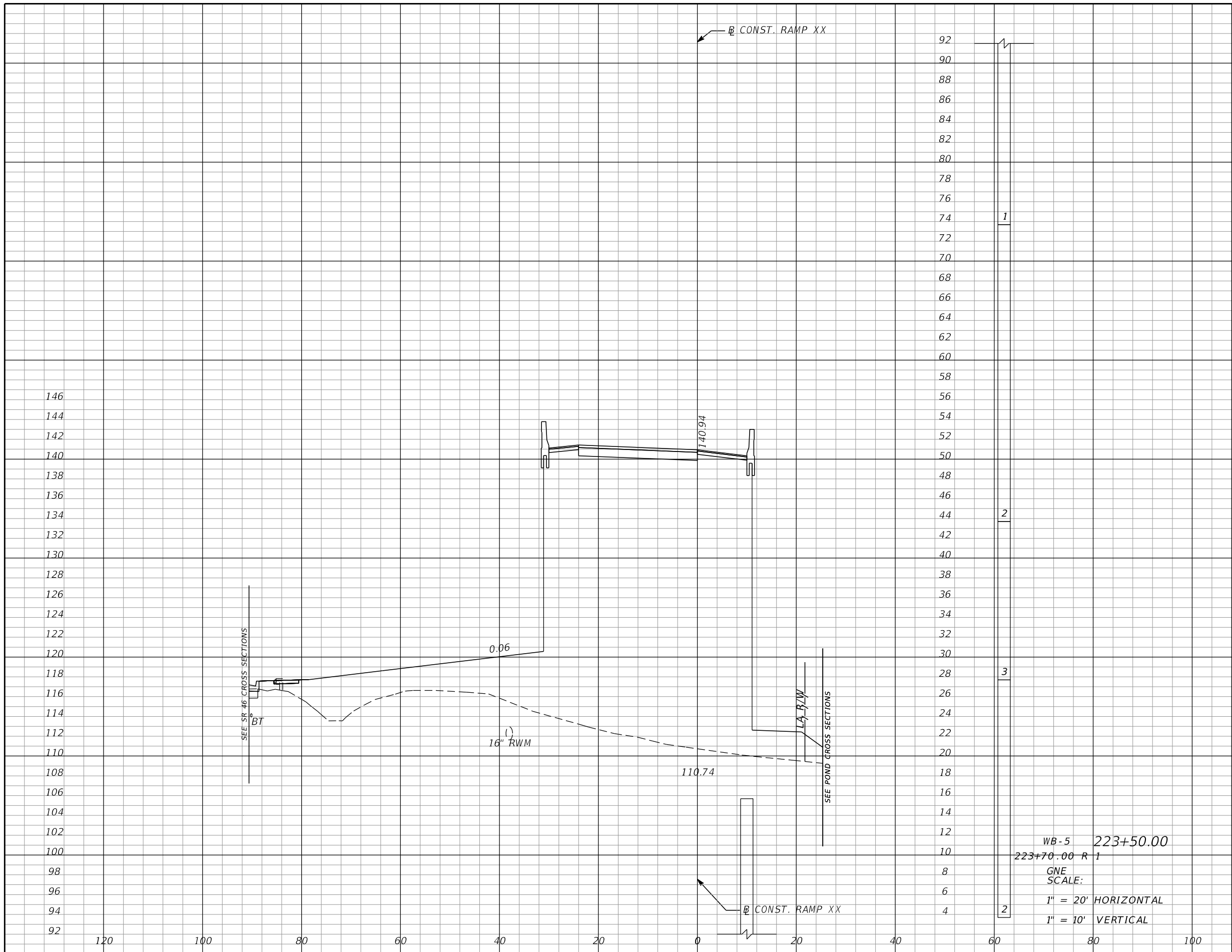


Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	167	656	894	1455

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 369		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01		CROSS SECTIONS RAMP XX	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	155	1416	2139

WB-5 223+50.00
 223+70.00 R 1
 GNE
 SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

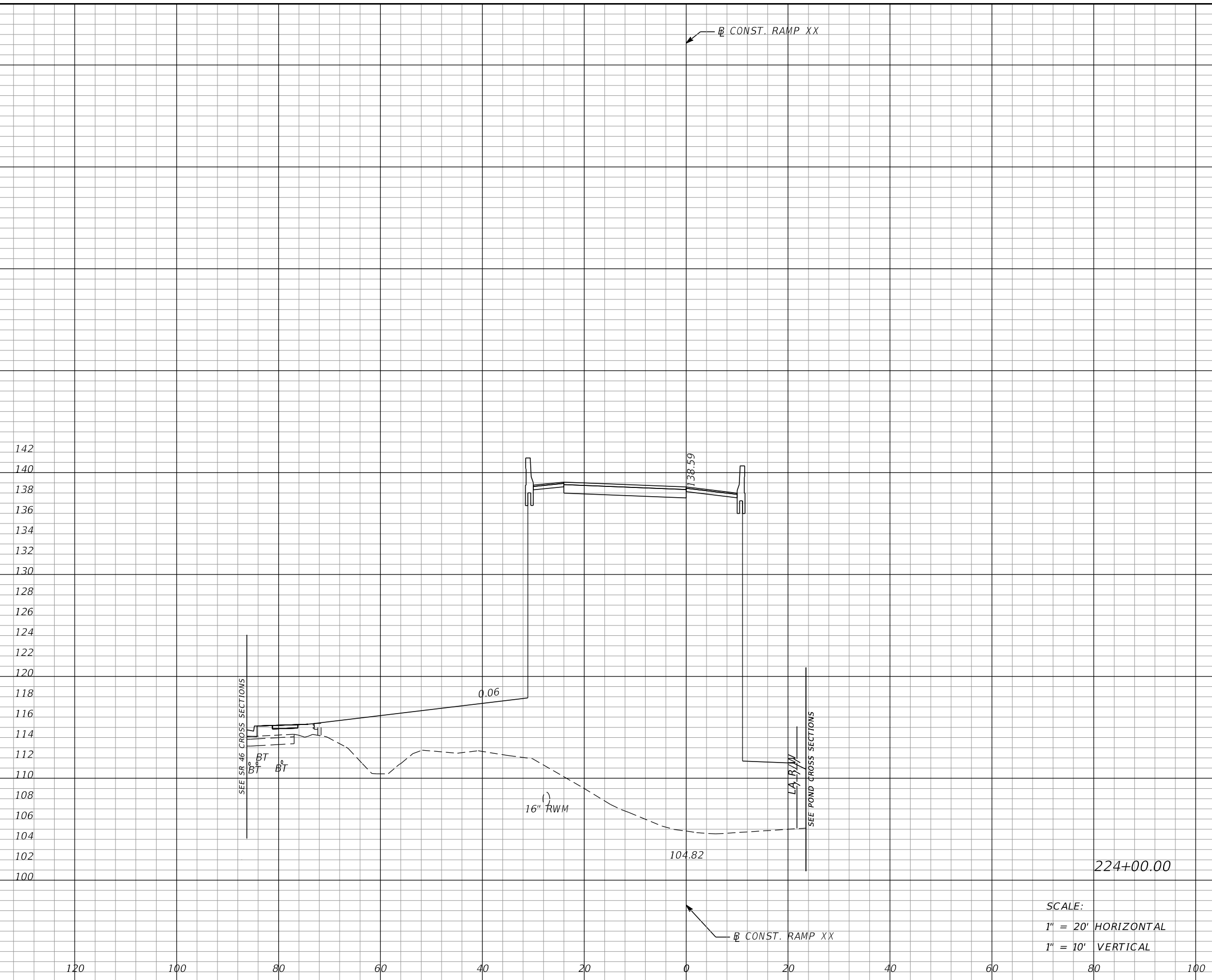
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
370

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

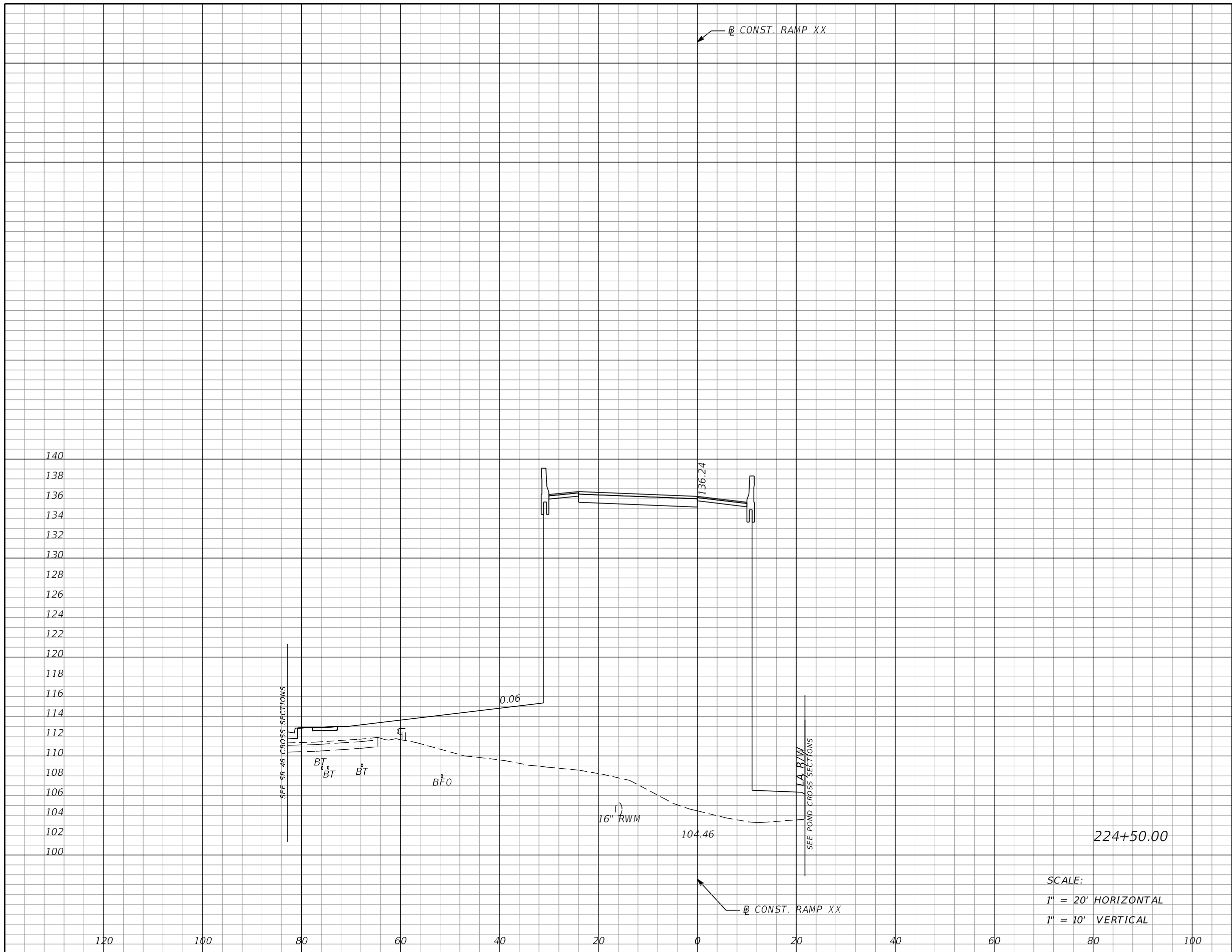
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	1567	2762



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

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REVISIONS															
DATE	DESCRIPTION														
ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003		ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01											

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	1417	2763

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

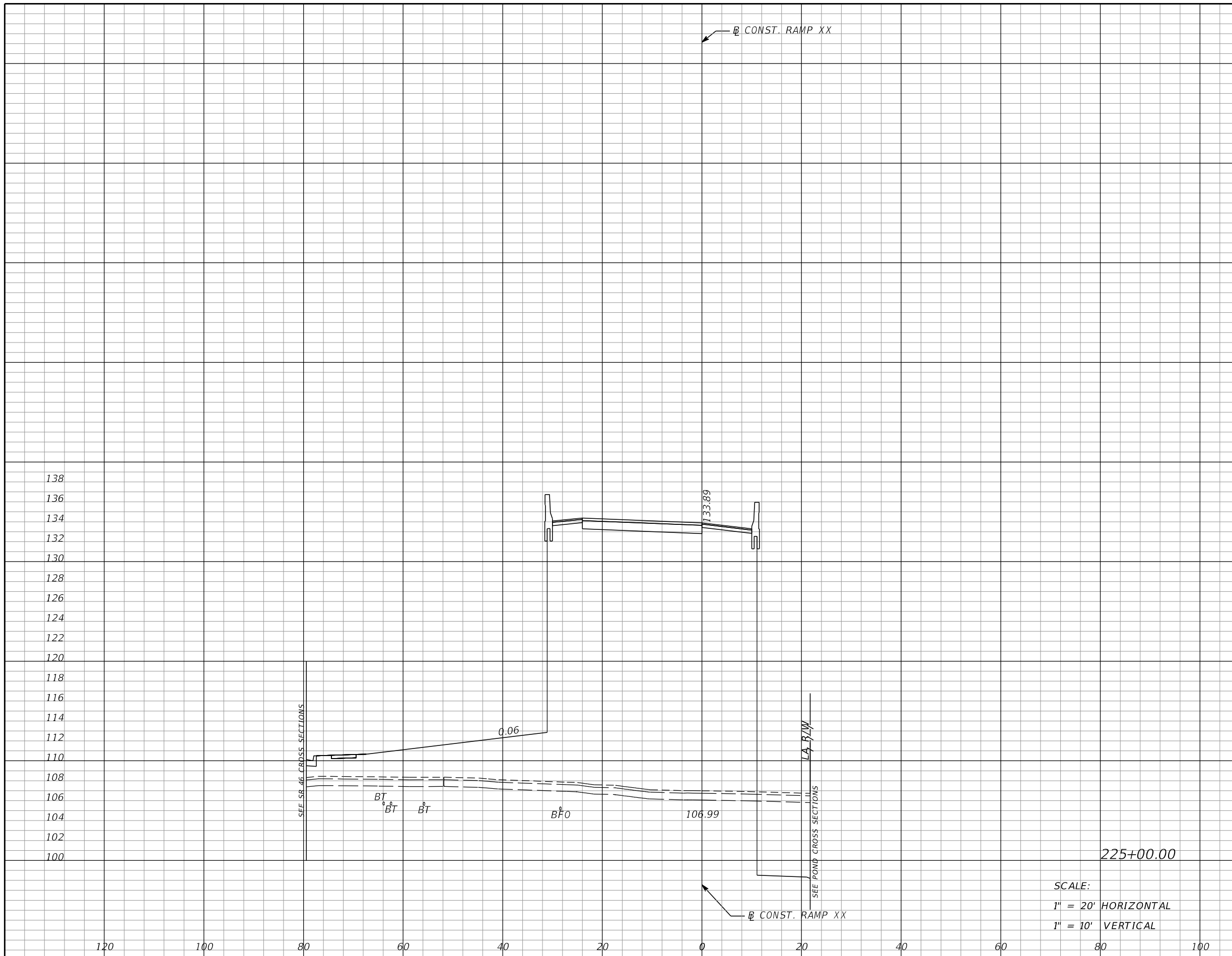
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**CROSS SECTIONS
RAMP XX**

SHEET NO.
372

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	90	83	1239	2459

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

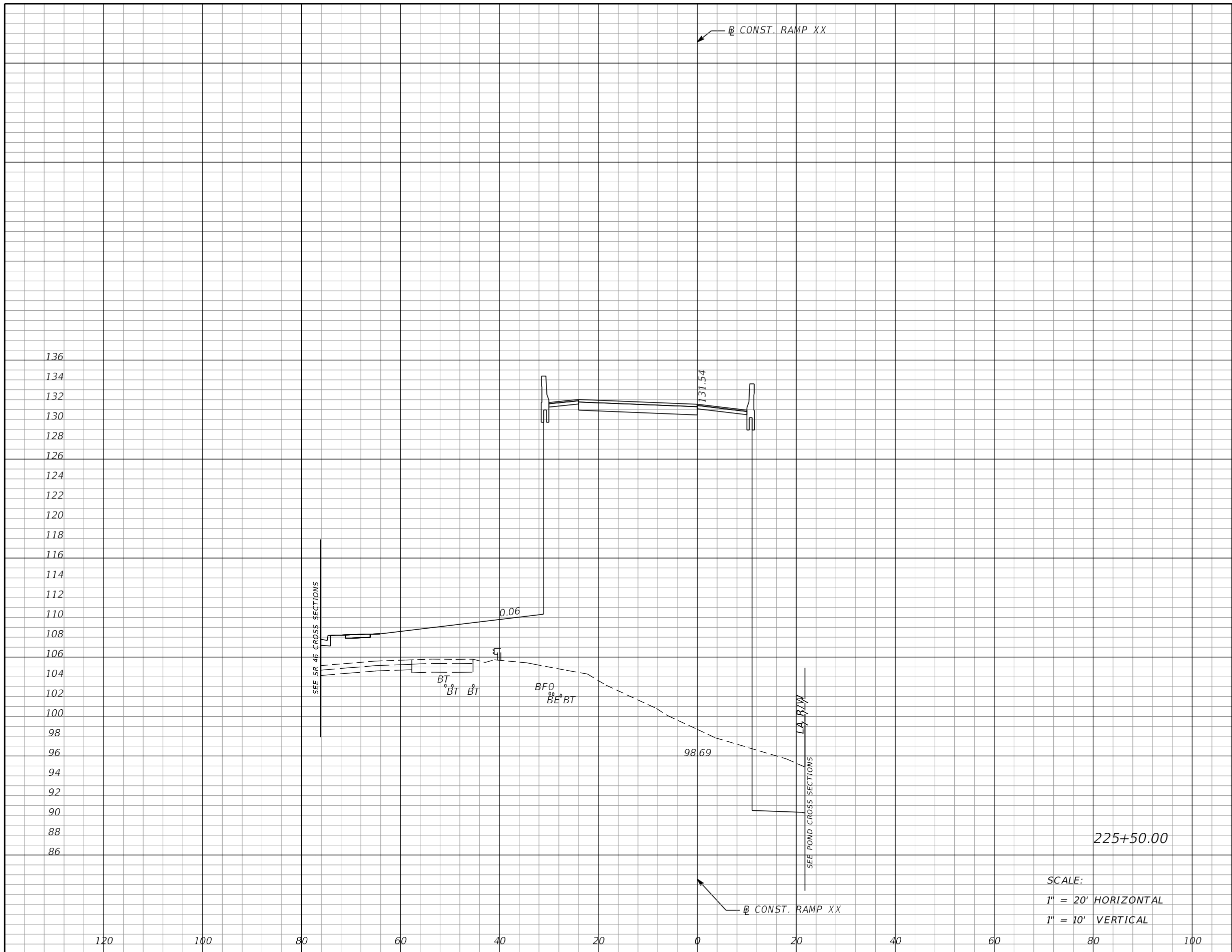
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
 373

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	59	138	1421	2463

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

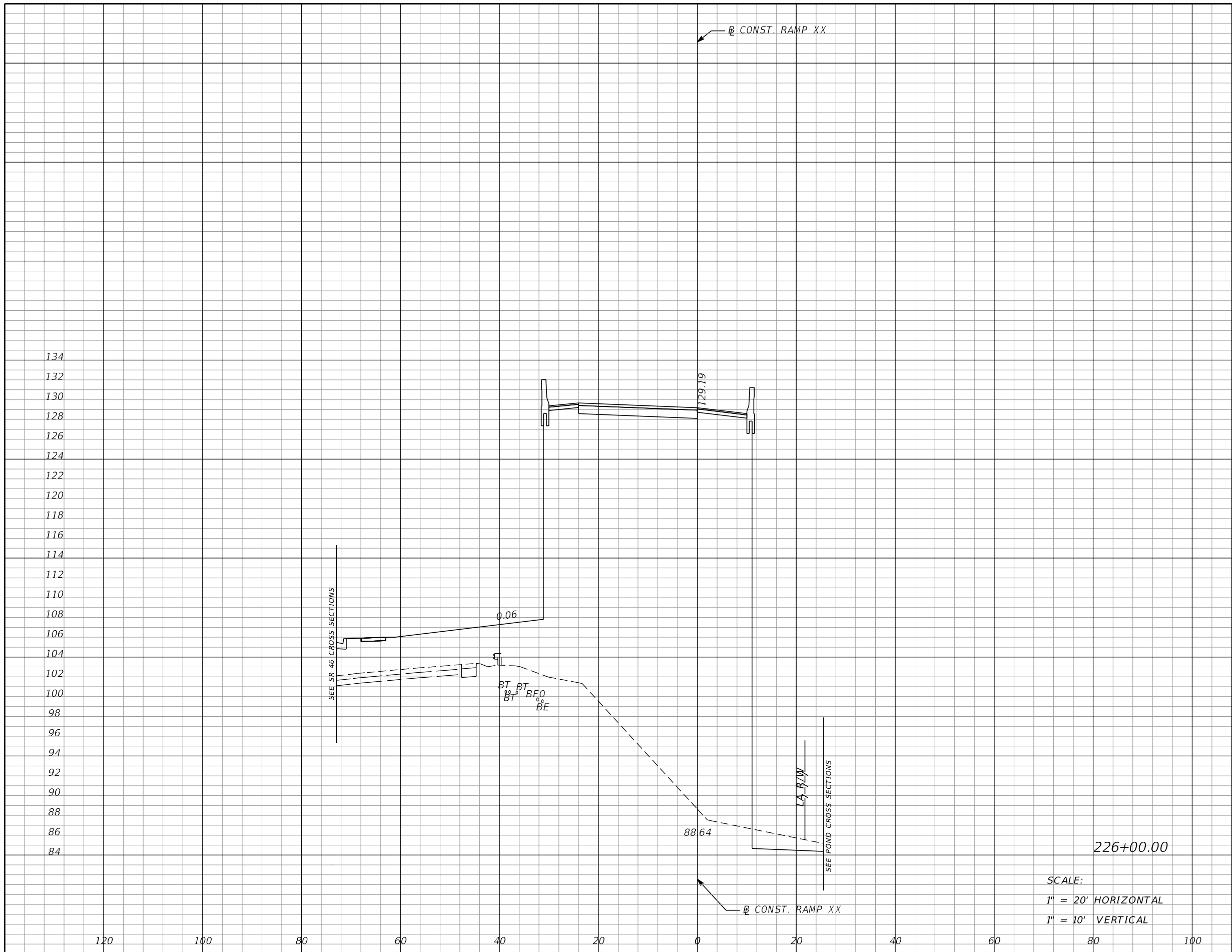
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
374

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	20	73	1615	2811

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

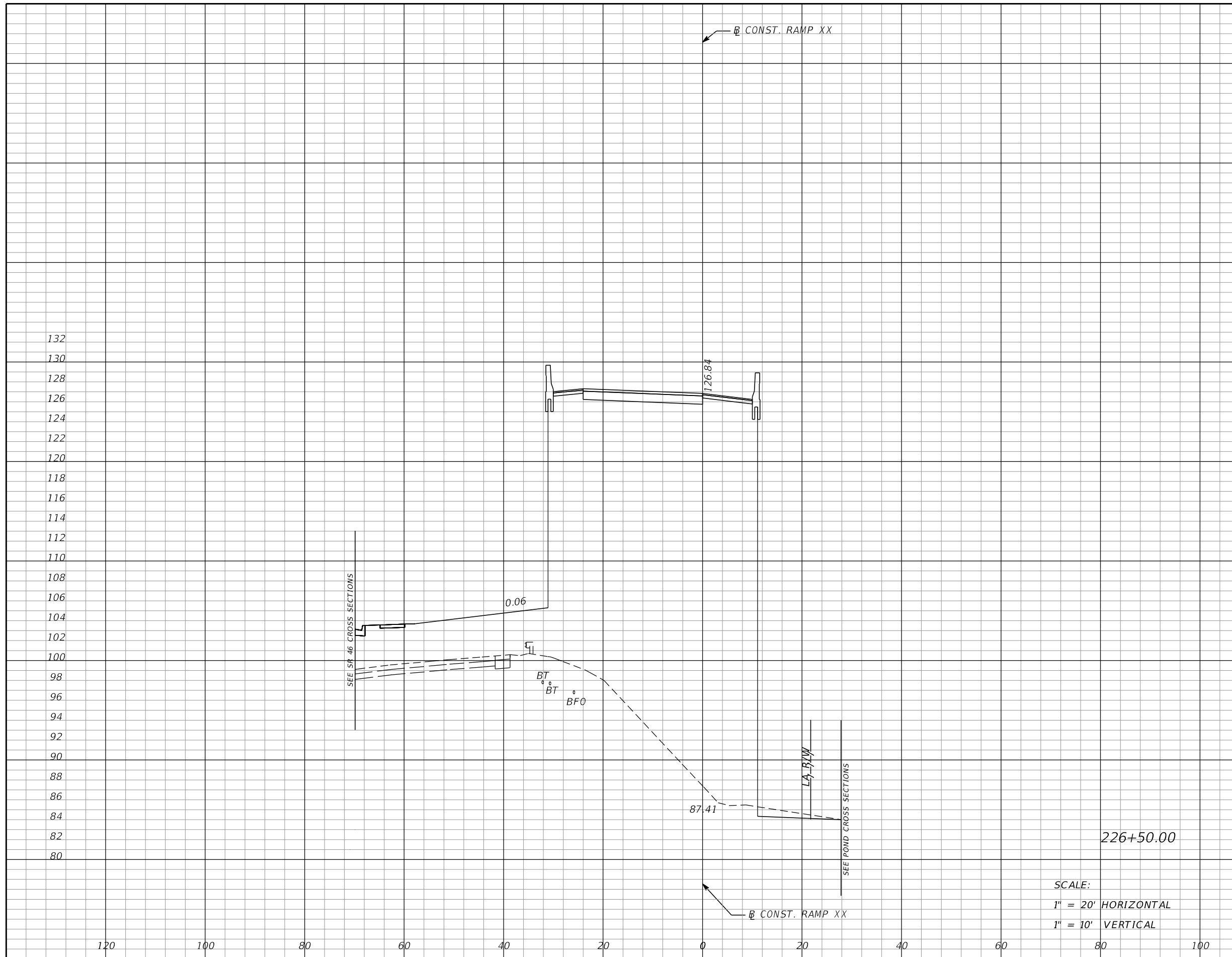
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
375

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	8	26	1584	2962

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

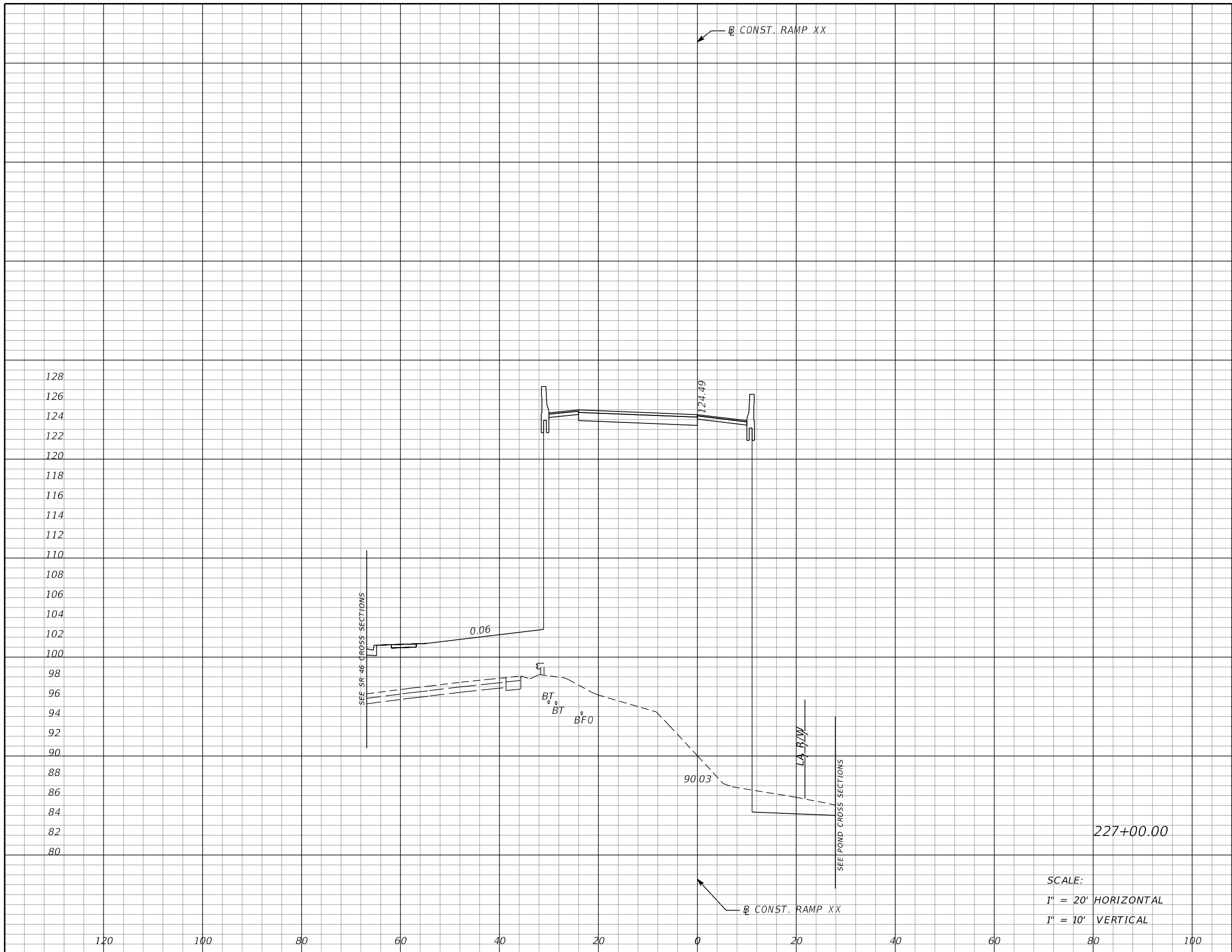
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
376

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	28	33	1458	2817

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

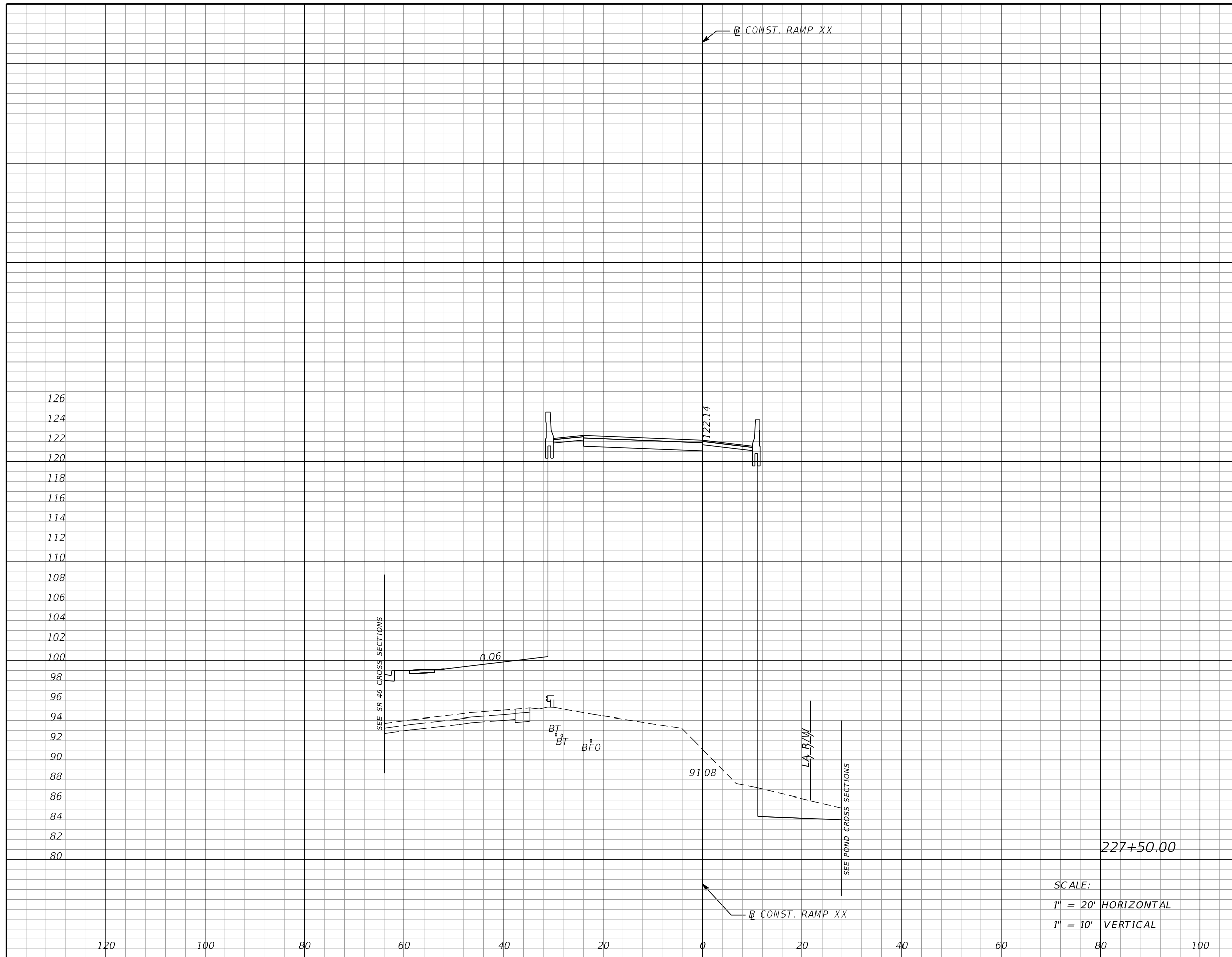
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
377

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	34	57	1389	2636

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

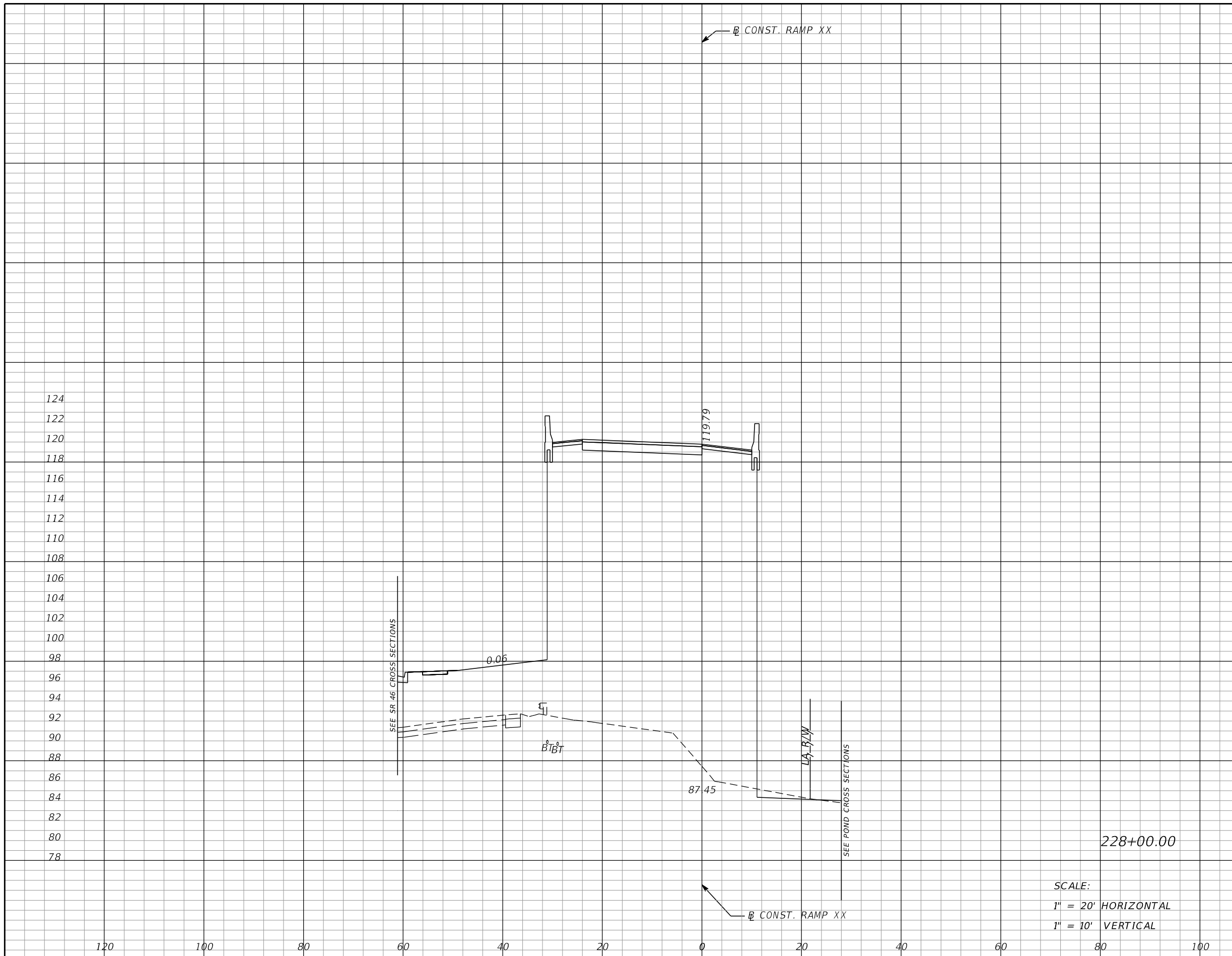
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
378

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	5	36	1403	2585

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

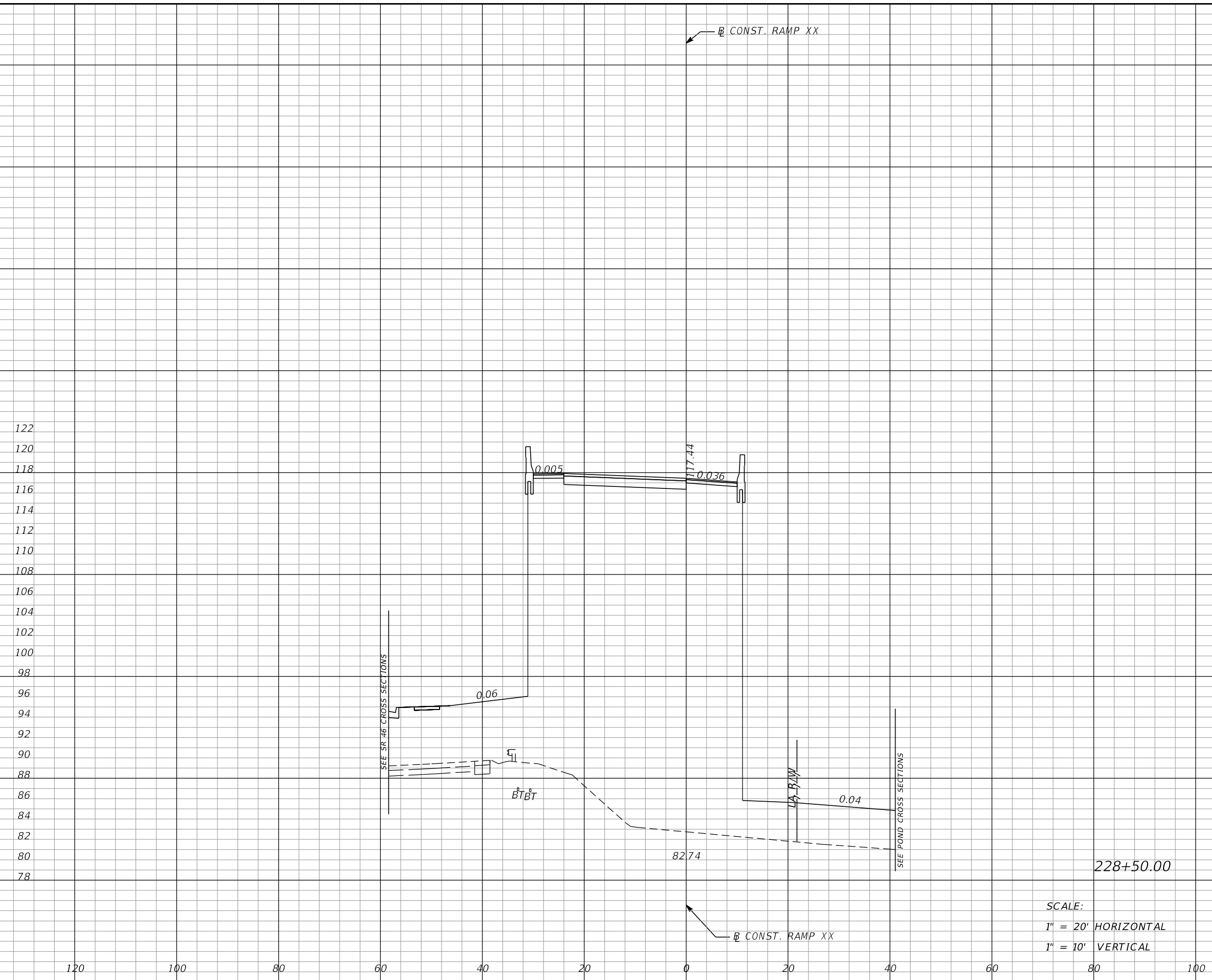
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
379

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	5	1628	2806



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

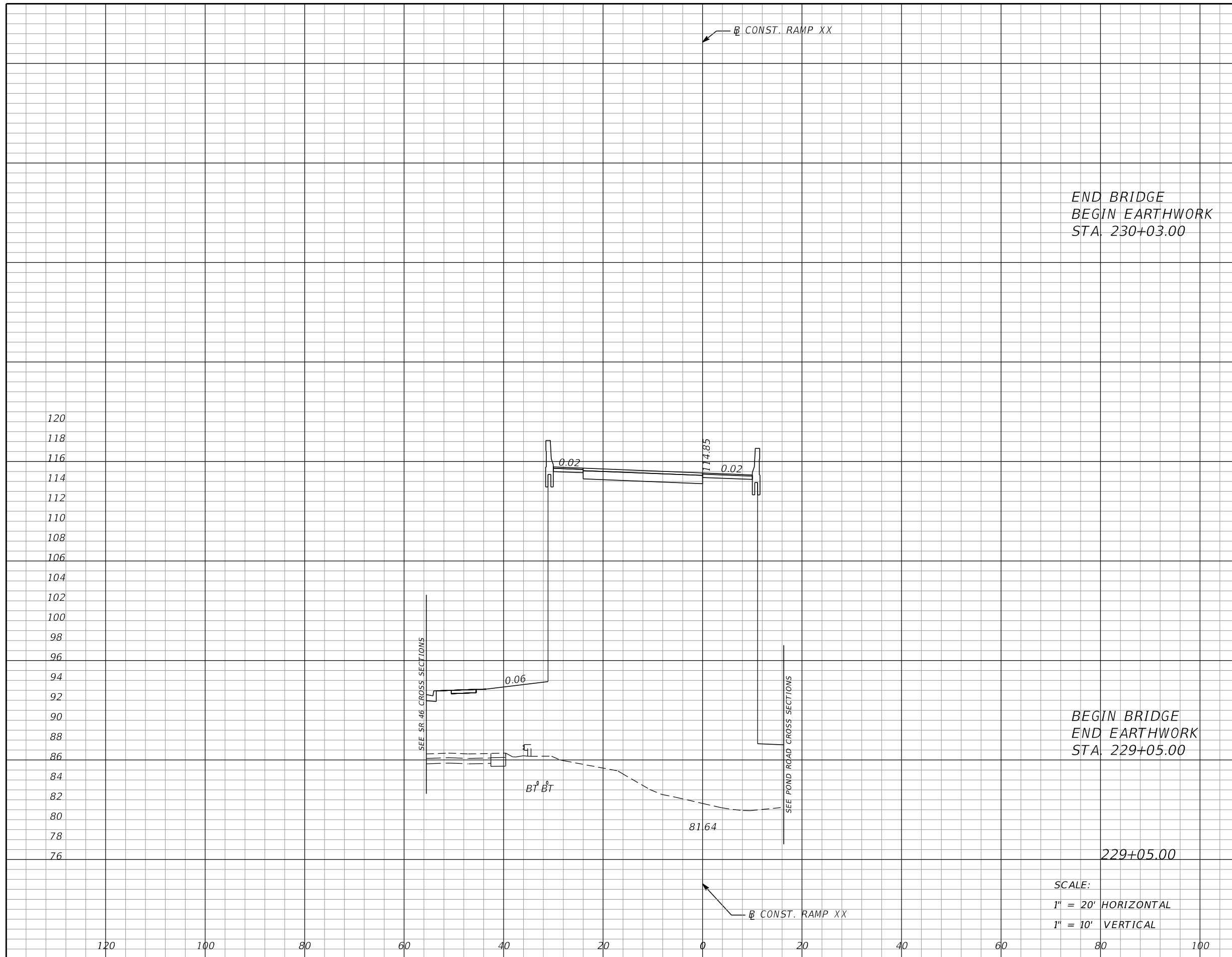
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
380

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	1506	3192

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

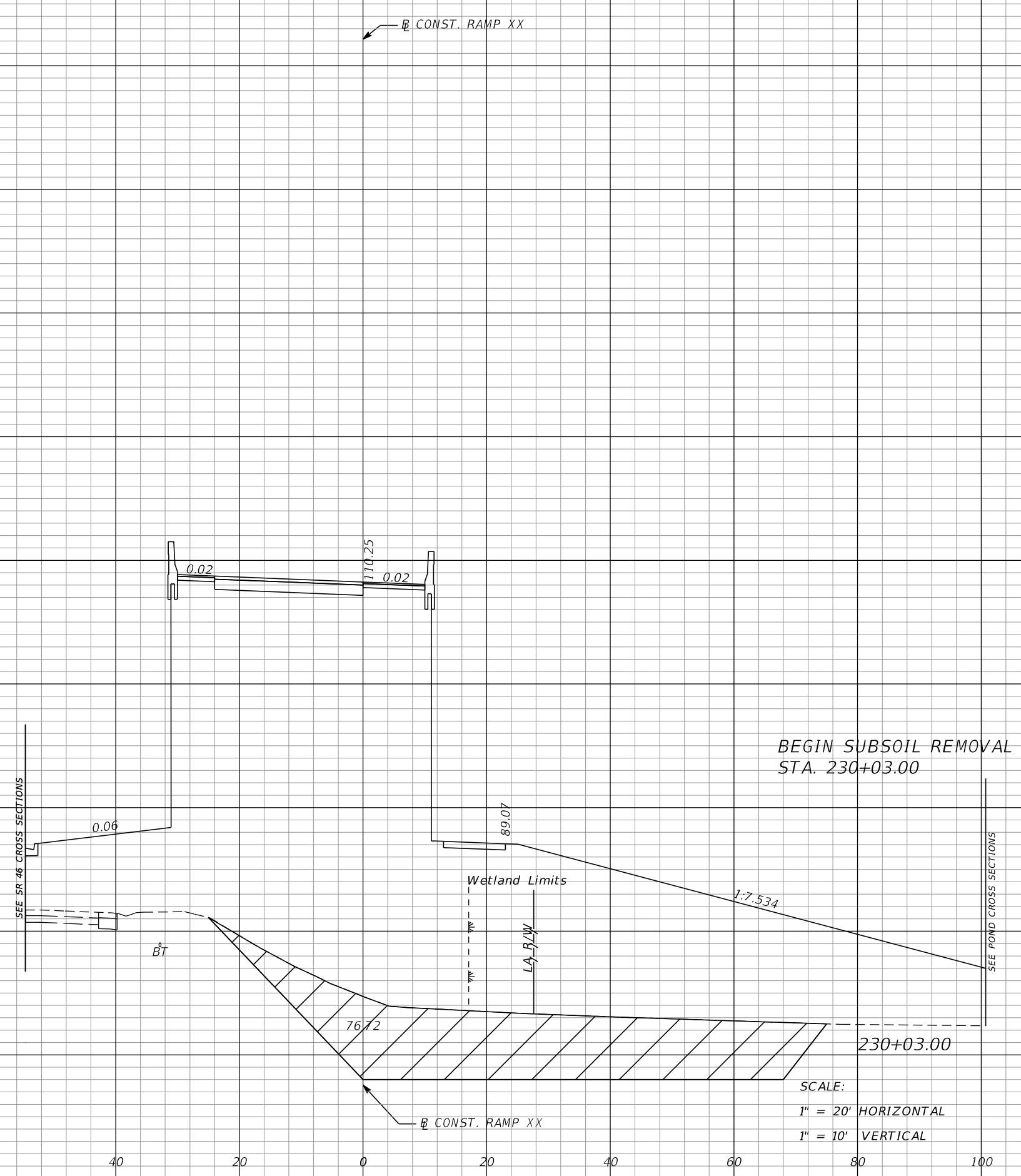
SHEET NO.
381

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
452	0	0	0	2771	0

114
112
110
108
106
104
102
100
98
96
94
92
90
88
86
84
82
80
78
76
74
72

120 100 80 60 40 20 0 20 40 60 80 100



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

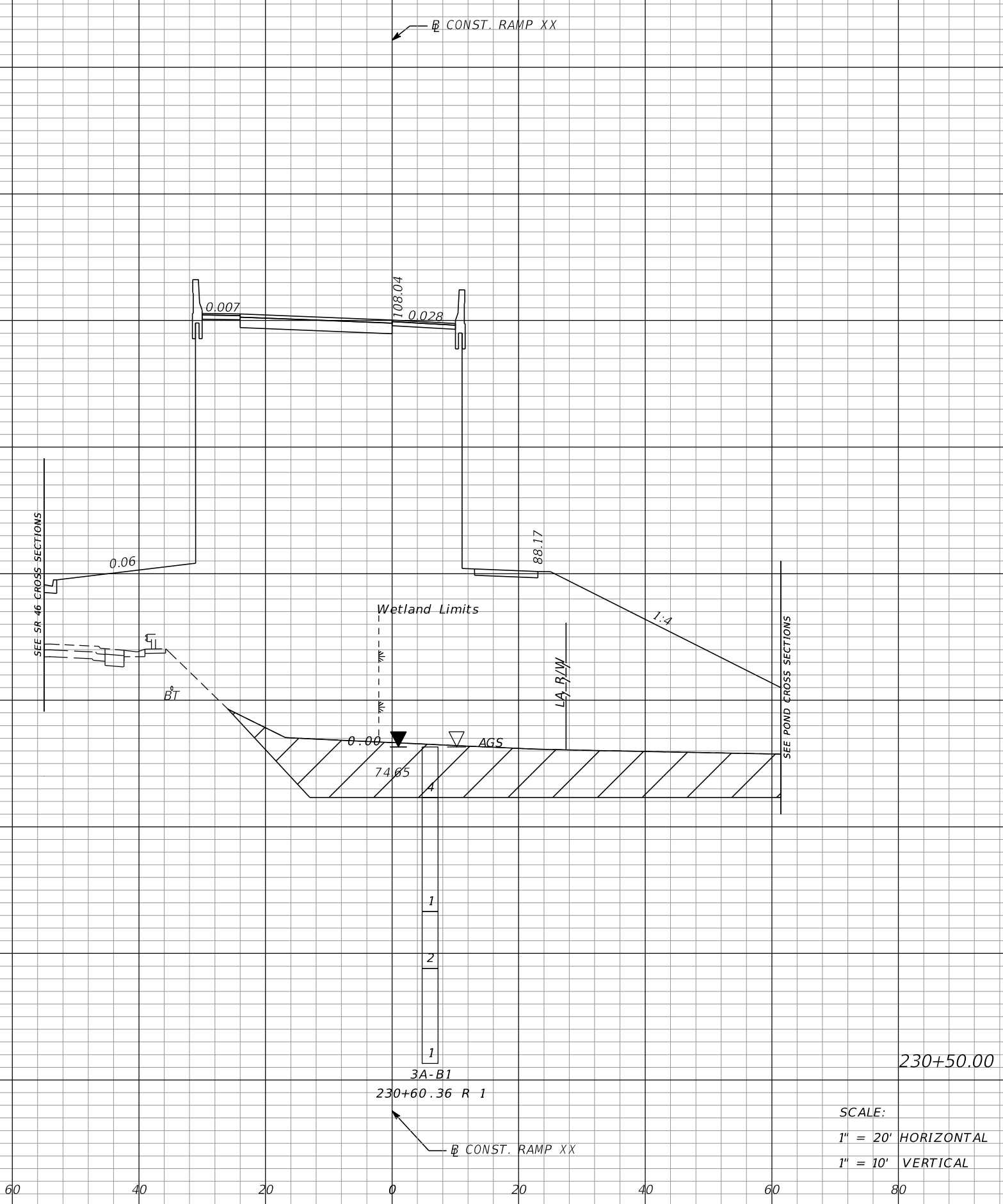
SHEET NO.
382

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
318	670	0	0	2357	4463

112
110
108
106
104
102
100
98
96
94
92
90
88
86
84
82
80
78
76
74
72
70
68

120 100 80 60 40 20 0 20 40 60 80 100



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

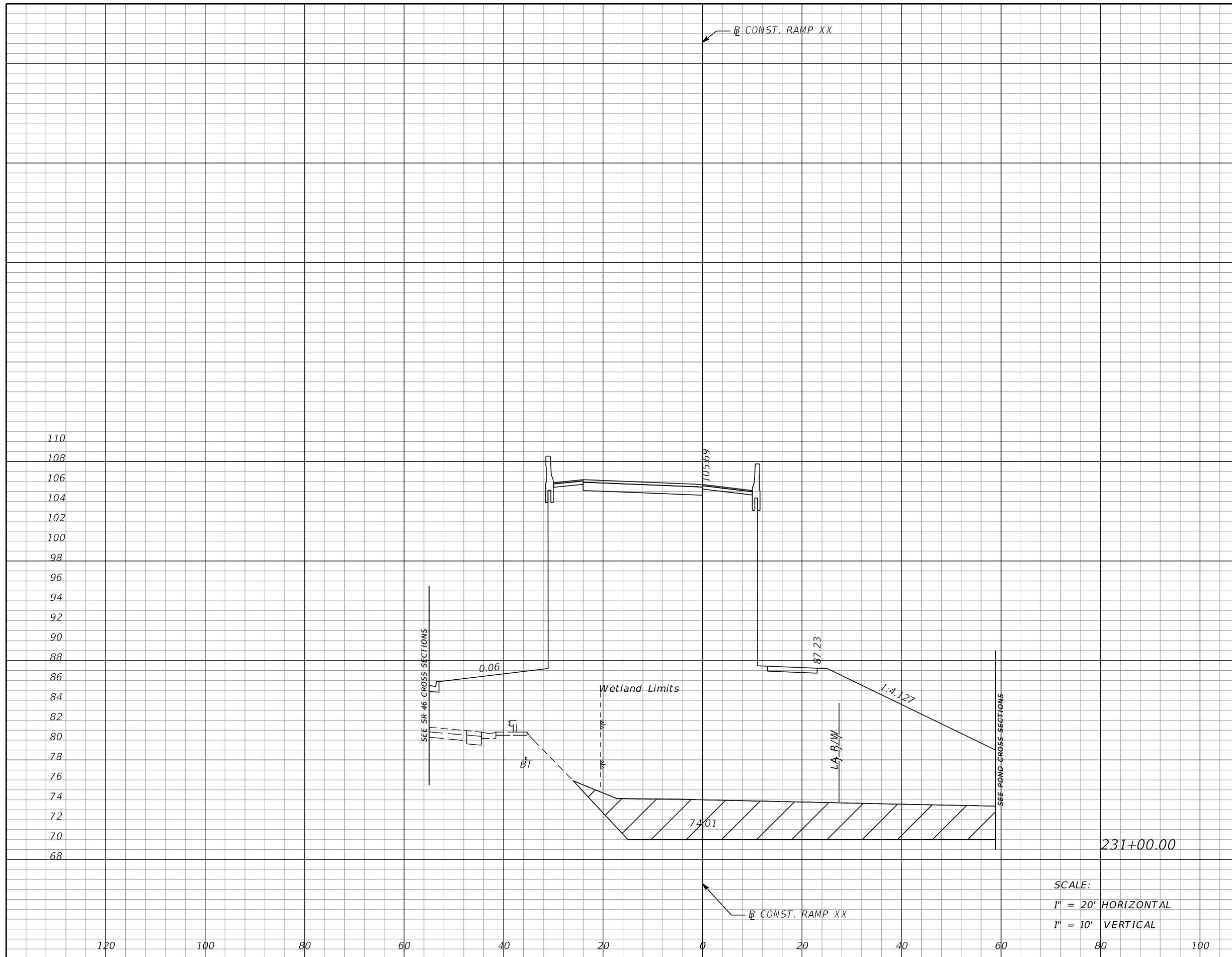
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
383

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
299	571	0	0	2227	4244

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

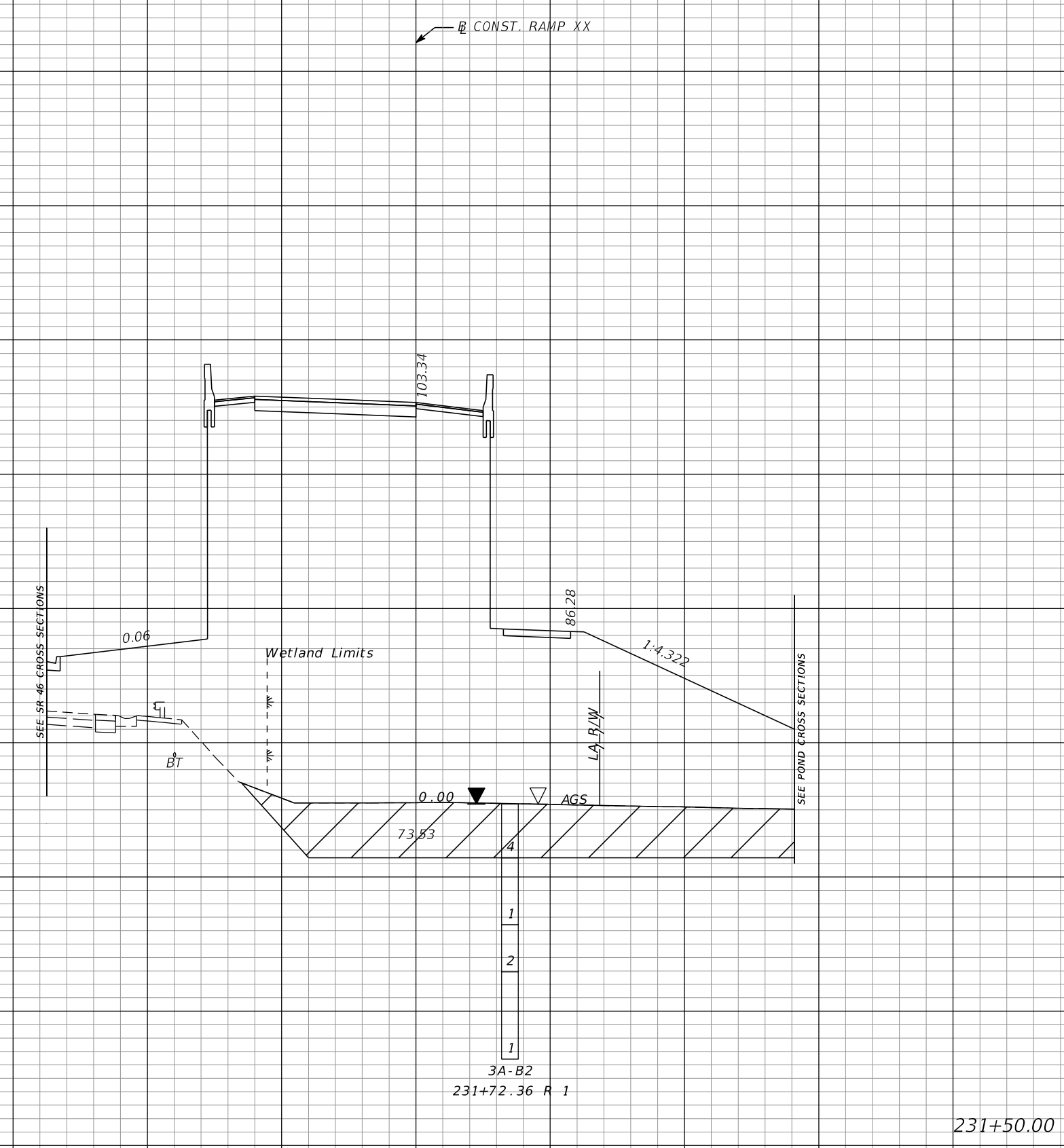
<p>CROSS SECTIONS RAMP XX</p>	<p>SHEET NO. 384</p>
---	-------------------------------------

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
303	557	0	0	2109	4015

108
106
104
102
100
98
96
94
92
90
88
86
84
82
80
78
76
74
72
70
68

120 100 80 60 40 20 0 20 40 60 80 100



SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

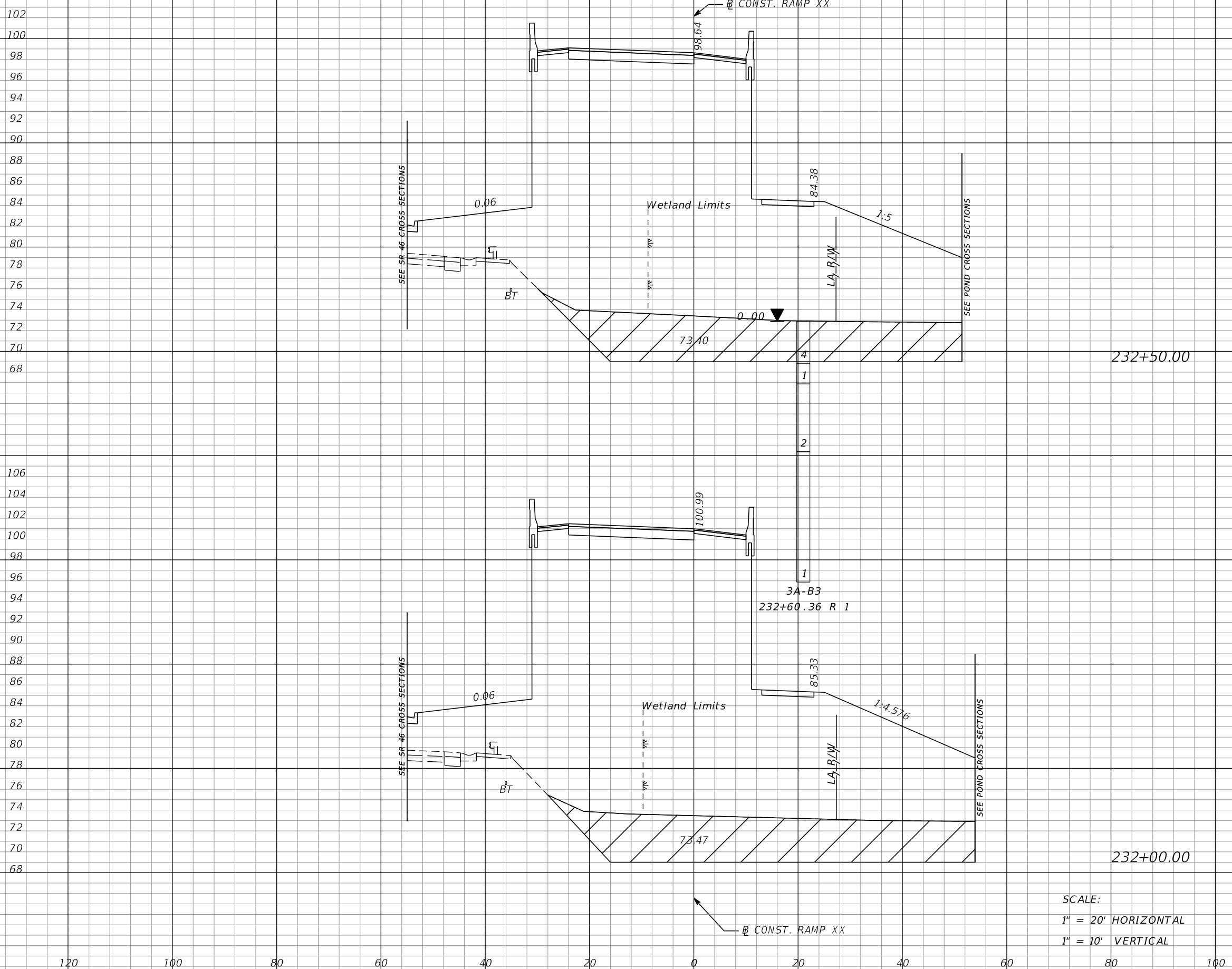
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
385

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Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
303	578	0	0	1813	3508
321	578	0	0	1976	3782

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

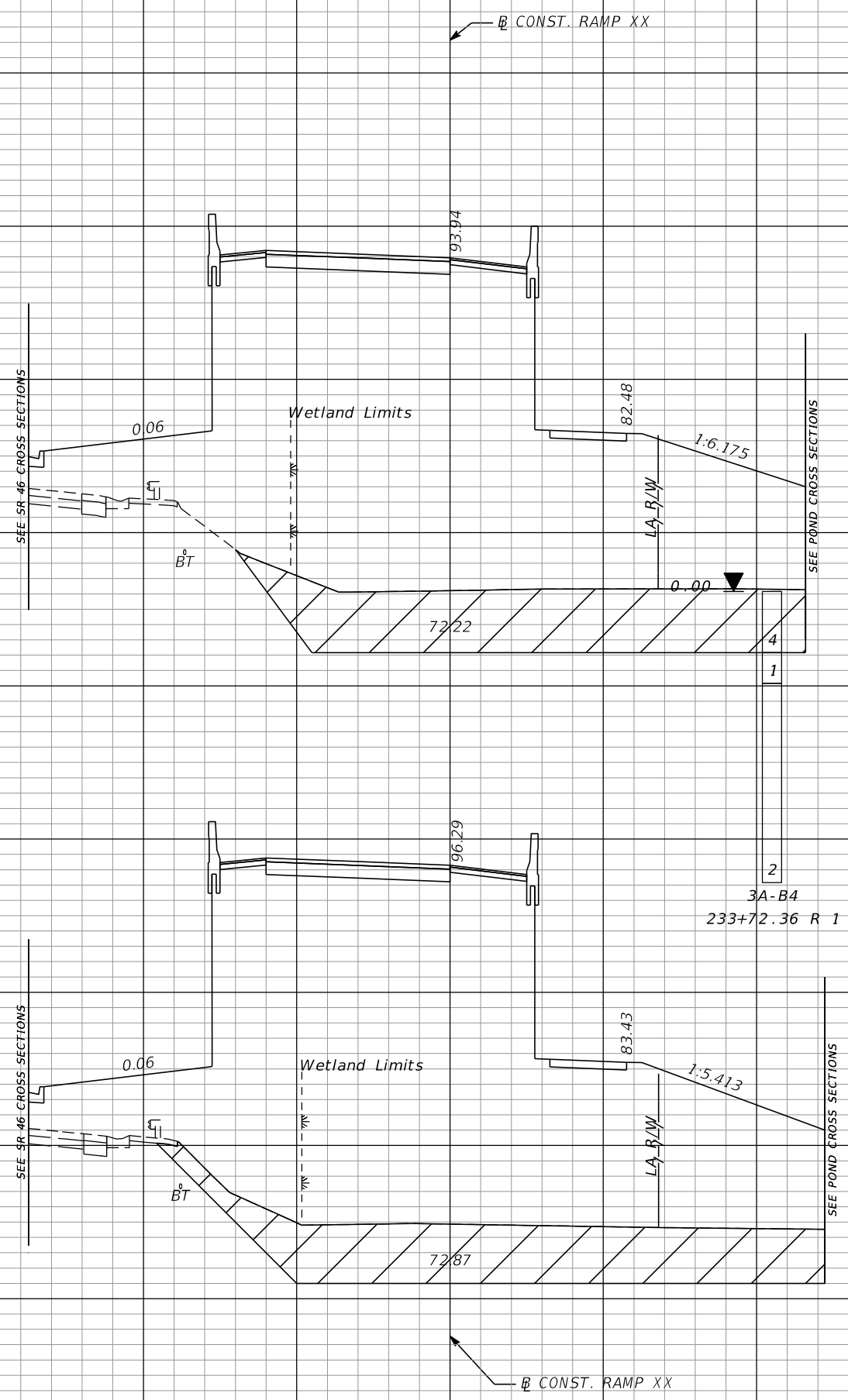
CROSS SECTIONS
RAMP XX

SHEET NO.
386

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

98
96
94
92
90
88
86
84
82
80
78
76
74
72
70
68

100
98
96
94
92
90
88
86
84
82
80
78
76
74
72
70
68



233+50.00

3A-B4
233+72.36 R 1

233+00.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
288	538	0	0	1558	3004
293	552	0	0	1686	3240

120 100 80 60 40 20 0 20 40 60 80 100

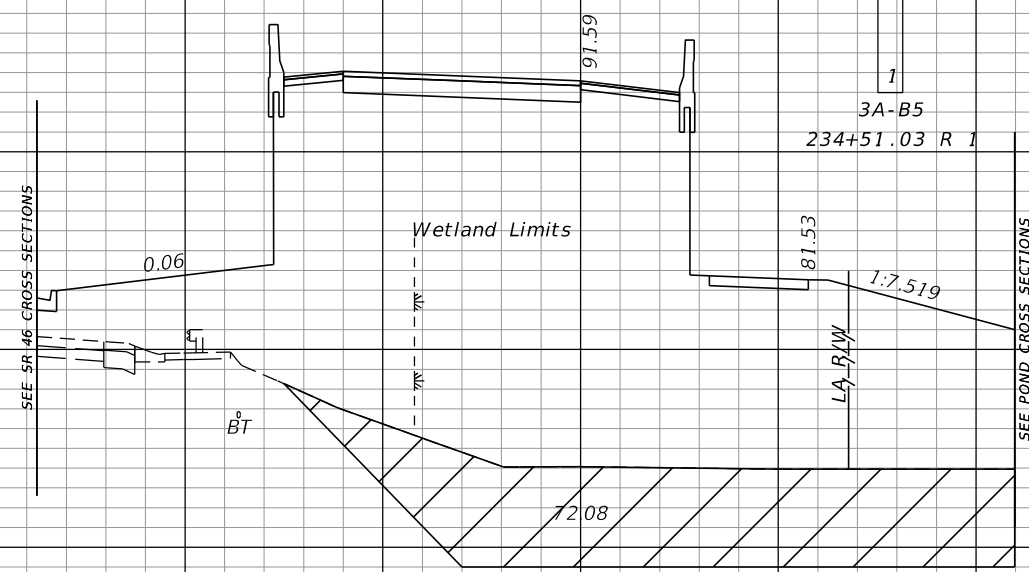
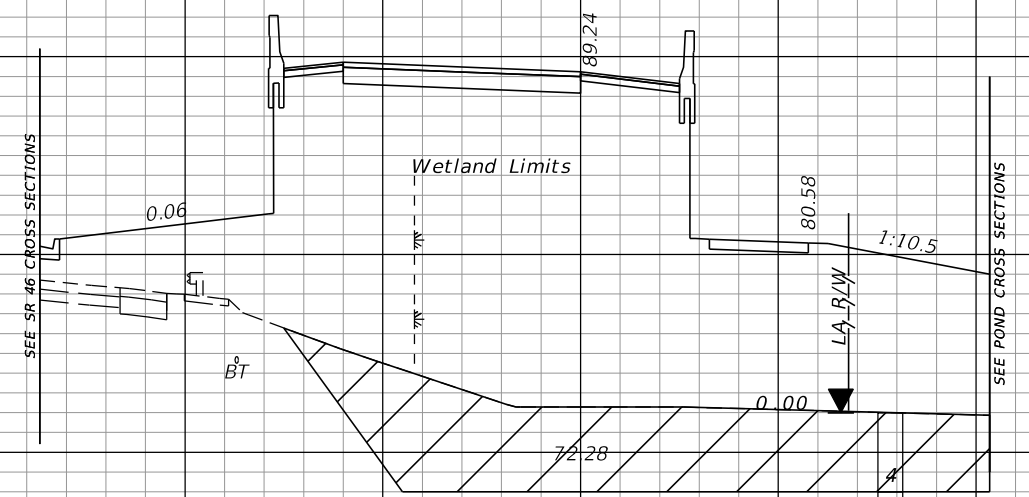
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS RAMP XX	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		387

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
296	581	0	0	1254	2505
331	573	0	0	1451	2786

94
92
90
88
86
84
82
80
78
76
74
72
70
68

96
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92
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88
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84
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72
70
68



CONST. RAMP XX

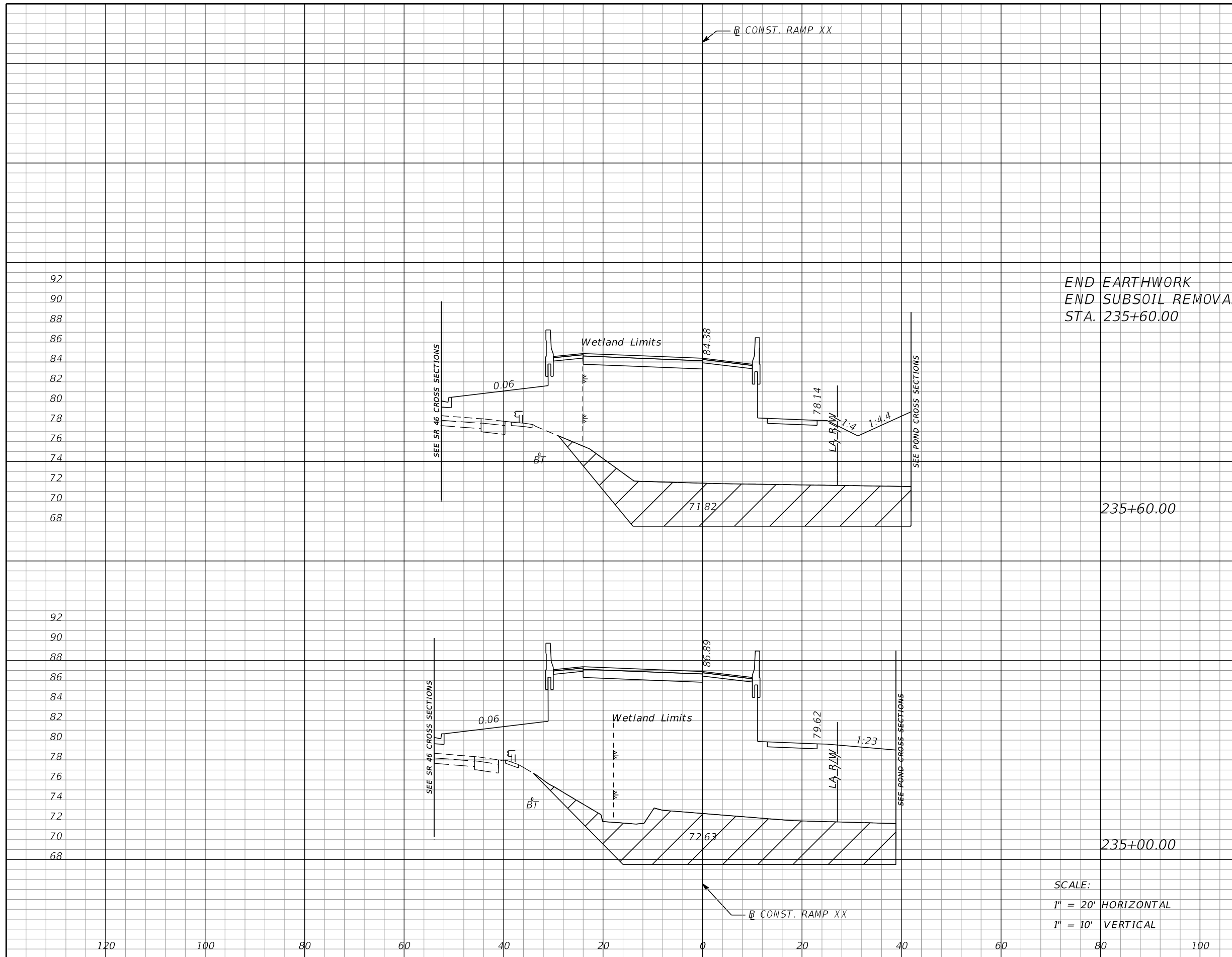
CONST. RAMP XX

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

120 100 80 60 40 20 0 20 40 60 80 100

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS RAMP XX	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		388

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
275	623	0	0	974	2347
286	539	0	0	1138	2215

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

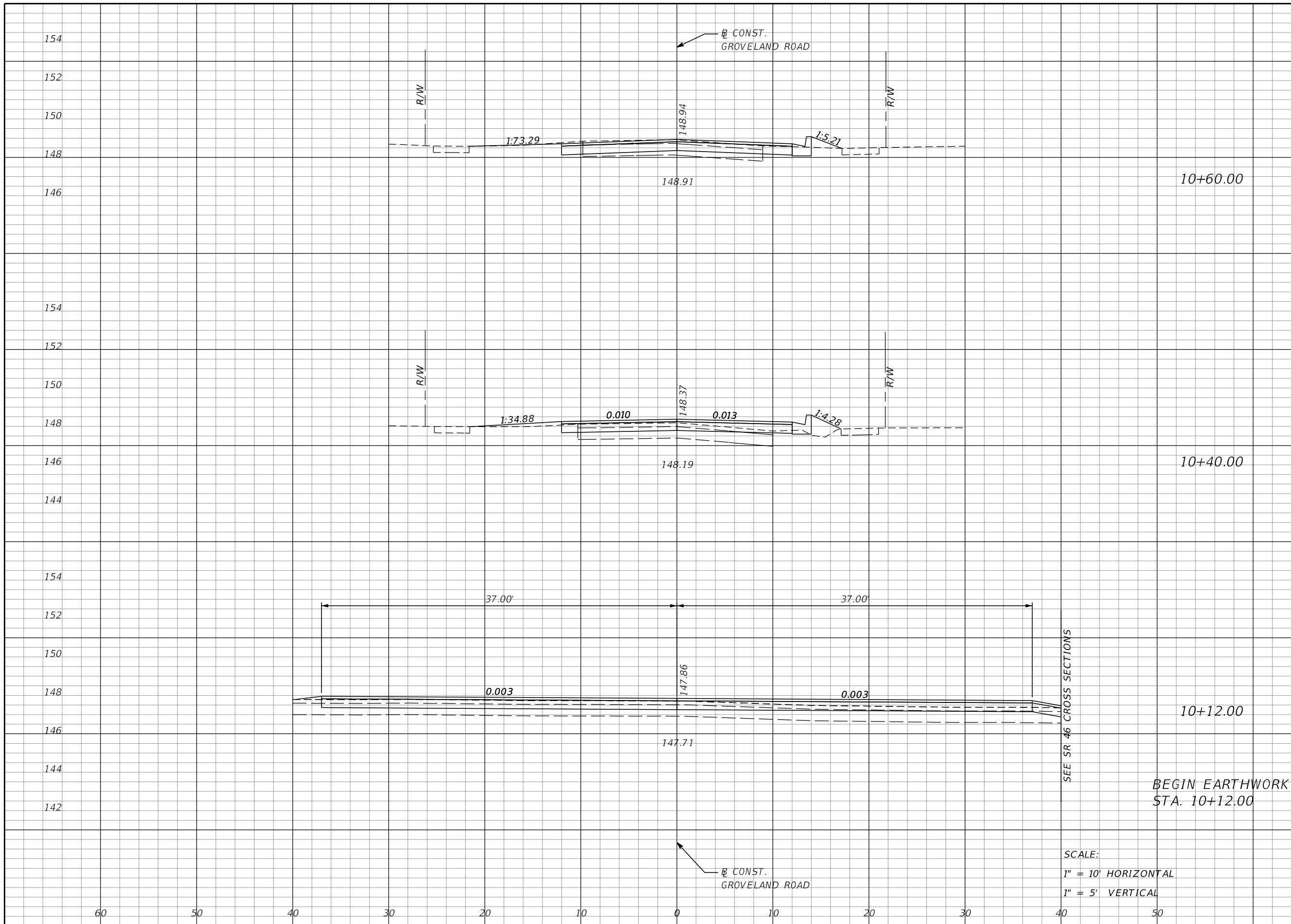
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
RAMP XX

SHEET NO.
389

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
14	8	1	1		
8	19	3	2		
28	0	0	0		

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

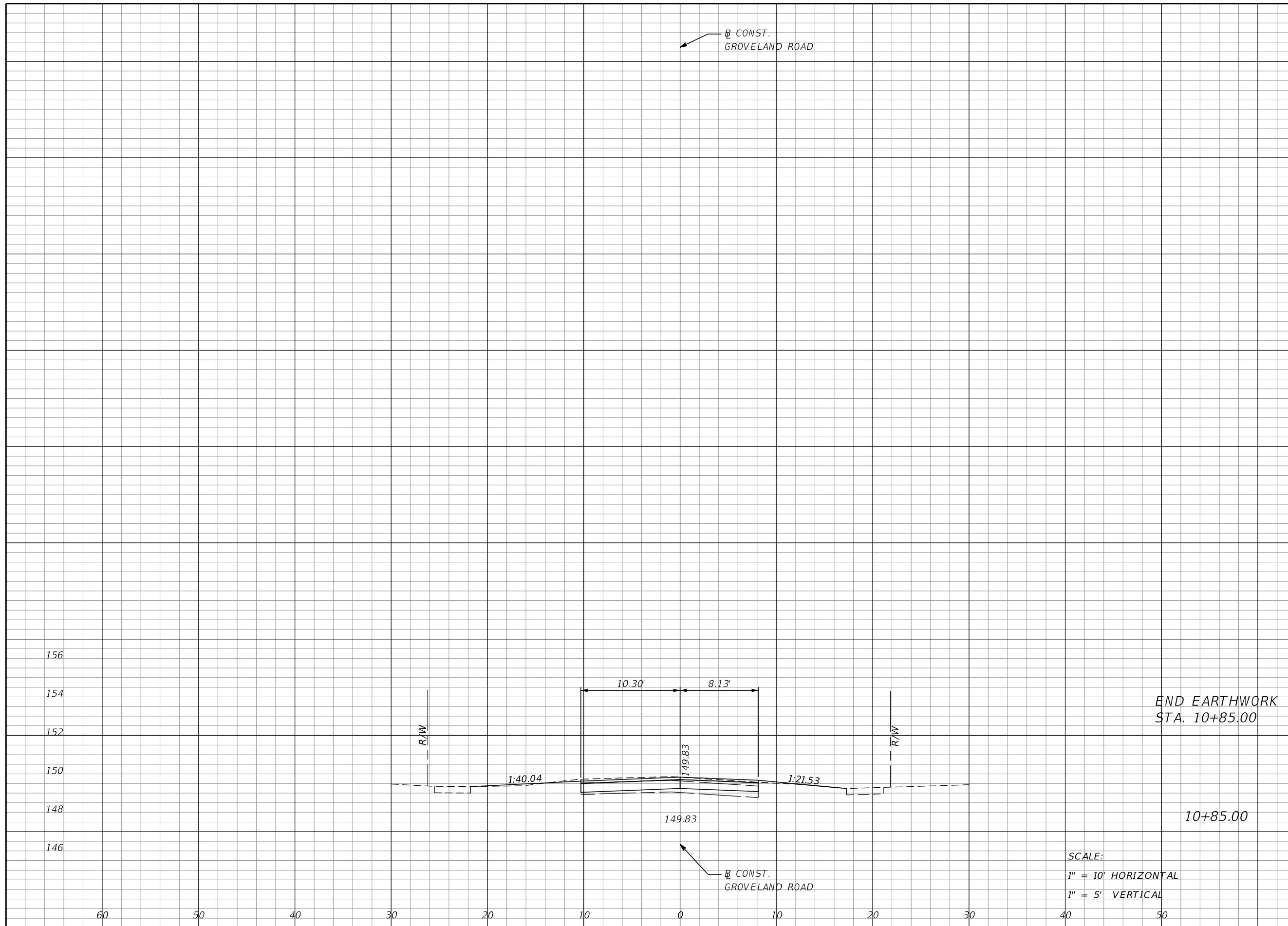
**CROSS SECTIONS
 GROVELAND ROAD**

SHEET NO.
390

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular Exc. Embankment

A V A V



11 12 1 1

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

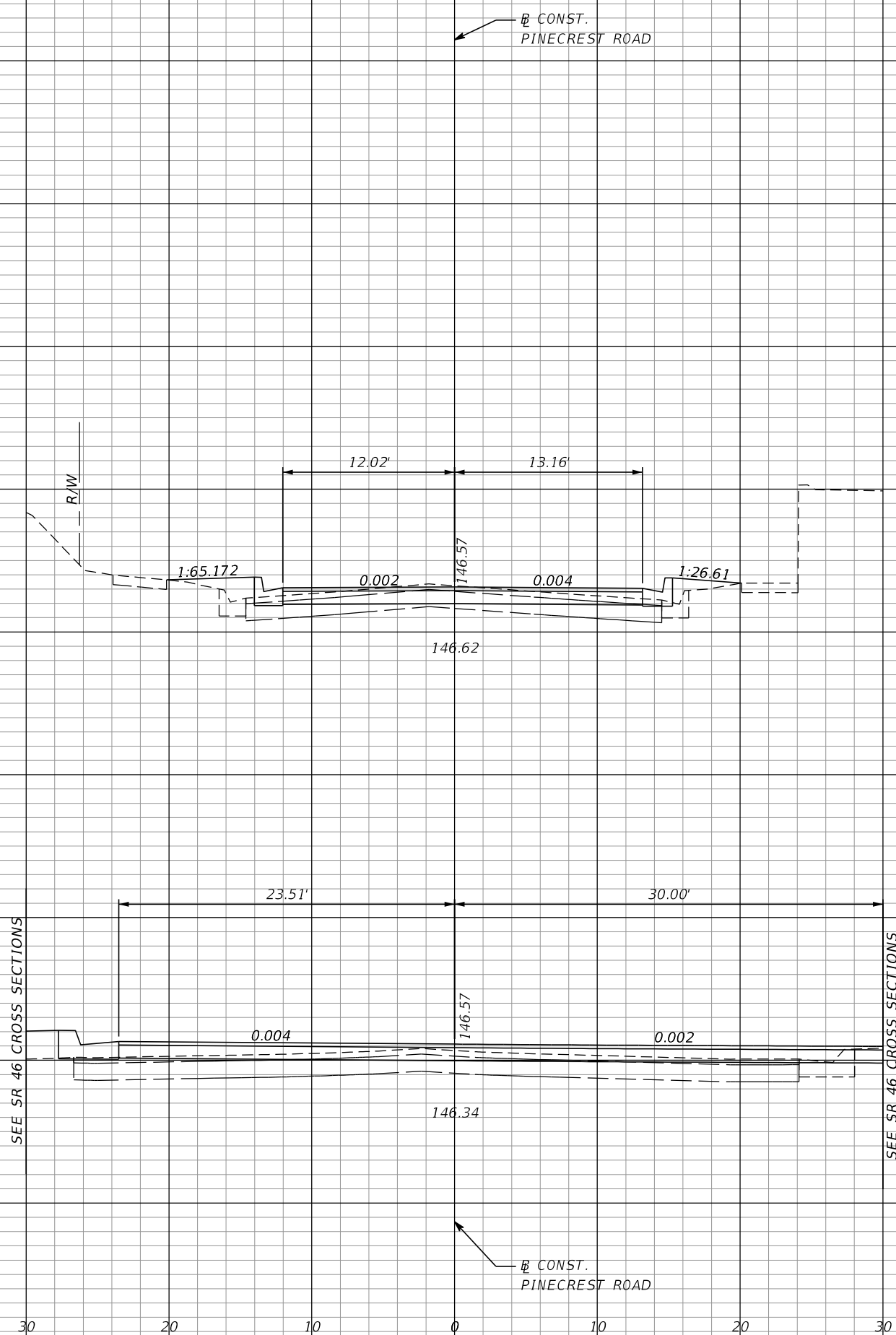
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**CROSS SECTIONS
GROVELAND ROAD**

SHEET NO.
391

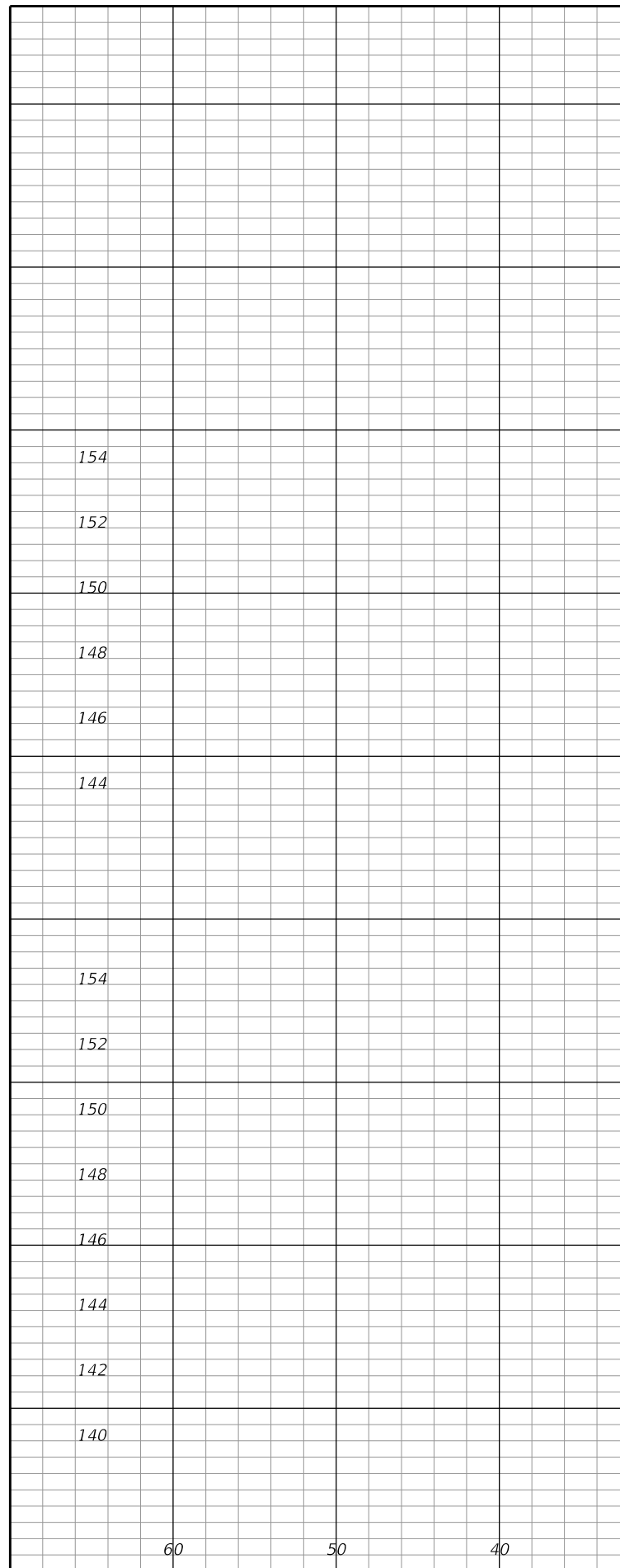
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
13		9		4	2
12		0		2	0



BEGIN EARTHWORK
STA. 10+20.00

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
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CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
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FL REGISTRATION NO. 56003

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

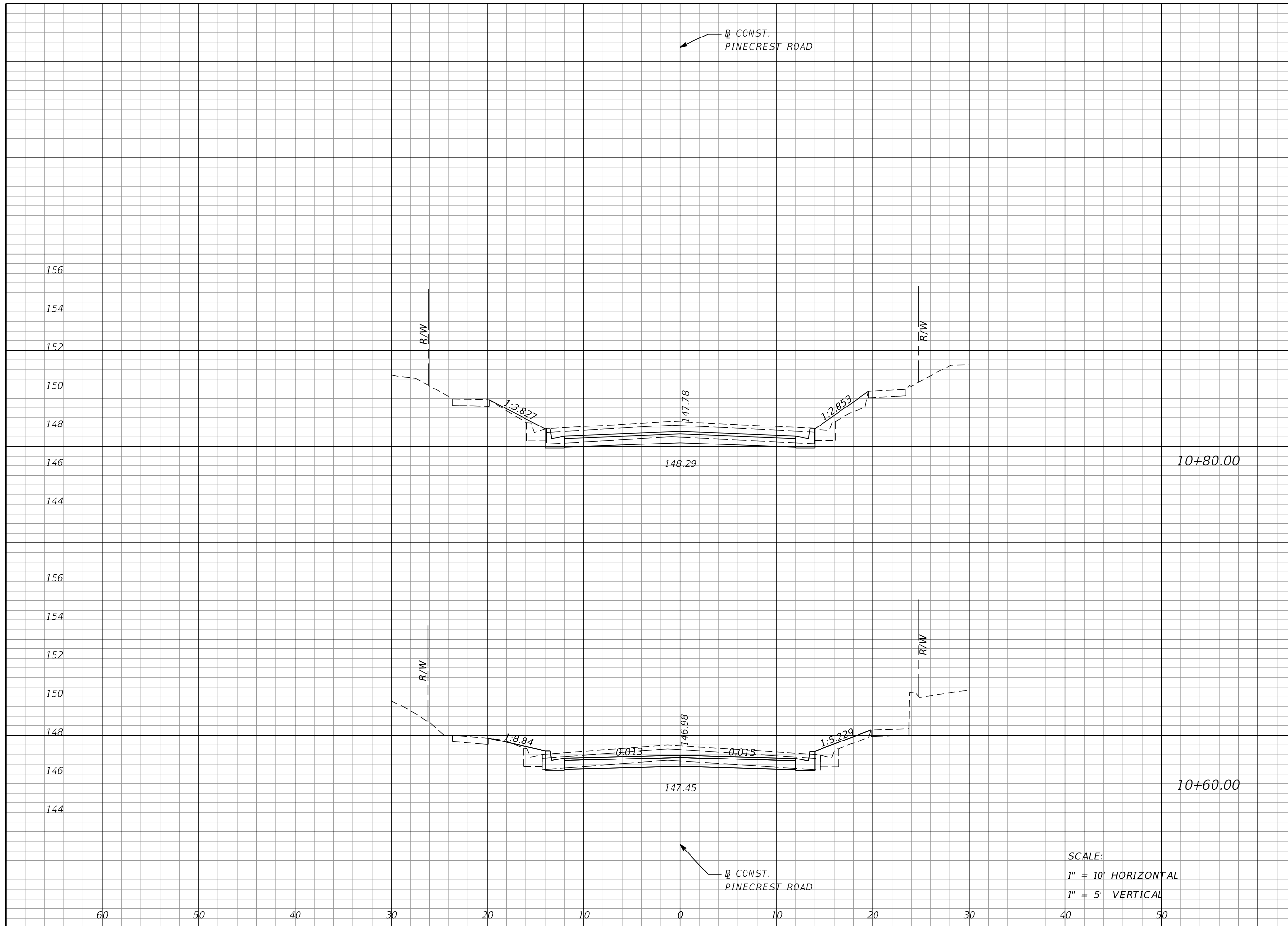
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**CROSS SECTIONS
PINECREST ROAD**

SHEET NO.
392

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
30		21		3	2
27		15		3	3



SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

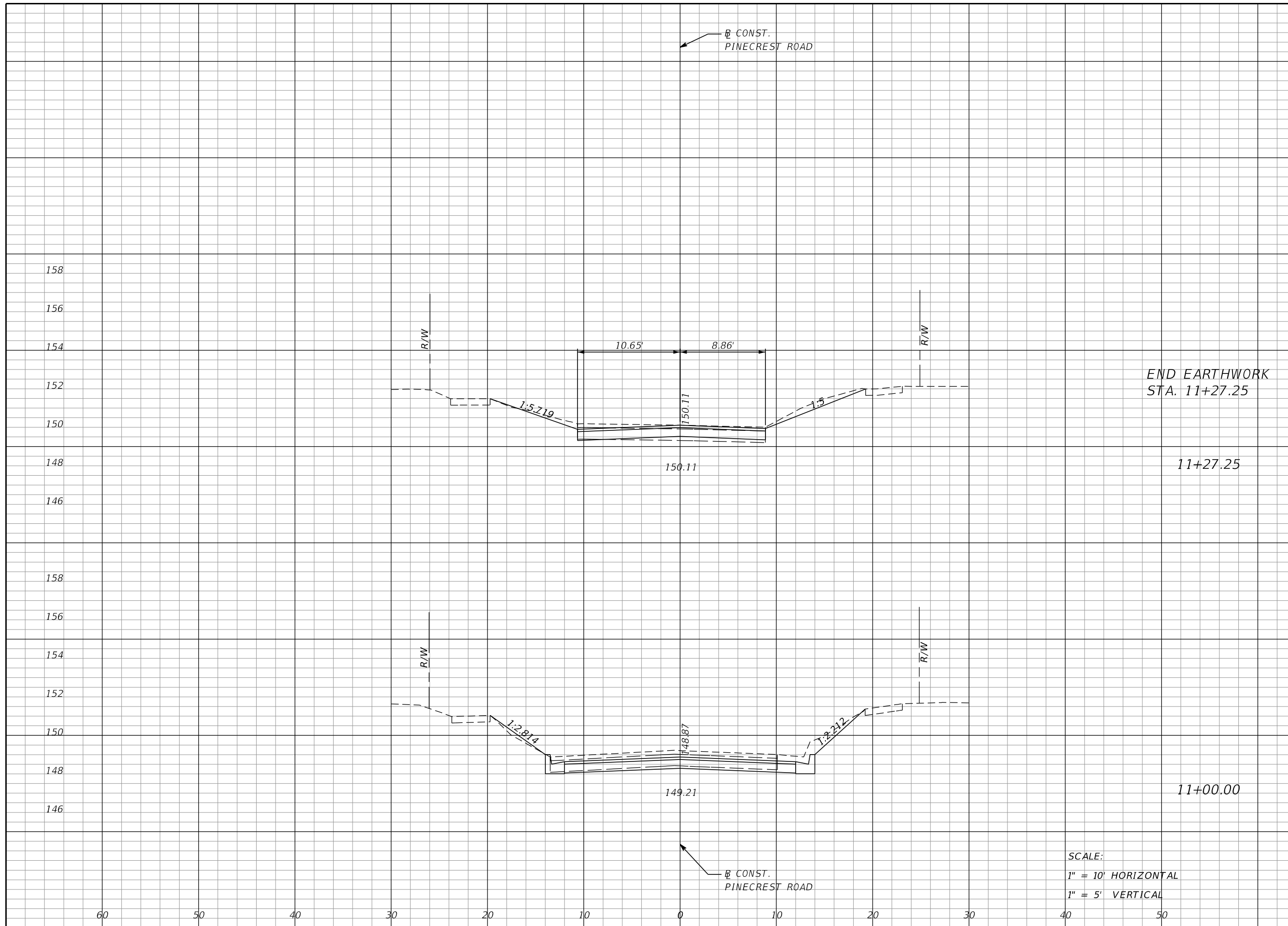
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**CROSS SECTIONS
 PINECREST ROAD**

SHEET NO.
393

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
17	23	0	1		
28	21	1	1		



END EARTHWORK
STA. 11+27.25

11+27.25

11+00.00

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

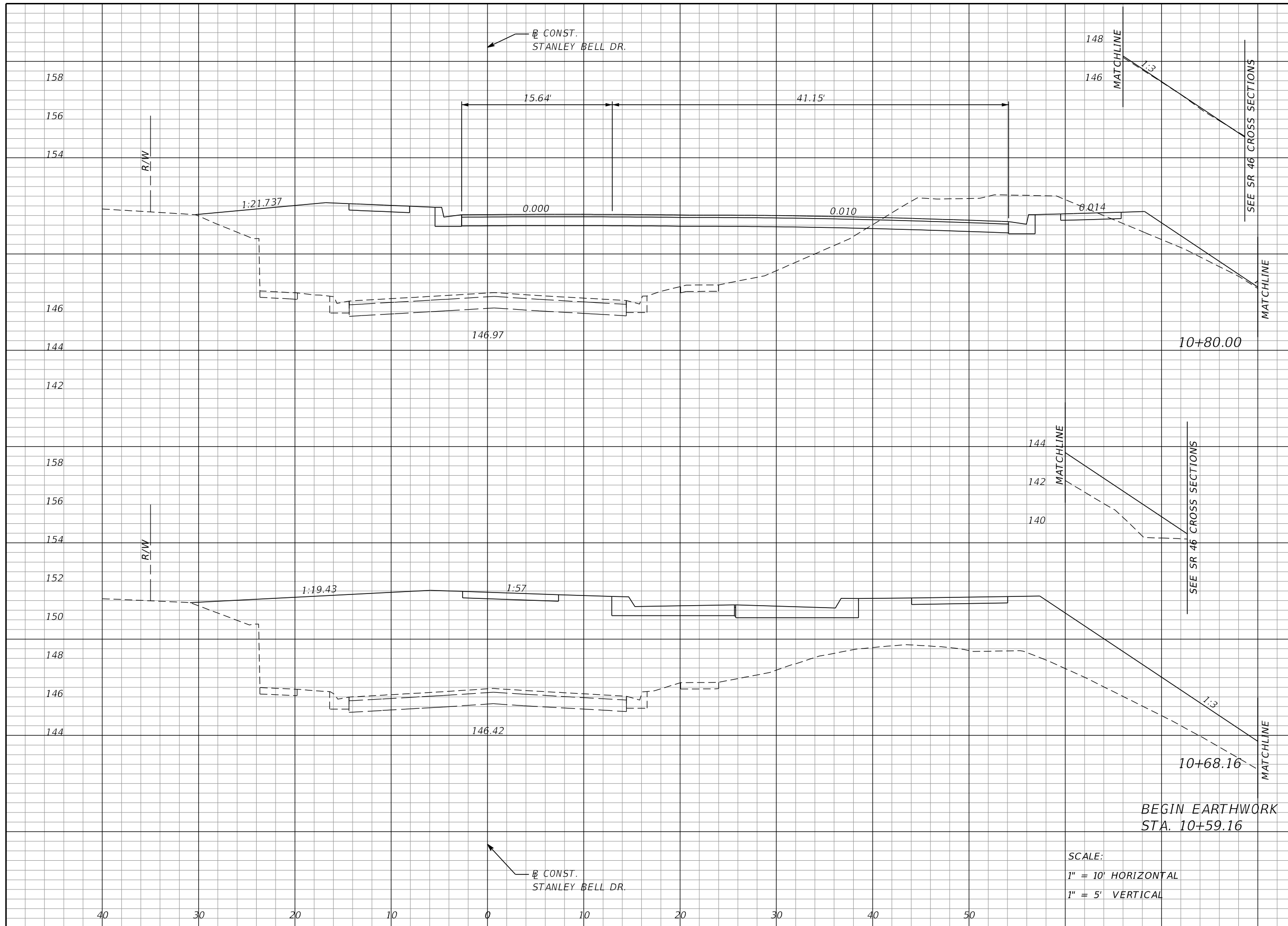
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**CROSS SECTIONS
PINECREST ROAD**

SHEET NO.
394

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Regular		Exc.		Embankment	
A	V	A	V	A	V
32	7	230	134	0	0
0	0	379	0		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

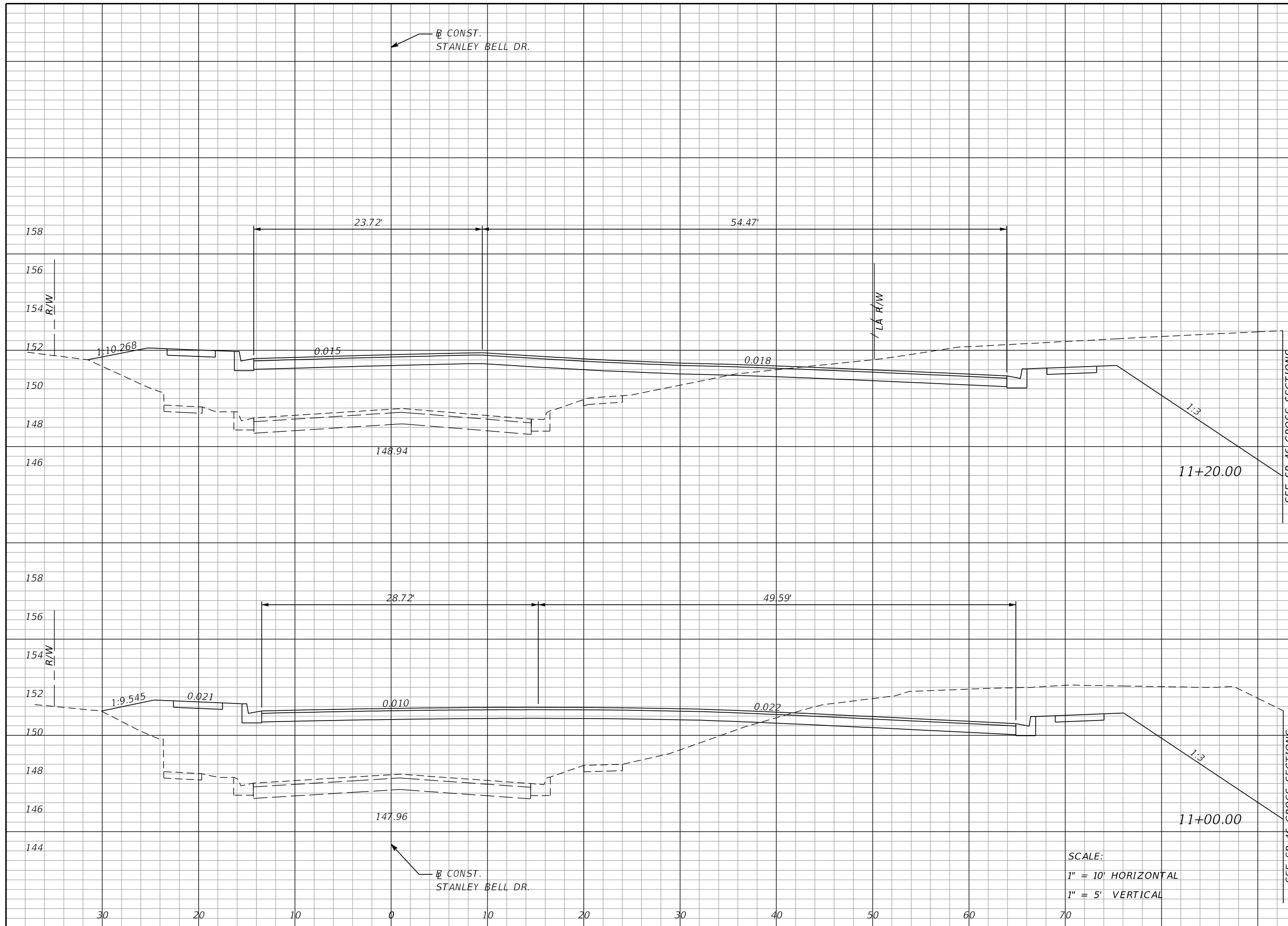
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

**CROSS SECTIONS
 STANLEY BELL DR.**

SHEET NO.
395

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
129	95	131	113		
127	59	173	149		

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

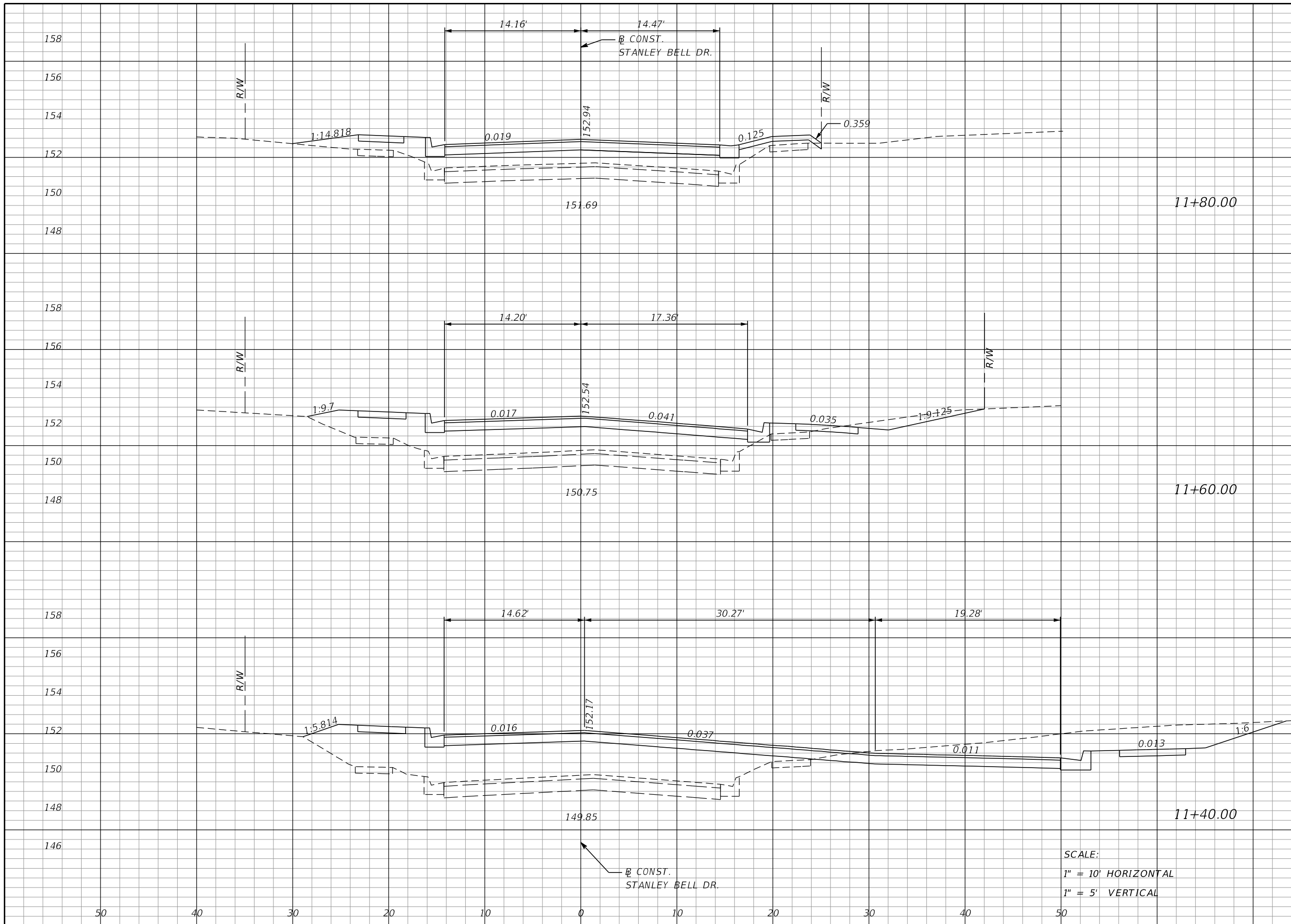
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
STANLEY BELL DR.

SHEET NO.
396

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	2	32	32		
6	22	55	51		
53	67	82	79		

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

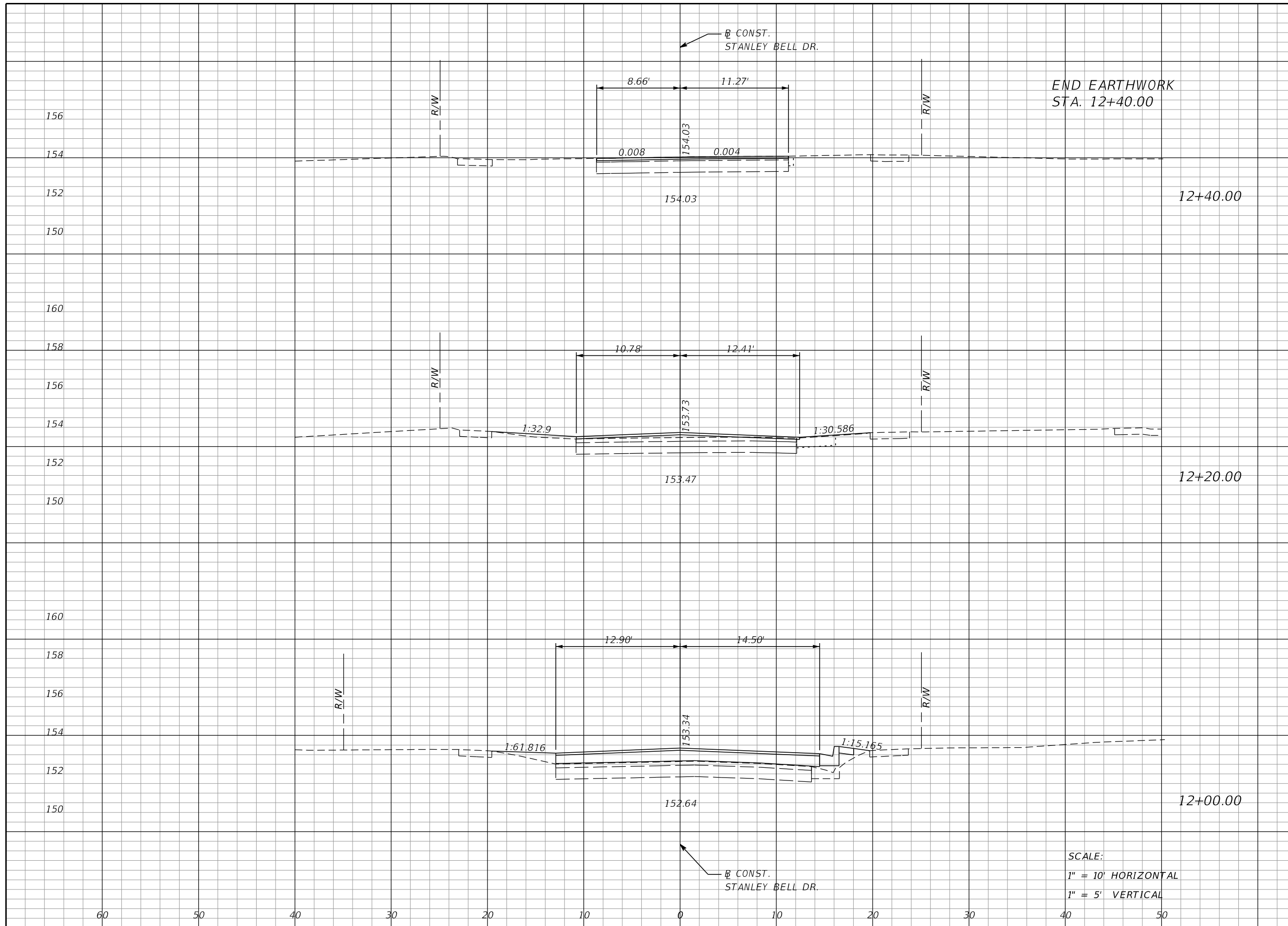
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**CROSS SECTIONS
 STANLEY BELL DR.**

SHEET NO.
397

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Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	0	0
0	0	1	2		
0	0	4	13		

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
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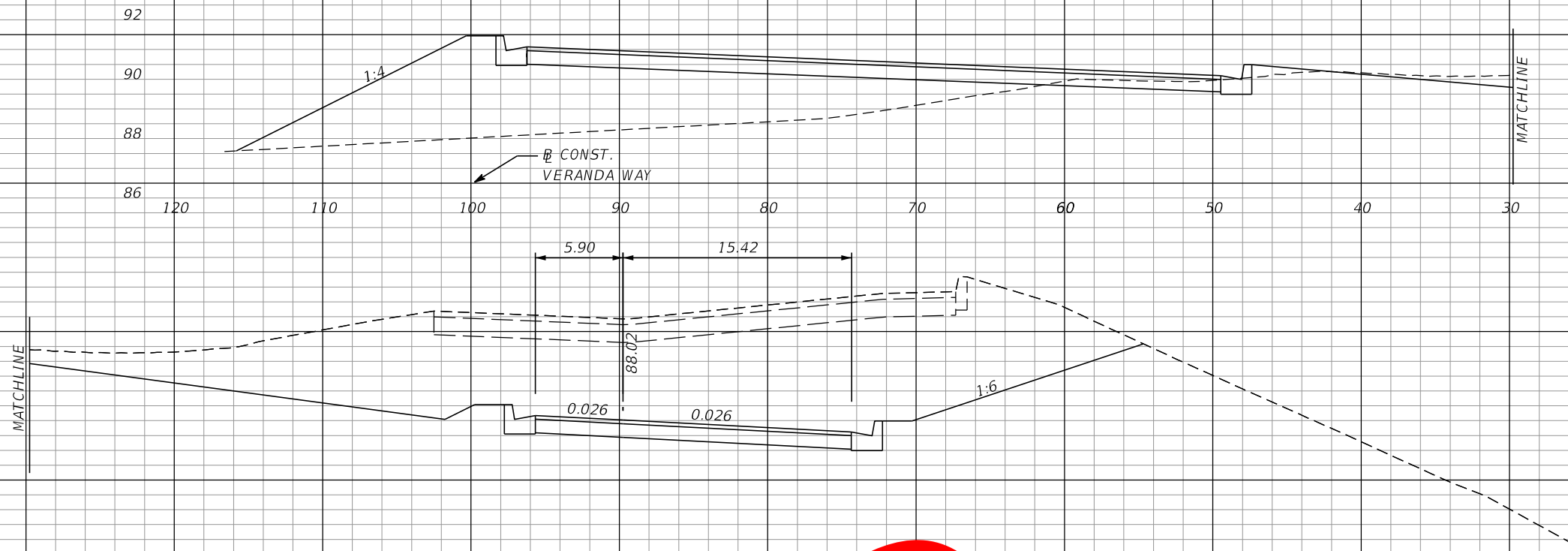
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
STANLEY BELL DR.

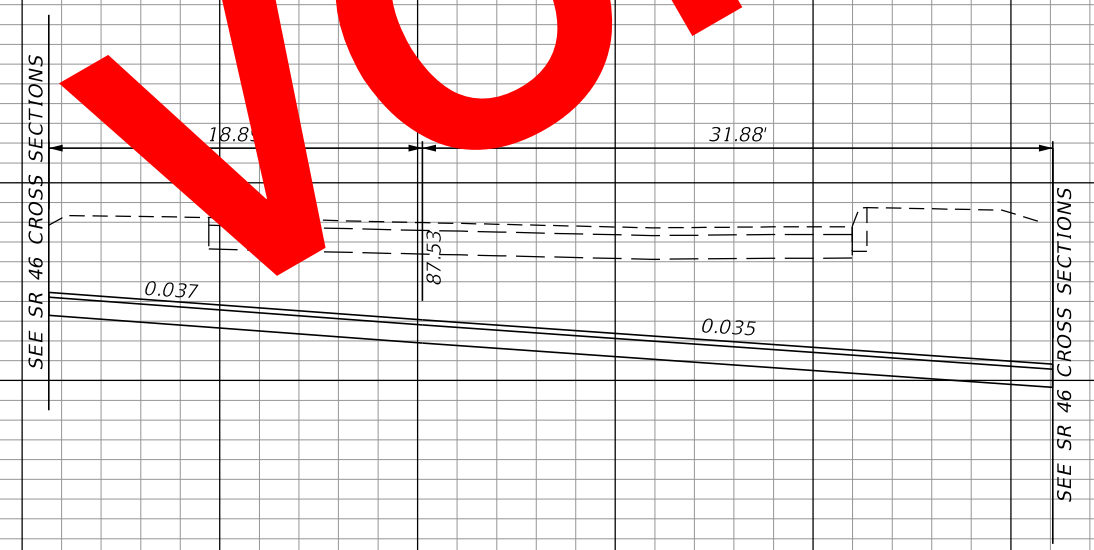
SHEET NO.
398

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



10+80.00

Regular Exc.		Embankment	
A	V	A	V
0	0	137	185



10+60.00

BEGIN EARTHWORK
STA. 10+51.00

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
0	0	166	0

VOID

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

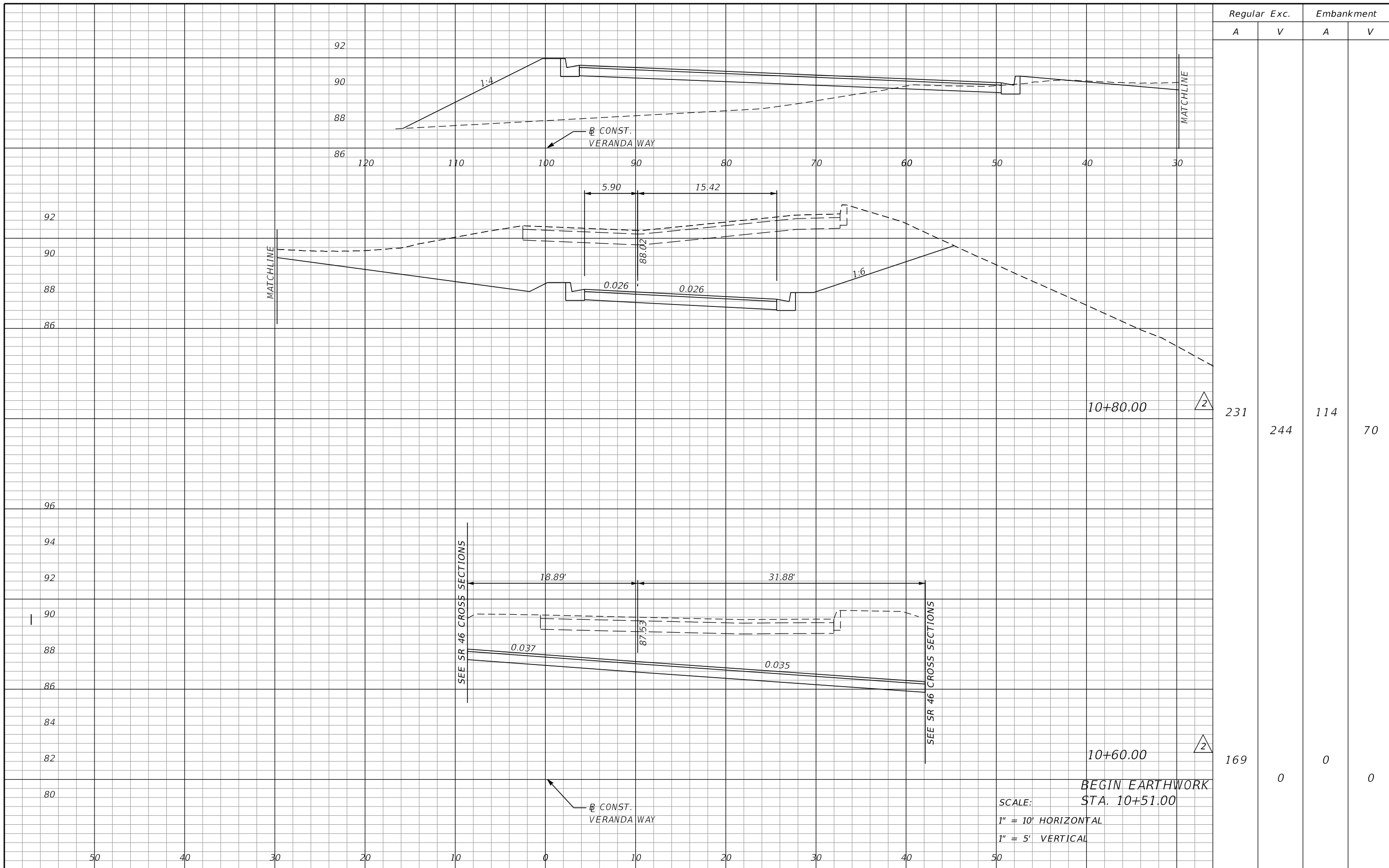
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

CROSS SECTIONS
VERANDA WAY

SHEET NO.
399

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



10+80.00 \triangle

10+60.00 \triangle

BEGIN EARTHWORK
STA. 10+51.00

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

Regular Exc.		Embankment	
A	V	A	V
231	244	114	70
169	0	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
5/26/17	JLC \triangle EARTHWORK MODIFIED		

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

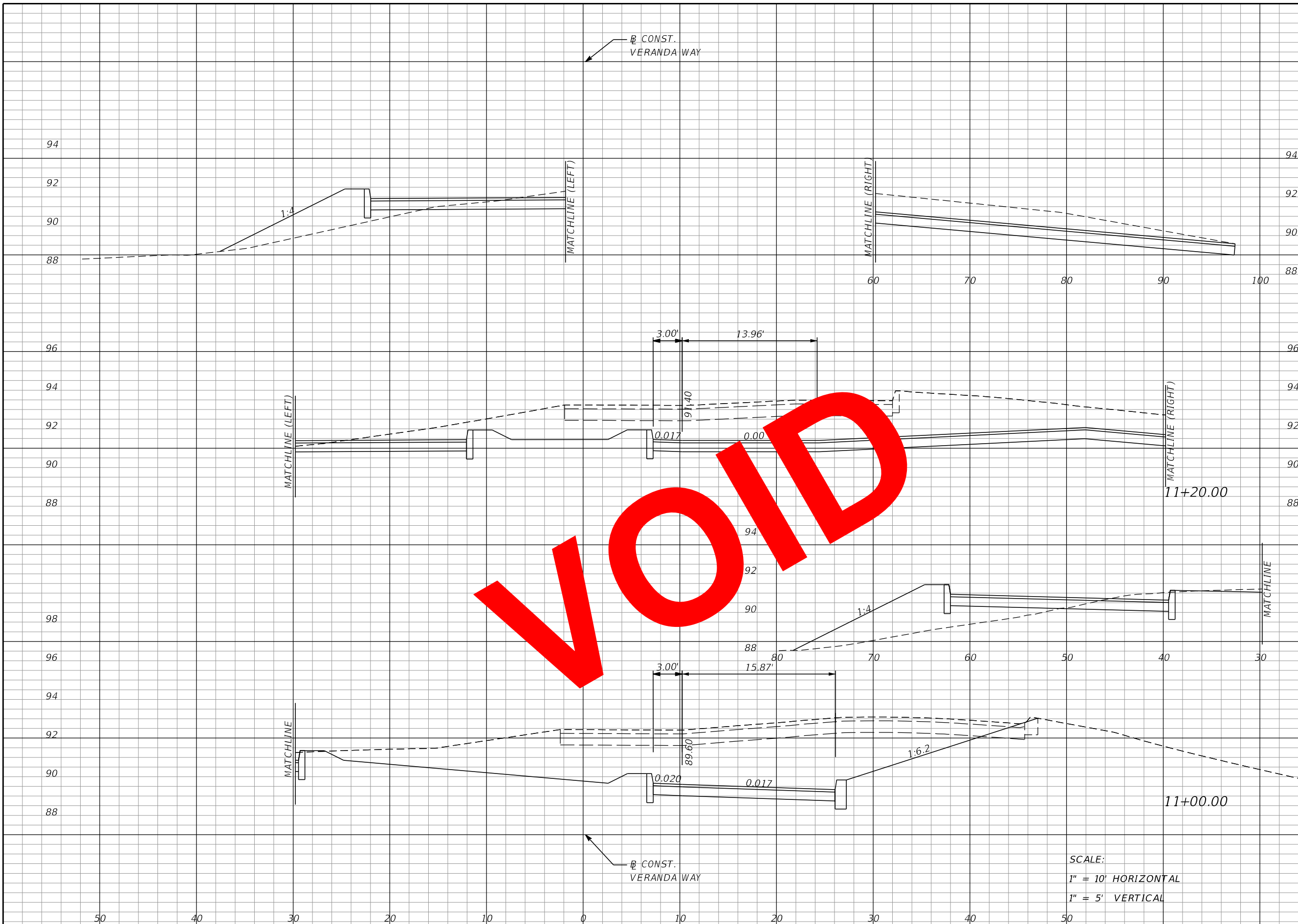
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
VERANDA WAY

SHEET NO.
399

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	37	0	54	91

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
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 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

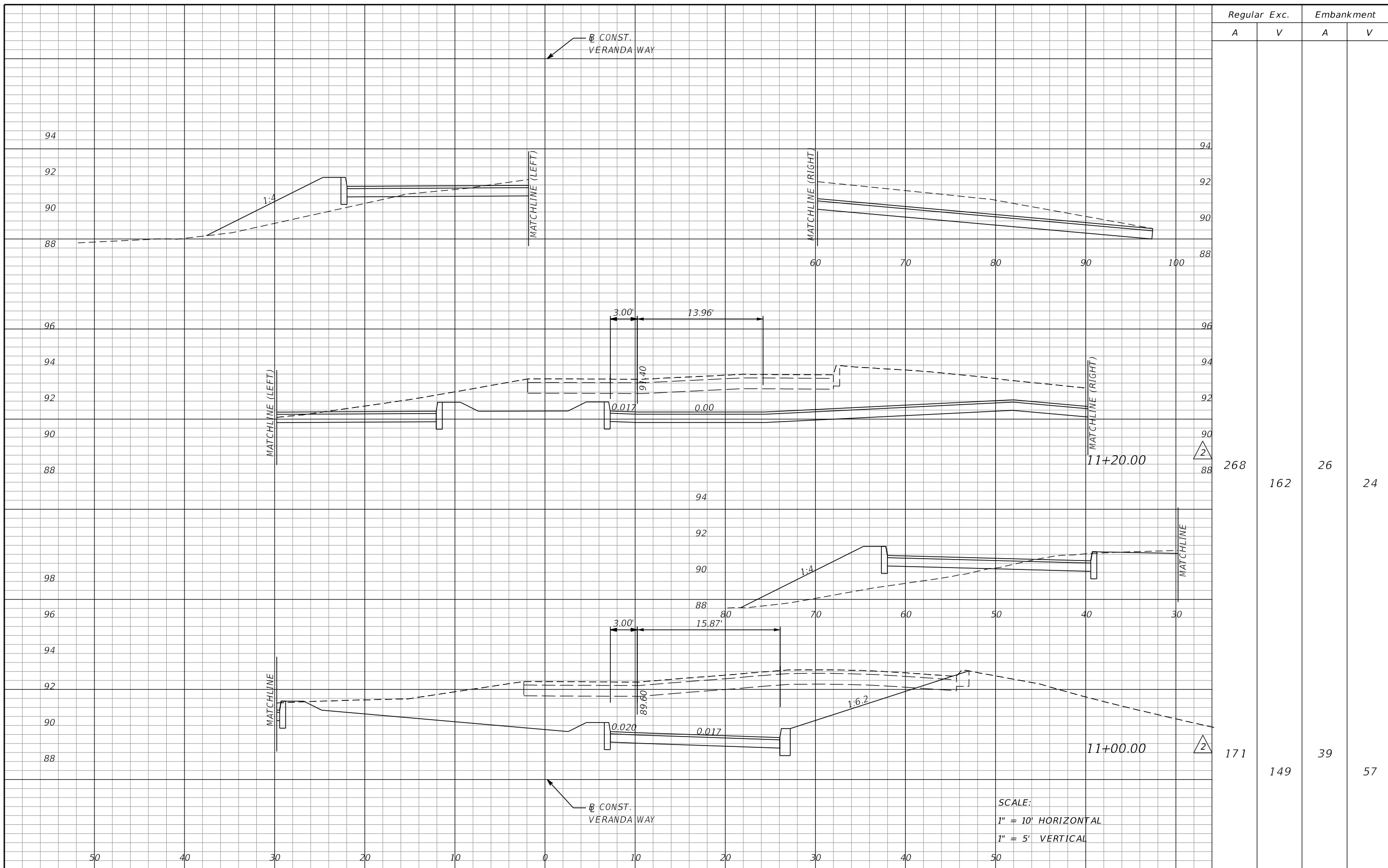
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
VERANDA WAY

SHEET NO.
400

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

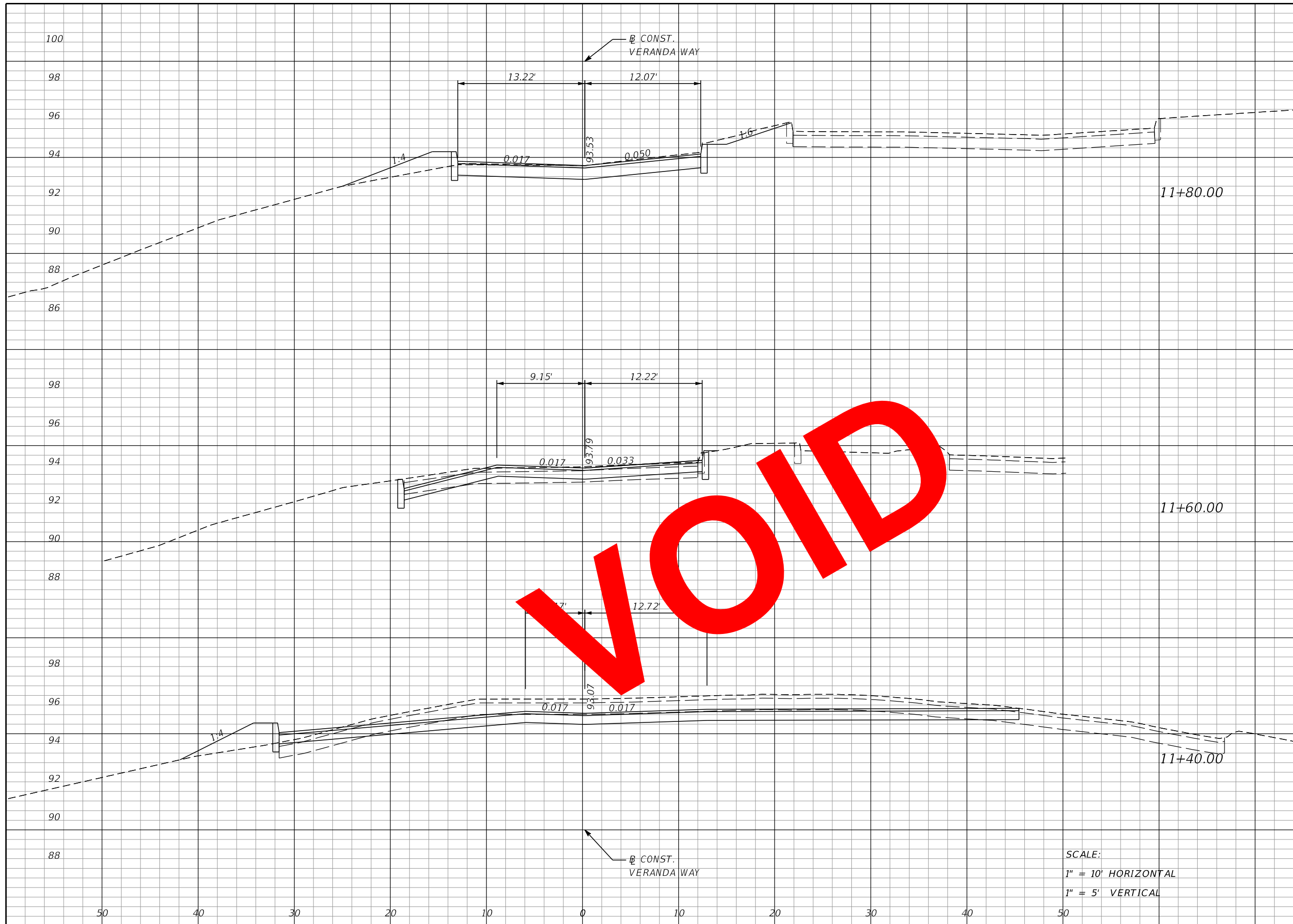
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
268	162	26	24	171	149

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS VERANDA WAY	SHEET NO. 400
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
5/26/17	JLC 2 EARTHWORK MODIFIED			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0		0		0	0

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

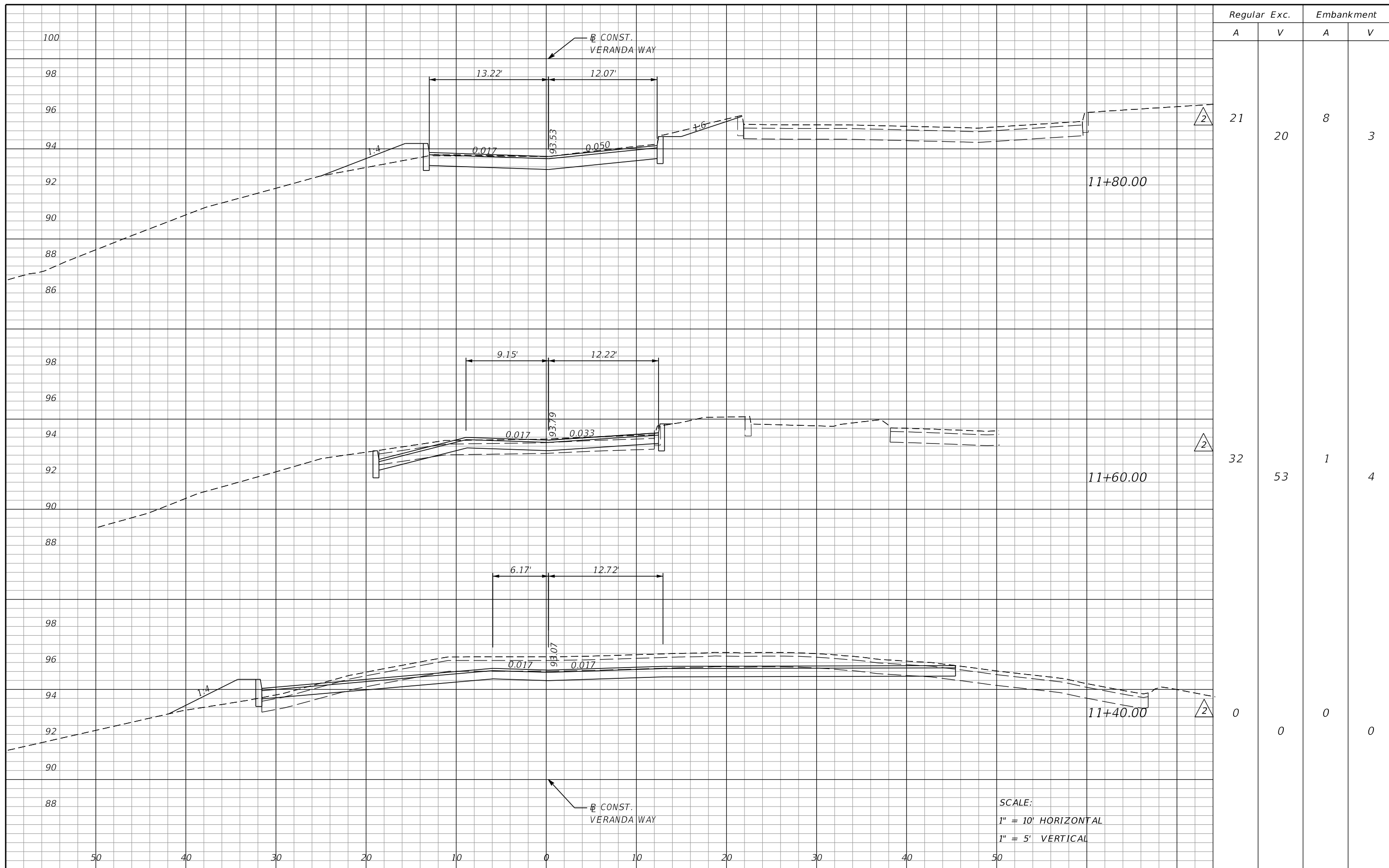
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**CROSS SECTIONS
 VERANDA WAY**

SHEET NO.
 401

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

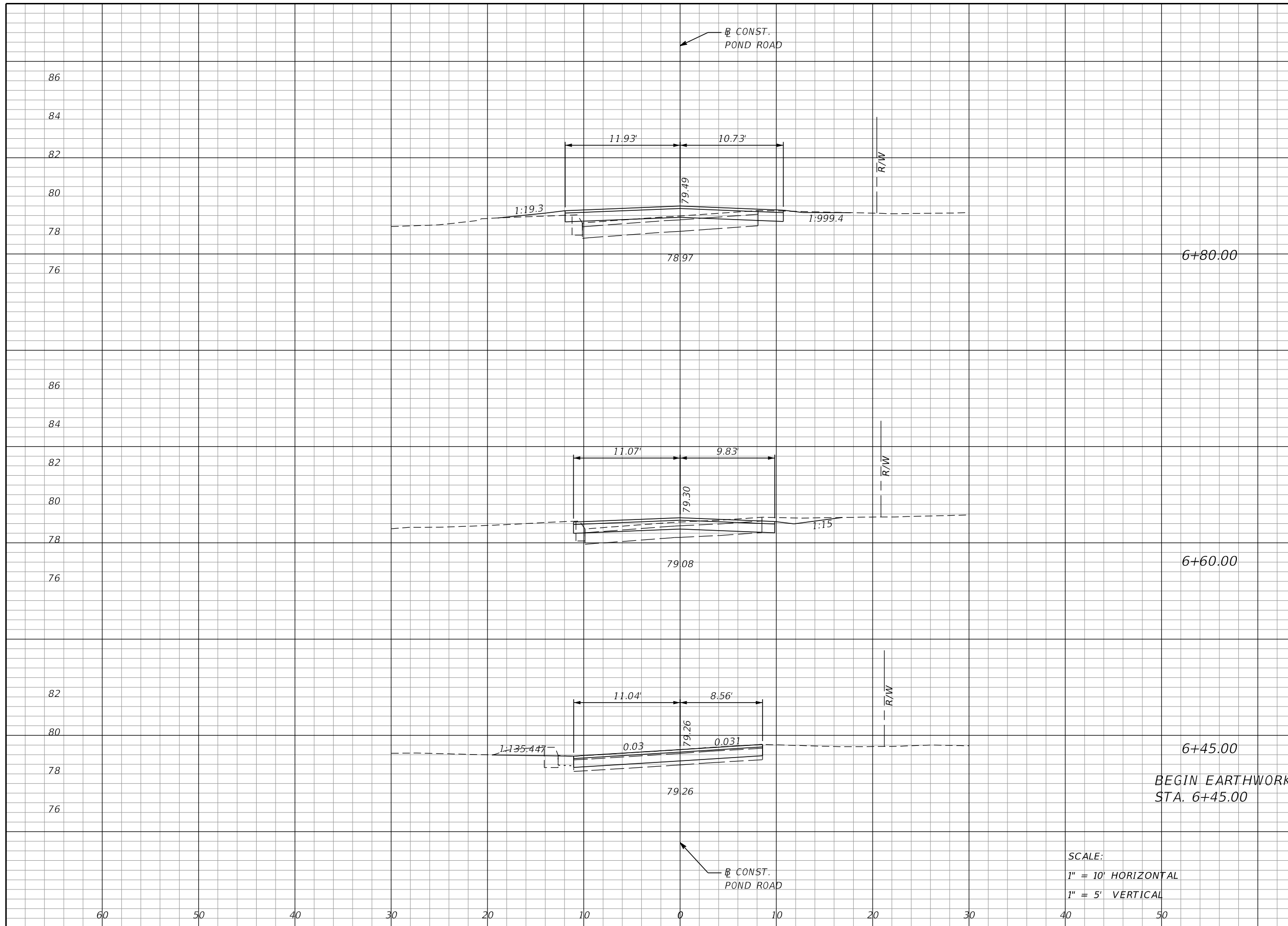


Regular Exc.		Embankment	
A	V	A	V
21	20	8	3
32	53	1	4
0	0	0	0

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS VERANDA WAY	SHEET NO. 401
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
5/26/17	JLC EARTHWORK MODIFIED			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
5		6		1	0
11		7		0	0
14		0		0	0

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

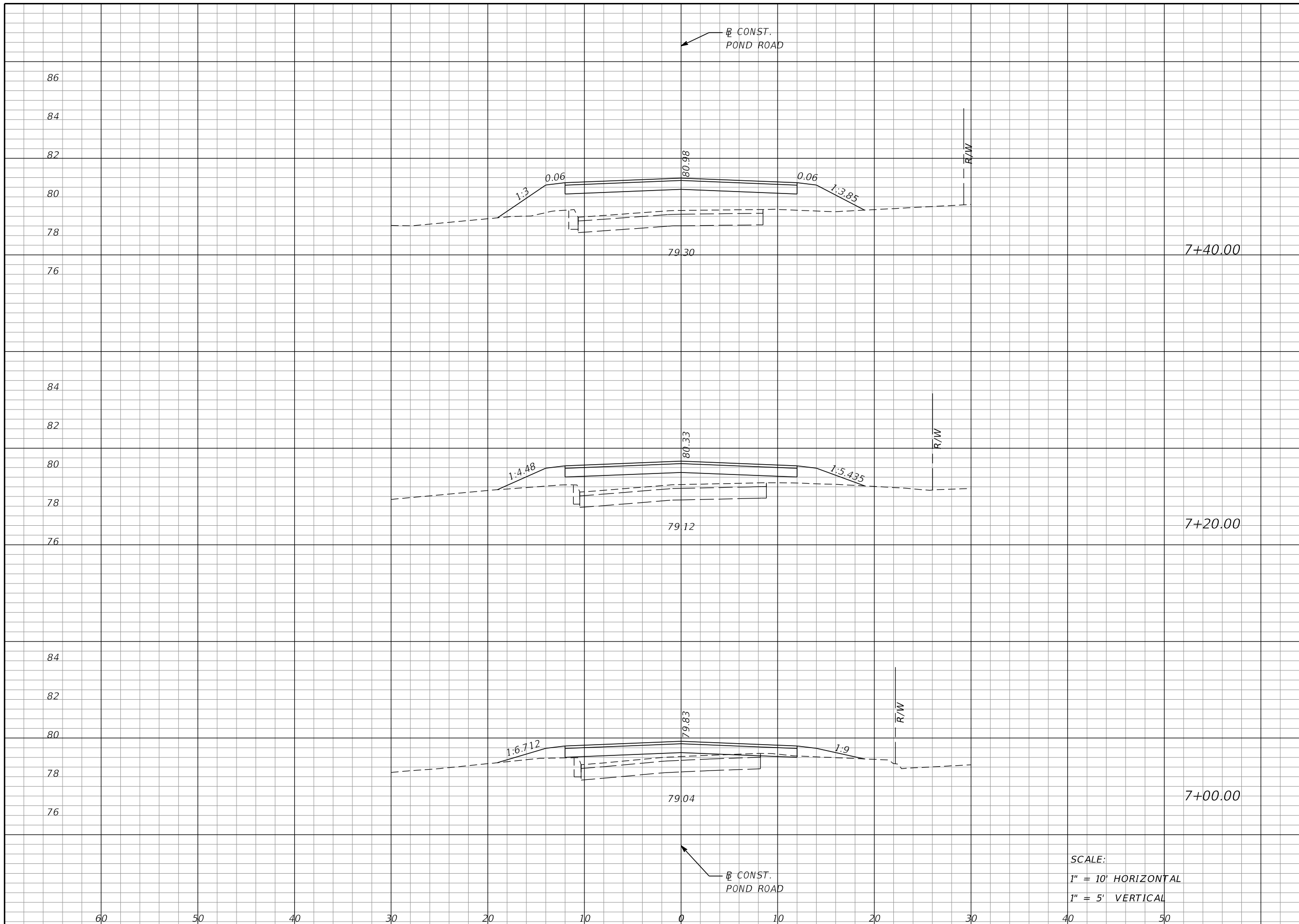
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
POND ROAD

SHEET NO.
402

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

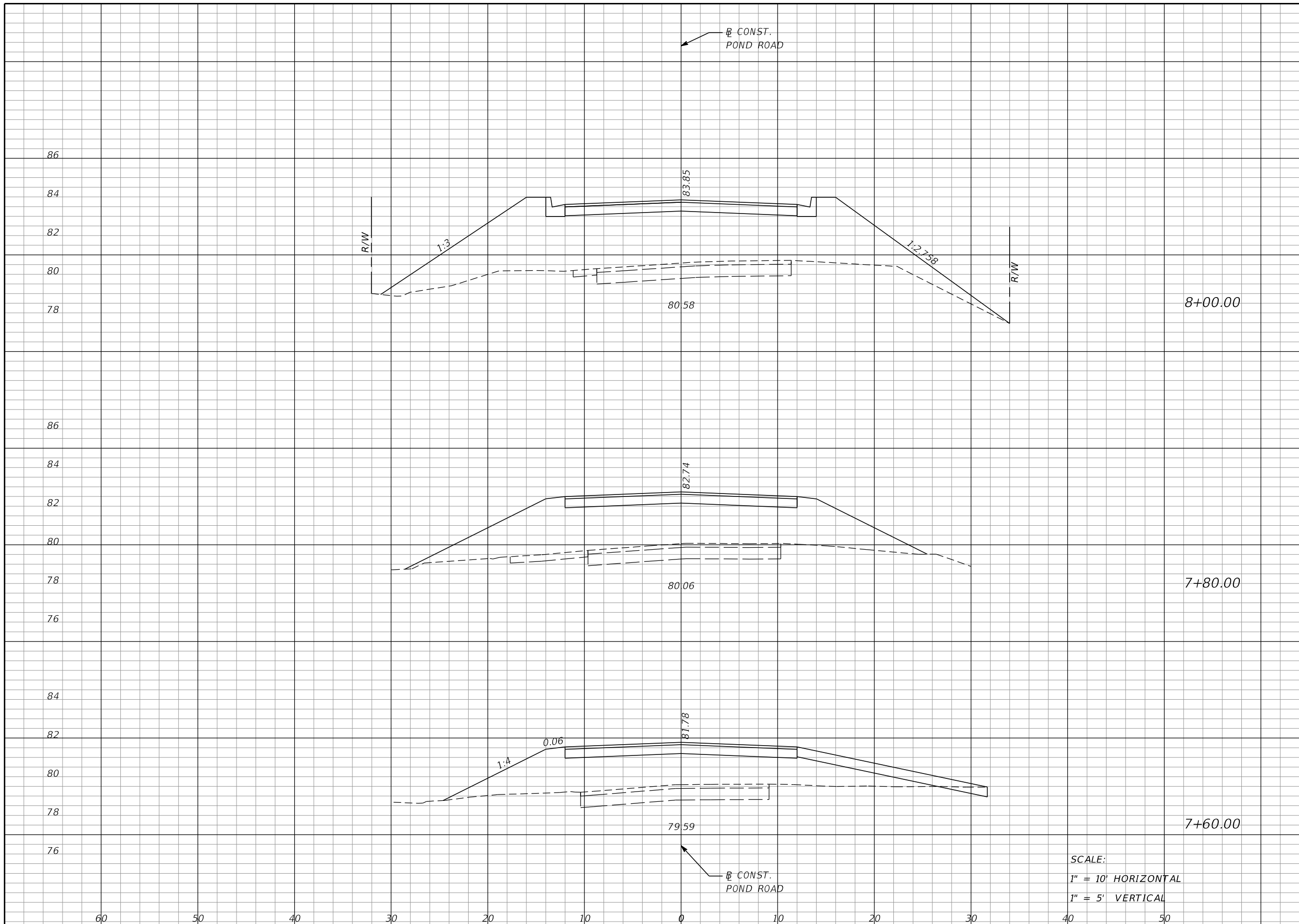


Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	38	22		
0	0	21	11		
1	2	8	3		

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS POND ROAD	SHEET NO. 403
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003			ROAD NO. COUNTY FINANCIAL PROJECT ID SR 46 LAKE 238275-2-52-01				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	139	86		
0	0	94	59		
1	0	65	38		

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

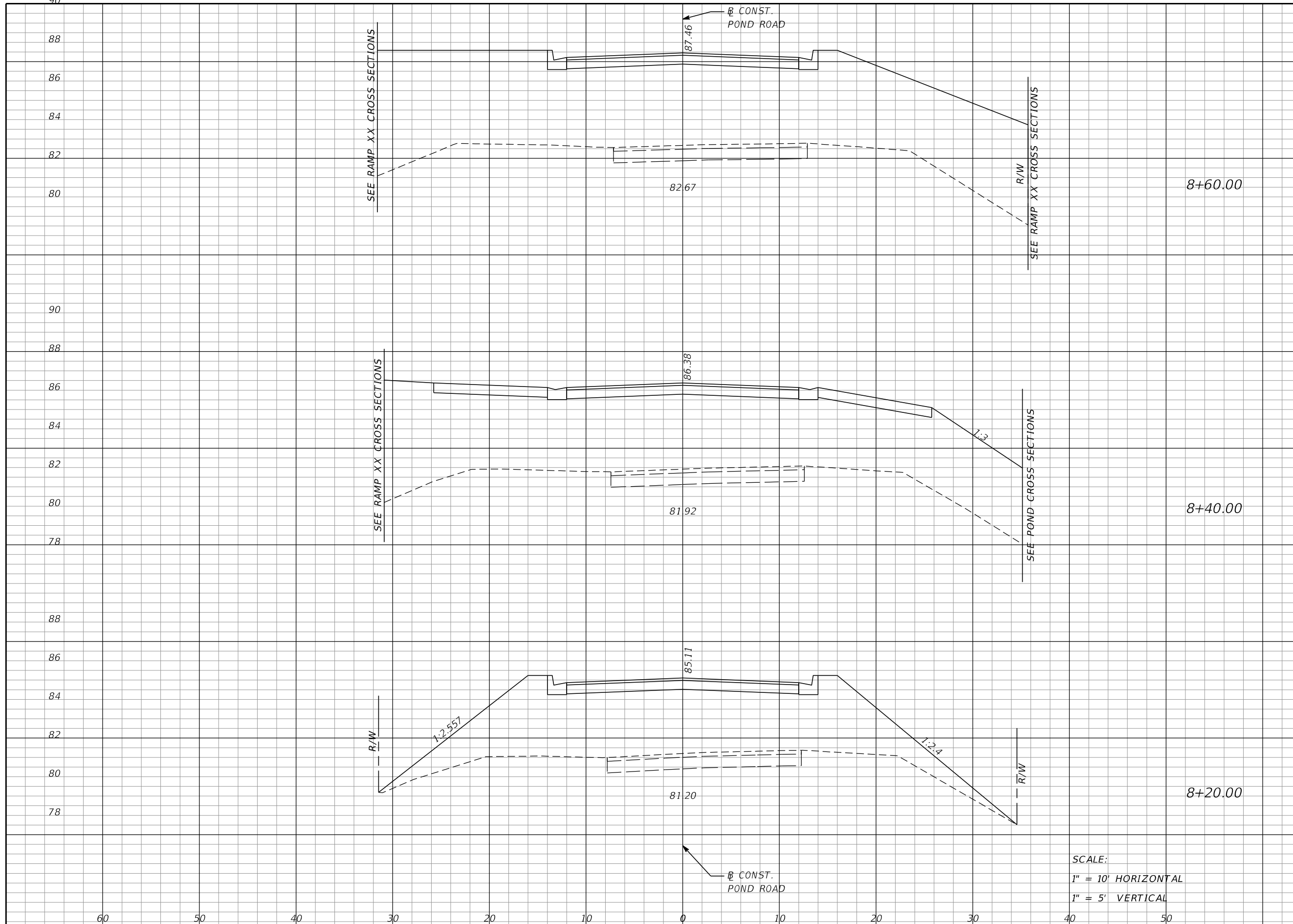
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
POND ROAD

SHEET NO.
404

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	302	207		
0	0	258	155		
0	0	161	111		

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

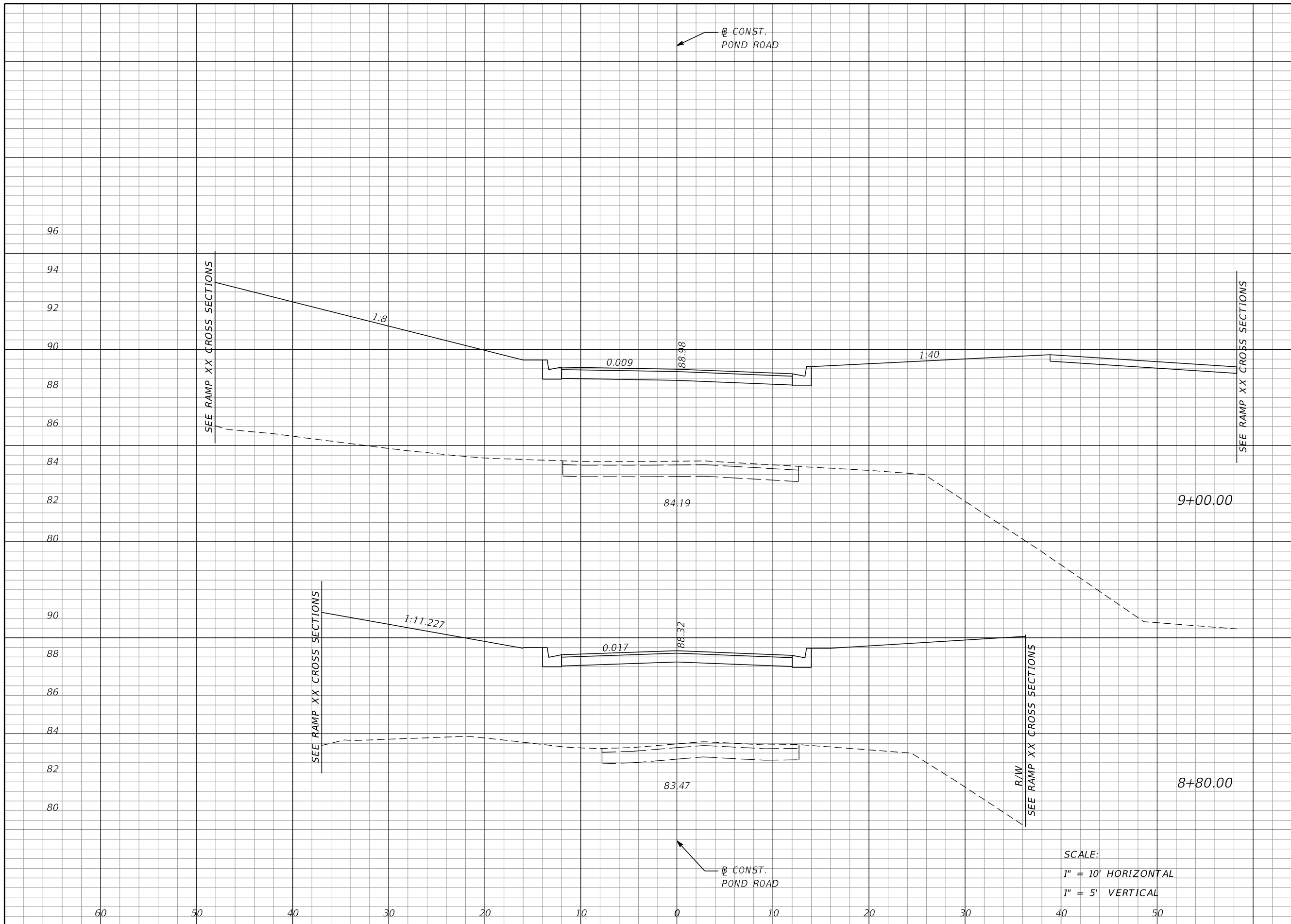
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

**CROSS SECTIONS
 POND ROAD**

SHEET NO.
405

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	752	425	0	0
0	0	395	258	0	0

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

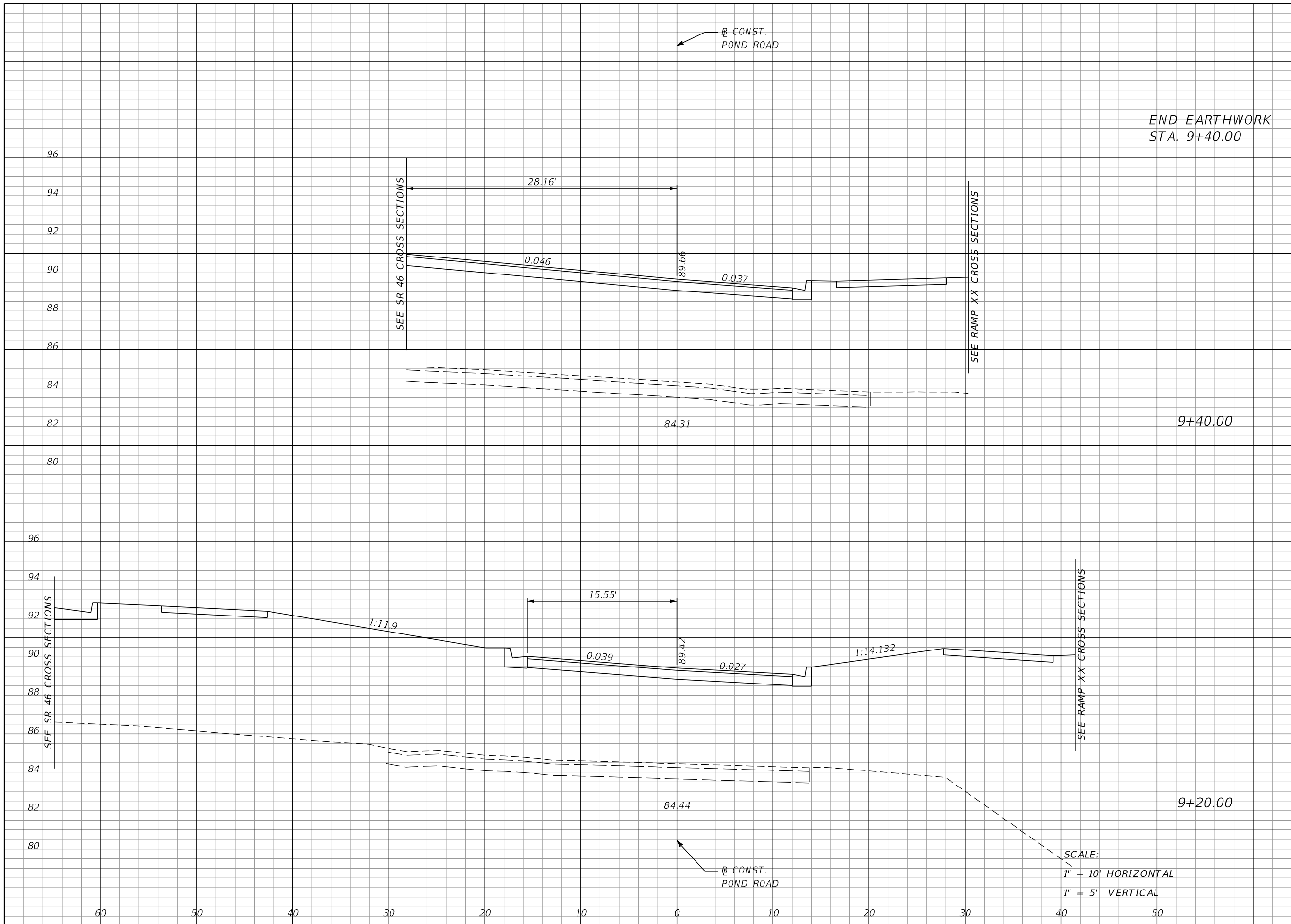
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
POND ROAD

SHEET NO.
406

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	304	0	344	0
0	0	624	0	510	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

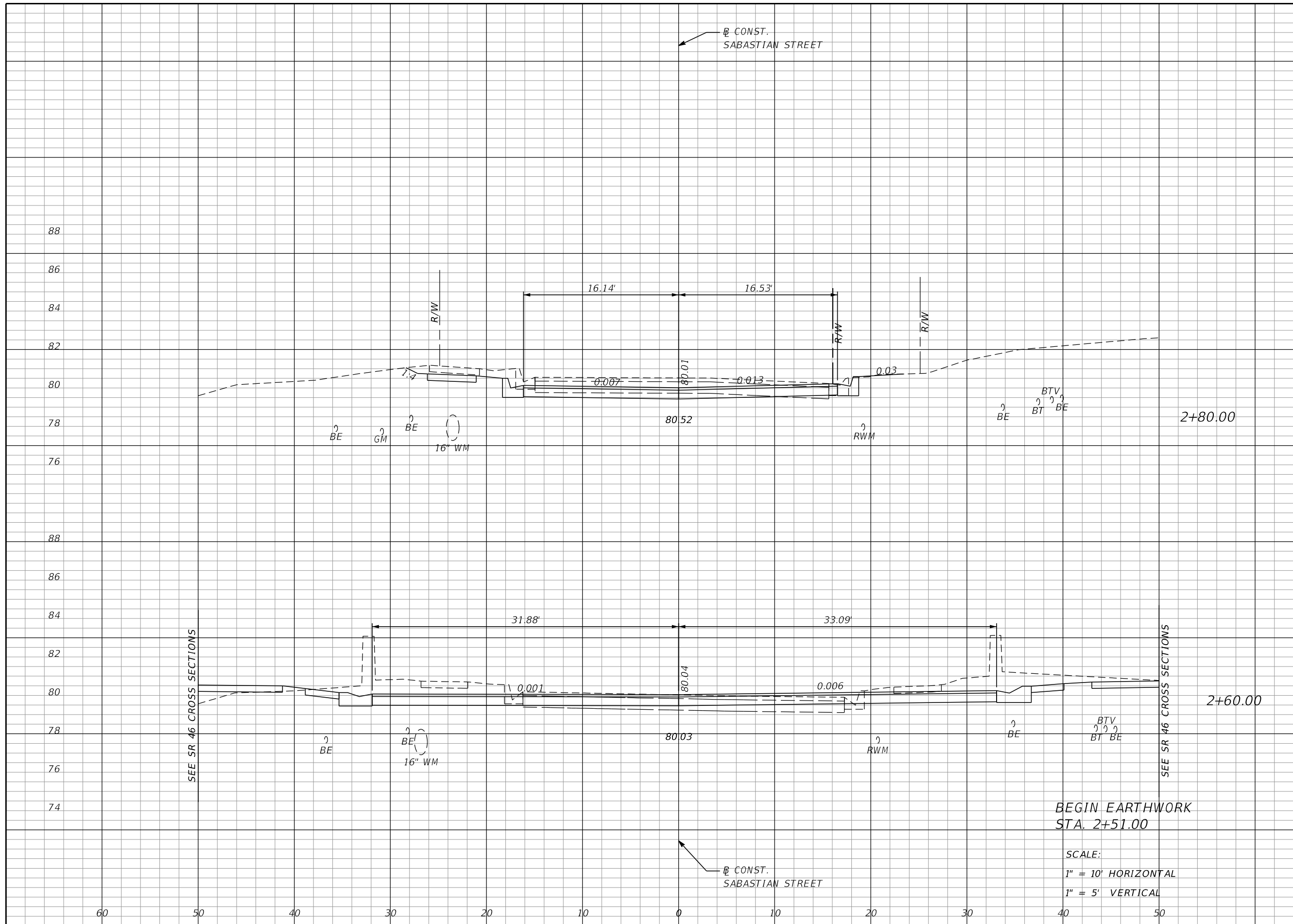
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
POND ROAD

SHEET NO.
407

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
42				0	
	43				1
75				2	
	0				0



B CONST.
SABASTIAN STREET

B CONST.
SABASTIAN STREET

BEGIN EARTHWORK
STA. 2+51.00

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

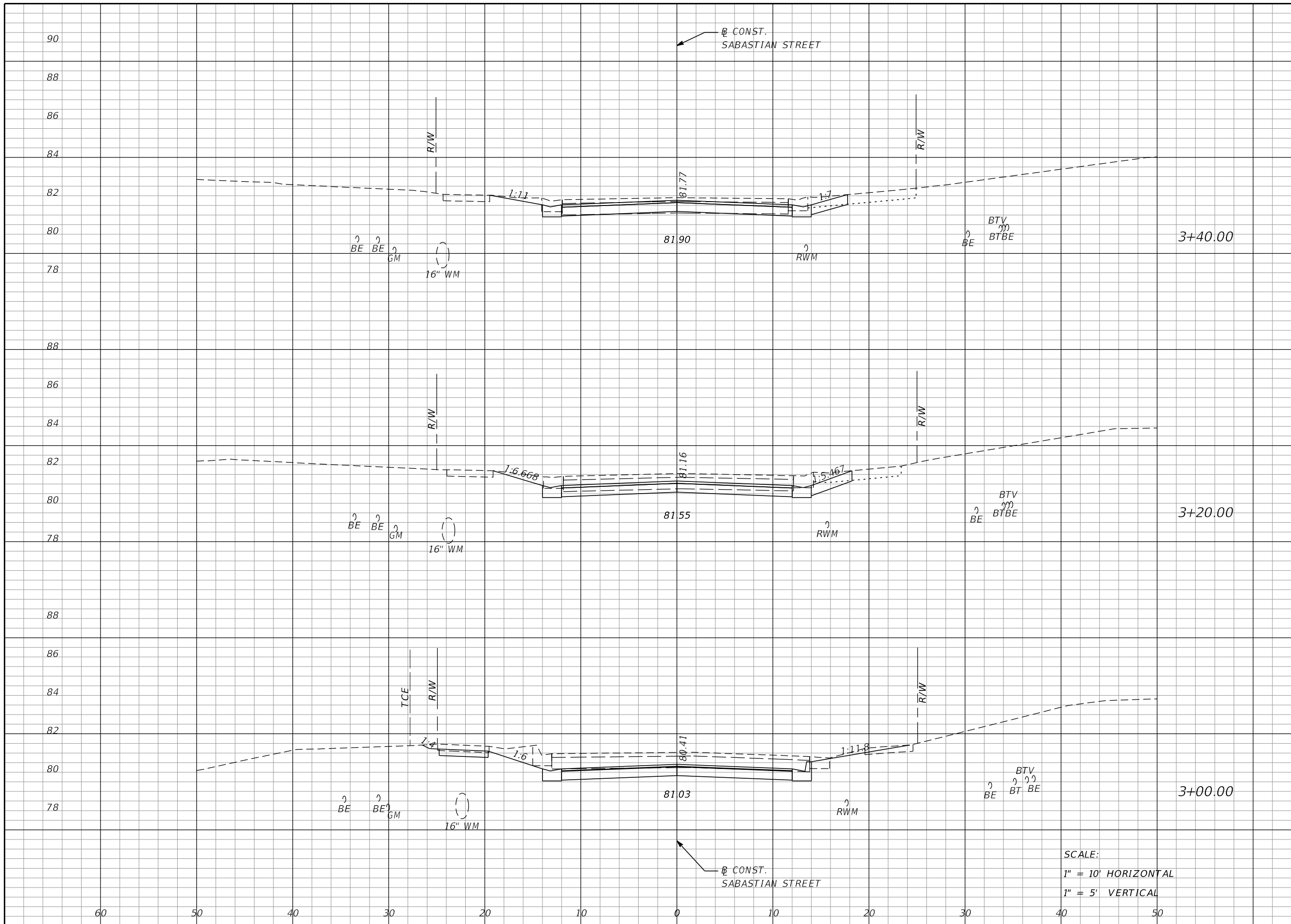
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**CROSS SECTIONS
SABASTIAN STREET**

SHEET NO.
408

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
26	22	0	0	0	0
34	29	0	0	0	0
44	32	0	0	0	0

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

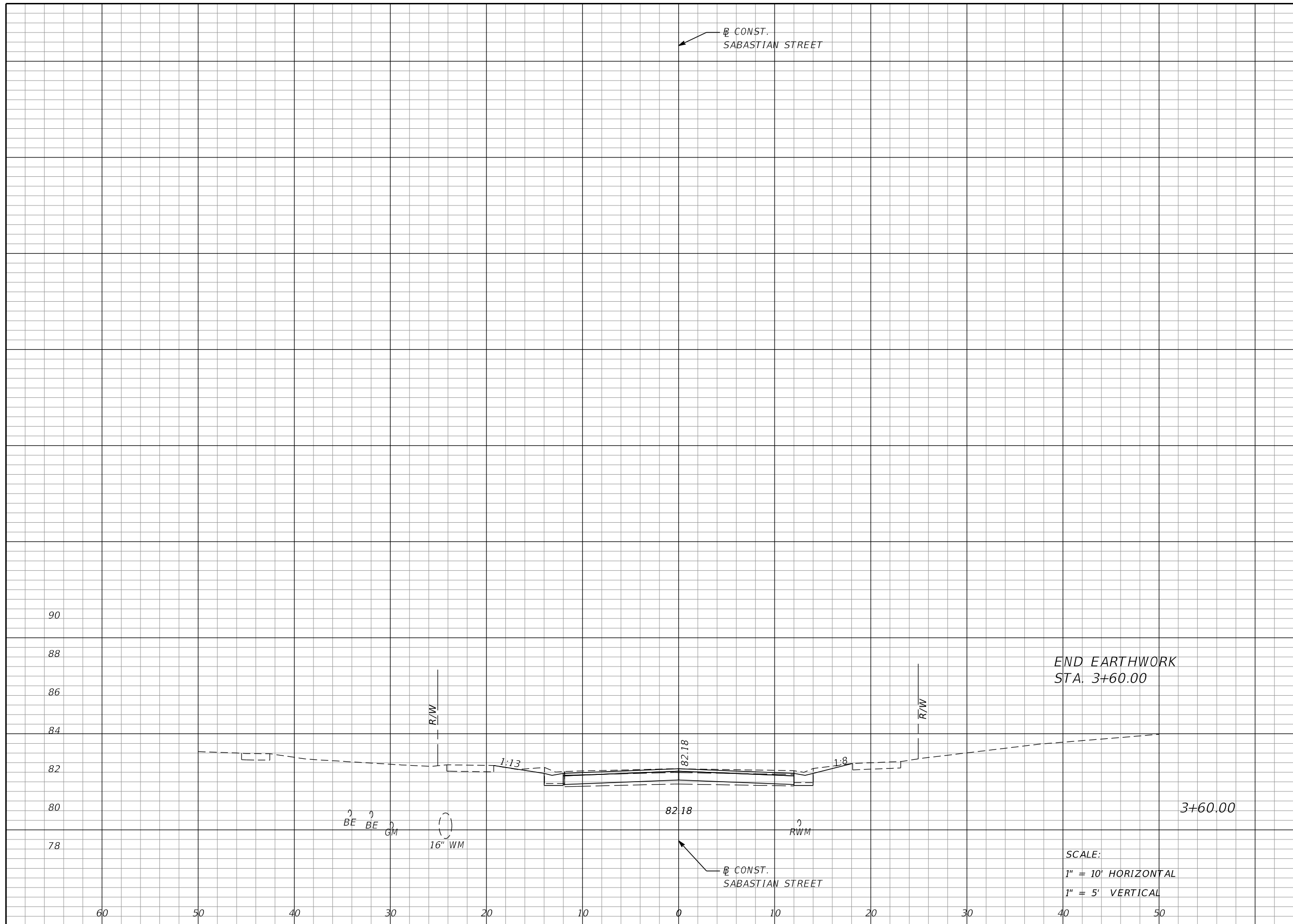
CROSS SECTIONS
SABASTIAN STREET

SHEET NO.
409

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular Exc. Embankment

A V A V



21 17 0 0

END EARTHWORK
STA. 3+60.00

3+60.00

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

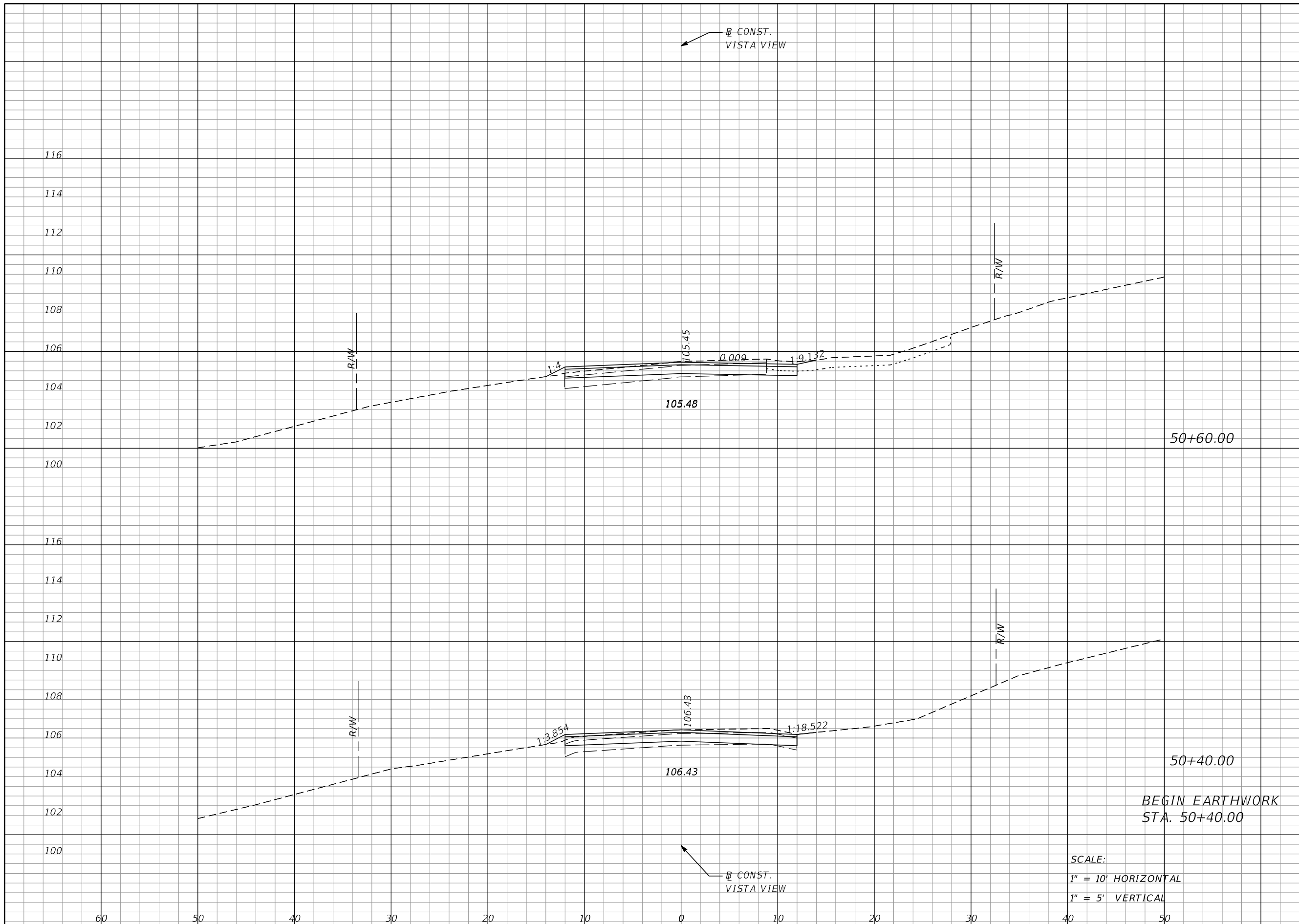
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**CROSS SECTIONS
SABASTIAN STREET**

SHEET NO.
410

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
14		10		0	0
14		0		0	0

B CONST.
VISTA VIEW

B CONST.
VISTA VIEW

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

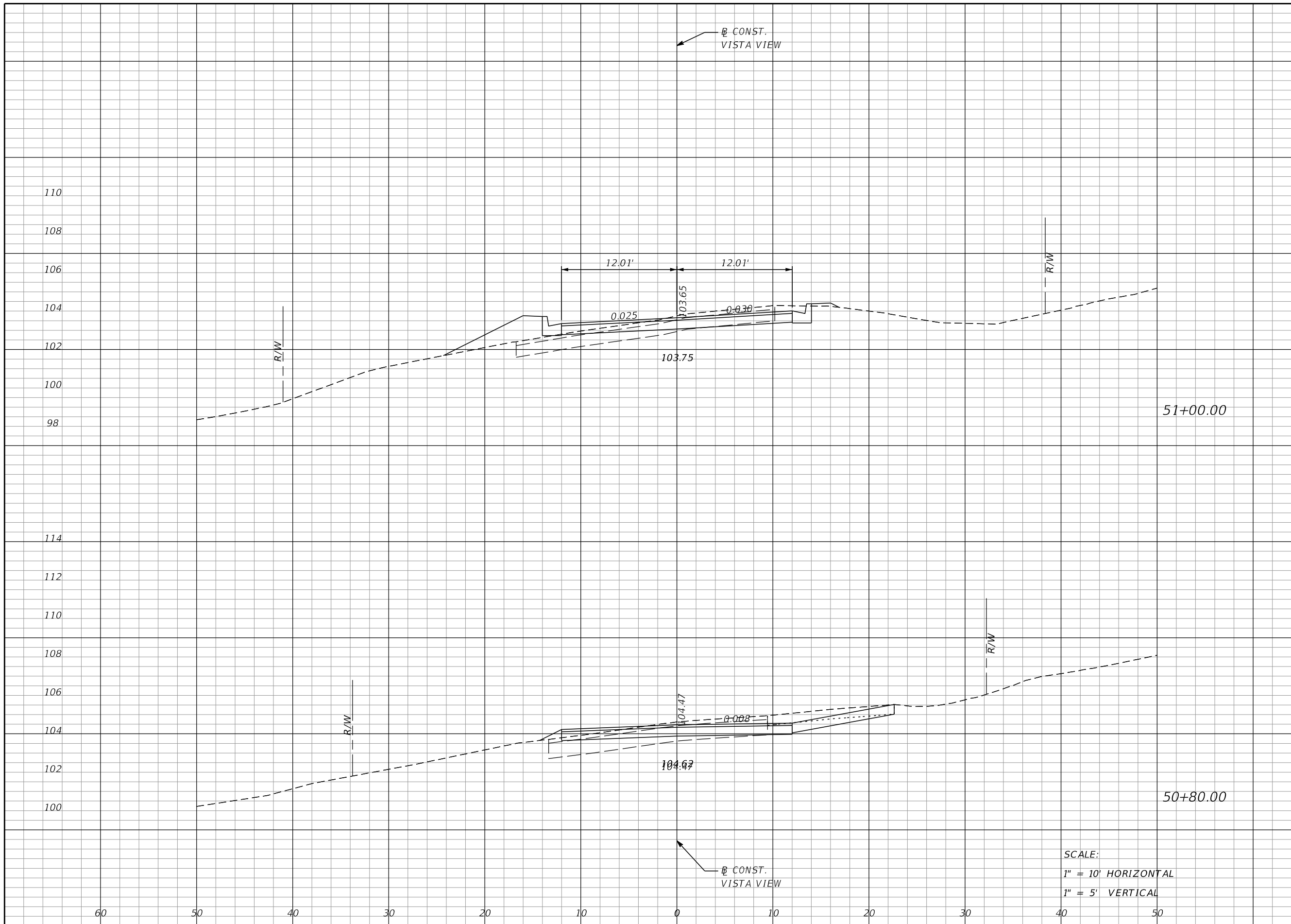
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
VISTA VIEW

SHEET NO.
411

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
16		15		8	
					3
24		14		1	
					0

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

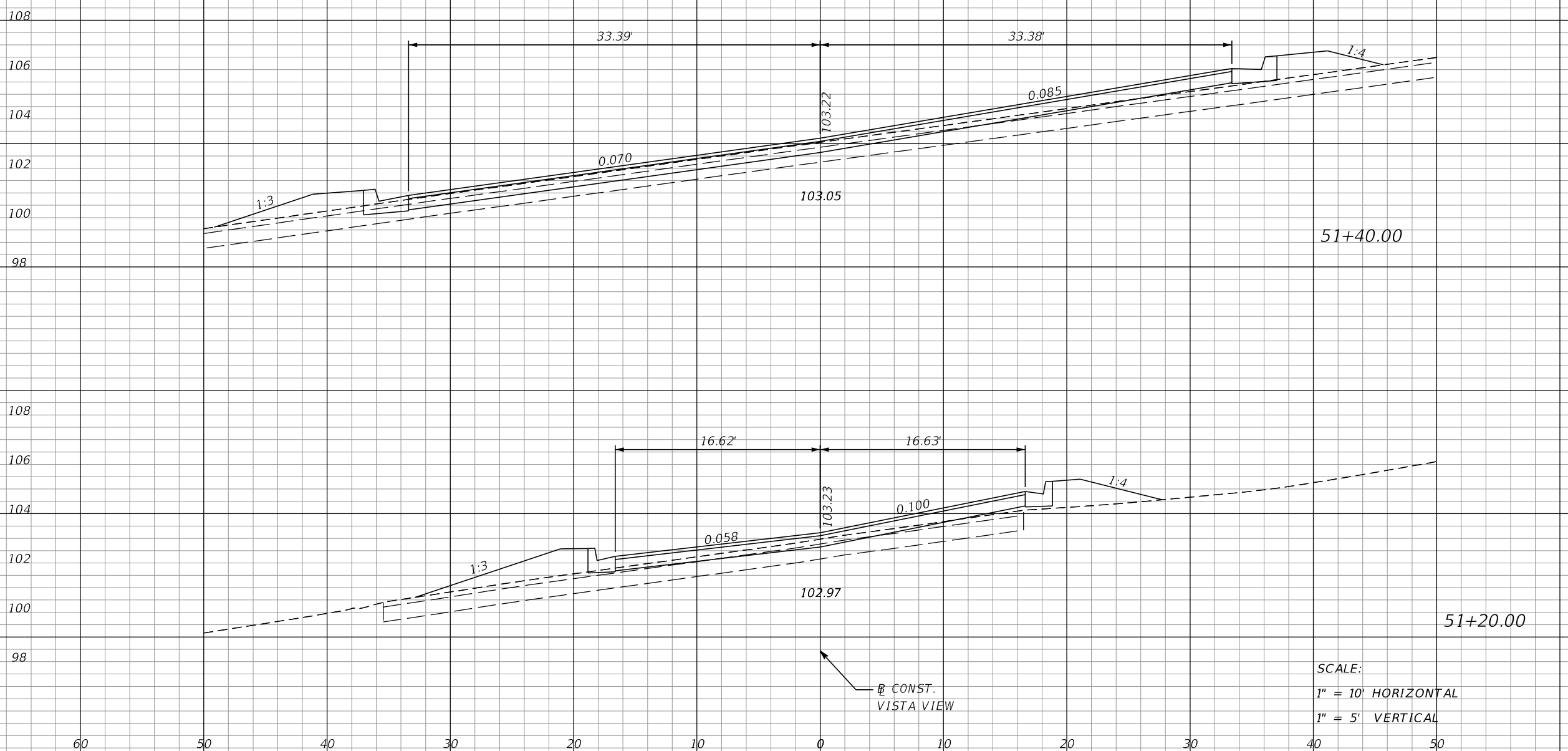
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
VISTA VIEW

SHEET NO.
412

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
21		10		12	
					10
5		8		16	
					9



END EARTHWORK
STA. 51+40.00

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

B CONST.
VISTA VIEW

B CONST.
VISTA VIEW

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

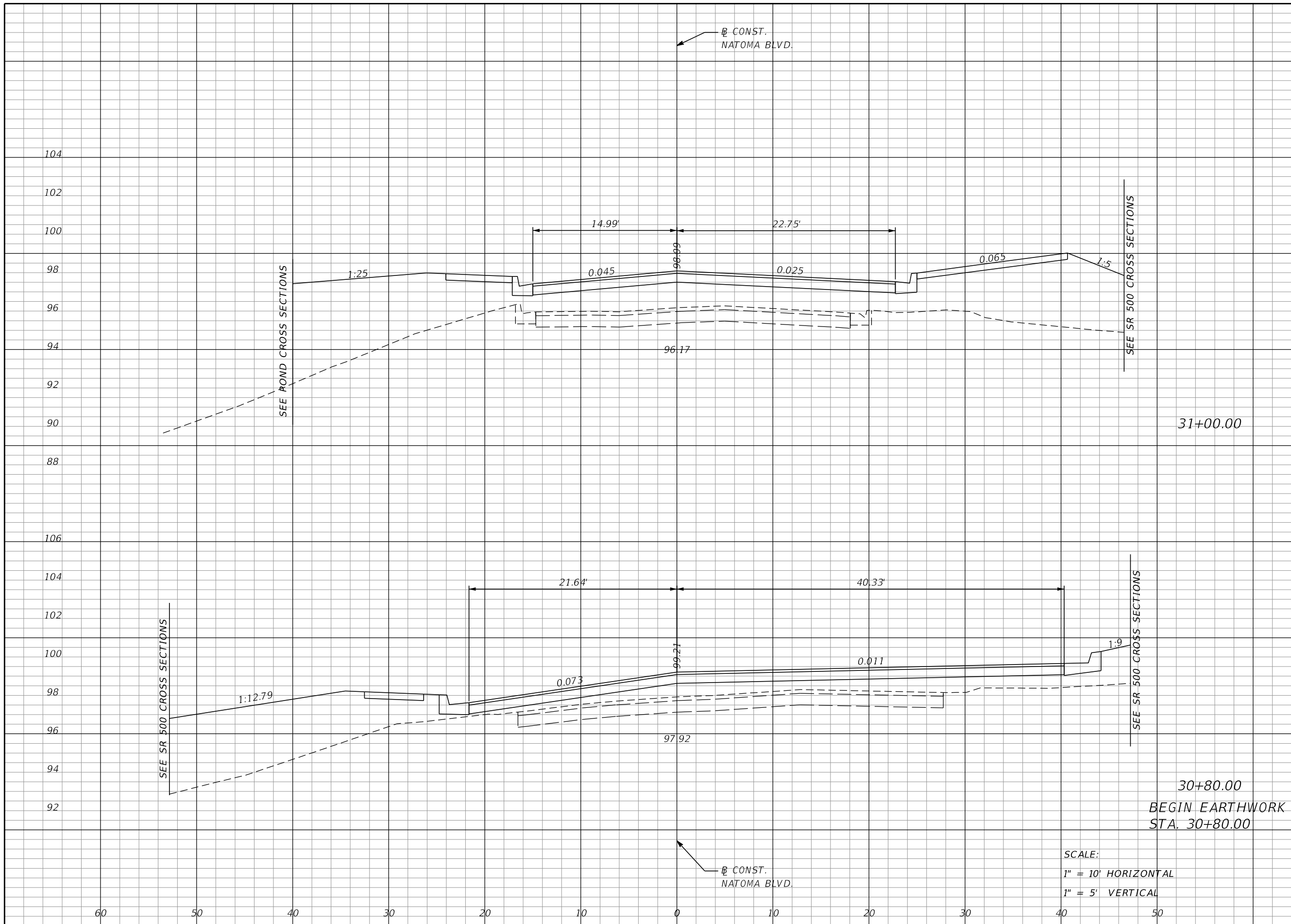
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
VISTA VIEW

SHEET NO.
413

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	181	0	112	0

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

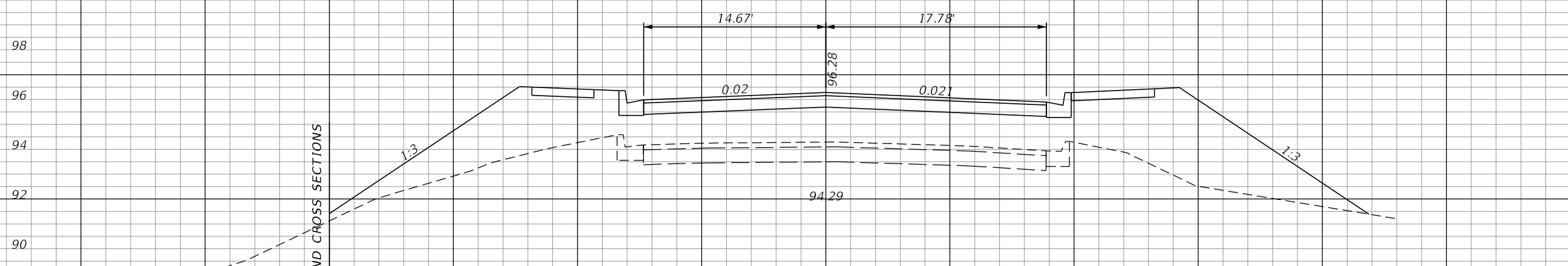
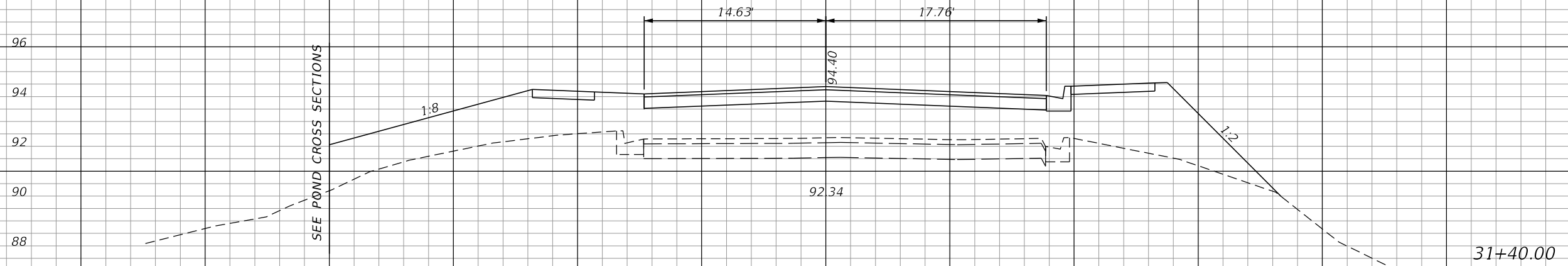
CROSS SECTIONS
NATOMA BLVD.

SHEET NO.
414

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	118	94	0	0
0	0	136	117	0	0

CONST.
NATOMA BLVD.



CONST.
NATOMA BLVD.

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

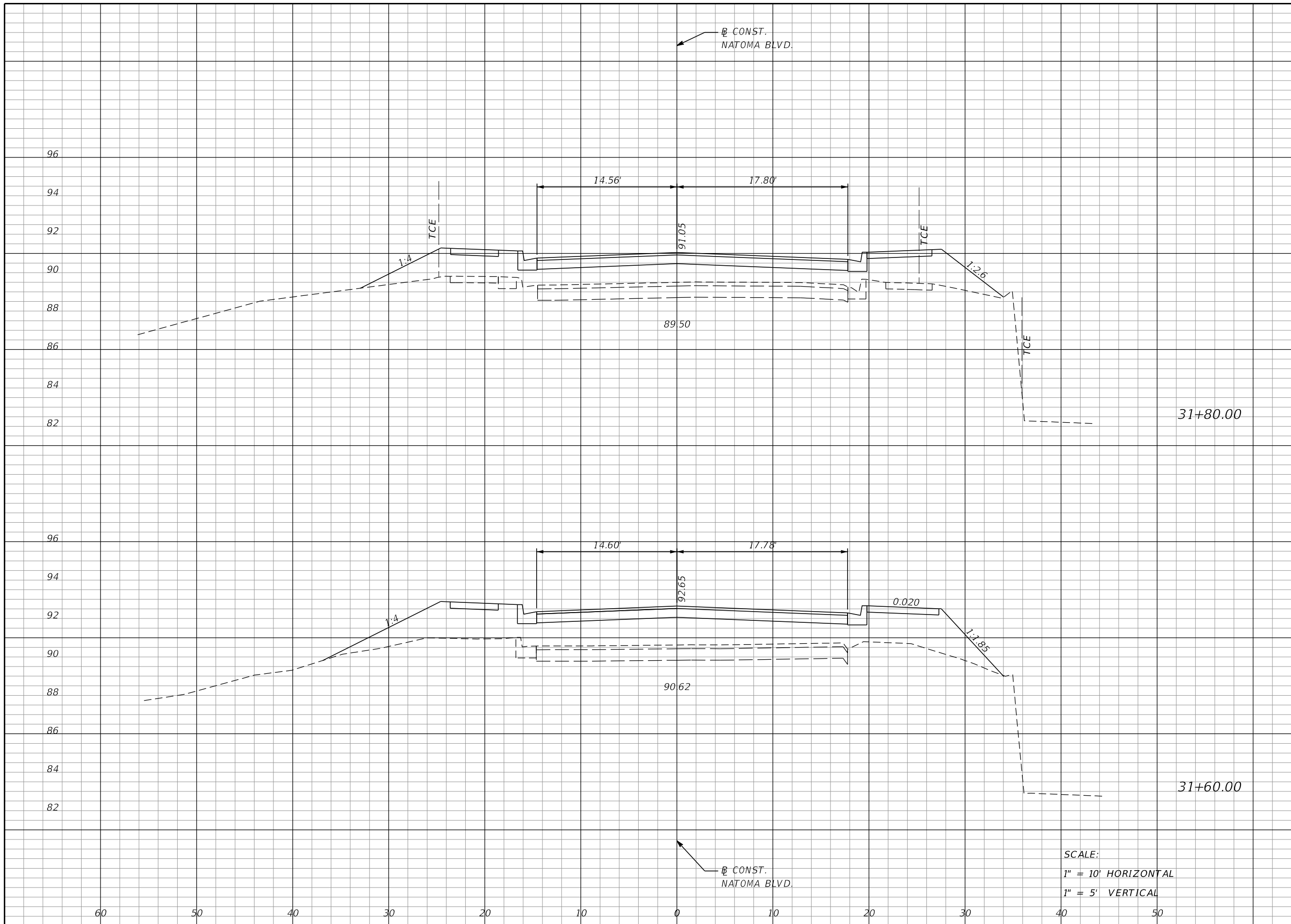
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
NATOMA BLVD.

SHEET NO.
415

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	64	0	57	0
0	0	89	0	77	0

SCALE:
 1" = 10' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
NATOMA BLVD.

SHEET NO.
416

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	15	19		
0	0	35	37		

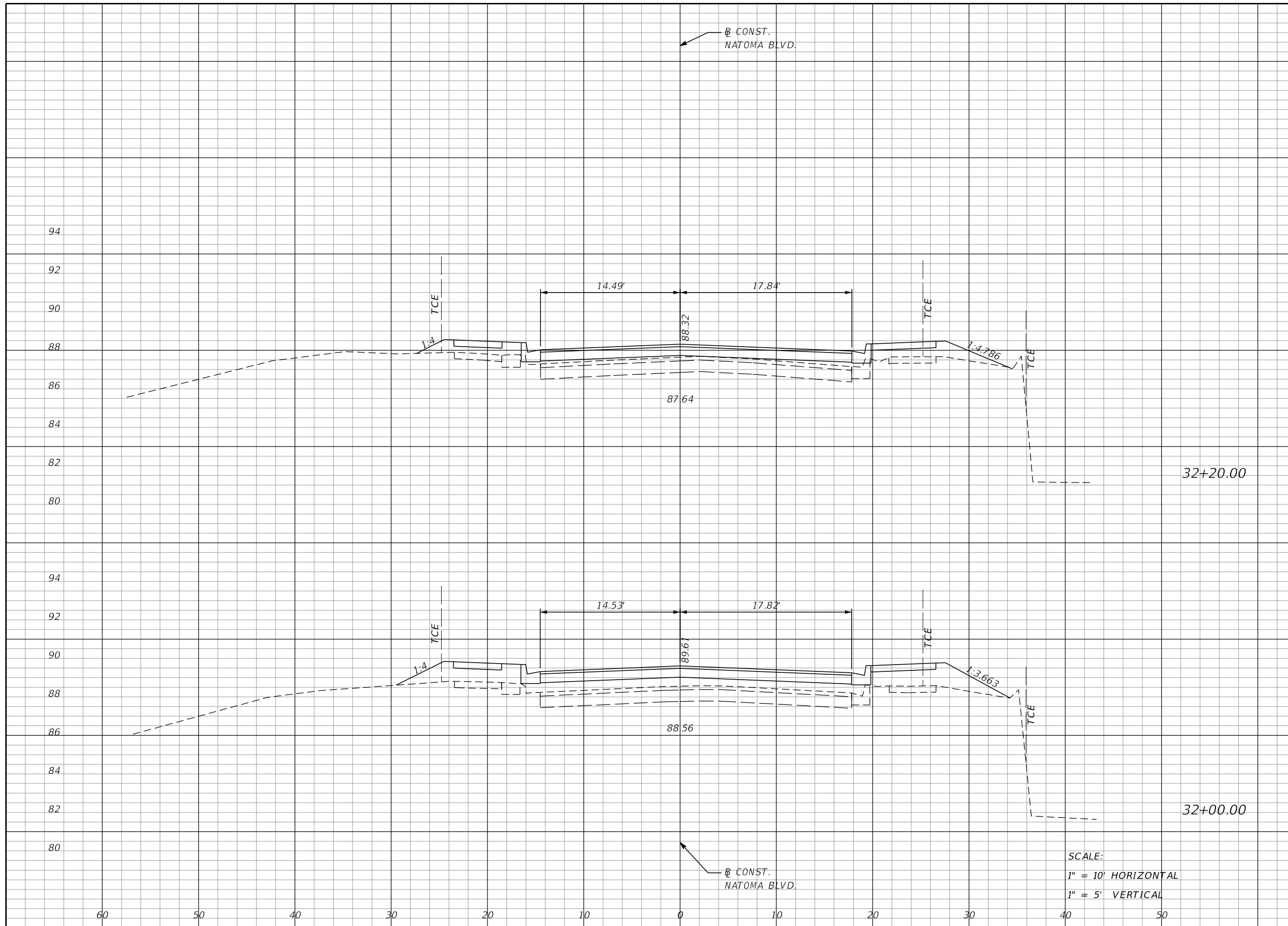
94
92
90
88
86
84
82
80

60 50 40 30 20 10 0 10 20 30 40 50

CONST.
NATOMA BLVD.

CONST.
NATOMA BLVD.

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

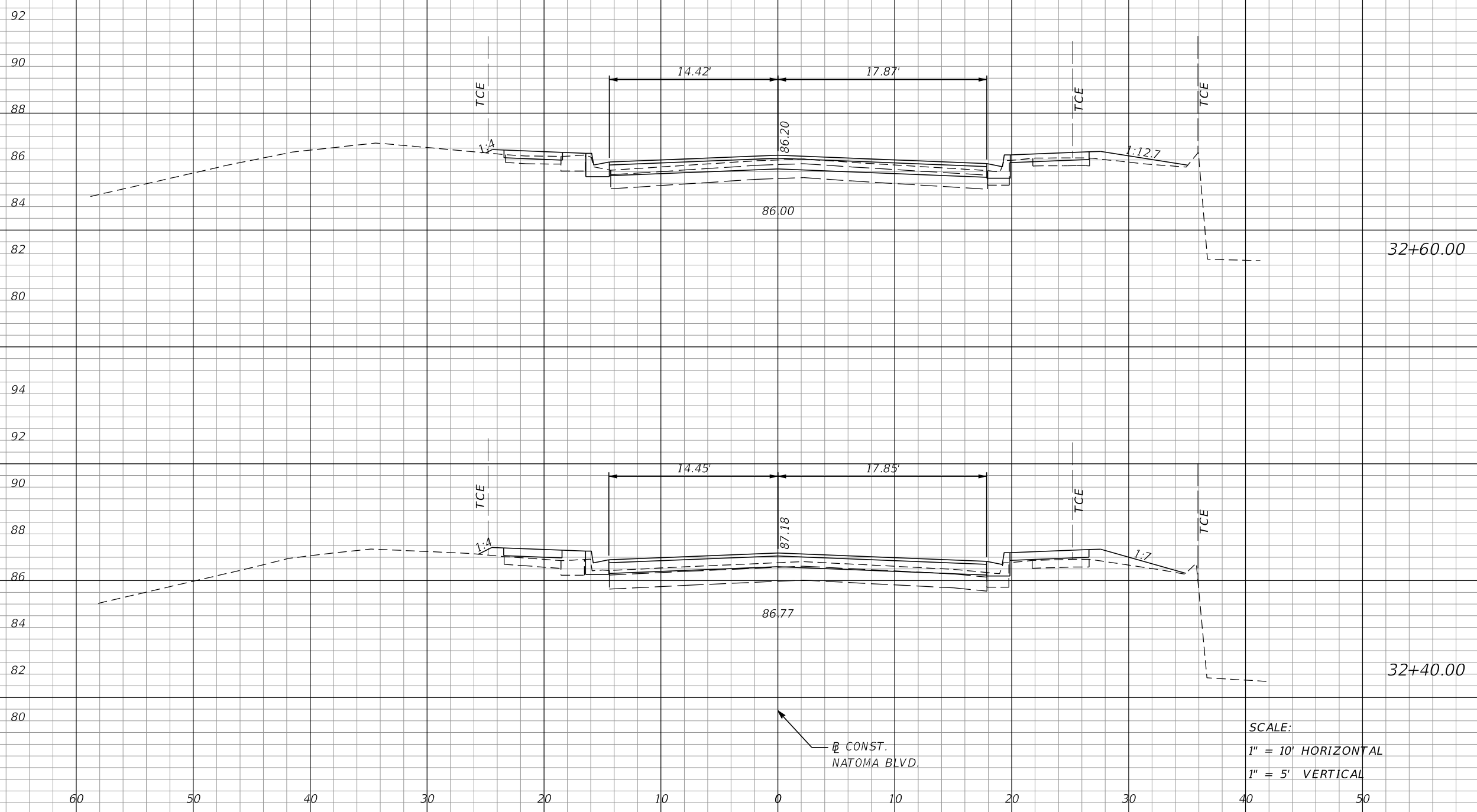
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
NATOMA BLVD.

SHEET NO.
417

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V
15	8	2	2		
7	3	4	7		



← B CONST.
NATOMA BLVD.

← B CONST.
NATOMA BLVD.

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
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CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
NATOMA BLVD.

SHEET NO.
418

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular Exc. Embankment

A V A V

B CONST.
NATOMA BLVD.



26 15 0 1

SCALE:
1" = 10' HORIZONTAL
1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

CROSS SECTIONS
NATOMA BLVD.

SHEET NO.
419

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

156
154
152
150
148
146
144
142
140
138
136

154
152
150
148
146
144
142
140
138

360 320 280 240 200 160 120 80 40 0 40 80

CONST. SR 46

LA R/W

LA R/W

SEE ROADWAY CROSS SECTIONS

SEE ROADWAY CROSS SECTIONS

32+53.70

32+37.40

BEGIN EARTHWORK
STA. 32+37.40

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	339	190	16	38
0	0	289	0	111	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-1

SHEET NO.
420

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

148
146
144
142
140
138
136
134
132
130
128

156
154
152
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134
132
130
128

360 320 280 240 200 160 120 80 40 0 40 80

CONST. SR 46

CONST. SR 46

SEE ROADWAY CROSS SECTIONS

SEE ROADWAY CROSS SECTIONS

POND BOTTOM
EL. 130.0

1:6.8

1:4

143

143

33+18.50

33+00.40

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1129	544	1	1
0	0	495	721	1	15

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

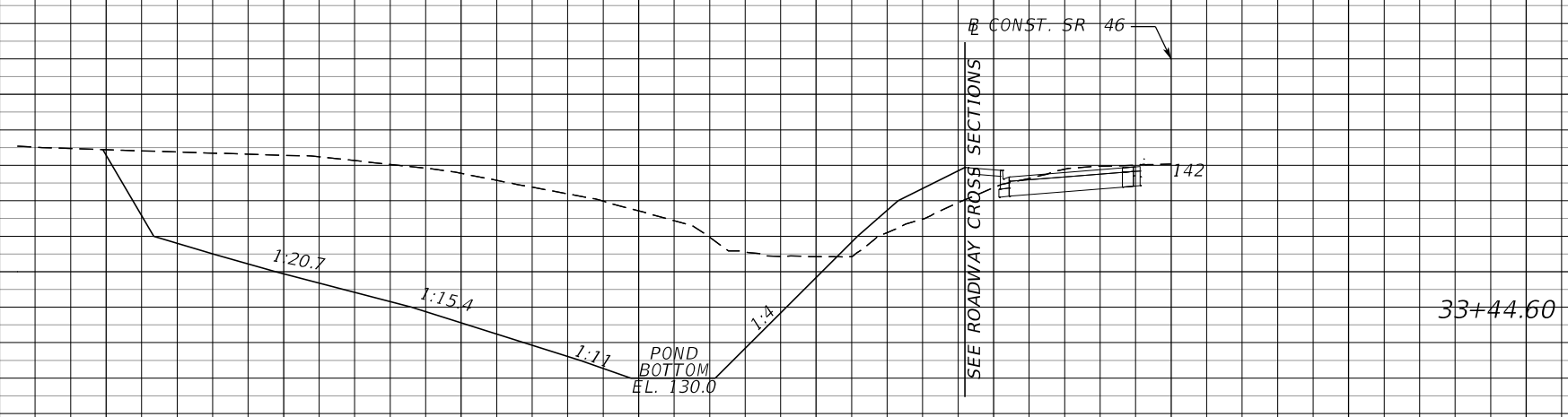
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB 441-1-1

SHEET NO.
421

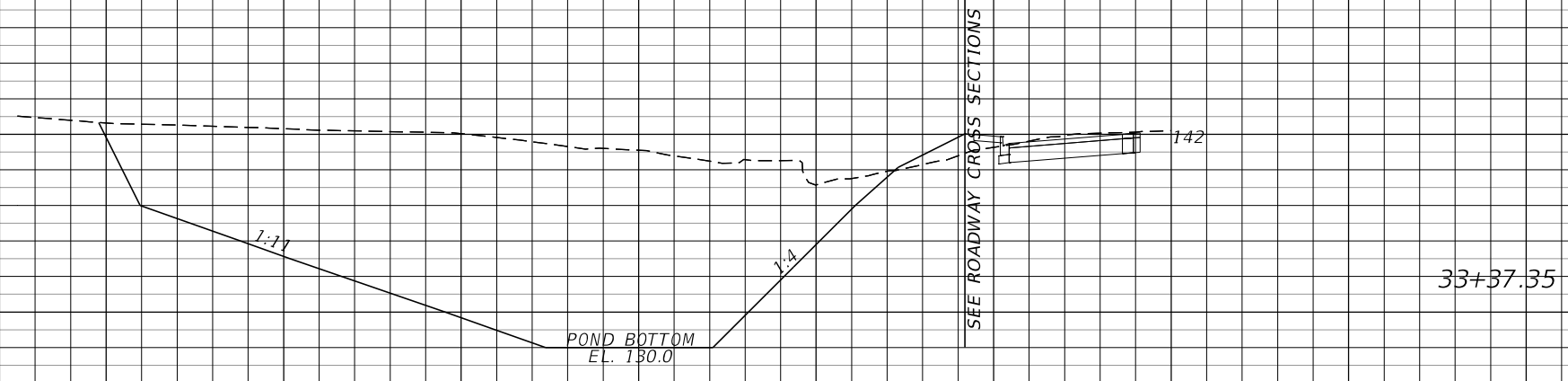
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

144
142
140
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128



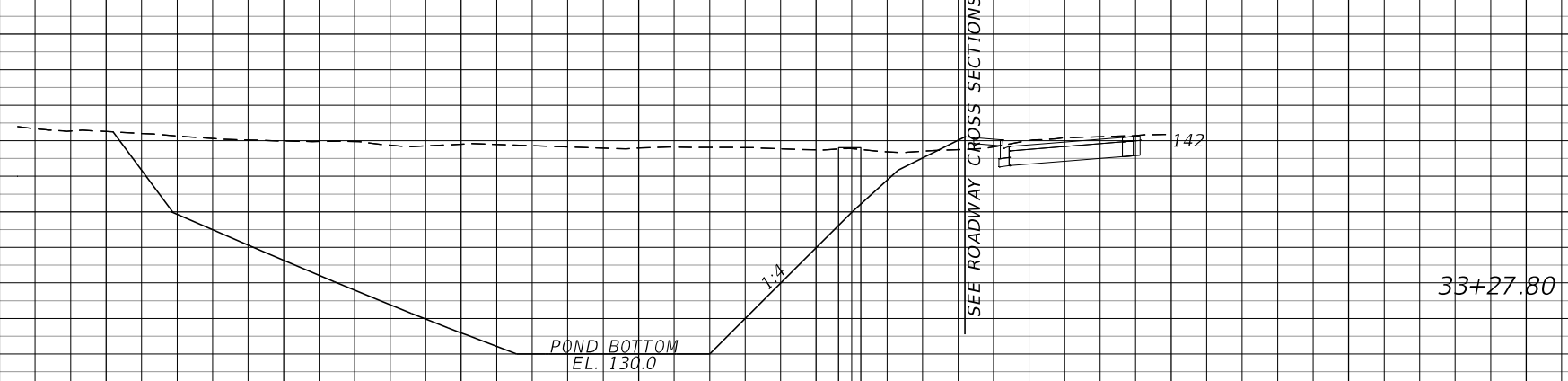
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1110	335	39	7

144
142
140
138
136
134
132
130



0	0	1388	498	10	2
---	---	------	-----	----	---

142
140
138
136
134
132
130
128



0	0	1429	441	2	1
---	---	------	-----	---	---

PB-1
33+25.63 R 1
SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

360 320 280 240 200 160 120 80 40 0 40 80

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND CROSS SECTIONS WB 441-1-1	SHEET NO. 422
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

148
146
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132

144
142
140
138
136
134
132
130

SEE ROADWAY CROSS SECTIONS

SEE ROADWAY CROSS SECTIONS

CONST. SR 46

33+62.30

33+50.00

1:20.7

1:15.4

1:11

1:4



SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	954	415	42	22
0	0	867	198	53	9

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

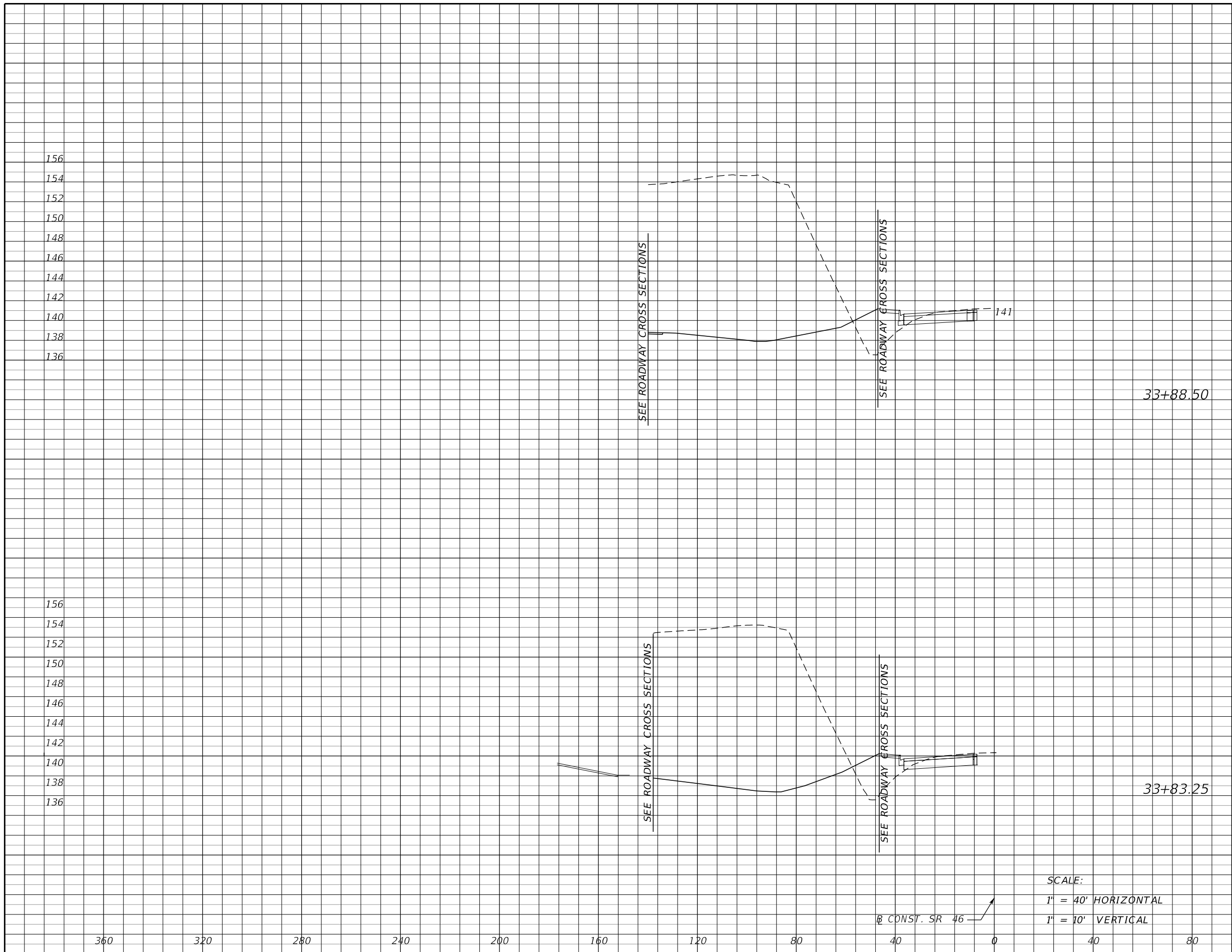
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-1

SHEET NO.
423

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1105	212	30	6
0	0	1078	788	32	29

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

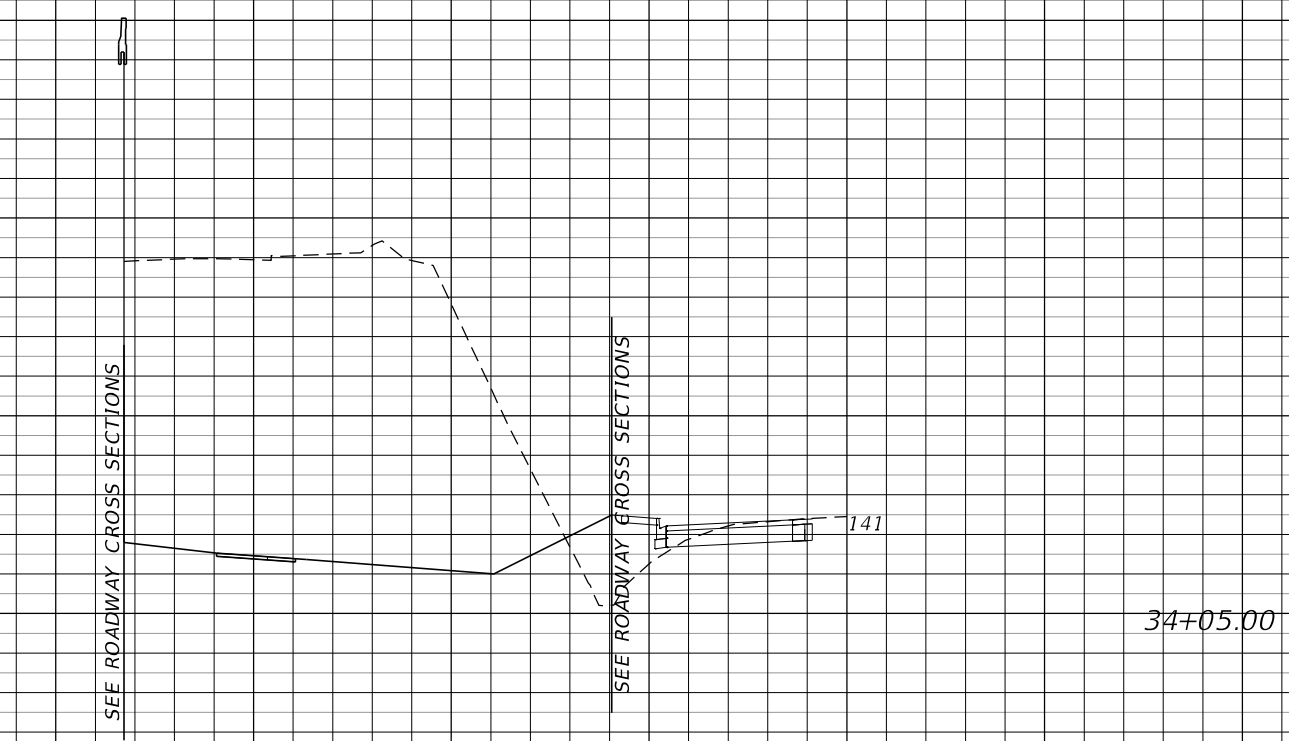
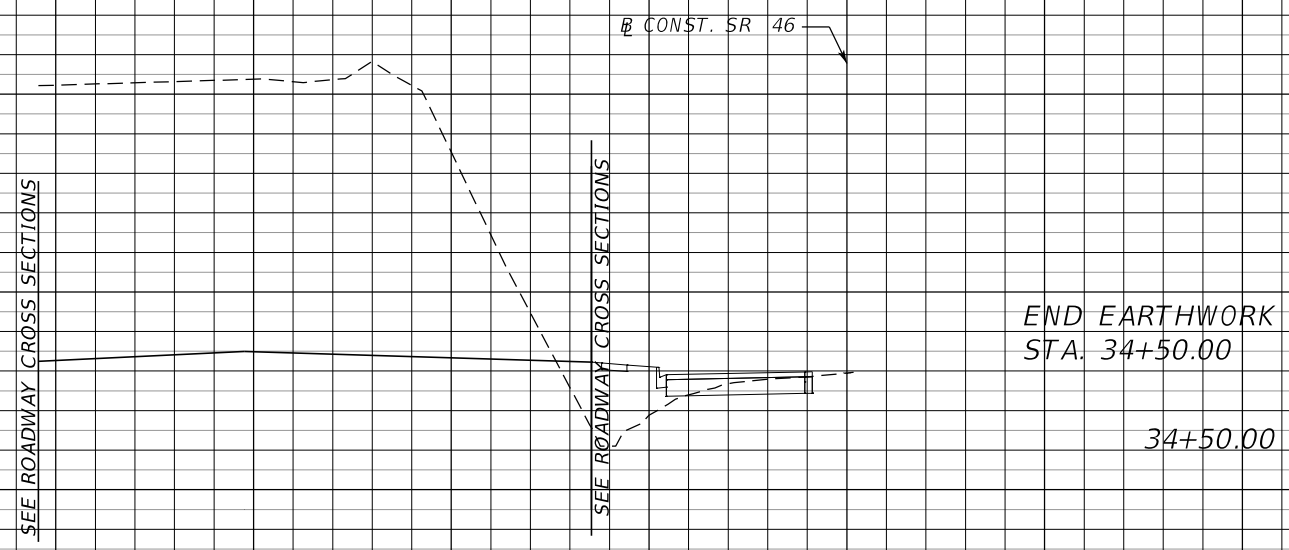
DATE		DESCRIPTION		DATE		DESCRIPTION		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND CROSS SECTIONS WB441-1-1		SHEET NO. 424
								ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

156
154
152
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150
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146
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142
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138
136

360 320 280 240 200 160 120 80 40 0 40 80



SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1257	2020	12	32
0	0	1167	694	26	17

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

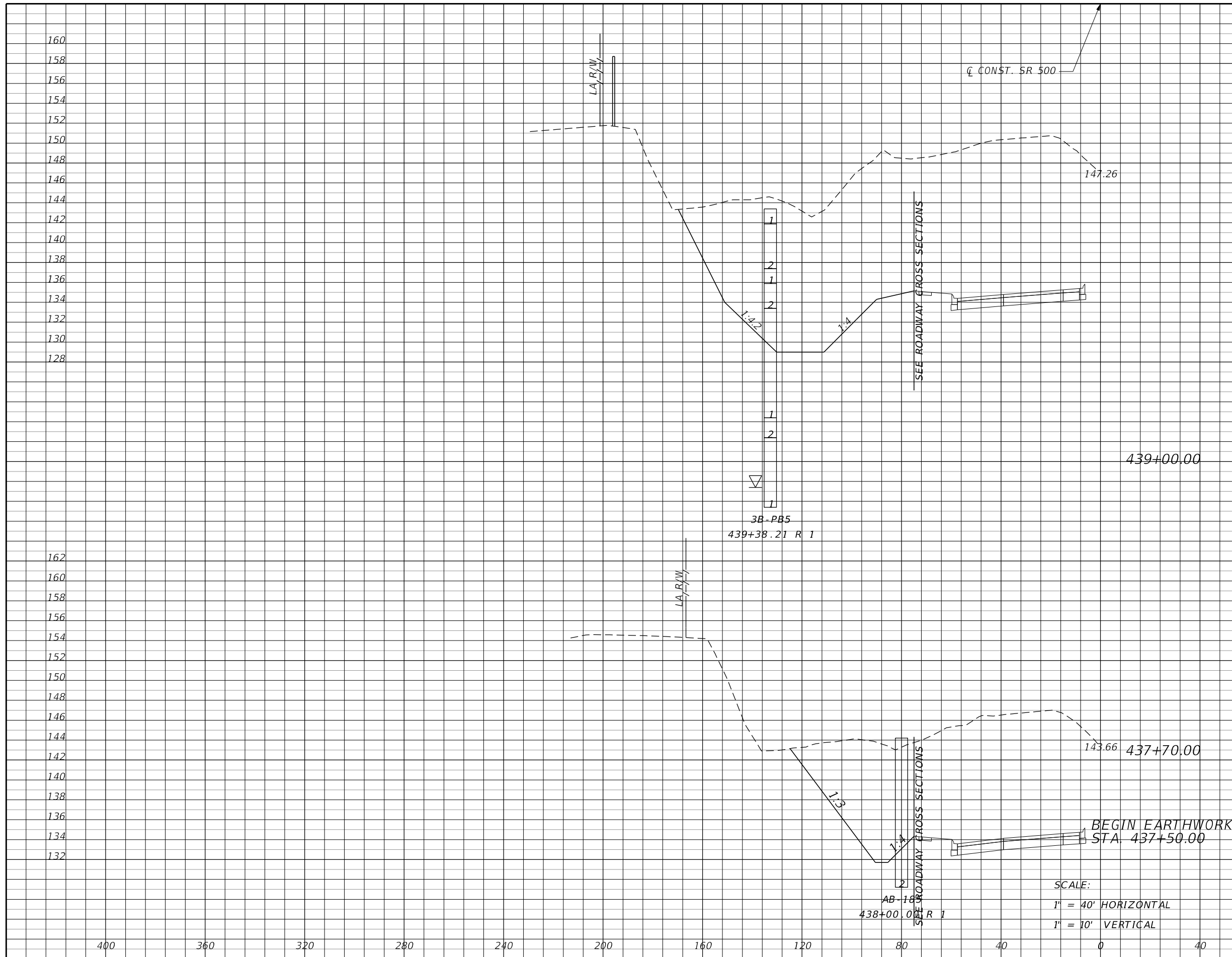
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB 441-1-1

SHEET NO.
425

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1153	3703	0	0
0	0	385	143	0	0
0	0	0	0	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

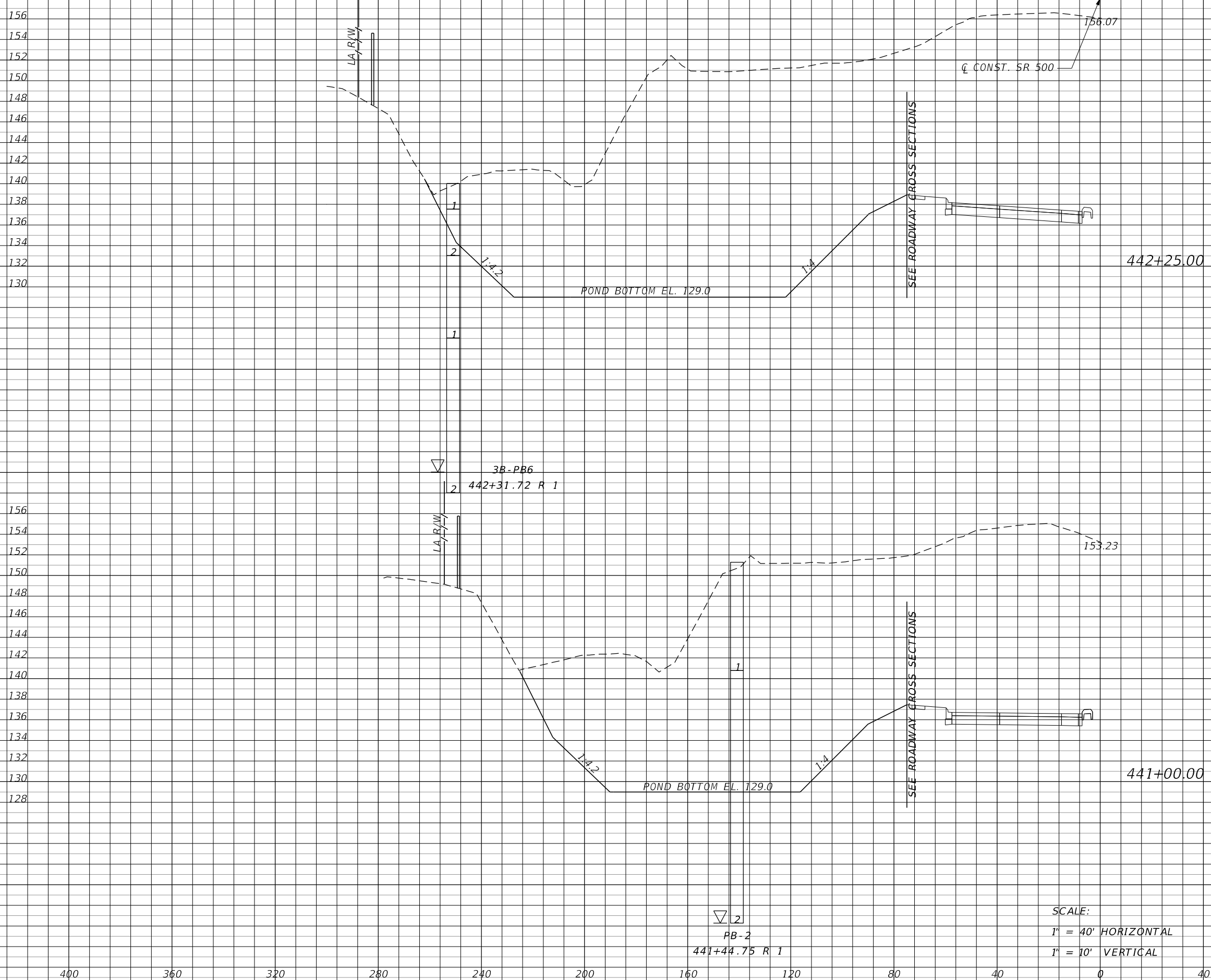
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-2

SHEET NO.
 426

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

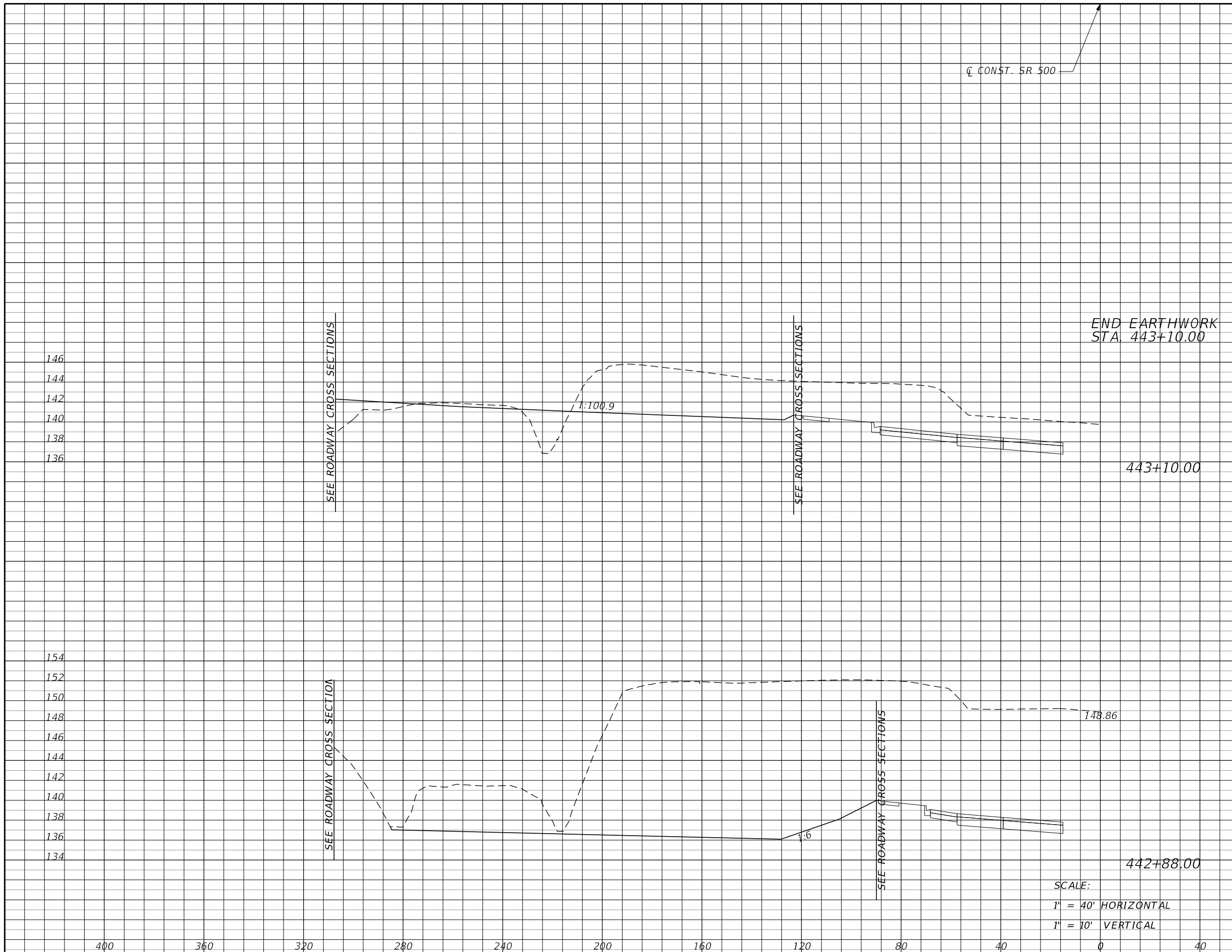


Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	2946	12157	0	0
0	0	2306	12811	0	0

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND CROSS SECTIONS WB 441-1-2		SHEET NO. 427
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01			

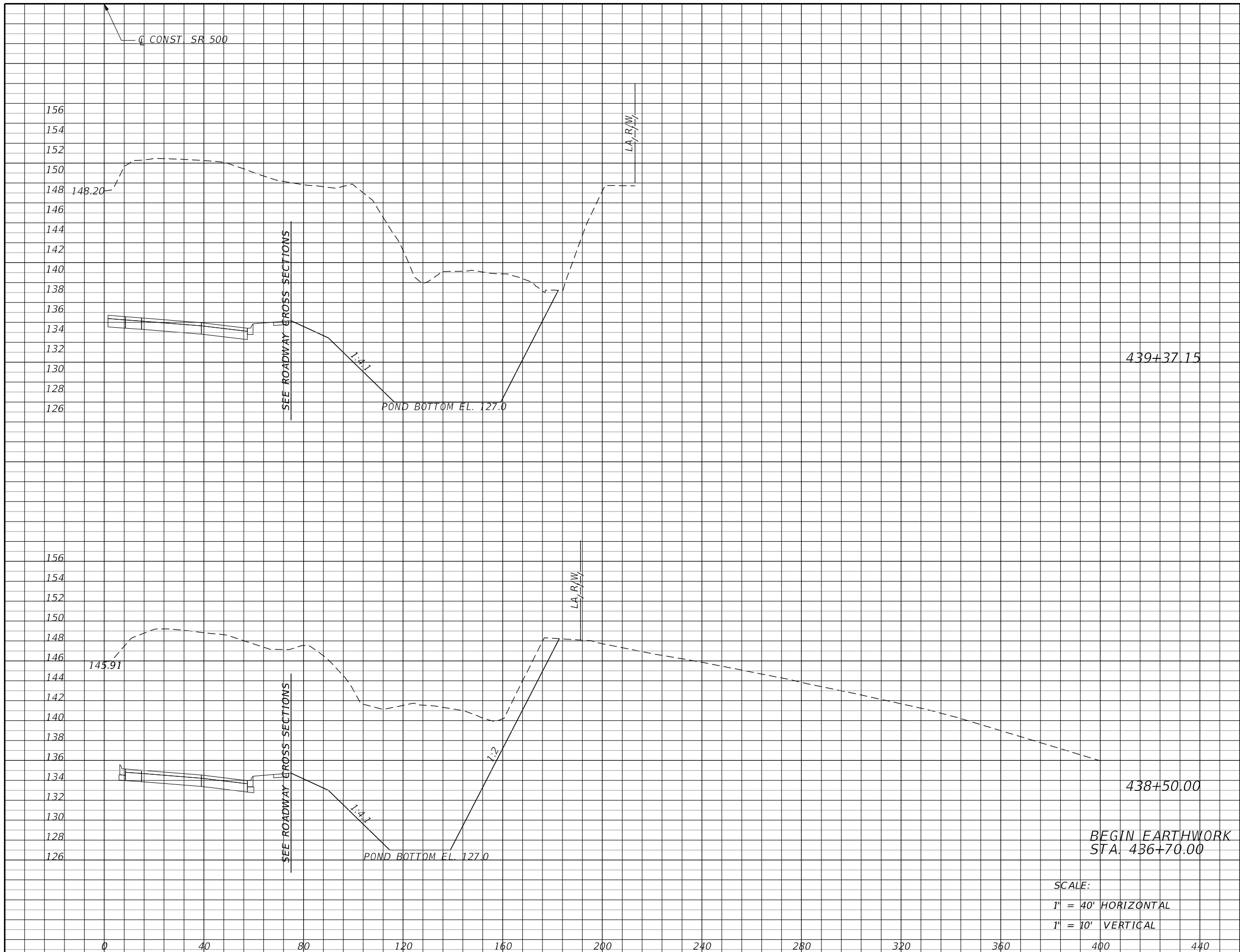
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	386	953	84	34
0	0	1953	5716	0	0

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND CROSS SECTIONS WB441-1-2	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE		238275-2-52-01

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



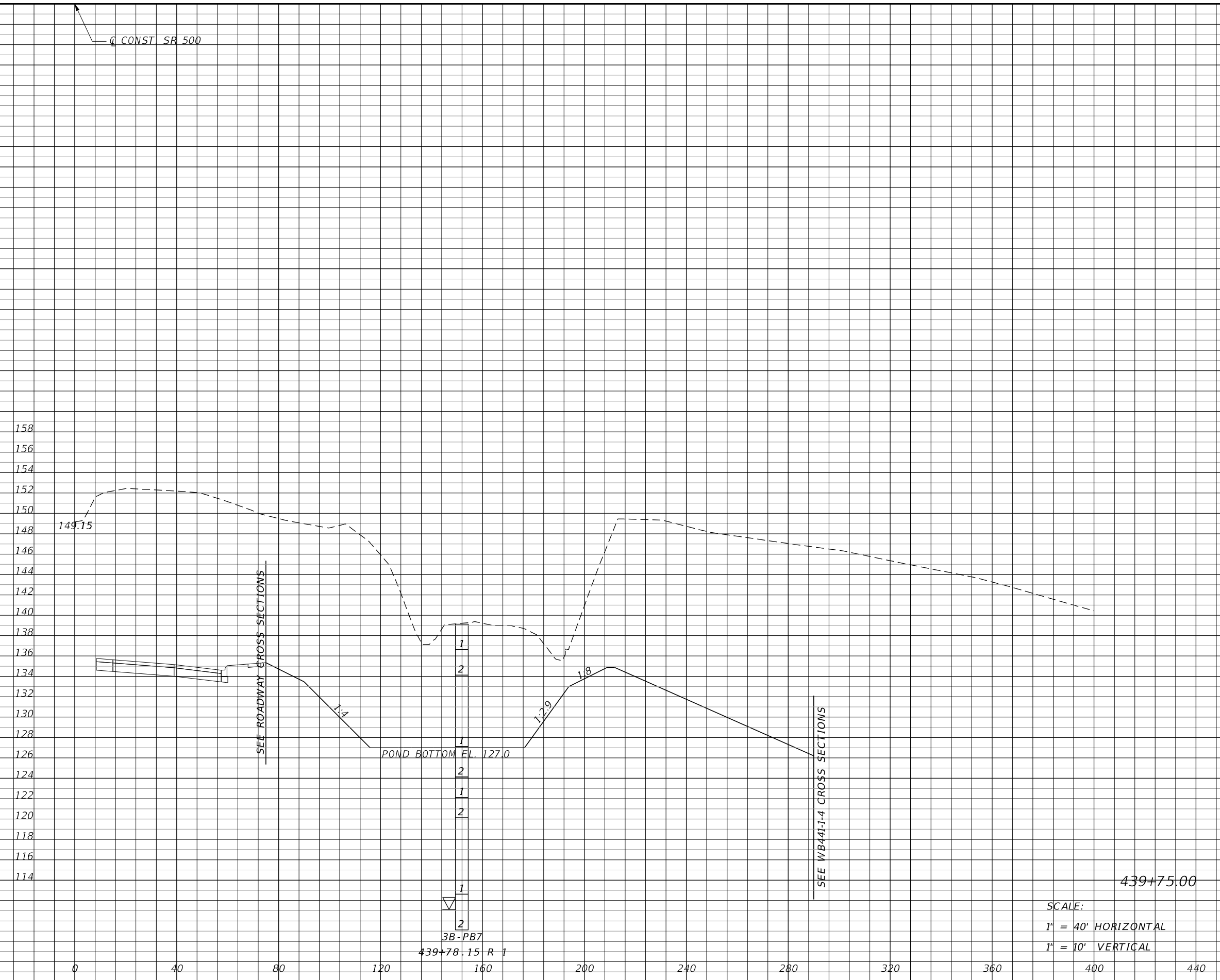
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1387	4019	0	0
0	0	1103	3677	0	0
0	0	0	0	0	0

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND CROSS SECTIONS WB441-1-3	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		429

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	3152	3182	0	0



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

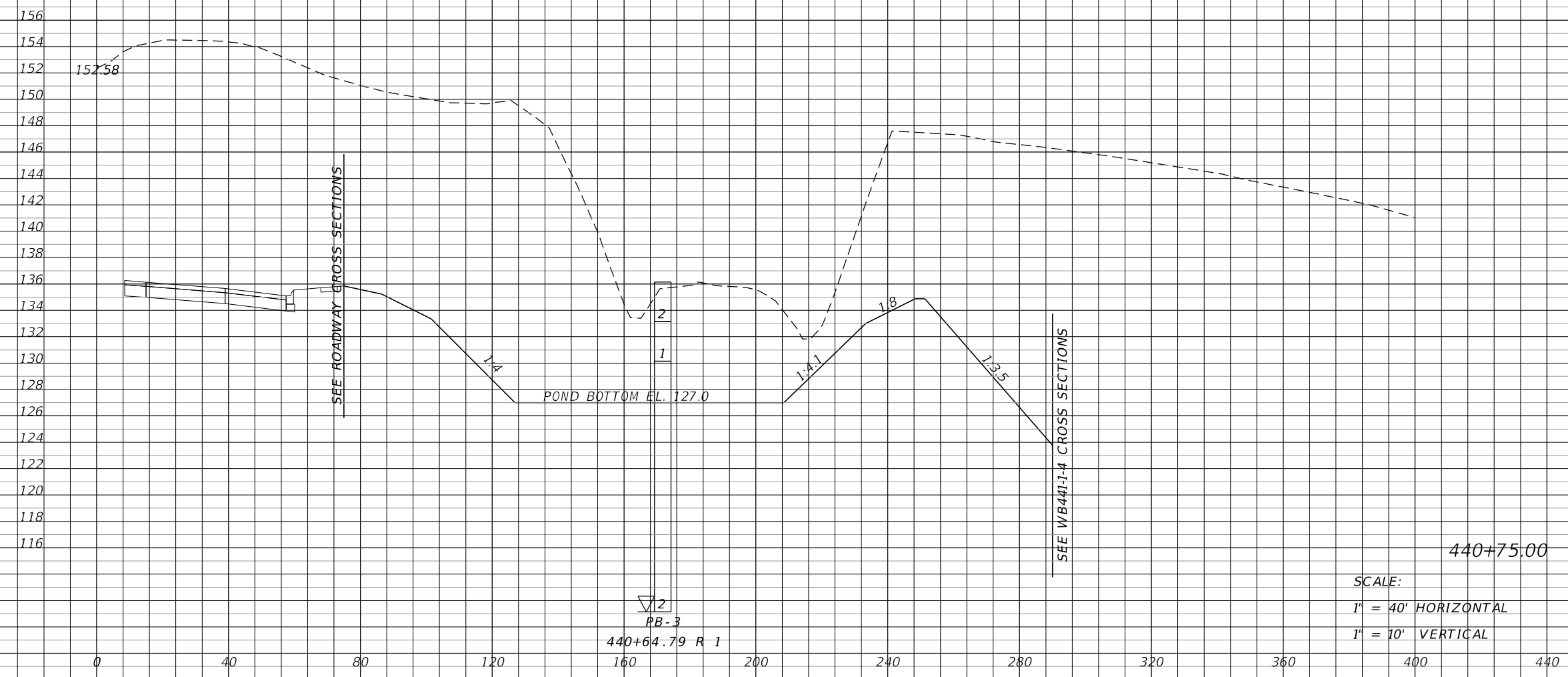
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-3

SHEET NO.
 430

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	2902	11211	0	0



Q CONST. SR 500

SEE ROADWAY CROSS SECTIONS

SEE WB441-1-4 CROSS SECTIONS

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

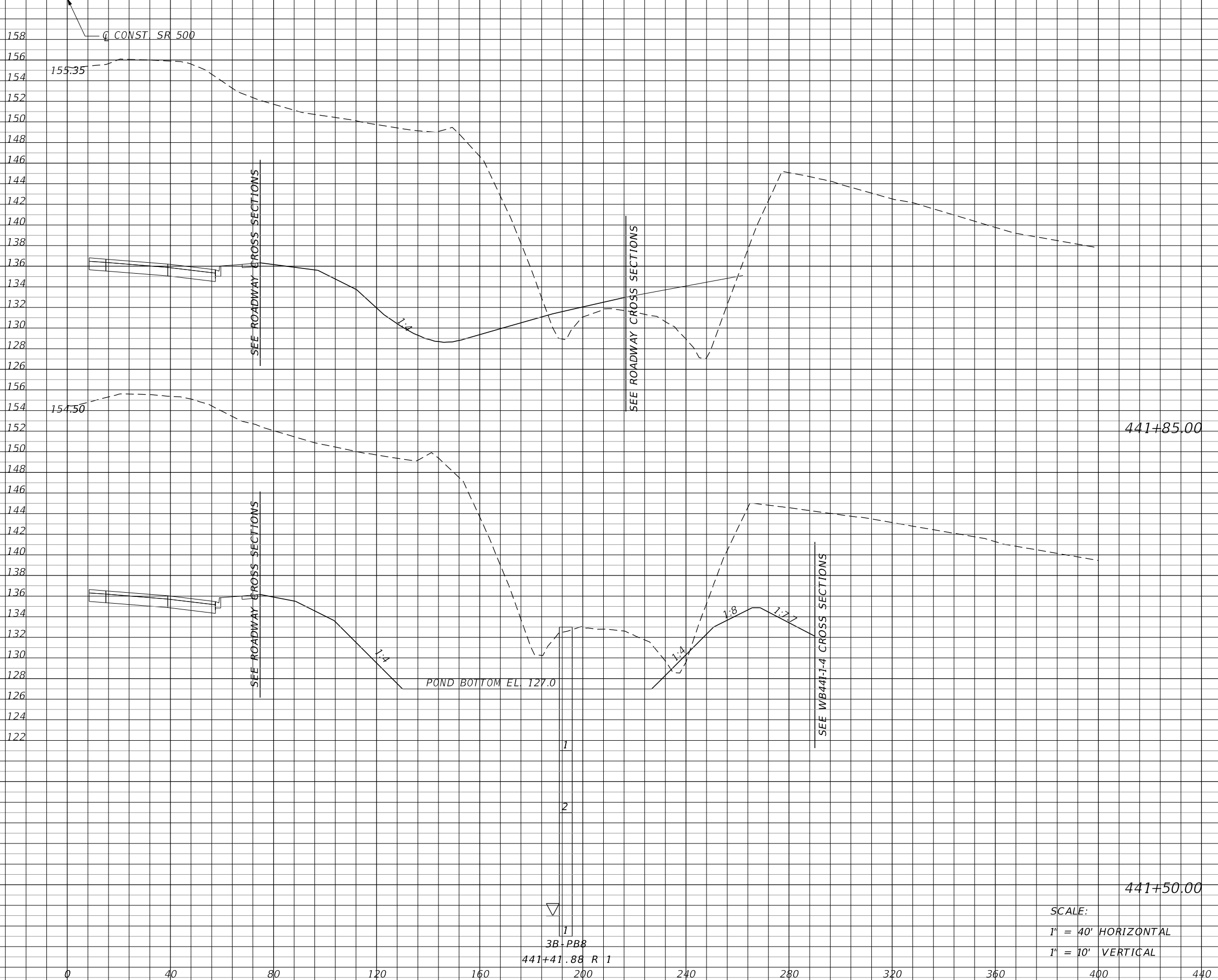
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-3

SHEET NO.
431

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

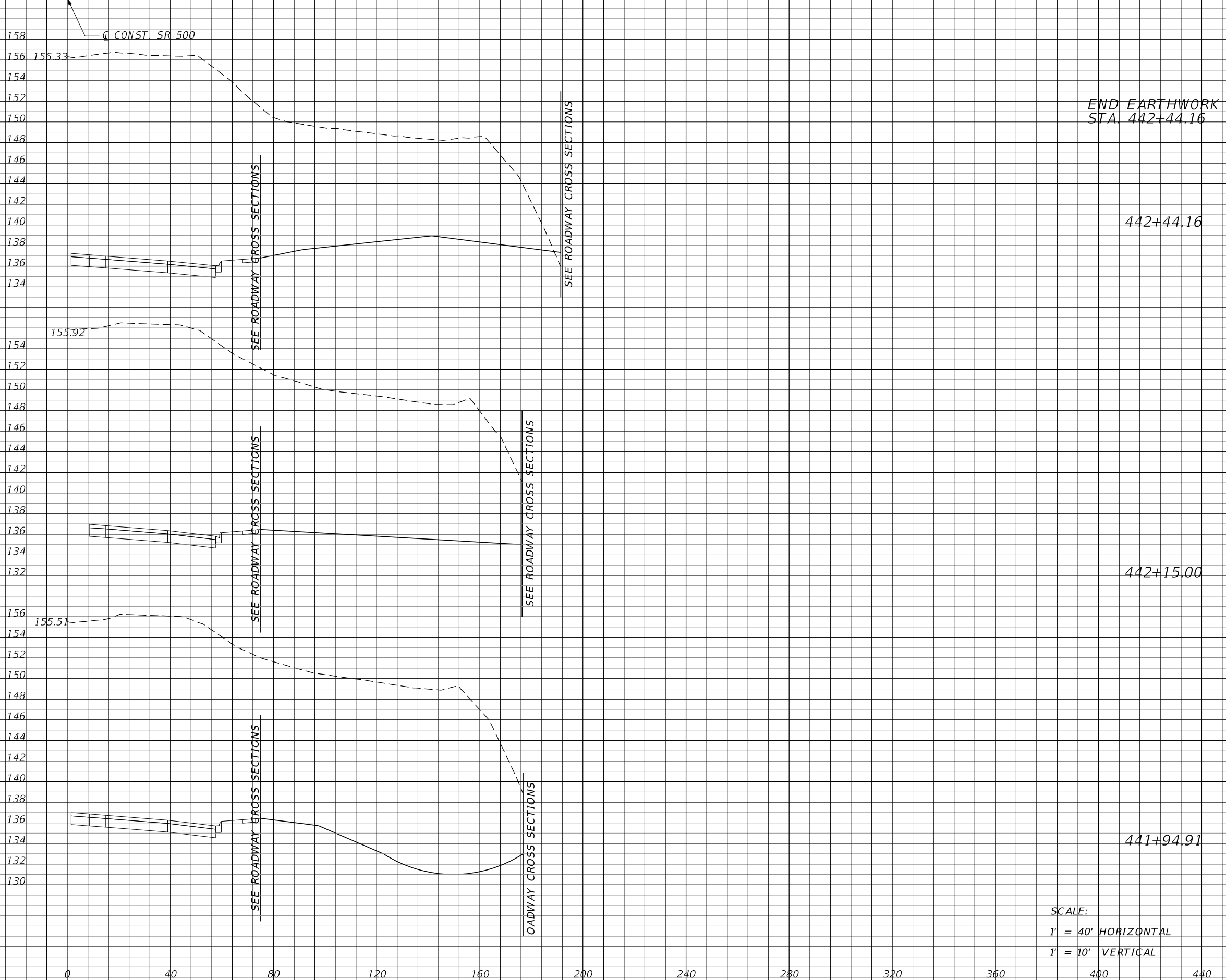


Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1736	2739	40	29
0	0	2490	7489	5	7

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 432	
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791			ROAD NO. COUNTY FINANCIAL PROJECT ID SR 46 LAKE 238275-2-52-01			POND CROSS SECTIONS WB441-1-3	

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	1111	1321	0	0
0	0	1336	1083	0	0
0	0	1576	608	0	7

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

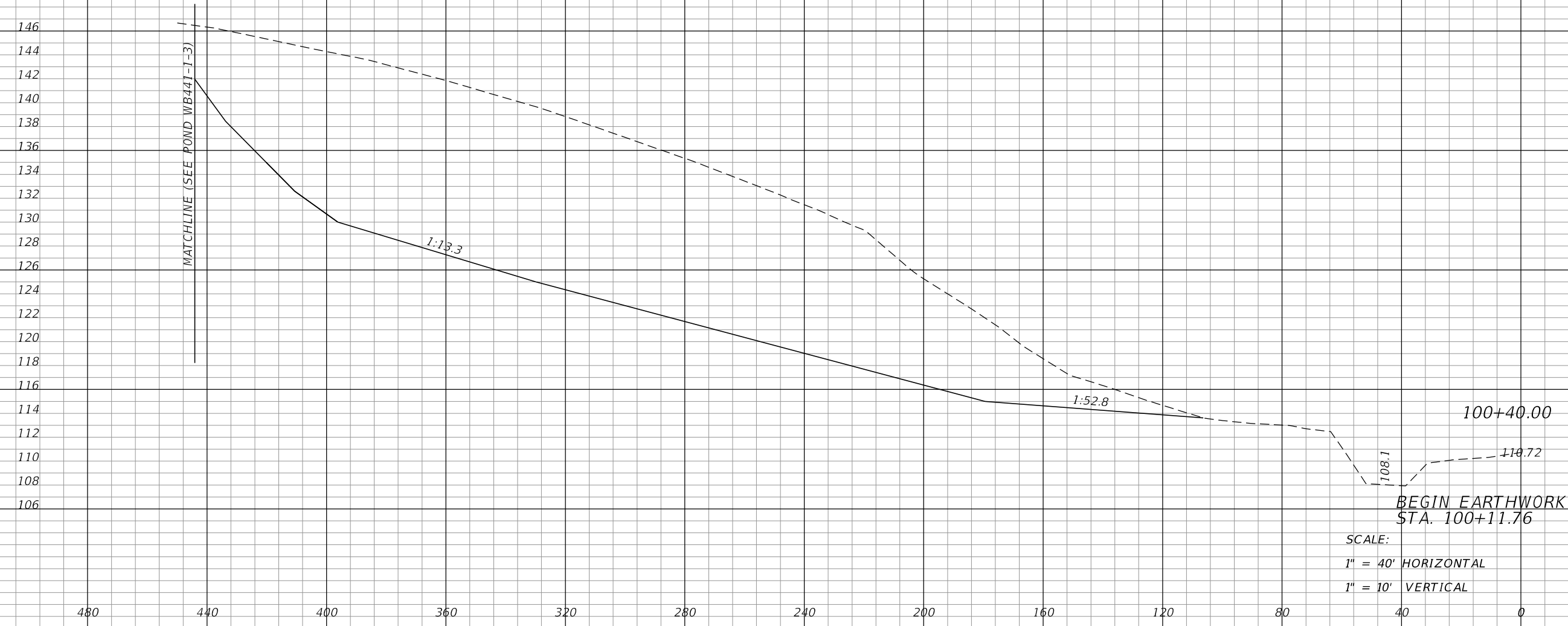
POND CROSS SECTIONS
WB 441-1-3

SHEET NO.
 433

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONST. POND WB441-1-4

Regular Exc. Embankment
A V A V



3478	1819	0	0
0	0	0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

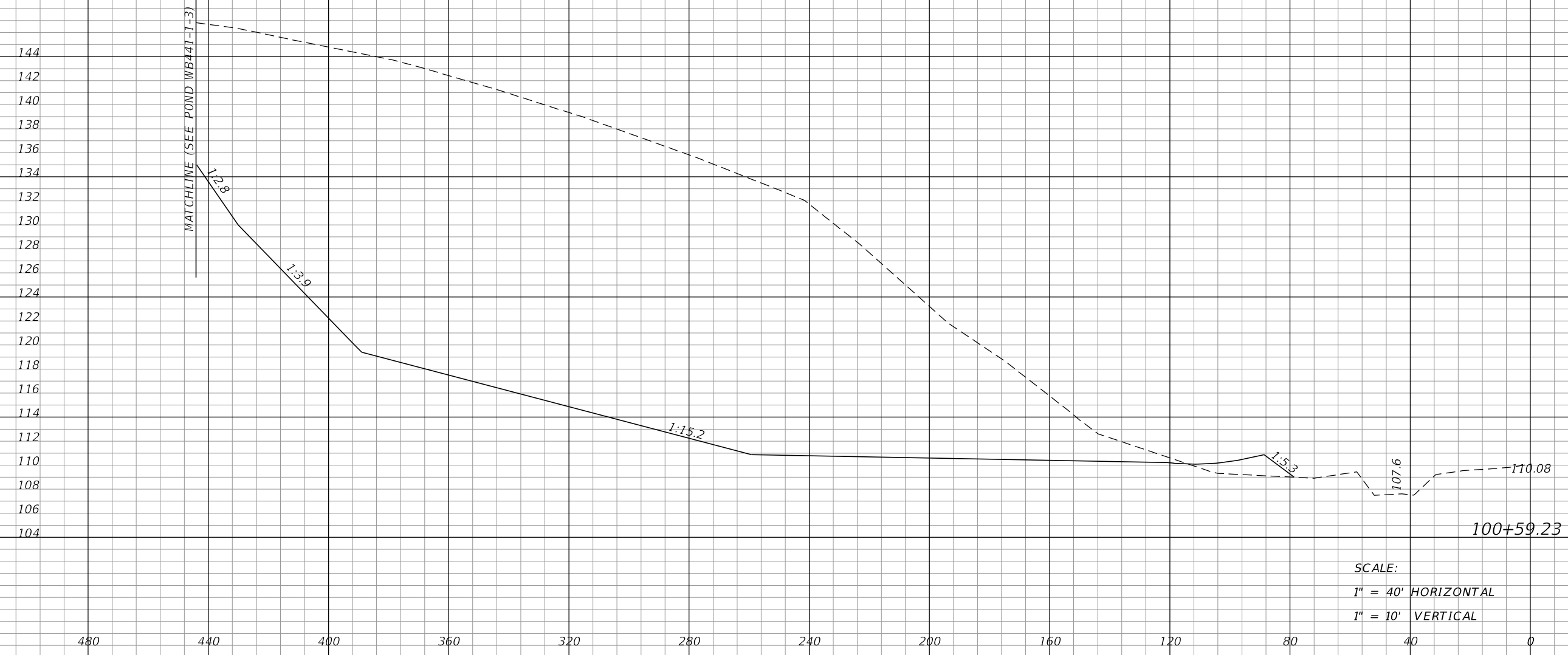
POND CROSS SECTIONS
WB441-1-4

SHEET NO.
434

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONST. POND WB441-1-4

Regular		Exc.		Embankment	
A	V	A	V	A	V



5753	3287	33	12
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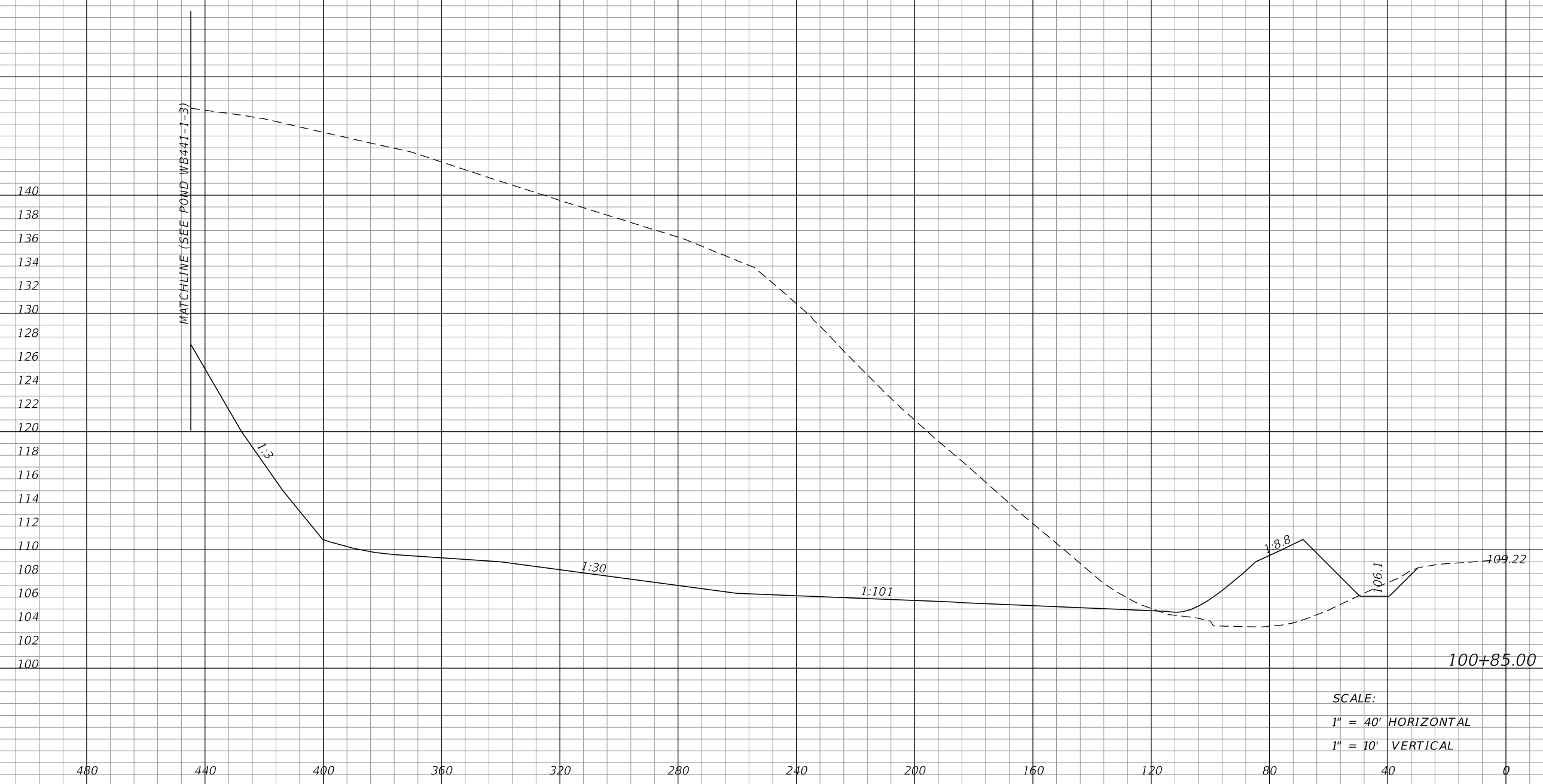
SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

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REVISIONS		DATE	DESCRIPTION																
DATE	DESCRIPTION																		
		ROAD NO.	COUNTY	FINANCIAL PROJECT ID															
		SR 46	LAKE	238275-2-52-01															

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONST. POND WB441-1-4

Regular		Exc.		Embankment	
A	V	A	V	A	V
7618		6381		235	128



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

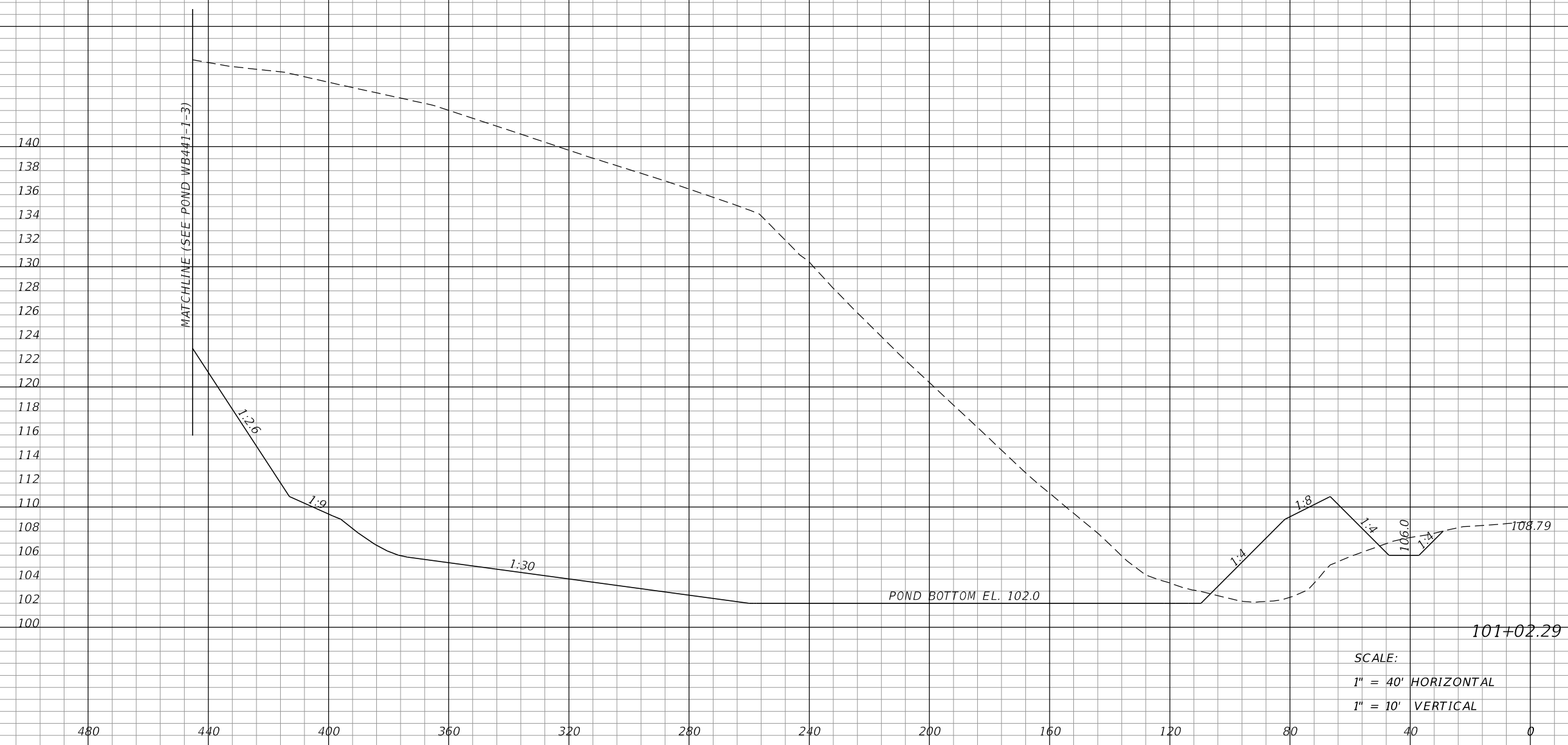
POND CROSS SECTIONS
WB441-1-4

SHEET NO.
 436

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONST. POND WB441-1-4

Regular Exc. Embankment
A V A V



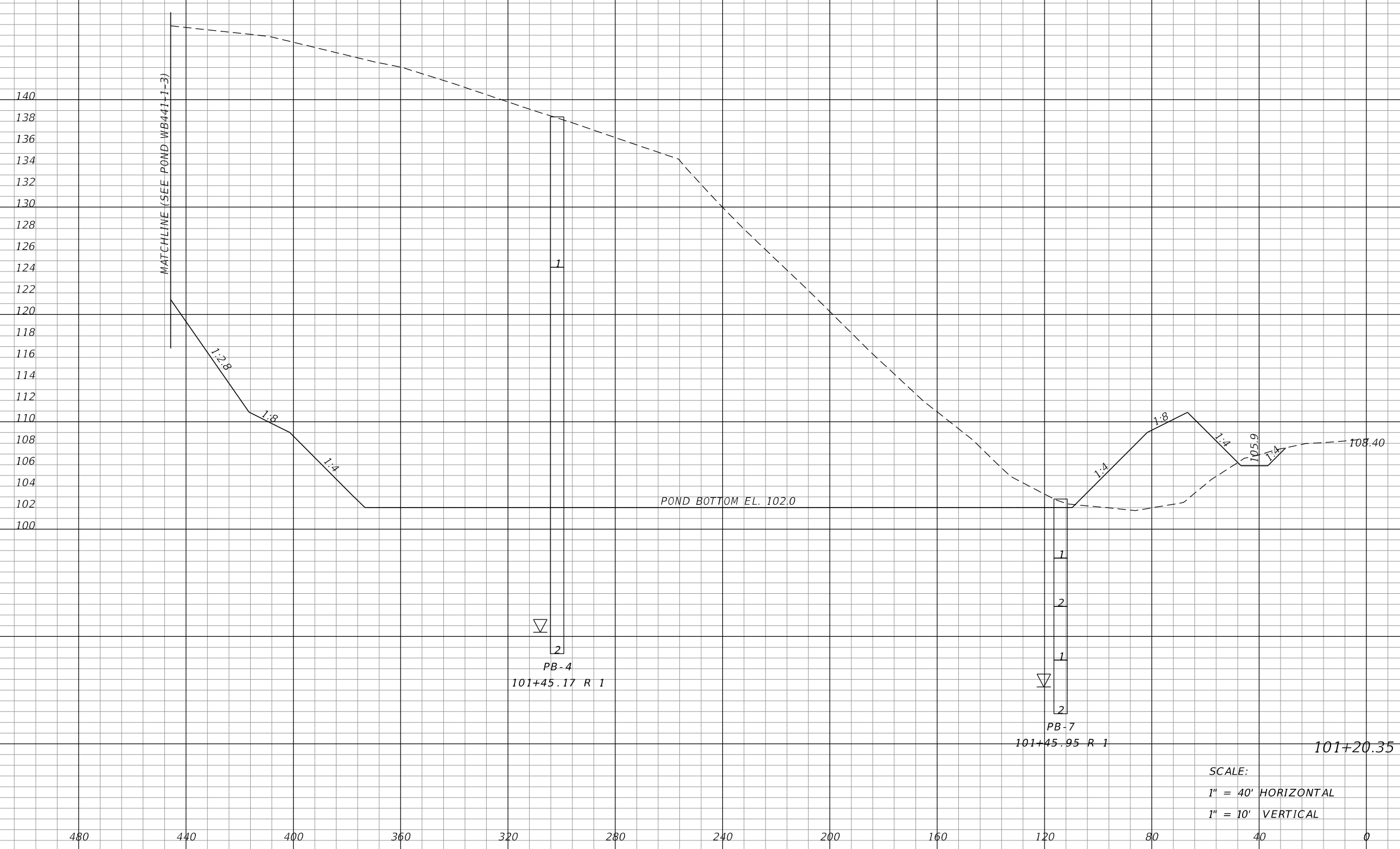
SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND CROSS SECTIONS WB441-1-4	SHEET NO. 437
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONST. POND WB441-1-4

Regular		Exc.		Embankment	
A	V	A	V	A	V
9061		5961		288	175



SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

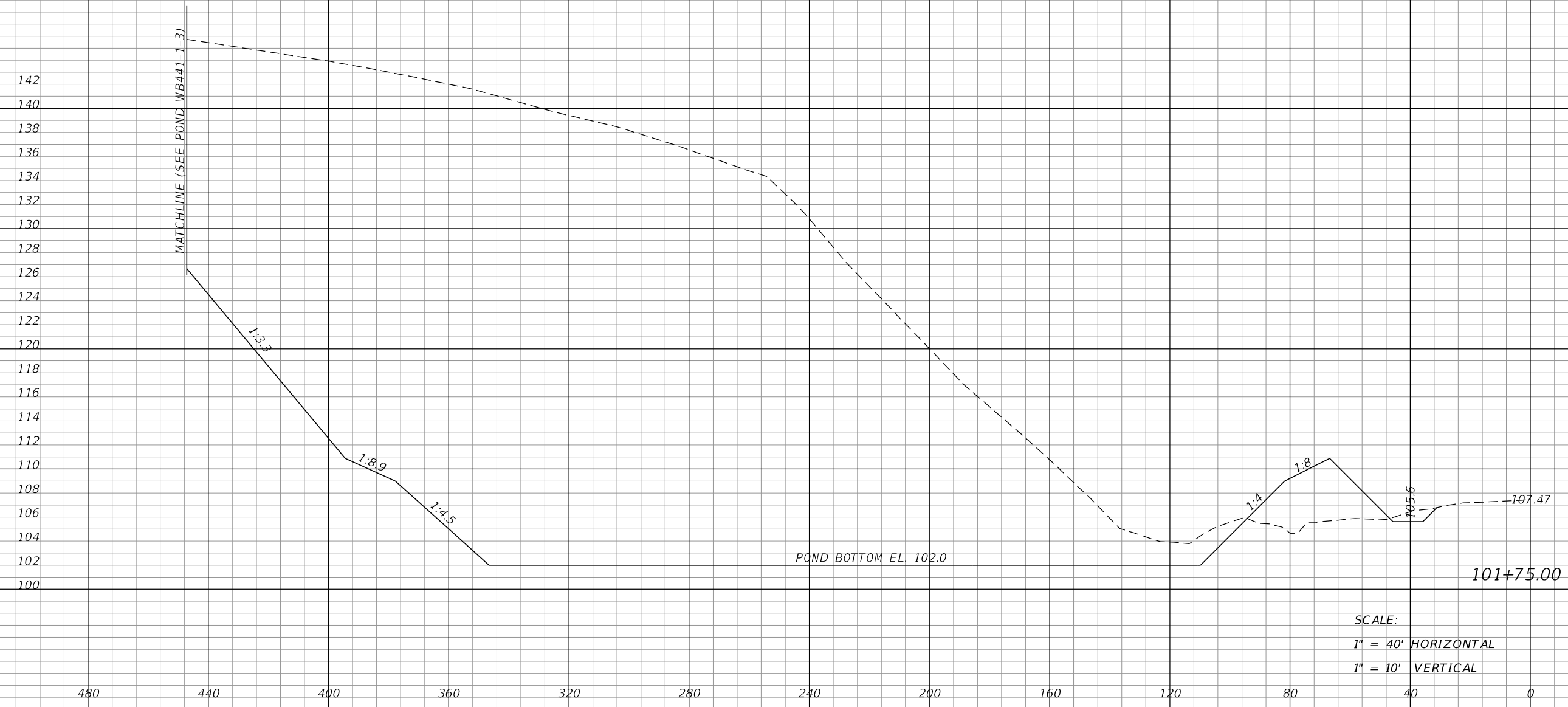
POND CROSS SECTIONS
WB441-1-4

SHEET NO.
438

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONST. POND WB441-1-4

Regular		Exc.		Embankment	
A	V	A	V	A	V
8514	17787	147	440		



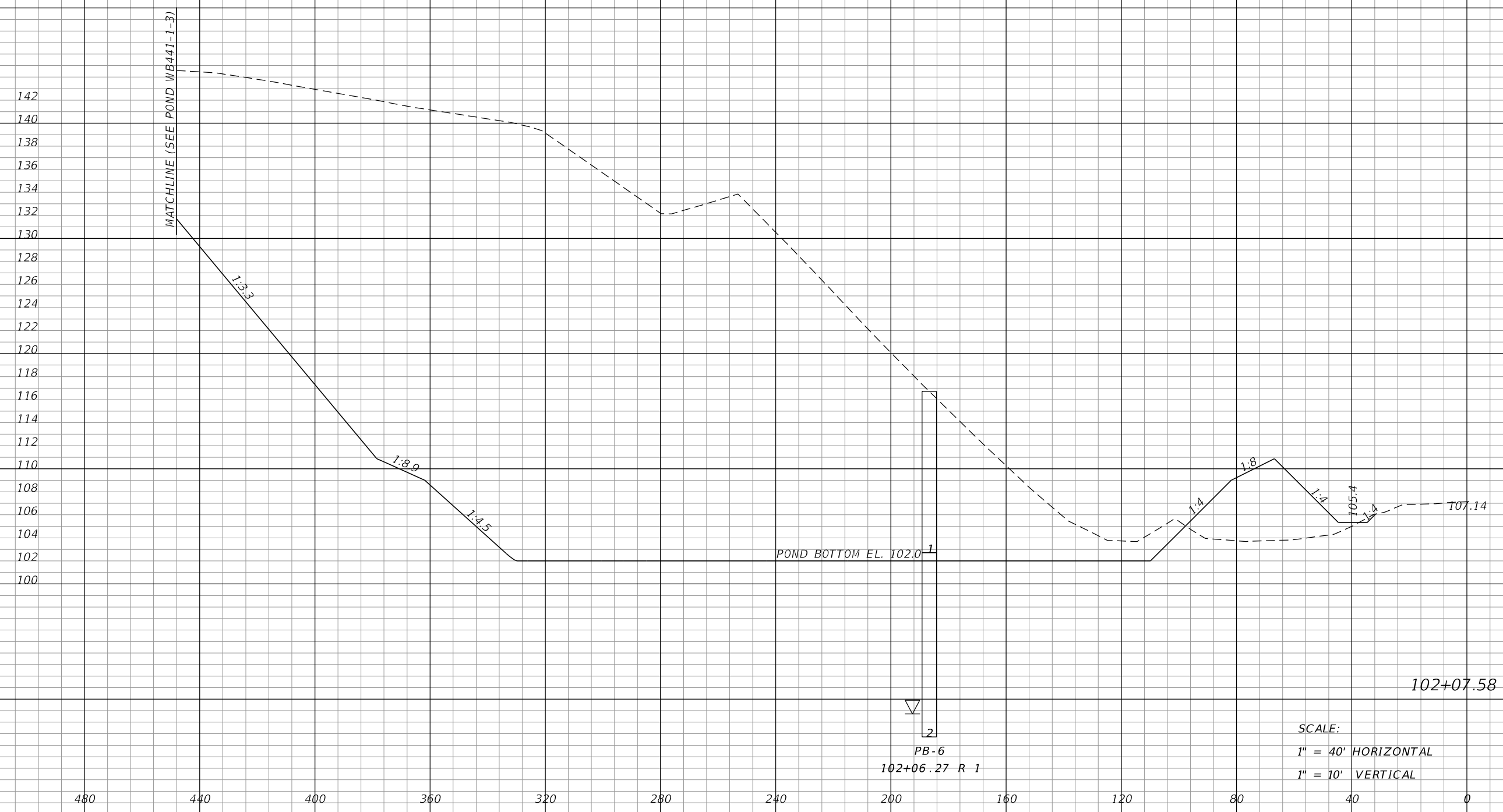
SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA			POND CROSS SECTIONS WB441-1-4	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	SR 46	LAKE		238275-2-52-01

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONST. POND WB441-1-4

Regular		Exc.		Embankment	
A	V	A	V	A	V
7803		9845		233	229



SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

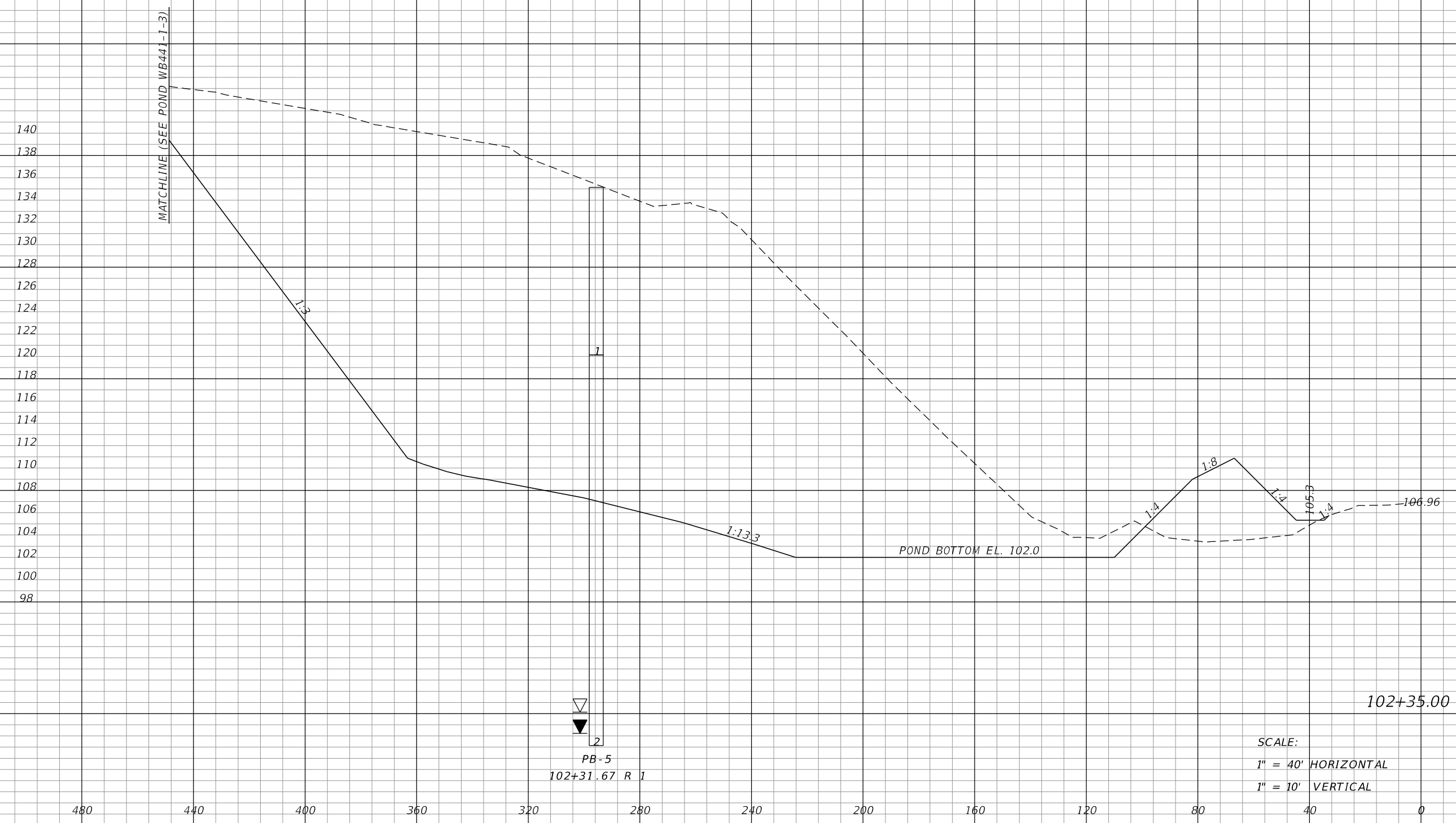
POND CROSS SECTIONS
WB441-1-4

SHEET NO.
 440

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONST. POND WB441-1-4

Regular		Exc.		Embankment	
A	V	A	V	A	V
6708		7368		248	244



SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

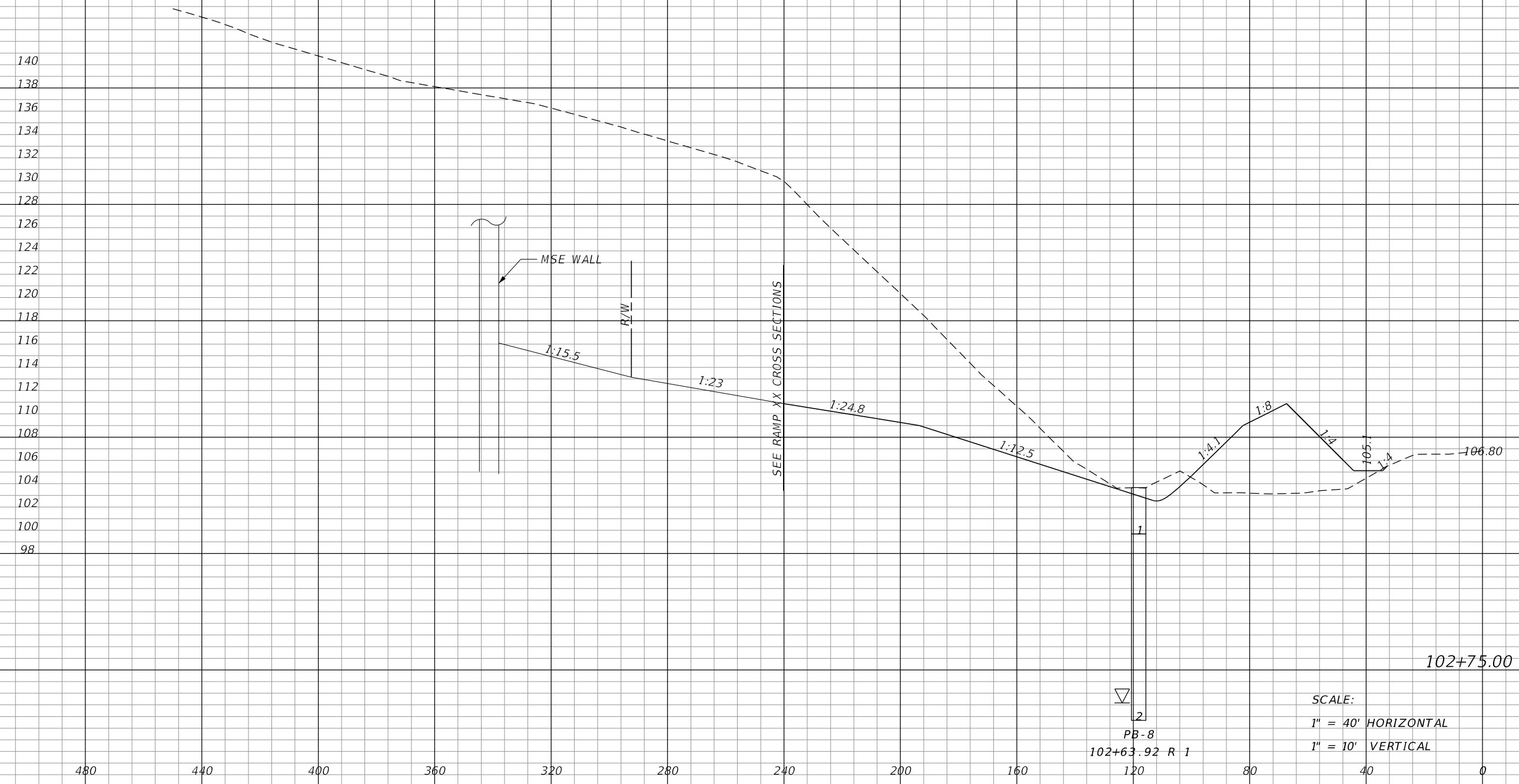
POND CROSS SECTIONS
WB441-1-4

SHEET NO.
 441

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONST. POND WB441-1-4

Regular		Exc.		Embankment	
A	V	A	V	A	V
993		5704		272	385



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
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 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

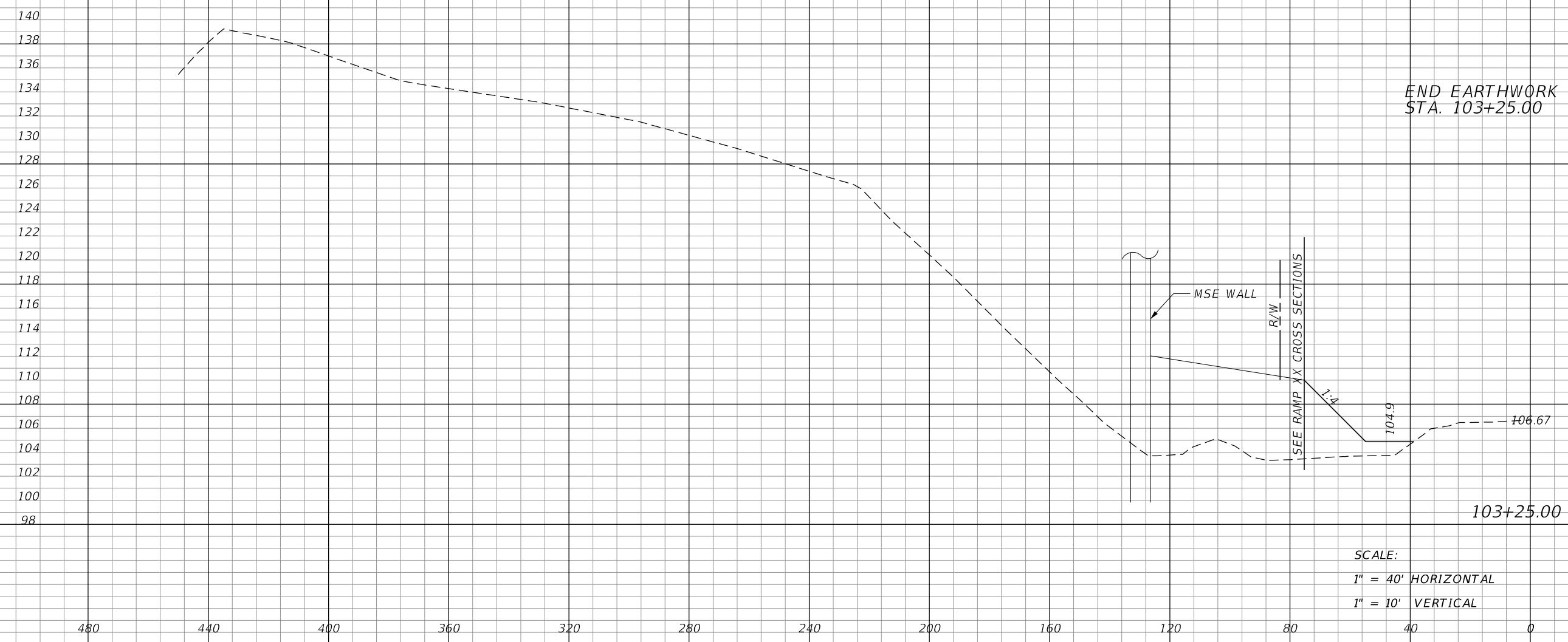
POND CROSS SECTIONS
WB441-1-4

SHEET NO.
 442

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONST. POND WB441-1-4

Regular		Exc.		Embankment	
A	V	A	V	A	V
0	919	93	338		



END EARTHWORK
STA. 103+25.00

MSE WALL

R/W
SEE RAMP XX CROSS SECTIONS

1:4

104.9

106.67

103+25.00

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

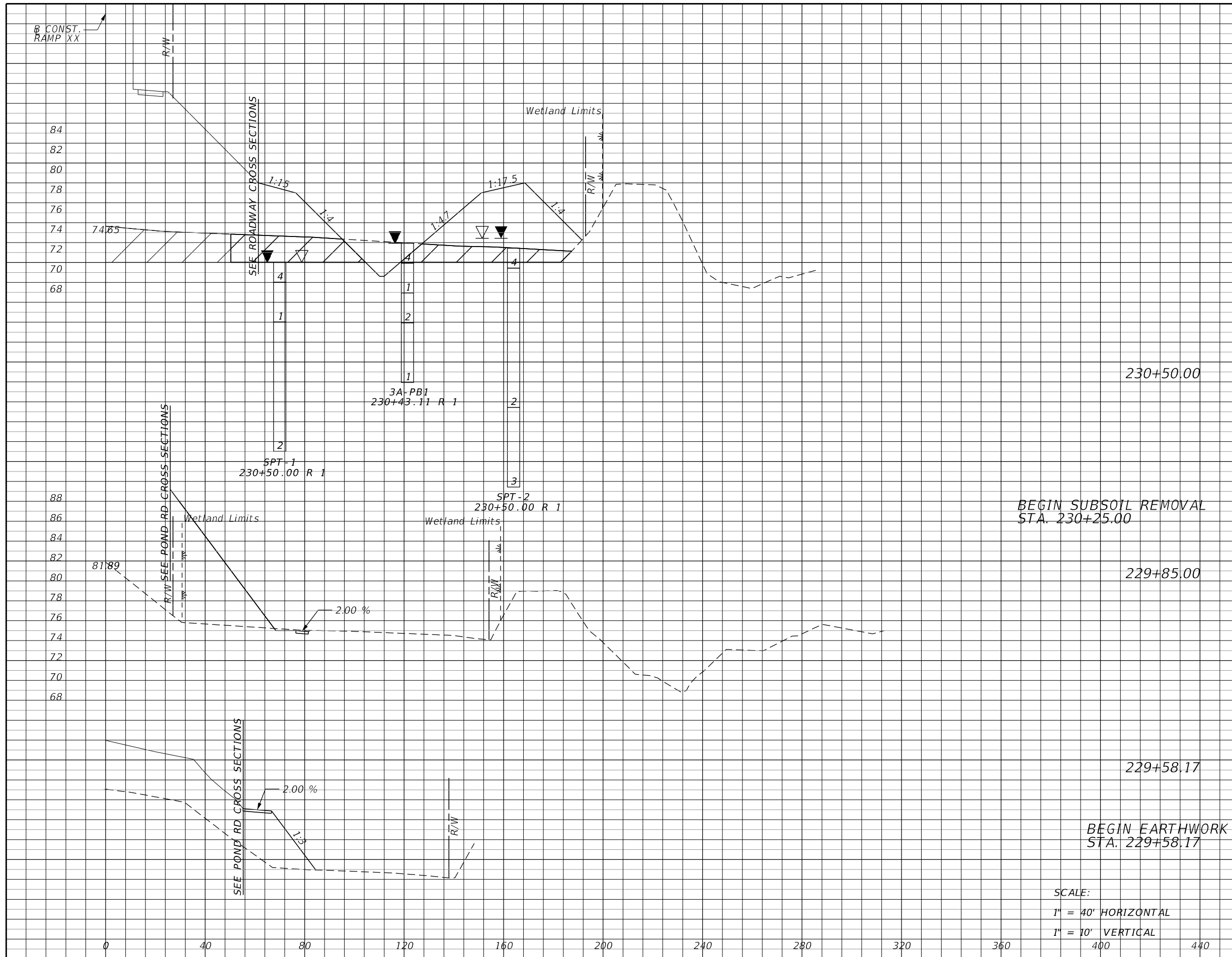
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-1-4

SHEET NO.
443

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
192	231	59	75	562	1009
0	0	3	1	276	188
0	0	0	0	102	0

BEGIN SUBSOIL REMOVAL
STA. 230+25.00

BEGIN EARTHWORK
STA. 229+58.17

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

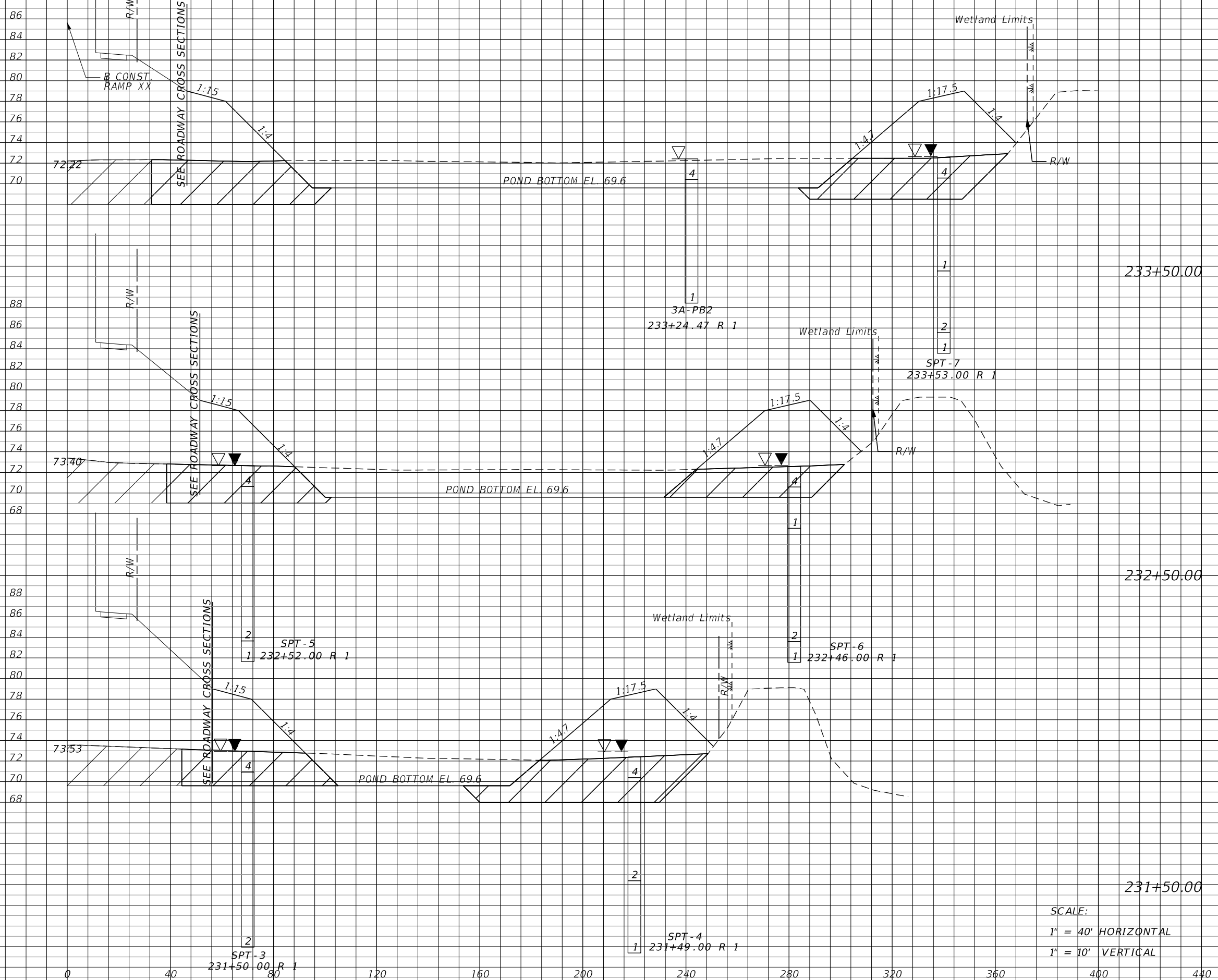
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB1-1

SHEET NO.
444

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
444	1422	547	1722	854	2909
324	1407	383	1109	717	2880
436	1163	216	509	838	2593

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

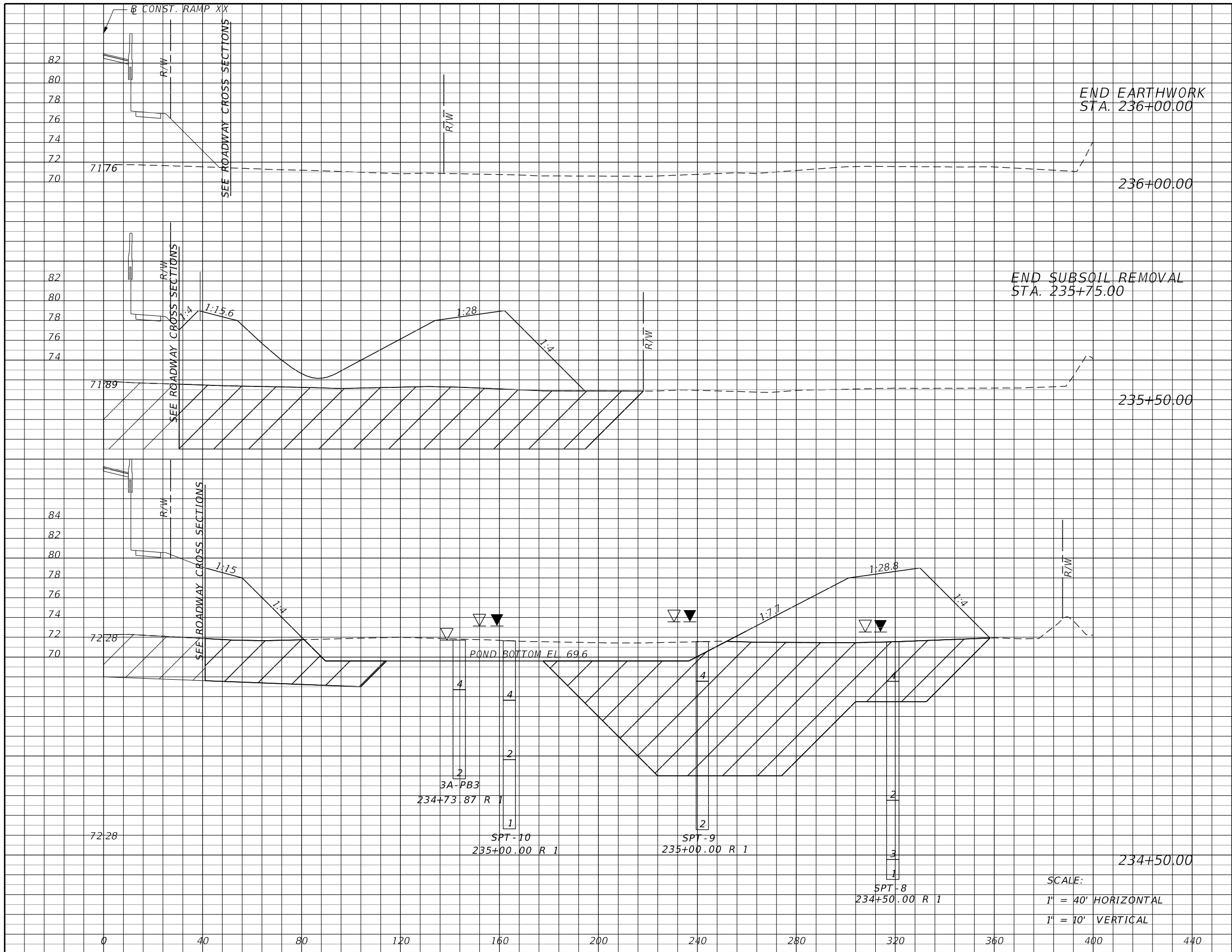
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB1-1

SHEET NO.
 445

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	1008	0	0	0	1726
1089	5170	0	611	1864	7806
1703	3976	330	1624	2351	5935

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
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 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

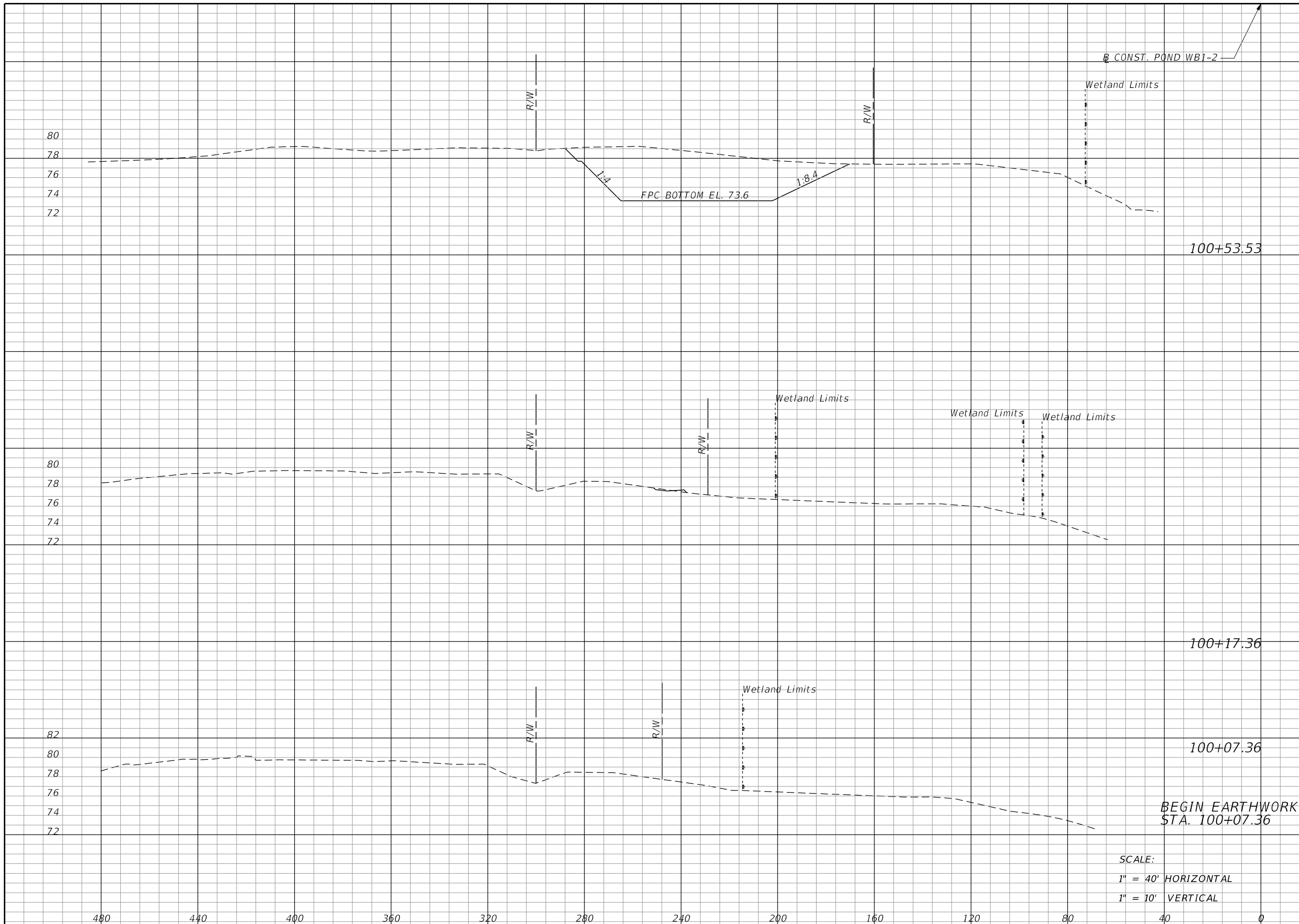
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB1-1

SHEET NO.
 446

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

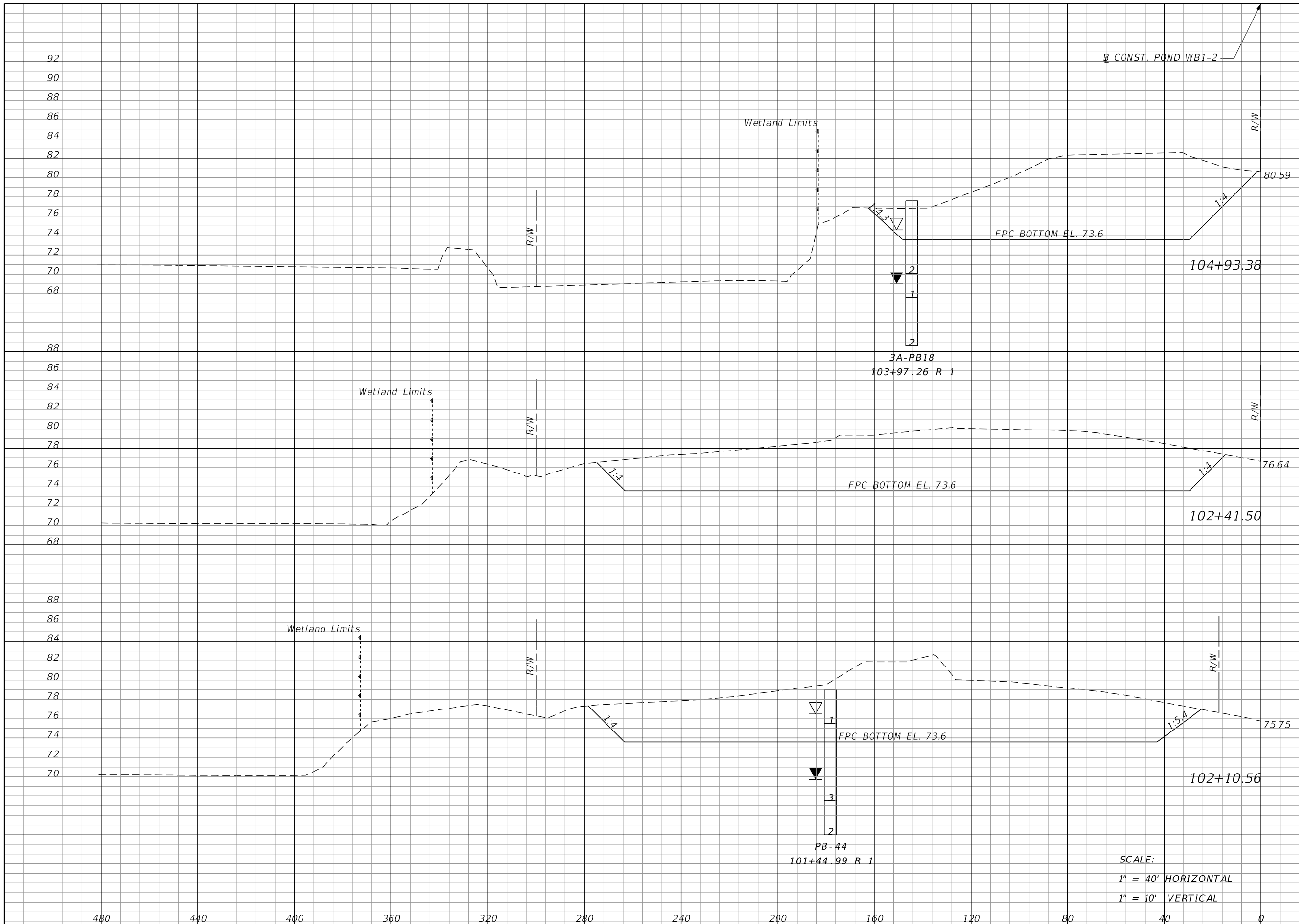


Regular		Exc.		Embankment	
A	V	A	V	A	V
444	298	0	1		
1	0	1	0		
0	0	0	0		

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND CROSS SECTIONS POND WB1-2	SHEET NO. 447
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791			ROAD NO. COUNTY FINANCIAL PROJECT ID SR 46 LAKE 238275-2-52-01				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
967	10500	0	0	0	0
1284	1515	0	0	0	0
1360	5246	0	0	0	0

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

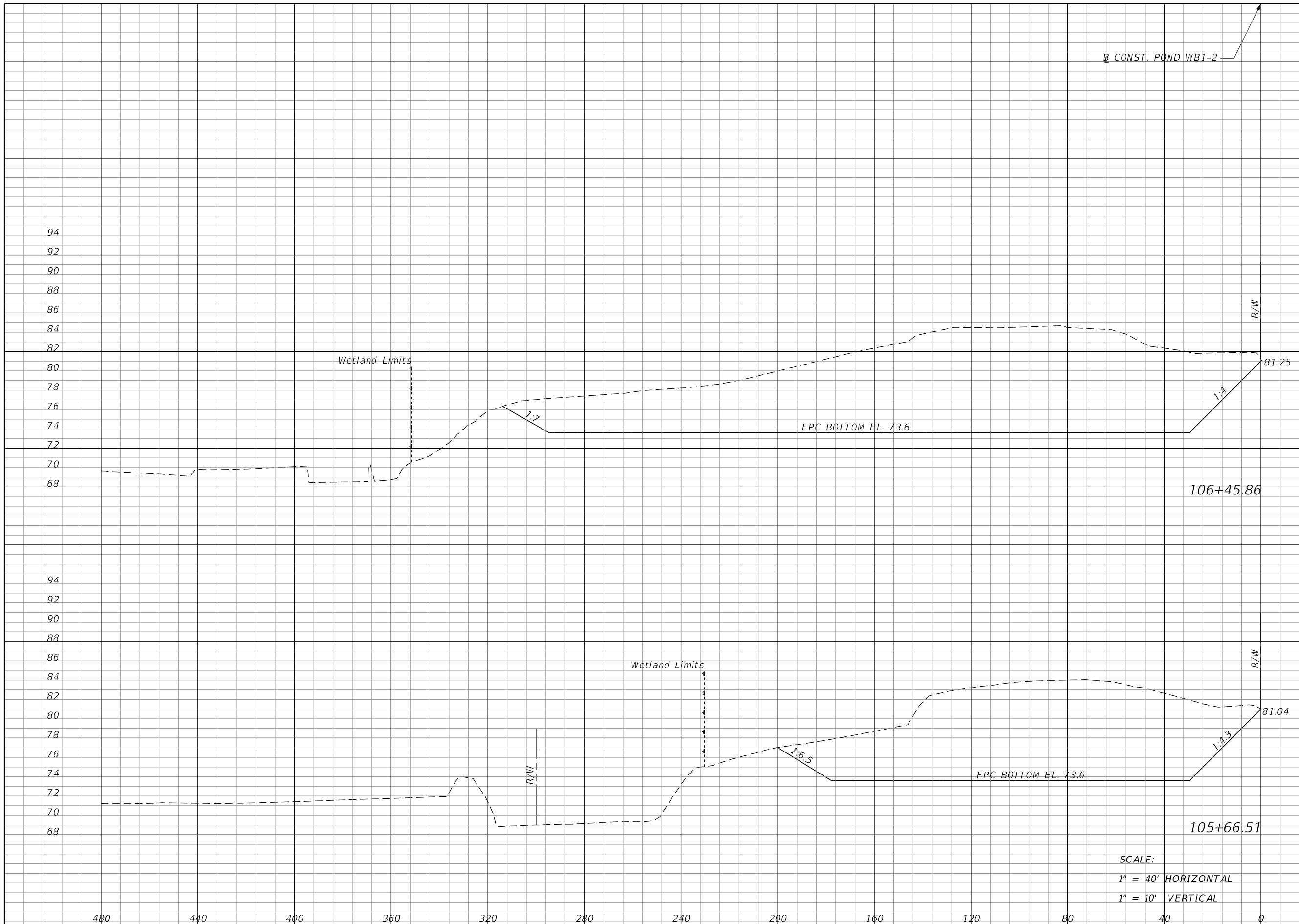
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
POND WB1-2

SHEET NO.
 448

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
2243	5425	0	0	0	0
1449	3272	0	0	0	0

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

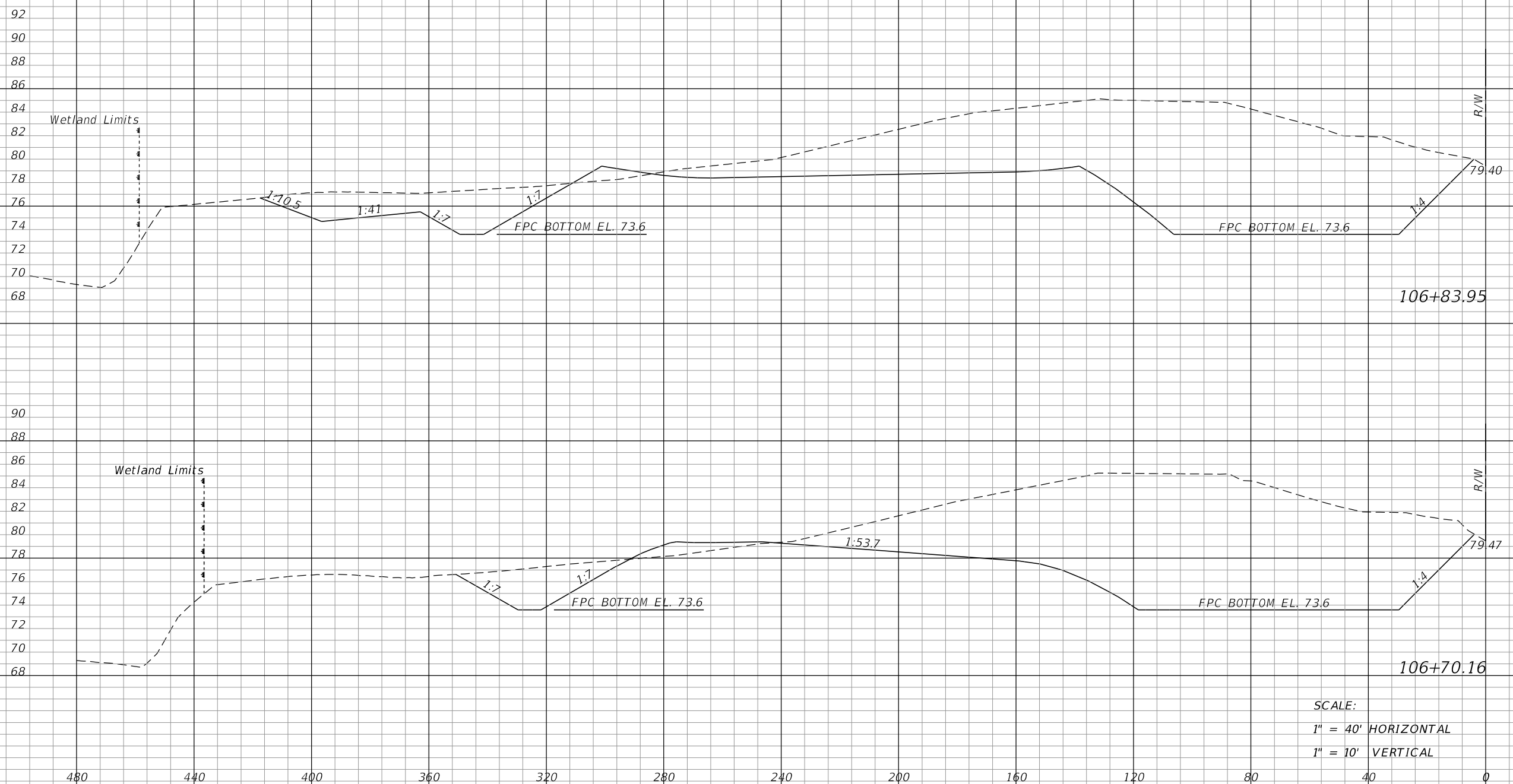
POND CROSS SECTIONS
POND WB1-2

SHEET NO.
 449

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V

B CONST. POND WB1-2



1797

905

17

12

1745

1795

29

13

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

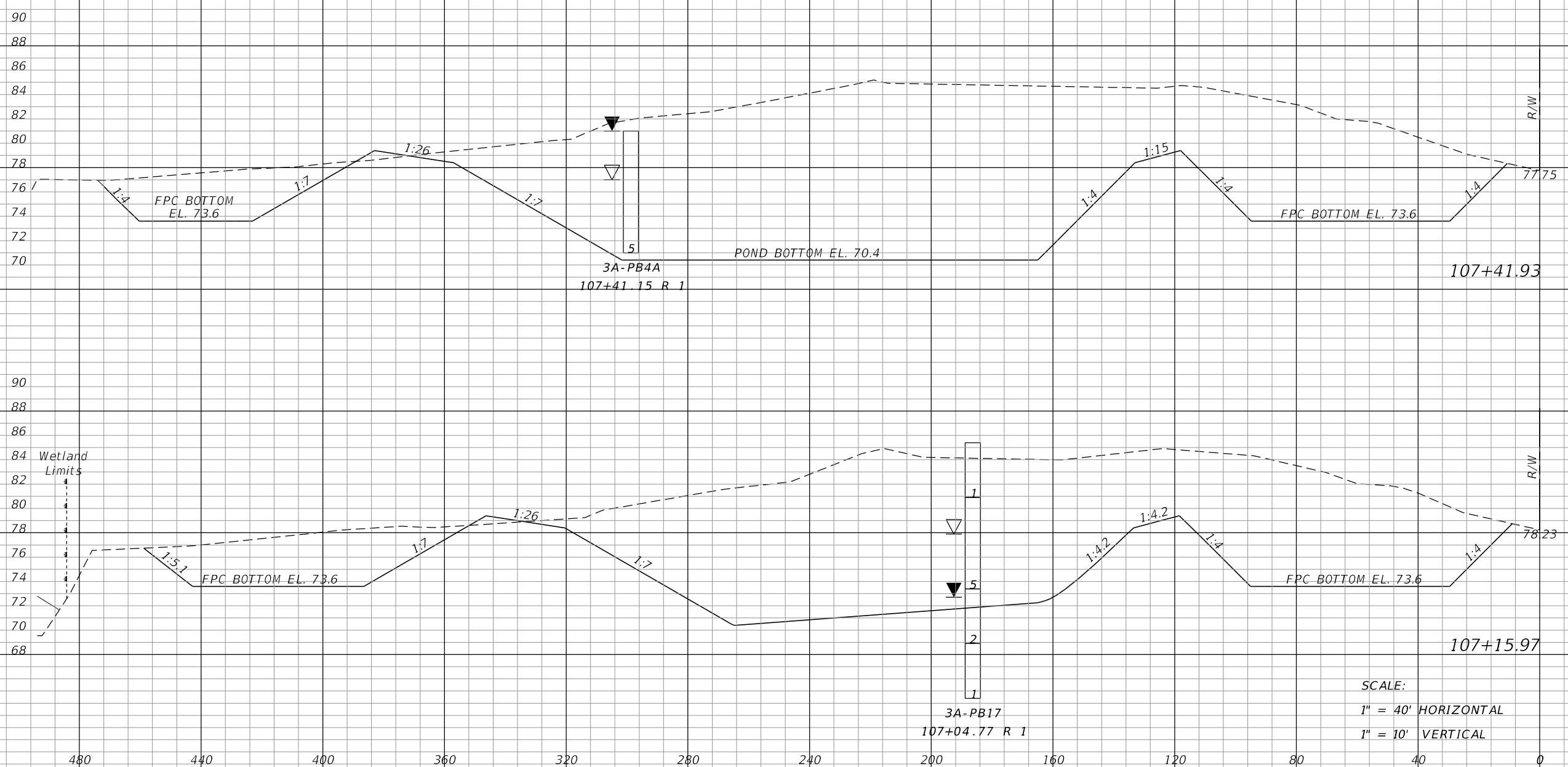
POND CROSS SECTIONS
POND WB1-2

SHEET NO.
450

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular		Exc.		Embankment	
A	V	A	V	A	V

B CONST. POND WB1-2



3613	3239	7	6
------	------	---	---

3124	2918	6	14
------	------	---	----

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

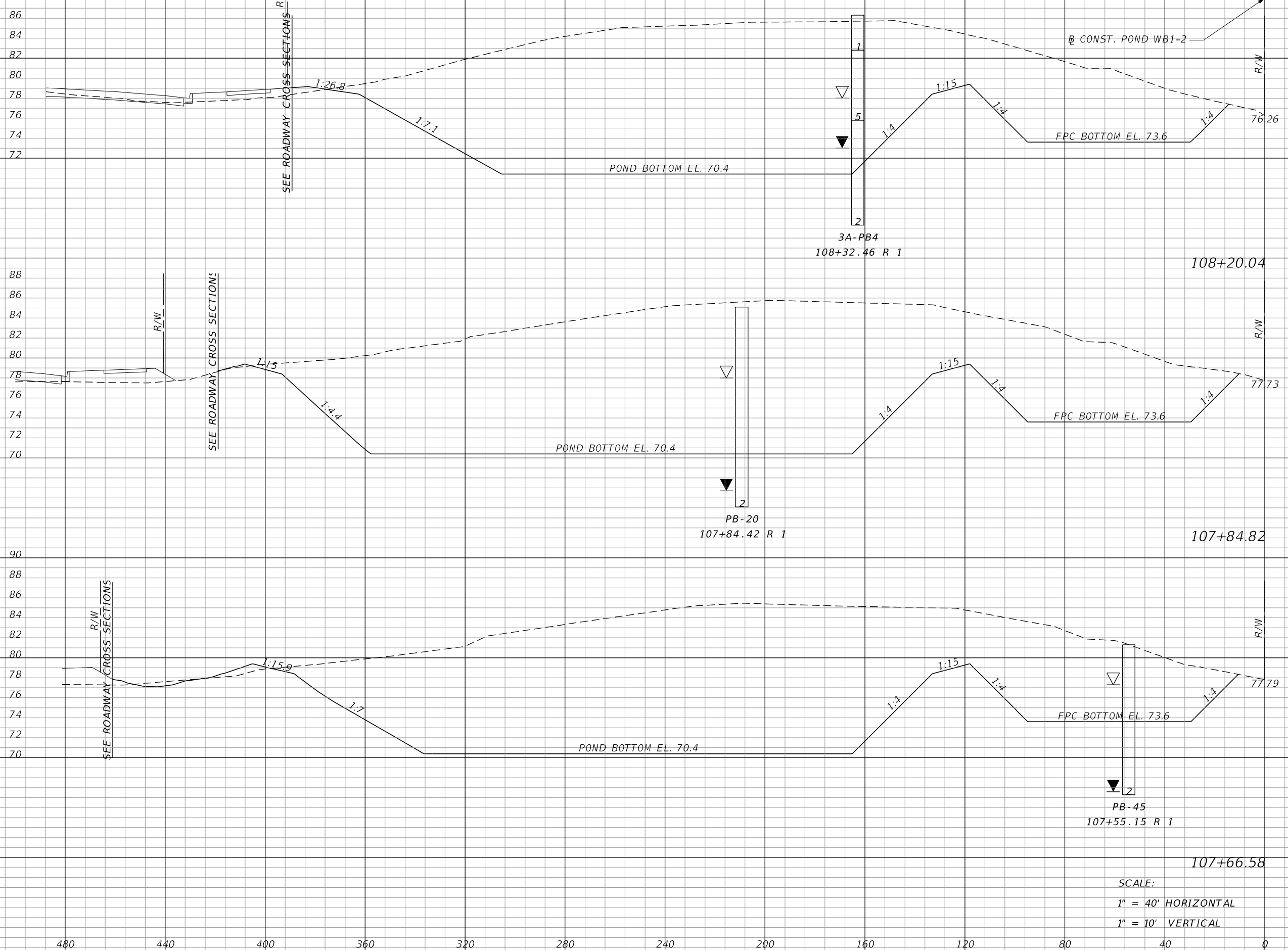
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
POND WB1-2

SHEET NO.
 451

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
3526	4889	6	5		
3970	2625	2	5		
3802	3385	14	10		

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

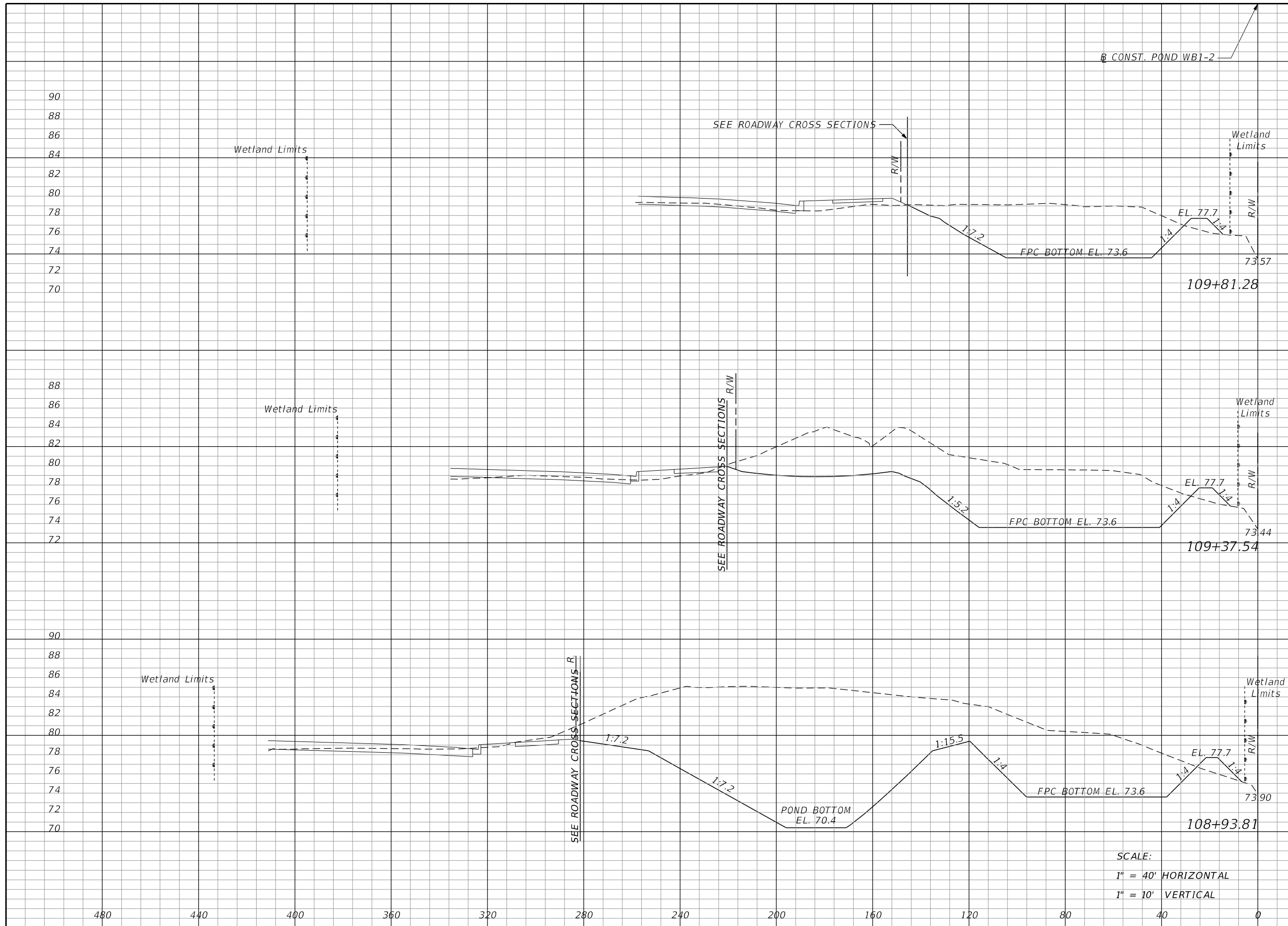
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
POND WB1-2

SHEET NO.
 452

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
469	1106	14	23		
897	2378	15	27		
2039	7602	18	33		

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

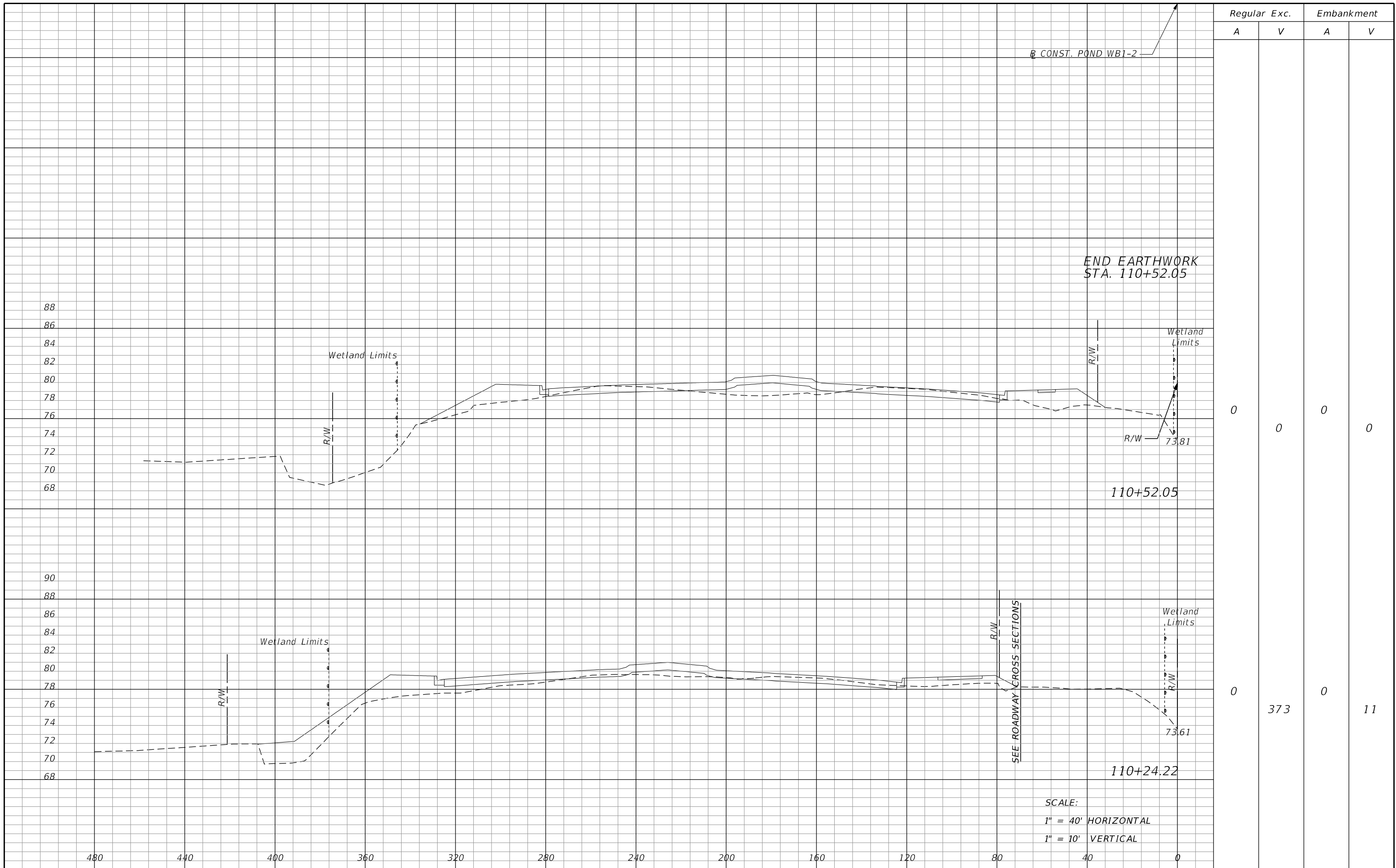
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
POND WB1-2

SHEET NO.
 453

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



END EARTHWORK
STA. 110+52.05

SEE ROADWAY CROSS SECTIONS

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

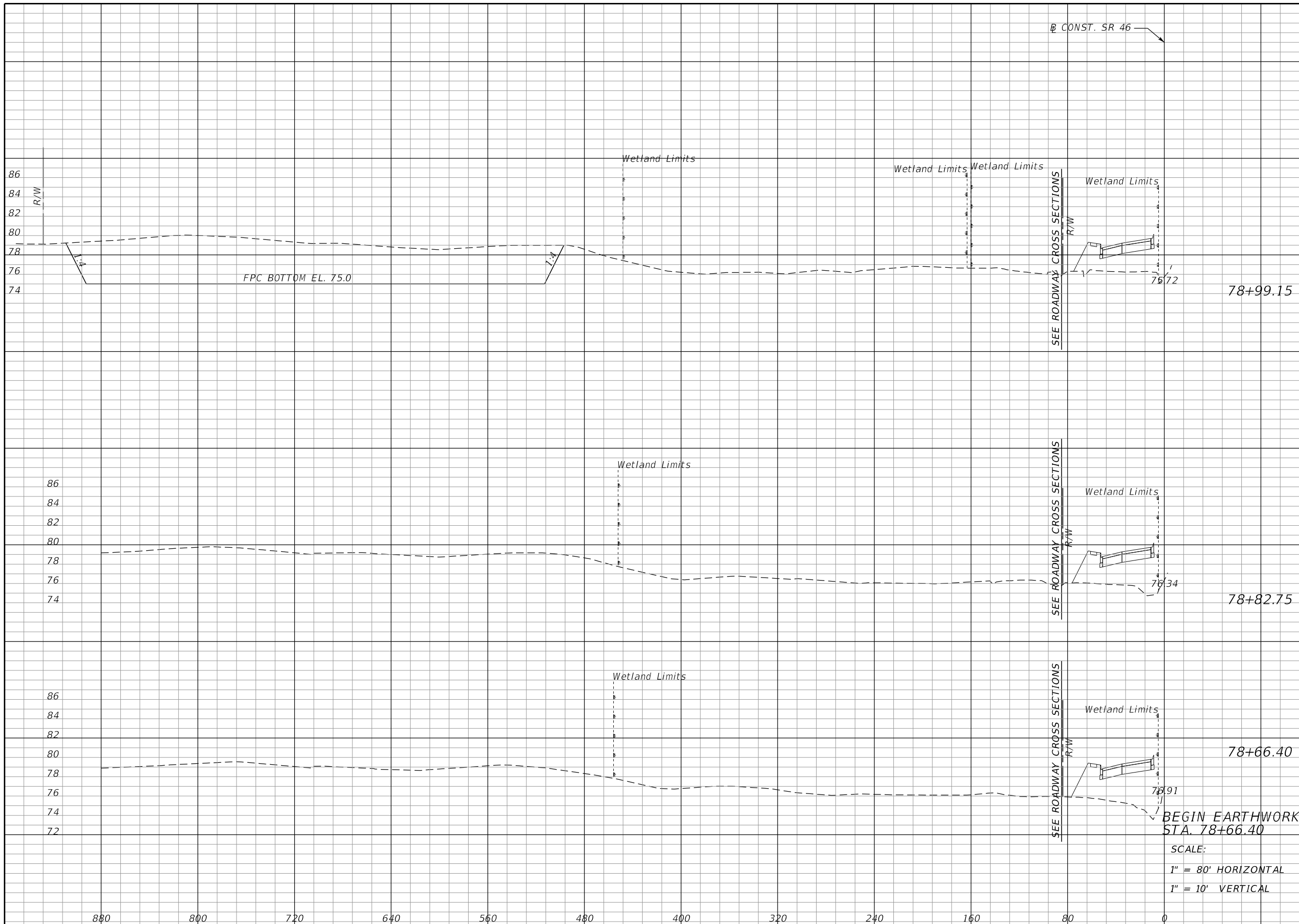
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
POND WB1-2

SHEET NO.
454

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
1694		514		0	0
0		0		0	0
0		0		0	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

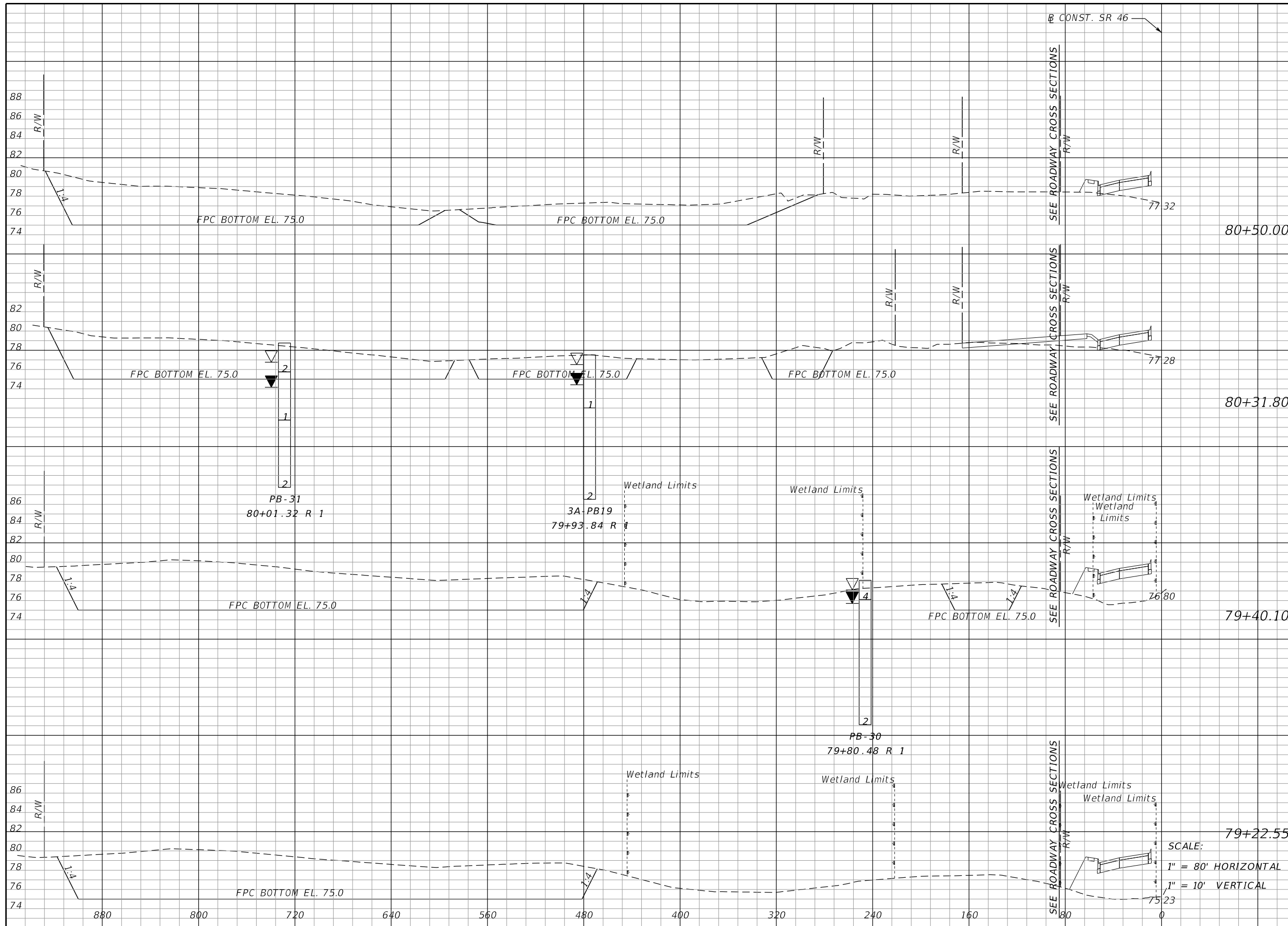
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2A

SHEET NO.
 455

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
1615	1077	0	0		
1580	5959	0	0		
1929	1217	0	0		
1817	1521	0	0		

SCALE:
 1" = 80' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

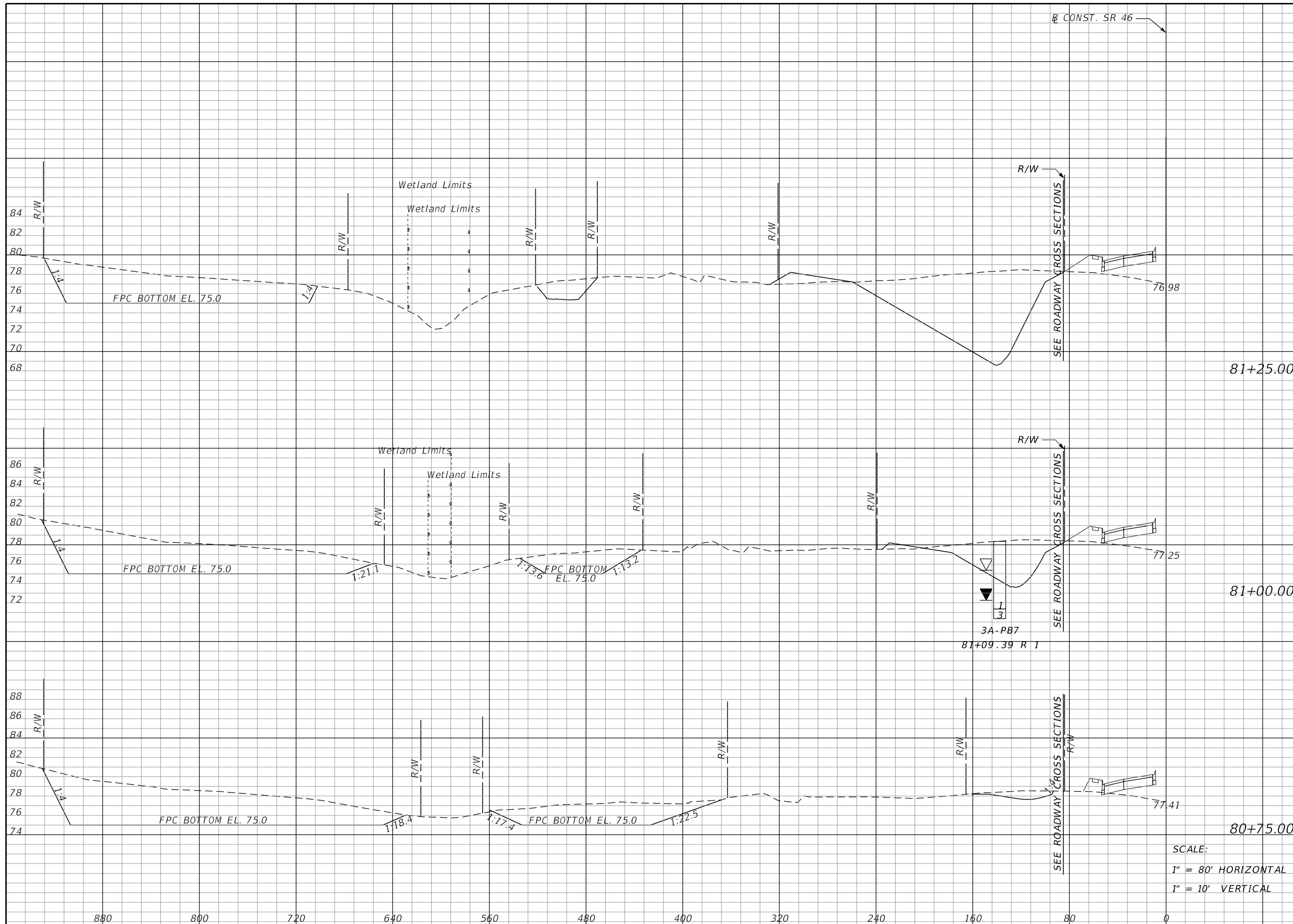
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2A

SHEET NO.
 456

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
1527		1283		39	23
1244		1167		11	5
1277		1339		0	0

SCALE:
 1" = 80' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

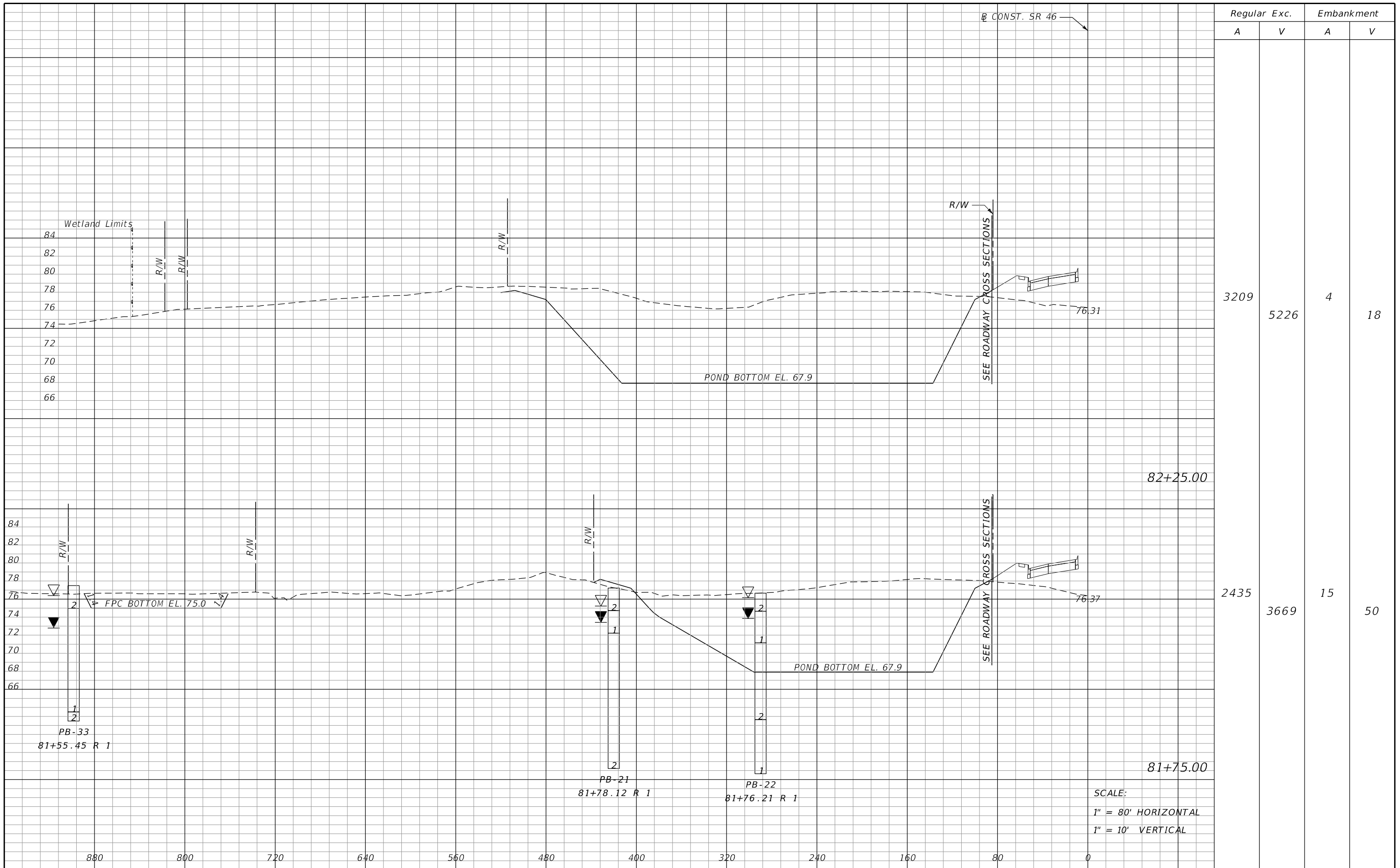
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS		SHEET NO.
WB2A		457

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
3209		5226		4	18
2435		3669		15	50

SCALE:
 1" = 80' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

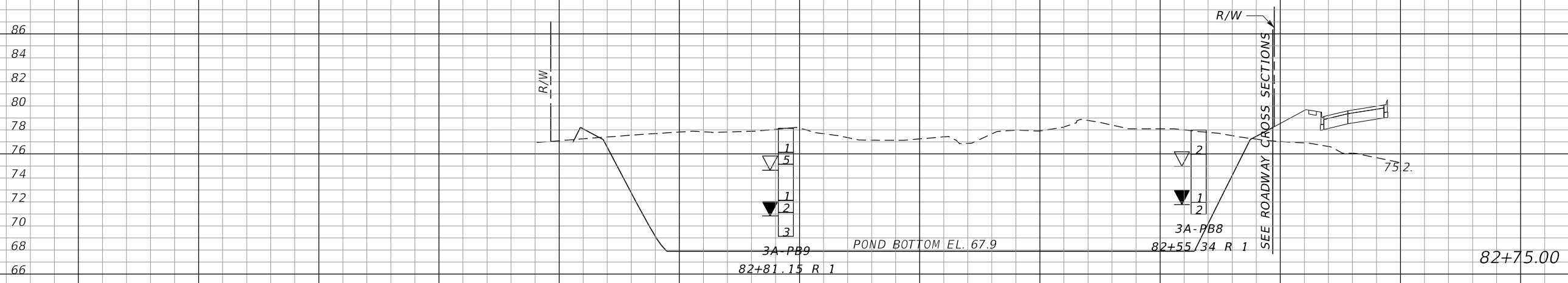
POND CROSS SECTIONS
WB2A

SHEET NO.
 458

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONST. SR 46

Regular		Exc.		Embankment	
A	V	A	V	A	V
3532		6873		46	57
3891		6574		16	19



SCALE:
 1" = 80' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

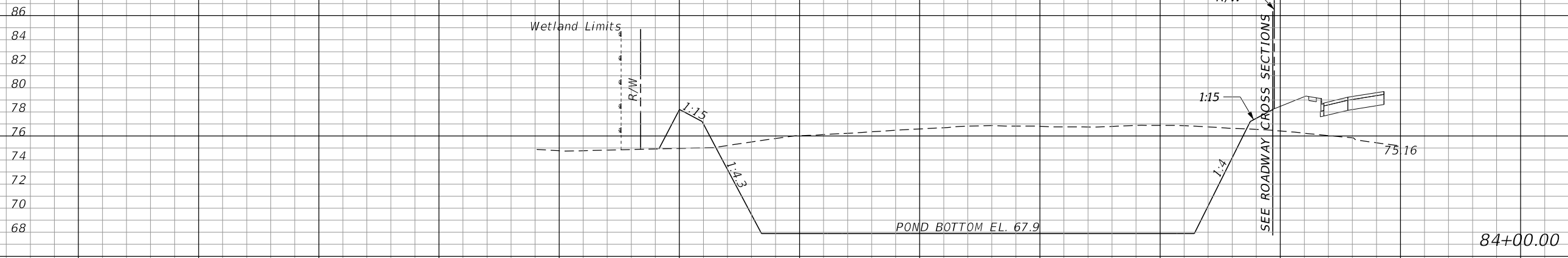
POND CROSS SECTIONS
WB2A

SHEET NO.
 459

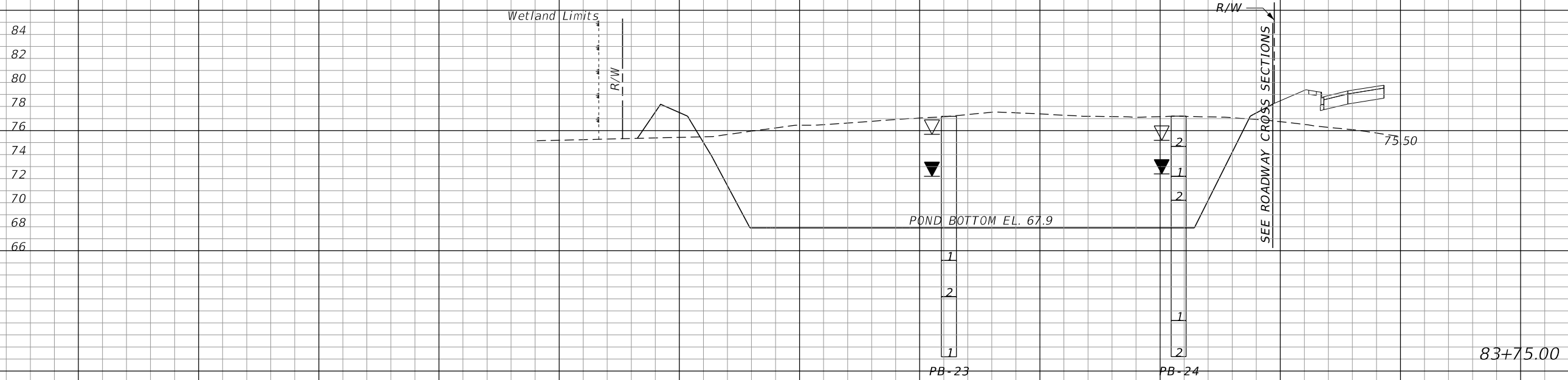
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONST. SR 46

Regular Exc.		Embankment	
A	V	A	V



2771	2666	92	81
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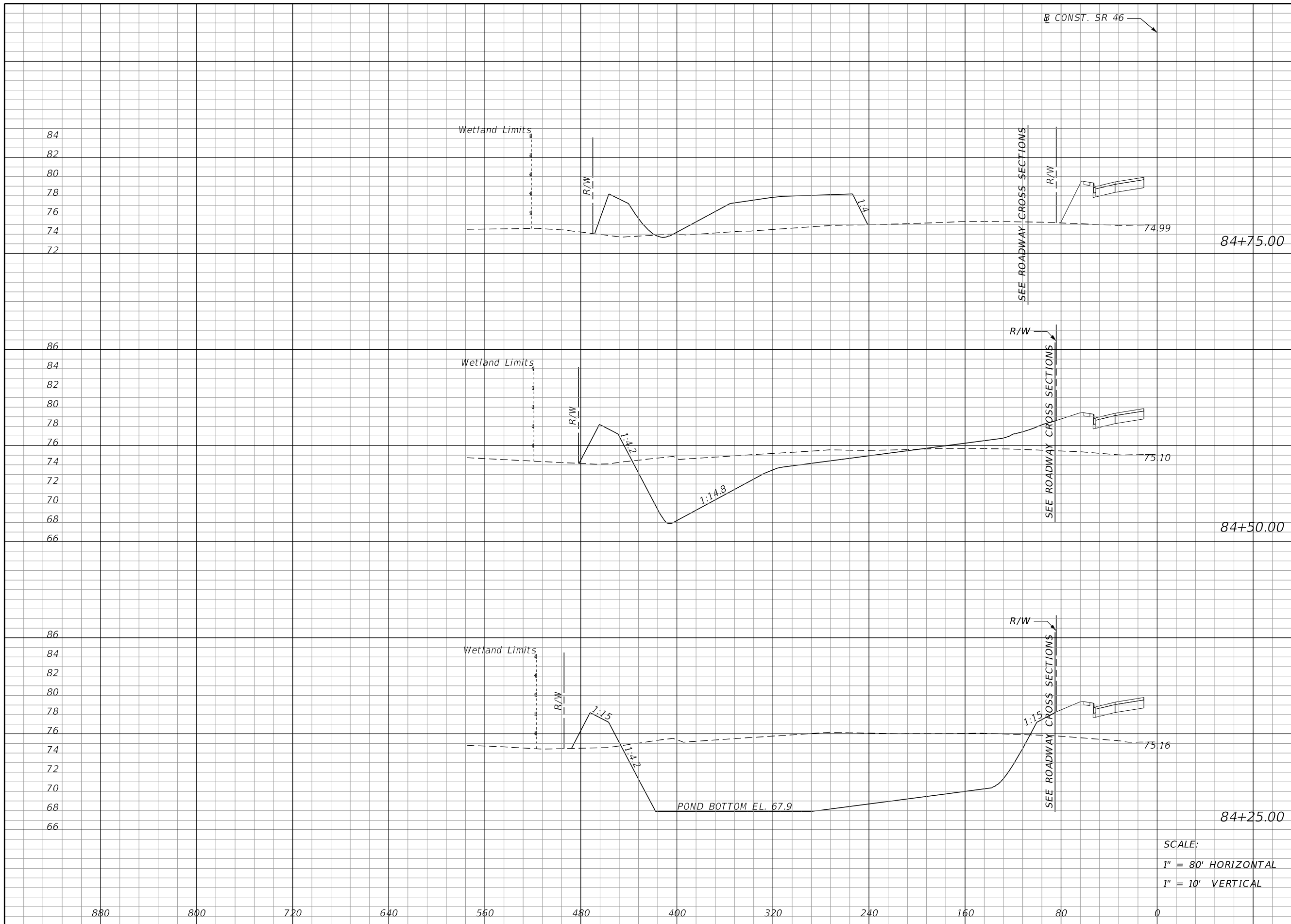
2988	6037	82	119
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SCALE:
 1" = 80' HORIZONTAL
 1" = 10' VERTICAL

880 800 720 640 560 480 400 320 240 160 80 0

<table border="1"> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>		REVISIONS		DATE	DESCRIPTION			MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>SR 46</td> <td>LAKE</td> <td>238275-2-52-01</td> </tr> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 46	LAKE	238275-2-52-01	POND CROSS SECTIONS WB2A		SHEET NO. 460
REVISIONS																					
DATE	DESCRIPTION																				
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																			
SR 46	LAKE	238275-2-52-01																			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
3	271	547	362		
583	1308	235	166		
2242	2321	123	100		

SCALE:
 1" = 80' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

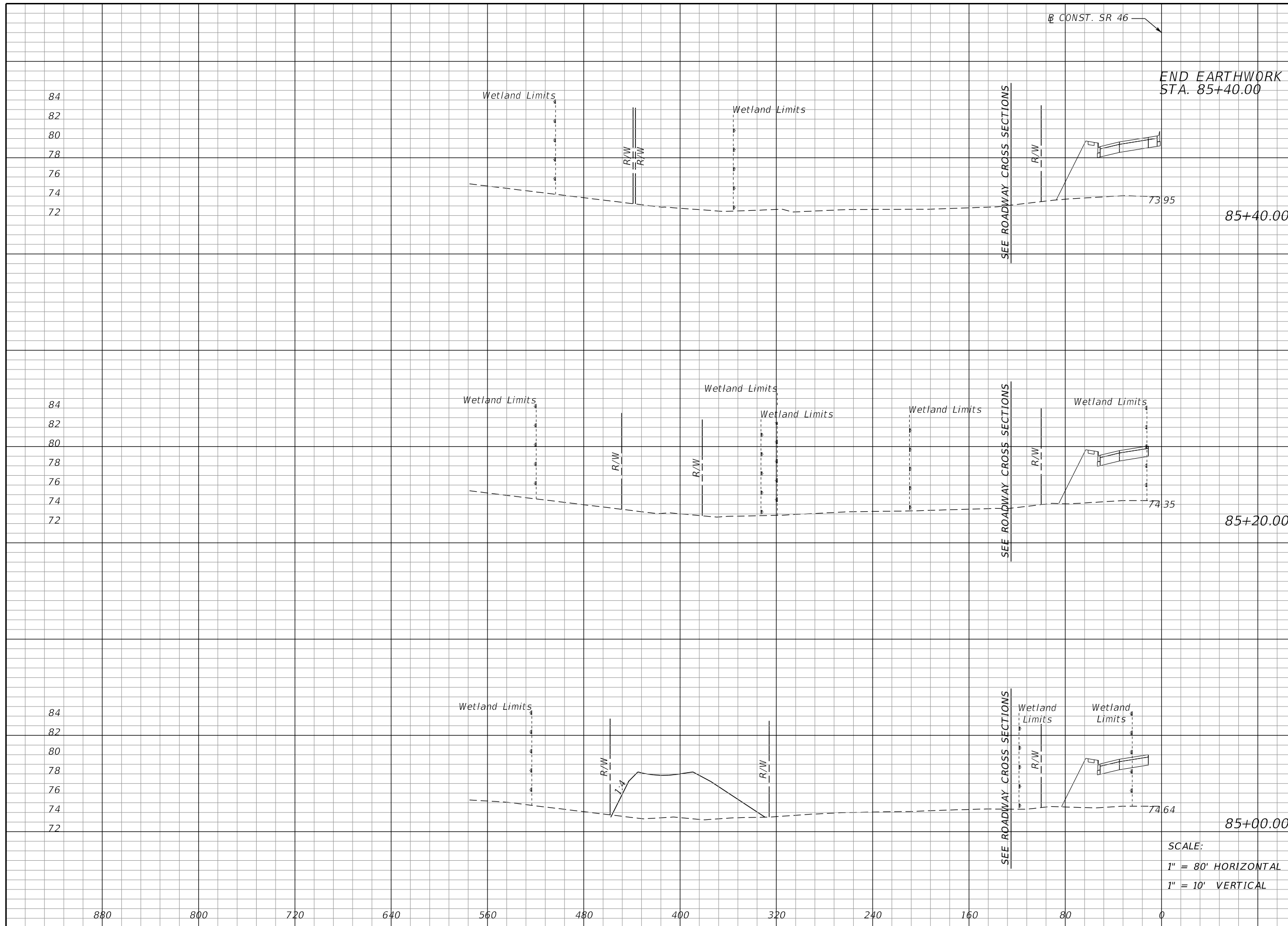
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2A

SHEET NO.
 461

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	0	0
0	0	0	0	156	0
0	1	420	0	448	0

END EARTHWORK
STA. 85+40.00

SEE ROADWAY CROSS SECTIONS

SEE ROADWAY CROSS SECTIONS

SEE ROADWAY CROSS SECTIONS

SCALE:
1" = 80' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

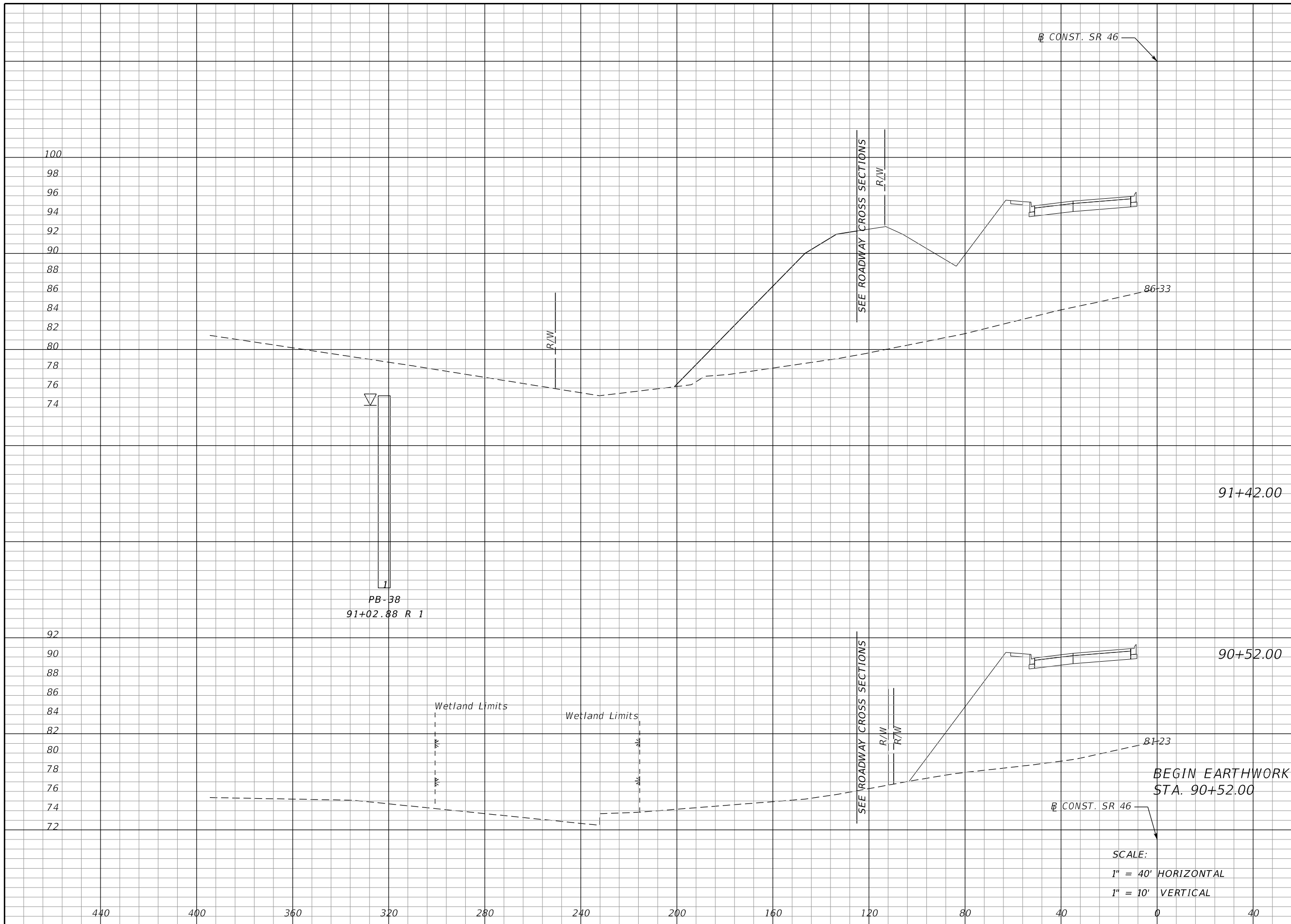
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2A

SHEET NO.
462

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	573	0	955	0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2B

SHEET NO.
 463

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

104
102
100
98
96
94
92
90
88
86
84
82
80
78
76

102
100
98
96
94
92
90
88
86
84
82
80
78
76

440 400 360 320 280 240 200 160 120 80 40 0 40

Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	3726	0	3719	0
0	0	1318	0	616	0

R/W

SEE ROADWAY CROSS SECTIONS

CONST. SR 46

1:4

1:2.9

1:7.7

1:15.28

3

3A-PB10
91+84.08 R 1

R/W

SEE ROADWAY CROSS SECTIONS

1:7

1:4

R/W

CONST. SR 46

91+99.42

91+59.60

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2B

SHEET NO.
464

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

104
102
100
98
96
94
92
90
88
86
84
82
80
78

104
102
100
98
96
94
92
90
88
86
84
82
80
78

440 400 360 320 280 240 200 160 120 80 40 0 40

CONST. SR 46

SEE ROADWAY CROSS SECTIONS

SEE ROADWAY CROSS SECTIONS

POND BOTTOM EL. 94.0

POND BOTTOM EL. 94.0

1:15.30

1:15.29

1:4

1:4

1:7.72

91.71

91.08

92+40.64

92+25.37

CONST. SR 46

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

Regular		Exc.		Embankment	
A	V	A	V	A	V

0	0	4253	2467
---	---	------	------

0	0	4472	3940
---	---	------	------

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

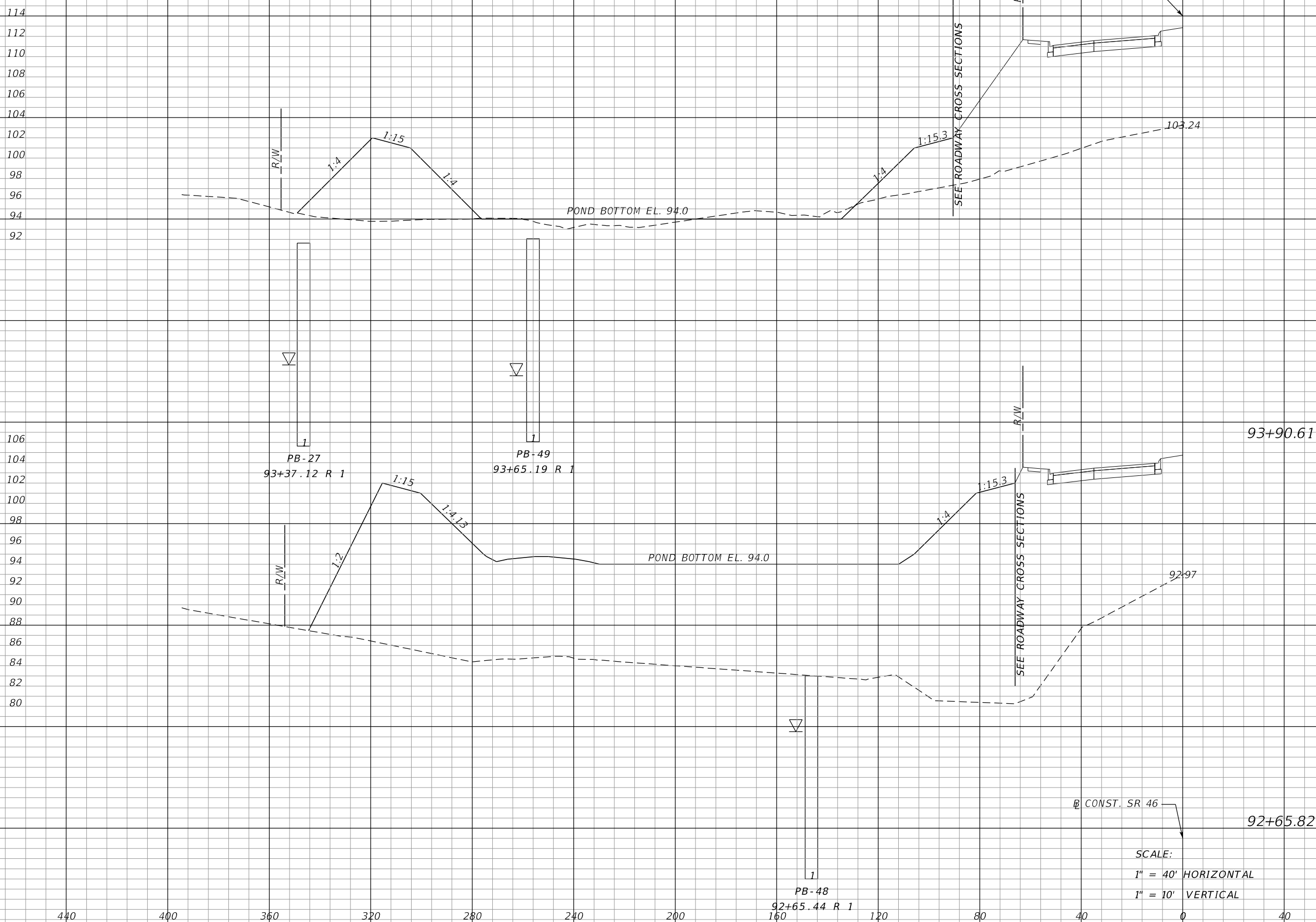
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2B

SHEET NO.
465

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
32	74	493	8761	0	0
		3298	3521		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

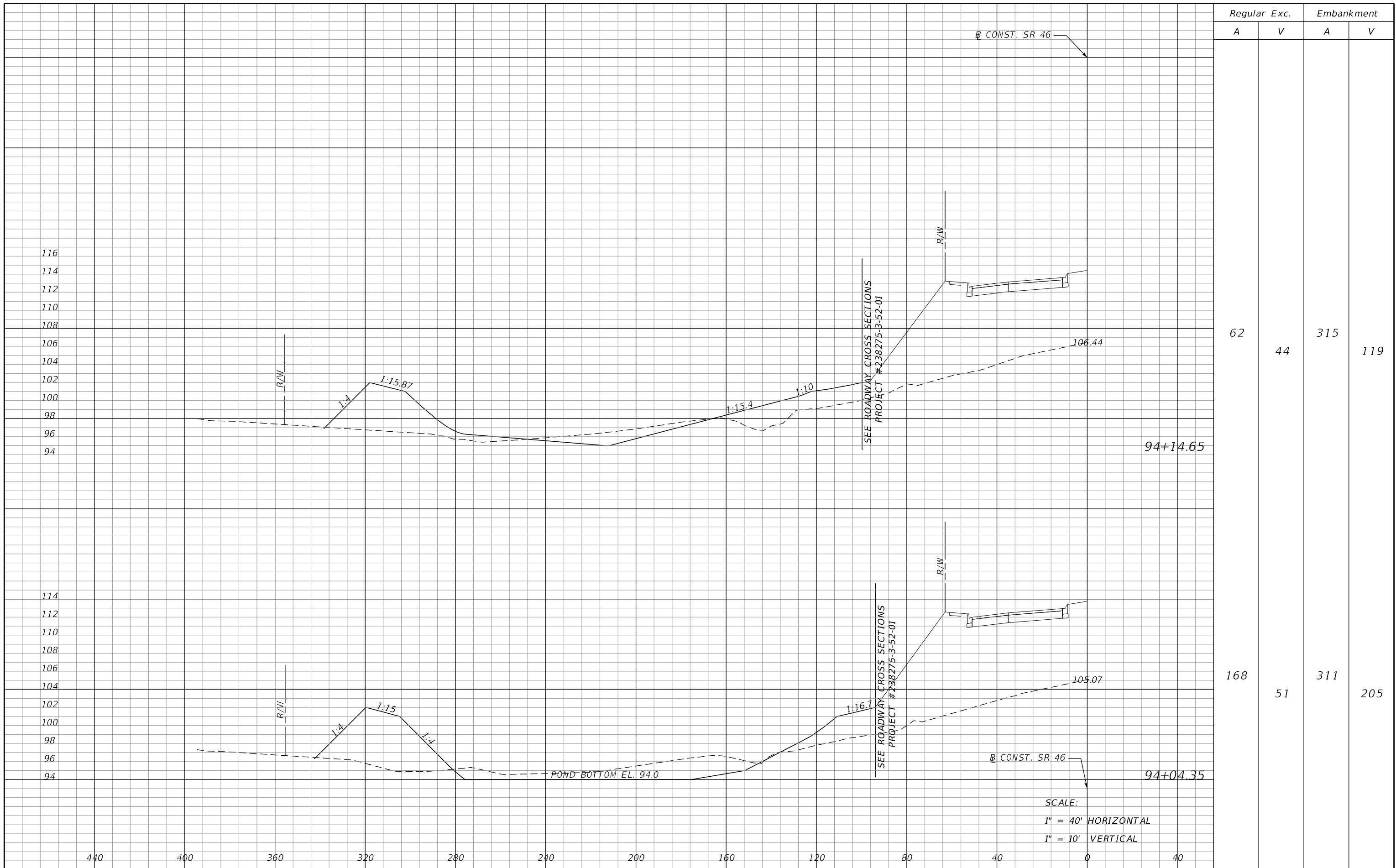
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2B

SHEET NO.
 466

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
62			44	315	119
168			51	311	205

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

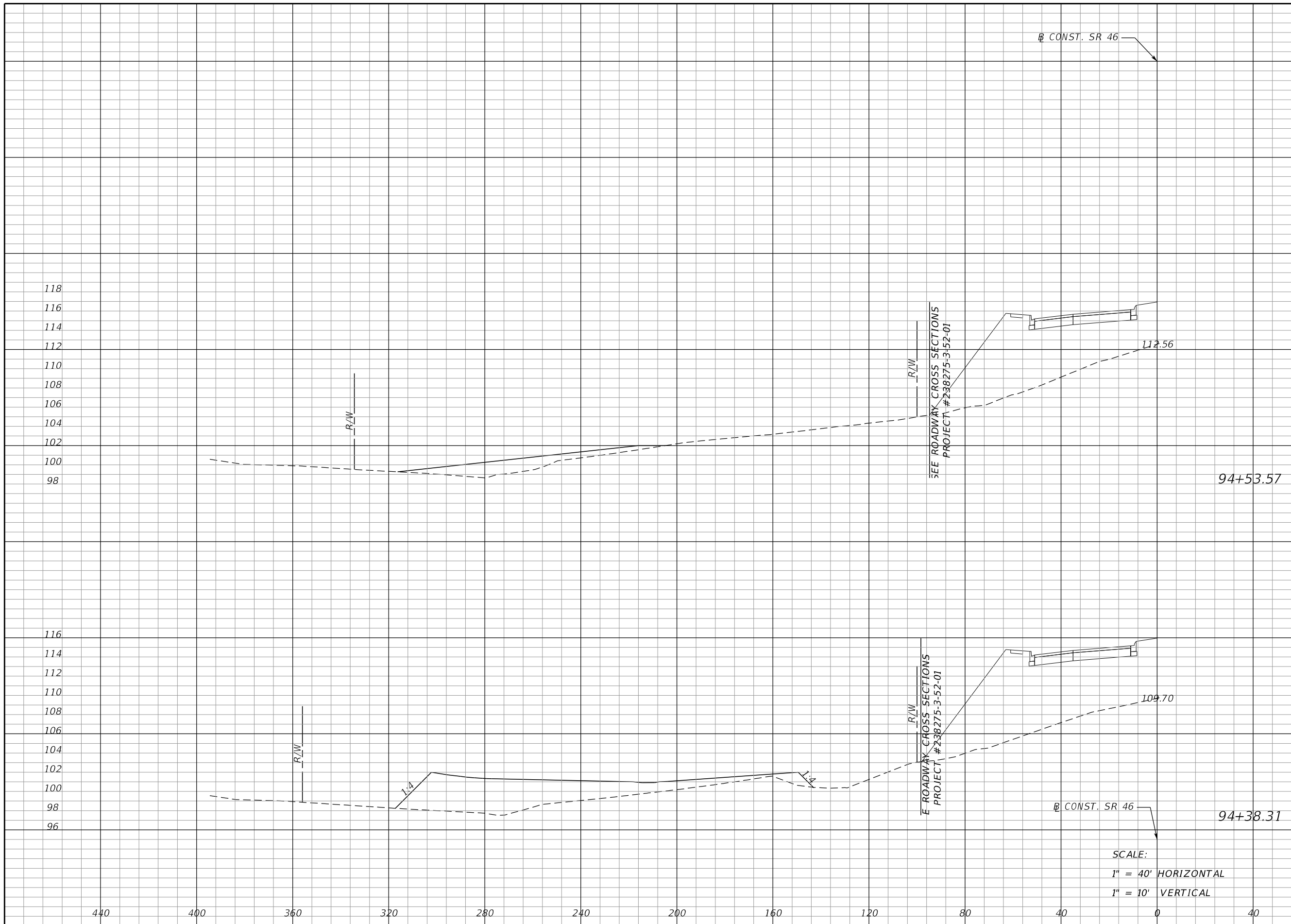
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2B

SHEET NO.
 467

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	90	117	0	27
0	27	324	280		

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

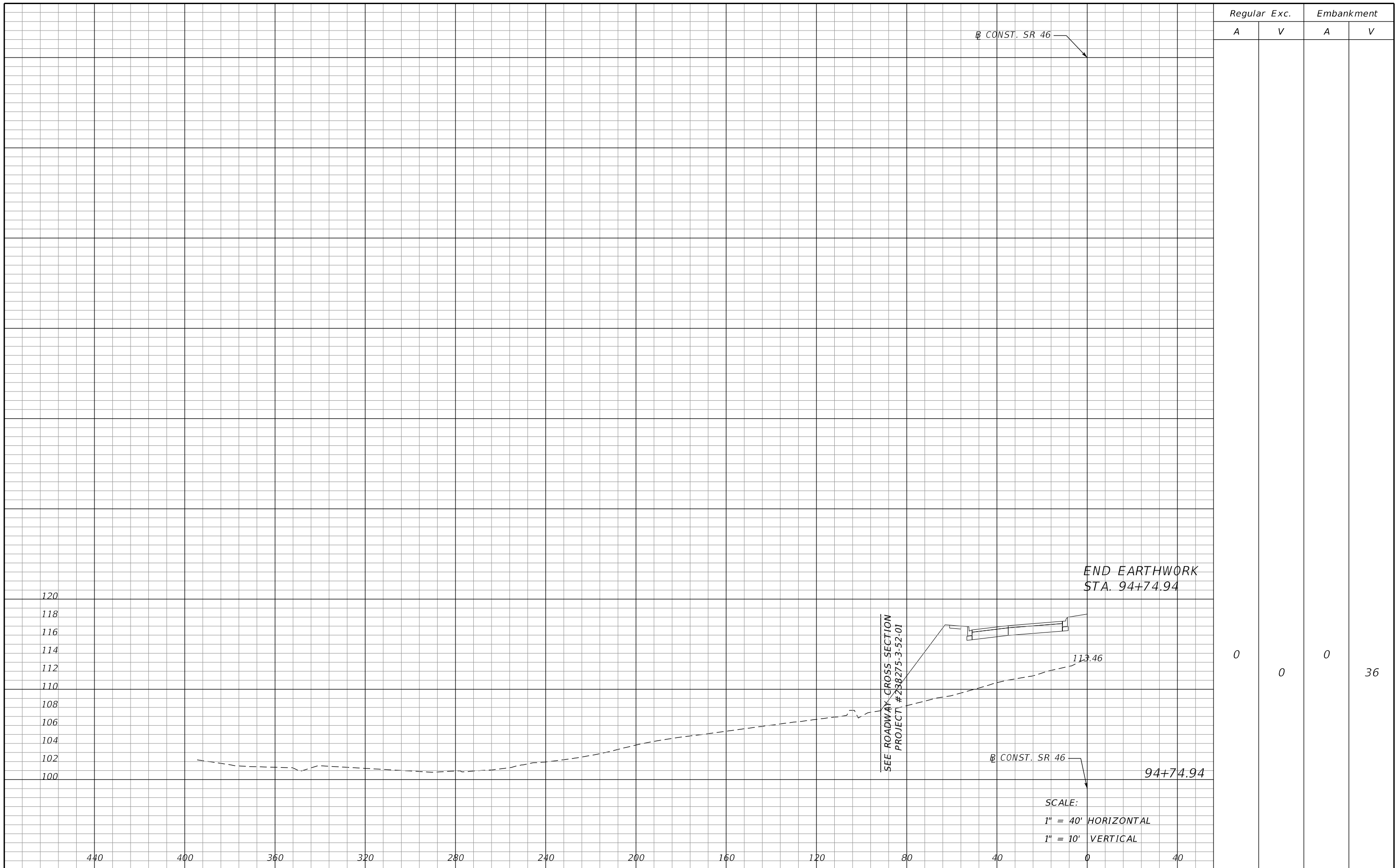
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB2B

SHEET NO.
 468

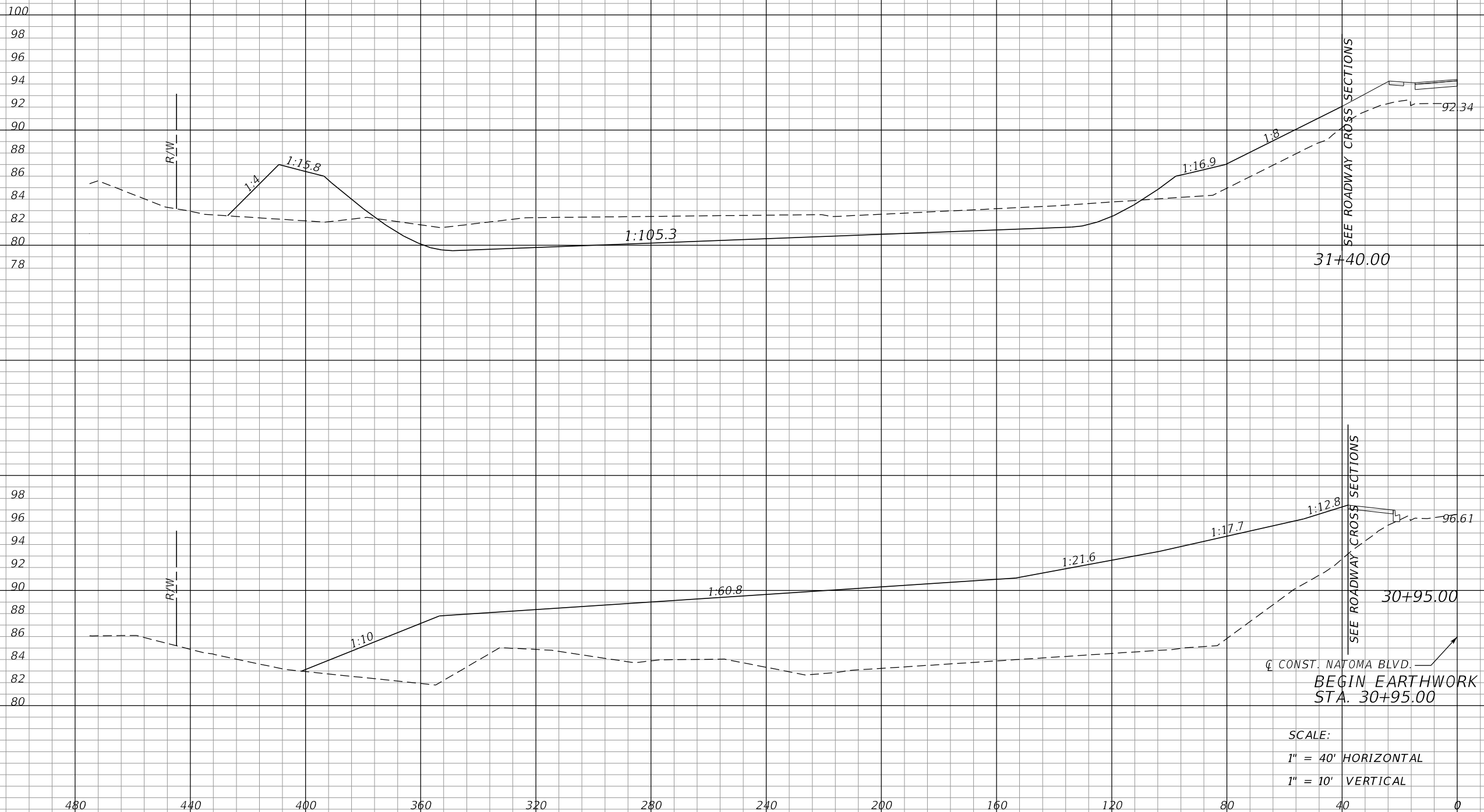
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	0	36

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			POND CROSS SECTIONS WB2B		SHEET NO. 469
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791			ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
516		430		278	2028
0		0		2155	0

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

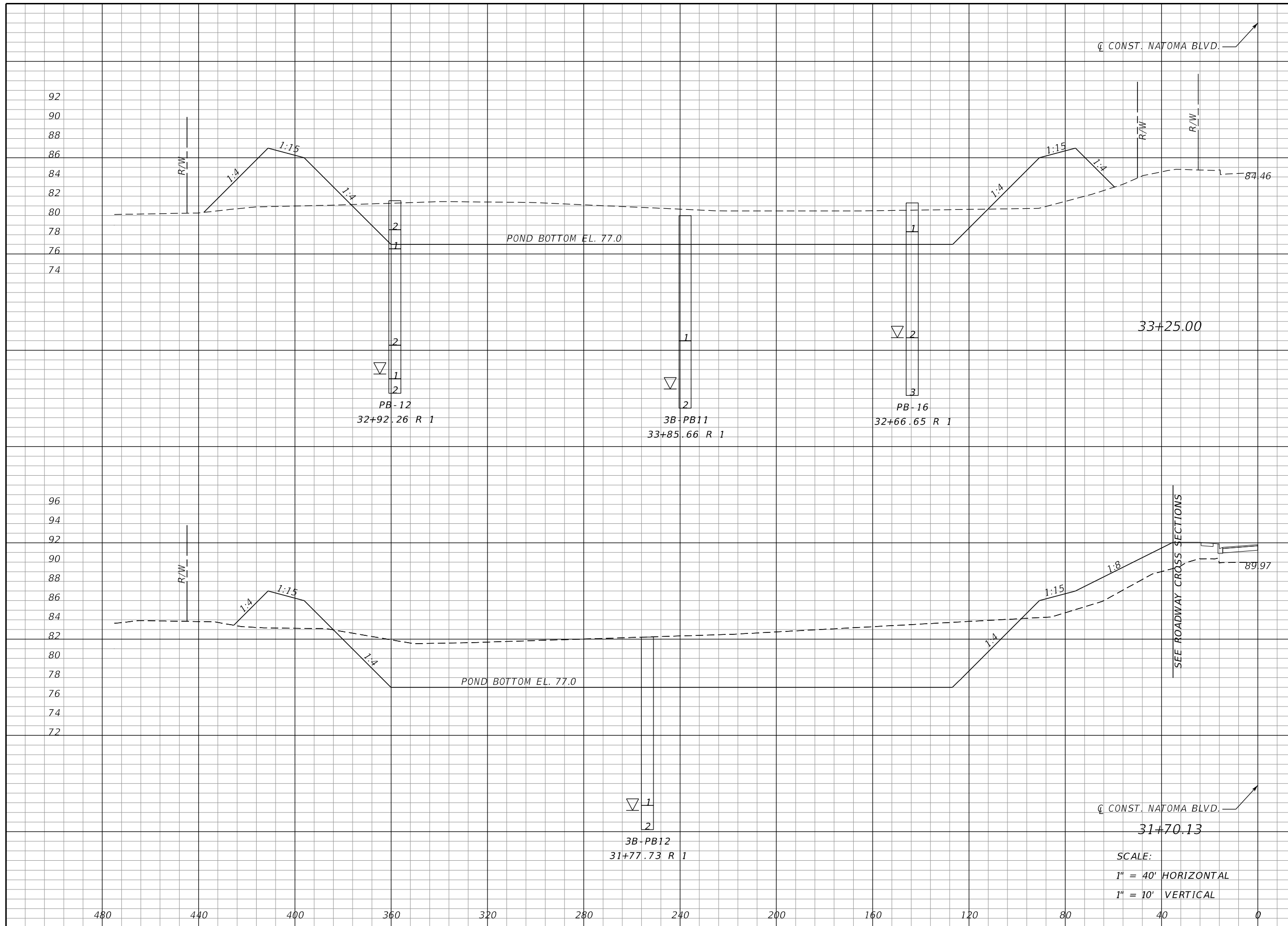
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-2

SHEET NO.
 470

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
962	6829	390	1767	1419	281

Q CONST. NATOMA BLVD.

33+25.00

SEE ROADWAY CROSS SECTIONS

Q CONST. NATOMA BLVD.

31+70.13

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

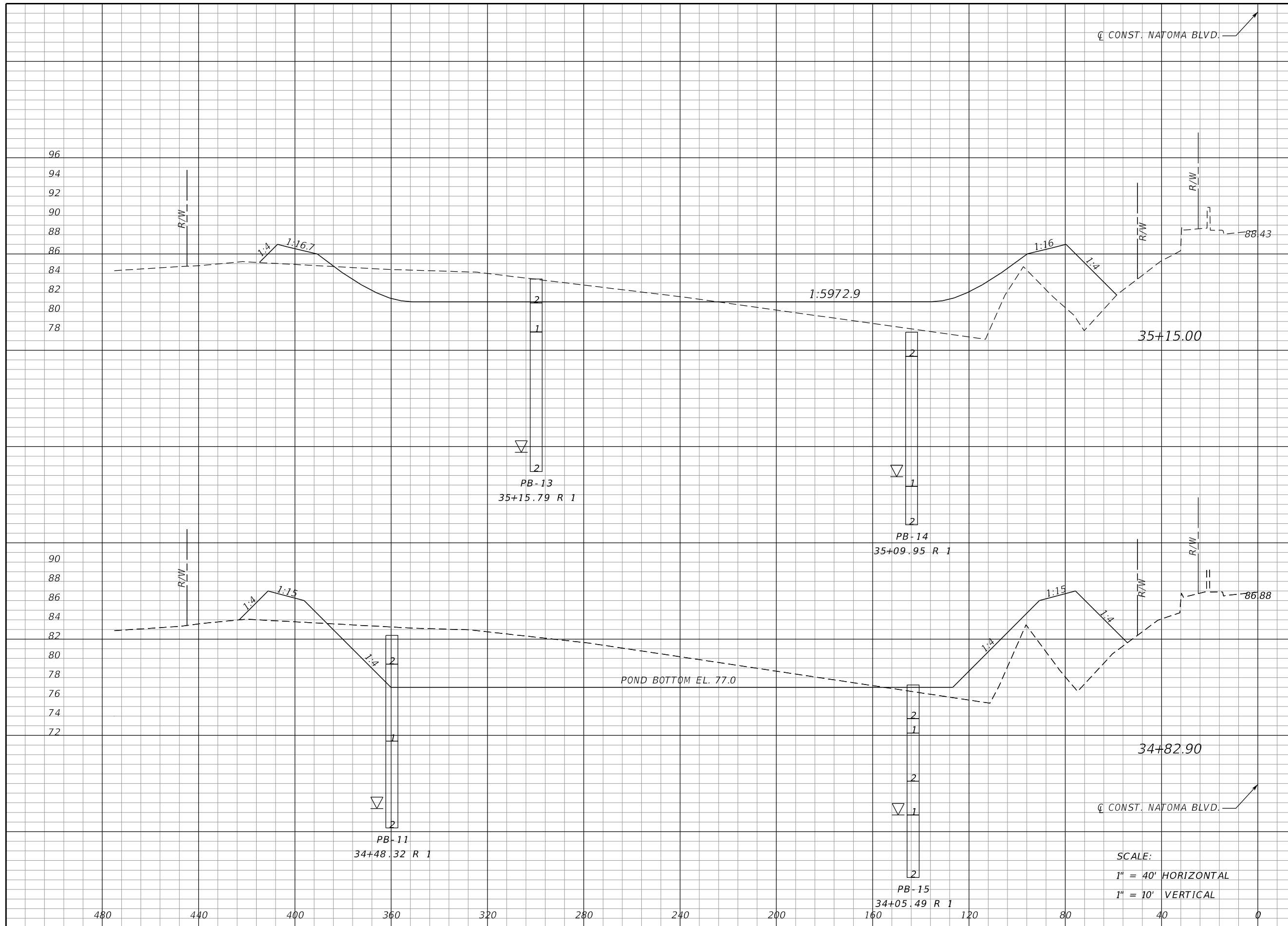
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-2

SHEET NO.
471

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
312	676	487	541	825	2377

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-2

SHEET NO.
 472

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	0	0	0	482
0	0	1038	0	598	0
0	115	1116	0	591	0

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

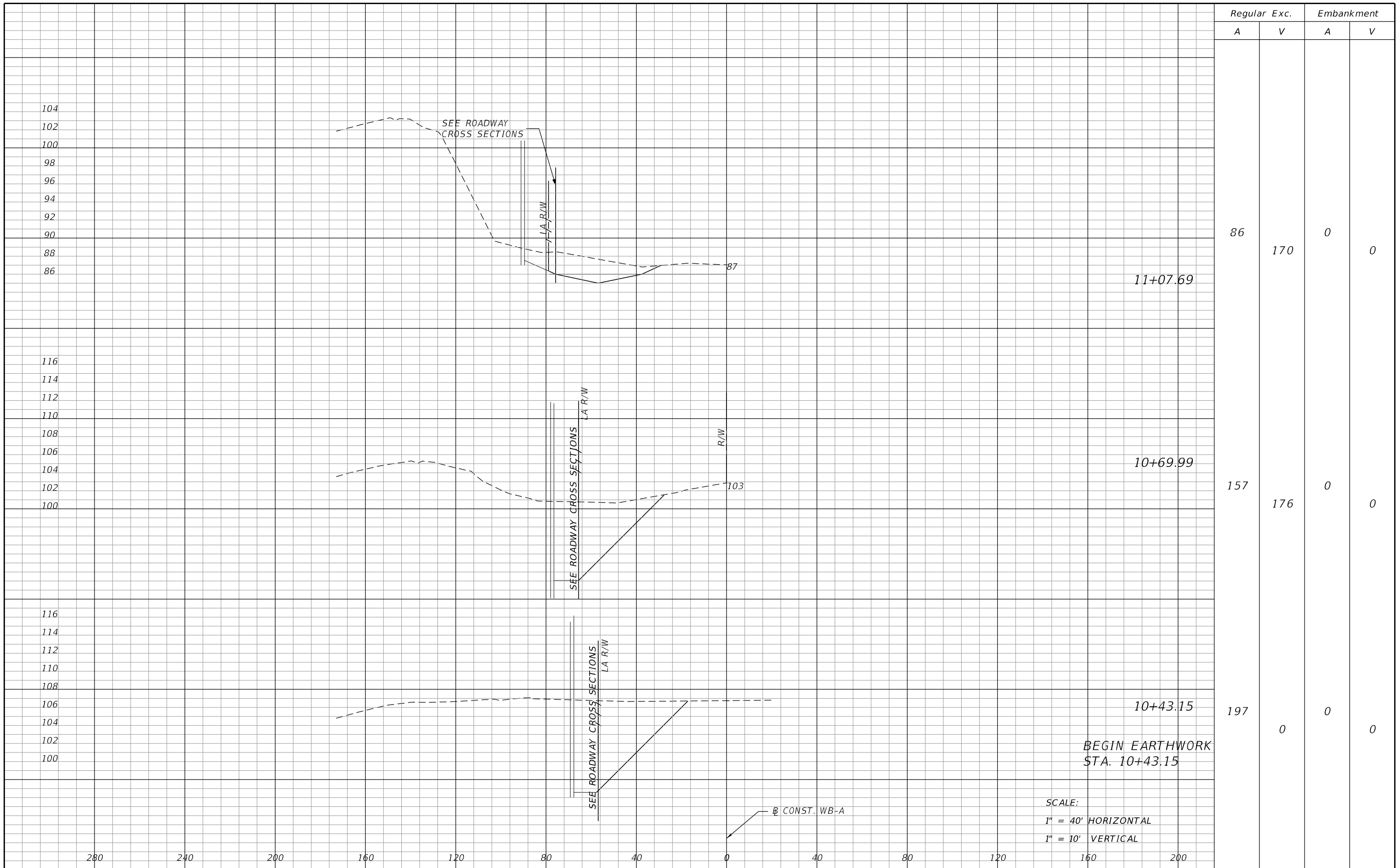
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB441-2

SHEET NO.
 473

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
86	170	0	0		
157	176	0	0		
197	0	0	0		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

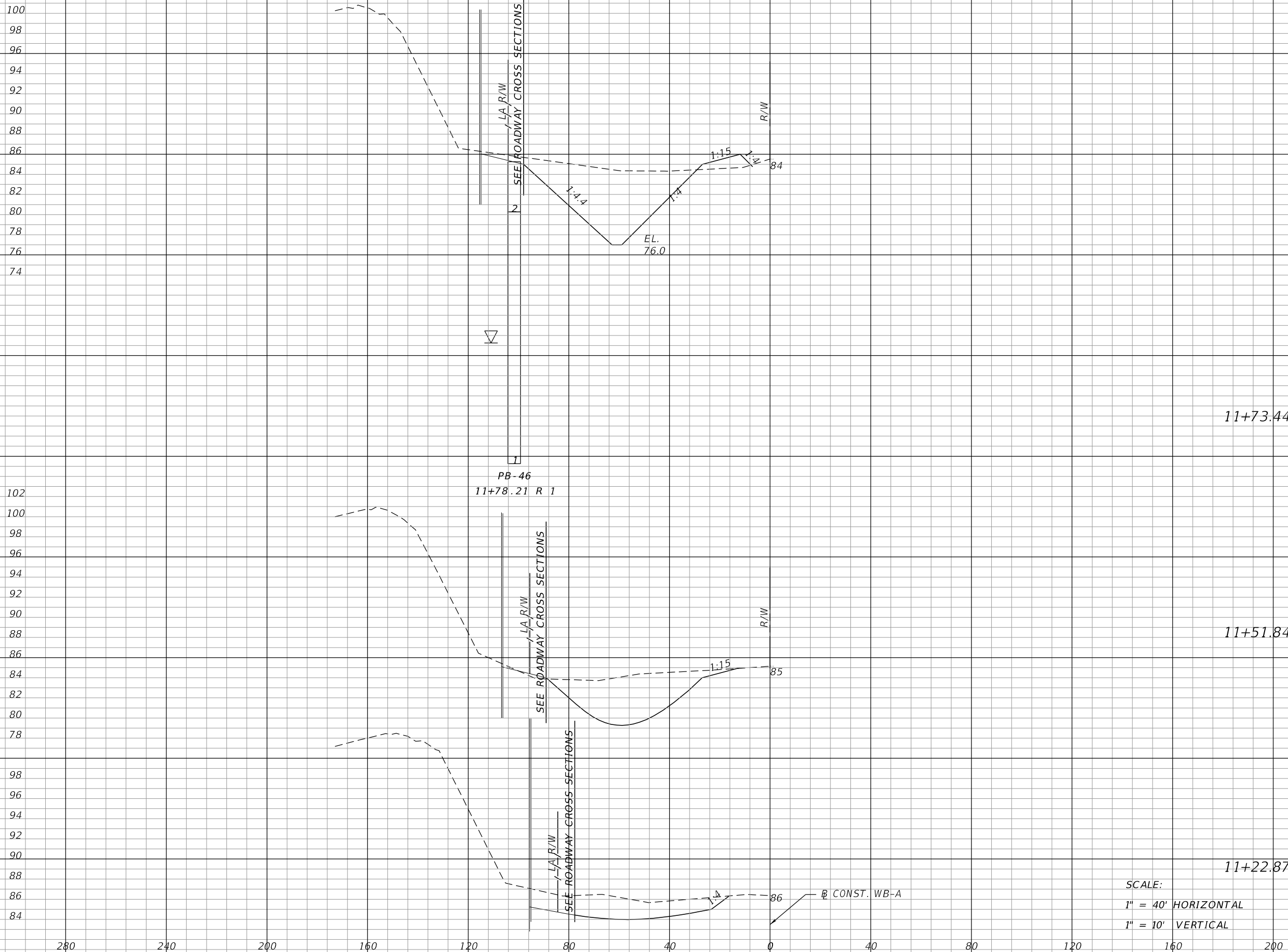
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB-A

SHEET NO.
 474

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular	Exc.	Embankment	
		A	V
281	192	17	7
199	161	0	0
102	53	0	0

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

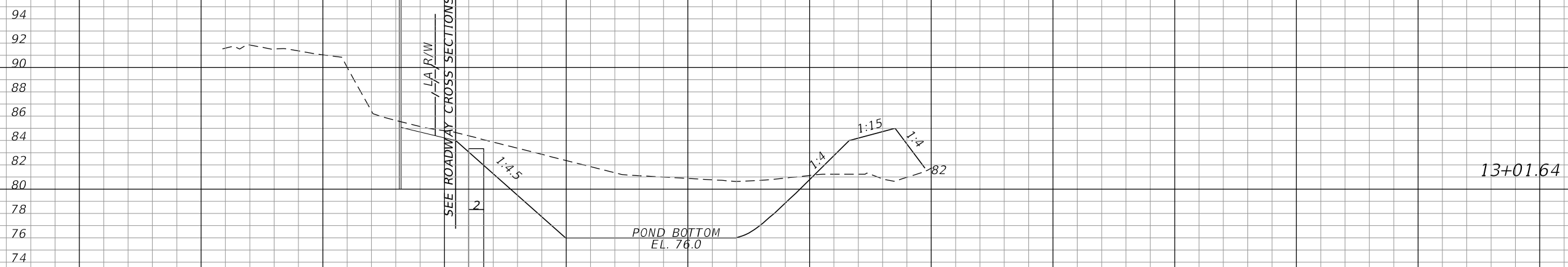
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB-A

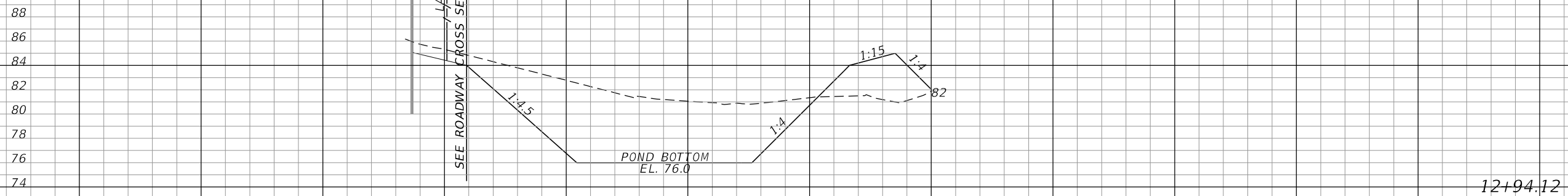
SHEET NO.
475

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Regular Exc.		Embankment	
A	V	A	V



486	136	90	25
-----	-----	----	----



494	1732	87	232
-----	------	----	-----

SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

CONST. WB-A

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

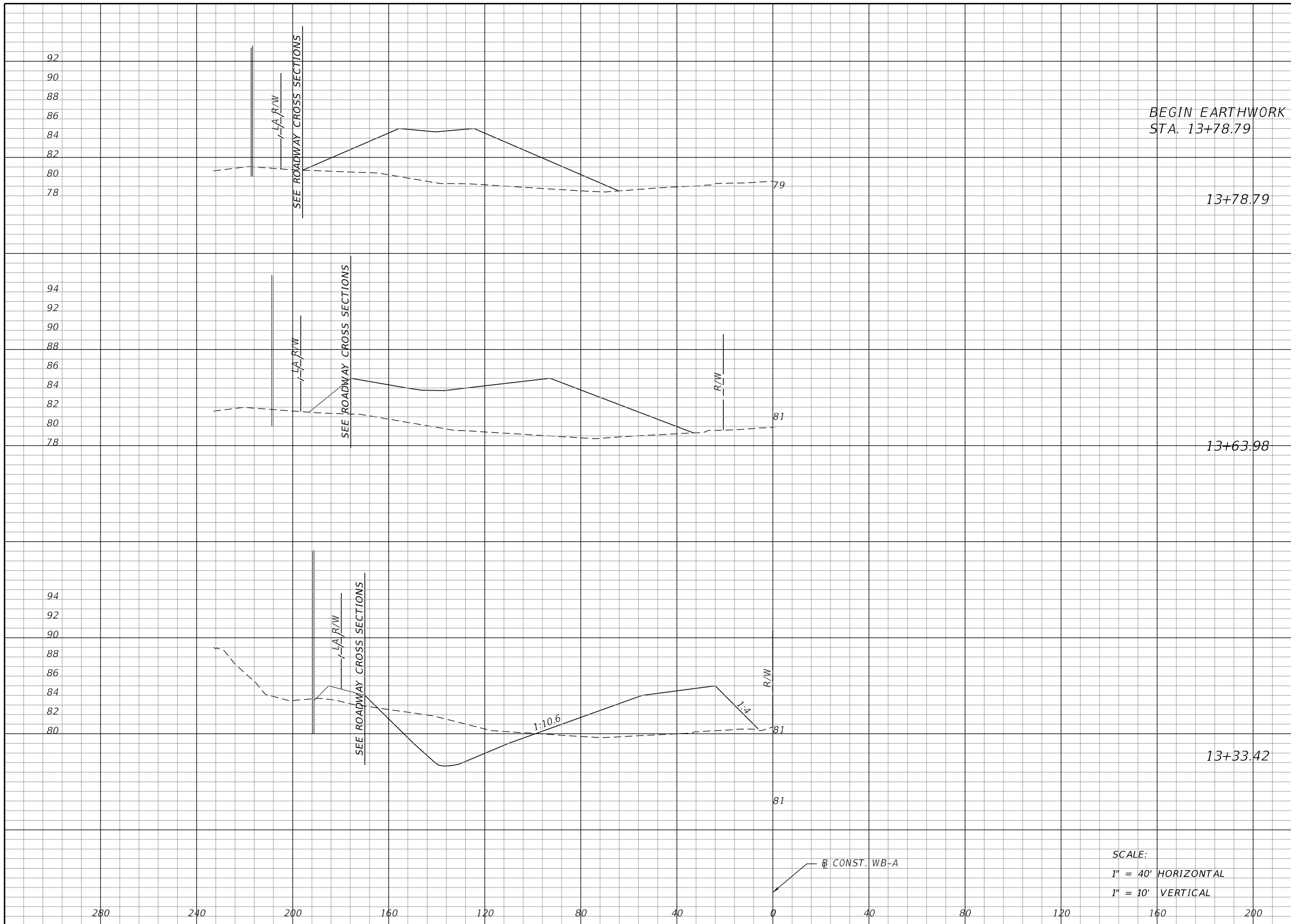
ENGINEER OF RECORD:
 KATHY L. DOBBINS, P.E.
 FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB-A

SHEET NO.
 476

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



BEGIN EARTHWORK
STA. 13+78.79

13+78.79

13+63.98

13+33.42

SCALE:
1" = 40' HORIZONTAL
1" = 10' VERTICAL

Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	444	273		
0	96	553	471		
169	385	280	218		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

POND CROSS SECTIONS
WB-A

SHEET NO.
477

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE DESIGN STANDARDS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE FIRST SHEET OF THE CONSTRUCTION PLANS (CALLED THE KEY SHEET) CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS NARRATIVE, THE CONTRACTORS APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

1.0 SITE DESCRIPTION:

1.A. NATURE OF CONSTRUCTION ACTIVITY:

PROJECT LIMITS: SR 46 FROM WEST OF GROVELAND ROAD TO EAST OF VISTA VIEW AND SR 500 FROM ORANGE/ LAKE COUNTY LINE TO NORTH OF NATOMA BLVD. IN LAKE COUNTY.

THE PROJECT INCLUDES THE WIDENING OF SR 46 FROM RURAL 2-LANES TO HIGH SPEED URBAN 6-LANE, THE WIDENING OF SR 500 FROM RURAL 4-LANE TO HIGH SPEED URBAN 6-LANE WITH A FLYOVER FROM SOUTHBOUND SR 500 TO EASTBOUND SR 46, THE CONSTRUCTION OF 10 STORMWATER PONDS AND 2 FLOODPLAIN COMPENSATION PONDS.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

1. CLEARING AND GRUBBING, EARTHWORK, AND CONSTRUCTION OF STORMWATER PONDS AND CONTROL STRUCTURES.
2. CLEARING AND GRUBBING, EARTHWORK AND CONSTRUCTION OF INTERCHANGE BRIDGE INCLUDING STORM DRAIN PIPE AND CONVEYANCE DITCH.
3. CLEARING AND GRUBBING, EARTHWORK AND CONSTRUCTION OF ROADWAY WIDENING AND ASSOCIATED STORM DRAIN PIPES AND CONVEYANCE DITCH.
4. ASSOCIATED MILLING AND RESURFACING.

1.C. AREA ESTIMATES:

TOTAL SITE AREA: 105.80 ACRES.
TOTAL AREA TO BE DISTURBED: 80.39 ACRES.

1.D. RUNOFF DATA:

RUNOFF COEFFICIENTS:
BEFORE: 0.72
DURING: VARIES FROM 0.72 TO 0.73
AFTER: 0.78

SOILS DATA: CANDLER SAND AND PLACID & MYAKKA SAND

OUTFALL INFORMATION: WOLF BRANCH SINK

POND	DRAINAGE AREA (AC)	POND CONTROL STRUCTURE		OUTFALL TO:
		LATITUDE	LONGITUDE	
WB441-1-1	8.11	N 28° 47' 50"	W 81° 37' 32"	WB441-1-4
WB441-1-2	5.00	N 28° 47' 47"	W 81° 37' 31"	WB441-1-3
WB441-1-3	2.96	N 28° 47' 47"	W 81° 37' 28"	WB441-1-4
WB441-1-4	11.88	W 28° 47' 46"	W 81° 37' 23"	WB1-1
WB441-2	58.47	N 28° 48' 12"	W 81° 37' 27"	WOLF BRANCH SINK
WB1-1	8.83	N 28° 47' 49"	W 81° 37' 11"	WOLF BRANCH SINK
WB1-2	6.72	N 28° 47' 55"	W 81° 37' 7"	WOLF BRANCH SINK
WB2A	13.19	N 28° 48' 6"	W 81° 36' 42"	WOLF BRANCH SINK
WB2B	17.35	N 28° 48' 5"	W 81° 36' 30"	WOLF BRANCH SINK
WB-A	18.88	N 28° 48' 50"	W 81° 20' 70"	WOLF BRANCH SINK

1.E. SITE MAP

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE DRAINAGE DIVIDES AND FLOW DIRECTIONS ARE SHOWN ON THE DRAINAGE MAPS. THE SHEET NUMBERS FOR THE MAPS ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS.

2.0 CONTROLS:

2.A. EROSION AND SEDIMENT CONTROLS:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTORS PROPOSED TEMPORARY TRAFFIC CONTROL (TTC) PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THE CONSTRUCTION PLANS. WHERE FOLLOWING THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THESE CONSTRUCTION PLANS, THE CONTRACTOR MAY CHOOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SEDIMENT AND EROSION CONTROL PLAN, SUBJECT TO APPROVAL BY THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER PRACTICES.

2.A.1 STABILIZATION PRACTICES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES ON DISTURBED AREAS AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE SHALL MORE THAN 7 DAYS PASS AFTER THE CONSTRUCTION ACTIVITY IN THE PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING.

TEMPORARY:

- * TURF AND SOD IN ACCORDANCE WITH SPECIFICATION SECTION 104.

PERMANENT:

- * ASPHALT OR CONCRETE SURFACE.
- * SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570.

2.A.2 STRUCTURAL PRACTICES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING:

TEMPORARY (IN ACCORDANCE WITH SPECIFICATION SECTION 104):

- * SEDIMENT BARRIER.
- * INLET PROTECTION.

PERMANENT:

- * SOD.

2.B. STORMWATER MANAGEMENT:

STORMWATER RUNOFF GENERATED BY THE PROJECT WILL BE COLLECTED AND CONVEYED TO THE PONDS VIA ROADSIDE DITCHES TO EXISTING CULVERTS AND CROSS DRAINS UNTIL THE PROPOSED STORM SEWER SYSTEM IS CONSTRUCTED. THE PROPOSED RUNOFF WILL BE COLLECTED AND CONVEYED TO THE PONDS VIA PROPOSED STORM SEWER SYSTEM.

2.C. OTHER CONTROLS:

2.C.1 WASTE DISPOSAL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE UNITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

- * PROVIDING LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES
- * DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- * DISPOSING OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS, OR WETLANDS

2.C.2 OFF-SITE VEHICLE TRACKING AND DUST CONTROL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE ATLEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- * COVERING LOADED HAUL TRUCKS WITH TARPULINS.
- * REMOVING EXCESS DIRT FROM ROADS DAILY.
- * STABILIZING CONSTRUCTION ENTRANCES ACCORDING TO DESIGN STANDARD 106.
- * USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.
- * SOIL TRACKING DEVICE

2.C.3 STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

2.C.4 FERTILIZERS AND PESTICIDES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTIONS OF SECTION 570 OF THE SPECIFICATIONS.

2.C.5 TOXIC SUBSTANCES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES.

2.D APPROVED STATE AND LOCAL PLANS AND PERMITS:
FDEP: ERP35-0328219-001-EI ISSUED 1/23/15

3.0 MAINTENANCE:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM, COMPLY WITH THE FOLLOWING:

- * INLET PROTECTION: MAINTAIN PER SECTION 104.

4.0 INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDER DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THAT LATEST STORMWATER POLLUTION PREVENTION PLAN.

- * POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
- * POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM DRAIN SYSTEMS.
- * DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- * AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- * STRUCTURAL CONTROLS.
- * LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

THE CONTRACTOR SHALL INITIATE REPAIRS IMMEDIATELY THAT ITEMS ARE NOT IN GOOD WORKING ORDER.

IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES.

5.0 NON-STORMWATER DISCHARGES:

THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES. IF THE CONTRACTOR ENCOUNTERS CONTAMINATED SOIL OR GROUNDWATER, CONTACT THE FDOT DISTRICT 5 HAZARDOUS MATERIAL COORDINATOR AT (386) 943-5000.

PLEASE BE AWARE THAT ANY DEWATERING ACTIVITIES WILL REQUIRE THE GENERAL CONSTRUCTION DEWATERING PERMIT. IF DEWATERING OCCURS OR IS REQUIRED, THE CONTRACTOR SHALL OBTAIN THE FDEP GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY SITE ACTIVITY (DOCUMENT NO. 62-621.300(2)) AND ADHERE TO NECESSARY PERMITTING REQUIREMENTS.

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA			SHEET NO. 478
DATE	DESCRIPTION	DATE	DESCRIPTION		DEPARTMENT OF TRANSPORTATION			
					ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 46	LAKE	238275-2-52-01	

WETLAND FLAGS

Flag Number	Northing (Y COORD.)	Easting (X COORD.)
W6-1	1622958.89	457127.43
W6-2	1622994.20	457115.23
W6-3	1623057.12	457114.10
W6-4	1623081.14	457118.18
W6-5	1623111.96	457144.71
W6-6	1623161.04	457173.84
W6-7	1623207.56	457245.93
W6-8	1623215.25	457299.11
W6-9	1623285.04	457374.35
W6-10	1623323.83	457452.68
W6-11	1623369.82	457526.50
W6-12	1623421.79	457592.09
W6-13	1623438.83	457637.65
W6-14	1623492.53	457724.82
W6-15	1623507.65	457760.31
W6-16	1623464.40	457777.13
W6-17	1623430.69	457800.34
W6-18	1623395.06	457834.40
W6-19	1623380.33	457871.31
W6-20	1623413.38	457855.65
W6-21	1623439.87	457832.36
W6-22	1623479.04	457795.35
W6-23	1623508.41	457780.87
W6-24	1623546.94	457818.92
W6-25	1623556.21	457846.15
W6-26	1623510.43	457881.26
W6-27	1623475.62	457909.30
W6-28	1623454.20	457961.63
W6-29	1623457.32	457992.80
W6-30	1623415.41	458053.43
W6-31	1623370.93	458125.52
W6-32	1623345.60	458158.00
W6-33	1623292.43	458179.48
W6-34	1623216.75	458150.44
W6-35	1623133.50	458104.15
W6-36	1623057.50	458068.94
W6-37	1623056.96	458034.22
W6-38	1623013.74	457997.88
W6-39	1622979.11	457939.75
W6-40	1622964.49	457899.21
W10-1	1622624.05	458045.26
W10-2	1622690.25	458052.72
W10-3	1622747.50	458042.76
W10-4	1622736.63	458003.47
W10-5	1622715.45	457987.10
W6-41	1622955.00	457801.74
W6-42	1622954.63	457700.44
W6-43	1622960.46	457590.64
W6-44	1622959.97	457500.92
W6-45	1622956.95	457364.39
W6-46	1622955.51	457250.34
W7-1	1624159.95	460916.66
W7-2	1624195.42	460945.73
W7-3	1624228.94	460918.33
W7-4	1624234.82	460795.06
W7-5	1624235.01	460737.27
W7-6	1624218.37	460725.90
W7-7	1624185.83	460748.85
W7-8	1624159.44	460754.46

Flag Number	Northing (Y COORD.)	Easting (X COORD.)
W1-1	1624295.49	460636.52
W1-2	1624346.98	460553.39
W1-3	1624387.13	460557.84
W1-4	1624425.25	460556.35
W1-5	1624467.69	460573.30
W1-6	1624508.33	460572.33
W1-7	1624557.48	460595.39
W1-8	1624605.10	460590.58
W1-9	1624645.33	460579.70
W1-10	1624673.44	460591.05
W1-11	1624674.75	460635.92
W1-12	1624688.18	460666.02
W1-13	1624687.27	460715.08
W1-14	1624667.03	460755.67
W1-15	1624643.19	460791.66
W1-16	1624603.88	460818.98
W1-17	1624620.05	460848.87
W1-18	1624659.62	460870.78
W1-19	1624694.96	460897.89
W1-20	1624736.26	460927.35
W1-21	1624732.73	460973.26
W1-22	1624724.06	461011.85
W1-23	1624688.77	461050.07
W1-24	1624653.32	461087.65
W1-25	1624596.96	461127.34
W1-26	1624567.57	461170.61
W1-27	1624540.88	461124.01
W1-28	1624508.07	461088.71
W1-29	1624458.89	461036.35
W1-30	1624410.15	461029.19
W1-31	1624369.15	461008.39
W1-32	1624315.76	461001.87
W1-33	1624297.45	460998.25
W1-34	1624293.51	460941.93
W1-35	1624292.50	460868.87
W1-36	1624290.67	460777.92
W1-37	1624292.07	460685.51
W2-1	1624807.05	460665.37
W2-2	1624811.56	460614.95
W2-3	1624842.42	460576.97
W2-4	1624834.07	460468.39
W2-5	1624867.60	460412.76
W2-6	1624918.10	460388.13
W2-7	1624976.45	460387.33
W2-8	1624993.22	460425.40
W2-9	1624991.35	460474.26
W2-10	1624999.35	460494.32
W2-11	1625046.06	460519.02
W2-12	1625056.09	460560.63
W2-13	1625045.27	460595.29
W2-14	1625032.13	460615.79
W2-15	1624992.10	460632.99
W2-16	1625010.48	460673.71
W2-17	1625012.87	460734.80
W2-18	1624986.36	460761.09
W2-19	1624953.33	460787.15
W2-20	1624899.57	460807.09
W2-21	1624854.33	460798.92
W2-22	1624818.19	460763.68

Flag Number	Northing (Y COORD.)	Easting (X COORD.)
W2-23	1624795.40	460721.57
W3-1	1625133.10	460362.51
W3-2	1625136.85	460319.16
W3-3	1625170.23	460284.82
W3-4	1625221.89	460257.06
W3-5	1625266.20	460241.74
W3-6	1625315.81	460246.57
W3-7	1625355.63	460256.23
W3-8	1625398.20	460268.01
W3-9	1625412.94	460303.74
W3-10	1625417.51	460369.39
W3-11	1625403.15	460428.44
W3-12	1625361.56	460455.92
W3-13	1625291.80	460460.72
W3-14	1625222.67	460465.54
W3-15	1625181.91	460464.29
W3-16	1625143.15	460426.86
W4-1	1625475.61	459702.58
W4-2	1625460.20	459717.81
W4-3	1625333.81	459740.45
W4-4	1625283.72	459757.92
W4-5	1625242.17	459791.88
W4-6	1625196.01	459844.58
W4-7	1625166.93	459897.16
W4-8	1625061.18	459897.74
W4-9	1625012.26	459911.58
W4-10	1624940.24	459898.85
W4-11	1624882.77	459881.93
W4-12	1624832.63	459864.90
W4-13	1624789.00	459864.91
W4-14	1624780.21	459916.25
W4-15	1624764.55	459981.66
W4-16	1624769.30	460021.82
W4-17	1624758.13	460048.33
W4-18	1624722.88	460068.40
W4-19	1624674.02	460075.40
W4-20	1624616.42	460035.57
W4-21	1624545.44	459985.04
W4-22	1624483.39	459959.92
W4-23	1624431.54	459967.93
W4-24	1624360.98	460010.32
W4-25	1624324.86	460034.10
W8-1	1623704.32	460253.67
W8-2	1623735.89	460245.92
W8-3	1623748.56	460180.04
W8-4	1623769.15	460154.51
W8-5	1623820.73	460105.36
W8-6	1623849.07	460080.83
W8-7	1623862.84	460032.38
W8-8	1623881.15	459973.86
W8-9	1623908.52	459908.13
W8-10	1623966.21	459885.84
W8-11	1624050.69	459899.55
W8-12	1624118.54	459919.96
W8-13	1624166.83	459933.95
W8-14	1624201.79	459942.87
W8-15	1624221.24	459931.84
W8-16	1624239.73	459941.03
W8-17	1624238.42	459913.33

Flag Number	Northing (Y COORD.)	Easting (X COORD.)
W8-18	1624218.36	459918.96
W8-19	1624189.32	459921.43
W4-26	1624326.64	459895.62
W4-27	1624330.75	459815.12
W4-28	1624340.21	459760.89
W4-29	1624439.61	459775.22
W4-30	1624468.47	459822.79
W4-31	1624501.00	459848.45
W4-32	1624547.06	459866.42
W9-1	1624225.04	459650.89
W9-2	1624235.46	459632.75
W9-3	1624219.25	459604.11
W9-4	1624199.93	459592.07
W9-5	1624125.25	459621.25
W9-6	1624039.23	459613.35
W9-7	1624005.94	459604.21
W9-8	1624016.61	459546.50
W9-9	1624021.30	459471.70
W9-10	1623997.37	459424.03
W9-11	1623954.07	459369.69
W9-12	1623951.30	459315.74
W9-13	1623939.01	459249.06
W9-14	1623932.45	459197.66
W9-15	1623894.60	459145.87
W9-16	1623852.62	459096.95
W9-17	1623852.76	459040.24
W9-18	1623841.19	458997.69
W9-19	1623821.15	458956.62
W9-20	1623806.40	458805.13
W9-21	1623841.33	458728.83
W9-22	1623880.69	458695.83
W9-23	1623912.78	458667.74
W9-24	1623922.73	458645.19
W9-25	1623961.41	458628.08
W9-26	1623999.67	458614.91
W9-27	1623969.66	458542.09
W9-28	1623920.57	458437.29
W9-29	1623863.06	458361.36
W9-30	1623781.50	458349.98
W9-31	1623702.79	458356.08
W9-32	1623642.41	458358.02
W9-33	1623604.36	458373.00
W9-34	1623584.78	458395.11
W9-35	1623500.97	458410.12
W9-36	1623446.29	458399.76
W9-37	1623372.25	458428.44
W9-38	1623292.32	458444.87
W9-39	1623210.13	458445.30
W9-40	1623133.50	458427.92
W9-41	1623059.47	458396.98
W9-42	1623009.13	458364.20
W9-43	1622966.73	458357.98
W9-44	1622942.95	458325.09
W9-45	1622894.21	458311.11
W9-46	1622814.98	458272.20
W9-47	1622835.74	458197.89
W9-48	1622810.87	458152.19
W9-49	1622766.02	458121.04
W9-50	1622703.04	458111.16

Flag Number	Northing (Y COORD.)	Easting (X COORD.)
W9-51	1622637.02	458113.02
W5-3	1624579.54	458410.65
W5-4	1624504.83	458434.67
W5-5	1624447.44	458423.41
W5-6	1624394.91	458442.24
W5-7	1624321.57	458455.69
W5-8	1624306.88	458494.84
W5-9	1624298.65	458545.24
W5-10	1624253.64	458552.81
W5-11	1624198.14	458557.49
W5-1	1624651.35	458469.81
W5-2	1624622.41	458433.20
W5-12	1624143.81	458598.21
W5-13	1624105.63	458601.76
W5-14	1624063.78	458596.95
W5-15	1624044.95	458547.47
W5-16	1624024.34	458501.89
W5-17	1623993.74	458443.61
W5-18	1623965.76	458392.36
W5-19	1623961.68	458360.33
W5-20	1623994.99	458337.47
W5-21	1623996.99	458261.48
W5-22	1623988.03	458219.24
W5-23	1623979.53	458187.81
W5-24	1623960.45	458146.27
W5-25	1623917.05	458088.12
W5-26	1623892.11	458061.62
W5-27	1623828.67	457990.82
W5-28	1623803.45	457966.48
W5-29	1623765.85	457967.00
W5-30	1623734.80	457980.22
W5-31	1623688.56	457923.50
W5-32	1623650.97	457857.58
W5-33	1623646.35	457803.68
W5-34	1623602.09	457745.82
W5-35	1623562.74	4

TEMPORARY TRAFFIC CONTROL PLAN GENERAL NOTES

1. THE FOLLOWING REGULATORY SPEED LIMITS ARE TO BE USED THROUGHOUT THE DURATION OF CONSTRUCTION UNLESS OTHERWISE NOTED IN THE PLANS.

STREET	SPEED LIMIT (MPH)
SR 46	45
SR 500	50
LOCAL ROADS	25

2. NO LANE CLOSURES PERMITTED AT THE FOLLOWING TIMES:

SR 46:
6:30 AM TO 10:00 PM WITHIN 600 FEET OF A SIGNALIZED INTERSECTION
NO RESTRICTION OUTSIDE THE LIMITS OF AN INTERSECTION

SR 500:
6:00 AM TO 8:30 PM WITHIN 600 FEET OF A SIGNALIZED INTERSECTION
NO RESTRICTION OUTSIDE THE LIMITS OF AN INTERSECTION

ALL OTHER TIMES ARE CONSIDERED OFF PEAK HOURS. LANE CLOSURE RESTRICTIONS ARE LIMITED TO 1/2 MILE IN LENGTH WHEN WITHIN 600 FEET OF THE INTERSECTION AND ARE ONLY ALLOWED DURING ACTIVE WORK PERIODS. LANE CLOSURES ON SIDE STREETS SHALL CORRESPOND TO THE TIMES IDENTIFIED FOR THE STATE ROAD THEY CONNECT TO.

3. A PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT ONE WEEK PRIOR TO IMPLEMENTING ANY LANE CLOSURES. THE PCMS SHALL BE PLACED IN A LOCATION APPROVED BY THE ENGINEER. THE DISPLAYS ARE AS FOLLOWS:

DISPLAY 1 - EXPECT LANE CLOSURES
DISPLAY 2 - MM/DD TO MM/DD

4. THE CONTRACTOR SHALL UTILIZE PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) DURING ALL LANE CLOSURES. THE PCMS SHALL BE PLACED APPROXIMATELY 1/2 MILE IN ADVANCE OF THE FIRST WORK ZONE SIGN IN EACH DIRECTION ON SR 46 AND SR 500 IN A LOCATION APPROVED BY THE ENGINEER.

THE DISPLAYS ARE AS FOLLOWS:

SR 46:
DISPLAY 1 - ONE LANE ROAD
DISPLAY 2 - PREPARE TO STOP

SR 500:
DISPLAY 1 - LANE CLOSED AHEAD
DISPLAY 2 - MERGE LEFT OR MERGE RIGHT

5. THE CONTRACTOR MAY COMBINE WORK FROM INDIVIDUAL PHASES WITH THE ENGINEER'S APPROVAL.

6. CONSTRUCTION ON NATOMA BOULEVARD AND SEBASTIAN STREET TO BE PHASED TO AVOID LANE CLOSURES AT BOTH ACCESS POINTS TO THE SUMMERBROOKE COMMUNITY SIMULTANEOUSLY.

7. MAINTAIN ACCESS FOR SIDE STREETS ON THE SOUTH SIDE OF SR 46 (EX. VISTA VIEW AND POND ROAD) DUE TO NO ALTERNATIVE ROUTES.

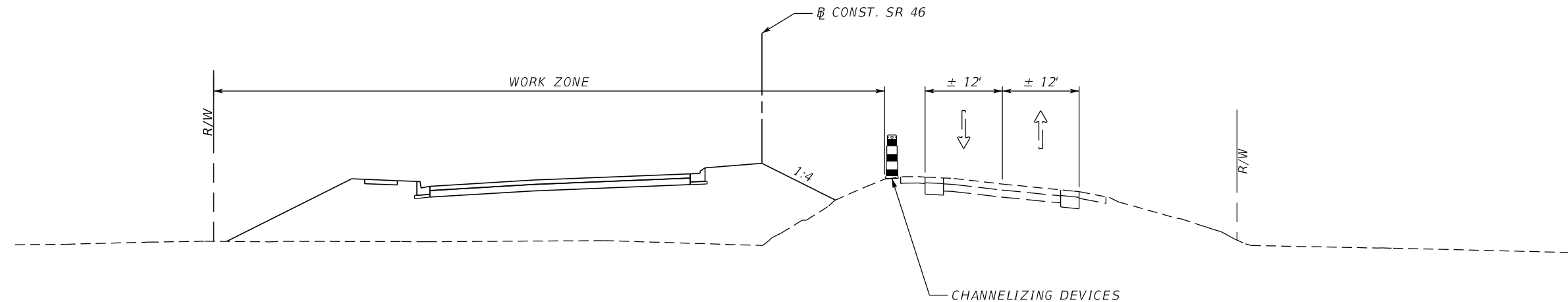
8. PROJECT INFORMATION SIGN TO BE PLACED ON NORTH AND SOUTH OF SR 500 AND EAST AND WEST SIDE OF SR 46 PROJECT LIMITS. EAST SIDE TO BE COVERED BY FPID# 238275-3-52-01.

9. TEMPORARY SIGNALS SHALL BE PLACED PRIOR TO ALL PHASES OF TEMPORARY TRAFFIC AND REMOVED ONCE PERMANENT SIGNALS HAVE BEEN INSTALLED.



Anticipated Construction Phasing/Sequencing					
SR 500 Construction	SR 46 Construction	Exist. Bridge Demo	New Flyover Bridge Construction	MSE Walls/EB #1	MSE Walls/EB #4
Phase 1A	Phase 1A	Phase 1A			
Phase 1	Phase 1	Phase 1	Phase 1	Phase 1	Phase 1
Phase 2A					
Phase 2	Phase 2		Phase 2	Phase 2	Phase 2
Phase 3	Phase 3		Phase 3		

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL GENERAL NOTES	SHEET NO. 480
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		



PHASE 1 - SR 46

SR 46 PHASE 1

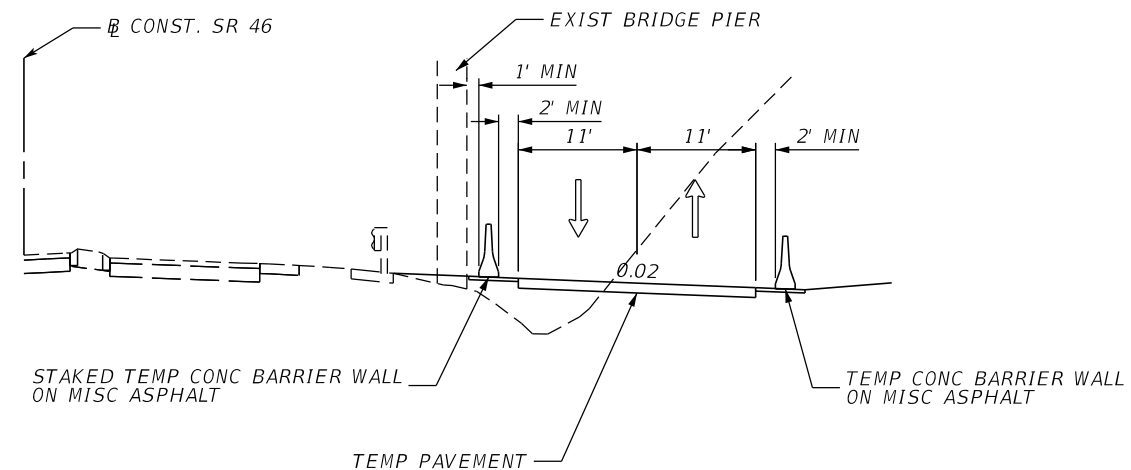
THE INTENT OF THIS PHASE IS TO BUILD THE NEW WESTBOUND ROADWAY WHILE MAINTAINING TRAFFIC ON THE EXISTING 2-LANE ROADWAY. ALL ACTIVITIES TO BE COORDINATED WITH SR 500 TTCP.

1. SET UP ADVANCED SIGNING AND PLACE TRAFFIC CONTROL DEVICES PER THE TTC PLAN SHEETS.
2. CONSTRUCT PORTIONS OF THE WESTBOUND LANES UP TO AND INCLUDING THE FINAL LIFT OF STRUCTURE COURSE. CONSTRUCT ALL OTHER PROPOSED FEATURES WITHIN THE WORK ZONE. CONSTRUCT OTHER PROPOSED FEATURES AS INDICATED IN THE TTC PLANS. LEAVE PORTIONS OF THE MEDIAN OPEN TO ALLOW ACCESS TO PROPERTIES ALONG THE NORTH SIDE OF THE ROADWAY.
3. PERFORM THE DEMOLITION OF THE EXISTING SR 500 BRIDGE STRUCTURES. DEMOLITION SHALL BE SEQUENCED TO ALLOW 2 LANES OF TRAFFIC ON SR 46 AT ALL TIMES. THIS DEMOLITION SHALL BE COORDINATED WITH THE SR 500 TTCP. REFER TO PHASE 1A FOR THE DEMOLITION OF THE CENTER SPANS.
4. BEGIN MAJOR EARTHWORK OPERATIONS WITHIN THE WORK ZONE AND BEGIN CONSTRUCTION OF THE RAMP XX BRIDGE FOUNDATIONS AND WALLS.
5. CONSTRUCT TEMPORARY ACCESS TO VERANDA APARTMENTS TO DETOUR VERANDA APARTMENT TRAFFIC.
6. CONSTRUCT ALL DRIVEWAYS AND SIDE STREETS ON THE NORTH SIDE OF THE ROADWAY.
7. CONSTRUCT TEMPORARY PIERS PER THE BRIDGE PLANS AND UTILIZE THE SR 46 DETOUR PLAN TO SET THE BRIDGE GIRDERS.
8. POUR THE BRIDGE DECK IN ACCORDANCE WITH THE STRUCTURES PLANS. ONCE CURED, THE TEMPORARY PIERS MAY BE REMOVED.
9. DESIGN SUBSOIL REMOVAL AND BEGIN GRADING UNDER MSE WALLS #2 AND #3 ALONG SR 46 AT THE POND ROAD BRIDGE.
10. BEGIN CONSTRUCTION OF TEMPORARY PAVEMENT ALONG POND ROAD PER POND ROAD DETAILS AS FILL IS PLACED.
11. DRIVE END BENT PILES FOR POND ROAD BRIDGE ONCE 5'-15' OF FILL IS PLACED IN THE AREA.
12. BEGIN CONSTRUCTION OF THE LEVELING PADS AND LOWER SECTIONS OF MSE WALLS #2C AND #3C.

SR 46 PHASE 1A

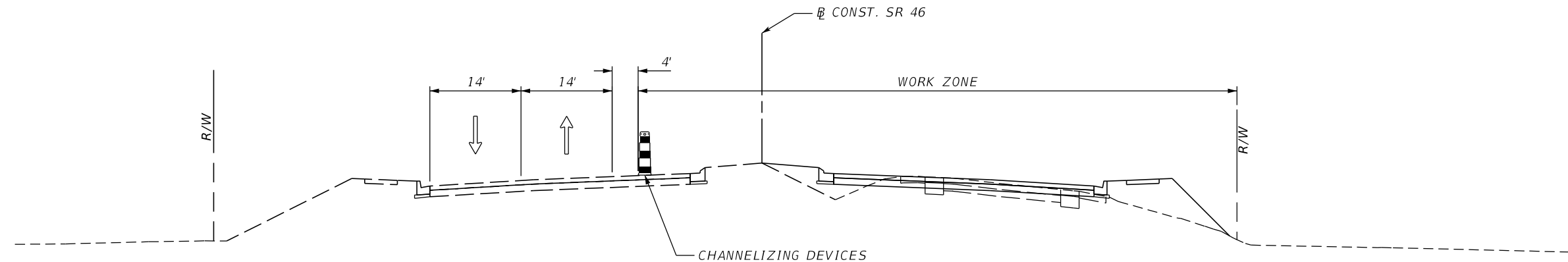
THE INTENT OF THIS PHASE IS TO PERFORM THE DEMOLITION OF THE CENTER SPANS OF THE SR 500 BRIDGES. THIS WORK SHALL BE PERFORMED AT OFF PEAK HOURS.

1. CONSTRUCT THE TEMPORARY PAVEMENT, SIGNING, AND PAVEMENT MARKINGS PER THE TTC PLAN SHEETS.
2. DURING OFF PEAK HOURS, DIVERT TRAFFIC TO THE TEMPORARY DIVERSION. CONVERT THE TEMPORARY TRAFFIC SIGNAL TO A FLASHING INTERSECTION AND UTILIZE A TRAFFIC CONTROL OFFICER TO ASSIST WITH TRAFFIC IN THE INTERSECTION DURING THIS PROCESS.
3. WHEN THE DIVERSION IS NOT IN USE, PLACE CHANNELIZING DEVICES AT 15' SPACING ALONG THE MAINLINE TO PREVENT TRAFFIC FROM USING THE DIVERSION.
4. CONSTRUCT AS MUCH OF WB 441-1-2 TO ELEVATION 136.0 AS FEASIBLE TO ACCOMODATE PHASE 1A AND 1.

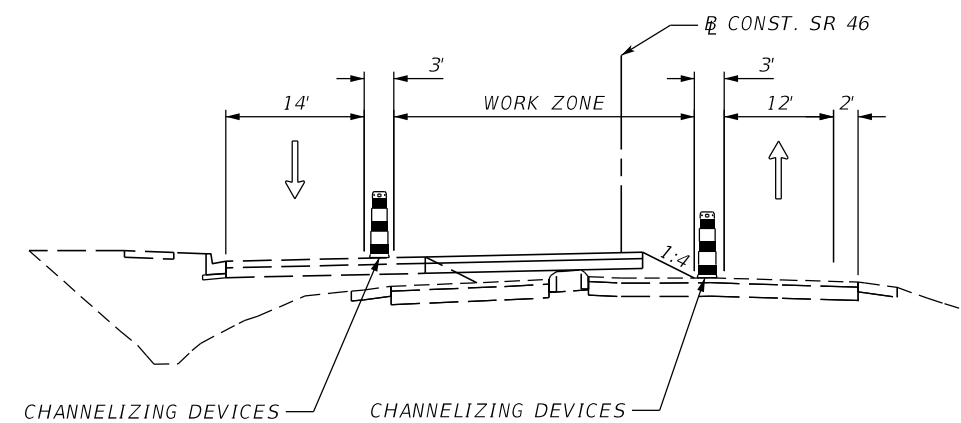


PHASE 1A - SR 46
ALONG TEMPORARY DIVERSION

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL TYPICAL SECTIONS - SR 46	SHEET NO. 481
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		



PHASE 2 - SR 46



PHASE 2A - SR 46
WITHIN INTERSECTION

SR 46 PHASE 2A

THE INTENT OF THIS PHASE IS TO ALLOW SUFFICIENT ASPHALT TO BE CONSTRUCTED WITHIN THE INTERSECTION TO ALLOW TRAFFIC TO FULLY BE SHIFTED TO THE PHASE 2 CONFIGURATION. THIS PHASE WILL BE COORDINATED WITH THE SR 500 TTC PLAN SHEETS. THIS PHASE SHALL NOT START UNTIL THE TEMPORARY TOWERS FOR THE RAMP XX BRIDGE HAVE BEEN REMOVED.

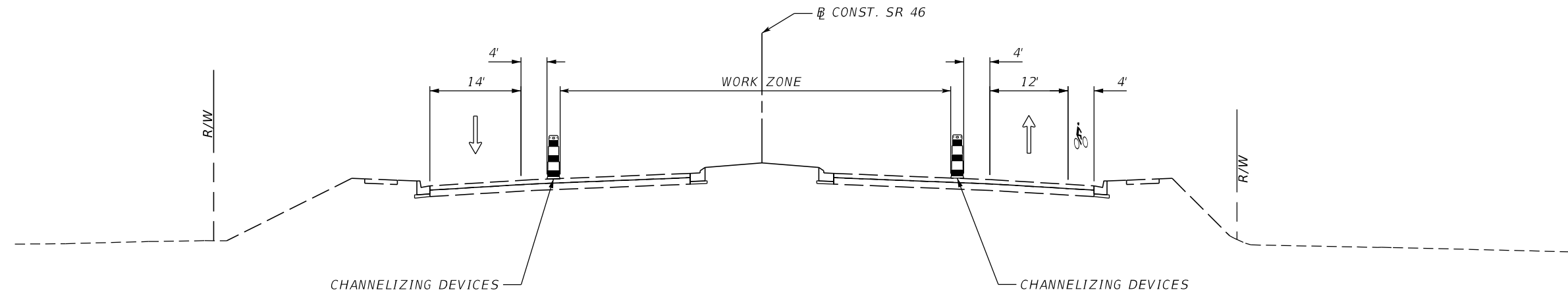
1. SET UP ADVANCED SIGNING AND TRAFFIC CONTROL DEVICES PER THE TTC PLAN SHEETS.
2. DURING OFF PEAK HOURS, SHIFT TRAFFIC TO THE NEW LANE CONFIGURATION AND ADJUST THE TEMPORARY SIGNALS TO ALIGN WITH THE TRAVEL LANES.
3. CONSTRUCT PORTIONS OF THE ROADWAY UP TO AND INCLUDING THE FINAL LIFT OF STRUCTURAL ASPHALT WITHIN THE WORK ZONE TO ALLOW EASTBOUND TRAFFIC TO BE SHIFTED TO THE PHASE 2 CONFIGURATION.

SR 46 PHASE 2

THE INTENT OF THIS PHASE IS TO CONTINUE TO CONSTRUCT RAMP XX AND BEGIN CONSTRUCTION ON THE NEW EASTBOUND TRAVEL LANES WHILE MAINTAINING TRAFFIC ON THE NEWLY CONSTRUCTED WESTBOUND TRAVEL LANES.

1. SET UP ADVANCED SIGNING AND PLACE TRAFFIC CONTROL DEVICES PER THE TTC PLAN SHEETS.
2. DURING OFF PEAK HOURS, SHIFT TRAFFIC TO THE NEW LANE CONFIGURATION AND ADJUST THE TEMPORARY SIGNALS TO ALIGN WITH THE TRAVEL LANES.
3. CONSTRUCT PORTIONS OF THE EASTBOUND LANES UP TO AND INCLUDING THE FINAL LIFT OF STRUCTURAL ASPHALT AND CONSTRUCT ALL OTHER PROPOSED FEATURES WITHIN THE WORK ZONE. CONSTRUCT OTHER PROPOSED FEATURES AS INDICATED IN THE TTC PLANS. LEAVE PORTIONS OF THE MEDIAN OPEN TO ALLOW ACCESS TO PROPERTIES ON THE SOUTH SIDE OF THE ROADWAY.
4. CONSTRUCT ALL SIDE STREETS AND DRIVEWAYS ALONG THE SOUTH SIDE OF THE ROAD.
5. CONTINUE CONSTRUCTION OF THE RAMP XX BRIDGE AND WALLS AND ALL DRAINAGE FEATURES. REFER TO SR 500 PHASING NOTES.
6. ONCE TRAFFIC HAS BEEN SHIFTED ON SR 46 AND POND ROADS, BEGIN CONSTRUCTION OF THE LEVELING PADS UNDER MSE WALLS #2A AND #2B AFTER PLACING APPROXIMATELY 5 FEET OF EMBANKMENT. BEGIN CONSTRUCTION OF THE MSE LEVELING PADS UNDER MSE WALLS #3A AND #3B AFTER PLACING APPROXIMATELY 10 FEET OF EMBANKMENT.
7. COMPLETE CONSTRUCTION OF MSE WALLS #2 AND #3.
8. COMPLETE CONSTRUCTION OF POND ROAD BRIDGE AND PERMANENT POND ROAD ROADWAY.

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL TYPICAL SECTIONS - SR 46	SHEET NO. 482
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		



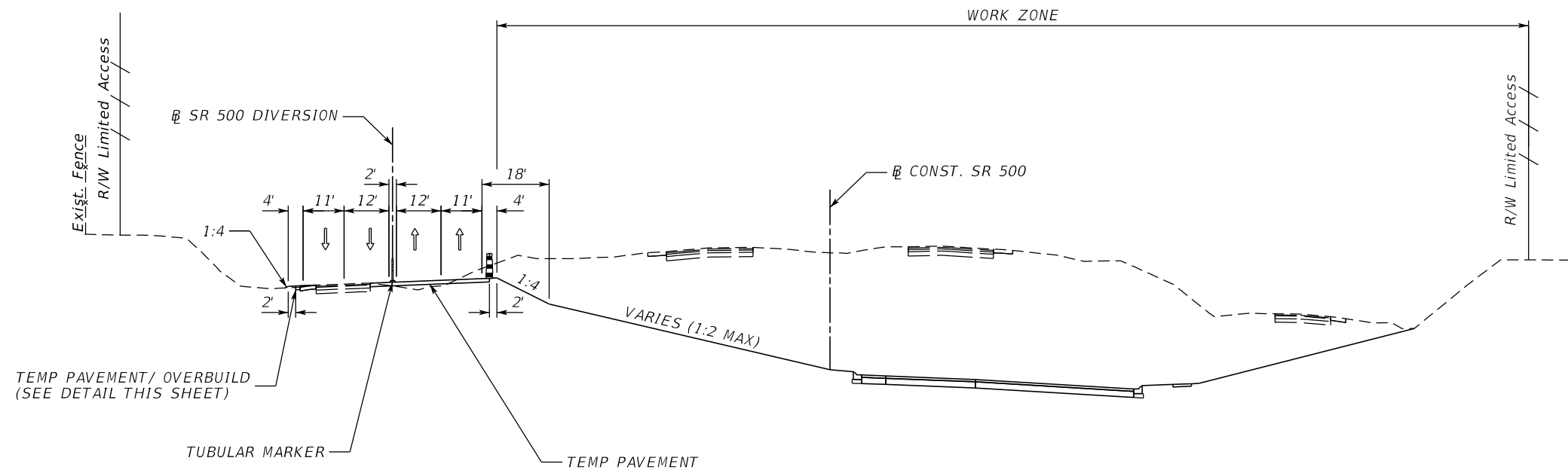
PHASE 3 - SR 46

SR 46 PHASE 3

THE INTENT OF THIS PHASE IS TO COMPLETE THE PORTIONS OF THE MEDIAN NOT FINISHED IN PREVIOUS PHASES AND PLACE THE FINAL ASPHALT AND STRIPING.

1. CONSTRUCT ALL REMAINING MEDIAN FEATURES INCLUDING CURB AND GUTTER AND SOD.
2. INSTALL ALL LANDSCAPING ALONG THE CORRIDOR.
3. COMPLETE ALL UNFINISHED CONSTRUCTION ACTIVITIES.
4. AFTER ALL OTHER WORK IS COMPLETE, PLACE THE FRICTION COURSE THROUGHOUT THE PROJECT (INCLUDING SIDE STREETS) AND PLACE FINAL STRIPING.

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL TYPICAL SECTIONS - SR 46	SHEET NO. 483
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		



PHASE 1 - SR 500

SR 500 PHASE 1A

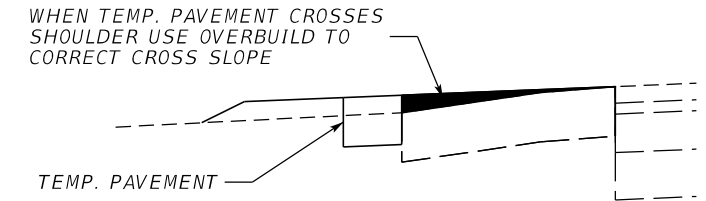
THE INTENT OF THIS PHASE IS TO WIDEN THE SOUTHBOUND RAMPS AND CONSTRUCT THE TEMPORARY CROSSOVERS TO ACCOMMODATE THE PHASE 1 TTC PLAN. ALL CONSTRUCTION ACTIVITIES ARE TO BE COORDINATED WITH THE SR 46 TTC PLAN. PORTIONS OF THE DIVERSION REQUIRE GRADING SLOPES THAT IMPACT THE CURRENT SOUTHBOUND LANES. IT IS ANTICIPATED THE DIVERSION CONSTRUCTION AND TRAFFIC SHIFTS WILL NEED TO BE PERFORMED IN TWO SEPARATE OPERATIONS AS DETAILED BELOW.

1. SET UP ADVANCED SIGNING AND PLACE TRAFFIC CONTROL DEVICES PER THE TTC PLAN SHEETS.
2. CONSTRUCT THE TEMPORARY SIGNALS AT THE INTERSECTION WITH SR 46.
3. UTILIZING LANE CLOSURES, WIDEN THE RAMPS AND CONSTRUCT PORTIONS OF THE TEMPORARY CROSSOVERS TO ACCOMMODATE TWO SOUTHBOUND LANES. SHIFT SOUTHBOUND LANES TO THE NEWLY CONSTRUCTED DIVERSION.
4. ONCE THE SOUTHBOUND TRAFFIC IS REMOVED FROM THE EXISTING OVERPASS, UTILIZE LANE CLOSURES TO CONSTRUCT ANY REMAINING TEMPORARY PAVEMENT AND PORTIONS OF THE CROSSOVERS PER THE PLANS. SHIFT NORTHBOUND TRAFFIC TO THE NEWLY CONSTRUCTED DIVERSION.

SR 500 PHASE 1

THE INTENT OF THIS PHASE IS TO SHIFT SR 500 TRAFFIC TO THE TEMPORARY DIVERSION TO ALLOW DEMOLITION OF THE EXISTING BRIDGES AND BEGIN CONSTRUCTION OF THE NEW INTERSECTION AND RAMP XX. WORK WILL ALSO BEGIN IN THE NORTHBOUND DIRECTION FOR THE MILLING AND RESURFACING FOR THE PROJECT.

1. SET UP ADVANCED SIGNING AND PLACE TRAFFIC CONTROL DEVICES PER THE TTC PLAN SHEETS.
2. DURING OFF PEAK HOURS, SHIFT TRAFFIC TO THE NEW LANE CONFIGURATION AND ACTIVATE THE TEMPORARY SIGNALS.
3. BEGIN DEMOLITION OF THE EXISTING SR 500 BRIDGES. THIS DEMOLITION SHALL BE COORDINATED WITH THE SR 46 TTC PLAN.
4. BEGIN MAJOR EARTHWORK OPERATIONS WITHIN THE WORK ZONE AND BEGIN CONSTRUCTION OF THE NEW ROADWAY AND RAMP XX.
5. PERFORM MILLING, RESURFACING, CROSS-SLOPE CORRECTION, AND WIDENING OF THE NORTHBOUND LANES SOUTH OF SR 46 UTILIZING NIGHTTIME LANE CLOSURES.
6. CONSTRUCT ALL NEW PAVEMENT UP TO AND INCLUDING THE FINAL LIFT OF STRUCTURAL ASPHALT.
7. PERFORM CONSTRUCTION ACTIVITIES ON NATOMA BOULEVARD.



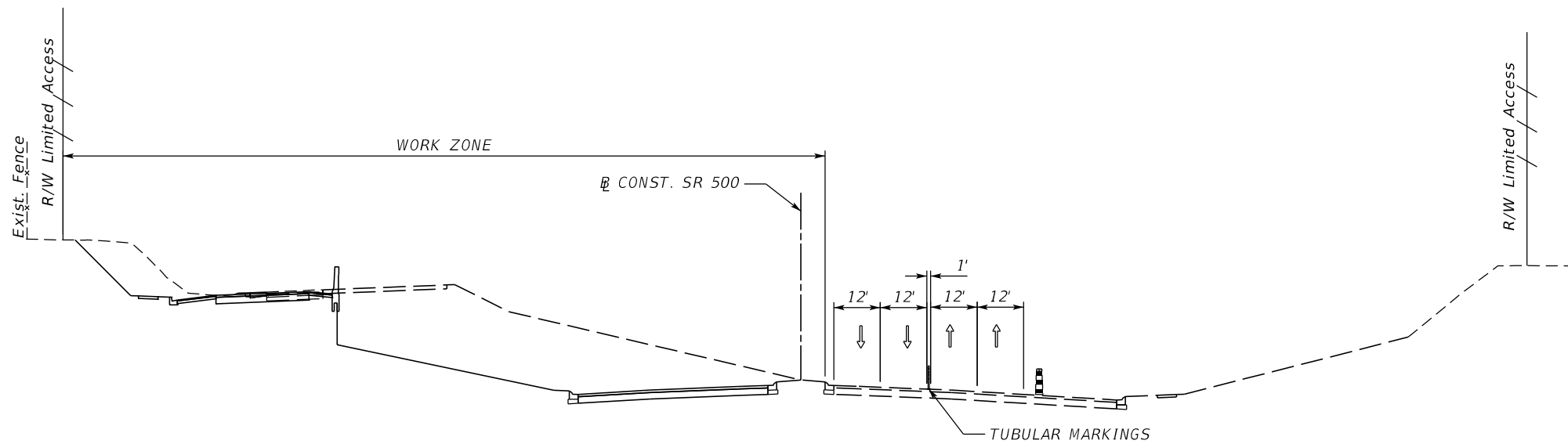
TEMP. PAVEMENT/ OVERBUILD
CONST. SR 500 DIVERSION
 STA. 1433+77.78 TO STA. 1449+00.91
 STA. 1449+49.48 TO STA. 1466+58.87

RAMP XX FLYOVER CONSTRUCTION

1. BEGIN DEMOLITION OF EXISTING SR 500 BRIDGES ONCE TRAFFIC HAS BEEN DIVERTED.
2. PERFORM EXCAVATION IN THE FOOTPRINT OF THE RAMP XX FLYOVER BRIDGE. EXCAVATE ABOUT 15 FEET DEEP TO BEGIN CONSTRUCTION OF AS MUCH OF THE LEVELING PAD AND MSE WALL #1 AS CAN BE ACCOMMODATED IN THIS PHASE. EXCAVATE ABOUT 5 FEET DEEP TO BEGIN CONSTRUCTION OF AS MUCH OF THE LEVELING PAD(S) AND MSE WALLS #2A, #2C, AND #2D AS CAN BE ACCOMMODATED IN THIS PHASE. SEQUENCE CONSTRUCTION OF WALLS #2A AND #2C WITH POND ROAD BRIDGE CONSTRUCTION.
3. BUILD THE END BENTS AND PIERS (INCLUDING FOUNDATIONS) FOR THE NEW RAMP XX FLYOVER BRIDGE.
4. BEGIN CONSTRUCTION OF THE NORTHBOUND LANES OF SR 500. CONSTRUCTION OF THE NORTHBOUND LANES IN THE AREA OF STATIONS 440+00 - 442+50 CANNOT BE COMPLETED UNTIL THE BRIDGE GIRDERS ARE ERECTED DUE TO THE TEMPORARY SUPPORTS REQUIRED TO ERECT THEM. REFER TO BRIDGE PLANS FOR LOCATIONS OF THESE TEMPORARY SUPPORTS.
5. POURING OF THE BRIDGE DECK AND CONSTRUCTION OF THE BRIDGE BARRIER WALLS WILL TAKE PLACE AFTER REMOVAL OF THE TEMPORARY SUPPORTS. THESE ITEMS OF WORK MUST BE COMPLETED PRIOR TO OPENING THE NEW NORTHBOUND LANES OF SR 500 TO TRAFFIC.
6. COMPLETE CONSTRUCTION OF THE REMAINDER OF THE NORTHBOUND LANES OF SR 46.

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL TYPICAL SECTIONS-SR 500	SHEET NO. 484
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PHASE 2 - SR 500

SR 500 PHASE 2A

THE INTENT OF THIS PHASE IS TO ALLOW SUFFICIENT ASPHALT TO BE CONSTRUCTED TO FULLY BE SHIFTED TO THE PHASE 2 CONFIGURATION. THIS PHASE WILL BE COORDINATED WITH PHASE 1 TCP FOR SR 500.

1. SET UP ADVANCED SIGNING AND TRAFFIC CONTROL DEVICES PER THE TTC PLAN SHEETS.
2. DURING OFF PEAK HOURS, SHIFT TRAFFIC TO THE NEW LANE CONFIGURATION.
3. CONSTRUCT PORTIONS OF THE ROADWAY UP TO AND INCLUDING THE FINAL LIFT OF STRUCTURAL ASPHALT WITHIN THE WORK ZONE TO ALLOW EASTBOUND TRAFFIC TO BE SHIFTED TO THE PHASE 2 CONFIGURATION.

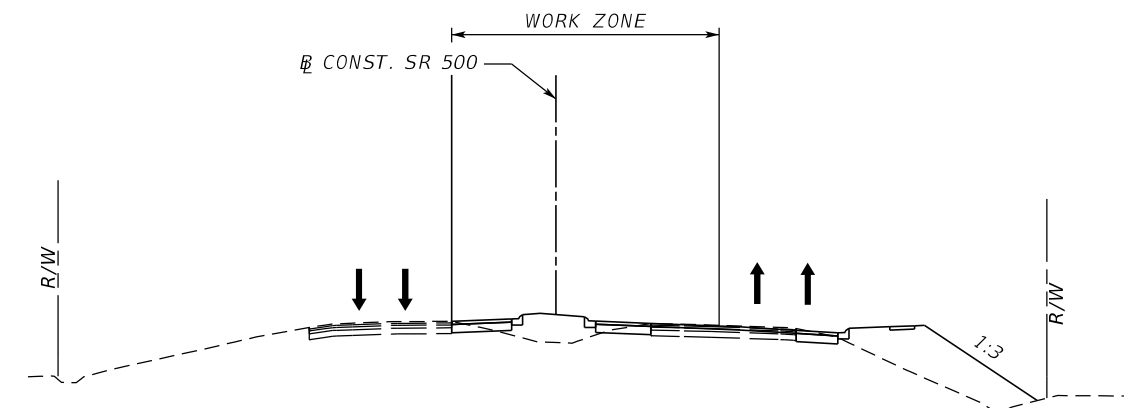
SR 500 PHASE 2

THE INTENT OF THIS PHASE IS TO SHIFT SR 500 TRAFFIC TO THE NEWLY CONSTRUCTED NORTHBOUND LANES. CONSTRUCTION WILL CONTINUE ON PORTIONS OF THE SOUTHBOUND LANES, IN THE NEW INTERSECTION, AND RAMP XX. WORK WILL ALSO BEGIN IN THE SOUTHBOUND DIRECTION FOR THE MILLING AND RESURFACING FOR THE SOUTHERN PORTION OF THE PROJECT.

1. SET UP ADVANCED SIGNING AND PLACE TRAFFIC CONTROL DEVICES PER THE TTC PLAN SHEETS.
2. CONSTRUCT TEMPORARY SIGNALS TO ALIGN WITH THE NEW INTERSECTION AND SR 46.
3. AFTER COMPLETION OF SR 46 PHASE 2A TTC AND DURING OFF PEAK HOURS, SHIFT TRAFFIC TO THE NEW LANE CONFIGURATION.
4. CONSTRUCT PROPOSED FEATURES WITHIN THE WORK ZONE AND AS INDICATED IN THE TTC PLAN SHEETS. PERFORM MILLING AND RESURFACING OF THE SOUTHBOUND LANES. CONSTRUCT THE ROADWAY UP TO AND INCLUDING THE FINAL LIFT OF STRUCTURAL ASPHALT.

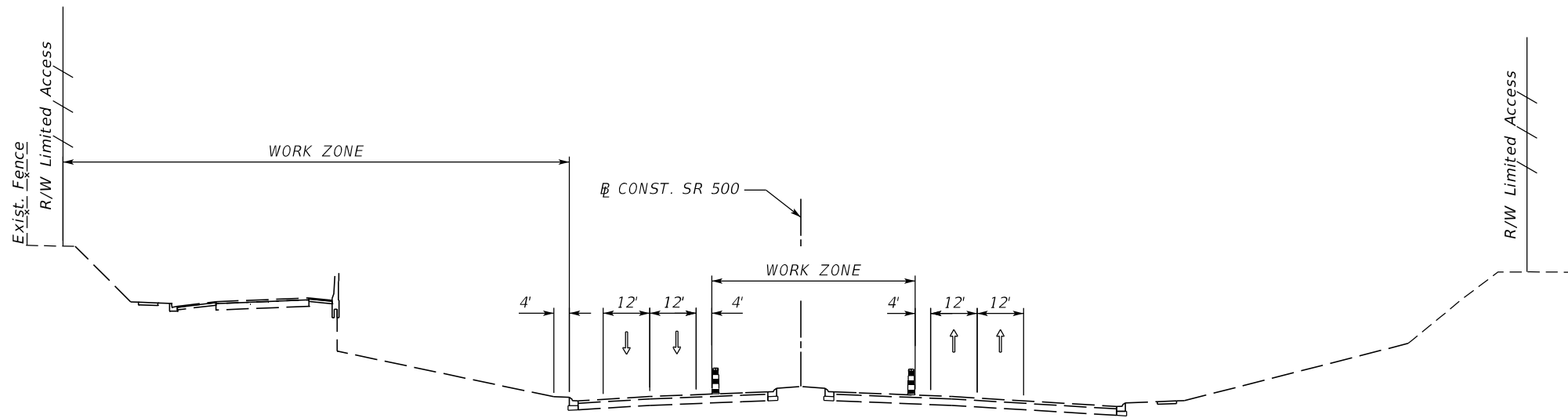
RAMP XX FLYOVER BRIDGE

1. ONCE TRAFFIC HAS BEEN SHIFTED TO THE NEW NORTHBOUND LANES OF SR 46, COMPLETE THE REMAINDER OF THE CONSTRUCTION OF THE BRIDGE.
2. COMPLETE CONSTRUCTION OF MSE WAL #1.



PHASE 2A - SR 500

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL TYPICAL SECTIONS-SR 500	SHEET NO. 485
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		



PHASE 3 - SR 500

SR 500 PHASE 3

THE INTENT OF THIS PHASE IS TO COMPLETE THE PORTIONS OF THE MEDIAN NOT FINISHED IN PREVIOUS PHASES, CONSTRUCT THE ISLAND IN THE NE QUADRANT OF THE INTERSECTION, AND PLACE THE FINAL ASPHALT AND STRIPING.

1. CONSTRUCT ALL REMAINING MEDIAN FEATURES INCLUDING CURB AND GUTTER AND SOD.
2. INSTALL ALL LANDSCAPING ALONG THE CORRIDOR.
3. COMPLETE ALL UNFINISHED CONSTRUCTION ACTIVITIES.
4. AFTER ALL OTHER WORK IS COMPLETE, PLACE THE FRICTION COURSE THROUGHOUT THE PROJECT (INCLUDING SIDE STREETS) AND PLACE FINAL STRIPING.

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL TYPICAL SECTIONS-SR 500	SHEET NO. 486
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

CURVE DATA T1
 PI STA. = 1432+43.95
 Δ = 11° 49' 29" (LT)
 D = 4° 07' 19"
 T = 143.95
 L = 286.87
 R = 1,390.00
 PC STA. = 1431+00.00
 PT STA. = 1433+86.87
 e = NC

CURVE DATA T2
 PI STA. = 1435+33.97
 Δ = 11° 52' 28" (RT)
 D = 4° 03' 07"
 T = 147.05
 L = 293.05
 R = 1,414.00
 PC STA. = 1433+86.92
 PT STA. = 1436+79.97
 e = NC

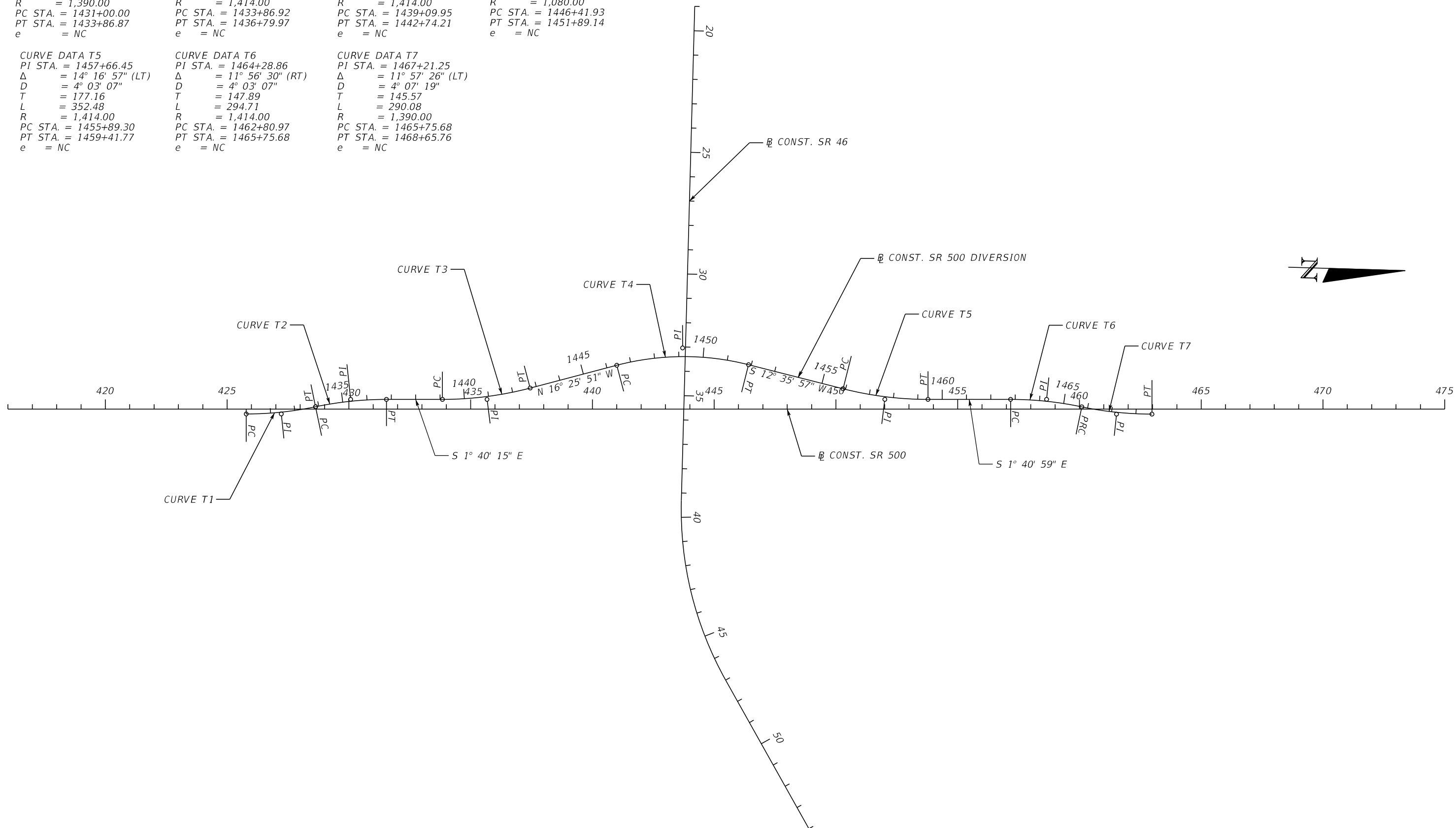
CURVE DATA T3
 PI STA. = 1440+93.09
 Δ = 14° 45' 36" (LT)
 D = 4° 03' 07"
 T = 183.14
 L = 364.26
 R = 1,414.00
 PC STA. = 1439+09.95
 PT STA. = 1442+74.21
 e = NC

CURVE DATA T4
 PI STA. = 1449+21.54
 Δ = 29° 01' 48" (RT)
 D = 5° 18' 19"
 T = 279.61
 L = 547.20
 R = 1,080.00
 PC STA. = 1446+41.93
 PT STA. = 1451+89.14
 e = NC

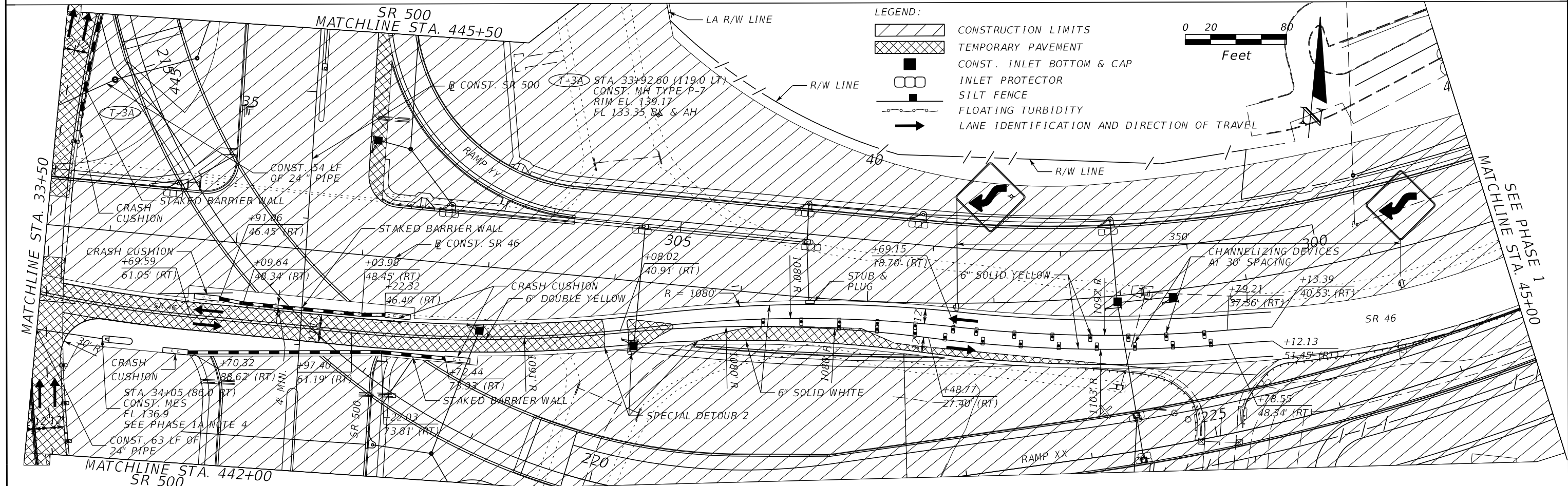
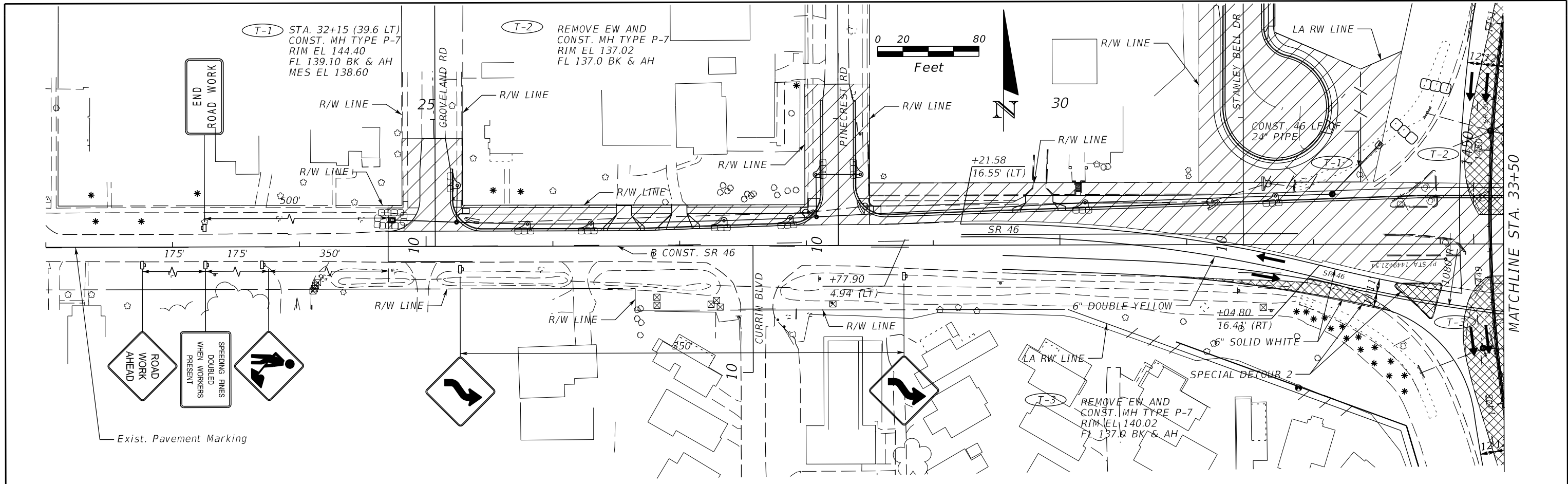
CURVE DATA T5
 PI STA. = 1457+66.45
 Δ = 14° 16' 57" (LT)
 D = 4° 03' 07"
 T = 177.16
 L = 352.48
 R = 1,414.00
 PC STA. = 1455+89.30
 PT STA. = 1459+41.77
 e = NC

CURVE DATA T6
 PI STA. = 1464+28.86
 Δ = 11° 56' 30" (RT)
 D = 4° 03' 07"
 T = 147.89
 L = 294.71
 R = 1,414.00
 PC STA. = 1462+80.97
 PT STA. = 1465+75.68
 e = NC

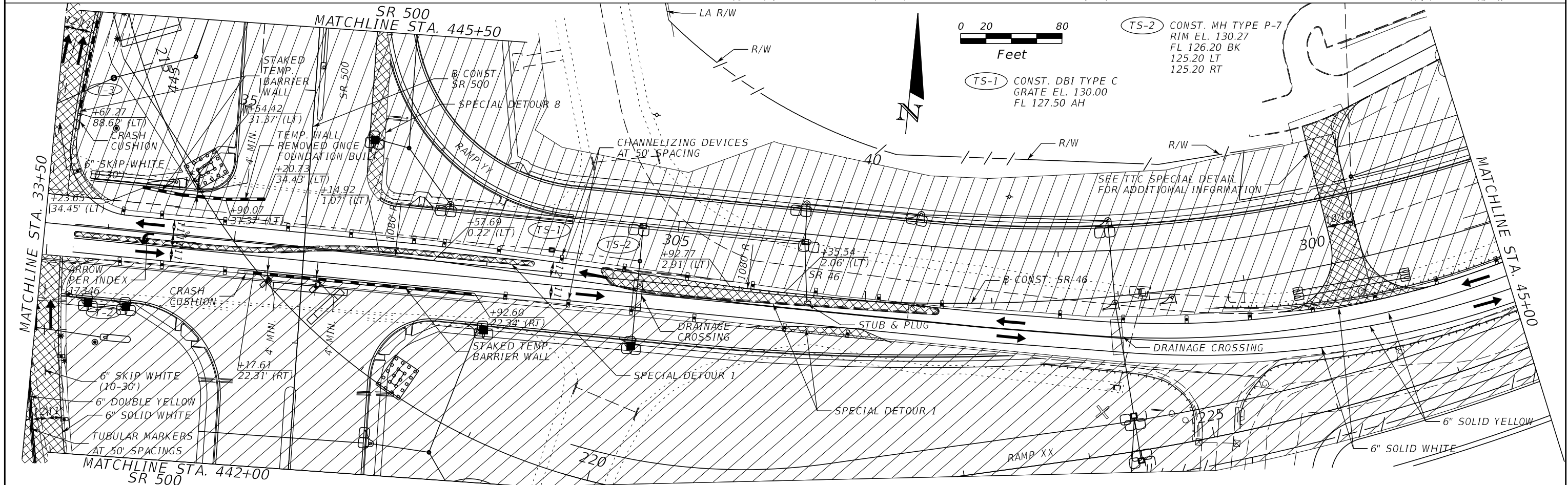
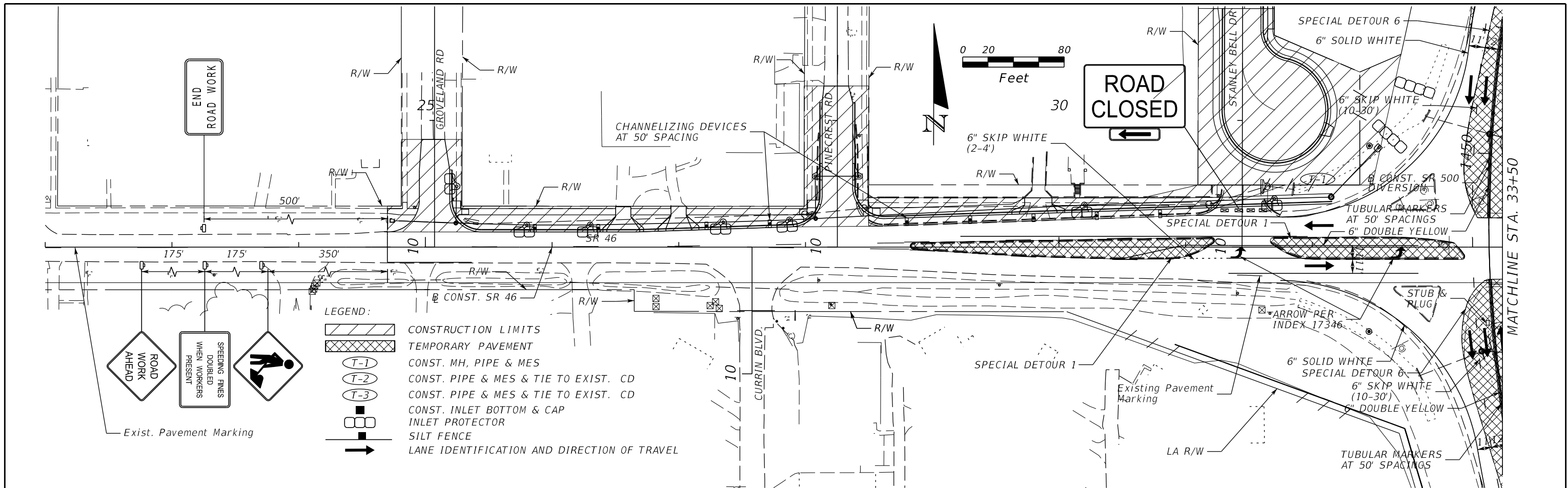
CURVE DATA T7
 PI STA. = 1467+21.25
 Δ = 11° 57' 26" (LT)
 D = 4° 07' 19"
 T = 145.57
 L = 290.08
 R = 1,390.00
 PC STA. = 1465+75.68
 PT STA. = 1468+65.76
 e = NC



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LAYOUT SHEET SR 500 DIVERSION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		487



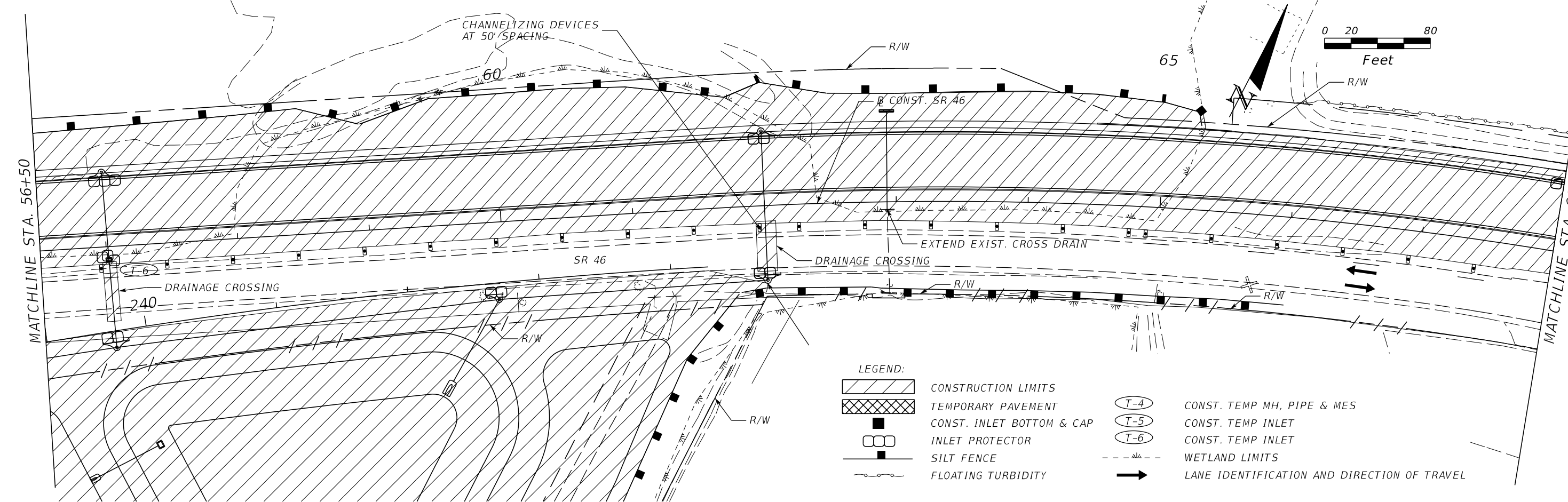
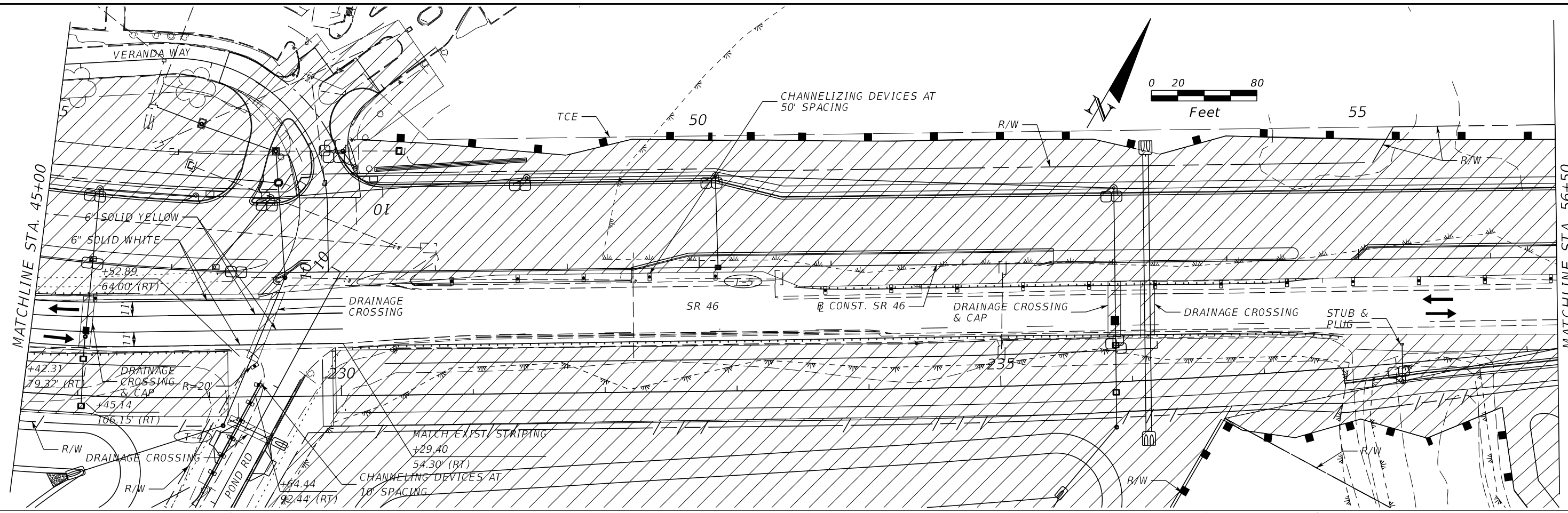
REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 1A PLANS - SR 46	SHEET NO. 488
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		



REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 489
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	

**TEMP. TRAFFIC CONTROL
PHASE 1 PLANS - SR 46**

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

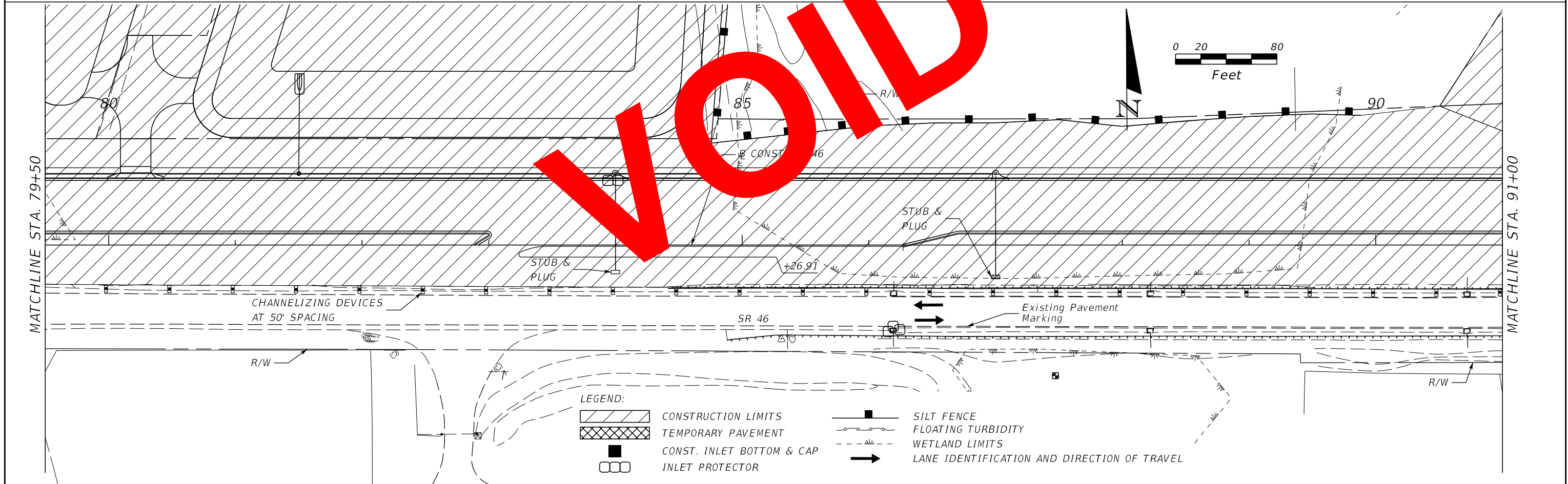
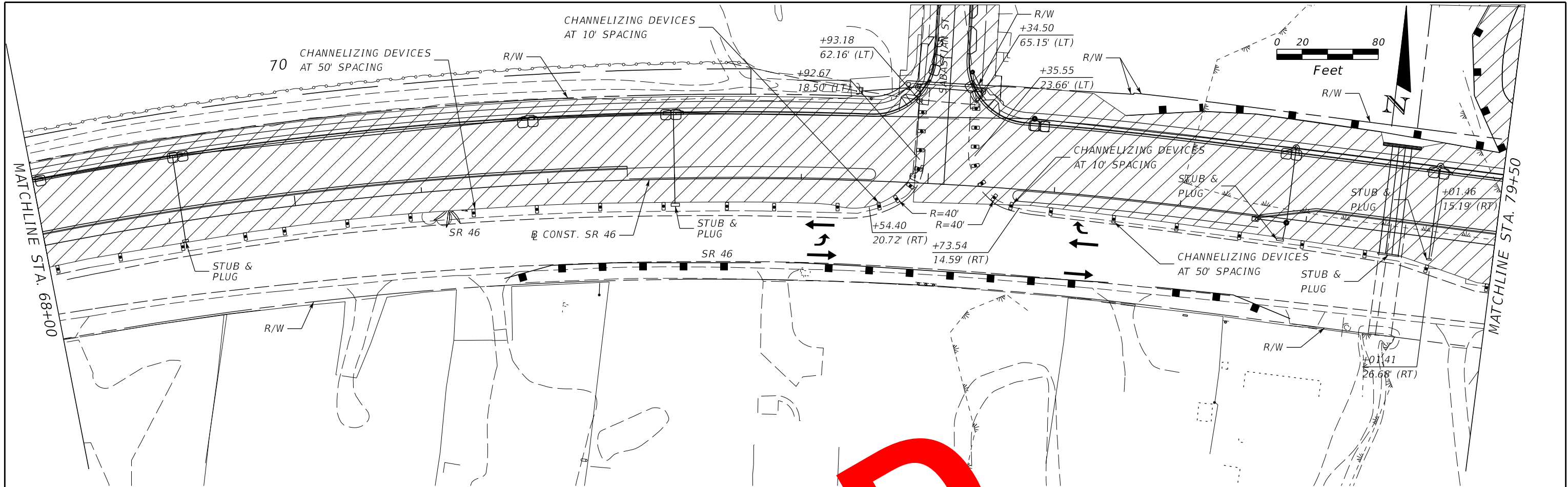
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**TEMP. TRAFFIC CONTROL
 PHASE 1 PLANS - SR 46**

SHEET NO.
490

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LEGEND:

- CONSTRUCTION LIMITS
- TEMPORARY PAVEMENT
- CONST. INLET BOTTOM & CAP
- INLET PROTECTOR
- SILT FENCE
- FLOATING TURBIDITY
- WETLAND LIMITS
- LANE IDENTIFICATION AND DIRECTION OF TRAVEL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

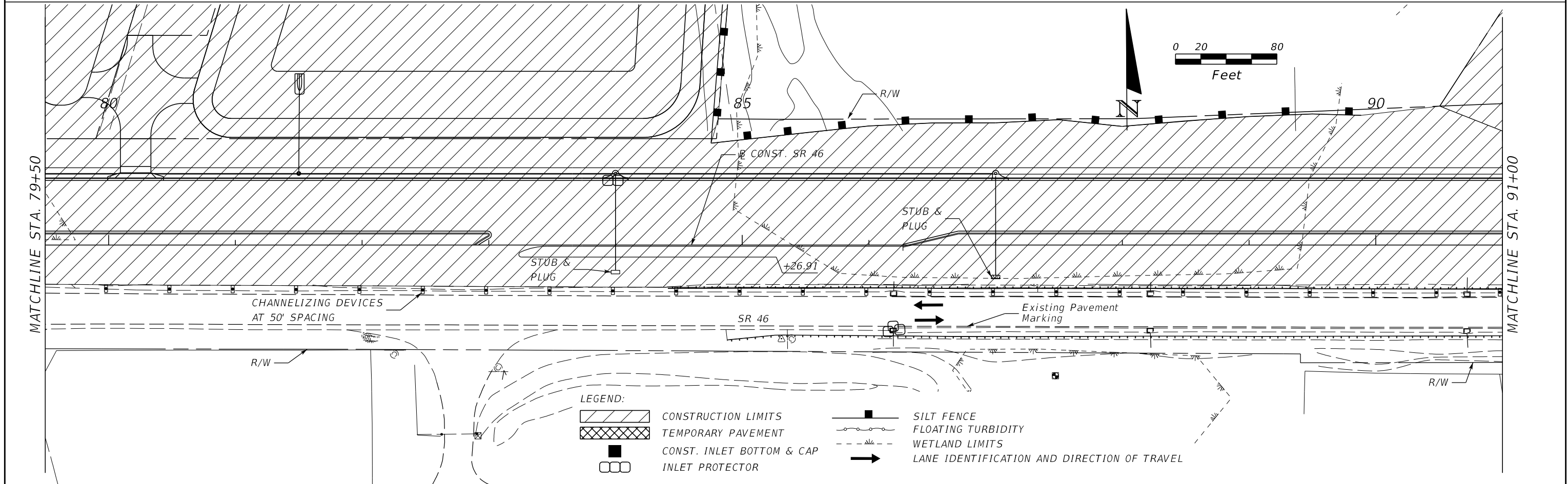
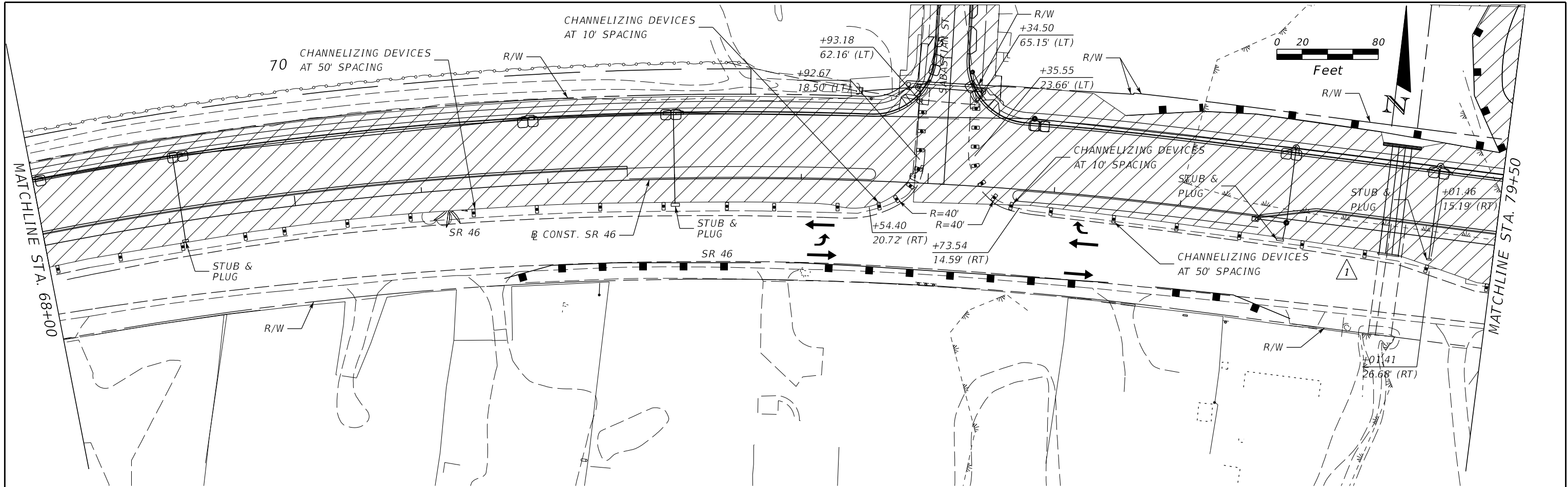
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TEMP. TRAFFIC CONTROL
 PHASE 1 PLANS - SR 46

SHEET NO.
491

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REVISIONS	
DATE	DESCRIPTION
5/17/17	JLC 1 REMOVED STUB AND PLUG

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

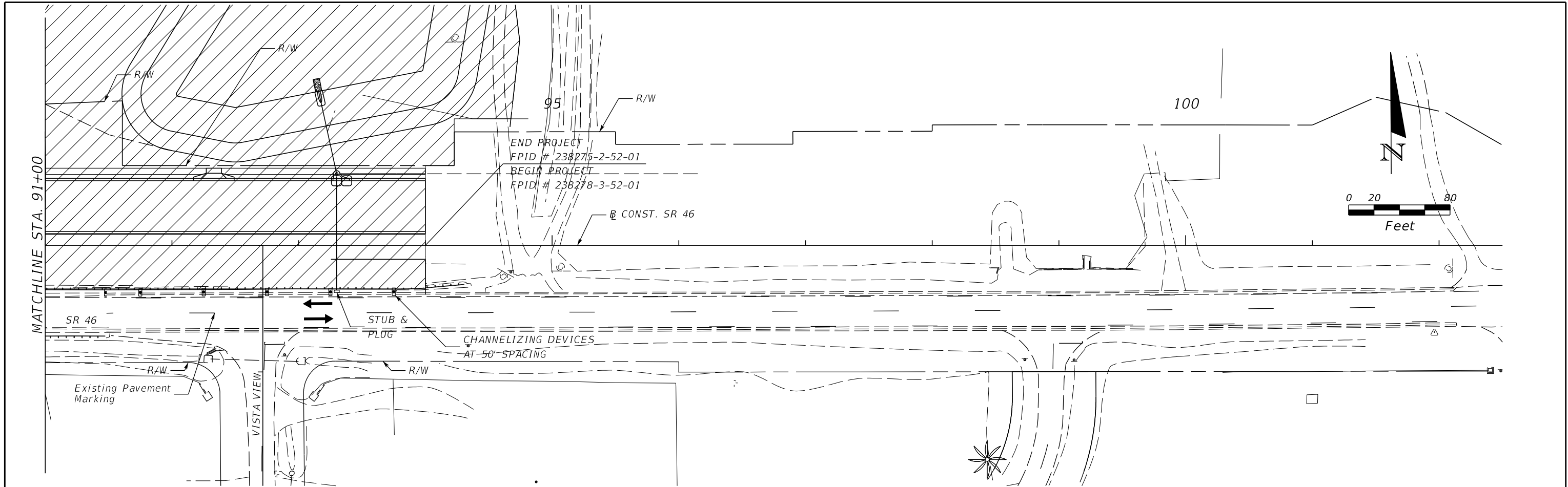
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

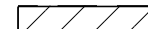






STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**TEMP. TRAFFIC CONTROL
 PHASE 1 PLANS - SR 46**

SHEET NO.
491

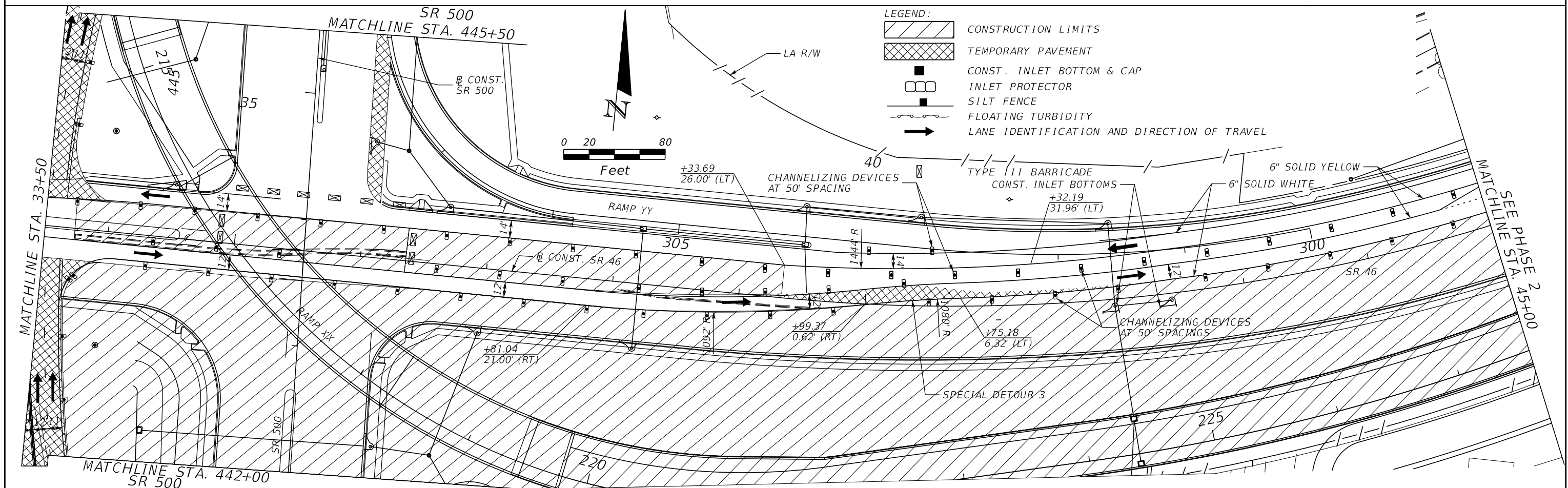
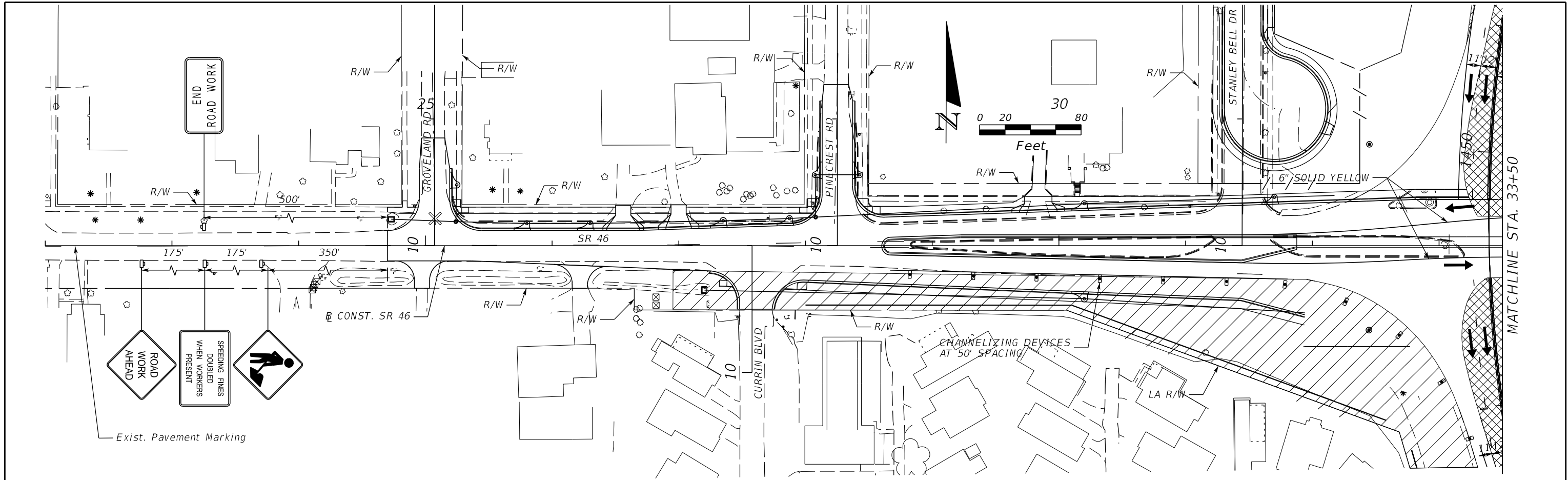
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- LEGEND:
-  CONSTRUCTION LIMITS
 -  CONSTRUCTION LIMITS
 -  CONST. INLET BOTTOM & CAP
 -  INLET PROTECTION
 -  SILT FENCE
 -  FLOATING TUBIDITY
 -  LANE IDENTIFICATION AND DIRECTION OF TRAVEL

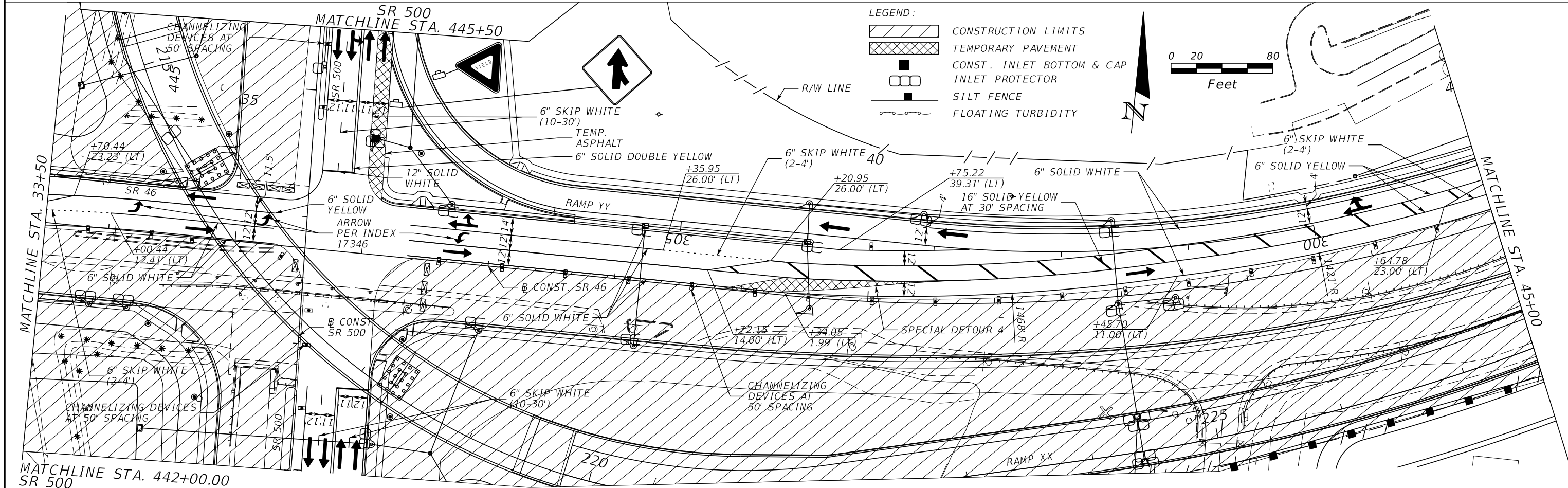
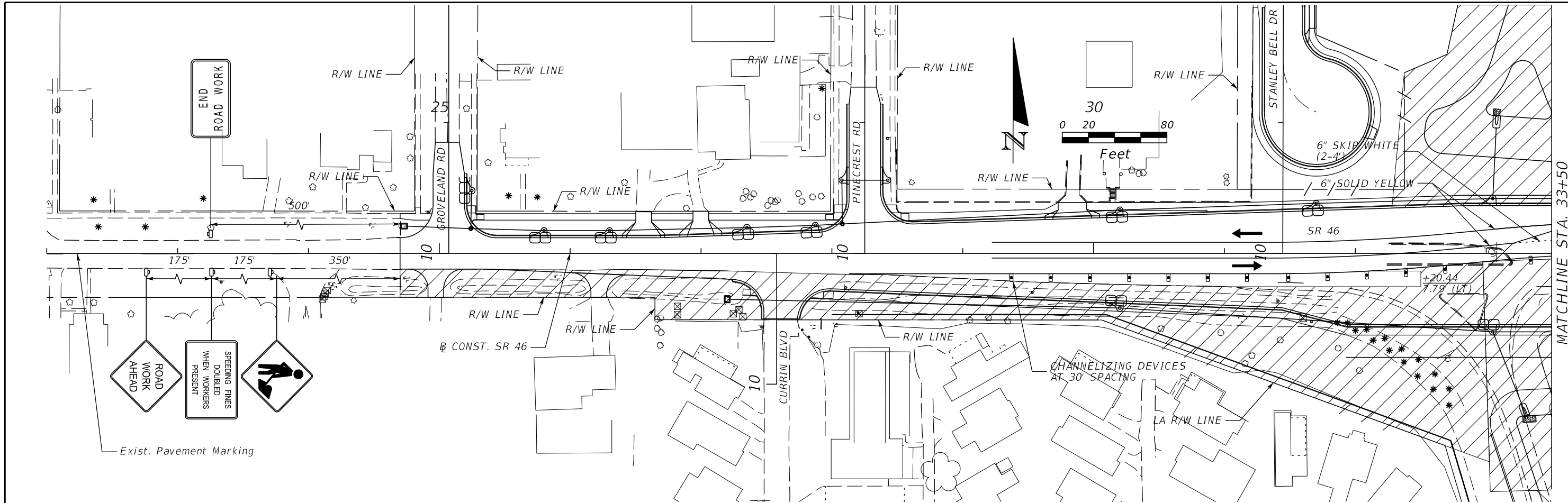
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 1 PLANS - SR 46	SHEET NO. 492
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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REVISIONS		DESCRIPTION		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 2A PLANS - SR 46	SHEET NO. 493
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

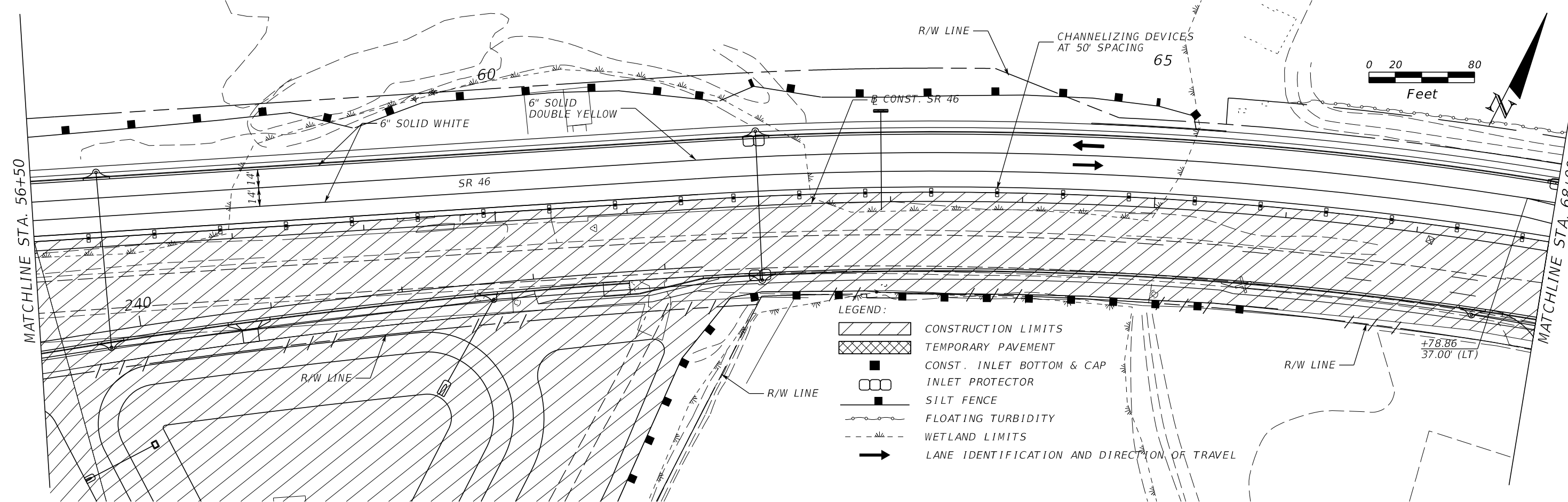
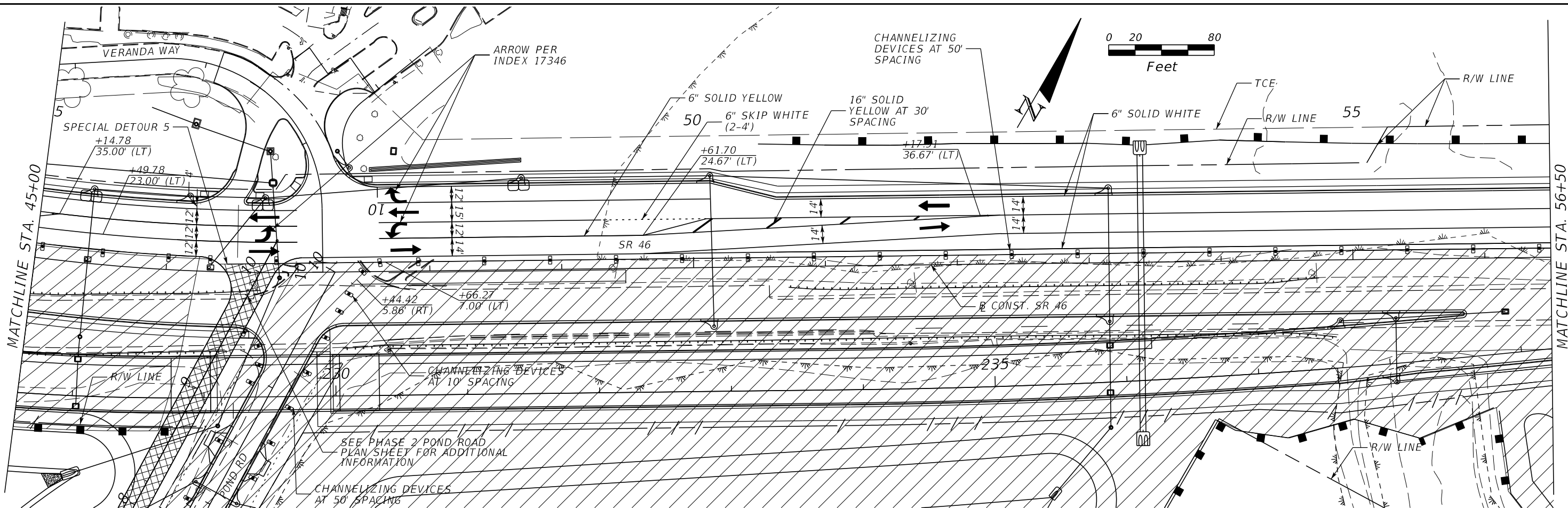


REVISIONS		REVISIONS		DESCRIPTION	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	TEMP. TRAFFIC CONTROL PHASE 2 PLANS - SR 46		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					
					ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 46	LAKE	238275-2-52-01	494

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

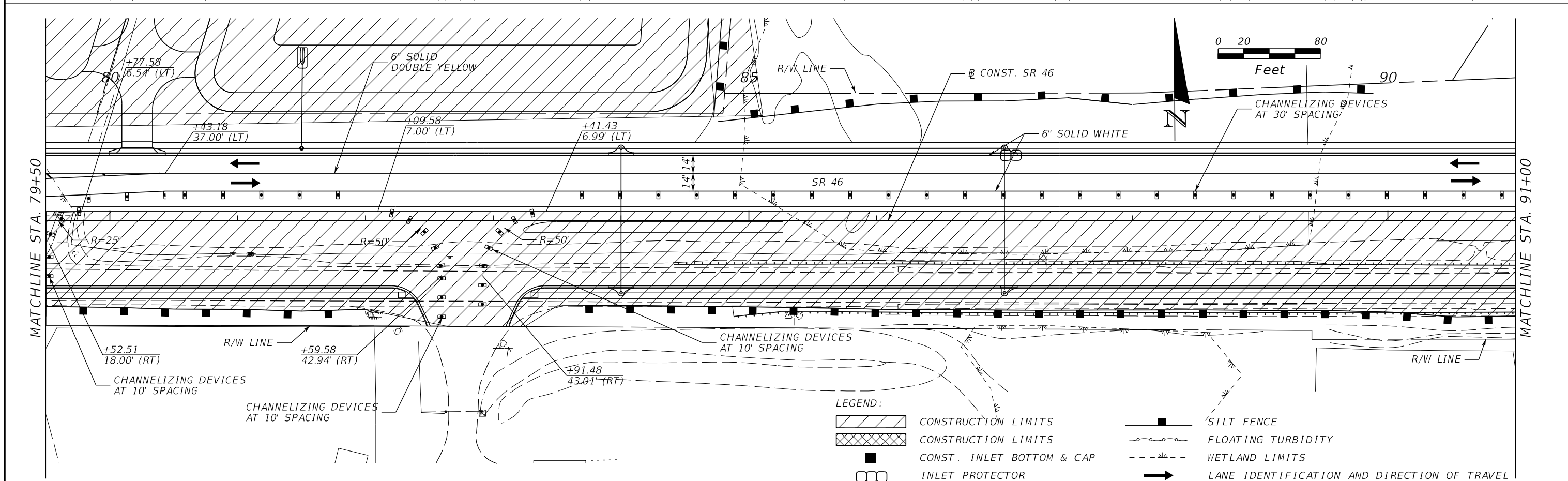
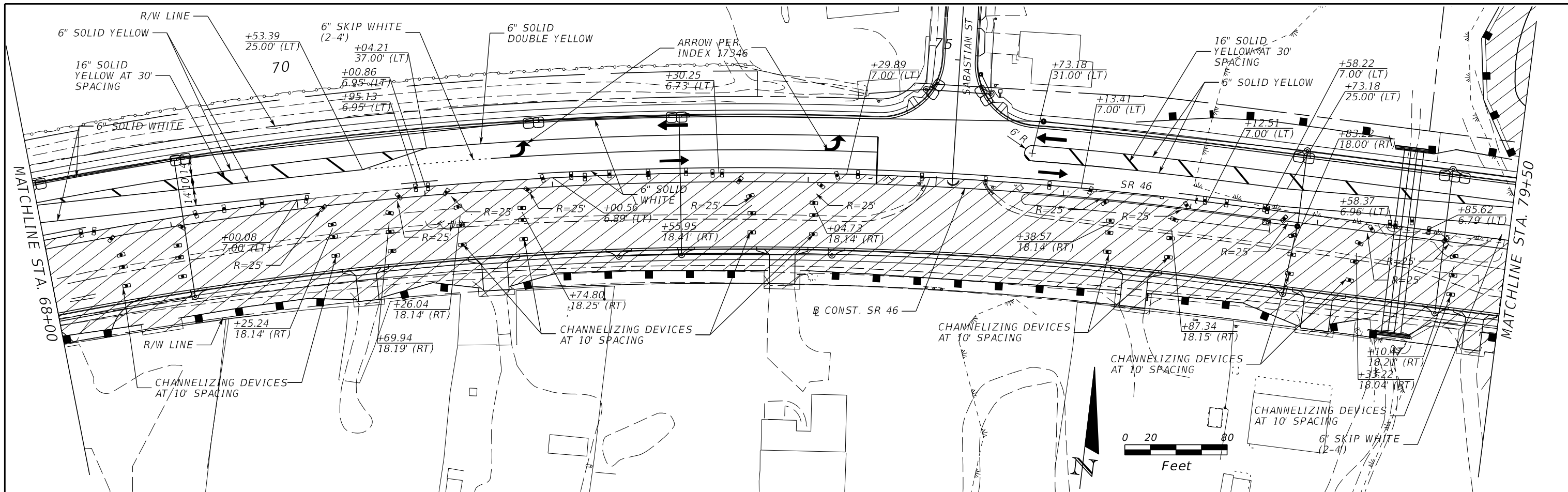
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



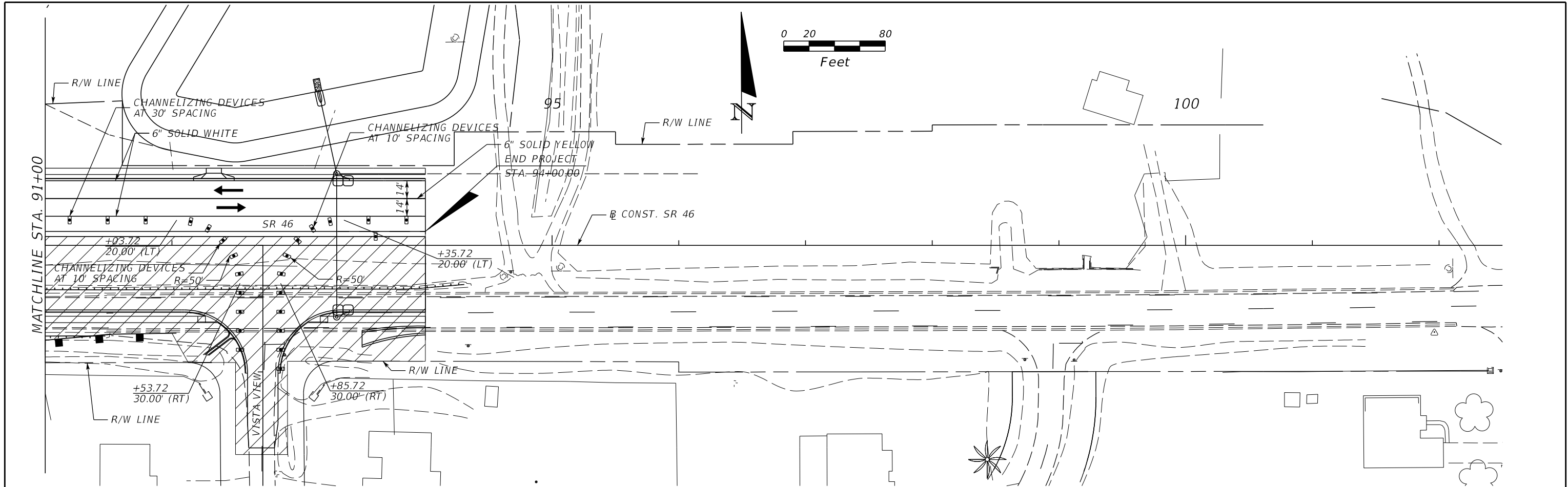
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 2 PLANS - SR 46	SHEET NO. 495
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

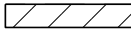




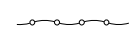

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 2 PLANS - SR 46	SHEET NO. 496
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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- LEGEND:
-  CONSTRUCTION LIMITS
 -  TEMPORARY PAVEMENT
 -  CONST. INLET BOTTOM & CAP
 -  INLET PROTECTOR
 -  SILT FENCE
 -  FLOATING TURBIDITY
 -  LANE IDENTIFICATION AND DIRECTION OF TRAVEL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

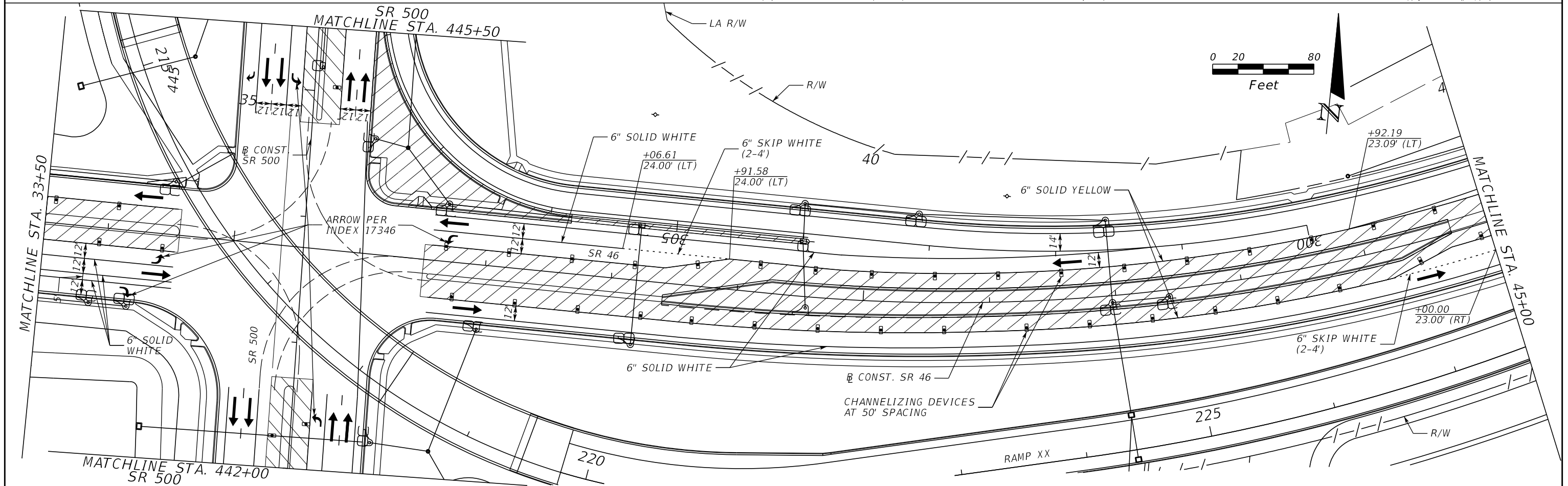
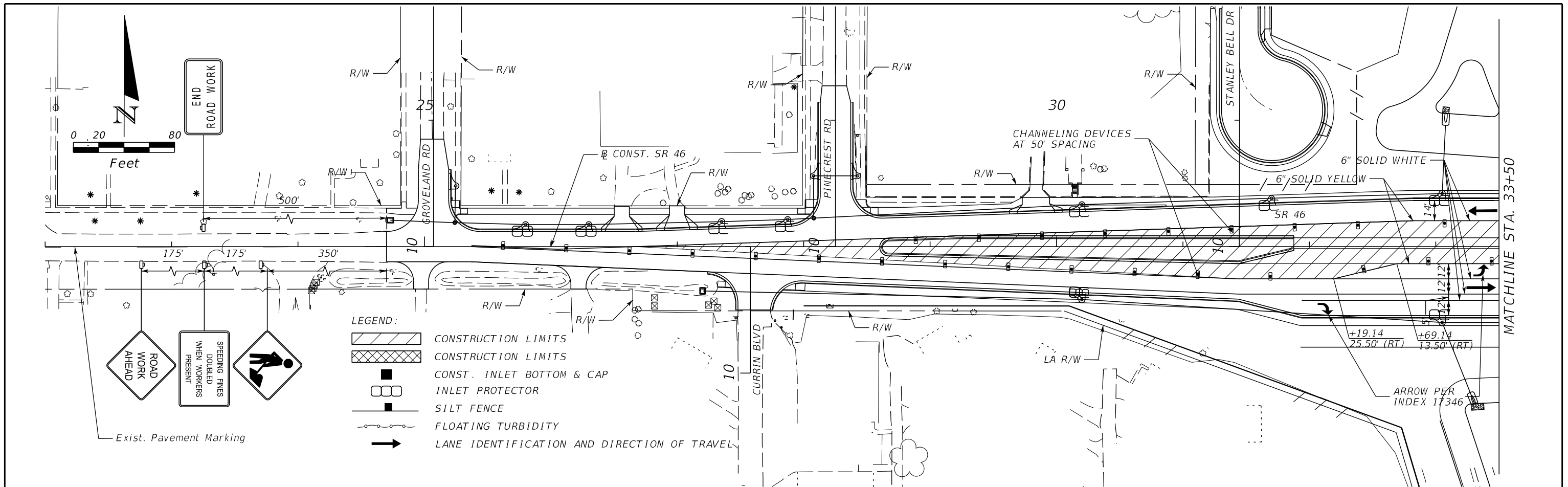
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**TEMP. TRAFFIC CONTROL
 PHASE 2 PLANS - SR 46**

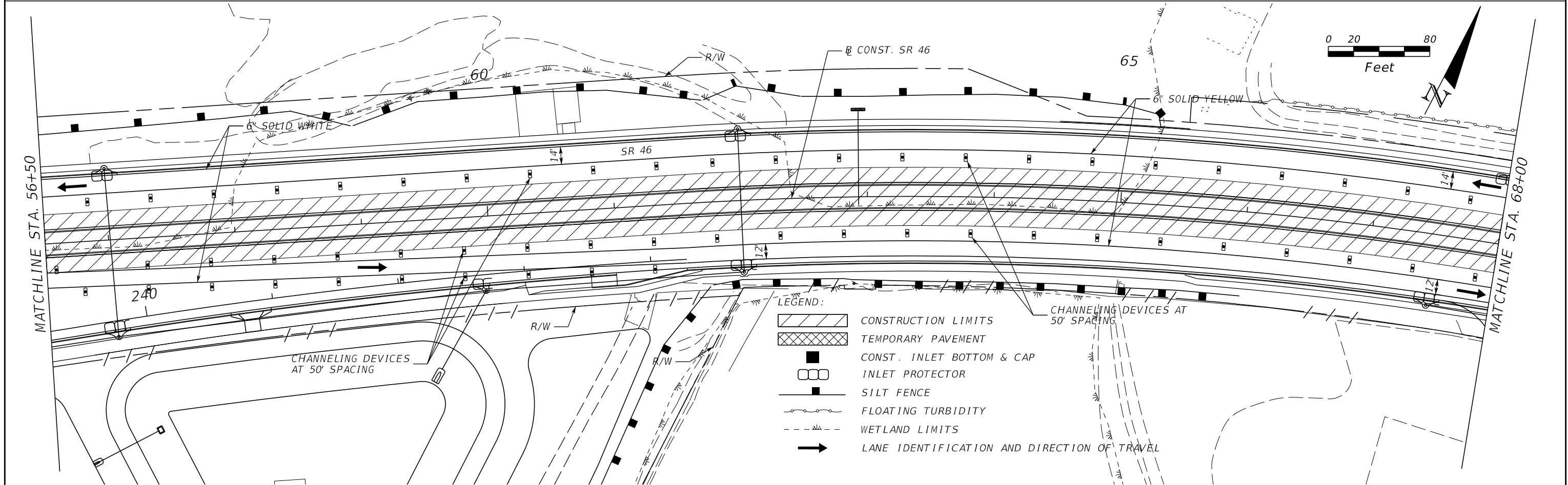
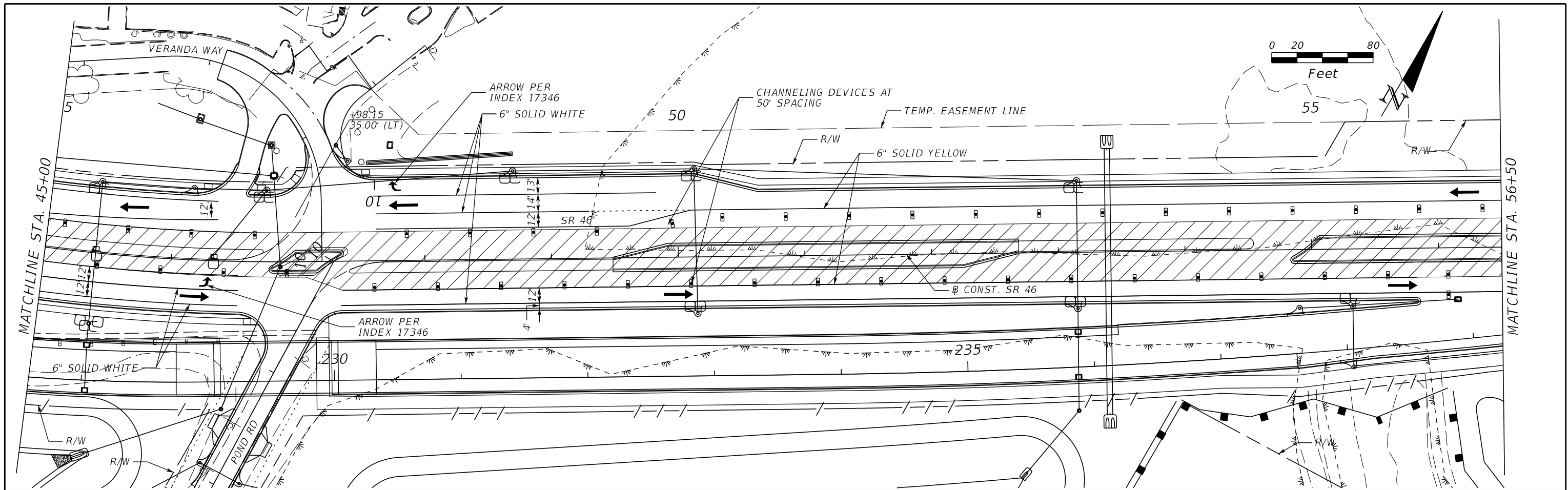
SHEET NO.
 497

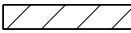



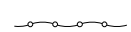
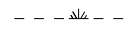


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REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 3 PLANS - SR 46	SHEET NO. 498
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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- LEGEND:**
-  CONSTRUCTION LIMITS
 -  TEMPORARY PAVEMENT
 -  CONST. INLET BOTTOM & CAP
 -  INLET PROTECTOR
 -  SILT FENCE
 -  FLOATING TURBIDITY
 -  WETLAND LIMITS
 -  LANE IDENTIFICATION AND DIRECTION OF TRAVEL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

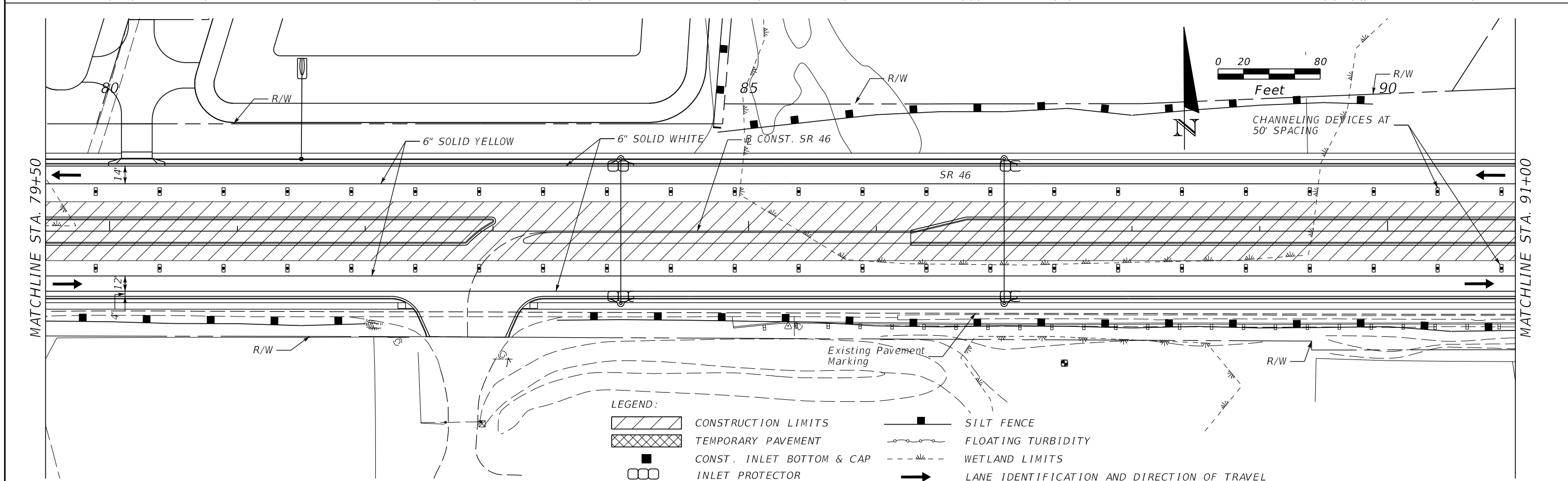
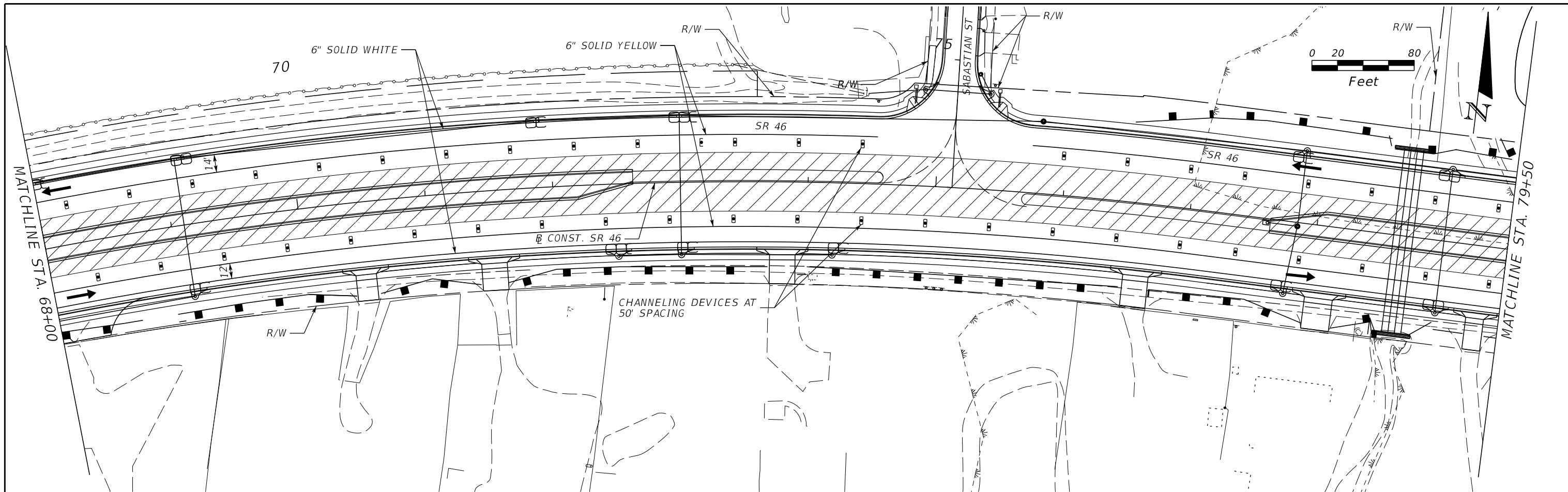
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**TEMP. TRAFFIC CONTROL
 PHASE 3 PLANS - SR 46**

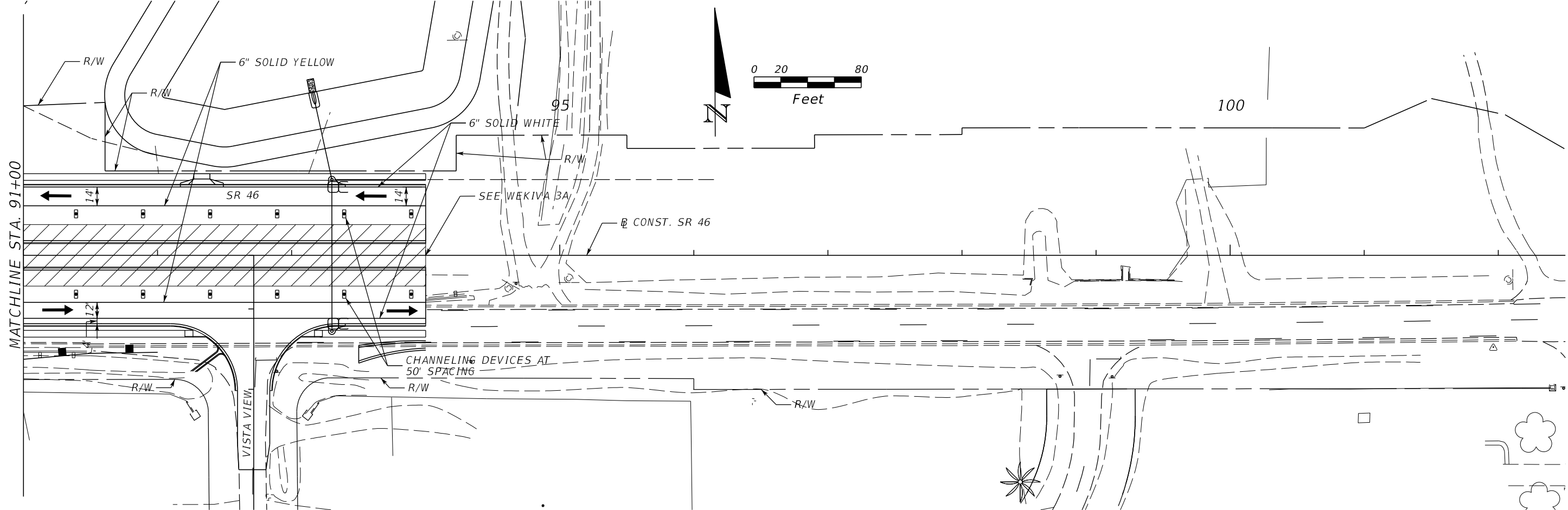
SHEET NO.
499

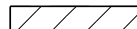



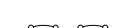


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REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 3 PLANS - SR 46	SHEET NO. 500
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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- LEGEND:
-  CONSTRUCTION LIMITS
 -  TEMPORARY PAVEMENT
 -  CONST. INLET BOTTOM & CAP
 -  INLET PROTECTOR
 -  SILT FENCE
 -  FLOATING TURBIDITY
 -  LANE IDENTIFICATION AND DIRECTION OF TRAVEL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 3 PLANS - SR 46	SHEET NO. 501
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

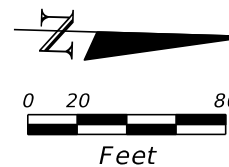
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SPEED
LIMIT
55

ROAD
WORK
END

400

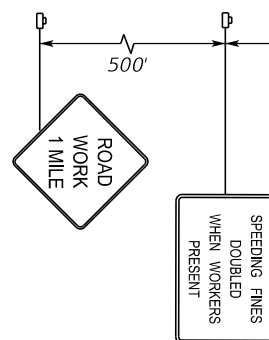
500'



405

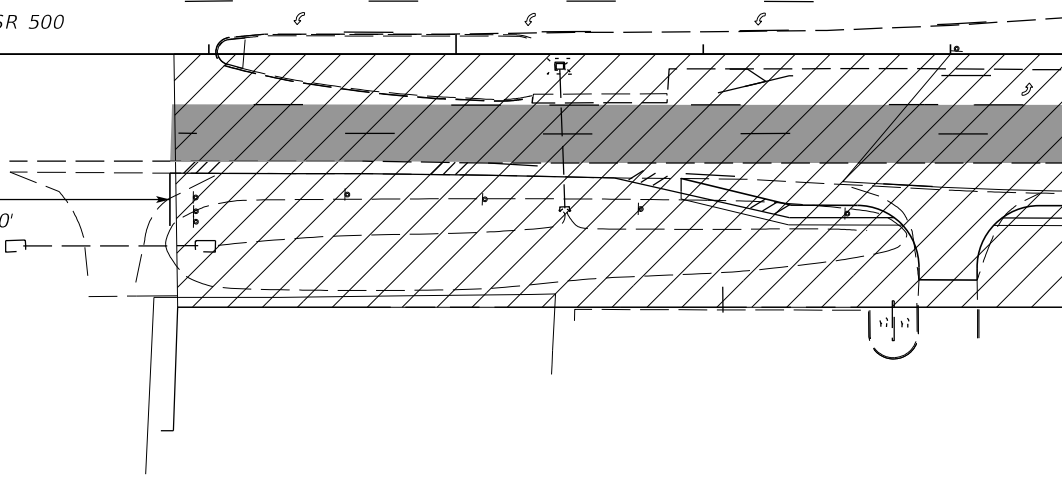
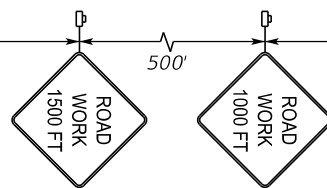
MATCHLINE STA. 407+50

CONST. SR 500

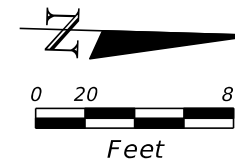


LEGEND:

- CONSTRUCTION LIMITS
- TEMPORARY PAVEMENT
- CONST. INLET BOTTOM & CAP
- INLET PROTECTOR
- SILT FENCE
- FLOATING TURBIDITY
- CROSS-SLOPE CORRECTION



MATCHLINE STA. 407+50

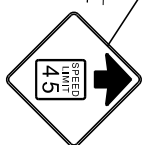


410

415

MATCHLINE STA. 419+00

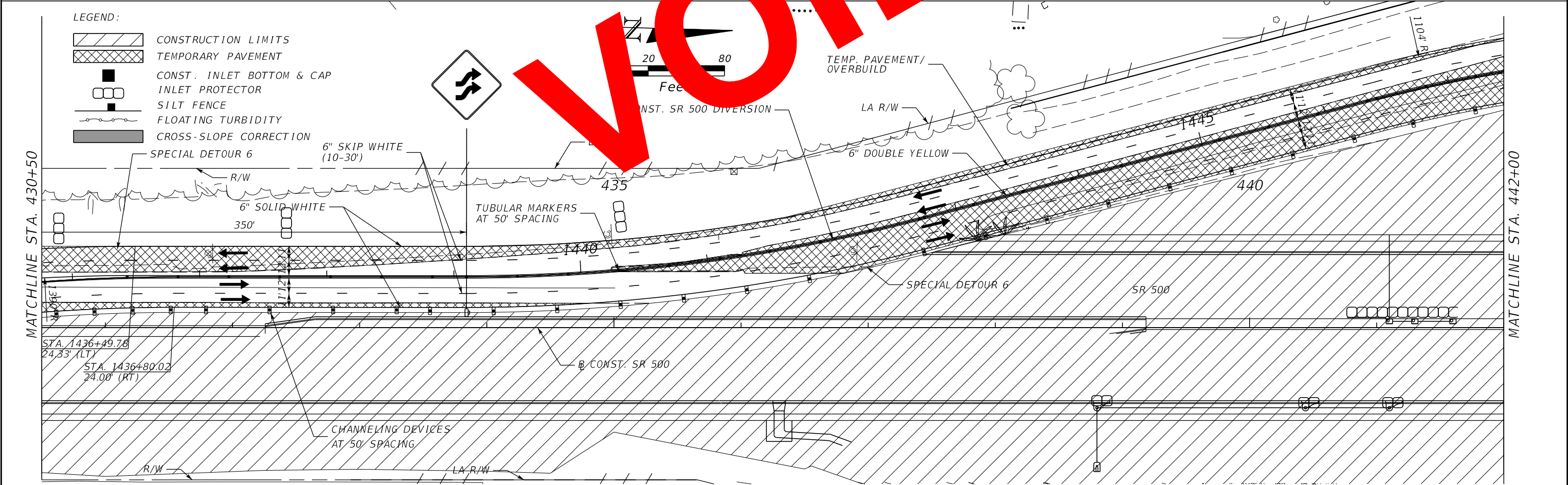
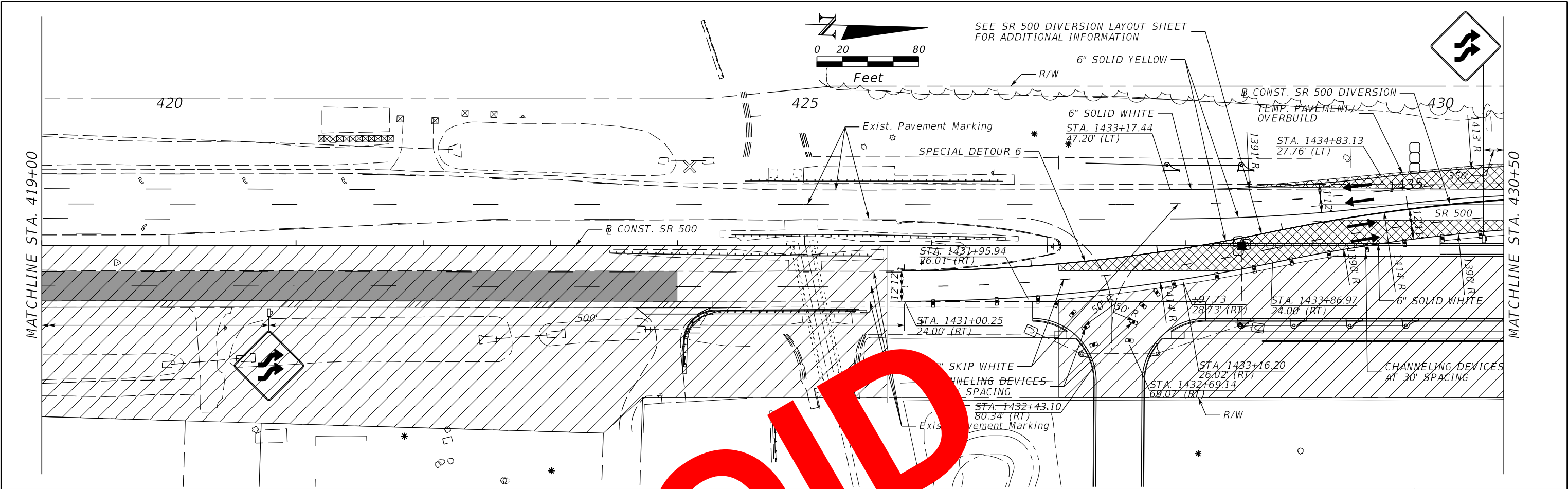
CONST. SR 500



SPEED
LIMIT
45

REVISIONS		DESCRIPTION		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	TEMP. TRAFFIC CONTROL PHASE 1 PLANS - SR 500	SHEET NO. 502
DATE	DESCRIPTION	DATE	DESCRIPTION			
				ROAD NO. SR 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01
				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003		

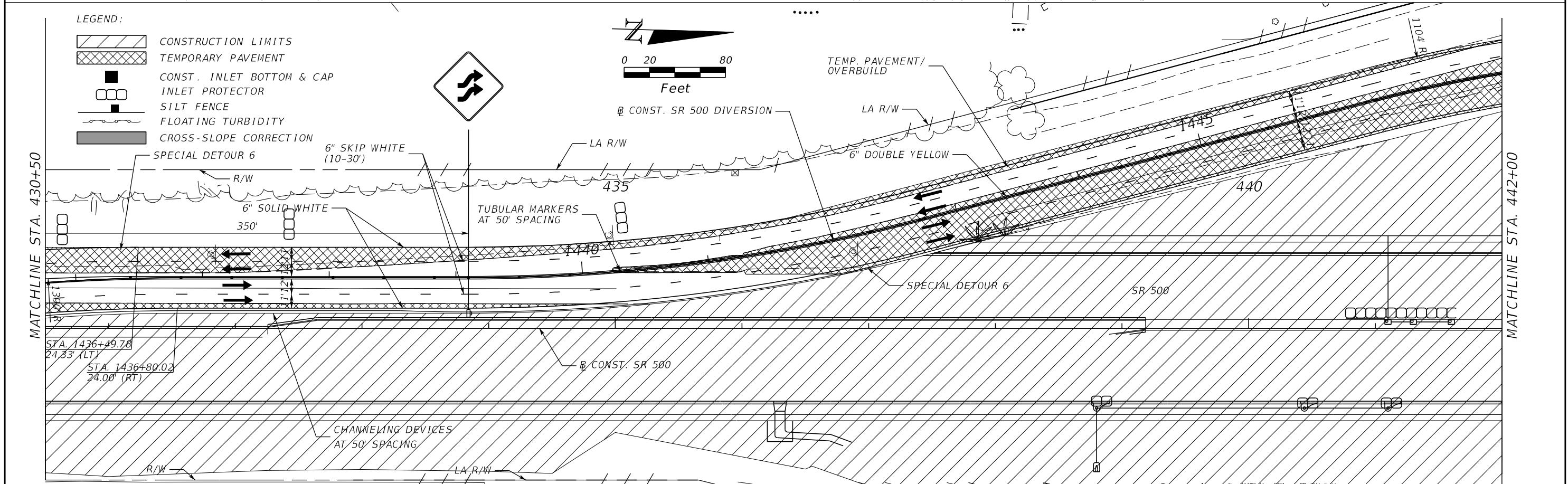
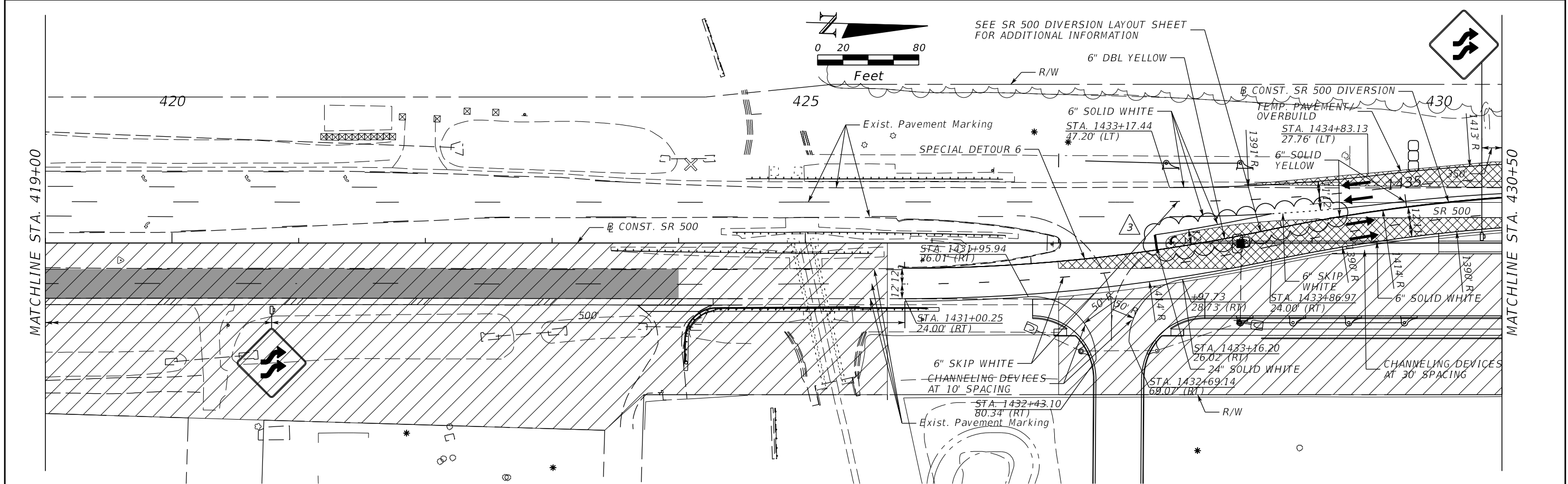
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 1 PLANS - SR 500	SHEET NO. 503
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

VOID

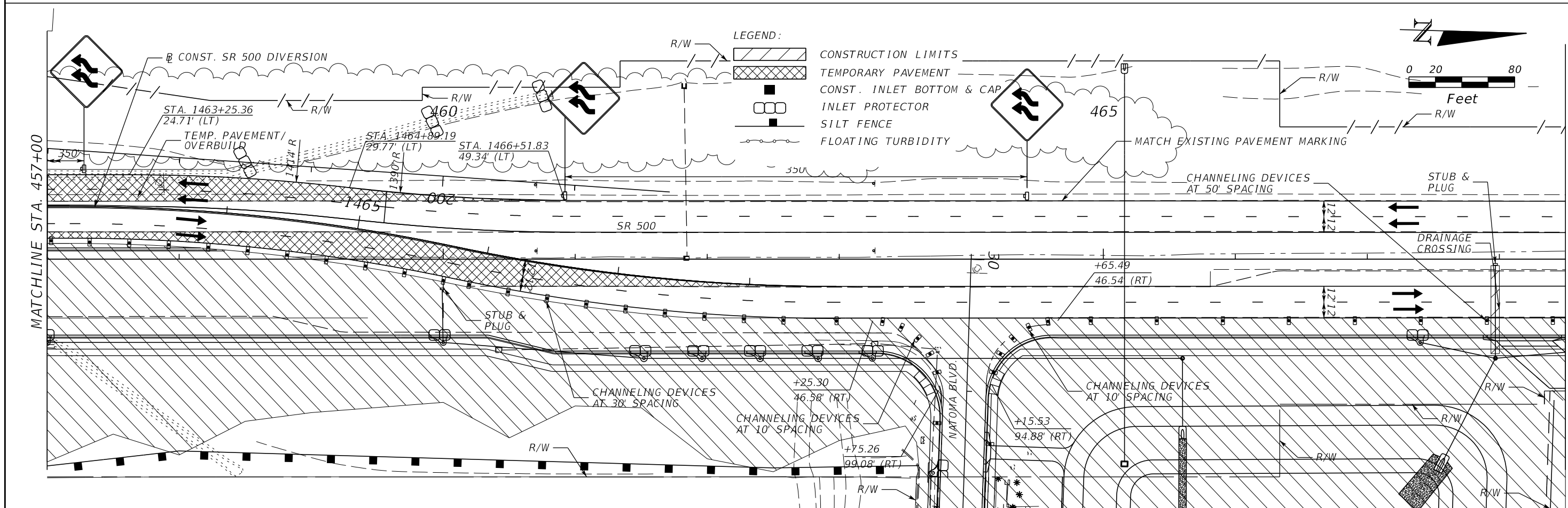
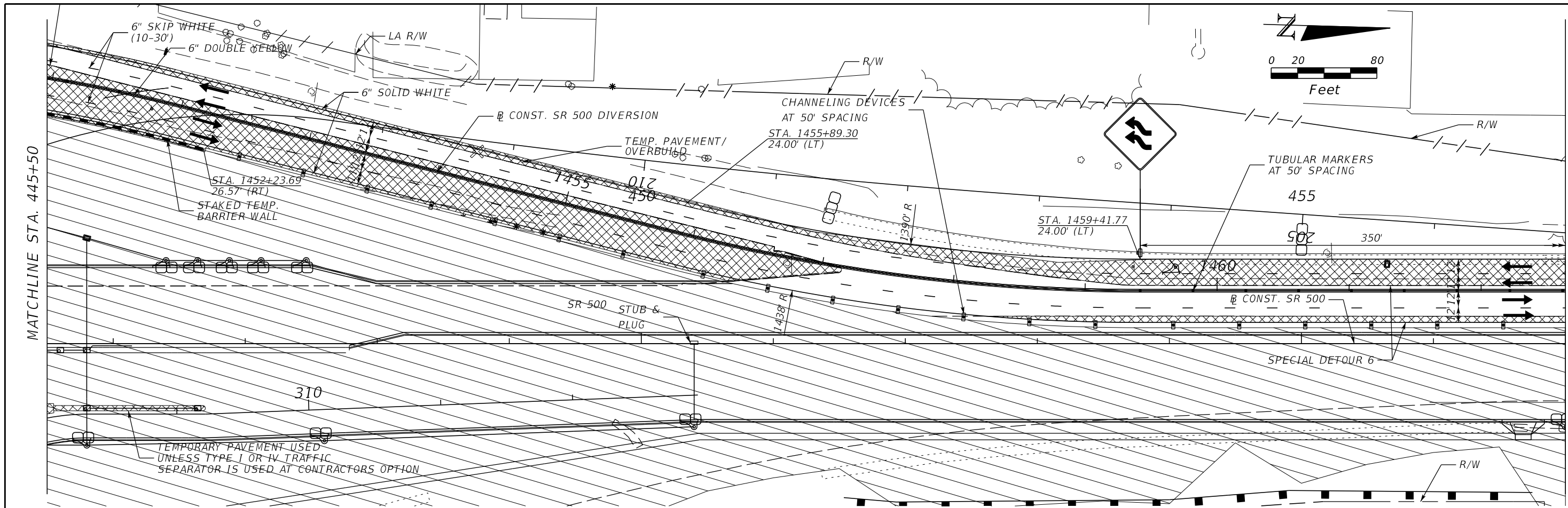
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- LEGEND:**
- CONSTRUCTION LIMITS
 - TEMPORARY PAVEMENT
 - CONST. INLET BOTTOM & CAP
 - INLET PROTECTOR
 - SILT FENCE
 - FLOATING TURBIDITY
 - CROSS-SLOPE CORRECTION
 - SPECIAL DETOUR 6

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 1 PLANS - SR 500	SHEET NO. 503
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
8/11/17	fwa ADDED SB LT LANE INTO WATER TREATMENT PLANT			ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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- LEGEND:
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 - CONST. INLET BOTTOM & CAP
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 - FLOATING TURBIDITY

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

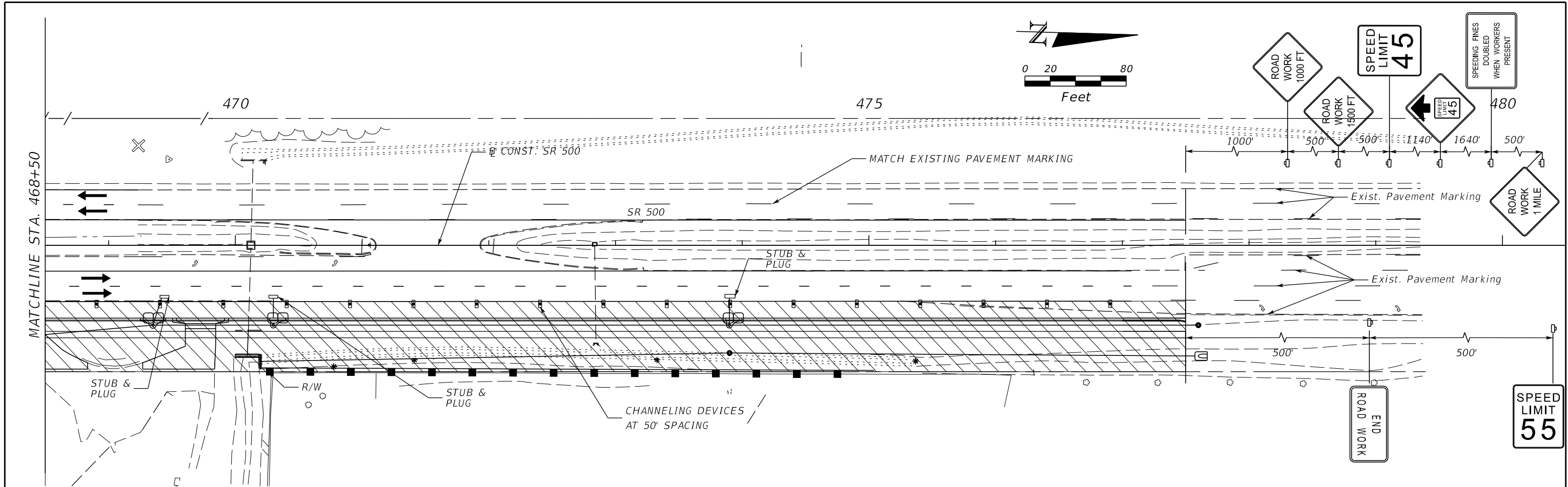
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**TEMP. TRAFFIC CONTROL
 PHASE 1 PLANS - SR 500**

SHEET NO.
 504

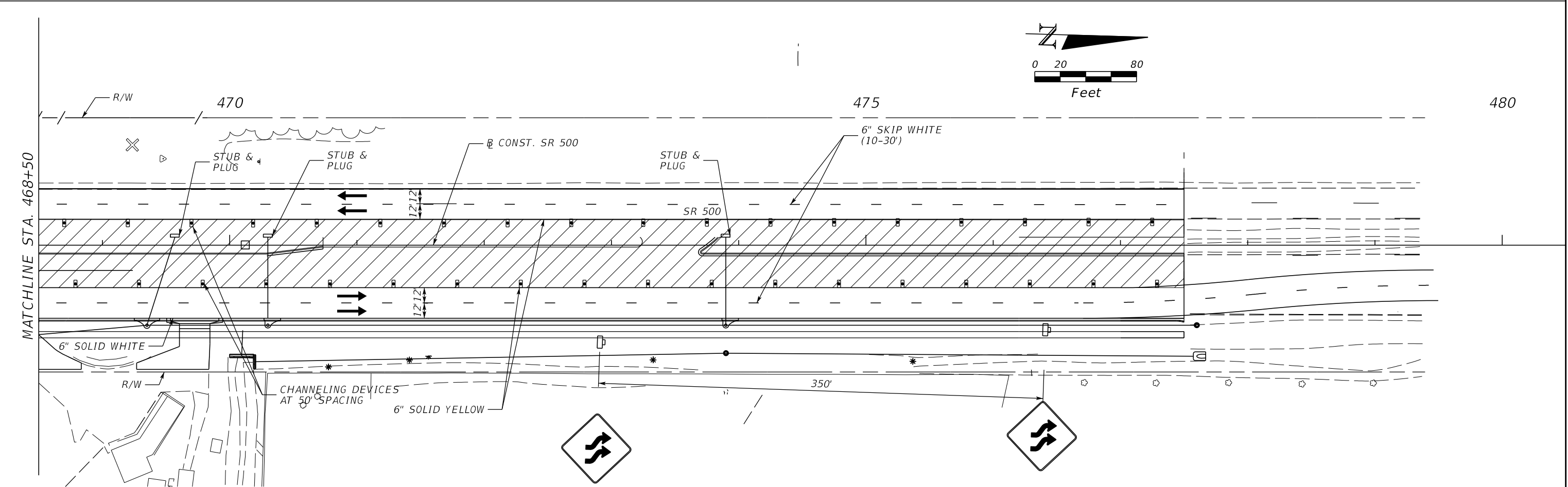
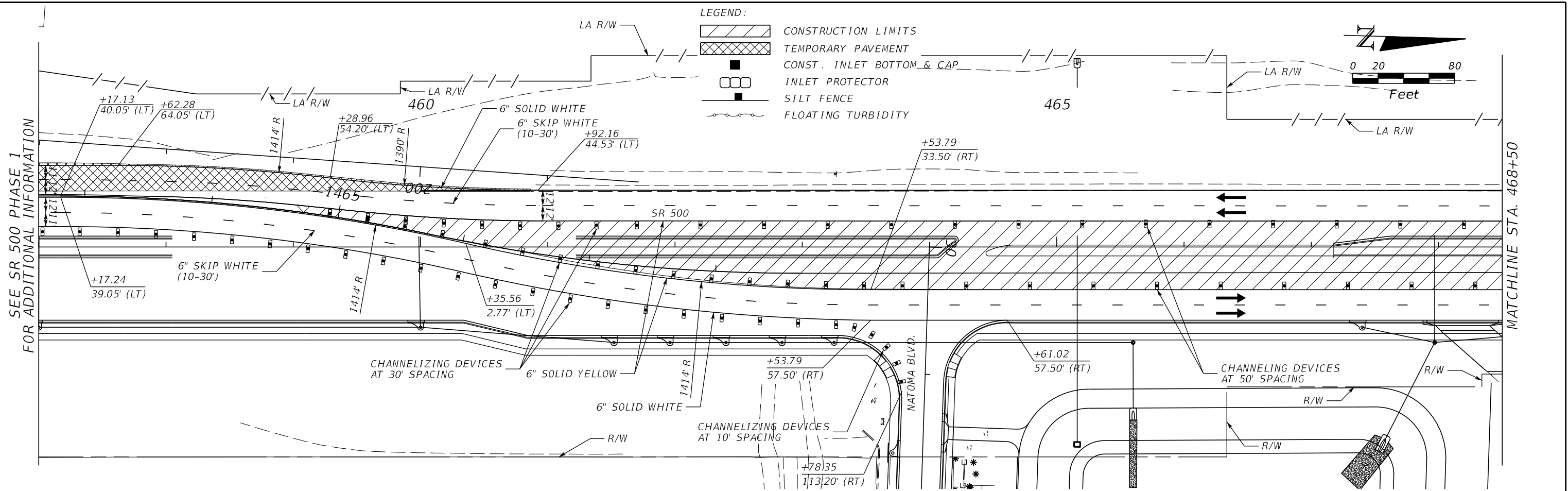
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- LEGEND:
- CONSTRUCTION LIMITS
 - TEMPORARY PAVEMENT
 - CONST. INLET BOTTOM & CAP
 - INLET PROTECTOR
 - SILT FENCE
 - FLOATING TURBIDITY

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 1 PLANS - SR 500	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		505
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 2A PLANS - SR 500	SHEET NO. 506
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

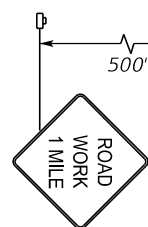
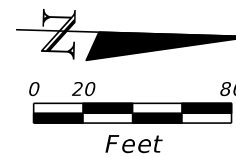
SPEED
LIMIT
55

ROAD
WORK
END

400

500'

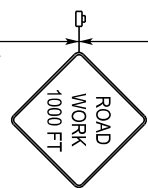
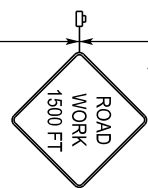
405



SPEEDING FINES
DOUBLED
WHEN WORKERS
PRESENT

LEGEND:

- CONSTRUCTION LIMITS
- TEMPORARY PAVEMENT
- CONST. INLET BOTTOM & CAP
- INLET PROTECTOR
- SILT FENCE
- FLOATING TURBIDITY
- CROSS-SLOPE CORRECTION



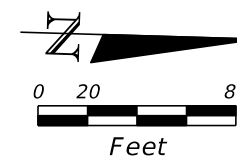
3280'

500'

1000'

MATCHLINE STA. 407+50

MATCHLINE STA. 407+50



410

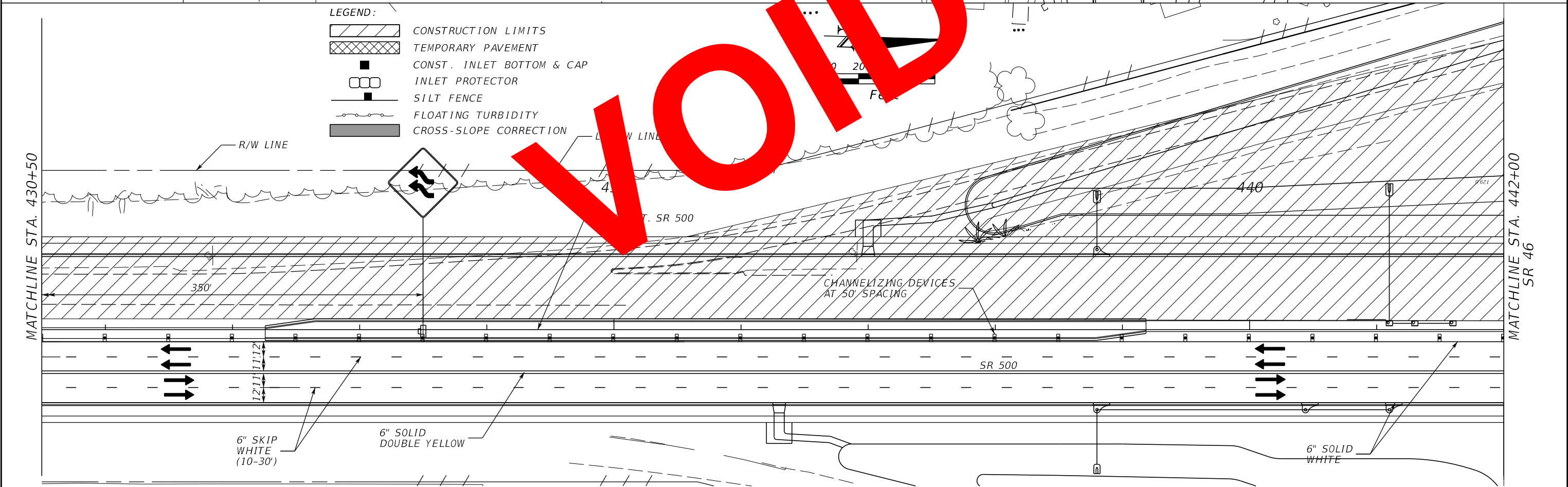
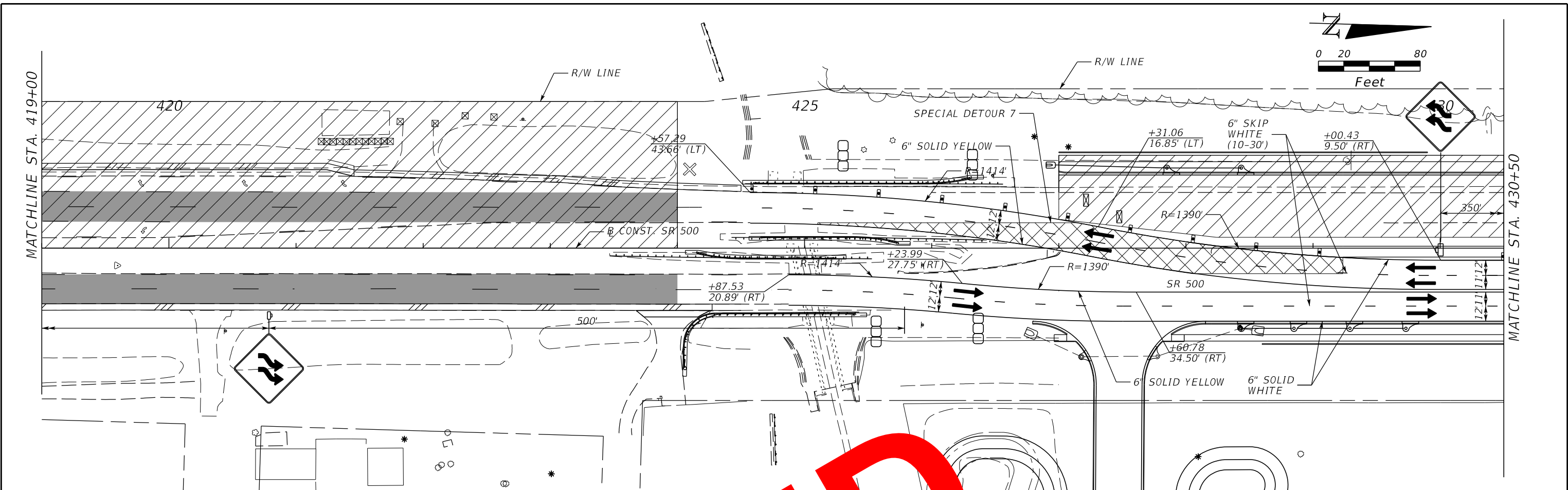
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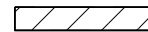




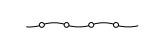



SPEED
LIMIT
45

MATCHLINE STA. 419+00

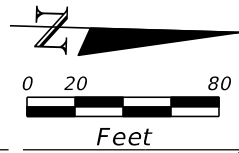
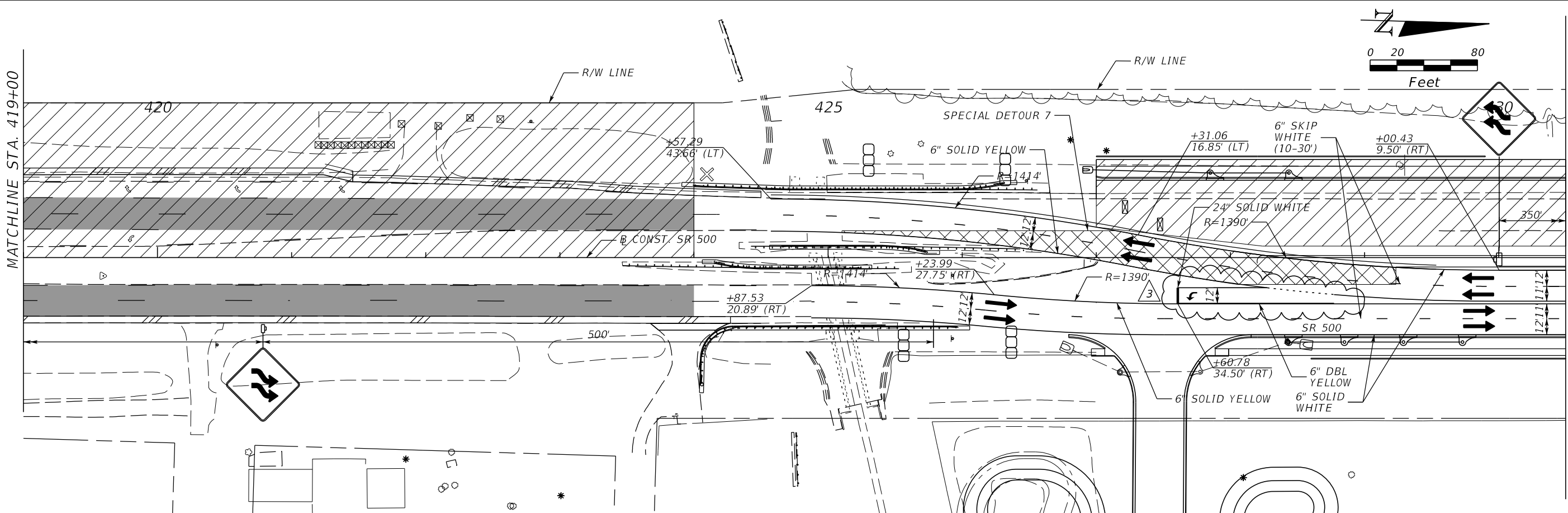
REVISIONS		DESCRIPTION		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 2 PLANS - SR 500	SHEET NO. 507
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		



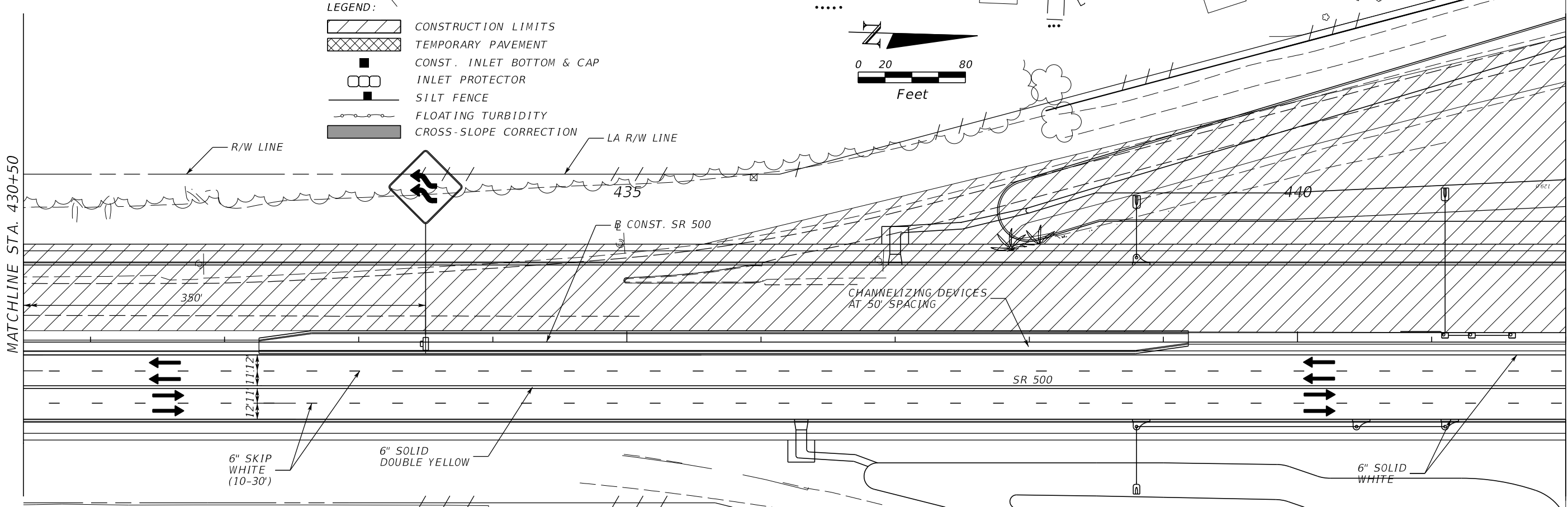
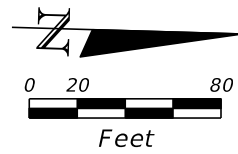
- LEGEND:
-  CONSTRUCTION LIMITS
 -  TEMPORARY PAVEMENT
 -  CONST. INLET BOTTOM & CAP
 -  INLET PROTECTOR
 -  SILT FENCE
 -  FLOATING TURBIDITY
 -  CROSS-SLOPE CORRECTION

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 2 PLANS - SR 500	SHEET NO. 508
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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- LEGEND:**
- CONSTRUCTION LIMITS
 - TEMPORARY PAVEMENT
 - CONST. INLET BOTTOM & CAP
 - INLET PROTECTOR
 - SILT FENCE
 - FLOATING TURBIDITY
 - CROSS-SLOPE CORRECTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
8/11/17	fwa ADDED SB LT LANE INTO WATER TREATMENT PLANT		

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

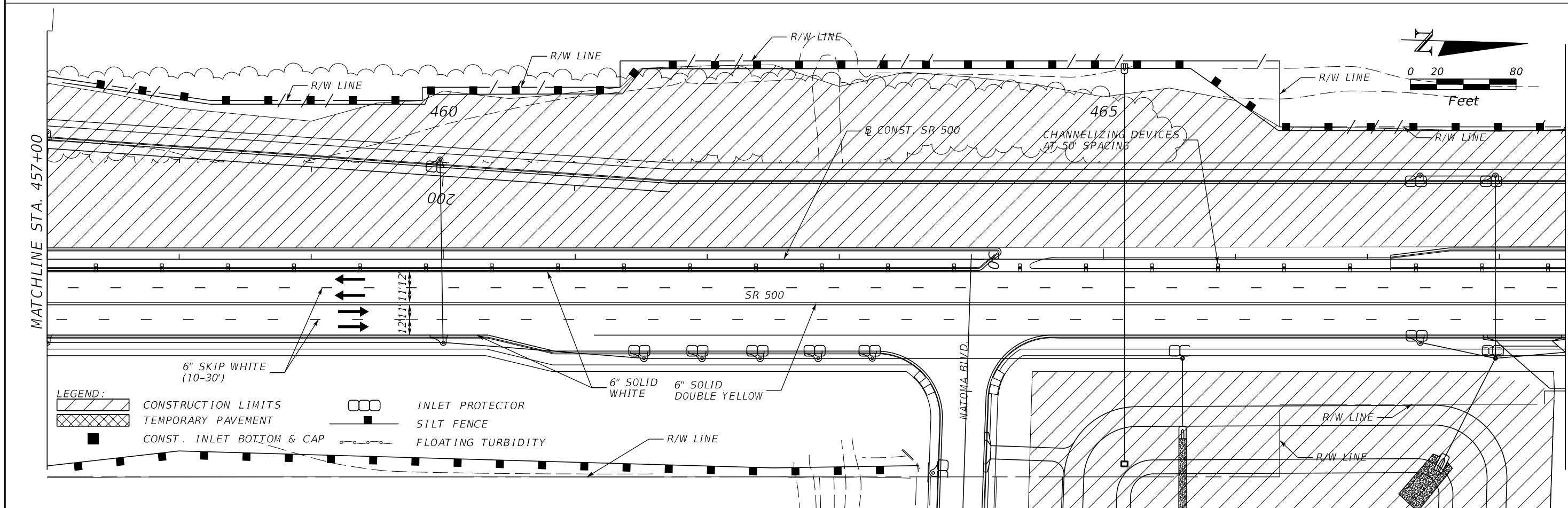
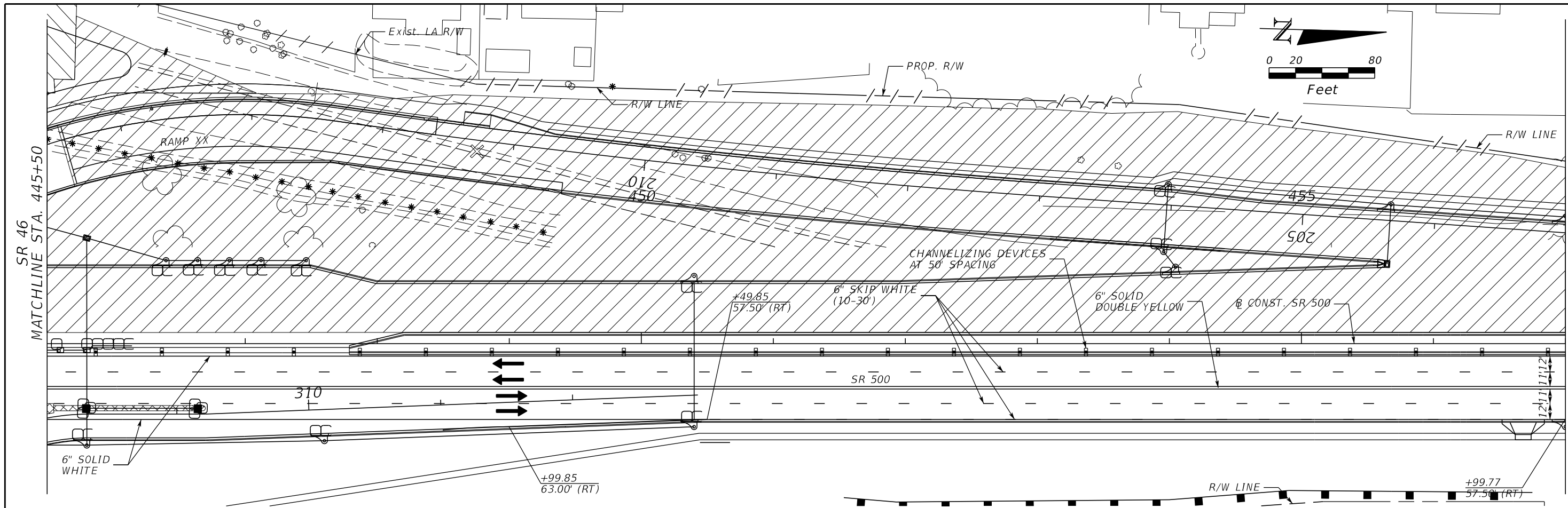
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**TEMP. TRAFFIC CONTROL
 PHASE 2 PLANS - SR 500**

SHEET NO.
508

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REVISIONS	
DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

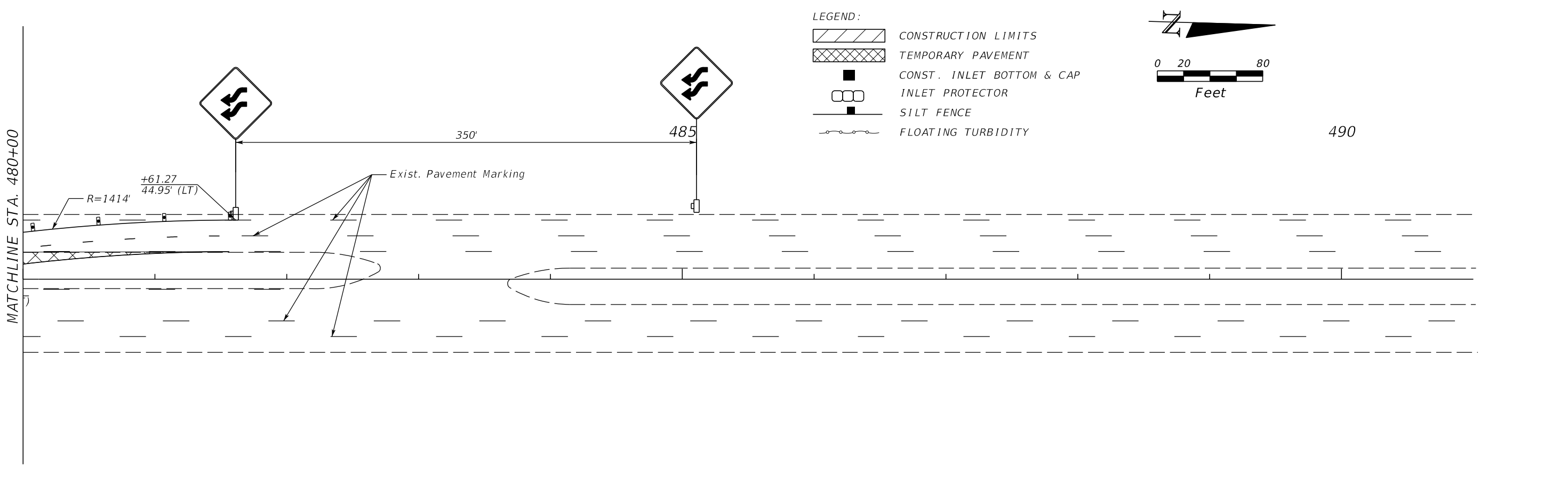
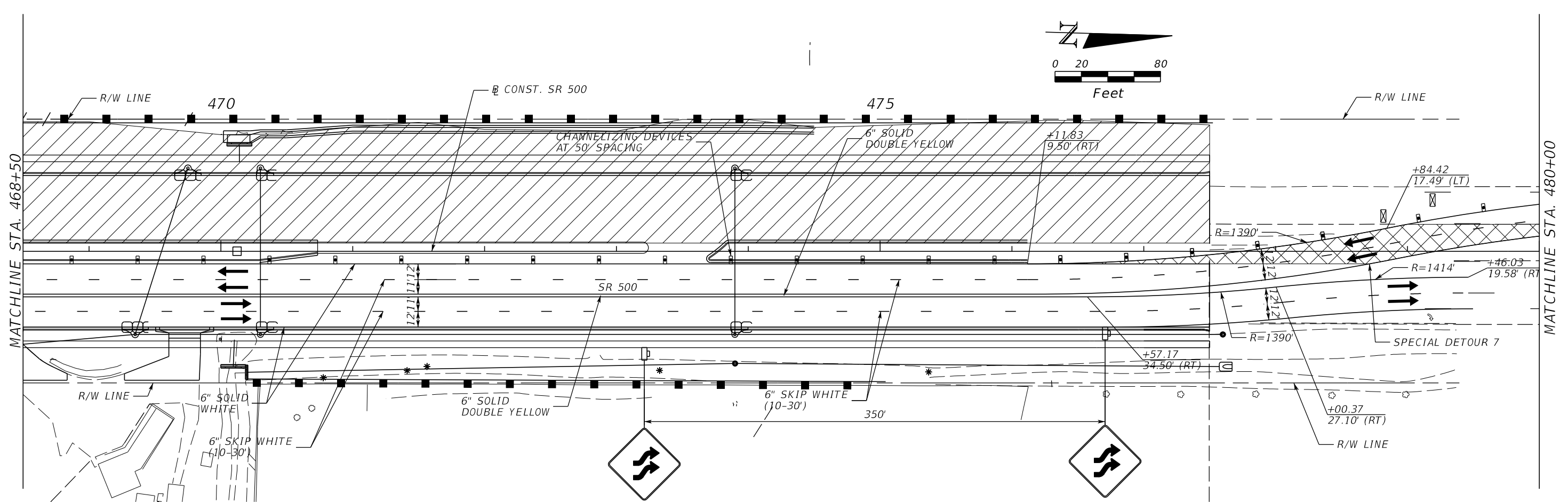
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

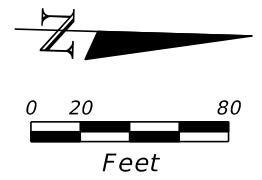
**TEMP. TRAFFIC CONTROL
 PHASE 2 PLANS - SR 500**

SHEET NO.
509

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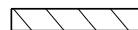



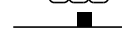
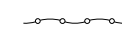
- LEGEND:
- CONSTRUCTION LIMITS
 - TEMPORARY PAVEMENT
 - CONST. INLET BOTTOM & CAP
 - INLET PROTECTOR
 - SILT FENCE
 - FLOATING TURBIDITY

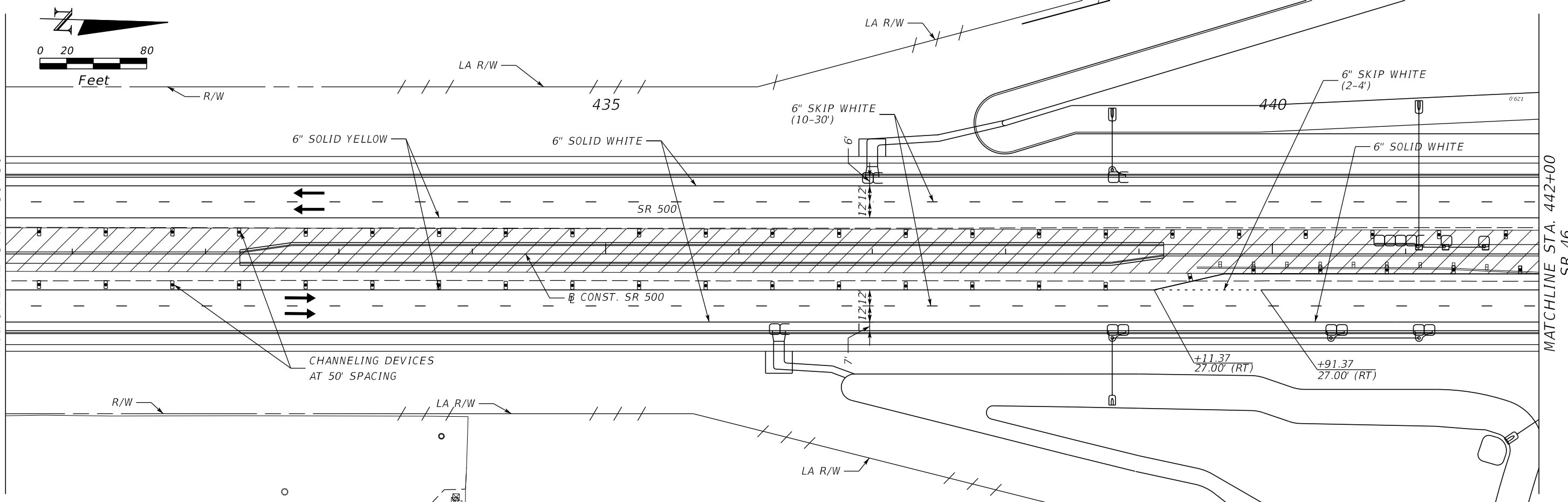
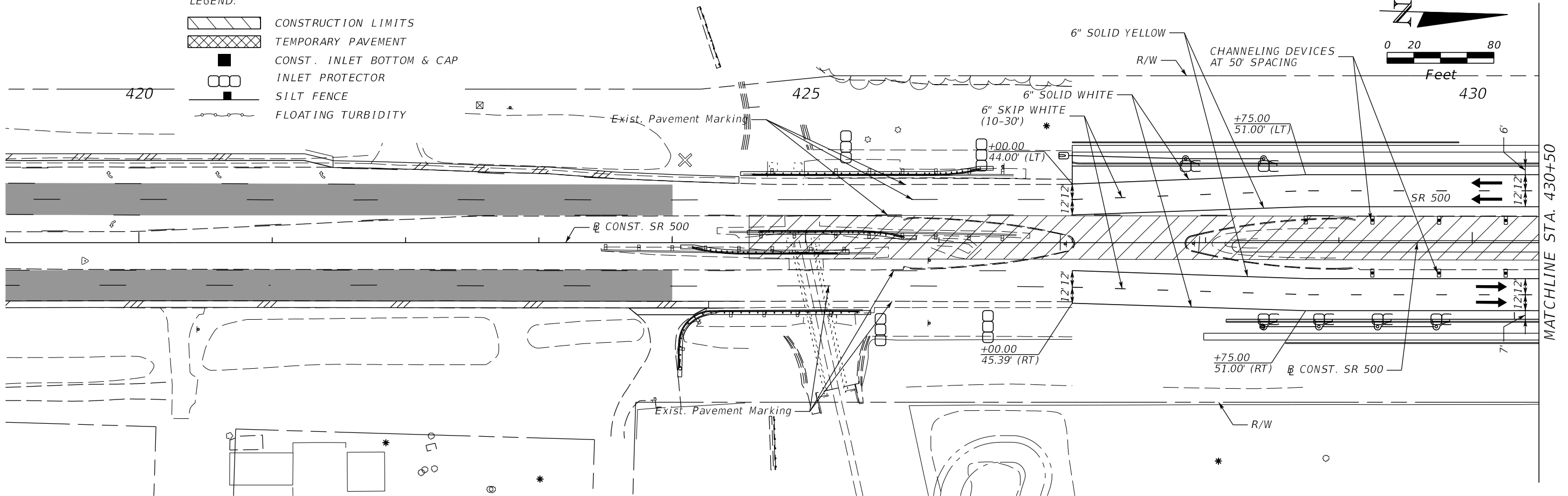


REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 2 PLANS - SR 500	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		510
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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LEGEND:

-  CONSTRUCTION LIMITS
-  TEMPORARY PAVEMENT
-  CONST. INLET BOTTOM & CAP
-  INLET PROTECTOR
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-  FLOATING TURBIDITY



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

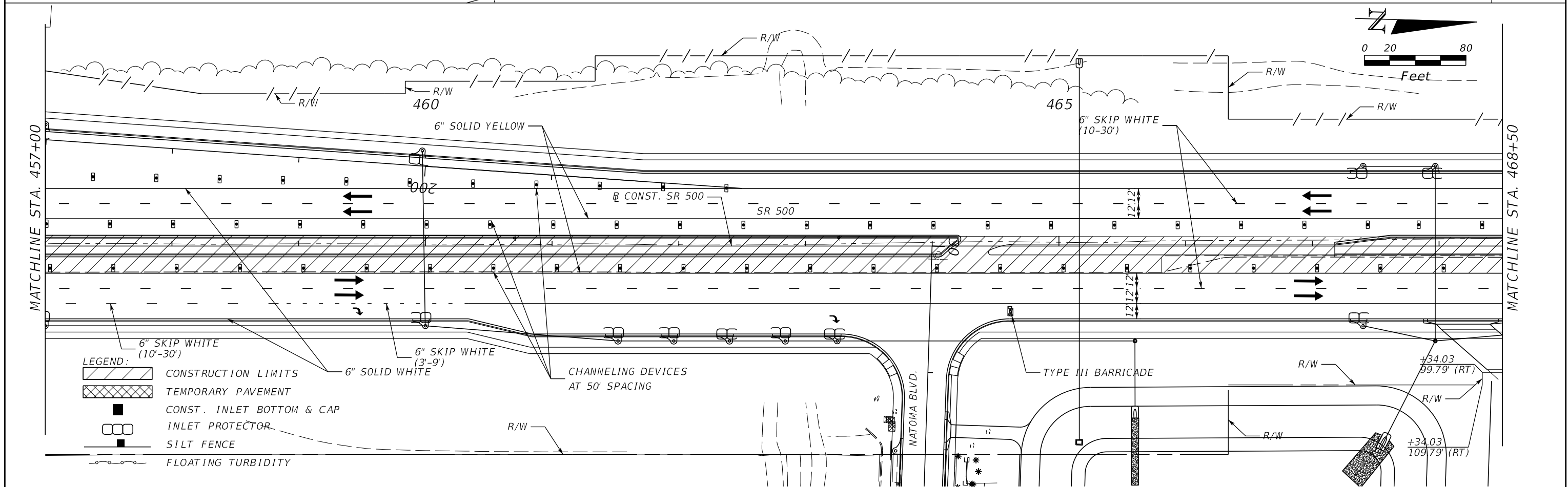
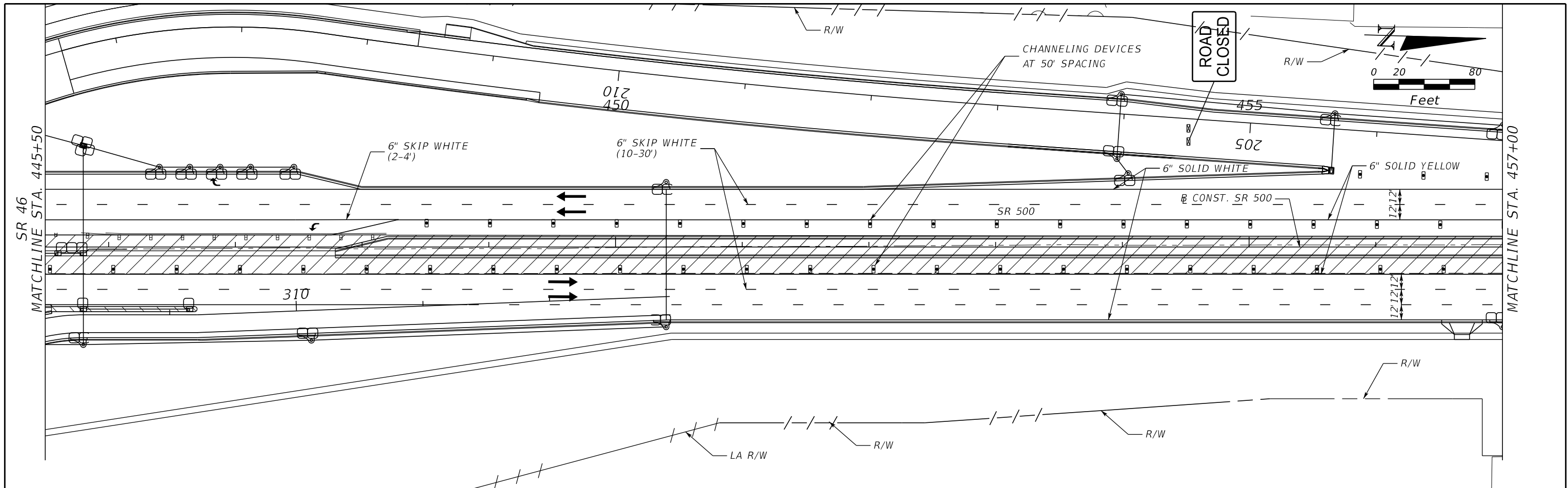
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**TEMP. TRAFFIC CONTROL
 PHASE 3 PLANS - SR 500**

SHEET NO.
 511

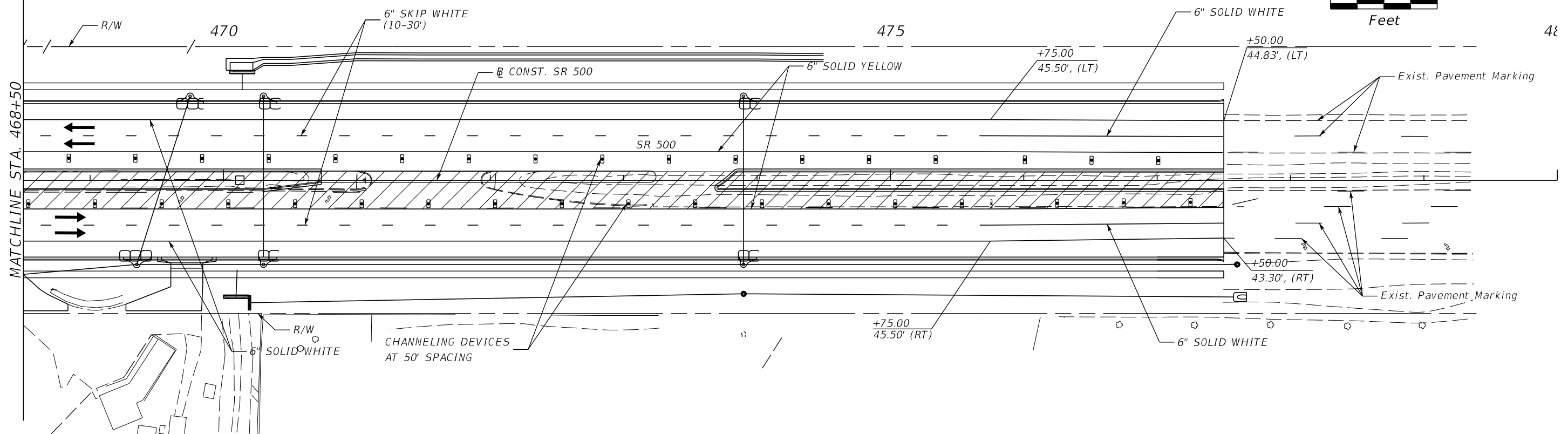
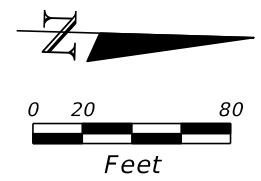
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- LEGEND:**
- CONSTRUCTION LIMITS
 - TEMPORARY PAVEMENT
 - CONST. INLET BOTTOM & CAP
 - INLET PROTECTOR
 - SILT FENCE
 - FLOATING TURBIDITY

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 3 PLANS - SR 500	SHEET NO. 512
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

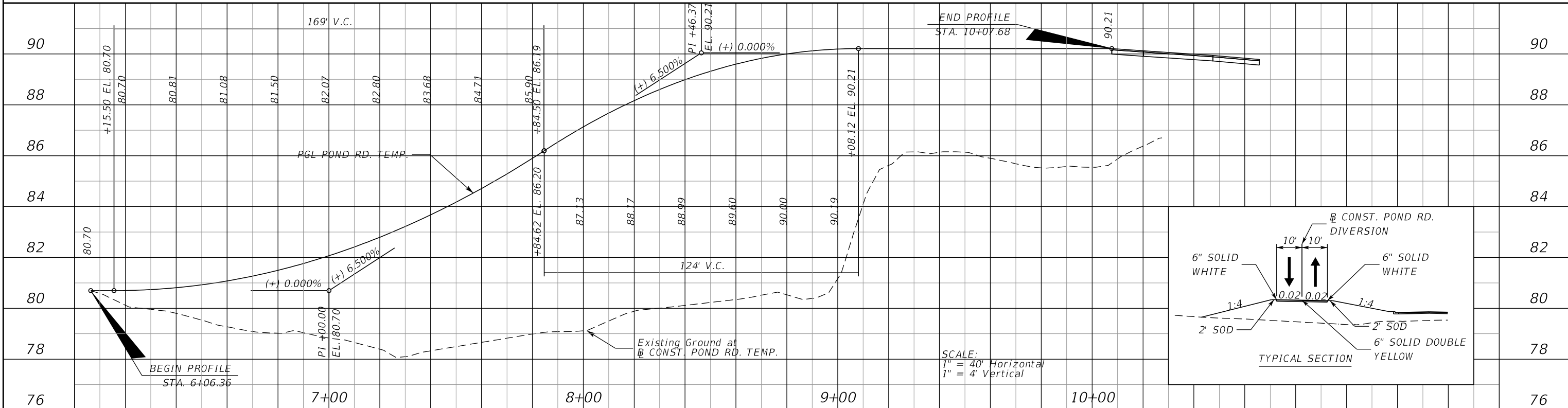
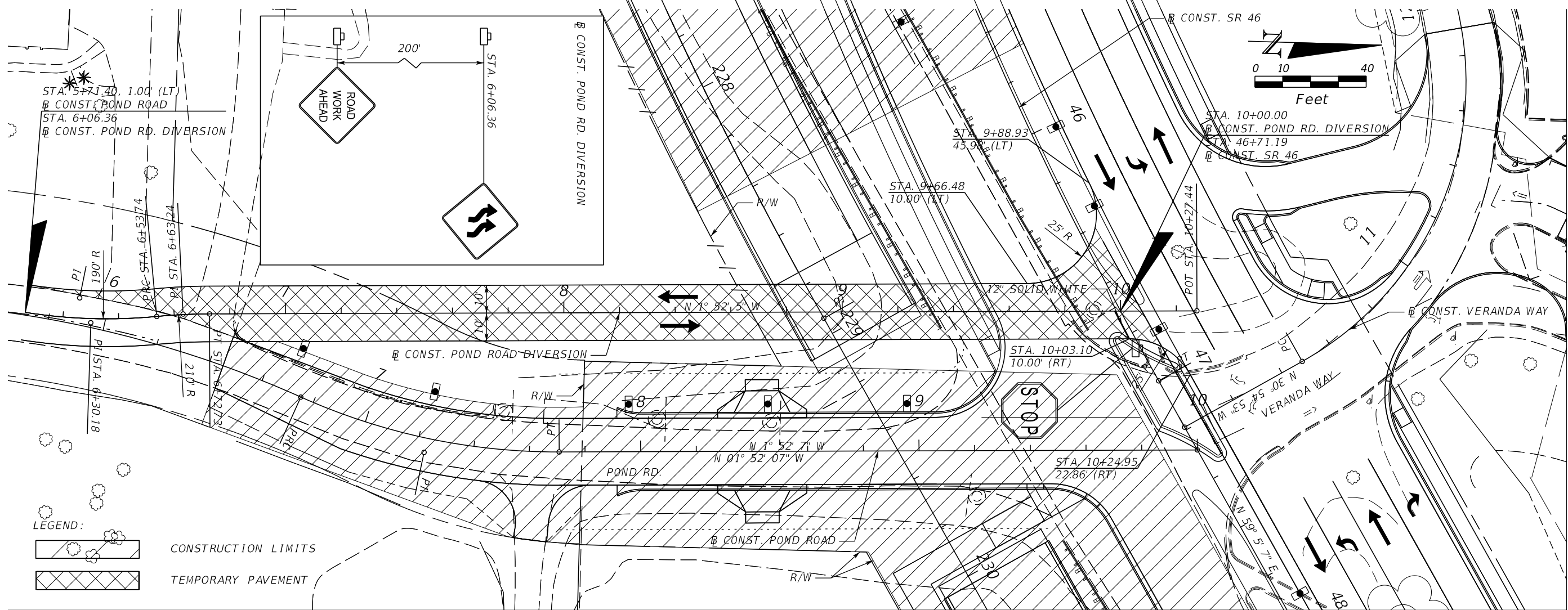
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- LEGEND:**
- CONSTRUCTION LIMITS
 - TEMPORARY PAVEMENT
 - CONST. INLET BOTTOM & CAP
 - INLET PROTECTOR
 - SILT FENCE
 - FLOATING TURBIDITY

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PHASE 3 PLANS - SR 500	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		513
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

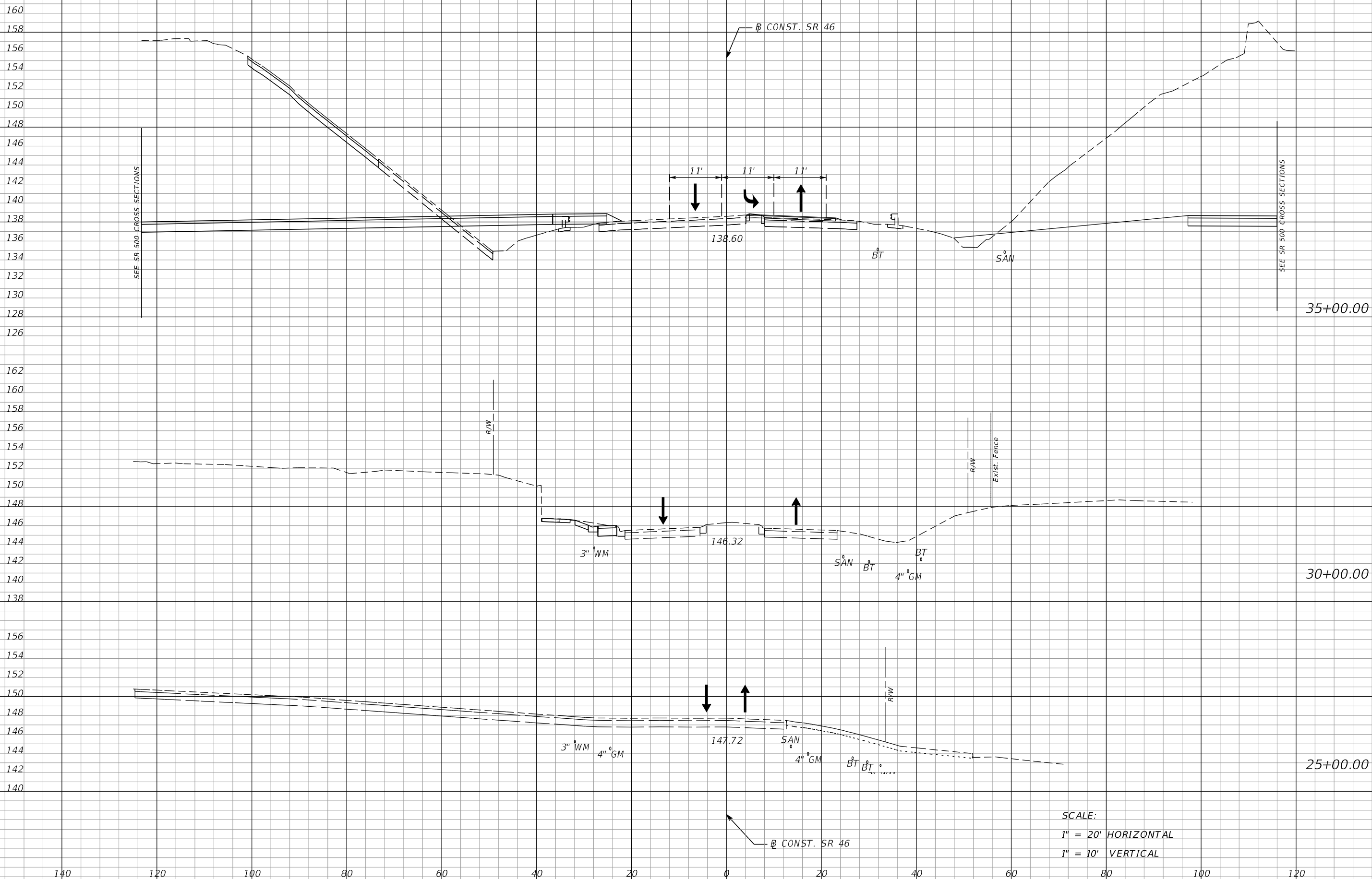
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**TEMP. TRAFFIC CONTROL
 PHASE 2 PLANS - POND RD.**

SHEET NO. 514

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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

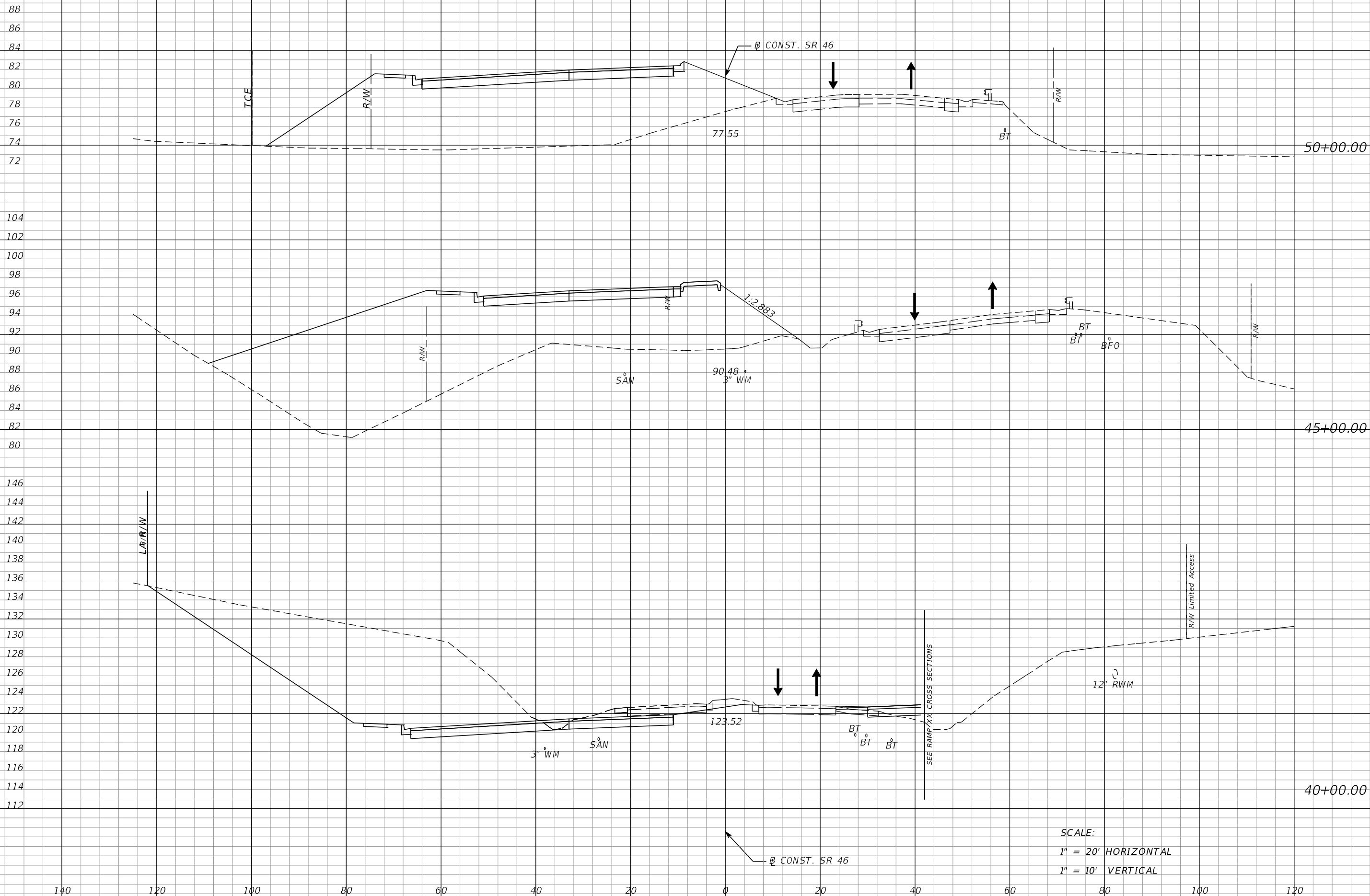
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1 - SR 46

SHEET NO.
 515

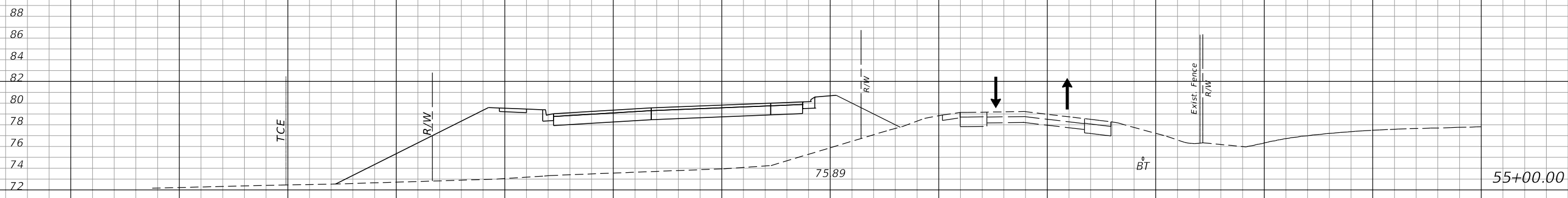
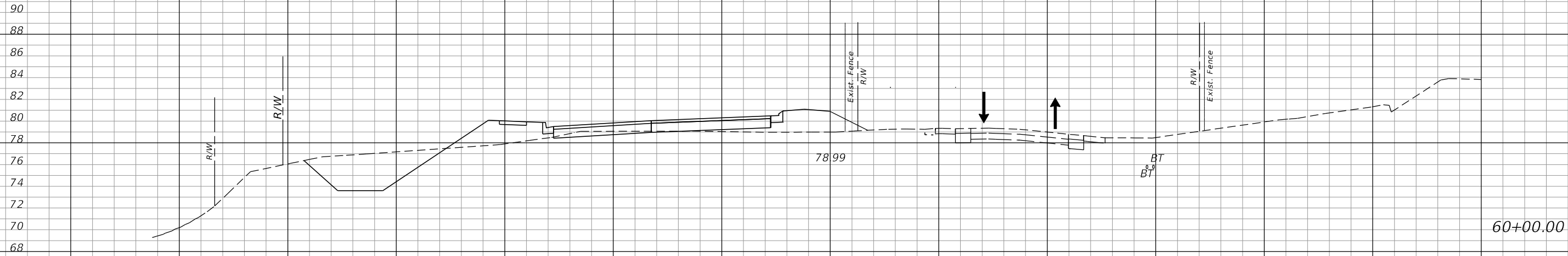
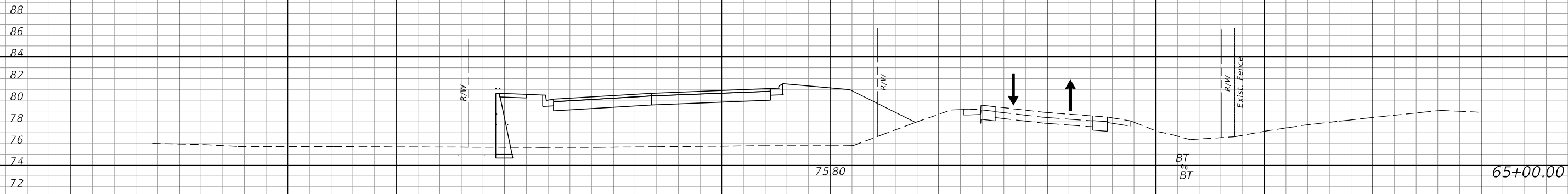
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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TTC CROSS SECTIONS PHASE 1 - SR 46	SHEET NO. 516
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

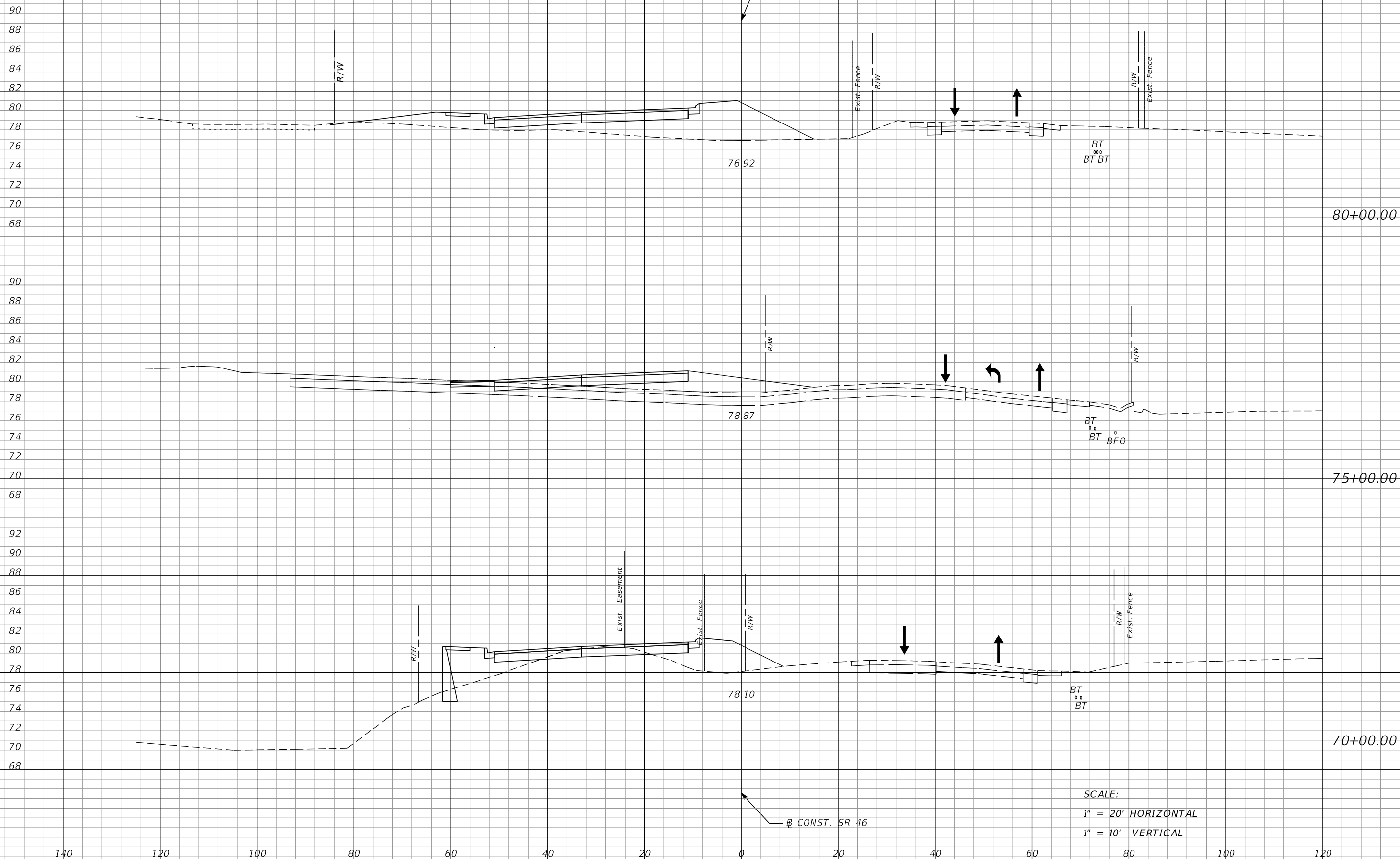
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1 - SR 46

SHEET NO.
 517

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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

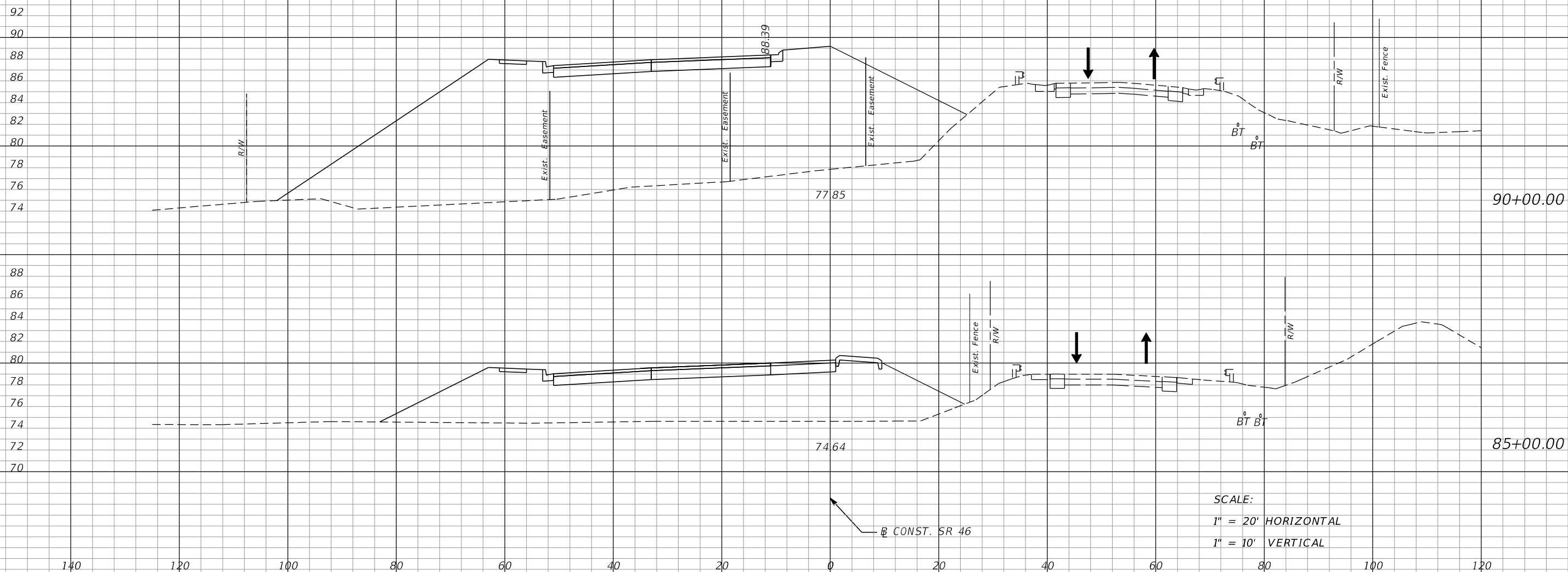
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1 -SR 46

SHEET NO.
 518

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1 - SR 46

SHEET NO.
 519

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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142
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80

100

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35+00.00

30+00.00

R/W

CONST. SR 46

123.52

3" WM

SAN

BT
BT
BT

SEE RAMP XX CROSS SECTIONS

138.60

BT

SAN

0.002

R/W

3" WM

146.32

CONST. SR 46

SAN

BT

BT

R/W

EXIST. FENCE

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

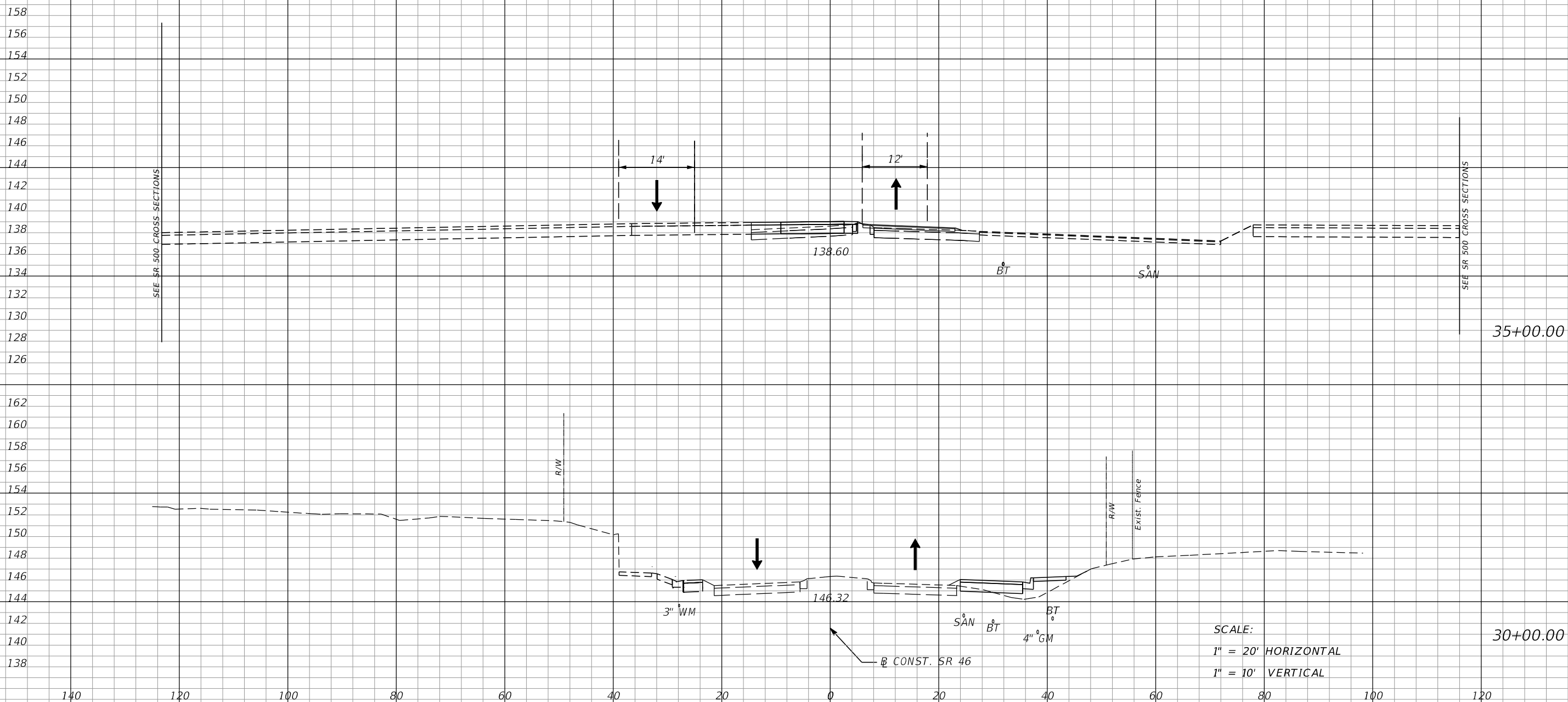
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1A - SR 46

SHEET NO.
520

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

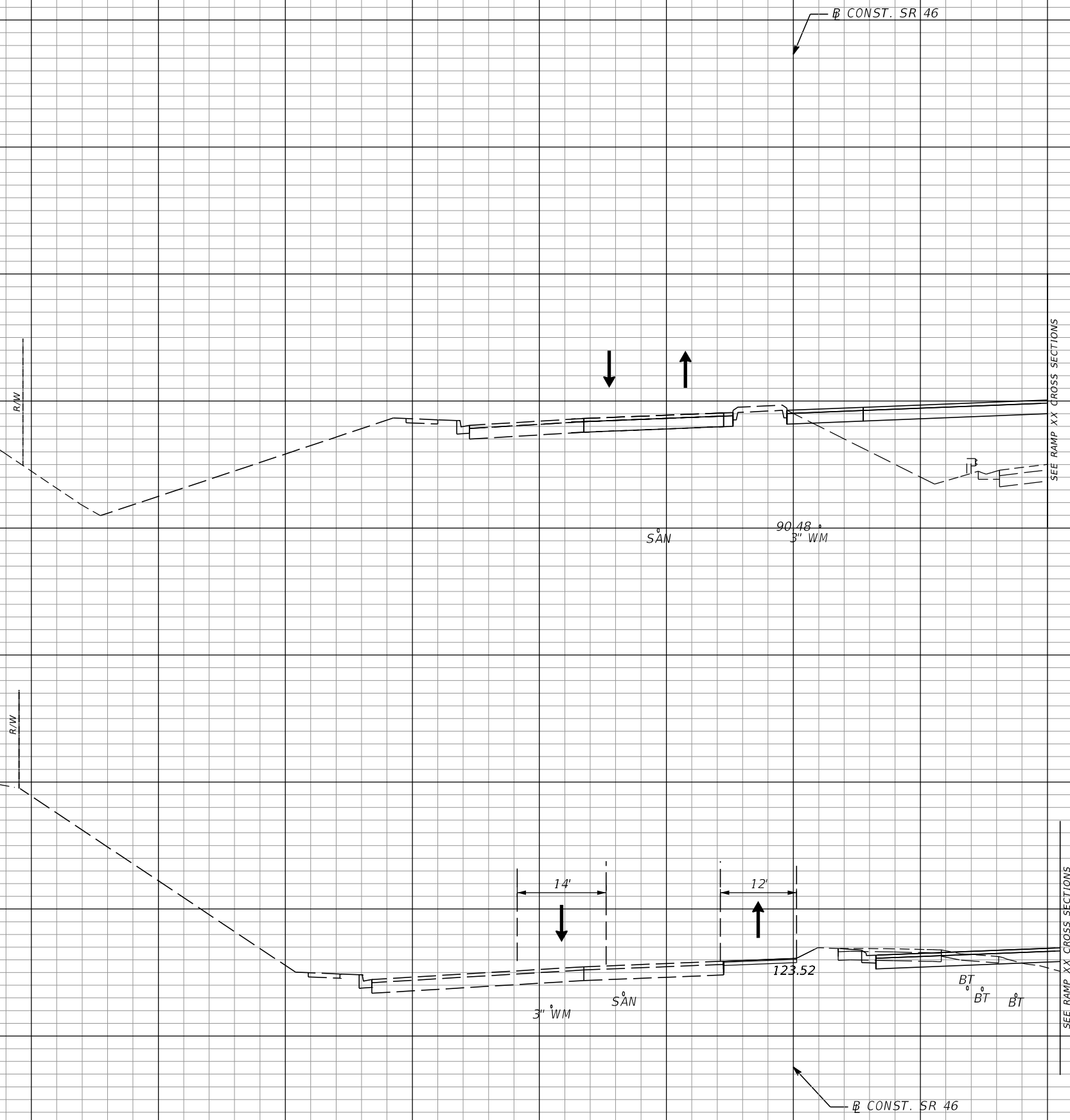
TTC CROSS SECTIONS
PHASE 2A - SR 46

SHEET NO.
521

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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112



45+00.00

40+00.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

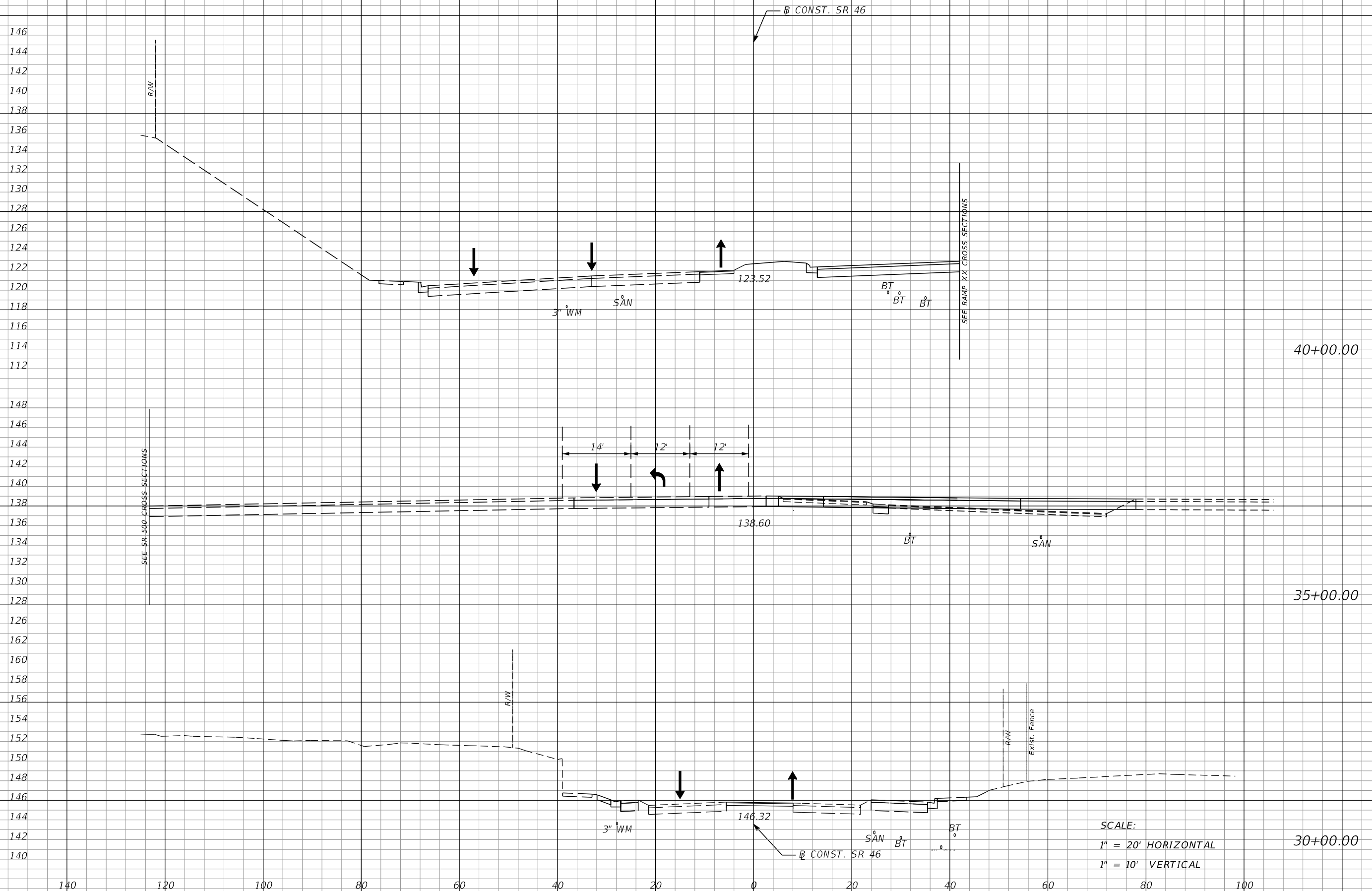
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2A - SR 46

SHEET NO.
522

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS	
DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

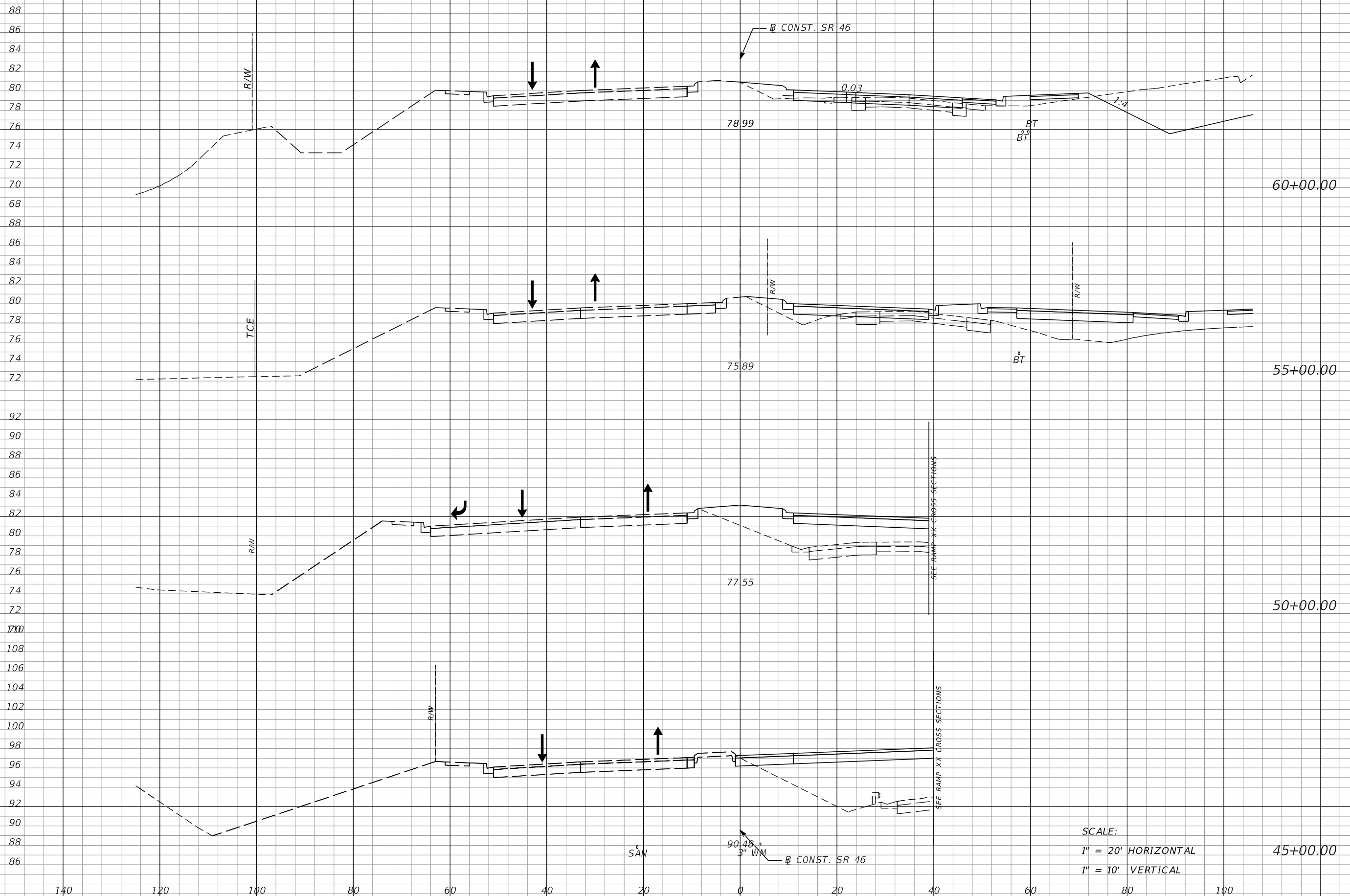
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2 - SR 46

SHEET NO.
 523

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

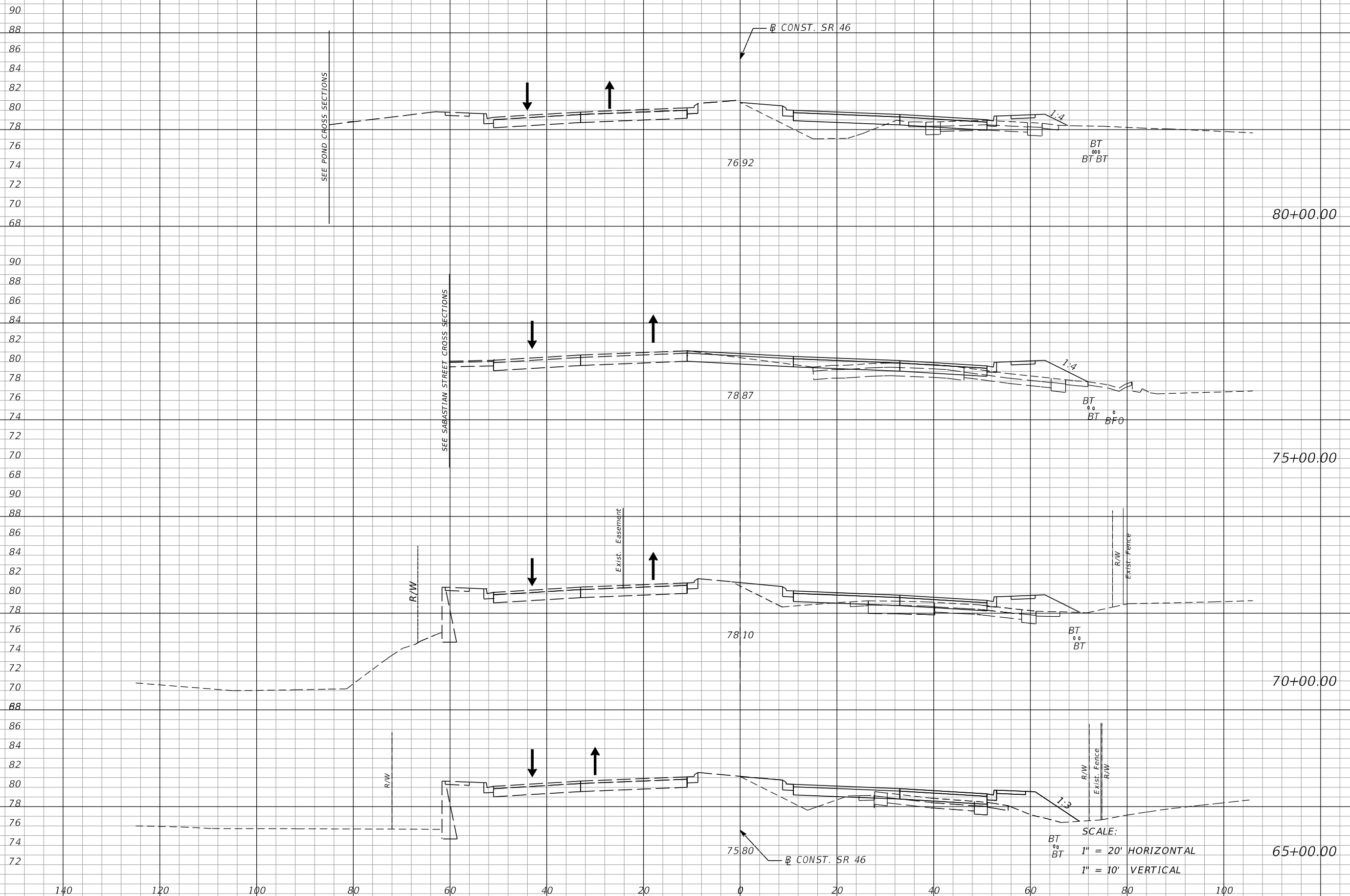
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2 - SR 46

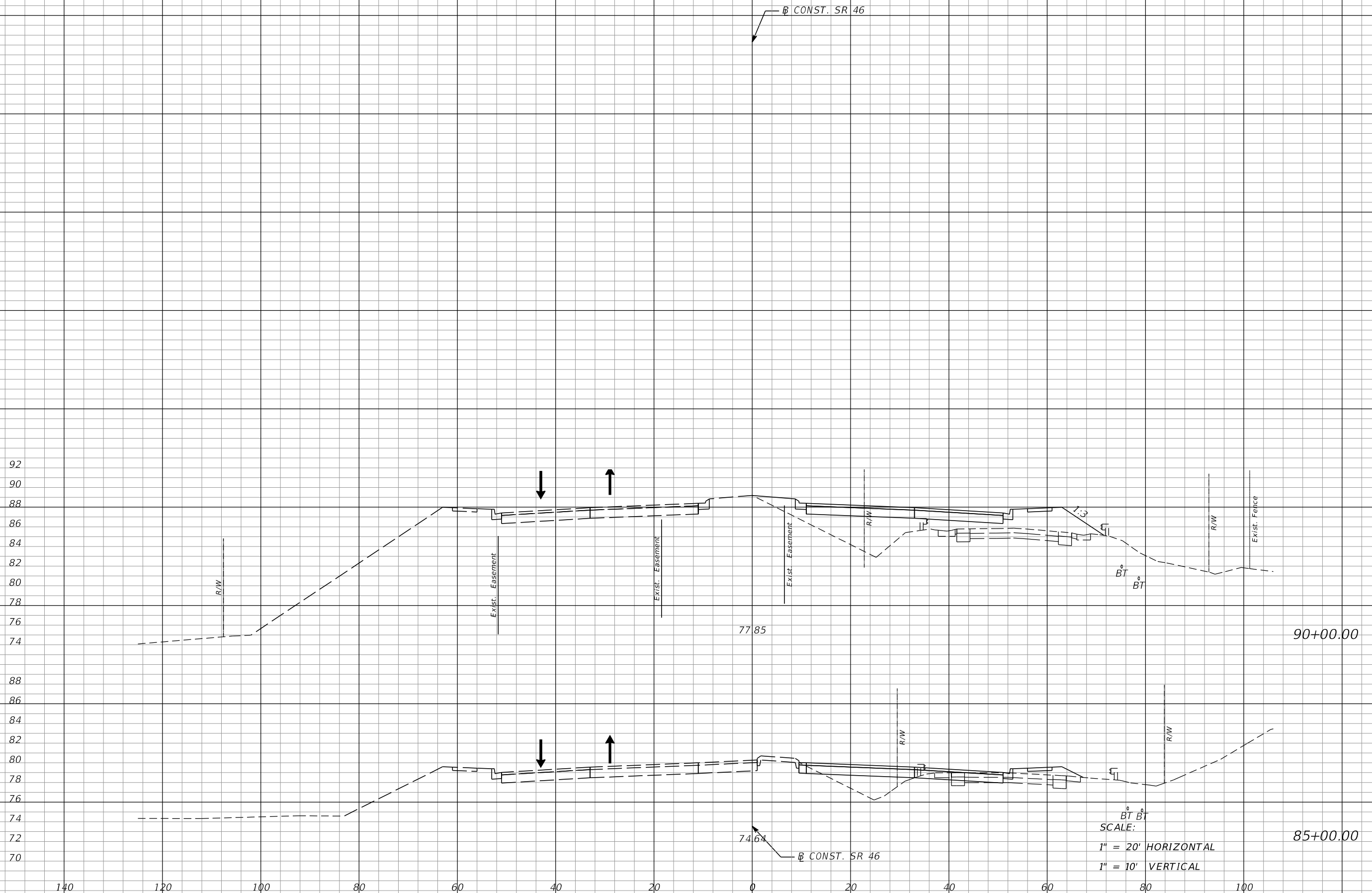
SHEET NO.
 524

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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TTC CROSS SECTIONS PHASE 2 - SR 46	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		525
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		



BT BT
SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

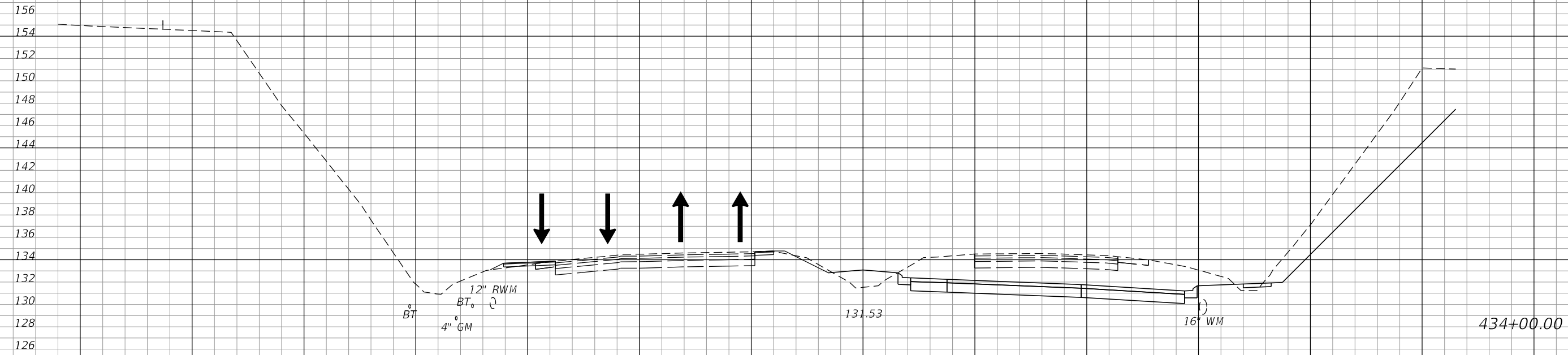
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2 - SR 46

SHEET NO.
526

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

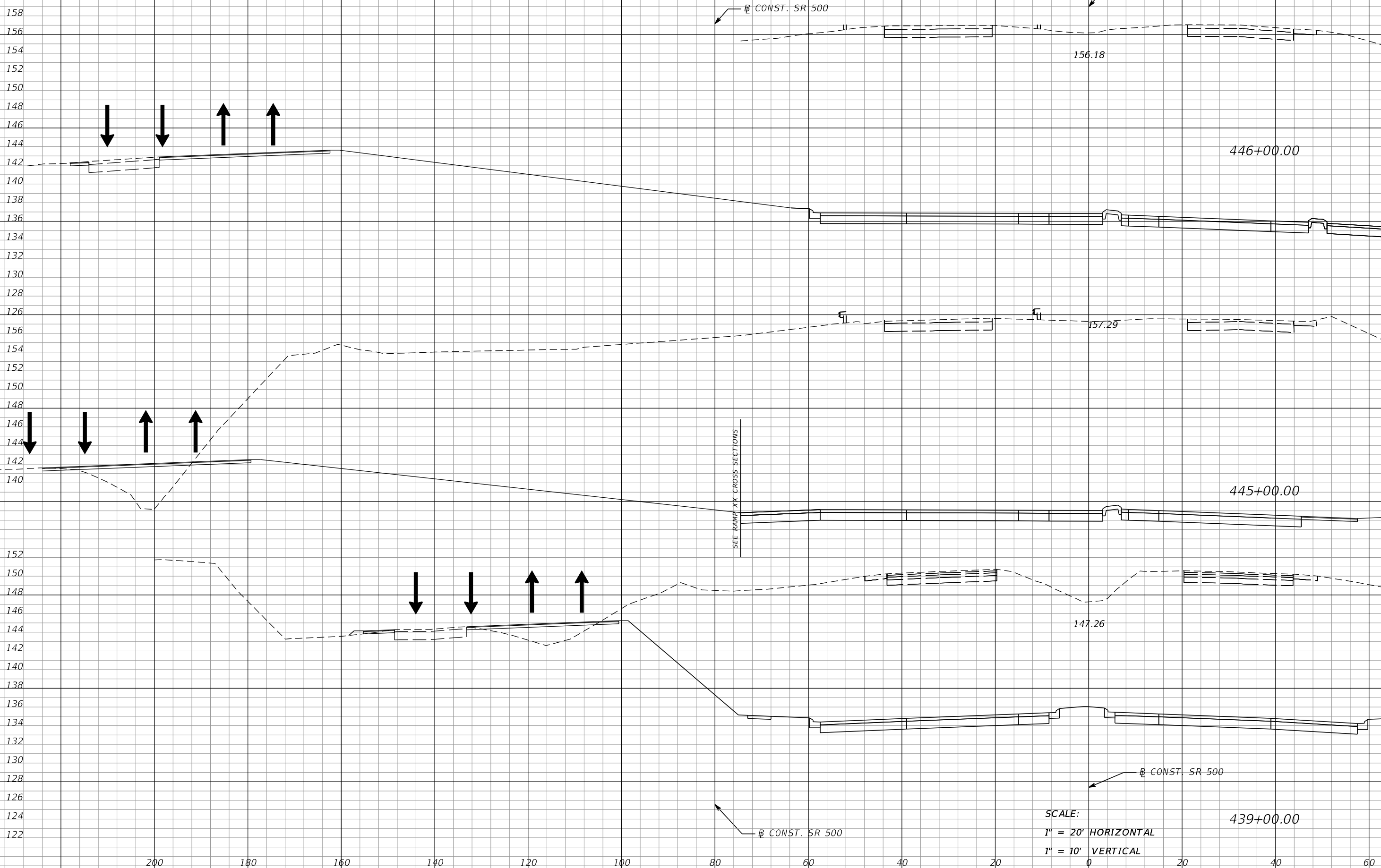
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1 - SR 500

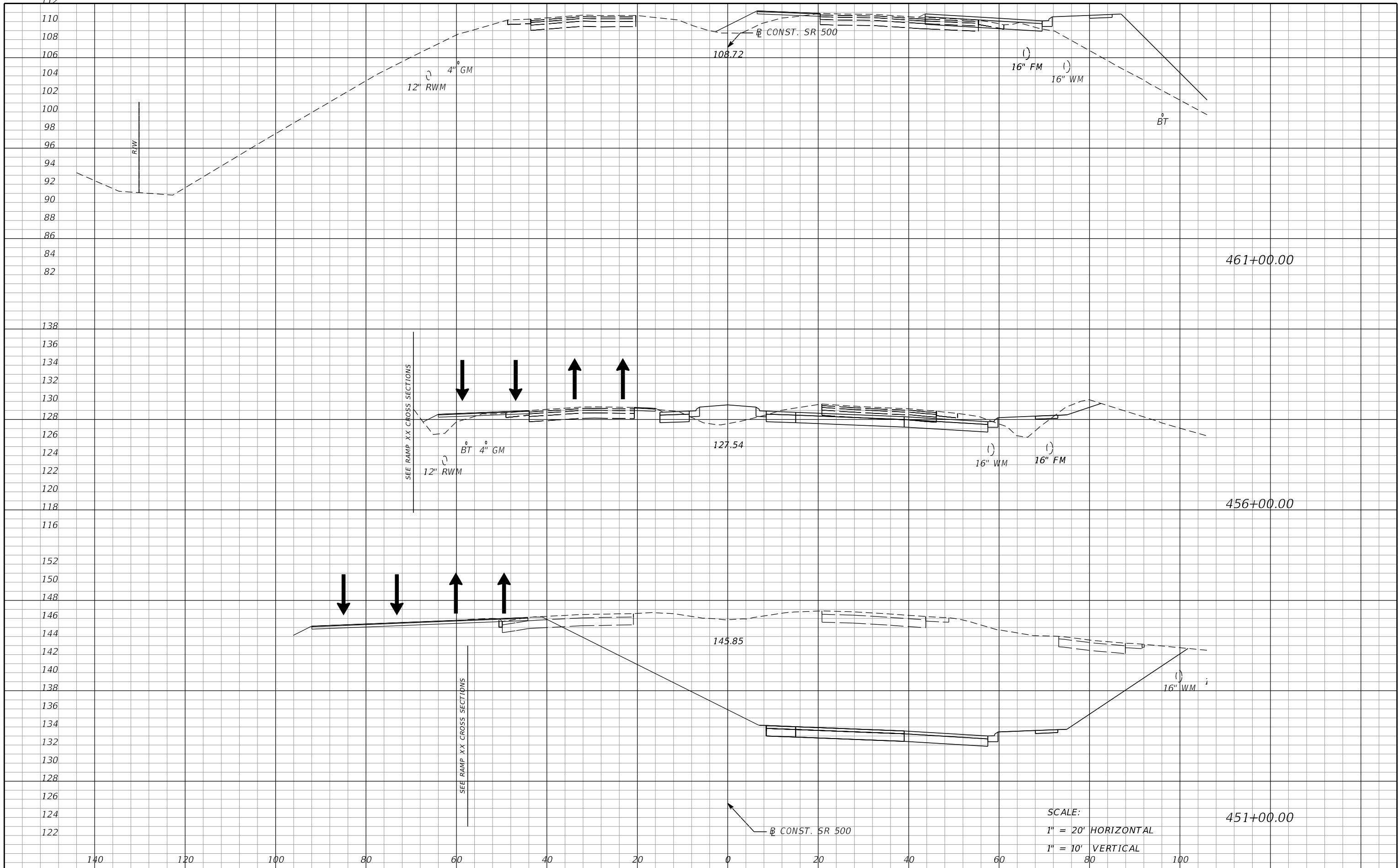
SHEET NO.
 527

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

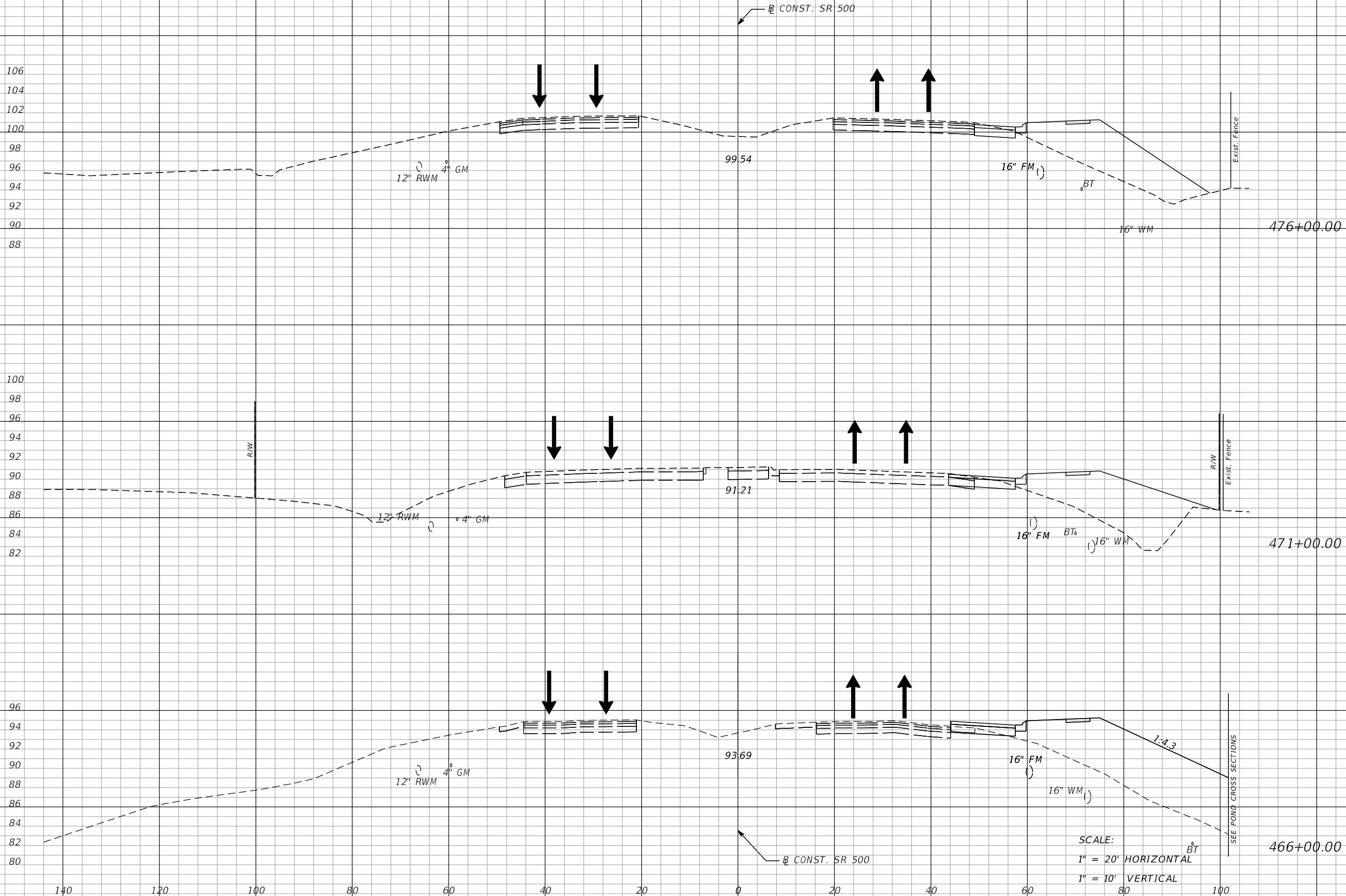
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TTC CROSS SECTIONS PHASE 1 - SR 500	SHEET NO. 528
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TTC CROSS SECTIONS PHASE 1 - SR 500	SHEET NO. 529
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

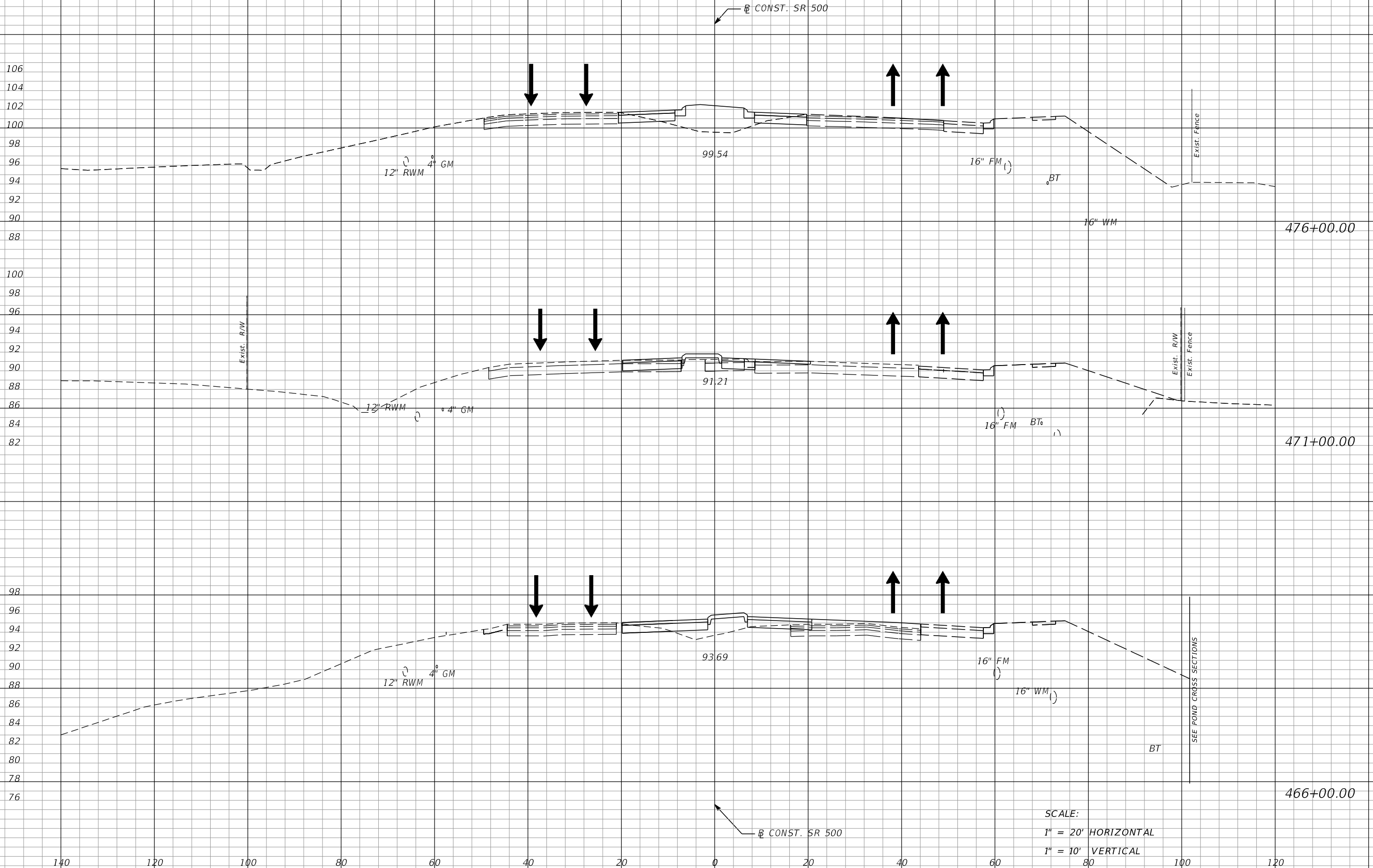
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 1 - SR 500

SHEET NO. 530

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

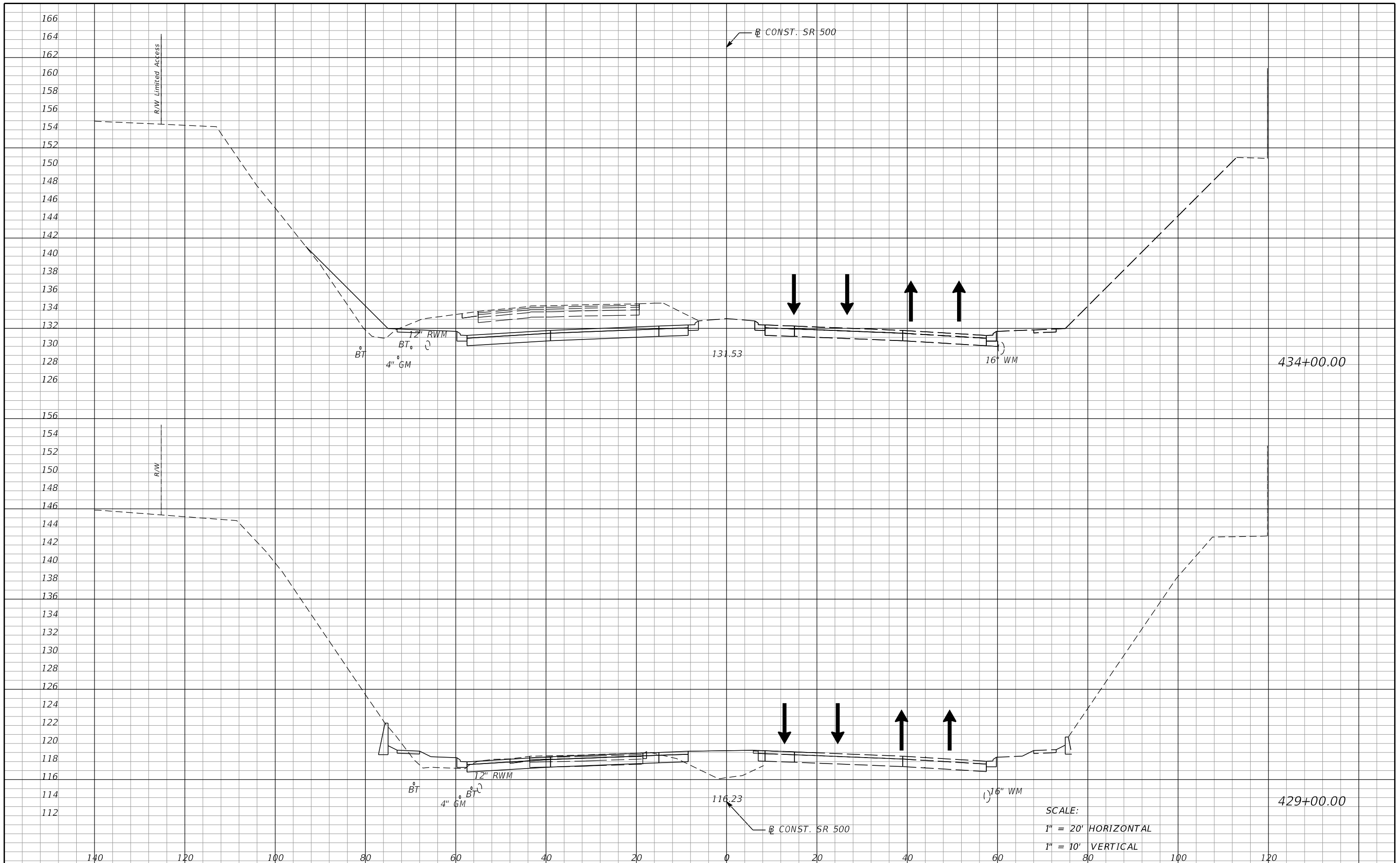
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2A - SR 500

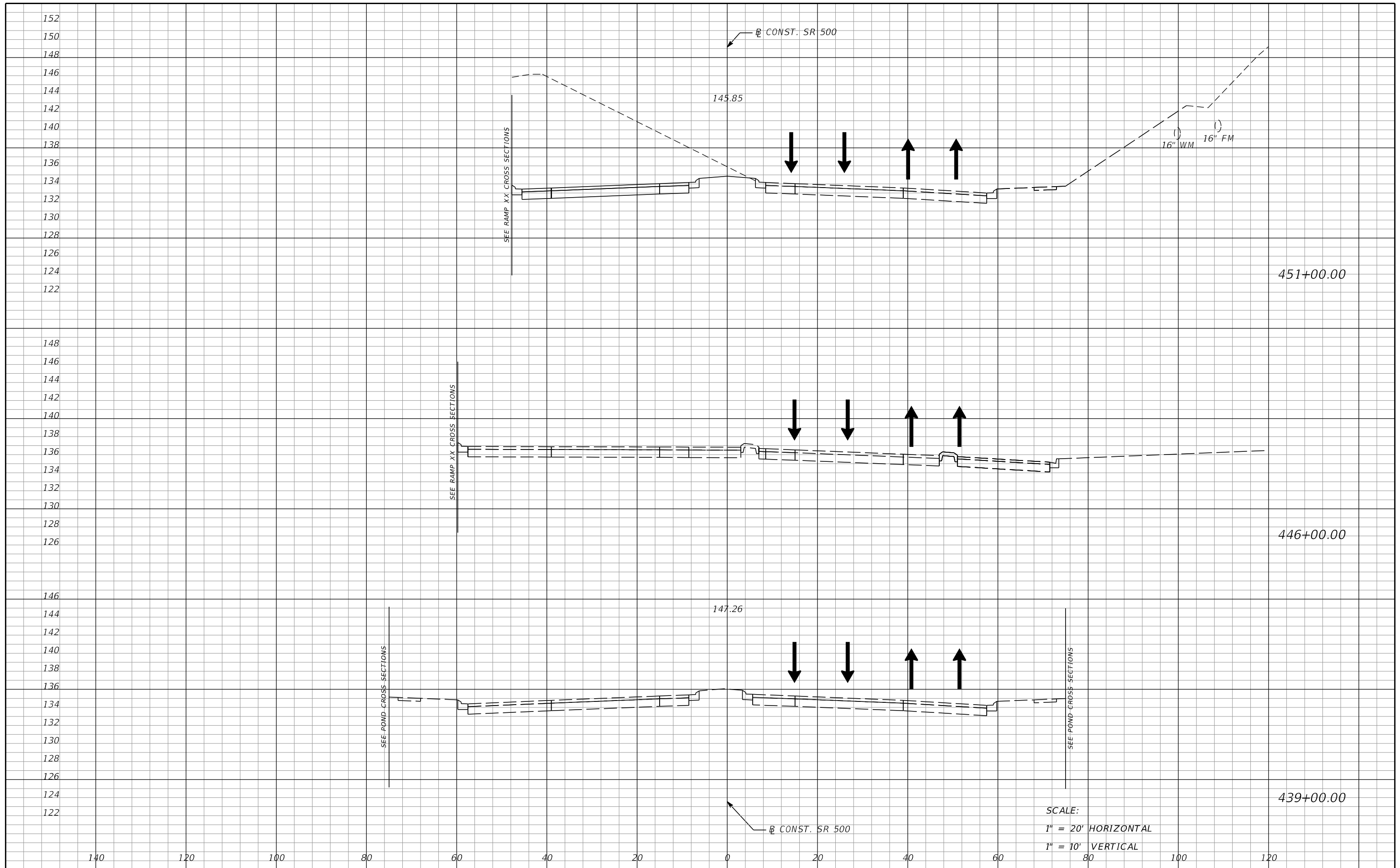
SHEET NO.
 531

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TTC CROSS SECTIONS PHASE 2 - SR 500	SHEET NO. 532
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

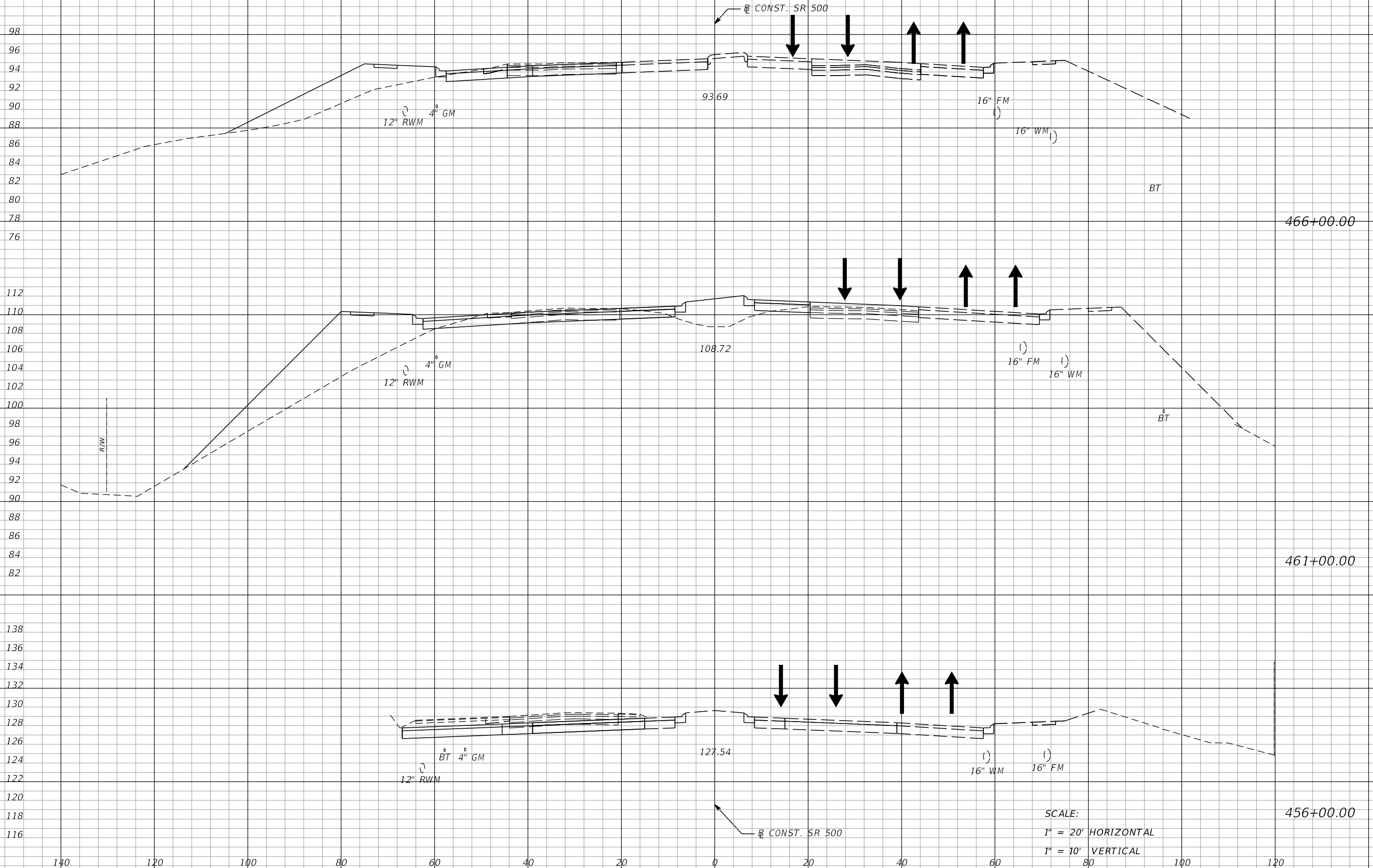
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**TTC CROSS SECTIONS
 PHASE 2 - SR 500**

SHEET NO.
 533

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

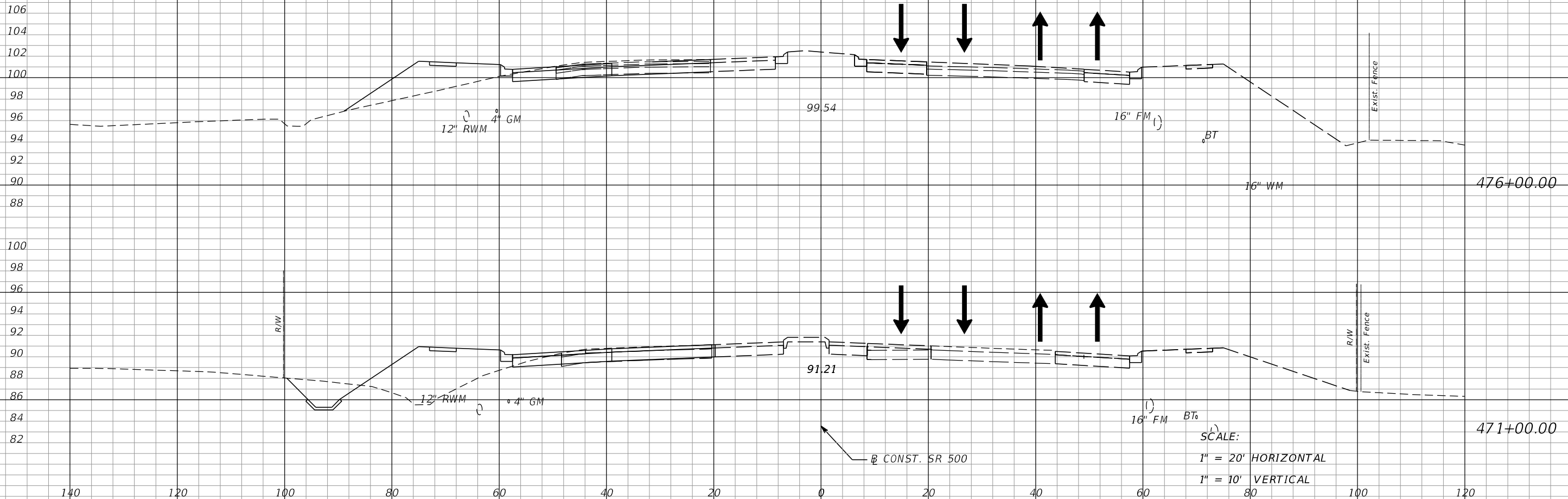
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
PHASE 2 - SR 500

SHEET NO.
 534

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONST. SR 500



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

**TTC CROSS SECTIONS
 PHASE 2 - SR 500**

SHEET NO.
 535

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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← ζ CONST. SR 500 DIVERSION

← ζ CONST. SR 500 DIVERSION

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

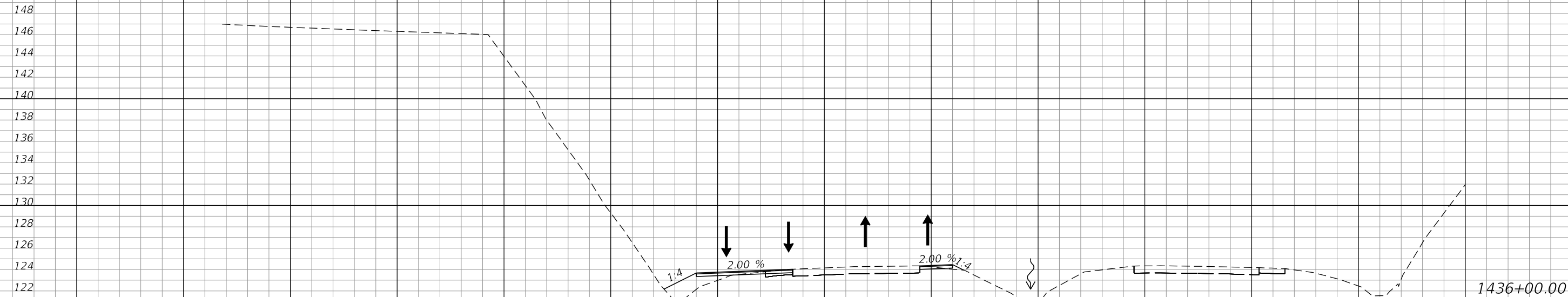
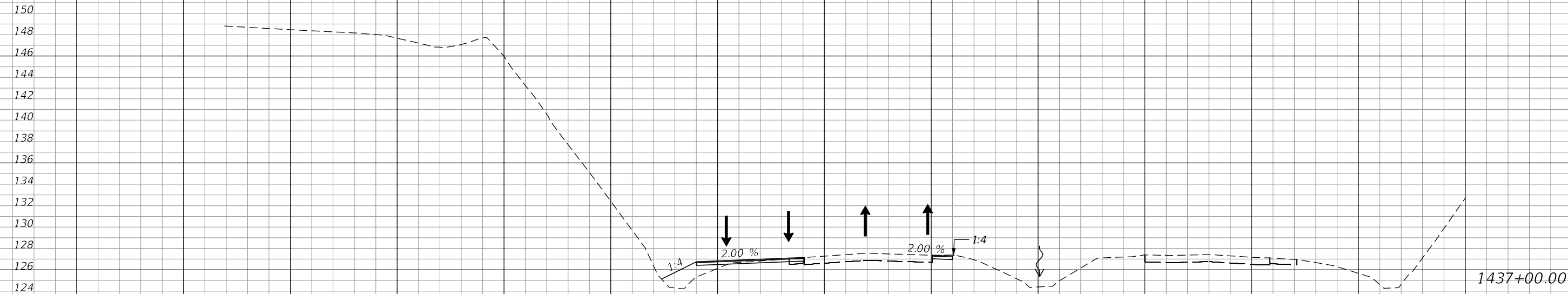
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
SR 500 TEMP.DIVERSION

SHEET NO.
536

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
SR 500 TEMP.DIVERSION

SHEET NO.
 537

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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← C CONST. SR 500 DIVERSION

← C CONST. SR 500 DIVERSION

1452+00.00

1447+00.00

1442+00.00

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

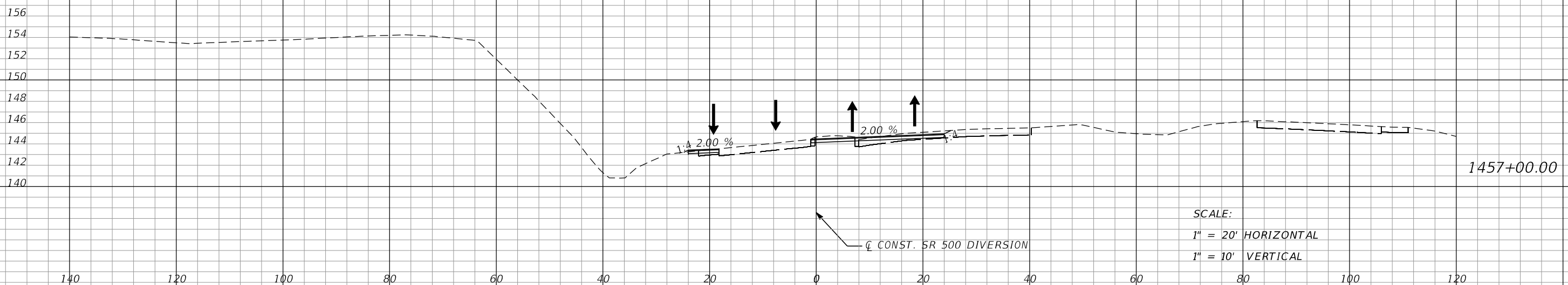
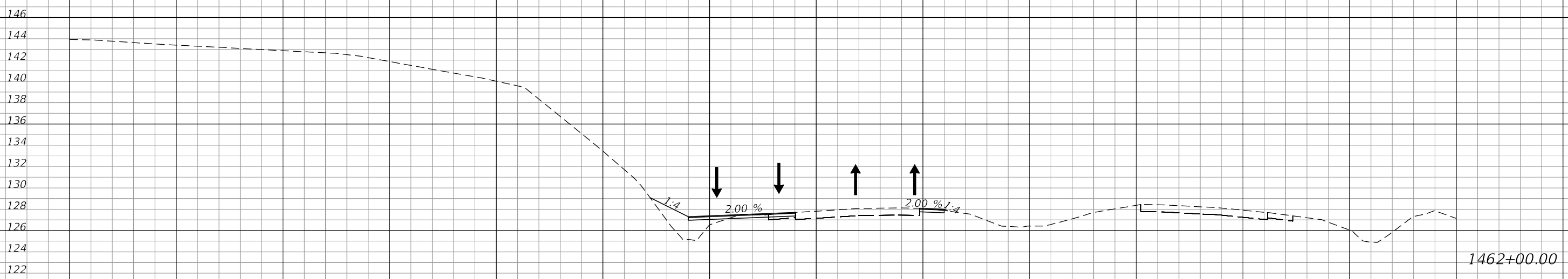
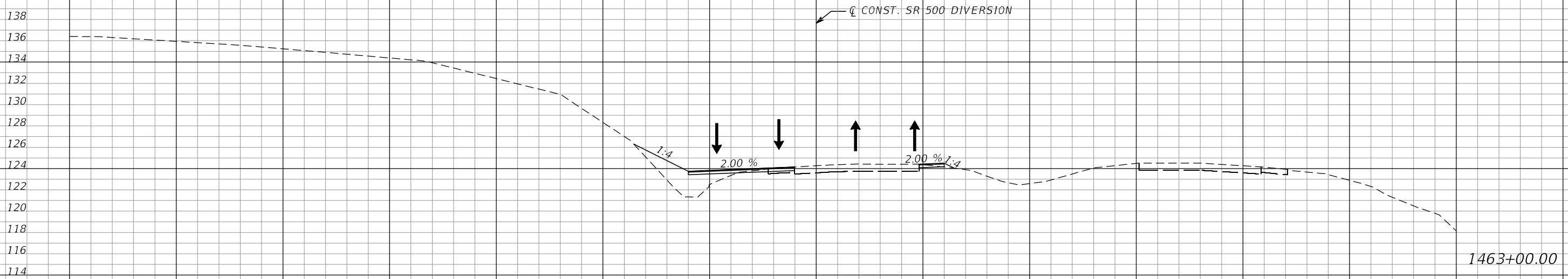
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

TTC CROSS SECTIONS
SR 500 TEMP.DIVERSION

SHEET NO.
538

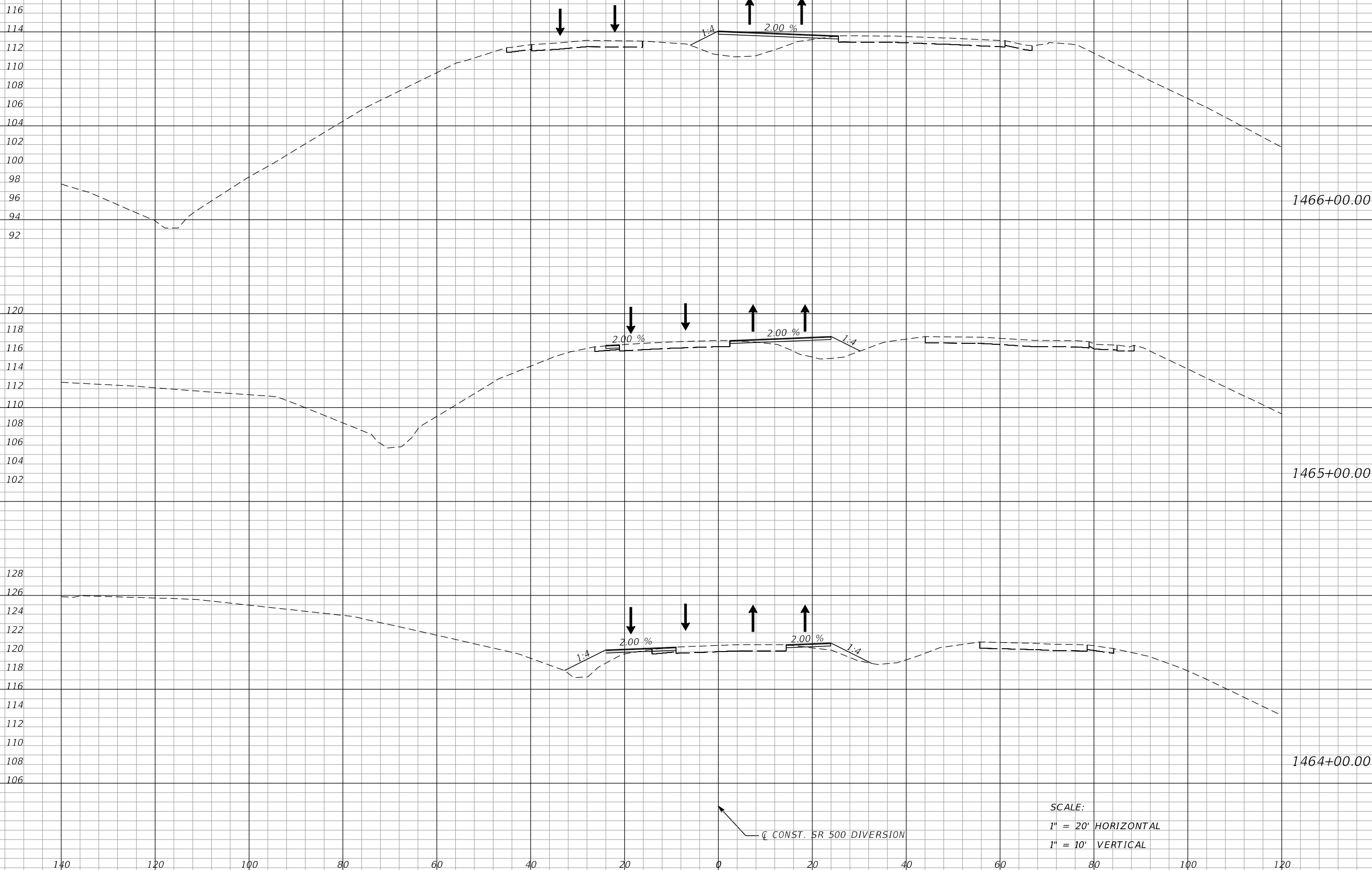
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TTC CROSS SECTIONS SR 500 TEMP. DIVERSION	SHEET NO. 539
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

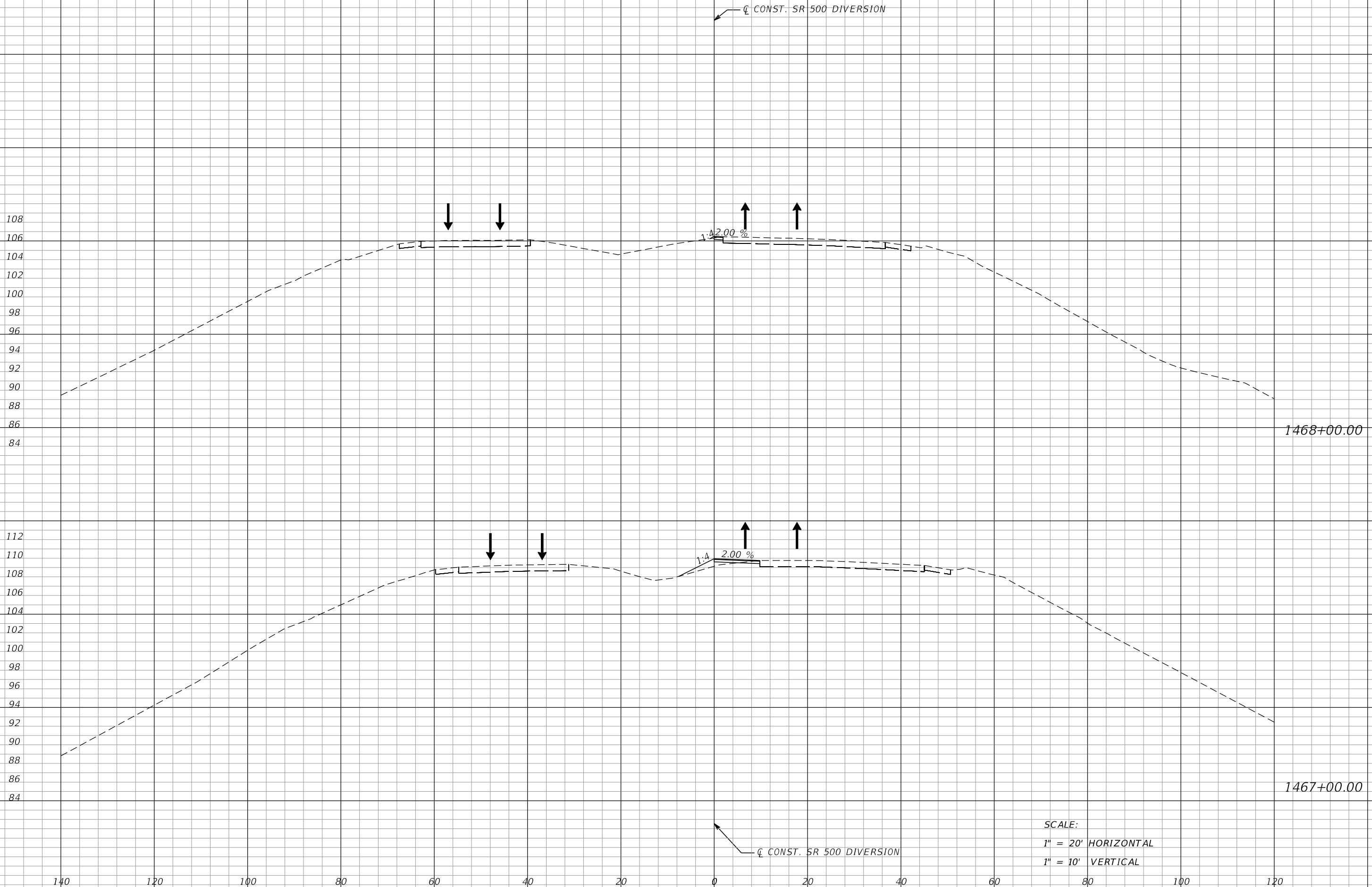
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TTC CROSS SECTIONS SR 500 TEMP.DIVERSION	SHEET NO. 540
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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← ζ CONST. SR 500 DIVERSION

1:4 2.00%

1:4 2.00%

← ζ CONST. SR 500 DIVERSION

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

1468+00.00

1467+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

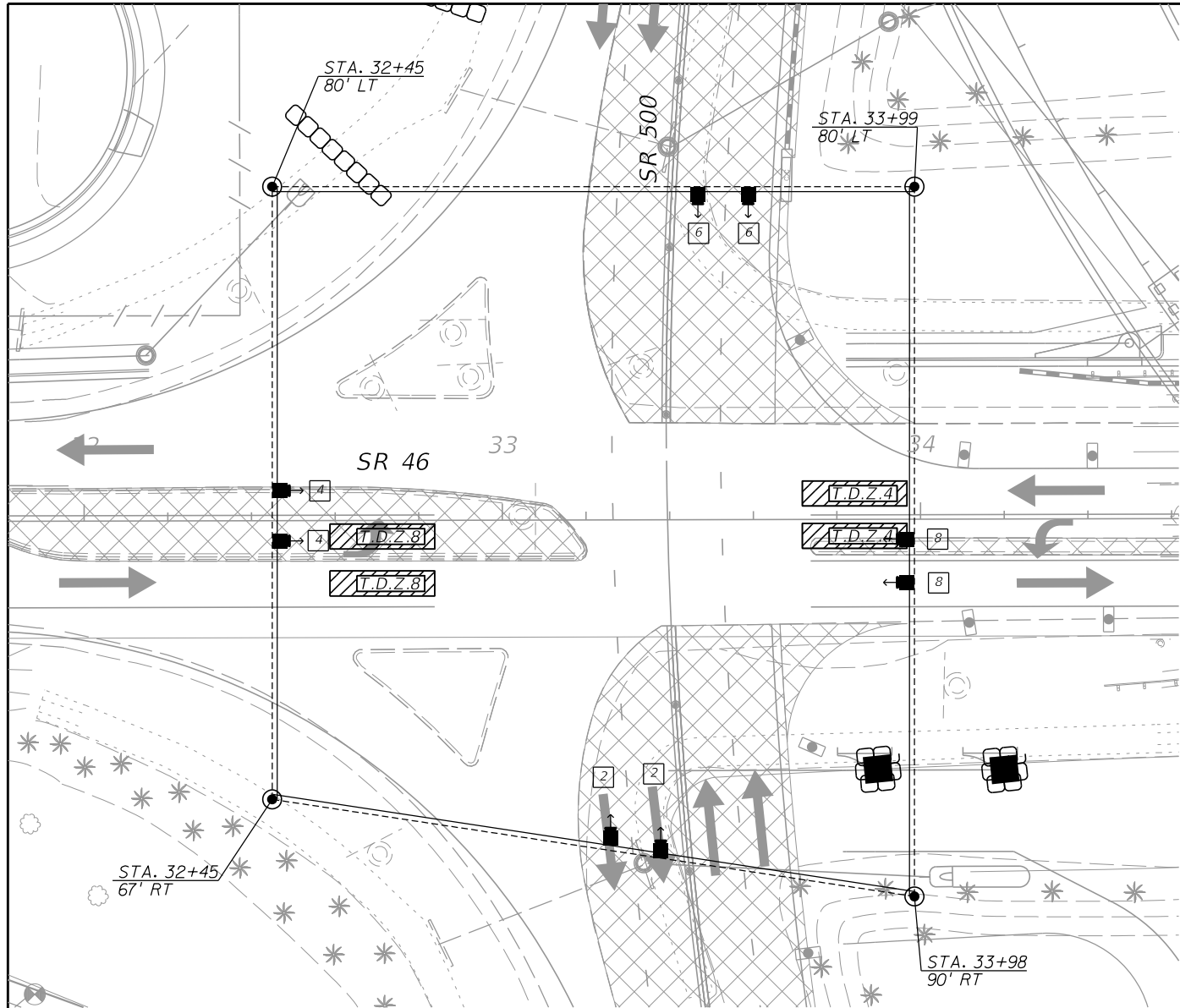
ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

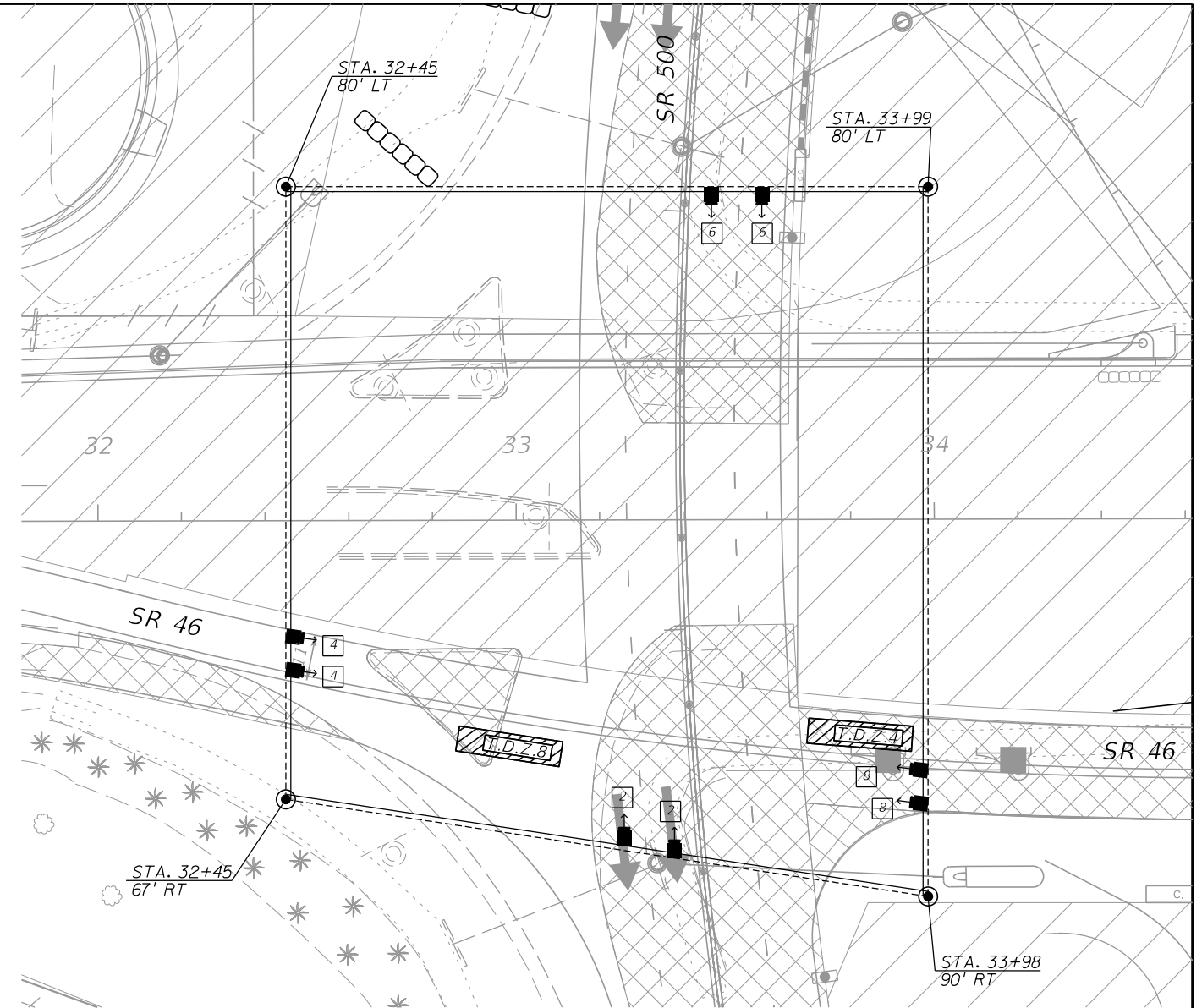
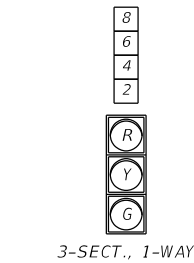
TTC CROSS SECTIONS
SR 500 TEMP. DIVERSION

SHEET NO.
541

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PHASE 1 SIGNAL HEAD CONFIGURATION



PHASE 1A SIGNAL HEAD CONFIGURATION

GENERAL NOTES AND CONTROLLER OPERATION NOTES:

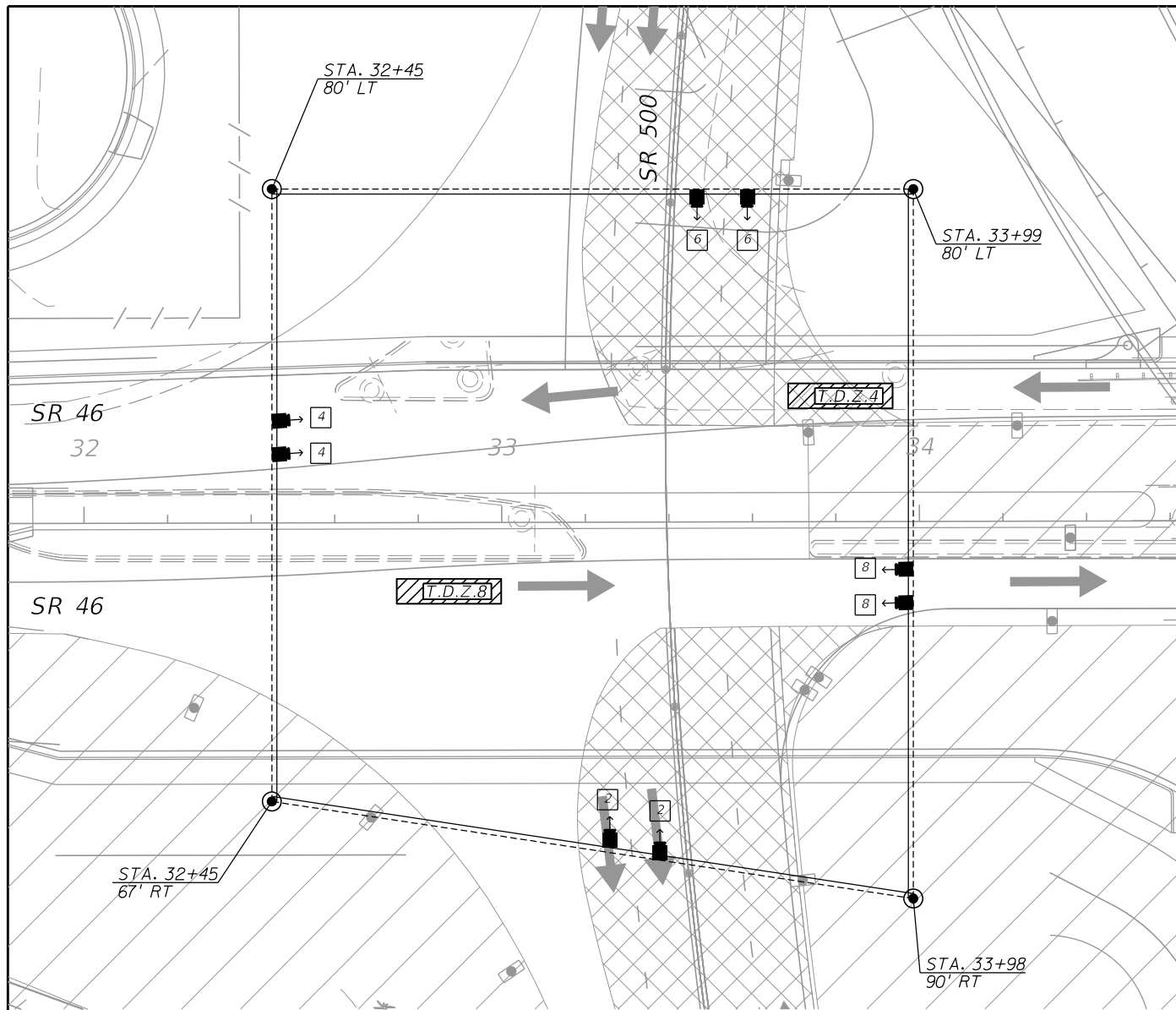
1. THE CONTRACTOR SHALL CONTACT THE LOCAL ELECTRIC UTILITY (CITY OF MOUNT DORA) FOR ELECTRICAL SERVICE.
2. SIGNAL HEADS ARE TO BE ADJUSTED ACCORDING TO LANE ALIGNMENT.
3. APPROPRIATE DETECTION METHOD SHALL BE MAINTAINED AT ALL TIMES. ALL LOOP DETECTORS/DIGITAL DETECTION ZONES SHALL BE 6' X 25' LOCATED 2' UPSTREAM OF THE STOP BAR.
4. DURING TEMPORARY SIGNAL CONFIGURATION, THE TEMPORARY CONTROLLER SHALL RUN IN FREE OPERATION, UNLESS OTHERWISE NOTED BUT THE ENGINEER.
5. MAJOR STREET IS SR 500, MOVEMENTS 2 AND 6. MINOR STREET IS SR 46, MOVEMENTS 4 AND 8.

LEGEND:

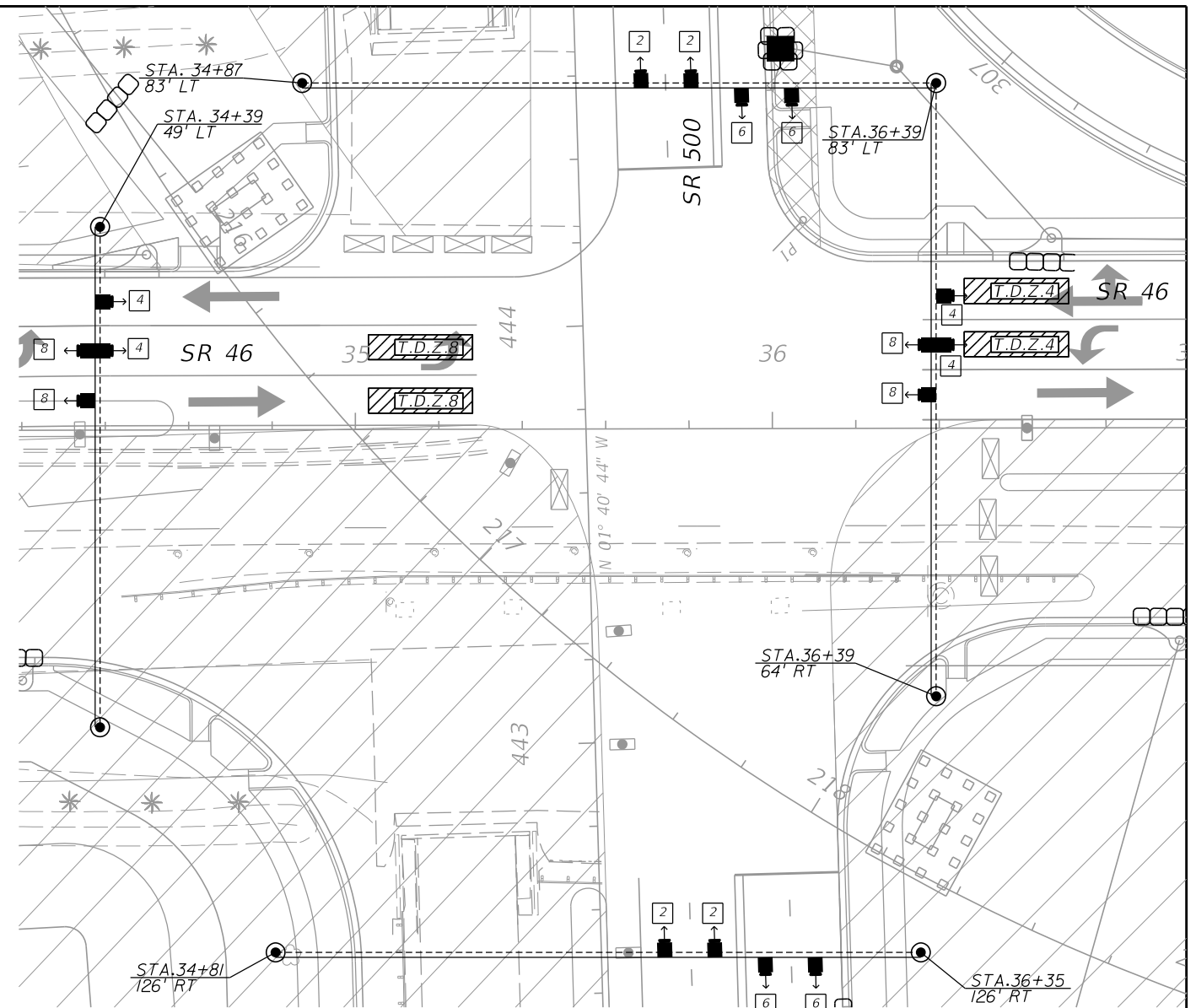
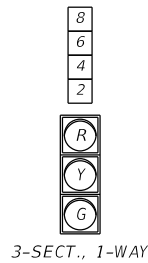
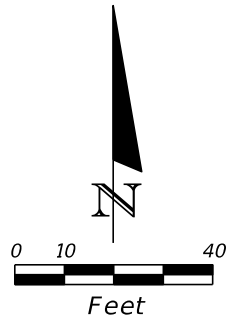
T.D.Z. = TEMPORARY DETECTION ZONE (AS OUTLINED IN SPECIFICATION SECTION 102-9.13)

CONTROLLER TIMINGS				
TIMING FUNCTION				
MOVEMENT NUMBER	2	4	6	8
MINIMUM GREEN	16	6	16	6
EXTENSION	3.0	3.0	3.0	3.0
MAXIMUM GREEN 1	50	41	50	42
MAXIMUM GREEN 2				
YELLOW CLEARANCE	5.1	4.8	5.1	4.8
ALL RED	2.7	3.4	2.7	3.4
PEDESTRIAN WALK				
PED. CLEARANCE				
RECALL	MIN		MIN	

REVISIONS				SCOTT G. HORLANDER, P.E. P.E. NO. 46624 PROTEAN DESIGN GROUP 100 EAST PINE STREET, SUITE 600 ORLANDO FLORIDA 32801 CERTIFICATE OF AUTHORIZATION NUMBER 7865	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL TEMPORARY SIGNALIZATION	SHEET NO. 542
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		



PHASE 2A SIGNAL HEAD CONFIGURATION



PHASE 2 SIGNAL HEAD CONFIGURATION

GENERAL NOTES AND CONTROLLER OPERATION NOTES:

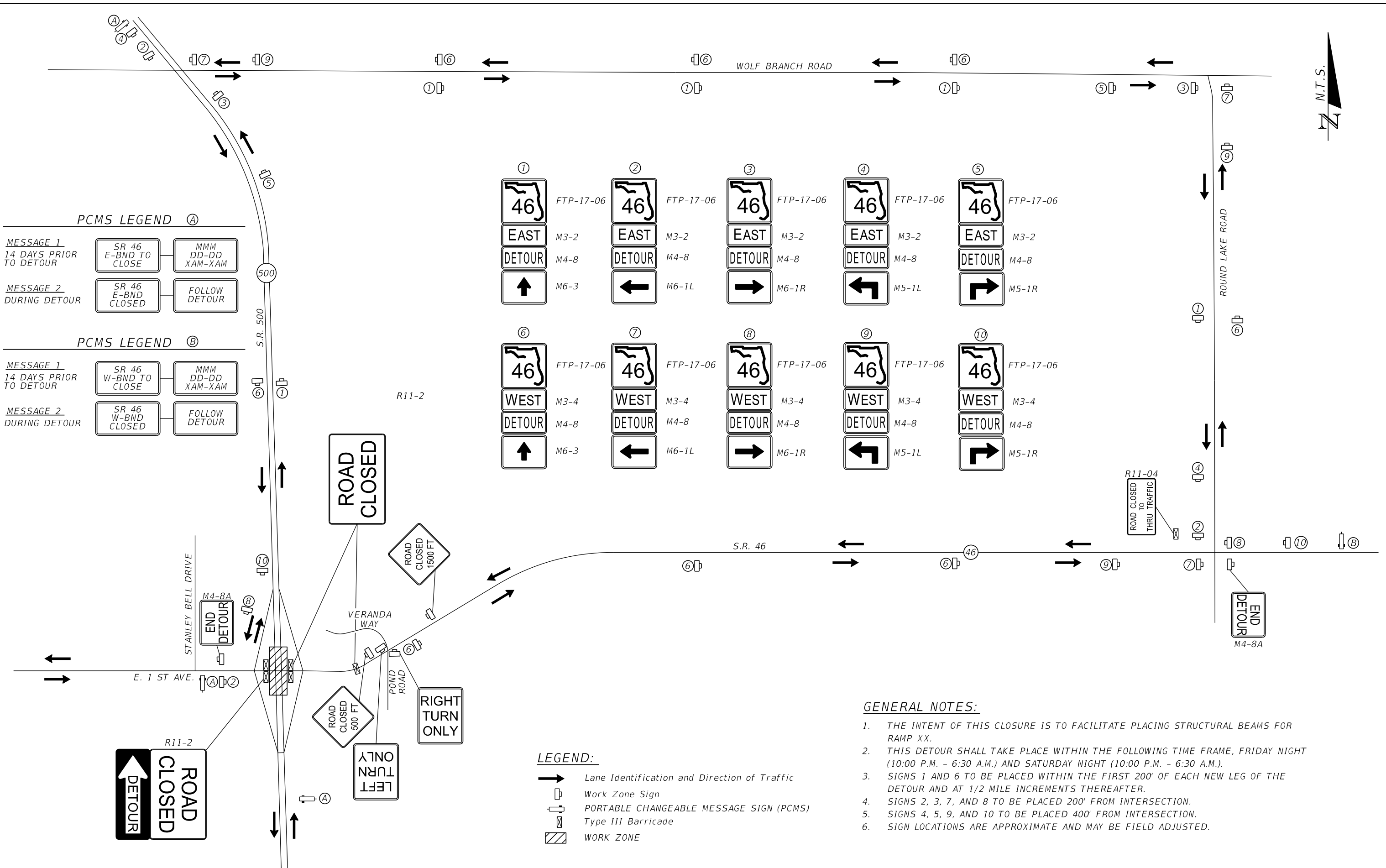
1. THE CONTRACTOR SHALL CONTACT THE LOCAL ELECTRIC UTILITY (CITY OF MOUNT DORA) FOR ELECTRICAL SERVICE.
2. SIGNAL HEADS ARE TO BE ADJUSTED ACCORDING TO LANE ALIGNMENT.
3. APPROPRIATE DETECTION METHOD SHALL BE MAINTAINED AT ALL TIMES. ALL LOOP DETECTORS/DIGITAL DETECTION ZONES SHALL BE 6' X 25' LOCATED 2' UPSTREAM OF THE STOP BAR.
4. DURING TEMPORARY SIGNAL CONFIGURATION, THE TEMPORARY CONTROLLER SHALL RUN IN FREE OPERATION, UNLESS OTHERWISE NOTED BUT THE ENGINEER.
5. MAJOR STREET IS SR 500, MOVEMENTS 2 AND 6. MINOR STREET IS SR 46, MOVEMENTS 4 AND 8.

LEGEND:

T.D.Z. = TEMPORARY DETECTION ZONE (AS OUTLINED IN SPECIFICATION SECTION 102-9.13)

CONTROLLER TIMINGS				
TIMING FUNCTION				
MOVEMENT NUMBER	2	4	6	8
MINIMUM GREEN	16	6	16	6
EXTENSION	3.0	3.0	3.0	3.0
MAXIMUM GREEN 1	50	41	50	42
MAXIMUM GREEN 2				
YELLOW CLEARANCE	5.1	4.8	5.1	4.8
ALL RED	2.7	3.4	2.7	3.4
PEDESTRIAN WALK				
PED. CLEARANCE				
RECALL	MIN		MIN	

REVISIONS				SCOTT G. HORLANDER, P.E. P.E. NO. 46624 PROTEAN DESIGN GROUP 100 EAST PINE STREET, SUITE 600 ORLANDO FLORIDA 32801 CERTIFICATE OF AUTHORIZATION NUMBER 7865	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL TEMPORARY SIGNALIZATION	SHEET NO. 543
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		



PCMS LEGEND (A)

MESSAGE 1
14 DAYS PRIOR TO DETOUR

SR 46 E-BND TO CLOSE MMM DD-DD XAM-XAM

MESSAGE 2
DURING DETOUR

SR 46 E-BND CLOSED FOLLOW DETOUR

PCMS LEGEND (B)

MESSAGE 1
14 DAYS PRIOR TO DETOUR

SR 46 W-BND TO CLOSE MMM DD-DD XAM-XAM

MESSAGE 2
DURING DETOUR

SR 46 W-BND CLOSED FOLLOW DETOUR

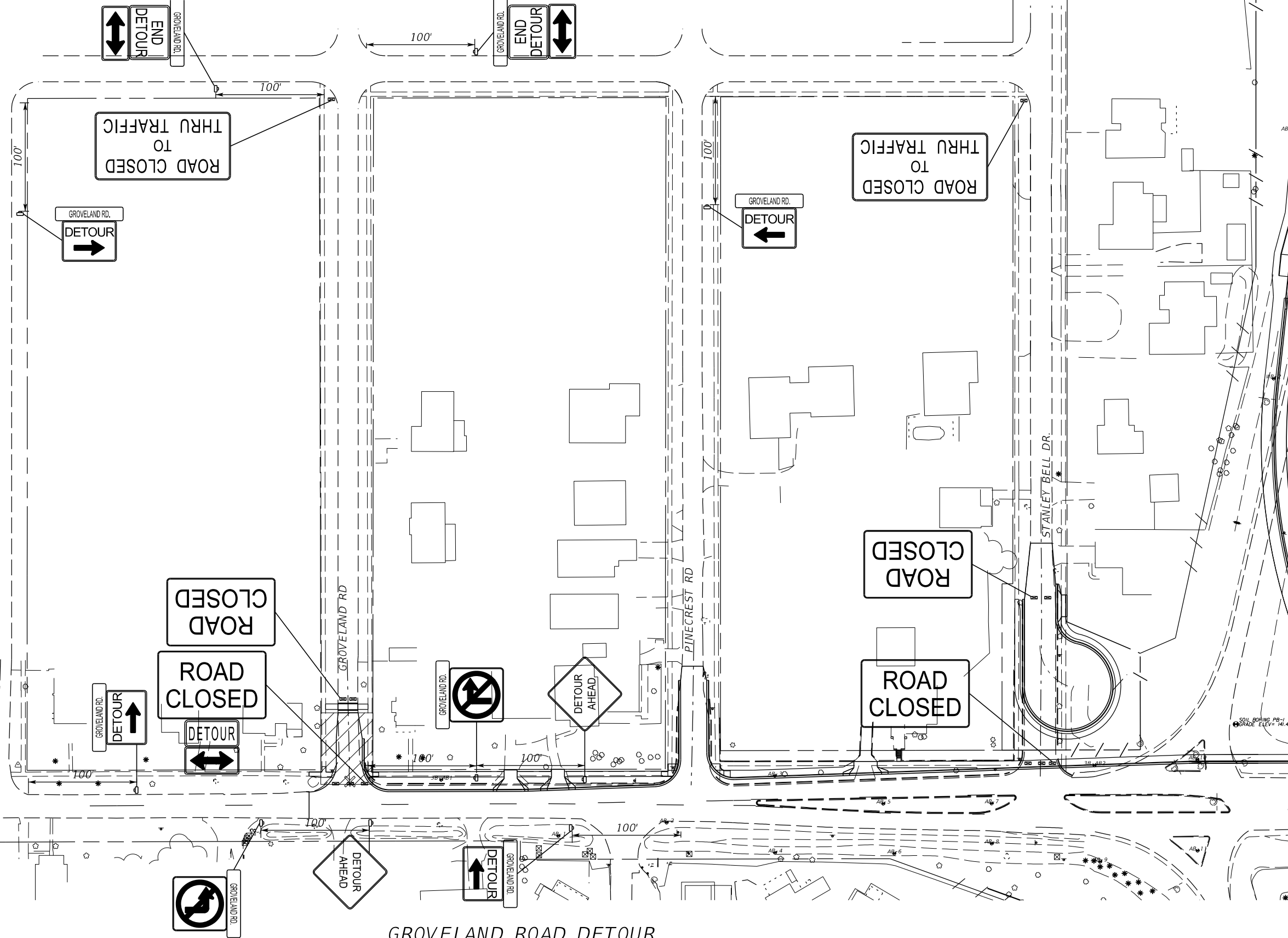
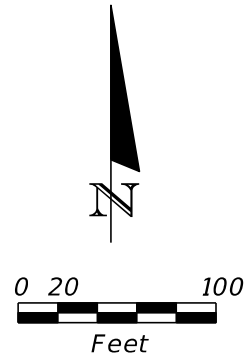
LEGEND:

- Lane Identification and Direction of Traffic
- Work Zone Sign
- PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- Type III Barricade
- WORK ZONE

- GENERAL NOTES:**
- THE INTENT OF THIS CLOSURE IS TO FACILITATE PLACING STRUCTURAL BEAMS FOR RAMP XX.
 - THIS DETOUR SHALL TAKE PLACE WITHIN THE FOLLOWING TIME FRAME, FRIDAY NIGHT (10:00 P.M. - 6:30 A.M.) AND SATURDAY NIGHT (10:00 P.M. - 6:30 A.M.).
 - SIGNS 1 AND 6 TO BE PLACED WITHIN THE FIRST 200' OF EACH NEW LEG OF THE DETOUR AND AT 1/2 MILE INCREMENTS THEREAFTER.
 - SIGNS 2, 3, 7, AND 8 TO BE PLACED 200' FROM INTERSECTION.
 - SIGNS 4, 5, 9, AND 10 TO BE PLACED 400' FROM INTERSECTION.
 - SIGN LOCATIONS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED.




REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 544
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



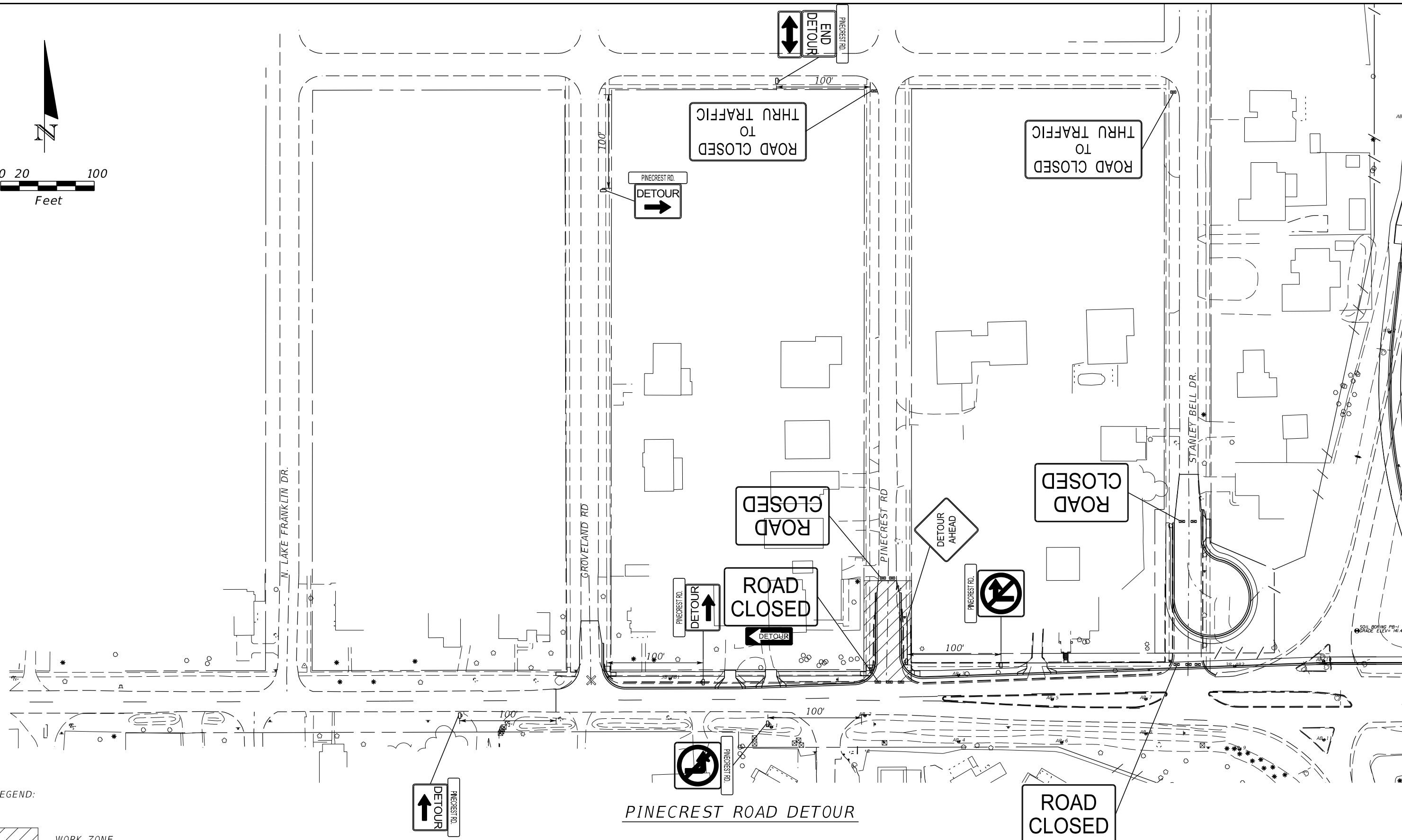
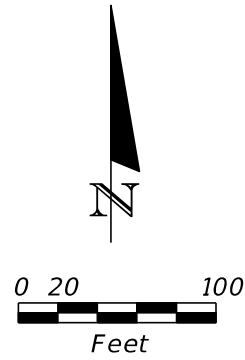
GROVELAND ROAD DETOUR

NOTE: DO NOT OPERATE THE DETOUR AND PINECREST DETOUR SIMULTANEOUSLY.

- LEGEND:
-  WORK ZONE
 -  Type III Barricade
 -  Work Zone Sign

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL DETOUR DETAIL	SHEET NO. 545
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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- LEGEND:
- WORK ZONE
 - Type III Barricade
 - Work Zone Sign

NOTE: DO NOT OPERATE THE DETOUR AND GROVELAND DETOUR SIMULTANEOUSLY.

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL DETOUR DETAIL	SHEET NO. 546
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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NOTES:

1. ALL PEDESTRIAN DETOURS TO BE CONSTRUCTED IN SR 46 PHASE 1.
2. CONTRACTOR TO PHASE CONSTRUCTION SO PEDESTRIANS ARE DIVERTED ON TO AN ASPHALT SURFACE.
3. COORDINATE DETOURS SO GROVELAND ROAD AND PINECREST ROAD ARE NOT DETOURED AT THE SAME TIME. THE ORDER MAY BE CHOSEN BY CONTRACTOR.
4. COORDINATE PEDESTRIAN DETOURS WITH ROAD DETOURS.

GROVELAND ROAD PEDESTRIAN DETOUR PHASE 1

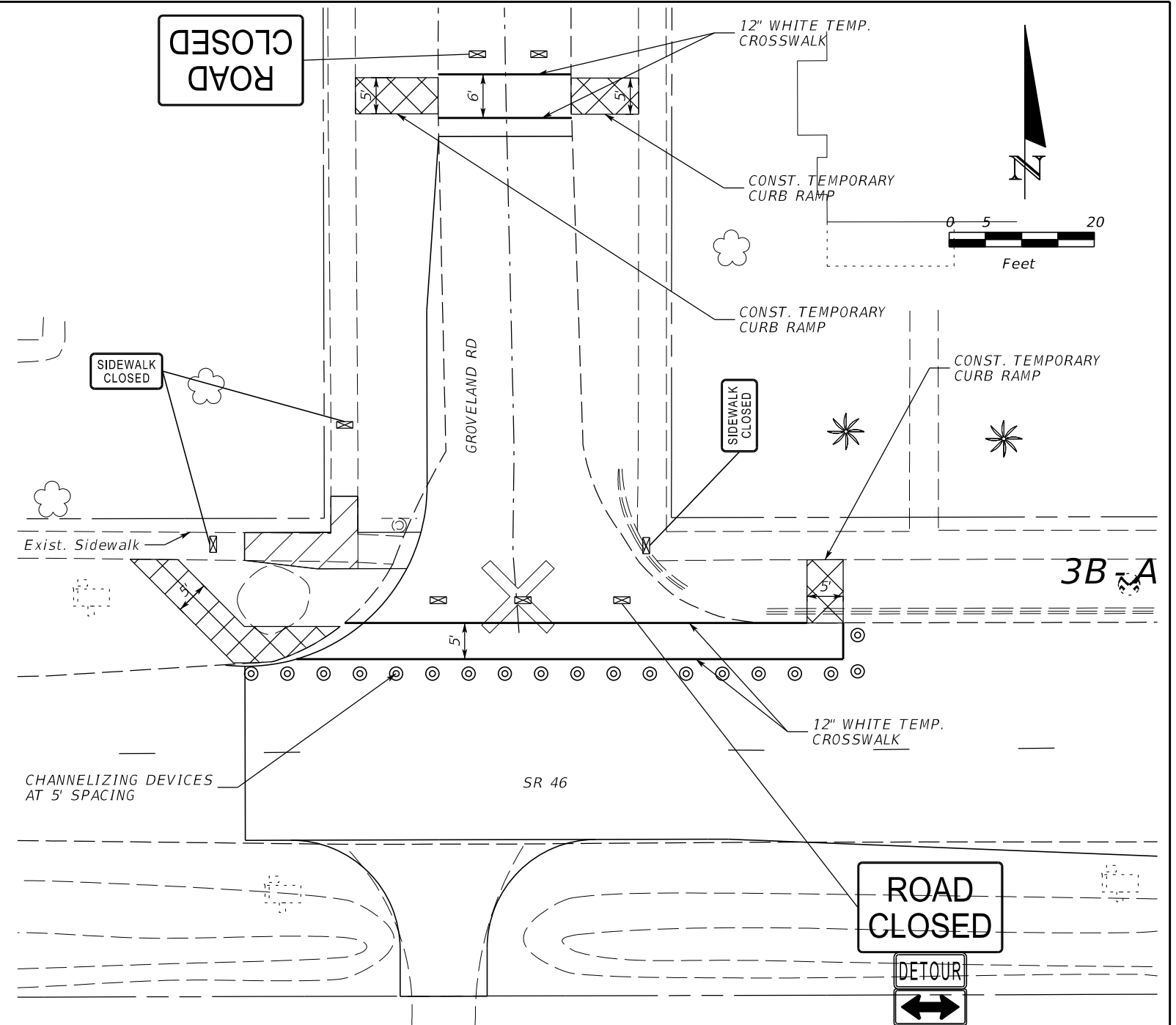
1. GROVELAND ROAD PEDESTRIAN DETOUR PHASE 1 TO TAKE PLACE BEFORE GROVELAND ROAD PEDESTRIAN DETOUR PHASE 2.
2. CONSTRUCT A TEMPORARY SIDEWALK, CROSSWALK, AND CURB RAMP TO ACCOMODATE PEDESTRIAN TRAFFIC CROSSING GROVELAND ROAD.
3. CONSTRUCT PROPOSED NORTHWEST CORNER OF SIDEWALK.

GROVELAND ROAD PEDESTRIAN DETOUR PHASE 2

1. CONSTRUCT TEMPORARY CURB RAMP AND CROSSWALK TO ALLOW THE CONSTRUCTION OF WORK ZONE.
2. DETOUR TRAFFIC FROM GROVELAND ROAD TO PINECREST ROAD TO ALLOW CONSTRUCTION OF PROPOSED CROSSWALK.





PINECREST ROAD PEDESTRIAN DETOUR

1. DETOUR TRAFFIC FROM PINECREST ROAD TO GROVELAND ROAD TO ALLOW CONSTRUCTION OF PROPOSED CROSSWALK.



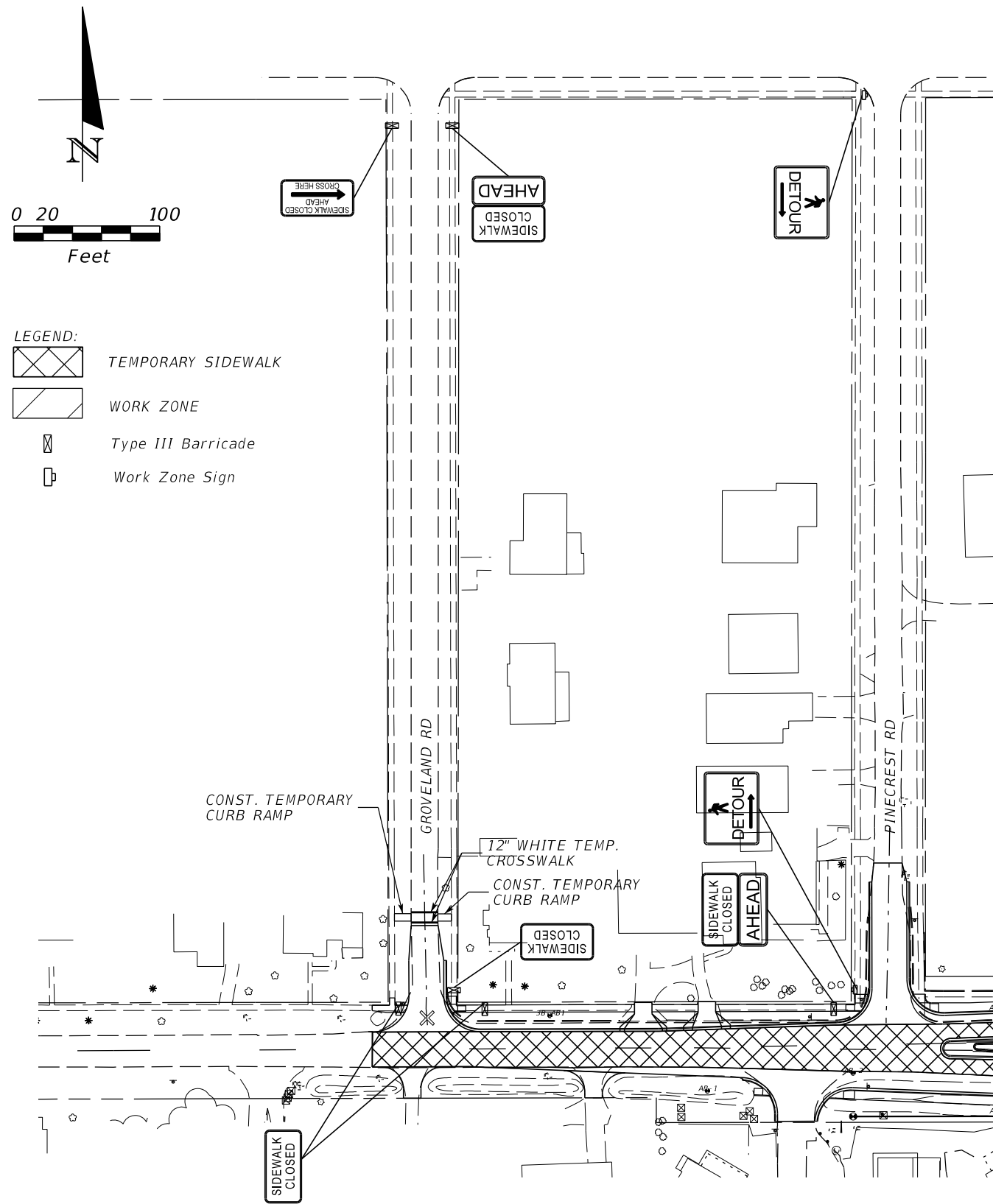
GROVELAND ROAD PEDESTRIAN DETOUR PHASE 1

LEGEND:

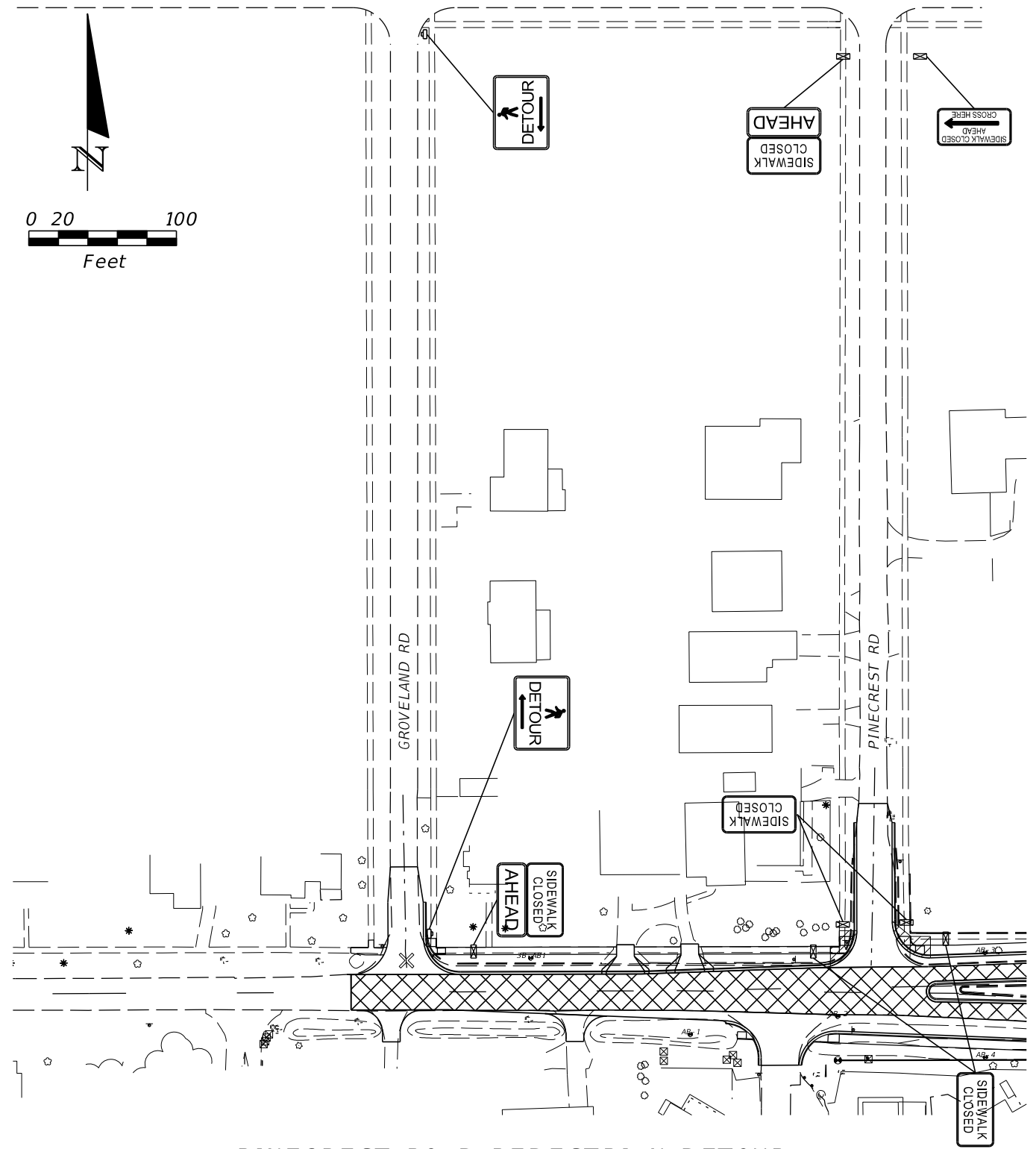
-  TEMPORARY SIDEWALK
-  WORK ZONE
-  Cone Or Tubular Marker
-  Type III Barricade

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONROL PEDESTRIAN DETOUR	SHEET NO. 547
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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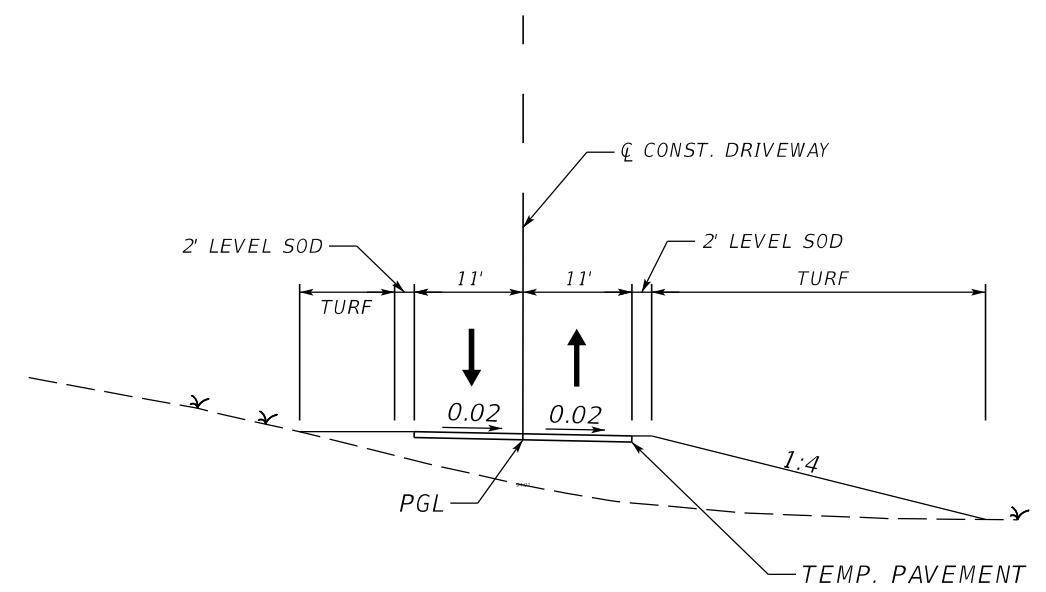
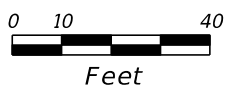
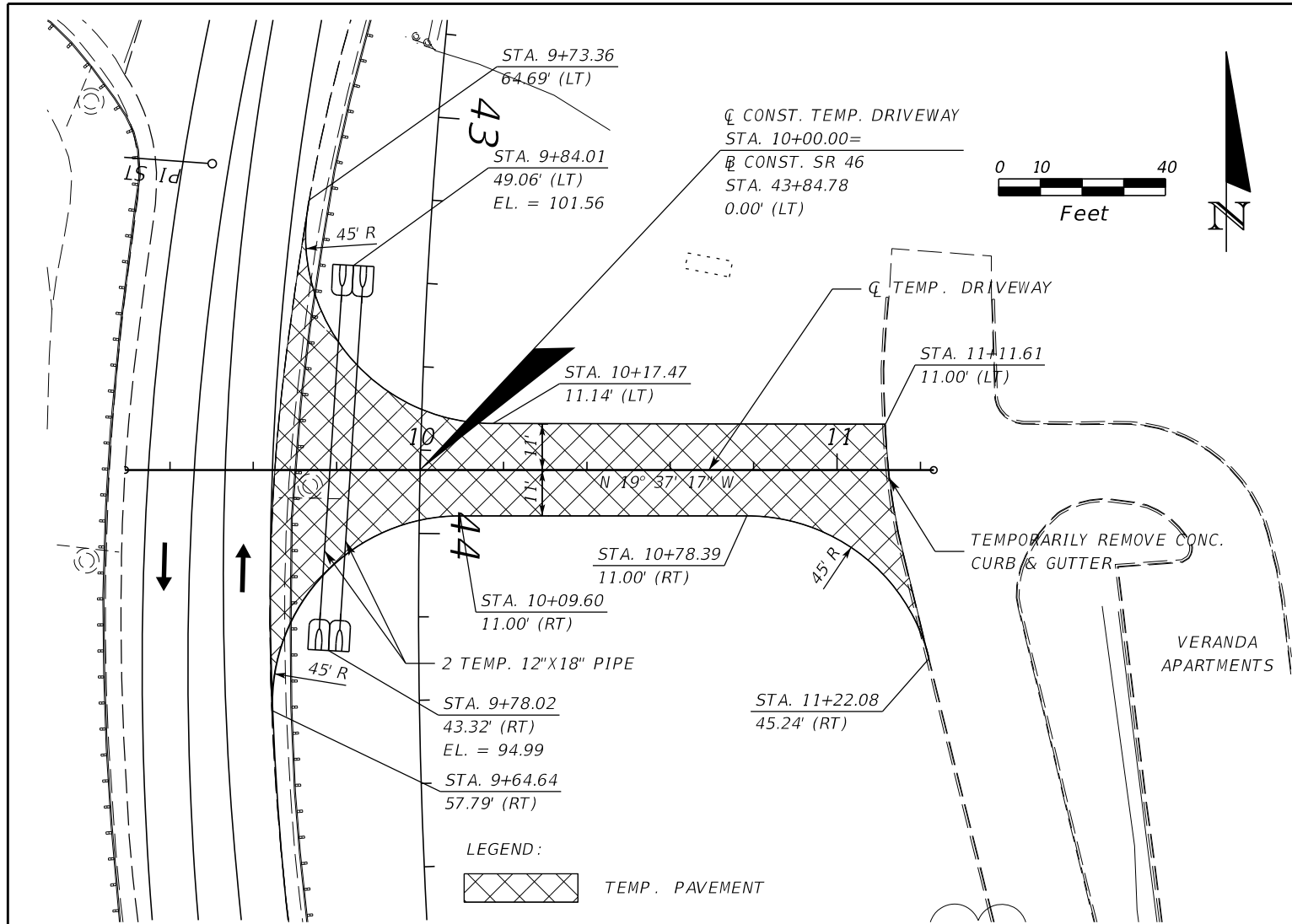


GROVELAND ROAD PEDESTRIAN DETOUR PHASE 2



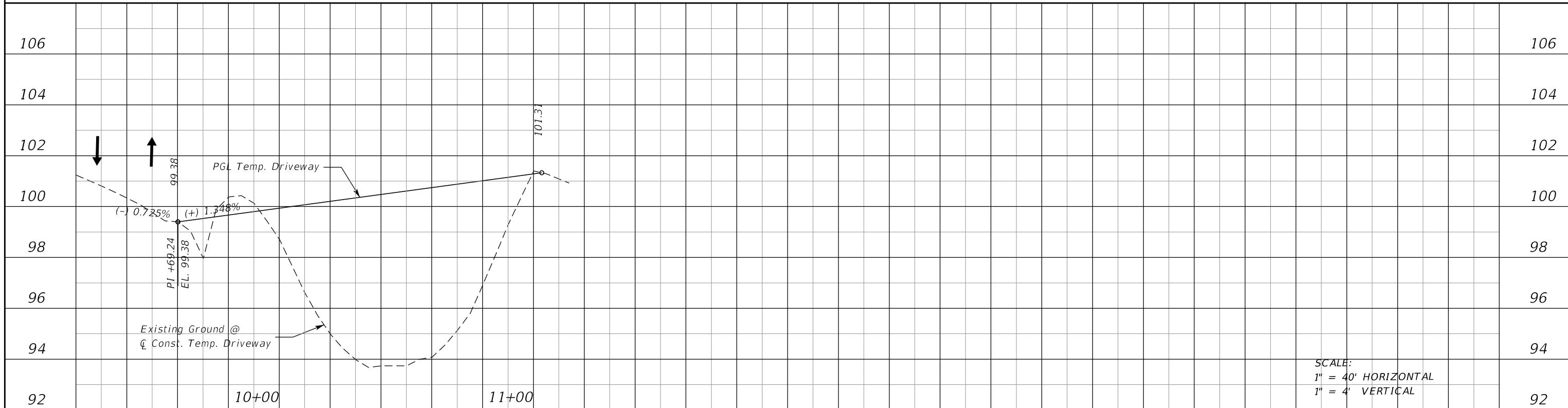
PINECREST ROAD PEDESTRIAN DETOUR

REVISIONS		REVISIONS		MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMP. TRAFFIC CONTROL PEDESTRIAN DETOUR	SHEET NO. 548
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		



TYPICAL SECTION
STA. 9+65.16 TO STA. 11+12.39

NOTE: PRIOR TO PLACING TEMPORARY DRIVEWAY INTO OPERATION, THE TWO EXISTING MEDIANS AT THE CURRENT VERANDA ENTRANCE MUST BE PAVED. SEE SPECIAL DETAILS FOR MORE INFORMATION.

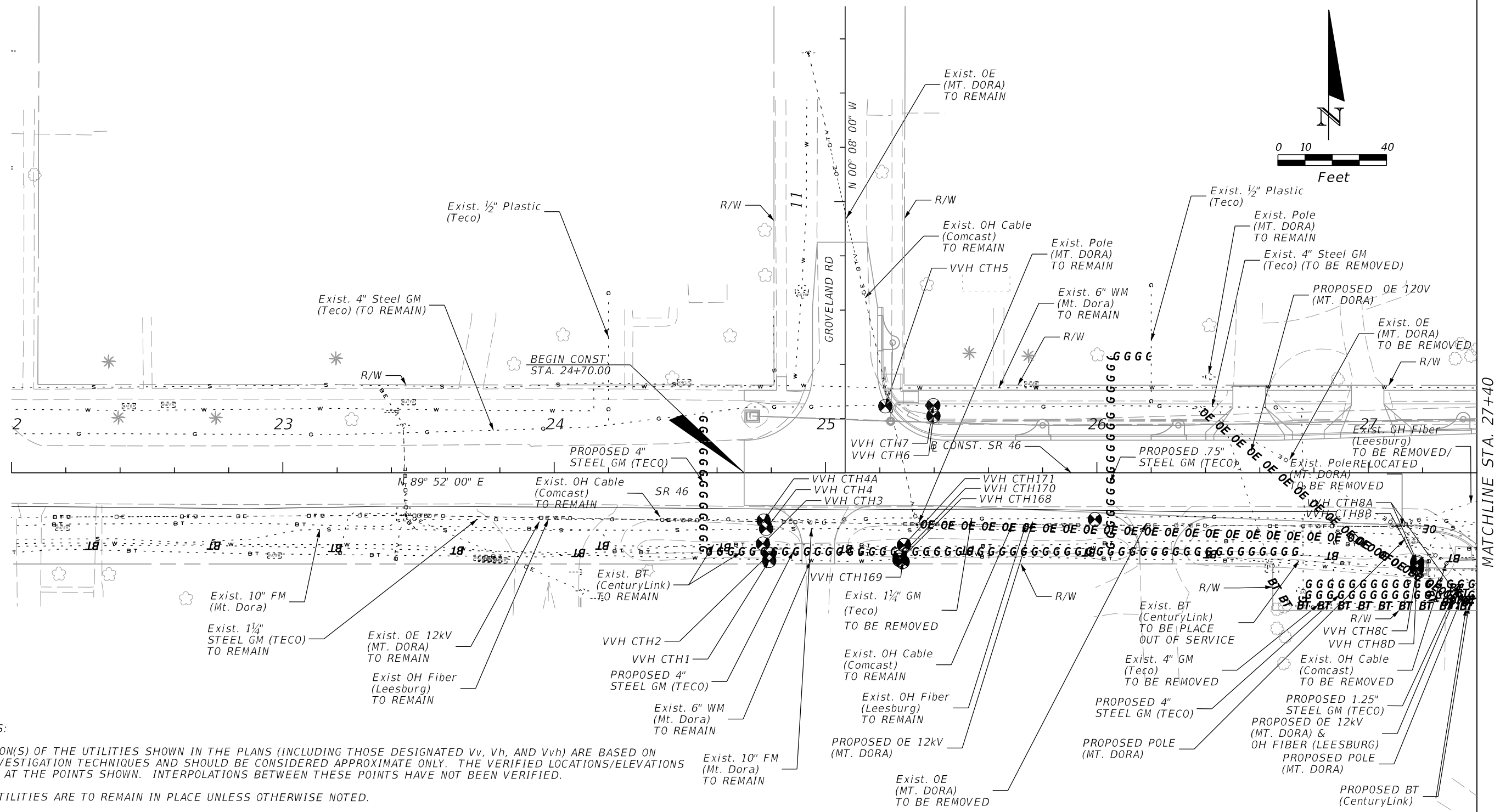


SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 549
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01	

VERANDA TEMP. DRIVEWAY

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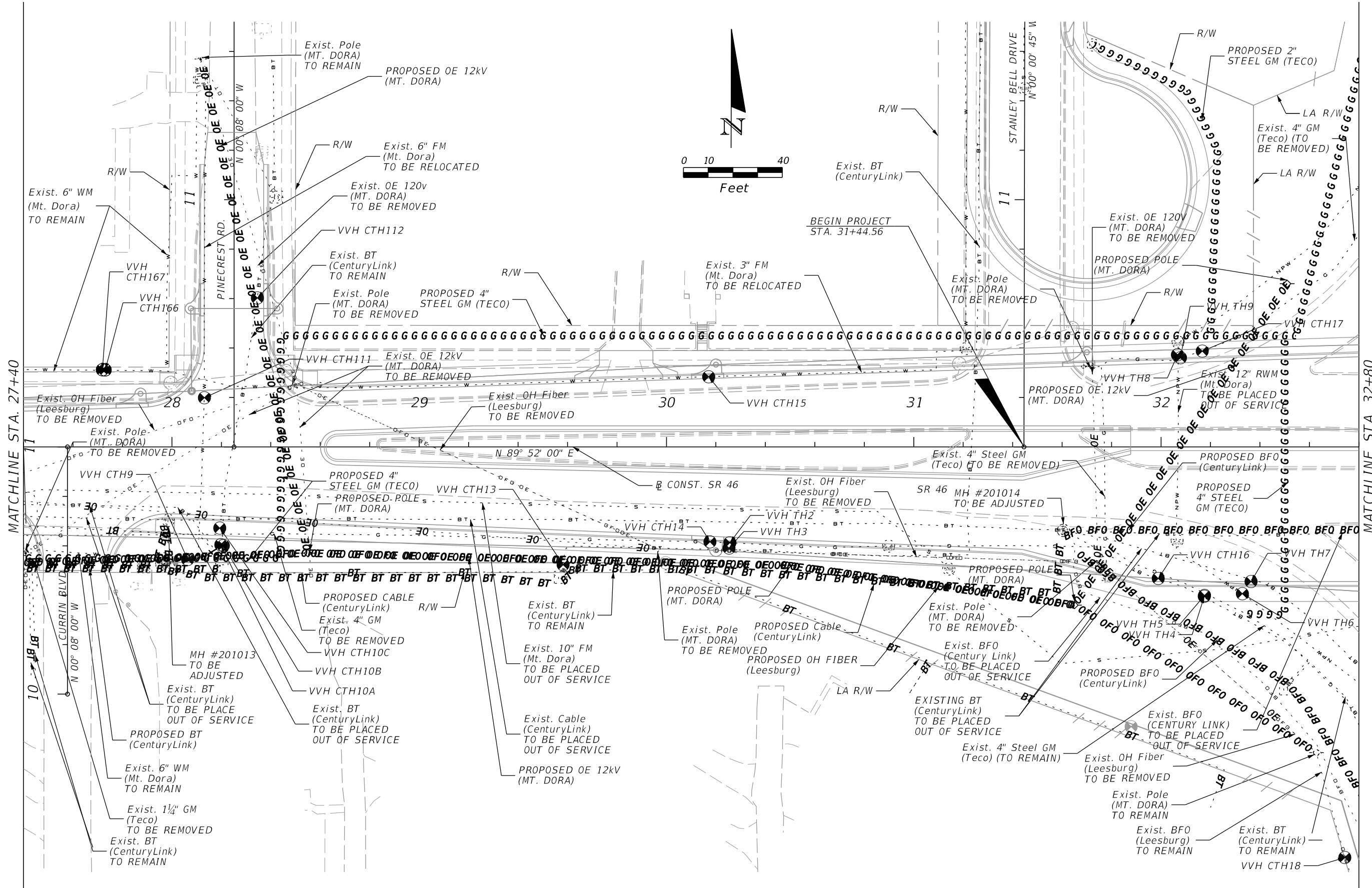
GENERAL NOTES:

1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
2. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
3. UTILITY/AGENCY OWNERS: COMPANY TELEPHONE NUMBER:

UTILITY/AGENCY OWNERS: COMPANY	TELEPHONE NUMBER:
CENTURYLINK	(407) 814-5293
CITY OF MOUNT DORA - WATER/SEWER	(352) 735-7151
CITY OF LEESBURG - FIBER OPTIC	(352) 728-9786
COMCAST COMMUNICATIONS	(352) 315-8527
DUKE ENERGY - DISTRIBUTION	(407) 942-9464
DUKE ENERGY - TRANSMISSION	(407) 942-9453
TECO/PEOPLES GAS	(407) 420-2678
CITY OF MOUNT DORA - ELECTRIC	(352) 735-7155

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 1 SR 46	SHEET NO. 550
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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MATCHLINE STA. 27+40

MATCHLINE STA. 32+80

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

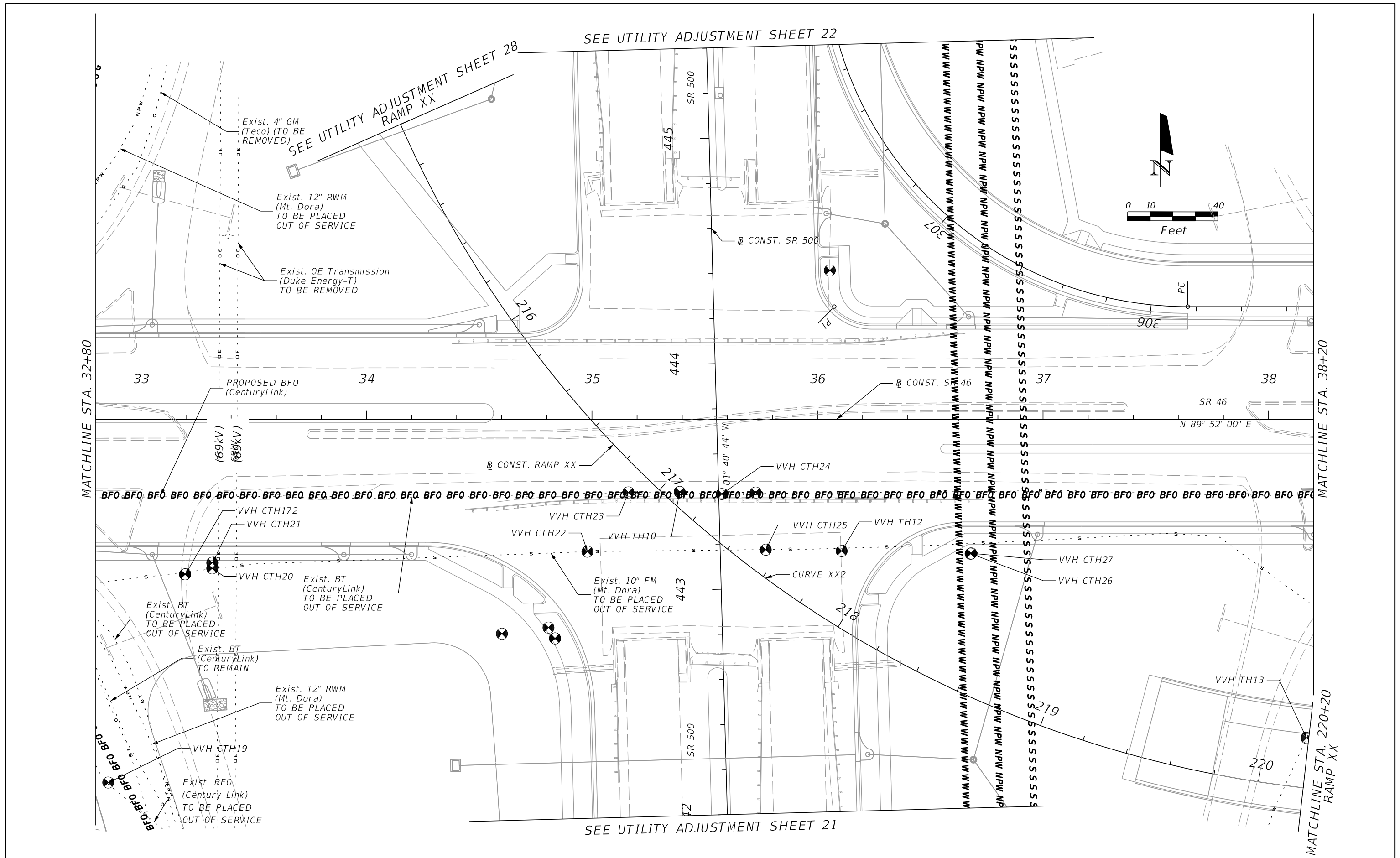
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 2

SR 46

SHEET NO.
551

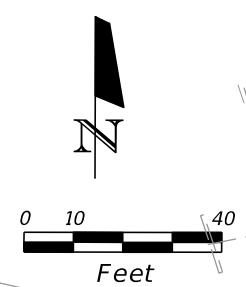
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SEE UTILITY ADJUSTMENT SHEET 22

SEE UTILITY ADJUSTMENT SHEET 28
RAMP XX

SEE UTILITY ADJUSTMENT SHEET 21



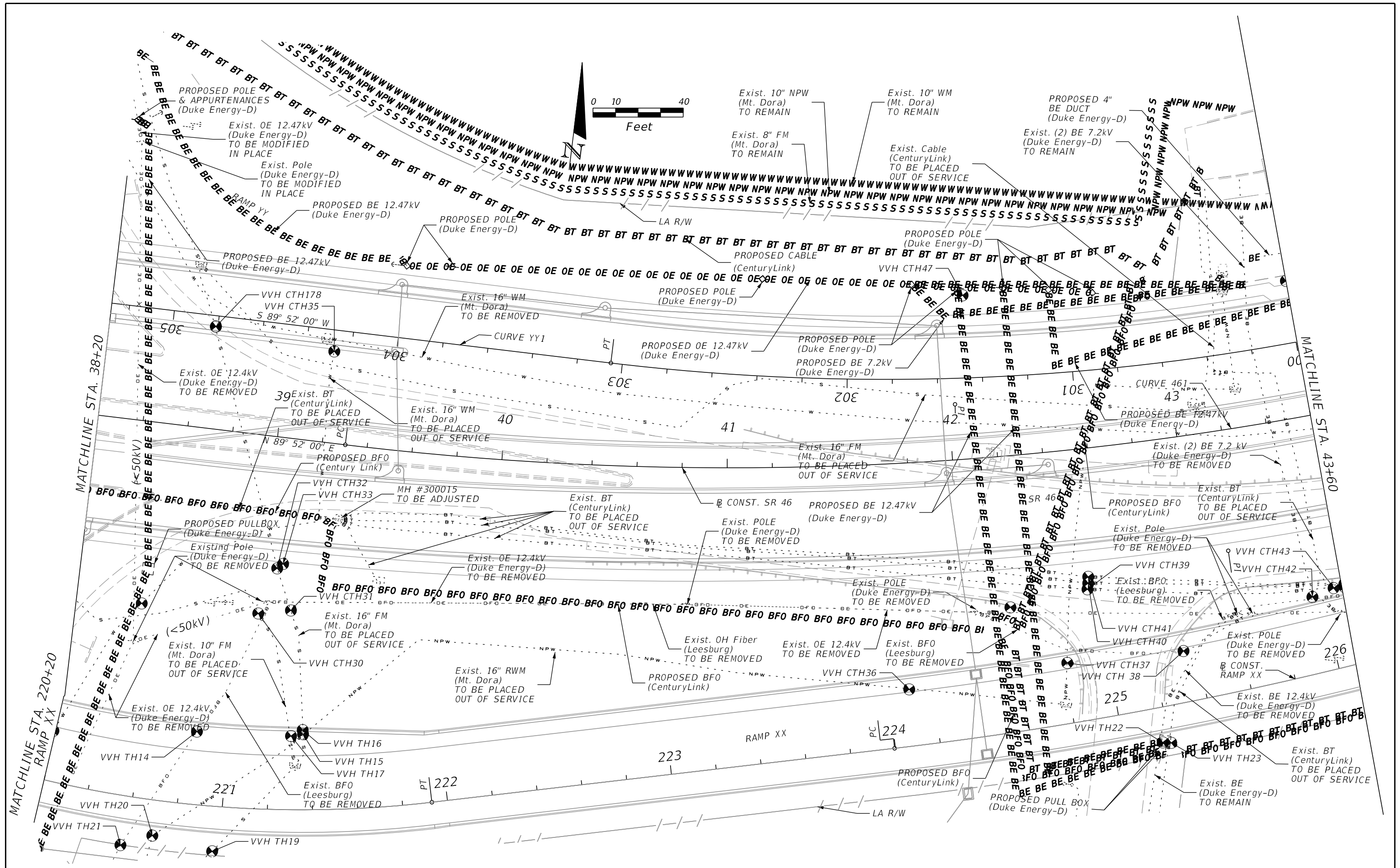
MATCHLINE STA. 32+80

MATCHLINE STA. 38+20

MATCHLINE STA. 220+20
RAMP XX

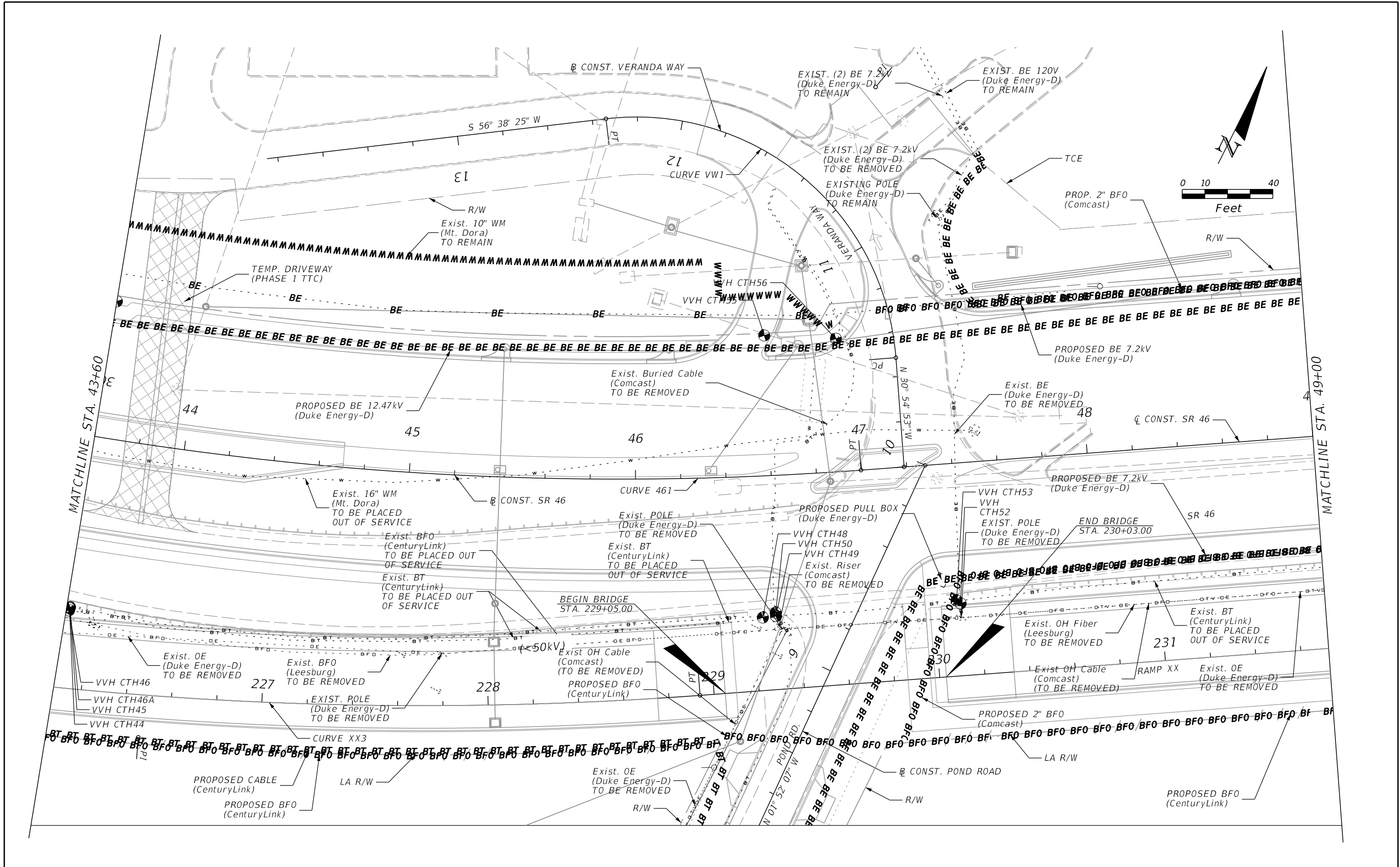
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 3 SR 46	SHEET NO. 552
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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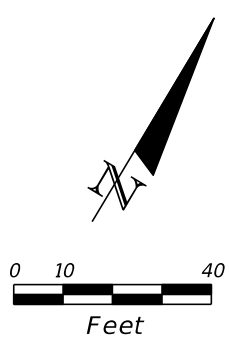
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 4 SR 46	SHEET NO. 553
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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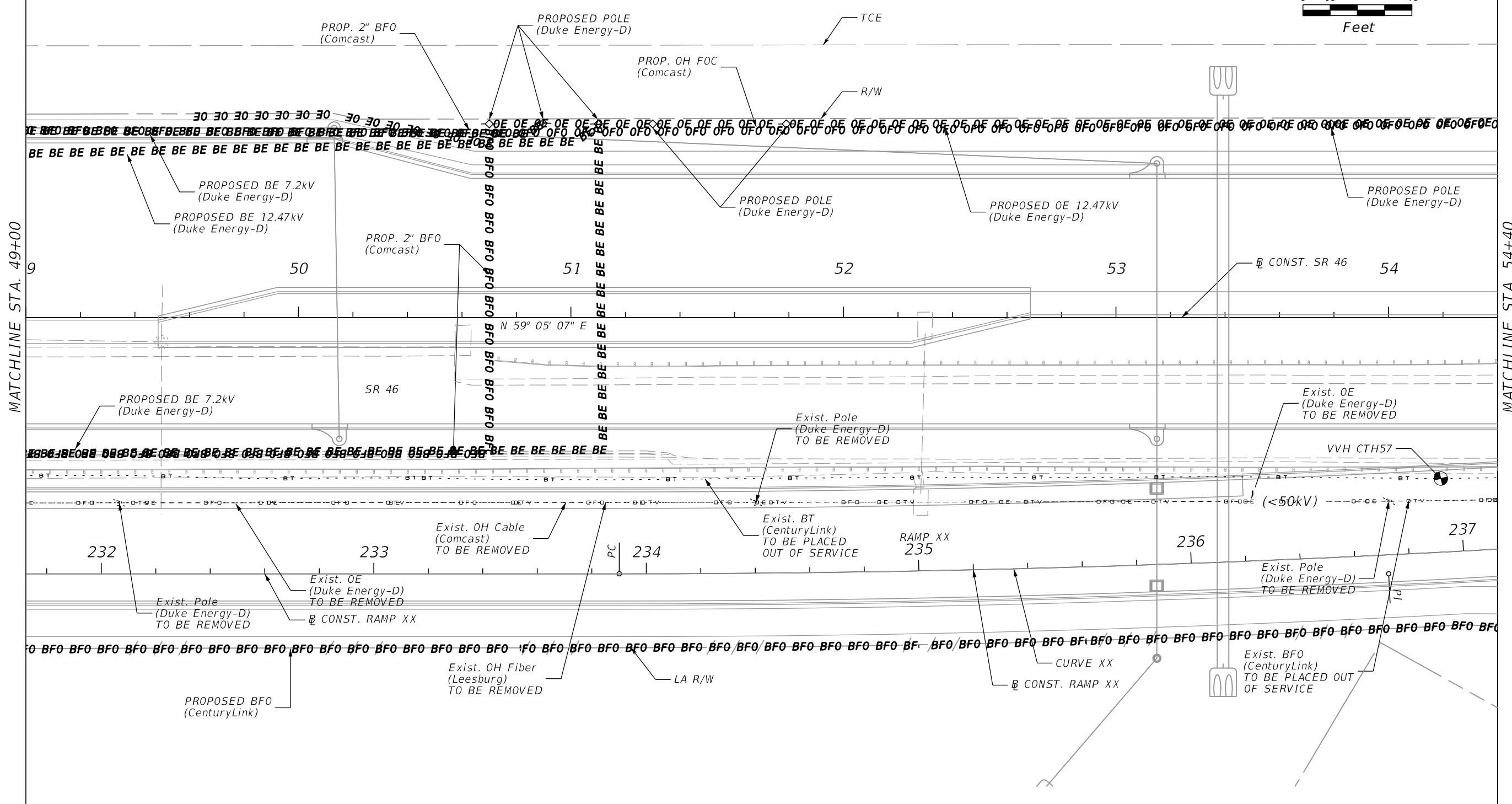
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 5 SR 46	SHEET NO. 554
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		



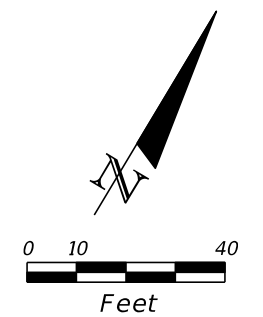
MATCHLINE STA. 49+00

MATCHLINE STA. 54+40



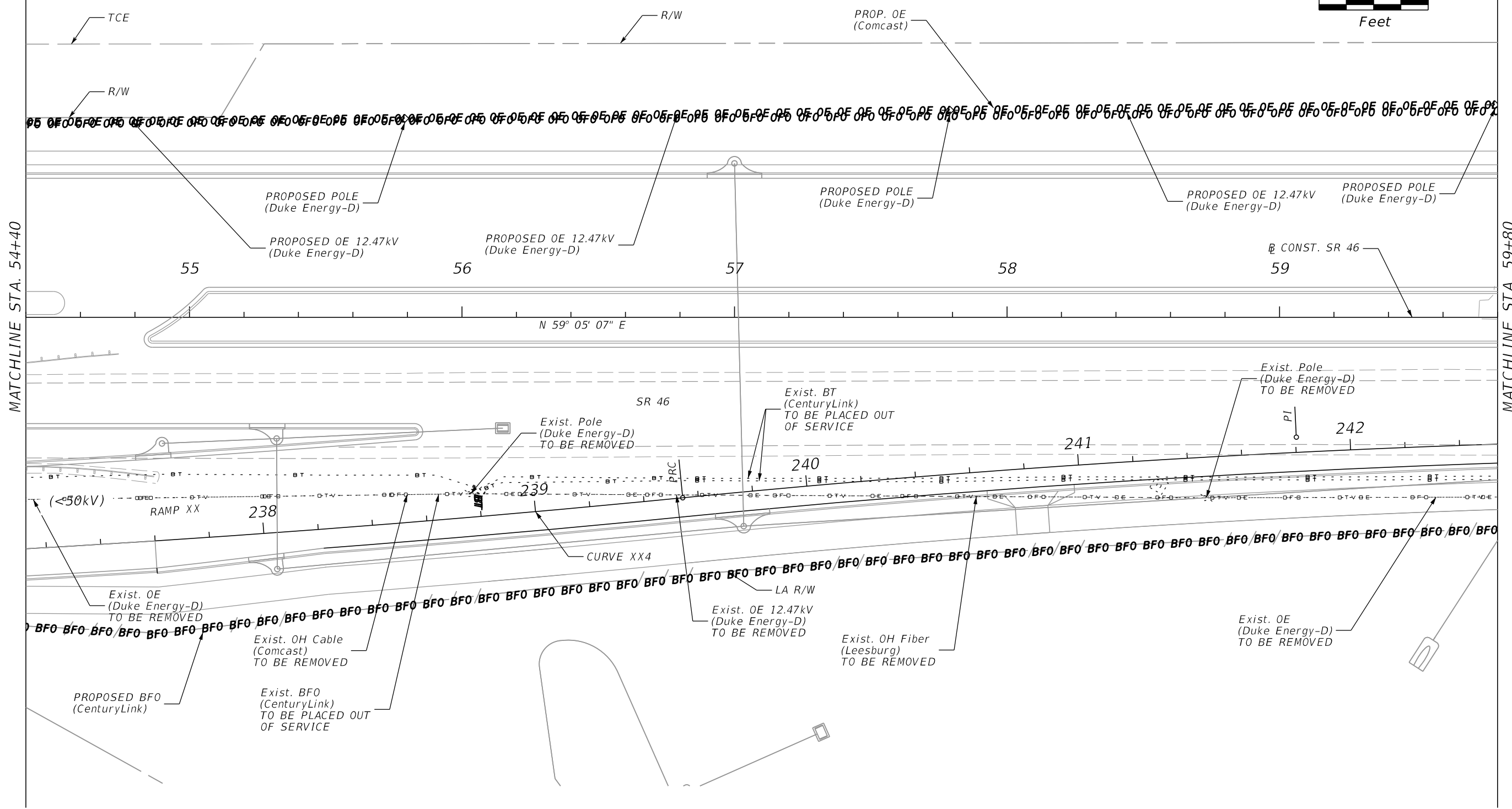
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 6 SR 46	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE		238275-2-52-01

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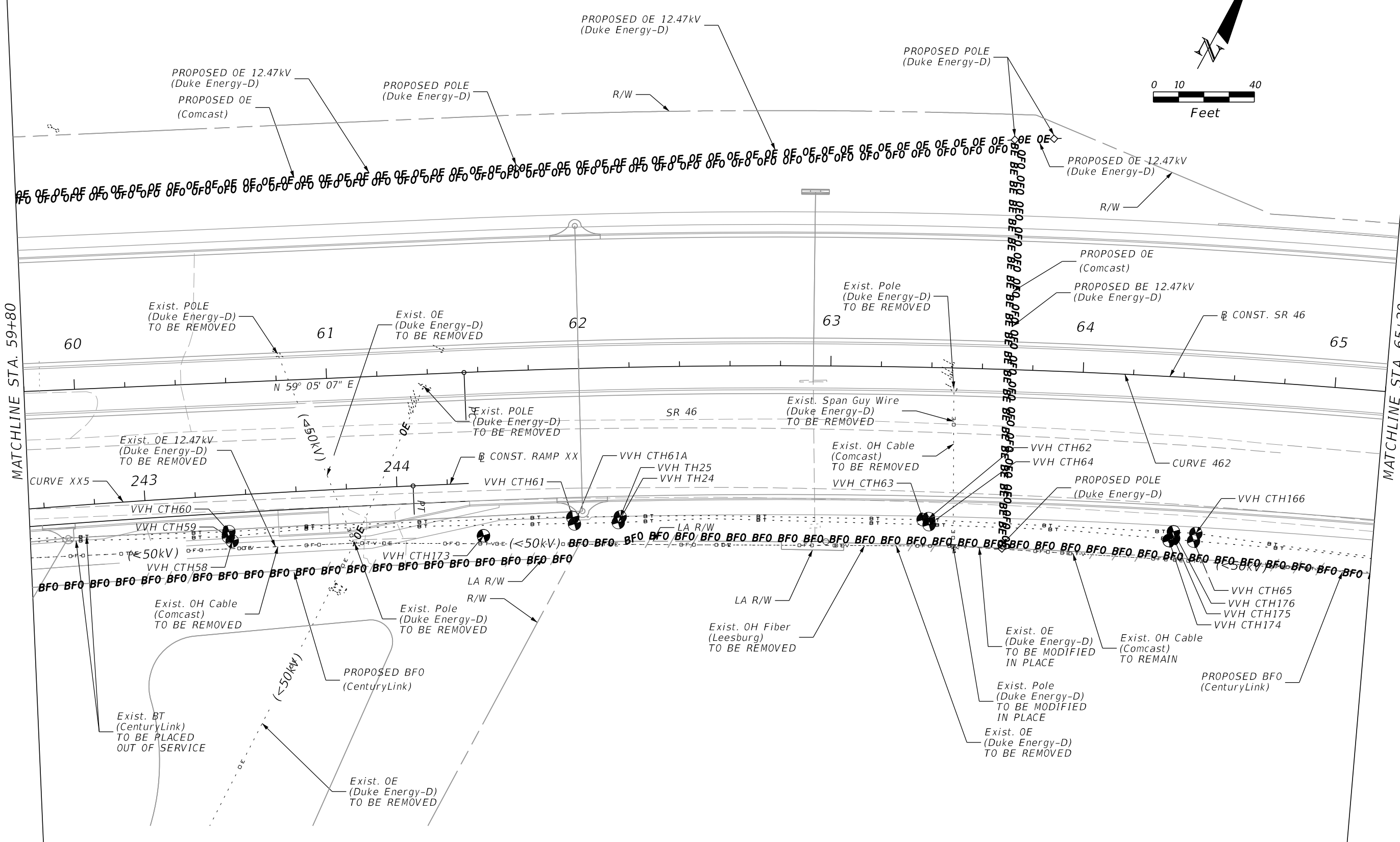
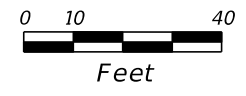
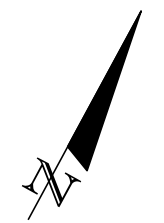
MATCHLINE STA. 54+40

MATCHLINE STA. 59+80



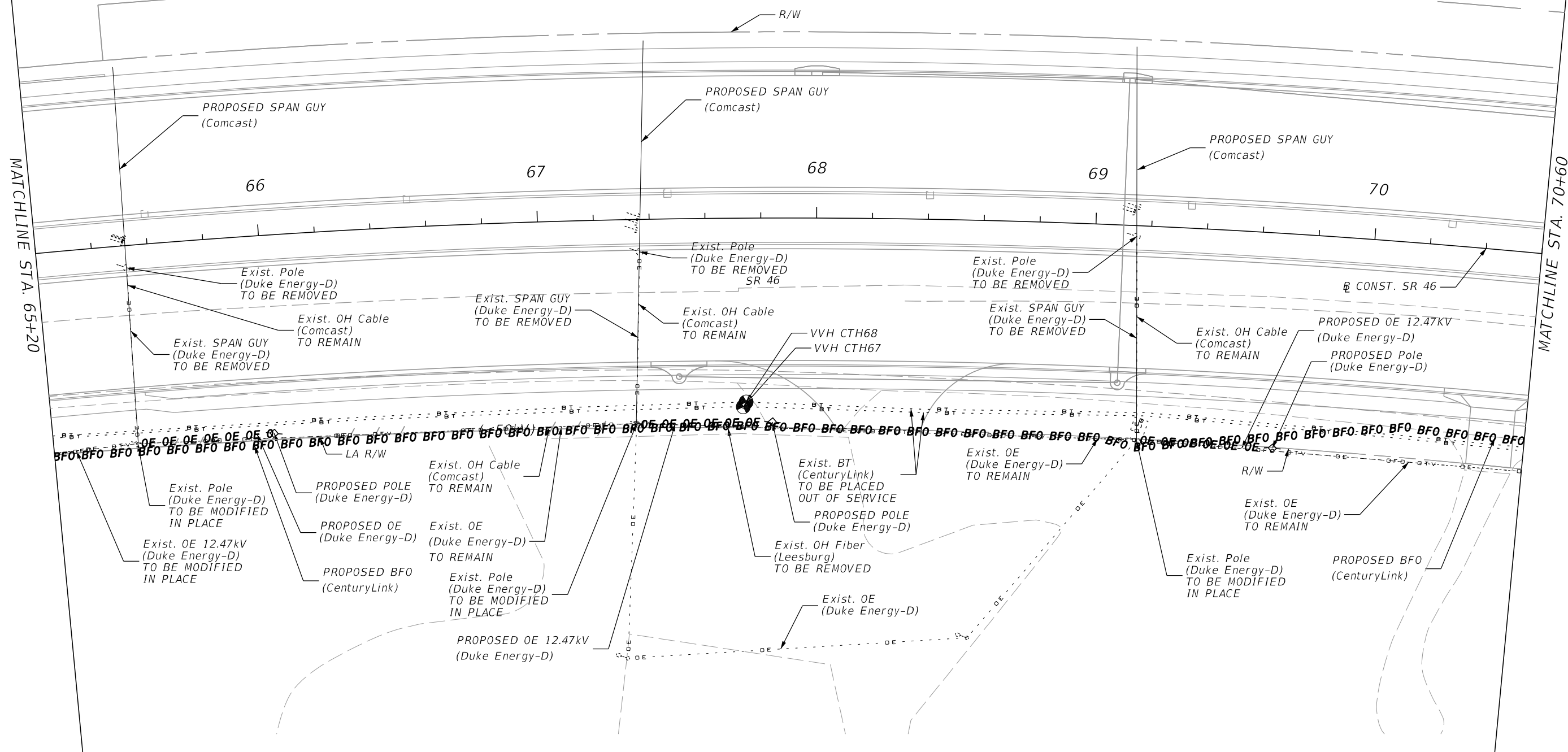
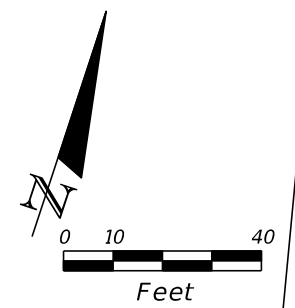
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 7 SR 46	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		556
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



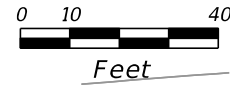
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 8 SR 46	SHEET NO. 557
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



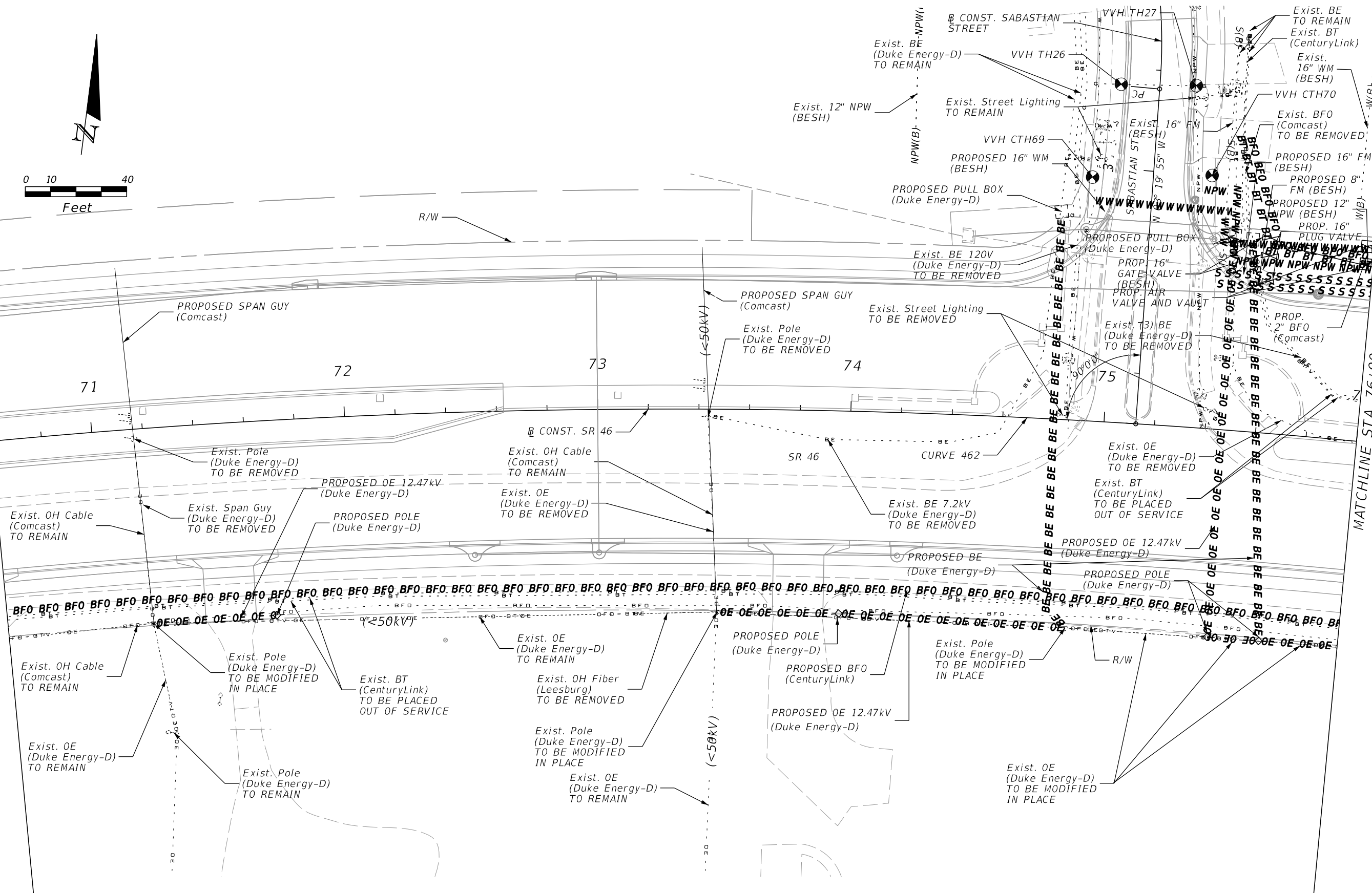
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 9 SR 46	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE		238275-2-52-01

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MATCHLINE STA. 70+60

MATCHLINE STA. 76+00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

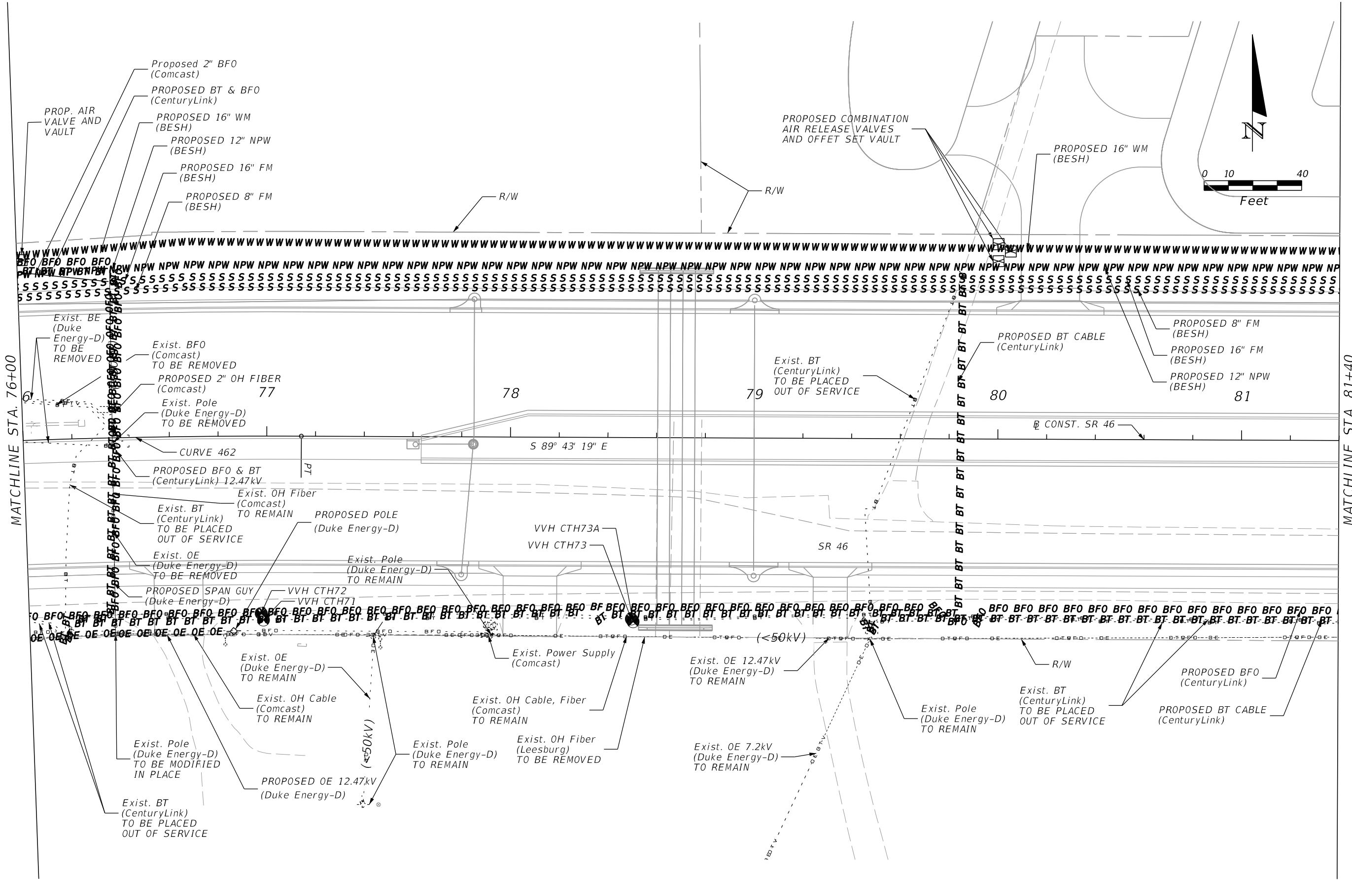
MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
FOREST W. ADKINS, P.E.
FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 10	SHEET NO.
SR 46	559

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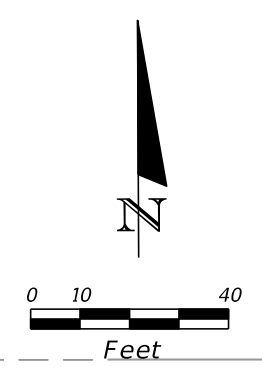
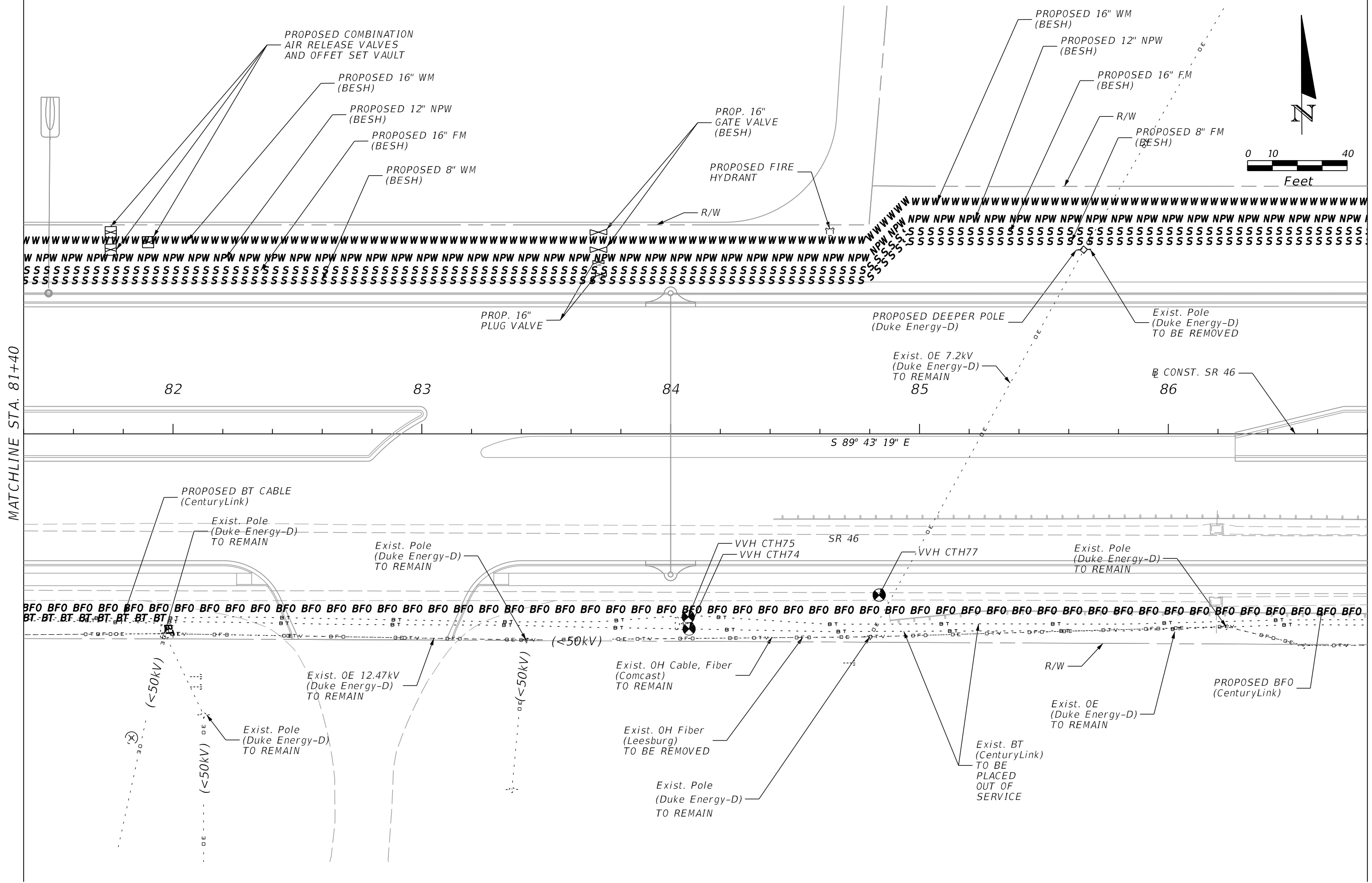


THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 11 SR 46	SHEET NO. 560
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

MATCHLINE STA. 81+40

MATCHLINE STA. 86+80

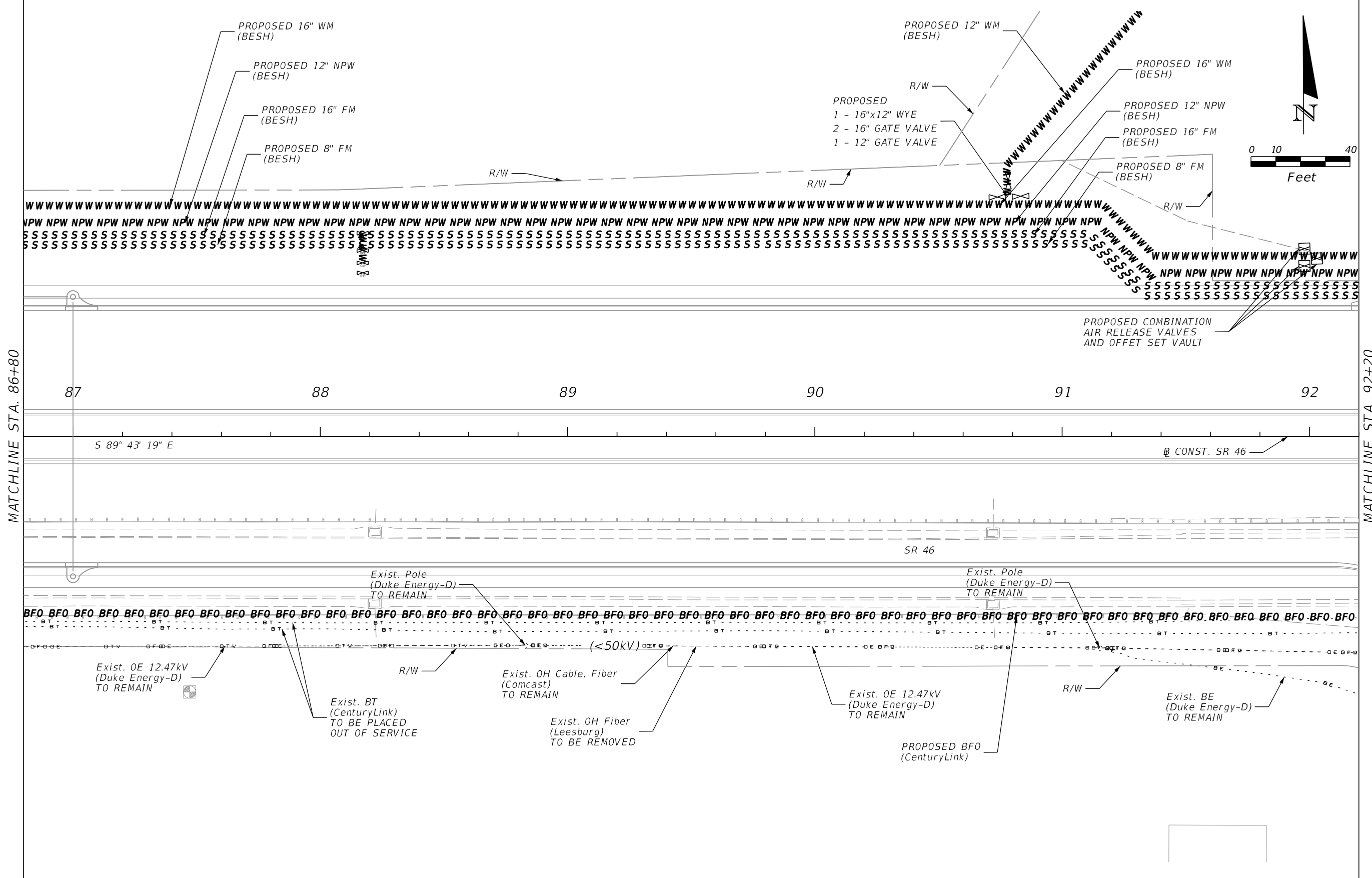


REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 12 SR 46	SHEET NO. 561
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

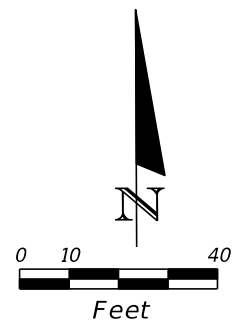
MATCHLINE STA. 86+80

MATCHLINE STA. 92+20

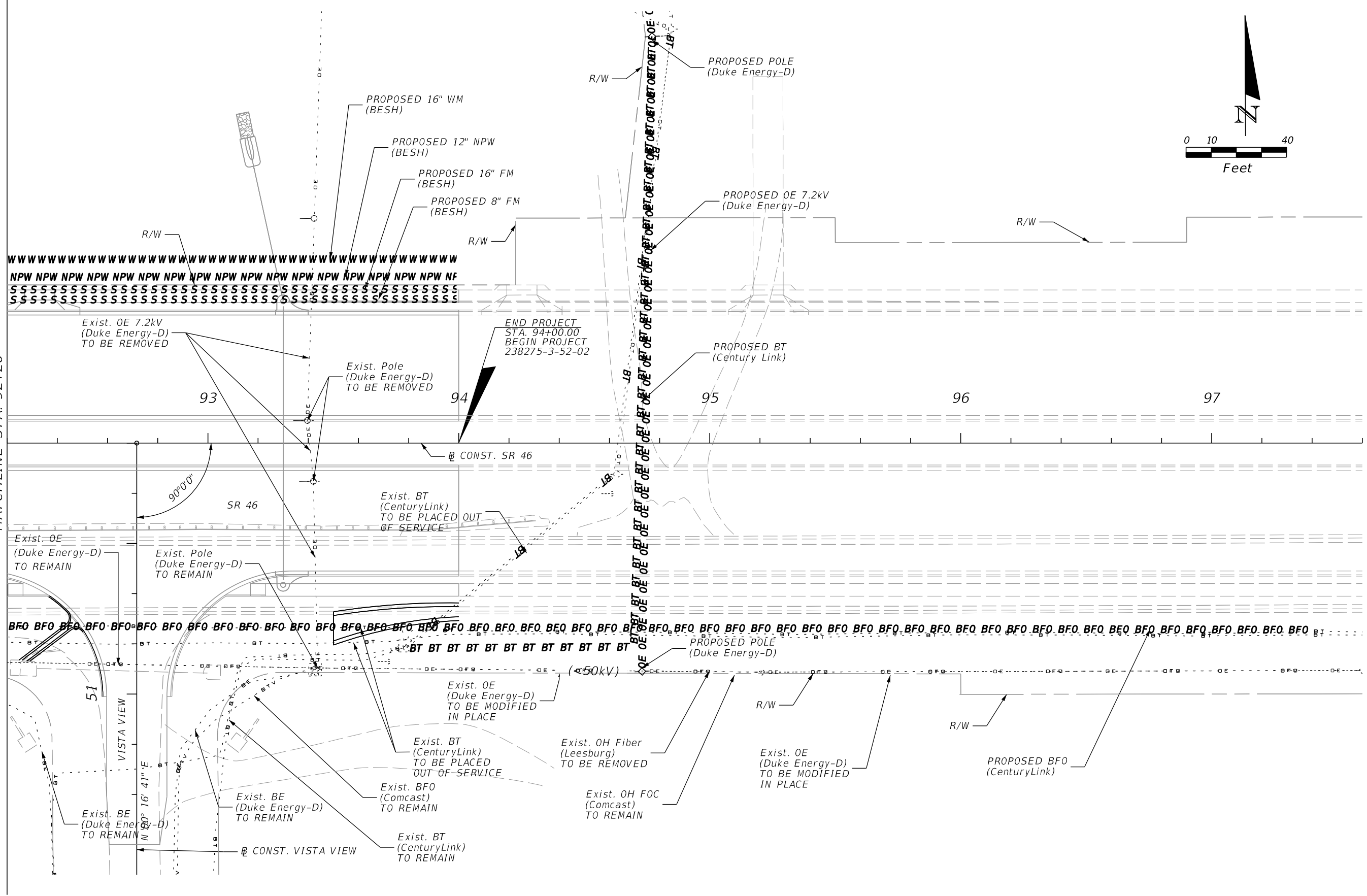


REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 13 SR 46	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE		238275-2-52-01

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

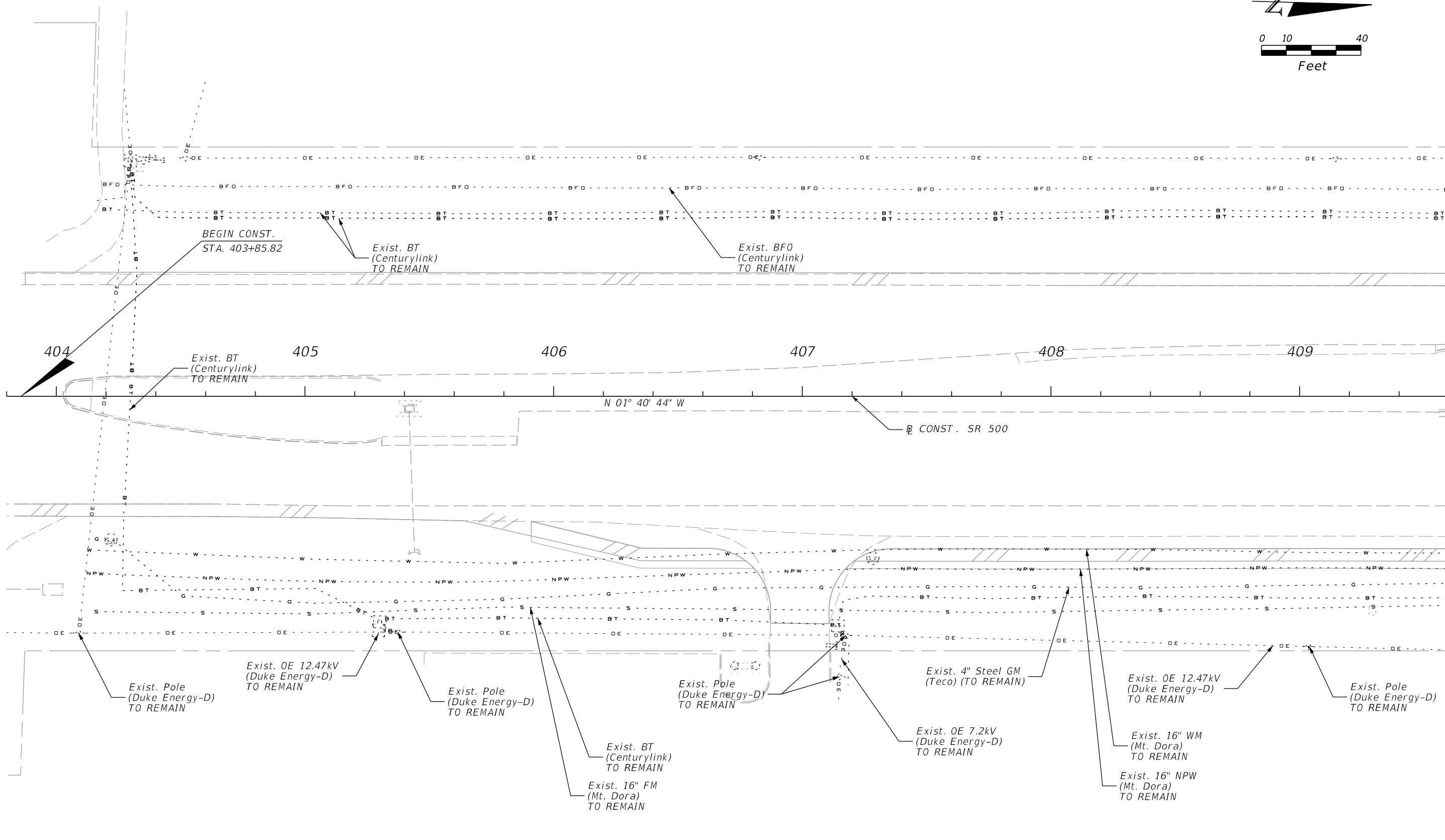
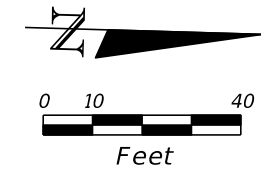


MATCHLINE STA. 92+20



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 14 SR 46	SHEET NO. 563
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

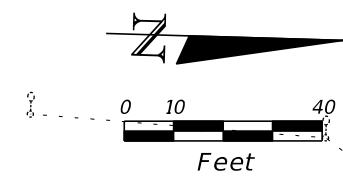
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. 409+60

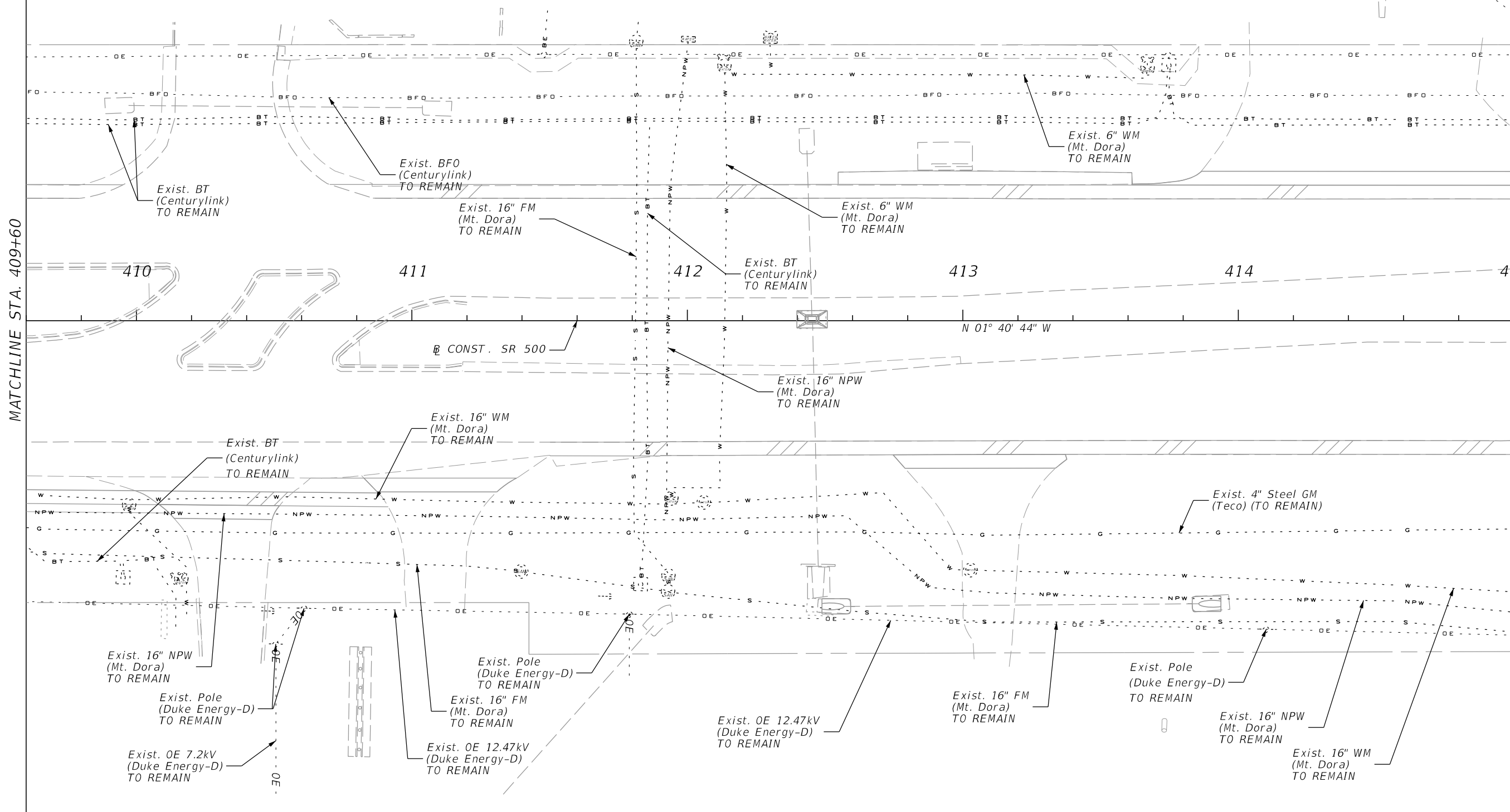
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 15 SR 500	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE		238275-2-52-01

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MATCHLINE STA. 409+60

MATCHLINE STA. 415+00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

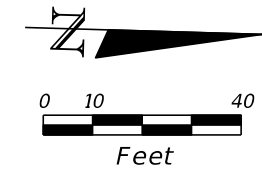
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 16
SR 500

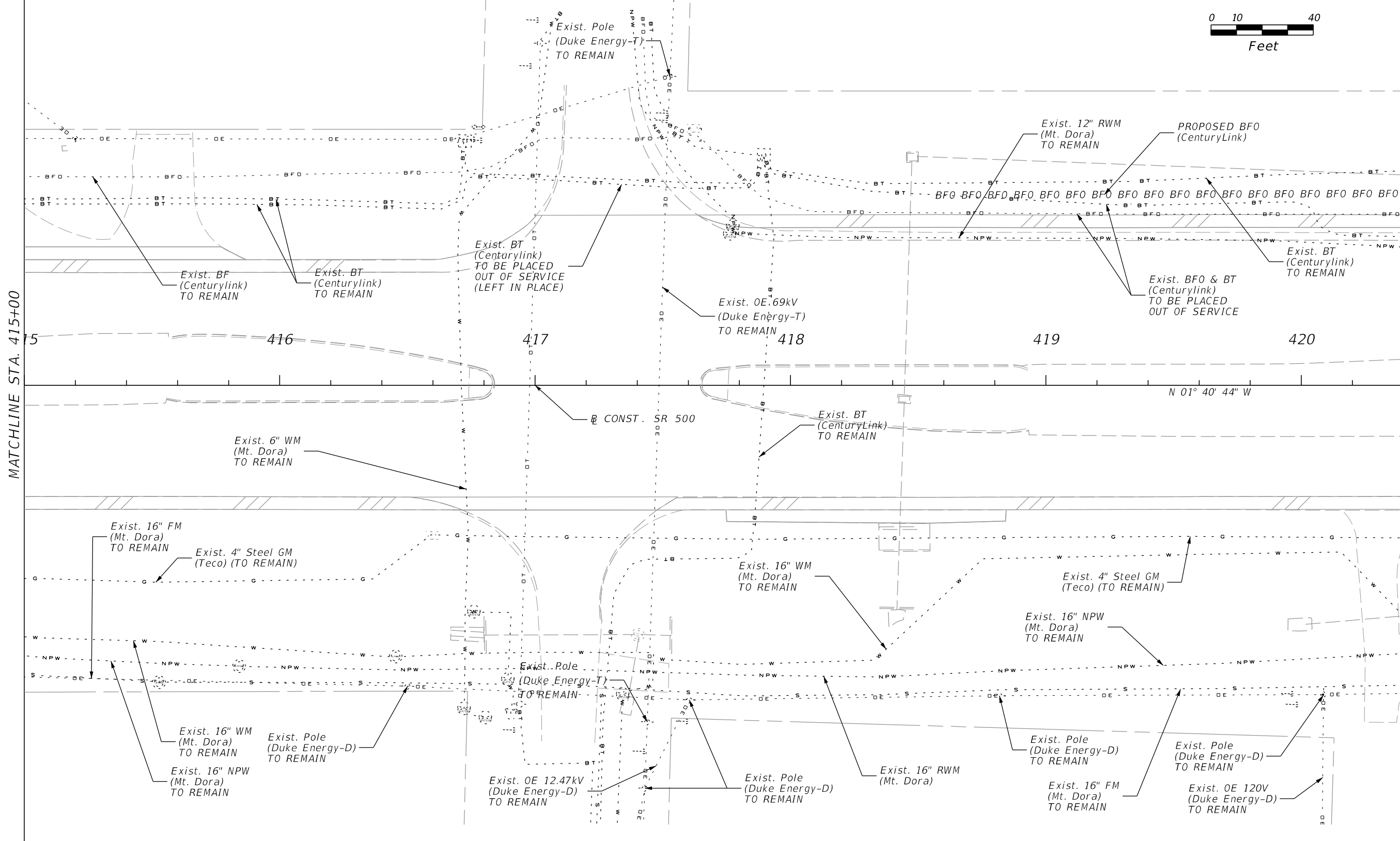
SHEET NO.
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



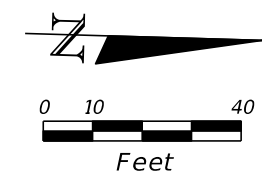
MATCHLINE STA. 415+00

MATCHLINE STA. 420+40



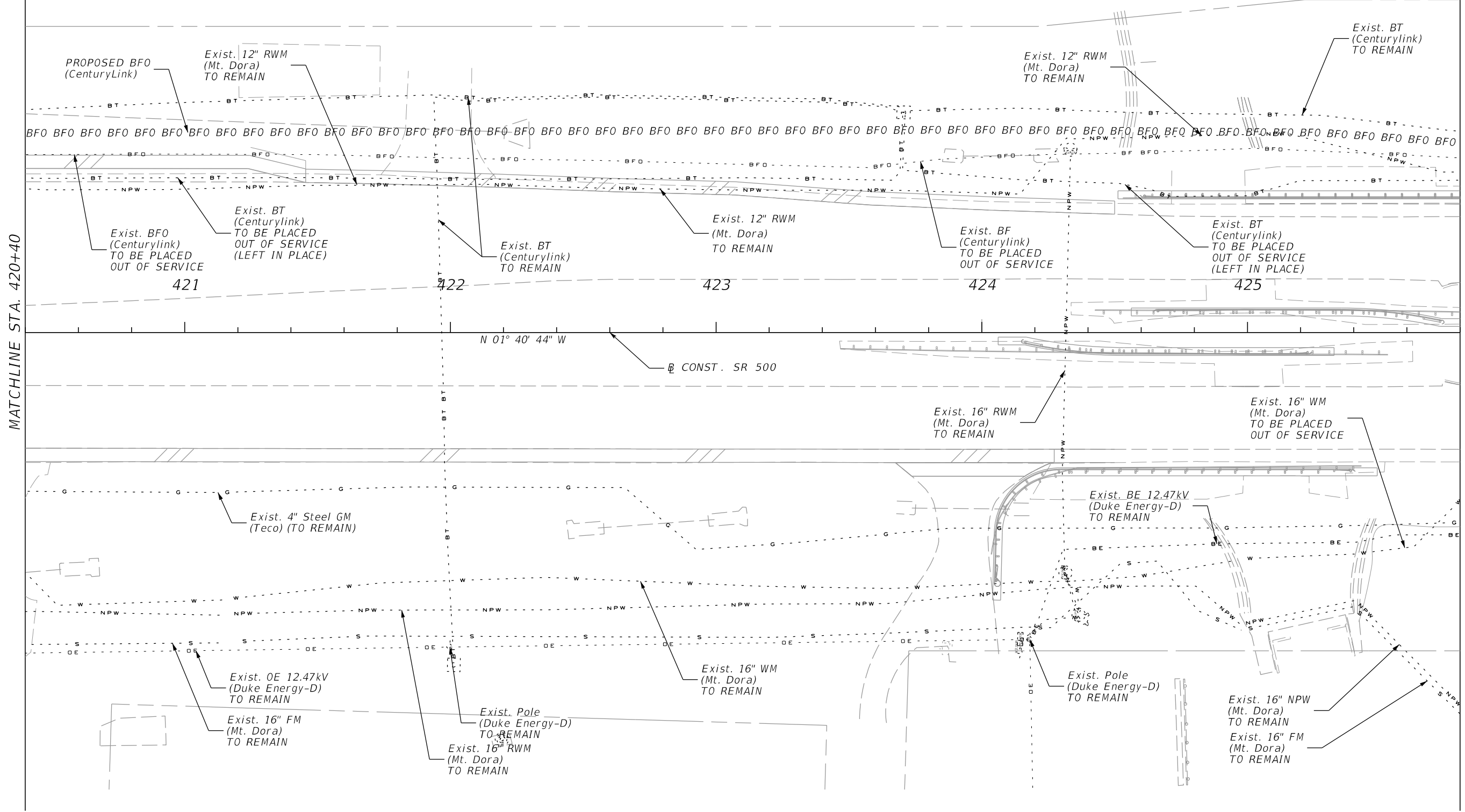
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 17 SR 500	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE		238275-2-52-01

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



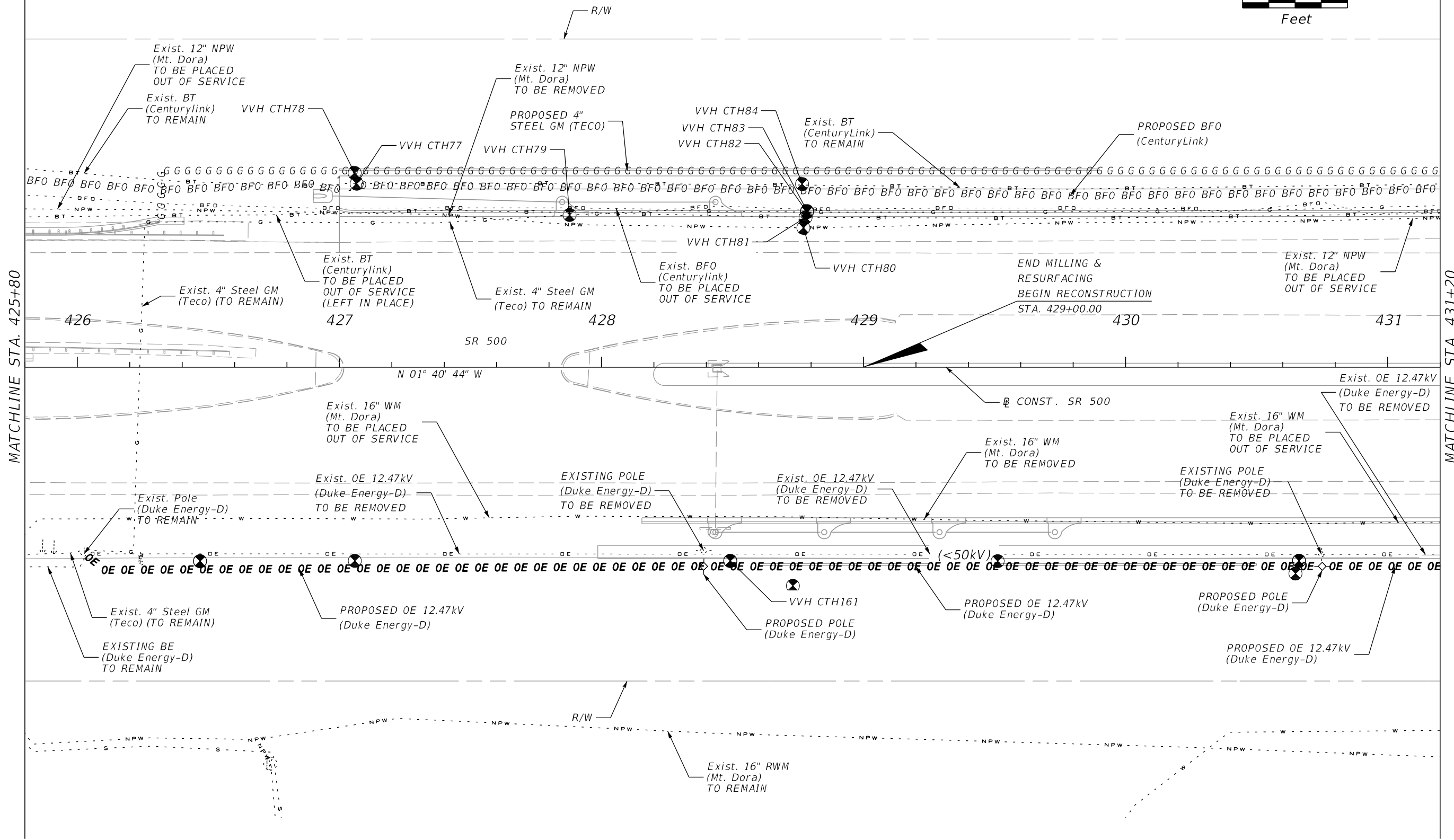
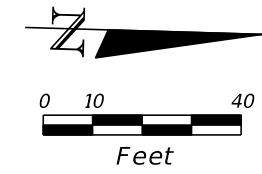
MATCHLINE STA. 420+40

MATCHLINE STA. 425+80



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 18 SR 500	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE		238275-2-52-01

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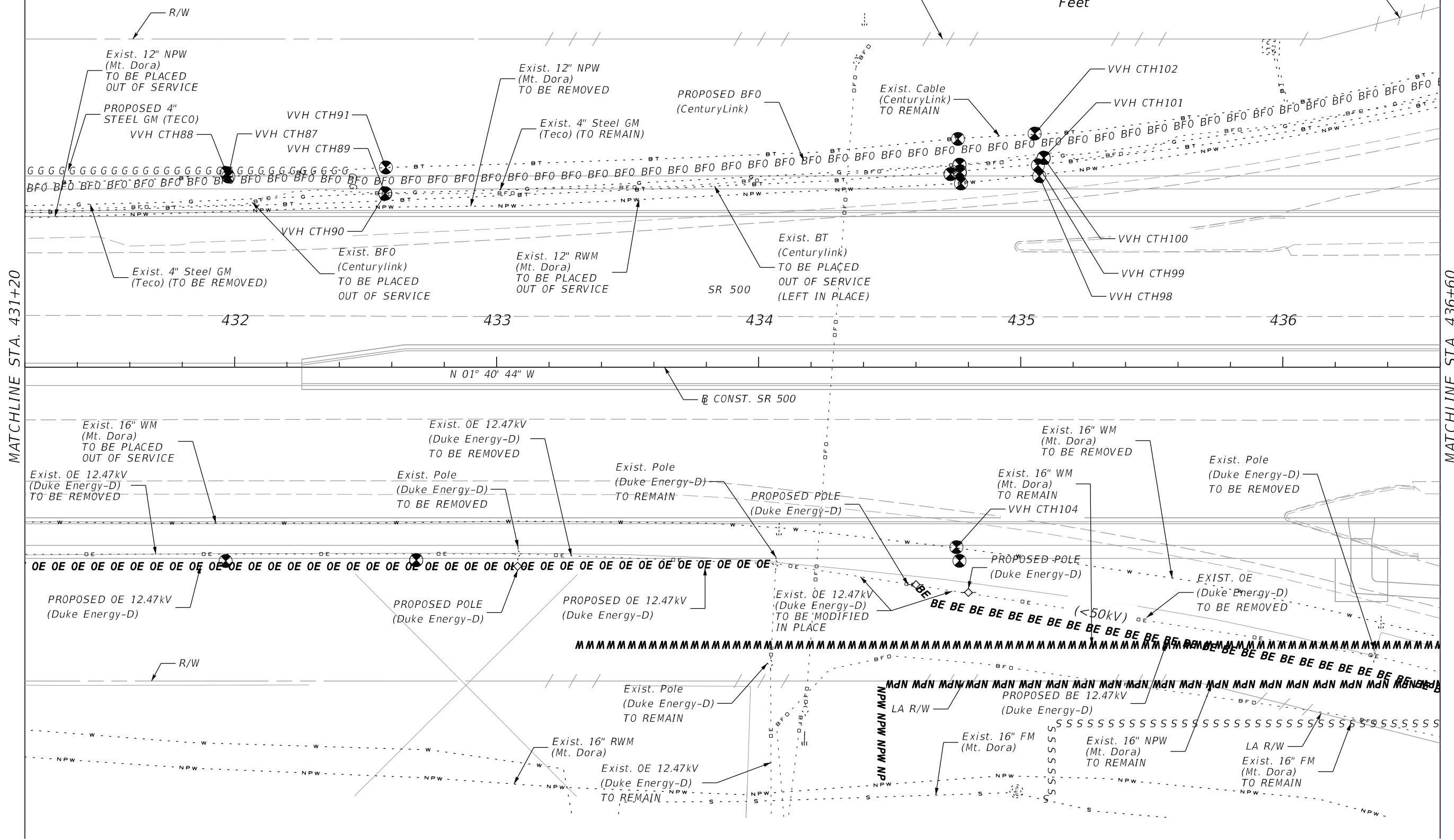
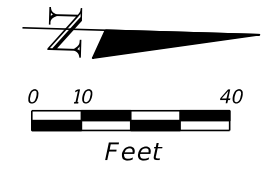


MATCHLINE STA. 425+80

MATCHLINE STA. 431+20

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 19 SR 500	SHEET NO. 568
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



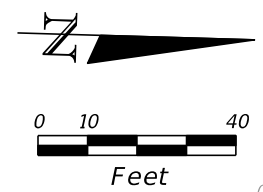
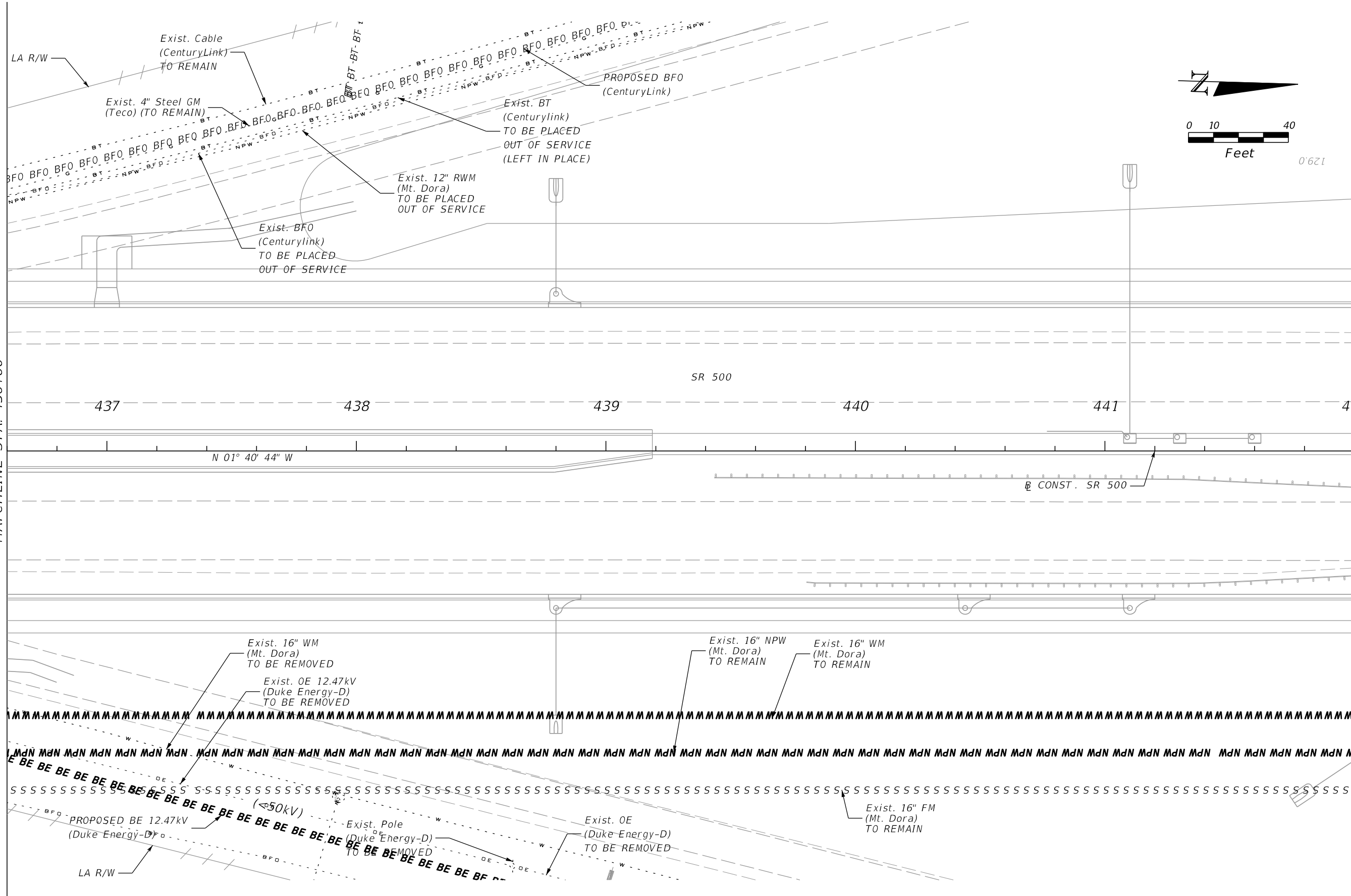
MATCHLINE STA. 431+20

MATCHLINE STA. 436+60

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 20 SR 500	SHEET NO. 569
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. 436+60

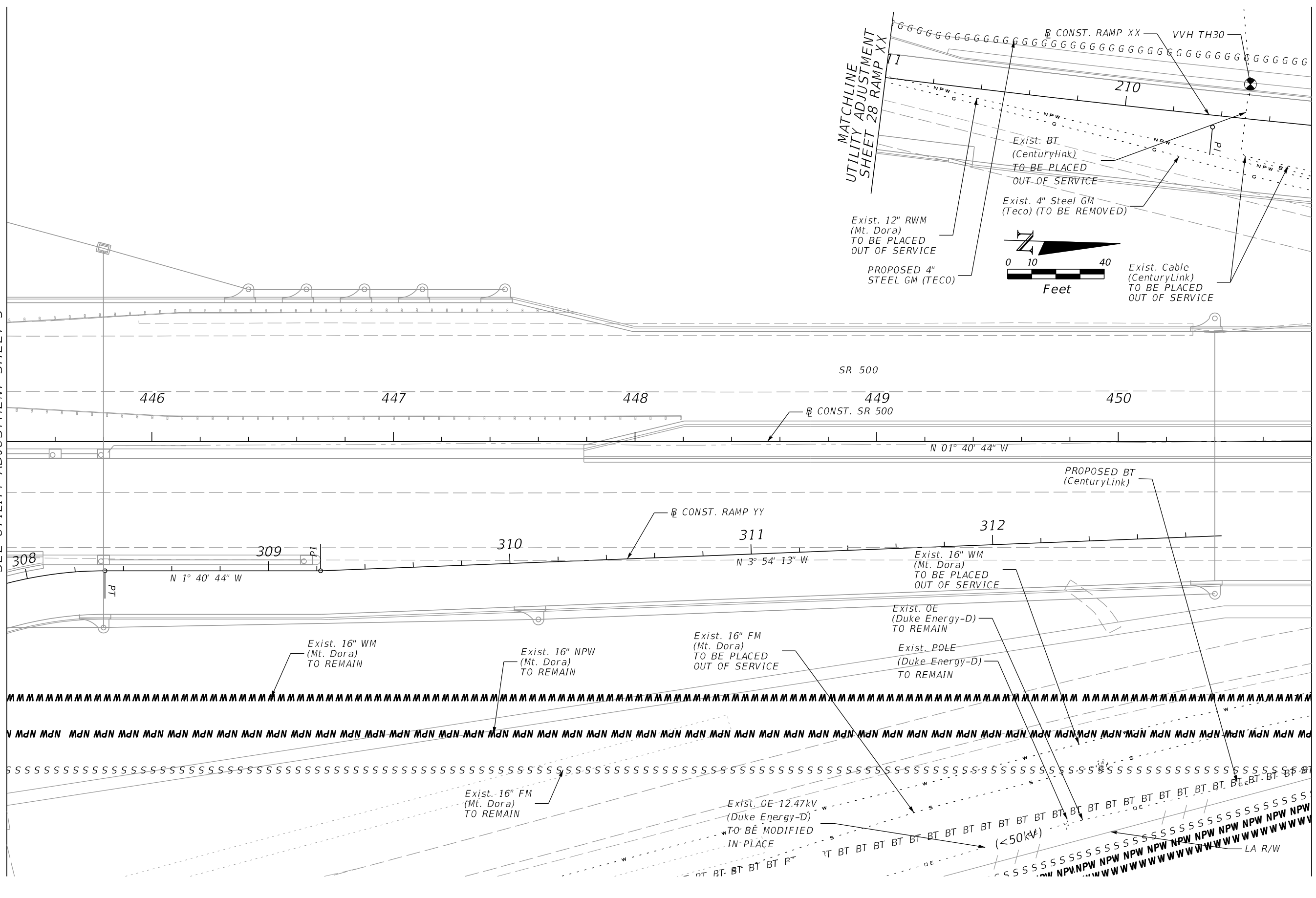


SEE UTILITY ADJUSTMENT SHEET 3

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 21 SR 500	SHEET NO. 570
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SEE UTILITY ADJUSTMENT SHEET 3



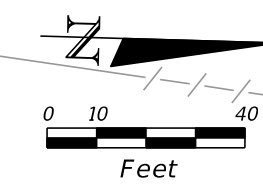
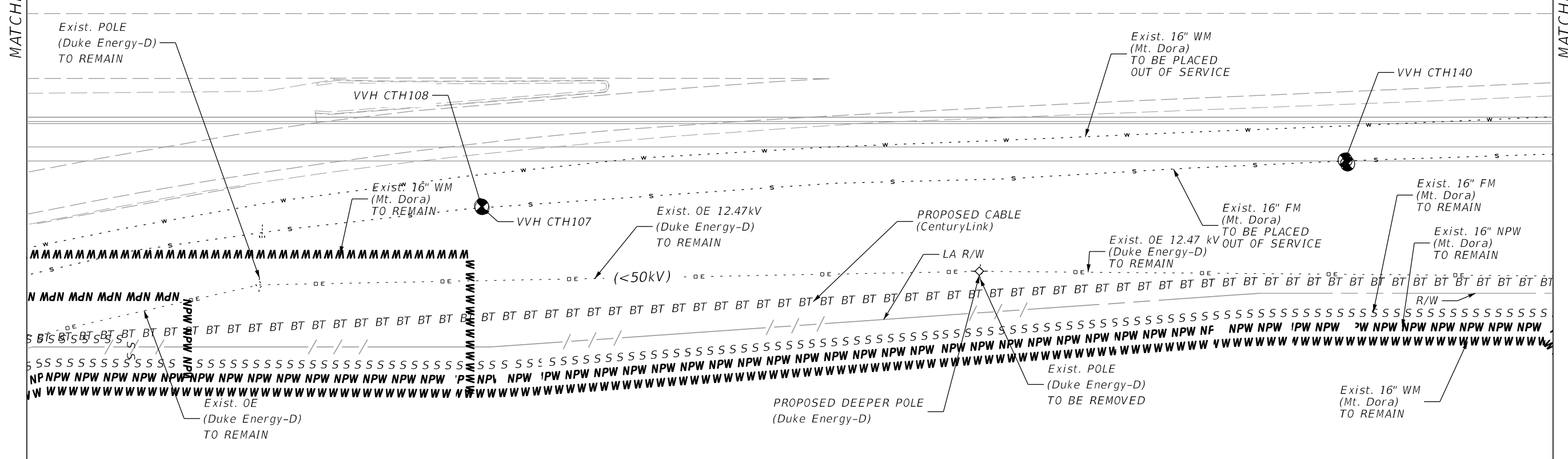
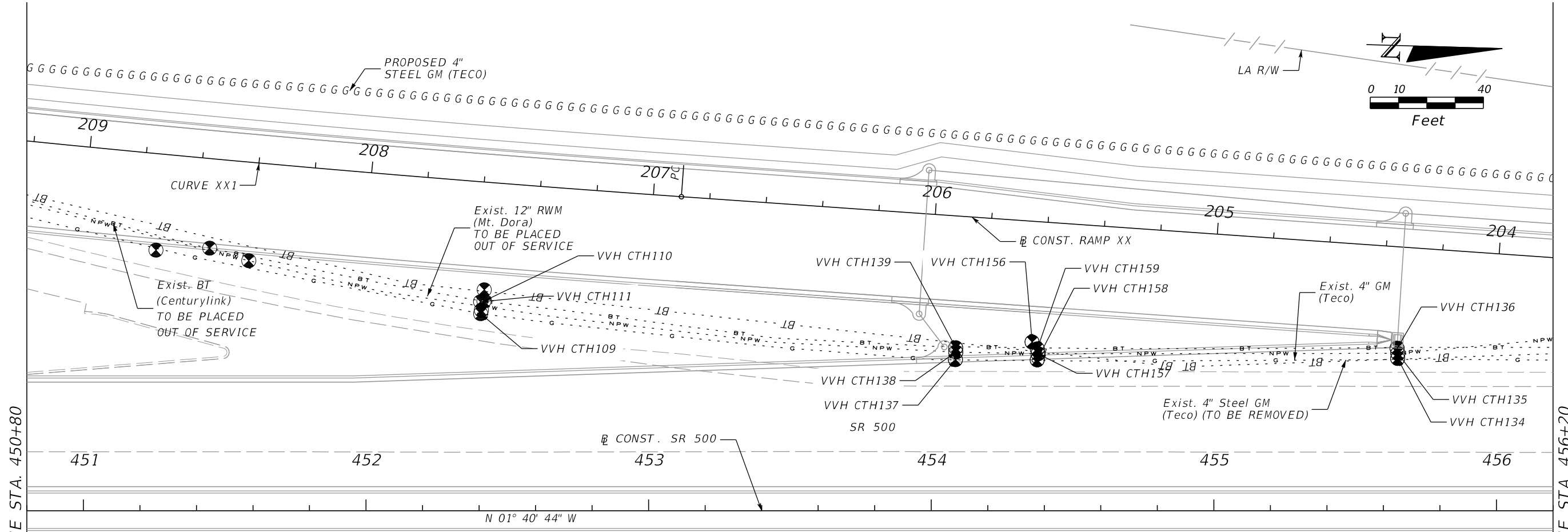
MATCHLINE STA. 450+80

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 22 SR 500	SHEET NO. 571
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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MATCHLINE STA. 450+80

MATCHLINE STA. 456+20



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

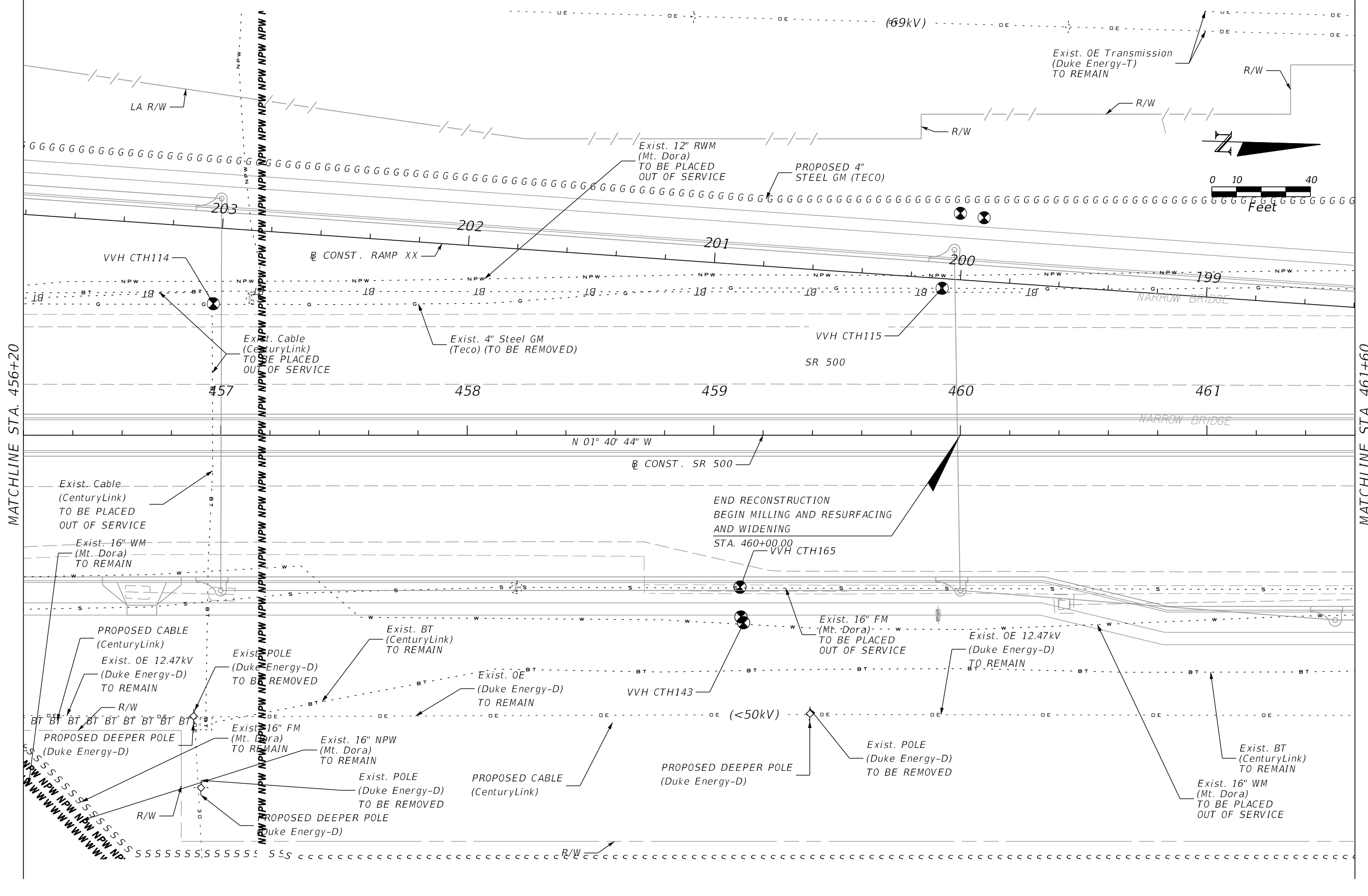
UTILITY ADJUSTMENT 23
SR 500

SHEET NO. 572

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MATCHLINE STA. 456+20

MATCHLINE STA. 461+60

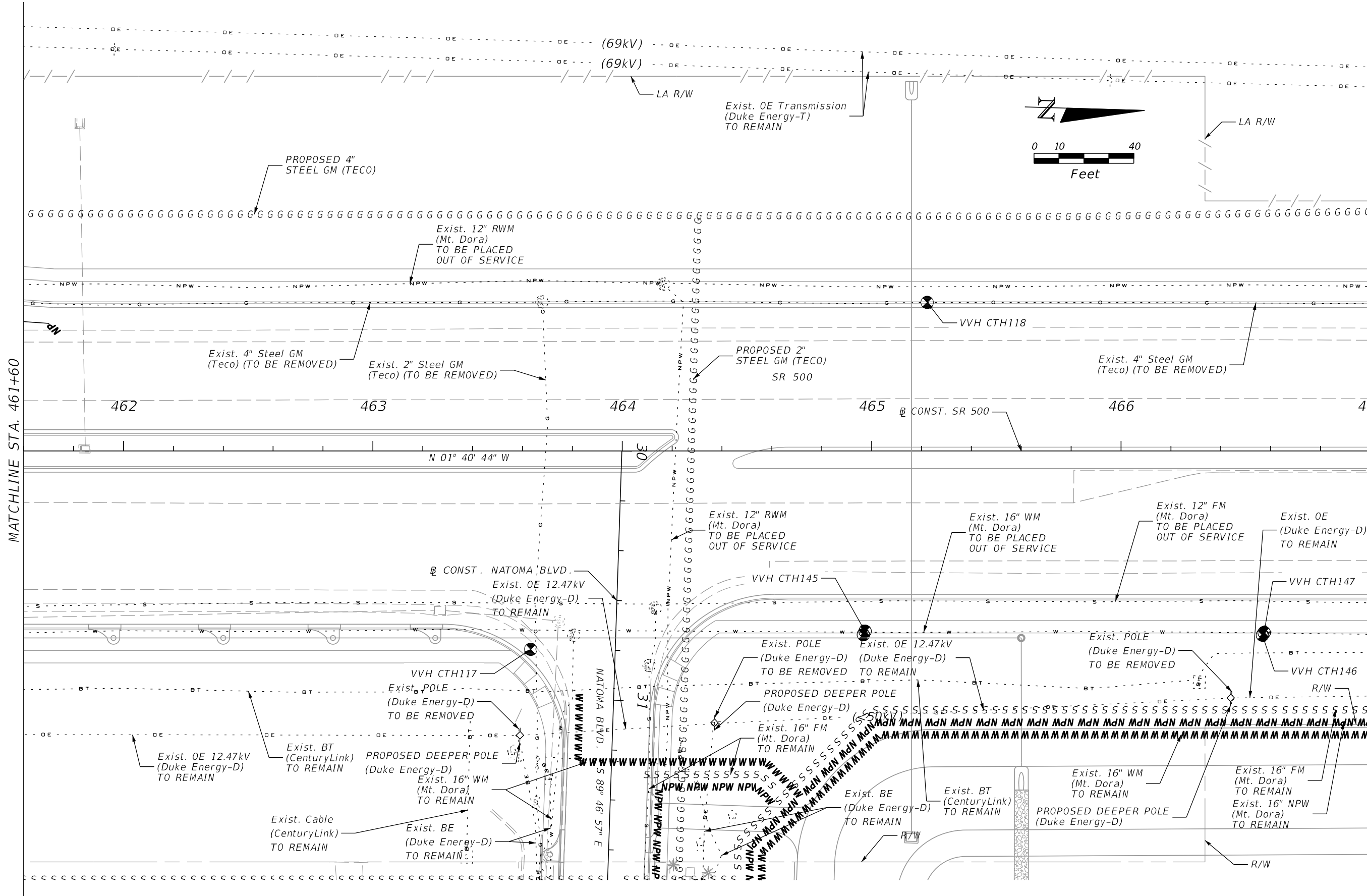


REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 24 SR 500	SHEET NO. 573
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

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MATCHLINE STA. 461+60

MATCHLINE STA. 467+00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

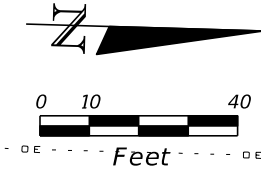
ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 25
SR 500

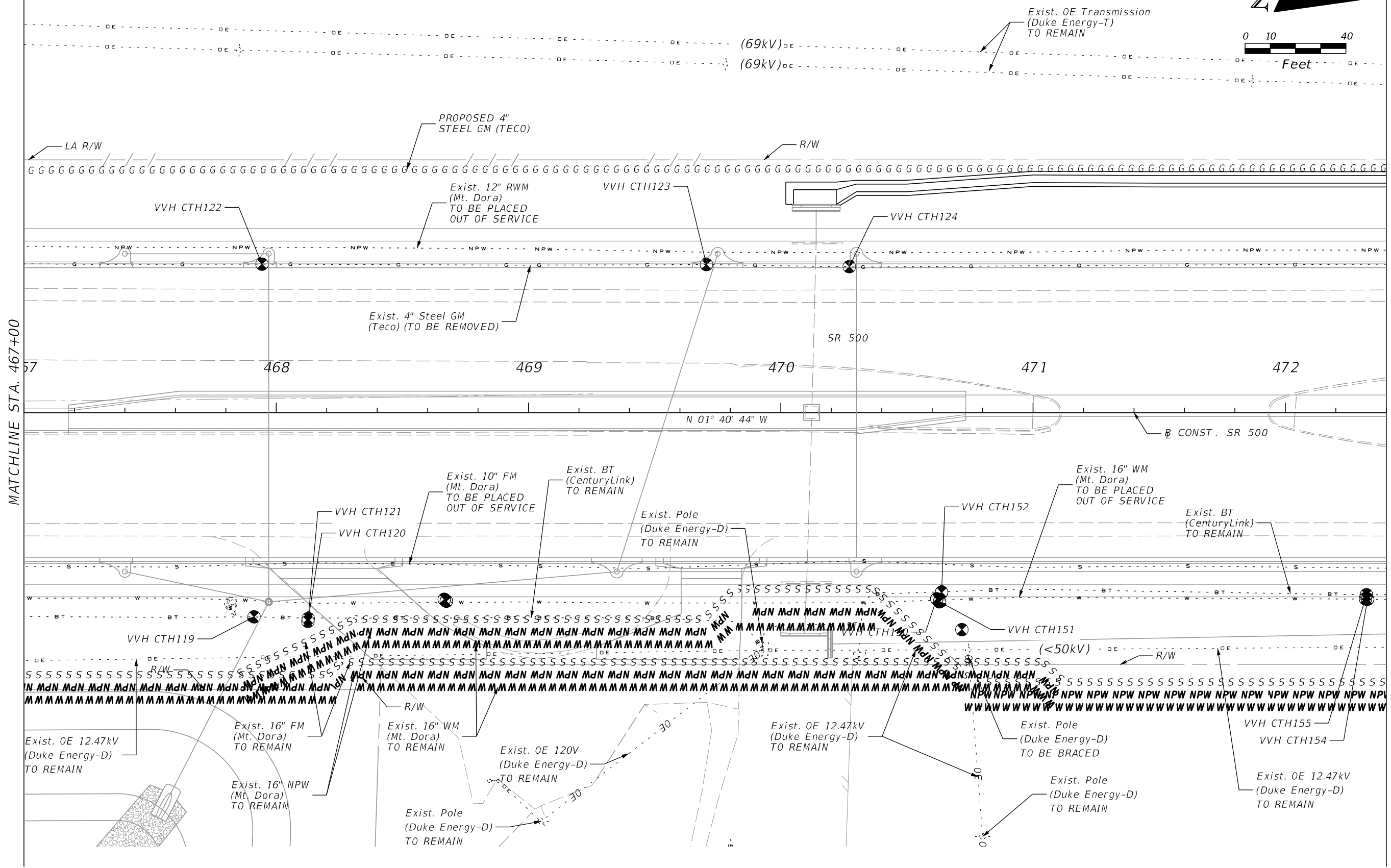
SHEET NO.
 574

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



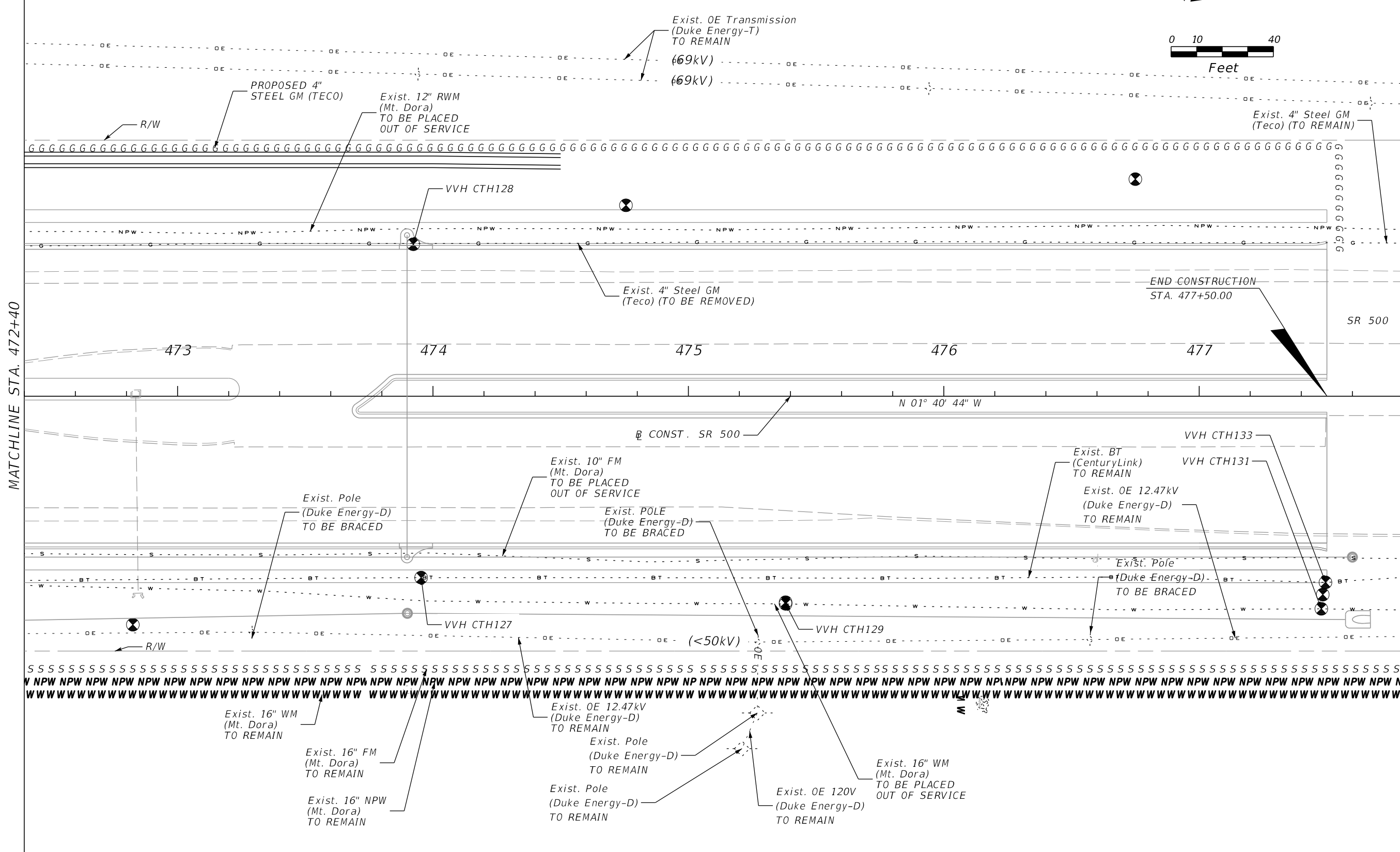
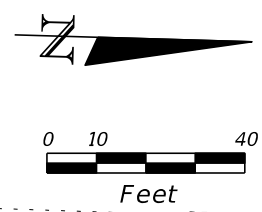
MATCHLINE STA. 467+00

MATCHLINE STA. 472+40



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 26 SR 500	SHEET NO. 575
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE	238275-2-52-01		

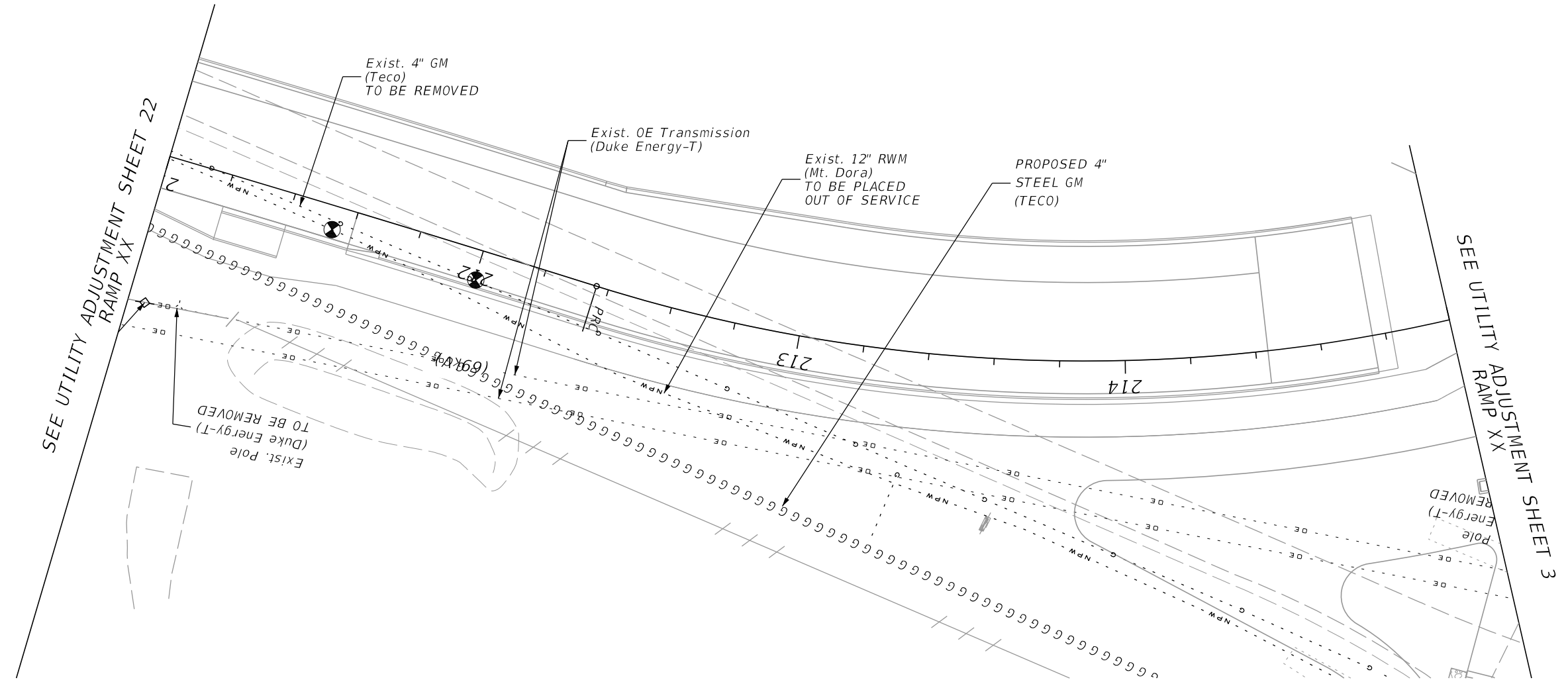
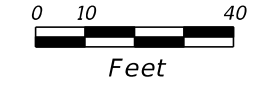
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MATCHLINE STA. 472+40

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT 27 SR 500	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	SR 46	LAKE		238275-2-52-01

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

 ENGINEER OF RECORD:
 FOREST W. ADKINS, P.E.
 FL REGISTRATION NO. 56003

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 46	LAKE	238275-2-52-01

UTILITY ADJUSTMENT 28
RAMP XX

SHEET NO.
 577

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF VERIFIED UTILITIES

Vvh #	UTILITY DESCRIPTION (Owner, Type)	SIZE	MATERIALS	R and/or C			EXISTING GROUND ELEVATION	TOP ELEVATION	COMMENTS
				STATION	OFFSET	LT/RT			
CTH1	CITY OF MOUNT DORA, WM	3"	DIP	24+79.22	32.5	RT	145.4	143.8	
CTH2	CENTURY LINK, FOC BT	1"	CABLE	24+79.25	29.9	RT	145.4	143.3	
CTH3	CENTURY LINK, BT	4-4"	PVC/DUCT	24+76.90	26.2	RT	145.2	142.5	
CTH4A	TECO GAS, GM	2"	STEEL	24+77.20	17.7	RT	147.5	144.4	
CTH4	CITY OF MOUNT DORA, FM	8"	DIP	24+78.08	20.6	RT	147.0	144.7	
CTH5	TECO GAS, GM	6"	STEEL	25+22.01	24.6	LT	147.5	145.0	
CTH7	TECO GAS, GM	6"	STEEL	25+39.72	24.9	LT	147.8	144.7	
CTH168	CITY OF MOUNT DORA, WM	2 1/2"	GALV. METAL	25+27.26	32.1	RT	145.5	143.7	
CTH170	CENTURY LINK, BT	3/4"	CABLE	25+27.38	30.9	RT	145.4	142.8	
CTH171	CENTURY LINK, BT	4-4"	PVC/DUCT	25+28.88	26.6	RT	145.3	143.2	
CTH8A	CENTURY LINK, BT	1"	CABLE	27+18.03	32.8	RT	144.7	142.6	
CTH8B	CENTURY LINK, BT	3/4"	CABLE	27+18.01	33.4	RT	144.8	142.6	
CTH8C	TECO GAS, GM	6"	STEEL	27+17.99	35.1	RT	145.0	143.0	
CTH8D	CITY OF MOUNT DORA, WM	6"	DIP	27+17.93	35.5	RT	145.0	141.9	
CTH166	CITY OF MOUNT DORA, WM	4"	DIP	27+73.04	31.1	LT	147.3	145.8	
CTH9	CITY OF MOUNT DORA, WM	6"	PVC	28+06.37	45.6	RT	145.7	143.1	
CTH10A	CENTURY LINK, BT	1"	CABLE	28+19.77	39.6	RT	145.1	143.6	
CTH10B	CENTURY LINK, BT	3/4"	CABLE	28+20.81	39.9	RT	145.2	143.2	
CTH10C	CENTURY LINK, BT	3/4"	CABLE	28+19.35	32.8	RT	144.6	141.9	
CTH11	CITY OF MOUNT DORA, WM	12"	DIP	28+13.15	19.9	LT	146.3	141.1	
CTH12	CENTURY LINK, BT	2"	PVC	28+34.56	60.2	LT	147.2	144.2	
CTH13	CENTURY LINK, BT	3/4"	CABLE	29+58.21	47.7	RT	146.8	144.3	
CTH14	TECO GAS, GM	4"	STEEL	30+17.58	38.4	RT	144.6	140.5	
CTH15	CITY OF MOUNT DORA, WM	4"	DIP	30+17.06	28.4	LT	146.2	142.7	
CTH16	TECO GAS, GM	4"	STEEL	31+98.88	53.2	RT	143.5	139.3	
CTH17	TECO GAS, GM	4"	STEEL	32+16.68	38.7	LT	142.8	139.3	
CTH18	CITY OF LEESBERG, FOC	2 1/2"	PVC	32+74.33	166.1	RT	148.6	145.6	
CTH19	CENTURY LINK, FOC	2"	HDPE	32+85.52	161.0	RT	146.5	143.8	
CTH23	CENTURY LINK, BT	4"	PVC	35+16.16	32.4	RT	137.3	132.8	
CTH24	CENTURY LINK, BT	4"	PVC	35+57.6	33.1	RT	136.4	132.2	
CTH28	CITY OF MOUNT DORA, WM	16"	DIP	441+58.44	228.9	RT	131.1	128.1	
CTH29	CITY OF MOUNT DORA, WM	16"	DIP	38+48.99	80.6	RT	125.2	122.5	
CTH30	CITY OF MOUNT DORA, UNKNOWN	UNKNOWN	UNKNOWN	39+00.83	78.8	RT	131.4	120.7	
CTH32	CITY OF MOUNT DORA, UNKNOWN	UNKNOWN	UNKNOWN	39+06.78	58.0	RT	123.4	114.9	
CTH35	CITY OF MOUNT DORA, WM	18"	STEEL	39+20.48	40.5	LT	123.9	117.6	
CTH36	CITY OF MOUNT DORA, RECLAIMED WM	16"	DIP	41+75.54	100.3	RT	110.3	106.8	
CTH37	CITY OF MOUNT DORA, RECLAIMED WM	16"	DIP	42+41.82	93.8	RT	108.3	102.3	
CTH38	CITY OF LEESBERG, FOC	2 1/2"	PVC	42+90.42	94.5	RT	106.2	103.7	
CTH39	CENTURY LINK, BT	2-4", 2"	CABLE, PVC	42+53.40	62.3	RT	108.4	105.8, 105.4	
CTH40	CENTURY LINK, BT	1"	PVC	42+54.01	59.7	RT	108.4	105.2	
CTH41	CENTURY LINK, BT	3"	CABLE	42+54.28	56.8	RT	108.4	106.1	
CTH42	DUKE ENERGY, BE	4"	HDPE	43+47.10	79.5	RT	102.5	98.6	
CTH43	CENTURY LINK, BT	2"	CABLE	43+56.51	77.2	RT	102.2	100.5	
CTH44A	UNKNOWN	1 1/2"	PVC	43+61.19	77.7	RT	102.1	98.4	
CTH44	CENTURY LINK, BT	4"	CABLE	43+61.19	76.8	RT	102.2	99.8	
CTH45	CENTURY LINK, BT	1"	CABLE	43+61.27	76.6	RT	102.3	100.2	
CTH46	CENTURY LINK, BT	2"	CABLE	43+61.32	76.4	RT	102.4	100.3	
CTH46A	CENTURY LINK, BT	1/2"	CABLE	43+61.33	76.3	RT	102.4	100.2	
CTH48	CENTURY LINK, BT	1 1/2", 4"	CABLE, PVC	46+53.67	62.5	RT	85.9	83.2, 82.2	
CTH49	CENTURY LINK, BT	4", 1 1/2"	PVC, CABLE	46+59.25	62.2	RT	85.7	83.3, 82.2	
CTH50	COMCAST, BT	2 1/2"	HDPE	46+59.18	60.6	RT	85.6	83.5	
CTH52	DUKE ENERGY, BE	4 1/2"	BE	47+39.25	62.1	RT	83.3	79.8	
CTH53	CENTURY LINK, BT	1 1/2"	CABLE	47+37.63	60.6	RT	83.4	80.6	
CTH55	STORMWATER DRAINAGE	36"	RCP	46+59.82	62.0	LT	90.6	84.9	
CTH56	CITY OF MOUNT DORA, WM	8"	PVC	46+92.74	58.7	LT	89.6	85.5	
CTH57	CENTURY LINK, BT	4"	CABLE	54+19.20	59.1	RT	77.3	74.0	
CTH59	CENTURY LINK, BT	1 1/2"	PVC	60+58.42	60.9	RT	78.0	73.2	
CTH60	CENTURY LINK, BT	4"	CABLE	60+58.74	59.0	RT	78.0	75.9	
CTH61	CENTURY LINK, BT	4"	CABLE	61+95.98	58.9	RT	76.8	73.7	
CTH61A	CENTURY LINK, BT	1 1/2"	PVC	61+96.59	61.5	RT	76.3	73.2	
CTH63	CENTURY LINK, BT	4"	CABLE	63+37.76	60.3	RT	76.3	73.5	
CTH64	CENTURY LINK, BT	1 1/2"	UNKNOWN	63+40.23	62.3	RT	76.0	72.9	
CTH175	CENTURY LINK, BT	1 1/2"	CABLE	64+39.47	63.9	RT	75.9	72.3	
CTH176	CENTURY LINK, BT	4"	PVC	64+39.26	61.4	RT	76.2	73.7	
CTH65	CENTURY LINK, BT	1 1/2"	PVC	64+47.61	64.6	RT	75.8	72.5	
CTH66	CENTURY LINK, BT	4"	CABLE	64+48.35	61.5	RT	76.3	73.6	
CTH67	CENTURY LINK, BT	1 1/2"	PVC	67+73.34	67.5	RT	77.8	74.3	
CTH68	CENTURY LINK, BT	4"	CABLE	67+74.38	65.8	RT	77.7	74.6	
CTH69	CITY OF MOUNT DORA, WM	16"	PVC	74+90.10	96.3	LT	81.4	76.7	

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877 ENGINEER OF RECORD: FOREST W. ADKINS, P.E. FL REGISTRATION NO. 56003	STATE OF FLORIDA			SUMMARY OF VERIFIED UTILITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		

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SUMMARY OF VERIFIED UTILITIES

Vvh #	UTILITY DESCRIPTION (Owner, Type)	SIZE	MATERIALS	B and/or C			EXISTING GROUND ELEVATION	TOP ELEVATION	COMMENTS
				STATION	OFFSET	LT/RT			
CTH70	CITY OF MOUNT DORA, WM	16"	PVC	75+35.61	99.9	LT	81.8	77.4	
CTH71	CENTURY LINK, BT	2"	PVC	76+98.53	75.5	RT	78.0	73.9	
CTH72	CENTURY LINK, BT	4"	CABLE	76+97.58	72.8	RT	78.2	74.7	
CTH73	CENTURY LINK, BT	4"	CABLE	78+49.90	74.5	RT	77.3	73.5	
CTH73A	CENTURY LINK, UNKNOWN	UNKNOWN	UNKNOWN	78+50.65	75.6	RT	78.1	72.0	
CTH74	CENTURY LINK, BT	2"	PVC	84+07.42	78.4	RT	77.9	74.3	
CTH75	CENTURY LINK, BT	4"	CABLE	84+07.07	73.5	RT	78.1	74.6	
CTH77	CENTURY LINK, BT	2 1/2"	CABLE	427+06.58	70.0	LT	111.2	108.6	
CTH79	TECO GAS, GM	4"	STEEL	427+87.83	58.1	LT	113.8	111.0	
CTH80	CITY OF MOUNT DORA, RECLAIMED WM	12"	PVC	428+77.05	53.2	LT	117.3	114.9	
CTH81	CENTURY LINK, BT	4"	CABLE	428+77.89	57.2	LT	116.8	113.1	
CTH82	TECO GAS, GM	4"	STEEL	428+78.44	59.2	LT	116.3	113.3	
CTH83	CENTURY LINK, FOC	1 1/2"	HDPE	428+78.44	59.2	LT	116.4	112.9	
CTH84	CENTURY LINK, BT	4"	PVC	428+76.55	69.9	LT	117.7	115.5	
CTH87	CENTURY LINK, BT	4"	PVC	431+97.61	72.8	LT	127.0	124.4	
CTH89	CENTURY LINK, FOC	1 1/2"	HDPE	432+57.47	66.4	LT	128.3	125.3	
CTH90	TECO GAS, GM	4"	STEEL	432+57.52	66.2	LT	128.2	125.2	
CTH91	CENTURY LINK, BT	4"	PVC	432+57.74	76.2	LT	129.7	126.2	
CTH92	CITY OF MOUNT DORA, RECLAIMED WM	12"	PVC	434+77.17	70.1	LT	135.7	132.4	
CTH94	CENTURY LINK, FOC	1 1/2"	HDPE	434+76.60	77.3	LT	134.7	131.6	
CTH95	CENTURY LINK, BT	4"	CABLE	434+76.78	74.7	LT	135.1	130.9	
CTH96	TECO GAS, GM	4"	STEEL	434+76.60	77.3	LT	134.7	132.2	
CTH97	CENTURY LINK, BT	4"	PVC	434+76.03	87.1	LT	136.1	133.4	
CTH98	CITY OF MOUNT DORA, RECLAIMED WM	12"	PVC	435+07.05	72.9	LT	136.6	133.2	
CTH99	CENTURY LINK, BT	4"	CABLE	435+06.55	77.0	LT	136.3	132.2	
CTH100	TECO GAS, GM	4"	STEEL	435+08.74	80.0	LT	135.9	133.2	
CTH101	CENTURY LINK, FOC	1 1/2"	HDPE	435+08.74	80.0	LT	135.8	132.7	
CTH102	CENTURY LINK, BT	4"	PVC	435+05.30	89.2	LT	136.7	134.2	
CTH104	CITY OF MOUNT DORA, WM	16"	DIP	434+75.43	68.7	RT	135.1	132.2	
CTH105	CITY OF LEESBERG, FOC	2"	PVC	439+56.11	221.7	LT	150.5	145.8	
CTH106	CITY OF LEESBERG, FOC	2 1/2"	PVC	440+23.96	229.2	LT	149.6	146.5	
CTH107	CITY OF MOUNT DORA, FM	8"	PVC	452+41.07	89.5	RT	139.7	136.4	
CTH109	TECO GAS, GM	4"	STEEL	452+40.57	69.8	LT	140.3	136.9	
CTH110	CENTURY LINK, BT	3/4"	CABLE	452+41.74	74.2	LT	139.3	137.5	
CTH111	CITY OF MOUNT DORA, RECLAIMED WM	12"	PVC	452+40.52	74.0	LT	139.6	136.3	
CTH137	TECO GAS, GM	4"	STEEL	454+08.56	53.5	LT	135.1	131.7	
CTH138	CITY OF MOUNT DORA, RECLAIMED WM	12"	PVC	454+08.68	56.1	LT	134.7	131.0	
CTH139	CENTURY LINK, BT	3/4"	CABLE	454+08.65	57.7	LT	134.5	132.1	
CTH140	CITY OF MOUNT DORA, FM	12"	PVC	455+46.44	72.7	RT	129.3	125.1	
CTH157	CITY OF MOUNT DORA, RECLAIMED WM	12"	PVC	454+37.78	55.6	LT	133.7	130.3	
CTH158	TECO GAS, GM	4"	STEEL	454+37.50	53.4	LT	134.0	130.3	
CTH159	CENTURY LINK, BT	3/4"	CABLE	454+37.52	57.3	LT	133.5	131.2	
CTH134	TECO GAS, GM	4"	STEEL	455+65.03	53.9	LT	129.7	125.9	
CTH135	CITY OF MOUNT DORA, RECLAIMED WM	12"	PVC	455+65.08	55.7	LT	129.6	125.4	
CTH136	CENTURY LINK, BT	3/4"	CABLE	455+64.83	57.6	LT	129.3	126.7	
CTH114	TECO GAS, GM	4"	STEEL	456+97.01	53.3	LT	125.0	121.5	
CTH115	TECO GAS, GM	4"	STEEL	459+92.61	59.6	LT	113.0	108.9	
CTH143	CITY OF MOUNT DORA, WM	18"	DIP	459+12.06	76.1	RT	114.5	109.2	
CTH165	CITY OF MOUNT DORA, FM	12"	PVC	459+10.59	61.7	RT	117.0	112.2	
CTH145	CITY OF MOUNT DORA, WM	18"	DIP	464+97.38	72.3	RT	92.7	89.4	
CTH118	TECO GAS, GM	4"	STEEL	465+22.26	59.6	LT	95.4	92.1	
CTH147	CITY OF MOUNT DORA, WM	18"	DIP	466+57.40	72.8	RT	88.7	85.3	
CTH119	CENTURY LINK, BT	1/2"	CABLE	467+91.19	80.9	RT	84.9	82.2	
CTH121	CENTURY LINK, BT	1/2"	CABLE	468+12.70	81.6	RT	87.3	85.1	
CTH122	TECO GAS, GM	4"	STEEL	467+94.34	58.9	LT	90.1	86.5	
CTH123	TECO GAS, GM	4"	STEEL	469+70.54	58.7	LT	89.2	84.1	
CTH124	TECO GAS, GM	4"	STEEL	470+27.15	57.9	LT	89.2	82.0	
CTH149	CITY OF MOUNT DORA, WM	18"	DIP	468+67.43	74.7	RT	87.0	83.7	
CTH151	CITY OF MOUNT DORA, WM	18"	DIP	470+62.88	75.0	RT	85.8	82.7	
CTH152	CENTURY LINK, BT	3/4"	CABLE	470+63.73	71.2	RT	86.7	83.1	
CTH154	CITY OF MOUNT DORA, WM	18"	DIP	472+32.57	73.9	RT	87.1	83.7	
CTH155	CENTURY LINK, BT	3/4"	CABLE	472+32.12	72.2	RT	87.4	84.0	
CTH127	CENTURY LINK, BT	1/2"	CABLE	473+95.37	71.0	RT	91.2	87.9	
CTH128	TECO GAS, GM	4"	STEEL	473+92.30	59.5	LT	94.1	90.1	
CTH129	CITY OF MOUNT DORA, WM	16"	DIP	475+38.02	81.5	RT	92.5	89.7	
CTH131	CITY OF MOUNT DORA, WM	16"	DIP	477+47.83	83.3	RT	99.3	95.6	
CTH133	CENTURY LINK, BT	1/2"	CABLE	477+49.46	72.9	RT	102.5	99.9	
TH1	TECO GAS, GM	1 3/4"	HDPE	25+99.26	17.1	RT	147.2	143.8	
TH2	TECO GAS, GM	4"	STEEL	30+25.64	38.8	RT	144.8	140.6	

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF VERIFIED UTILITIES	SHEET NO. 579
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 46	LAKE	238275-2-52-01		

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SUMMARY OF VERIFIED UTILITIES

Vvh #	UTILITY DESCRIPTION (Owner, Type)	SIZE	MATERIALS	℅ and/or ℄			EXISTING GROUND ELEVATION	TOP ELEVATION	COMMENTS
				STATION	OFFSET	LT/RT			
TH3	CENTURY LINK, BT	3/4"	UNKNOWN	30+25.31	40.9	RT	145.1	142.2	
TH4	CENTURY LINK, BT	4", 1 1/2"	PVC, CABLE	32+17.49	60.5	RT	142.8	140.0	
TH5	TECO GAS, GM	4"	WRAPPED STEEL	32+17.59	60.1	RT	142.5	138.6	
TH6	CITY OF MOUNT DORA, RECLAIMED WM	12"	PVC	32+32.88	59.4	RT	140.8	135.7	
TH7	CENTURY LINK, BT	3"	UNKNOWN	32+36.40	54.5	RT	142.4	138.2	
TH8	CITY OF MOUNT DORA, RECLAIMED WM	24"	STEEL SLEEVE	32+06.64	37.3	LT	142.9	138.1	
TH9	TECO GAS, GM	4"	WRAPPED STEEL	32+07.86	36.0	LT	142.9	139.6	
TH10	CENTURY LINK, BT	4-4"	PVC DUCT	35+38.91	32.2	RT	136.8	132.5	
TH11	CENTURY LINK, BT	4-4"	PVC DUCT	35+72.56	32.5	RT	135.9	131.6	
TH13	CITY OF MOUNT DORA, WM	16"	DIP	38+16.84	141.3	RT	126.0	123.5	
TH14	CITY OF LEESBURG, FOC	2"	HDPE	38+80.08	134.0	RT	140.0	137.4	
TH15	CITY OF MOUNT DORA, WM	16"	DIP	39+26.92	129.6	RT	135.3	132.6	
TH16	CITY OF MOUNT DORA, FM	16"	PVC	39+26.53	127.8	RT	135.1	130.6	
TH17	CITY OF MOUNT DORA, FM	10"	HDPE	39+21.72	131.0	RT	135.9	130.8	
TH18	CITY OF MOUNT DORA, WM	16"	DIP	37+93.69	197.3	RT	130.6	127.1	
TH19	CITY OF MOUNT DORA, FM	16"	PVC	38+93.08	185.9	RT	141.4	138.0	
TH20	CITY OF MOUNT DORA, RECLAIMED WM	16"	DIP	38+65.91	182.2	RT	143.4	139.6	
TH21	CITY OF LEESBURG, FOC	2"	HDPE	38+52.38	188.0	RT	144.8	142.3	
TH22	DUKE ENERGY, BE	4"	PVC	42+77.19	133.5	RT	106.6	103.4	
TH23	CENTURY LINK, BT	3/4"	UNKNOWN	42+80.59	134.2	RT	106.1	103.6	
TH24	CENTURY LINK, BT	2"	PVC	62+14.34	61.4	RT	76.3	73.1	
TH25	CENTURY LINK, BT	3"	UNKNOWN	62+15.15	59.2	RT	76.6	74.2	
TH26	TECO GAS, GM	1"	PLASTIC	74+98.94	133.5	LT	82.1	79.0	
TH27	TECO GAS, GM	1"	PLASTIC	75+27.23	134.9	LT	81.8	78.7	
TH28	TECO GAS, GM	4"	STEEL	448+05.32	172.8	LT	146.1	142.5	
TH29	CITY OF MOUNT DORA, RECLAIMED WM	12"	PVC	448+51.15	164.7	LT	146.4	143.0	
TH30	CENTURY LINK, BT	1/2"	UNKNOWN	450+54.74	147.9	LT	154.1	151.4	
TH31	TECO GAS, GM	4"	STEEL	451+25.68	92.2	LT	143.4	139.9	
TH32	CENTURY LINK, BT	3/4"	UNKNOWN	451+44.68	92.9	LT	141.9	140.1	
TH33	CITY OF MOUNT DORA, RECLAIMED WM	12"	PVC	451+58.52	88.5	LT	142.1	138.5	

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					SR 46	LAKE	238275-2-52-01		580

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