

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 866-2552 ENGINEER OF RECORD PAUL O. SNEAD, P.E. P.E. NUMBER: 30982	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01	SCALE 1" = 40' Horizontal 1" = 10' Vertical
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Subsoil Exc.	Regular Exc.	Embankment
A	A	A
V	V	V
A	A	A
V	V	V

CR 46A	CR 46A	CR 46A	CR 46A
0.00	207.27	0.14	0.26
0.00	0.00	0.00	0.00
0.00	251.18	0.00	0.00
0.00	949.92	0.00	0.00

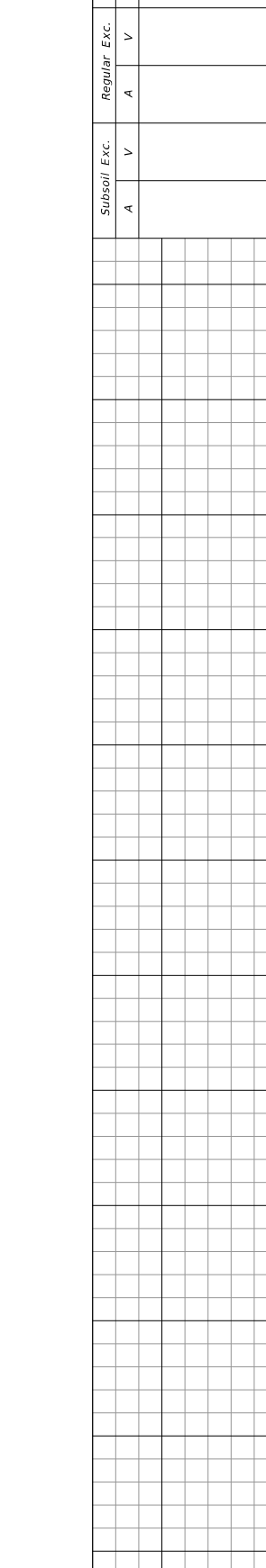
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CROSS SECTIONS

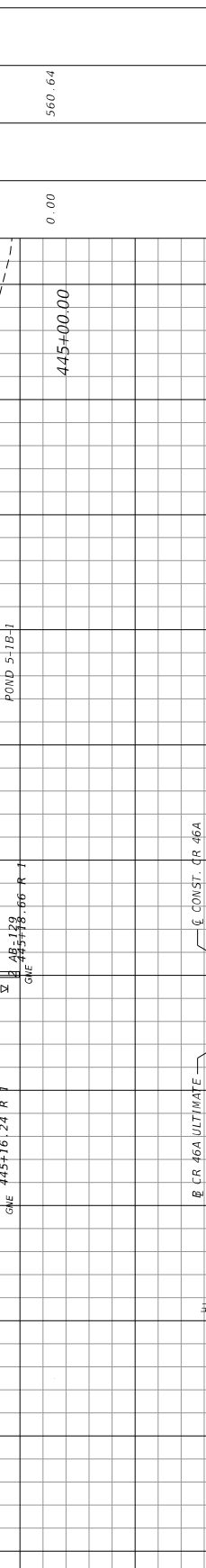
SHEET NO.

200

CR 46A



DATE	REVISIONS	DESCRIPTION	Subsoil Exc.		Regular Exc.		Embankment	
			A	V	A	V	A	V
			0.00		1236.81		289.29	
			0.00		560.64		105.40	
			0.00		407.21		224.93	
			0.00		101.43		49.21	
							CR 46A	



DATE	REVISIONS	DESCRIPTION	Subsoil Exc.		Regular Exc.		Embankment	
			A	V	A	V	A	V
			0.00		1236.81		289.29	
			0.00		560.64		105.40	
			0.00		407.21		224.93	
			0.00		101.43		49.21	
							CR 46A	

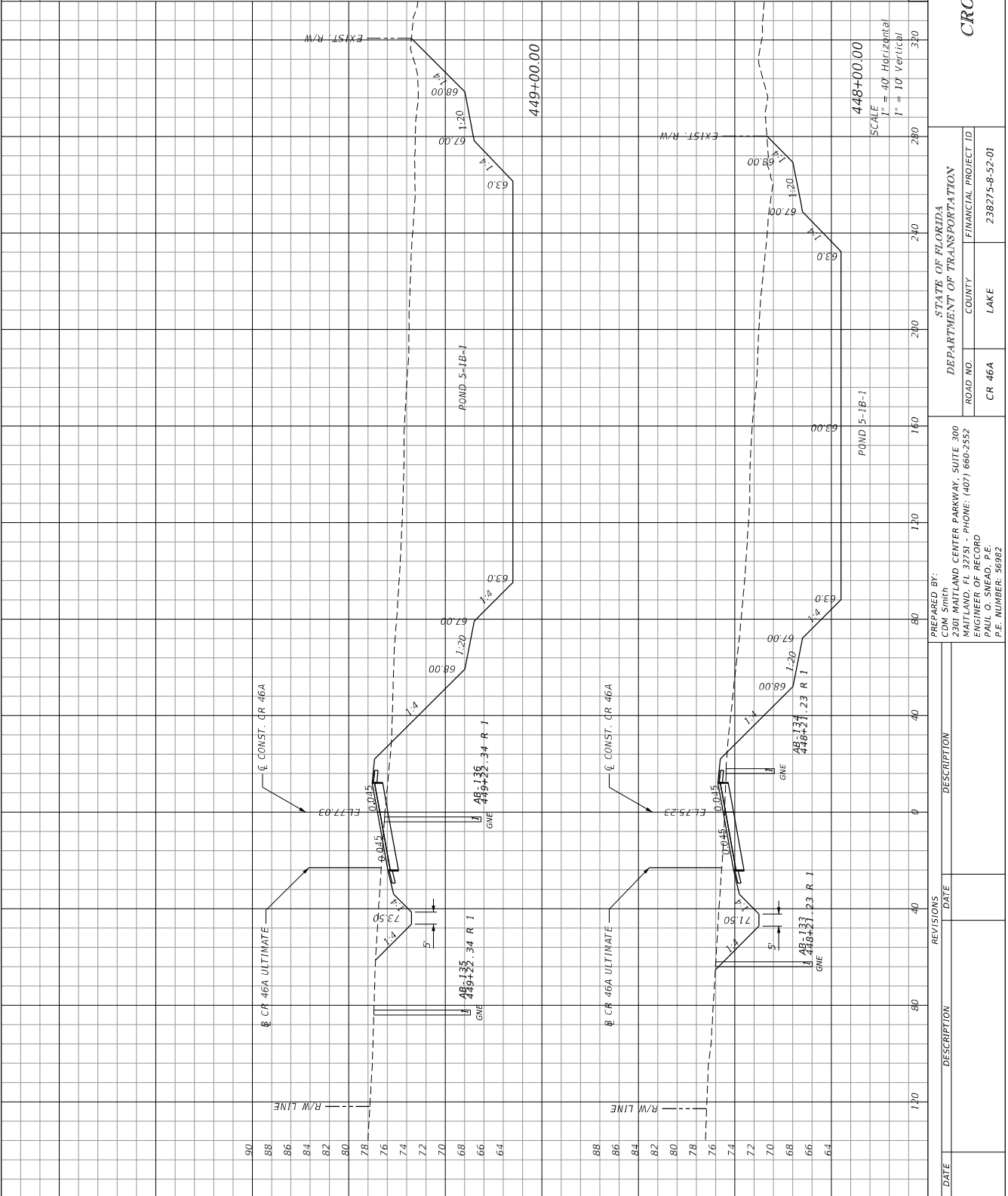
PREPARED BY:
CDM Smith
2301 MITLAND CENTER PARKWAY, SUITE 300
MITLAND, FL 32751 - PHONE: (407) 866-2552
ENGINEER OF RECORD
PAUL O. SNEAD, P.E.
P.E. NUMBER: 30382

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROAD NO. CR 46A
COUNTY LAKE
FINANCIAL PROJECT ID 238275-8-52-01
WHEREBYP

SHEET NO. 202

DATE DESCRIPTION

DATE	DESCRIPTION	REVISIONS		DESCRIPTION		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO. CR 46A	COUNTY LAKE	FINANCIAL PROJECT ID 238274-8-52-01	SHEET NO. 204
		DATE	DESCRIPTION	DATE	DESCRIPTION					
						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	CR 46A	LAKE	238274-8-52-01	204



Subsoil Exc.	Regular Exc.	Embankment
A	A	A
V	V	V
0.00	9154.17	52.31
0.00	2650.15	20.66
0.00	6605.06	15.13
0.00	1968.16	5.73
		CR 46A

11/14/2015 1:56:44 PM

WHEELEGTP

PREPARED BY: CDM Smith, 2301 MAITLAND CENTER PARKWAY, SUITE 300, MAITLAND, FL 32751 - PHONE: (407) 866-2552, ENGINEER OF RECORD: PAUL O. SNEAD, P.E., P.E. NUMBER: 30382

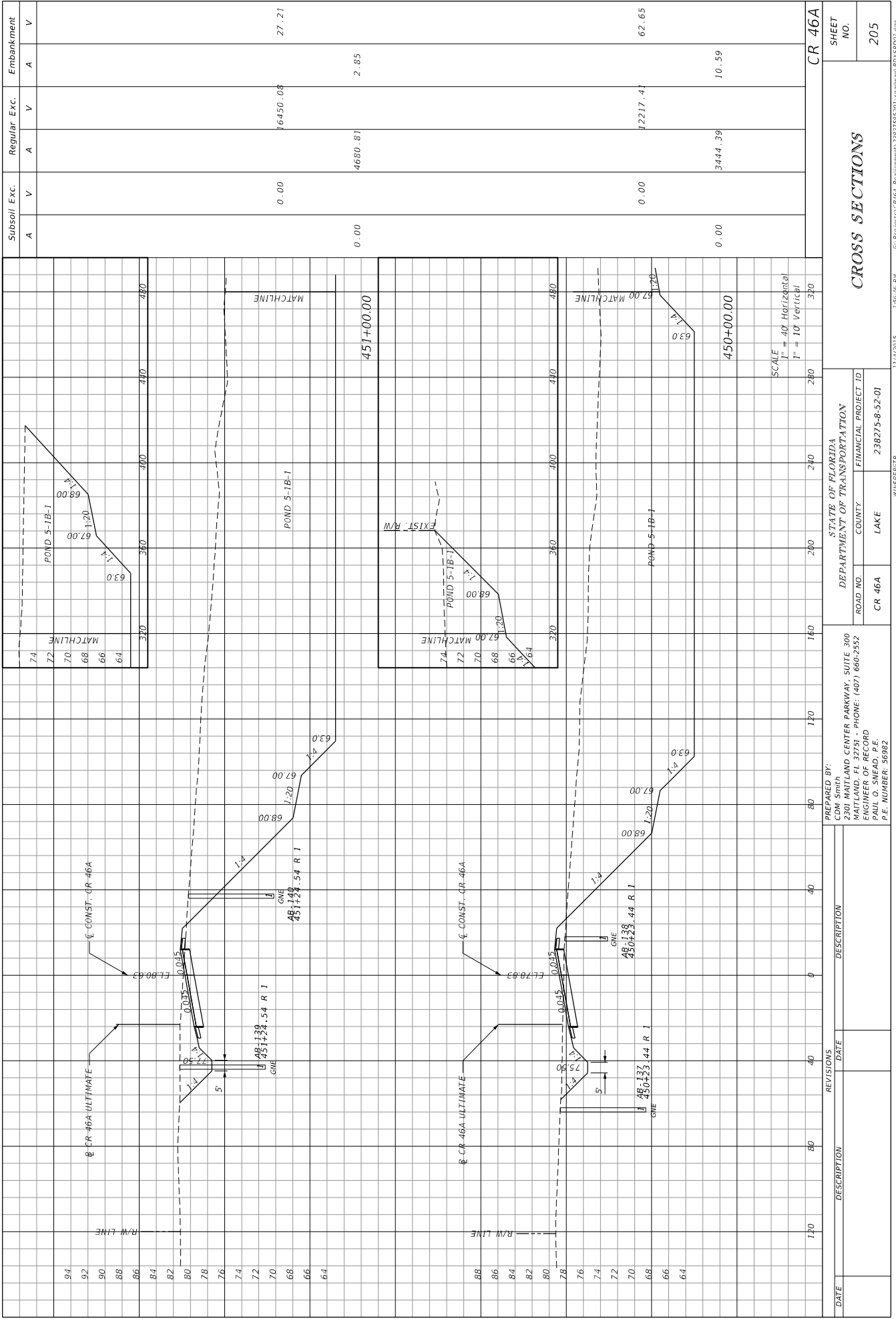
CR 46A

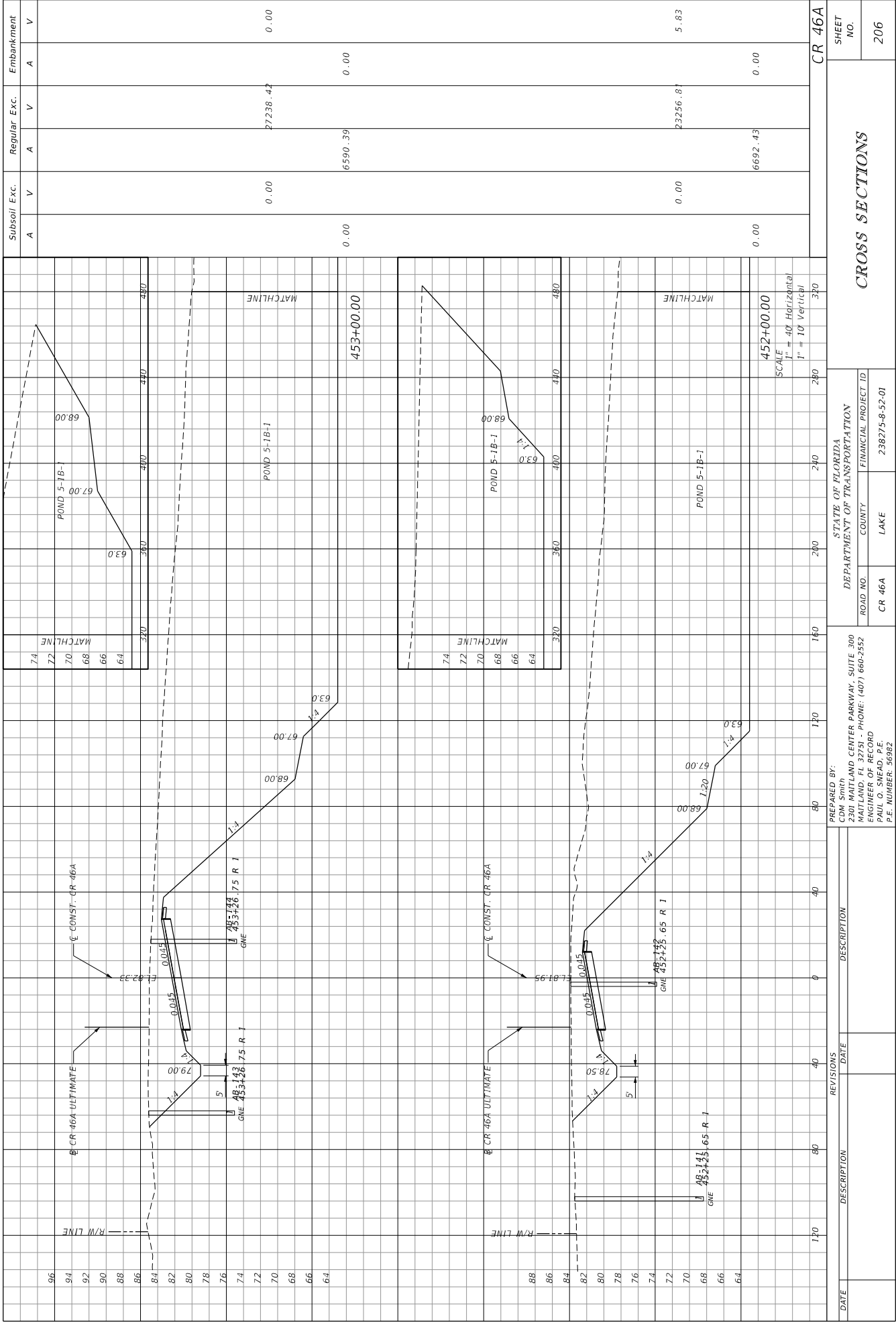
LAKE

238274-8-52-01

204

CR 46A





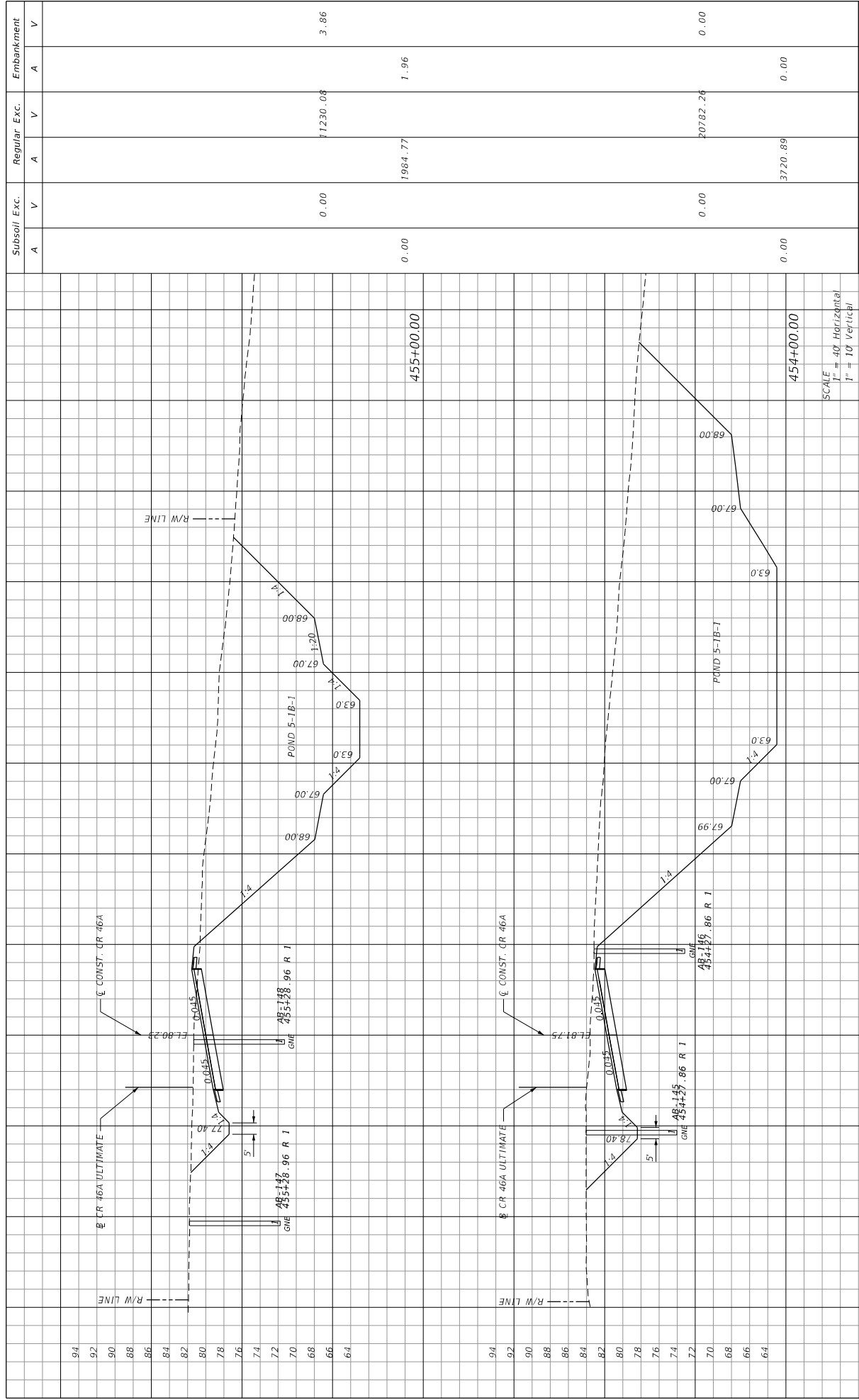
Subsoil Exc.	Regular Exc.		Embankment
	A	V	
0.00	27238.42	0.00	0.00
0.00	6590.39	0.00	0.00
0.00	23256.81	0.00	5.83
0.00	6692.43	0.00	0.00

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION
 ROAD NO. CR 46A
 COUNTY LAKE
 FINANCIAL PROJECT ID 238275-8-52-01

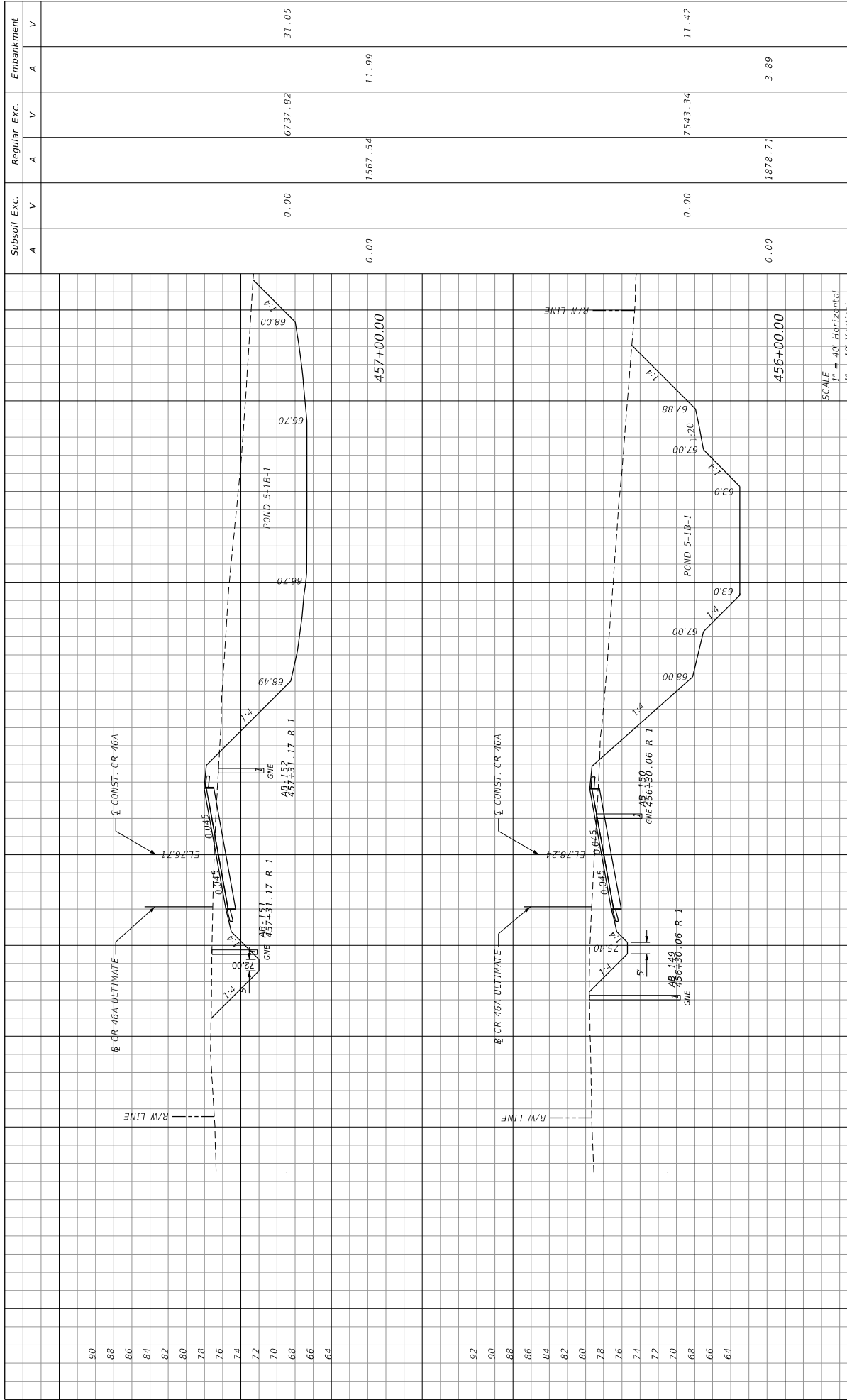
PREPARED BY:
 CDM Smith
 2301 MITLAND CENTER PARKWAY, SUITE 300
 MITLAND, FL 32751 - PHONE: (407) 866-2552
 ENGINEER OF RECORD
 PAUL O. SNEAD, P.E.
 P.E. NUMBER: 30382

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

CROSS SECTIONS



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	STATE OF FLORIDA			ROAD NO.	COUNTY	LAKE	FINANCIAL PROJECT ID	ROAD NO.	COUNTY	LAKE	FINANCIAL PROJECT ID	ROAD NO.	COUNTY	LAKE	FINANCIAL PROJECT ID
					DEPARTMENT OF TRANSPORTATION	CR 46A	LAKE												
				<p>PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 866-2552 ENGINEER OF RECORD PAUL O. SNEAD, P.E. P.E. NUMBER: 30382</p>												<p>WHEEGER TP 11/4/2015 1:56:50 PM G:\Projects\CR46A_Realign\238275\2015\roadway\RD5\RD01.dgn</p>			
					<p>CR 46A</p>					<p>CROSS SECTIONS</p>					<p>SHEET NO. 207</p>				



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
			120	
			160	
			80	
			40	
			0	
			40	
			80	
			120	
			160	
			200	
			240	
90				
88				
86				
84				
82				
80				
78				
76				
74				
72				
70				
68				
66				
64				

Subsoil Exc.	Regular Exc.	Embankment
A	A	A
V	V	V
0.00	1567.54	11.99
0.00	6737.82	31.05
0.00	7543.34	11.42
0.00	1878.71	3.89
CR 46A		

SCALE
1" = 40' Horizontal
1" = 10' Vertical

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROAD NO. CR 46A
COUNTY LAKE
FINANCIAL PROJECT ID 238274-8-52-01

PREPARED BY:
CDM Smith
2301 MAITLAND CENTER PARKWAY, SUITE 300
MAITLAND, FL 32751 - PHONE: (407) 866-2552
ENGINEER OF RECORD
PAUL O. SNEAD, P.E.
P.E. NUMBER: 30382

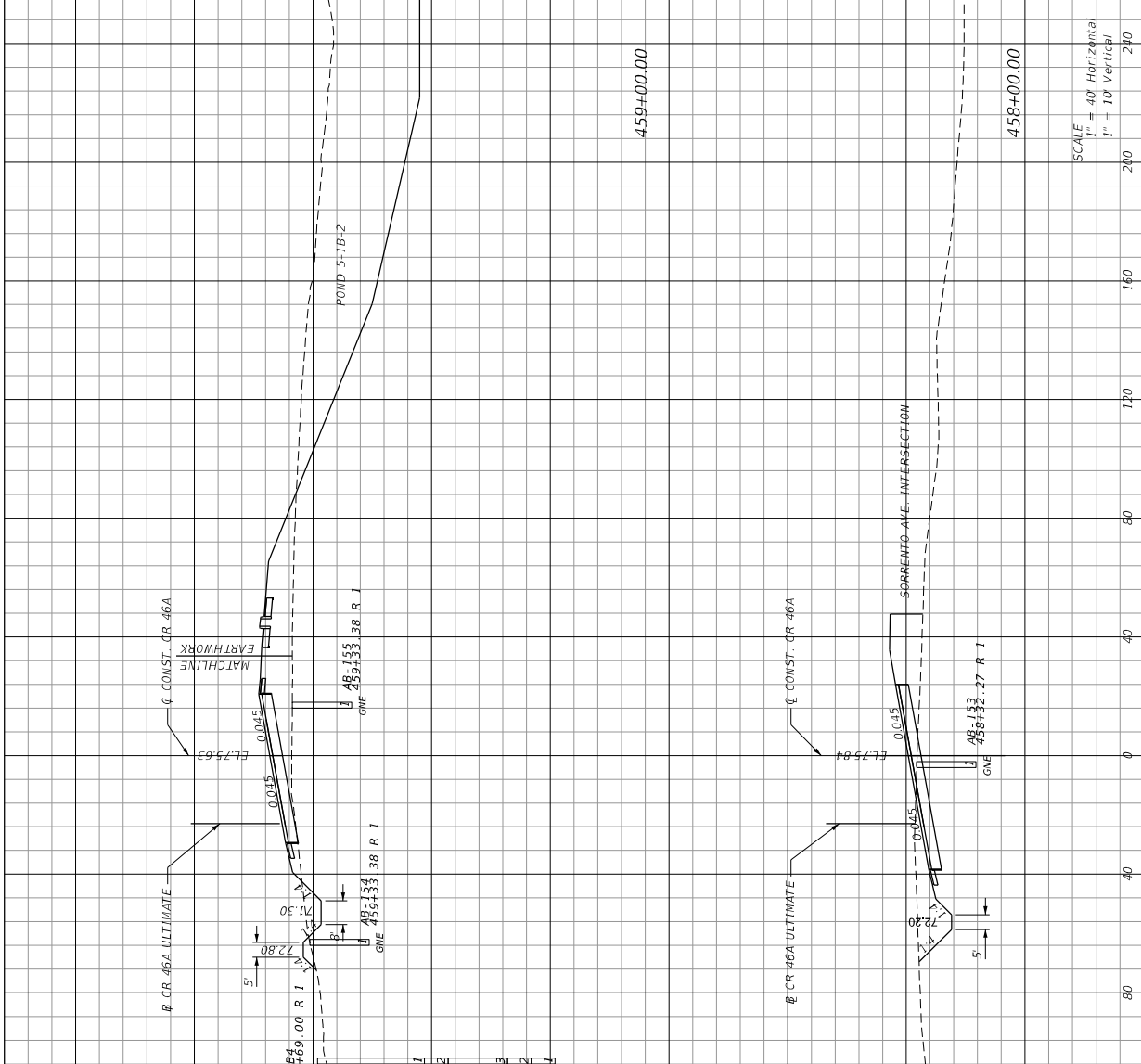
WHEBERGTP

11/4/2015

1:56:52 PM

G:\Projects\CR46A_Realign\CR46A_238274-8-52-01\roadway\RD5\RD01.dgn

Subsoil Exc.	Regular Exc.		Embankment	
	A	V	A	V
0.00		234.98		273.23
0.00		17.88		78.31
0.00		3185.82		155.32
0.00		109.47		69.77
CR 46A				



SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY: CDM Smith
 2301 MAITLAND CENTER PARKWAY, SUITE 300
 MAITLAND, FL 32751 - PHONE: (407) 866-2552
 ENGINEER OF RECORD
 PAUL O. SNEAD, P.E.
 P.E. NUMBER: 30982

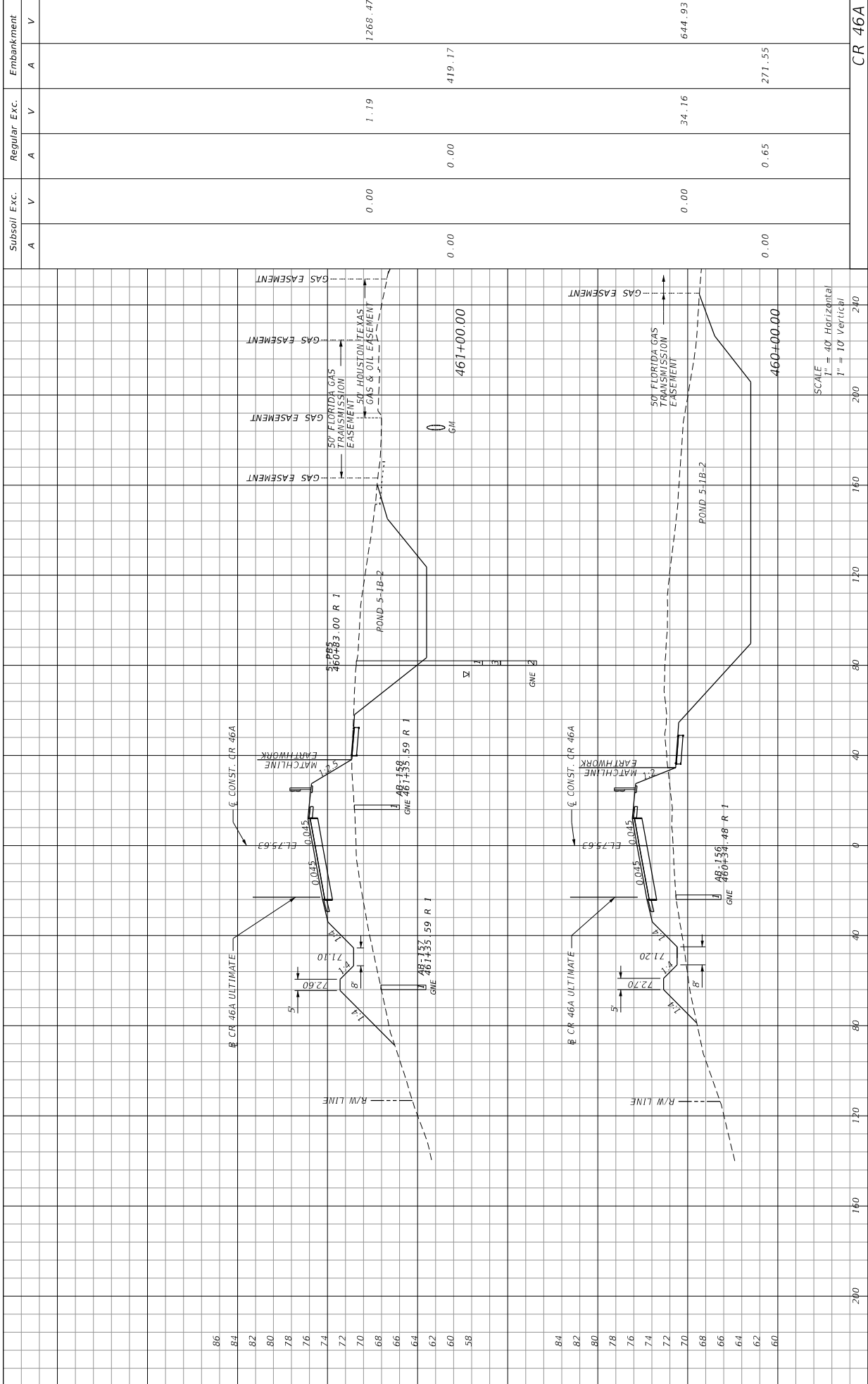
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238274-8-52-01

CROSS SECTIONS

SHEET NO. 209

11/14/2015 1:50:54 PM G:\Projects\CR46A_Req\Project\3827385201\roadway\RD5\SD01.dgn



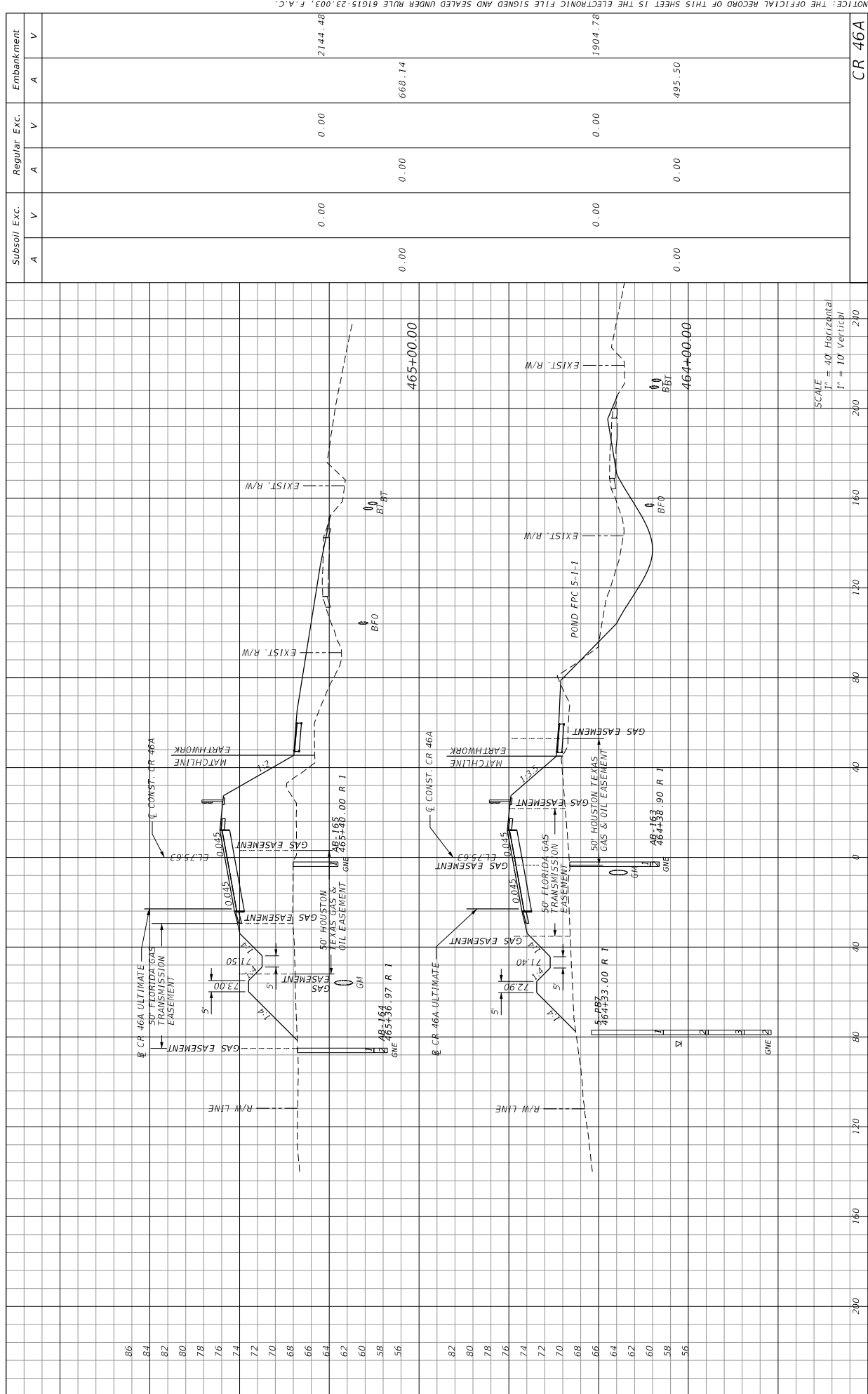
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 866-2552 ENGINEER OF RECORD PAUL O. SNEAD, P.E. P.E. NUMBER: 30982	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01
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CROSS SECTIONS

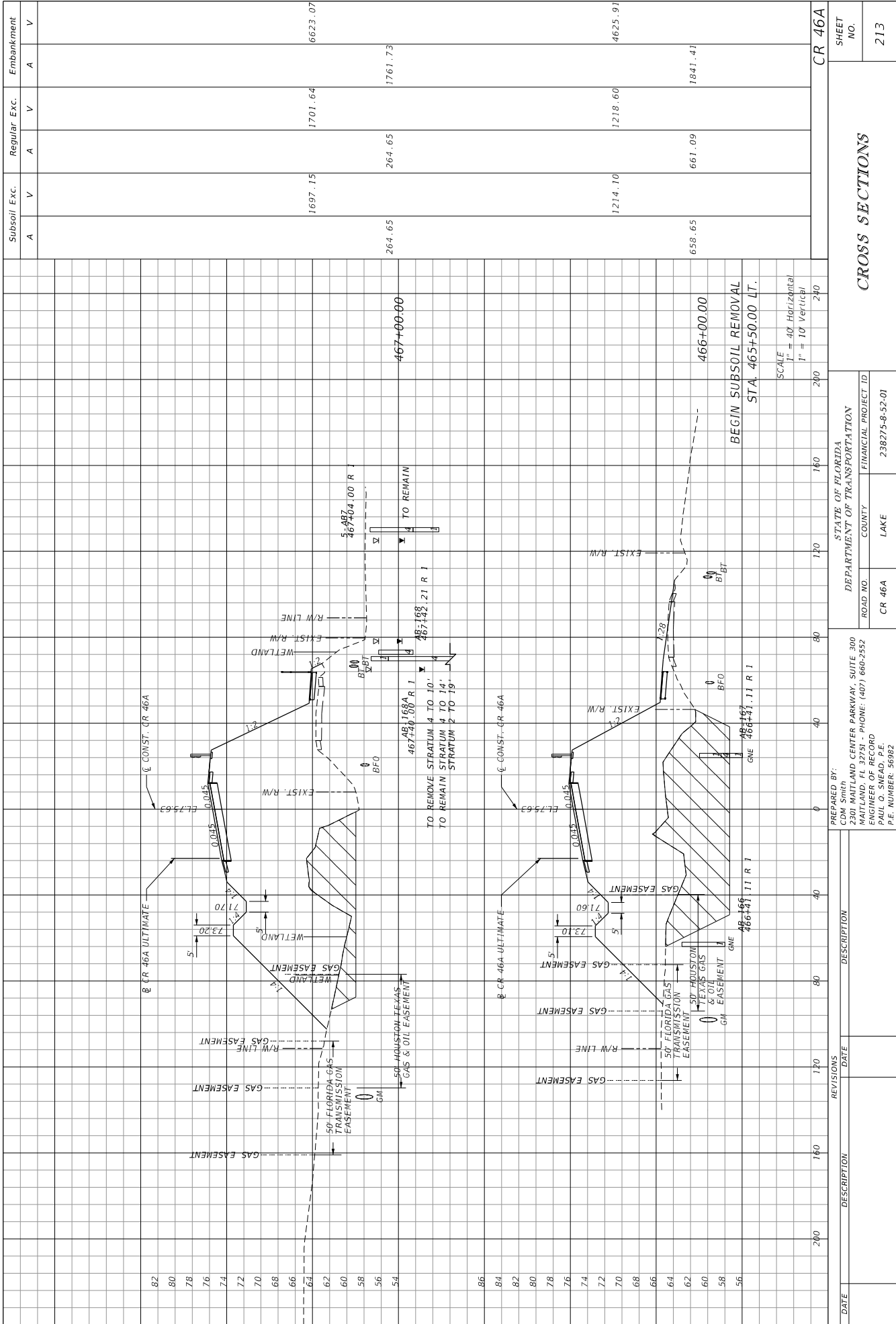
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DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO. CR 46A	COUNTY LAKE	FINANCIAL PROJECT ID 238275-8-52-01	SHEET NO. 212
									CR 46A
									212

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.
 SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

11/14/2015 1:57:00 PM C:\Projects\CR46A_Realign\2382755201\ roadway\OD5\SD01.dgn
 WHEELER GP



Subsoil Exc.	Regular Exc.	Embankment
A	V	A
1697.15	1701.64	6623.07
264.65	264.65	1761.73
1214.10	1218.60	4625.91
658.65	661.09	1841.41
CR 46A		

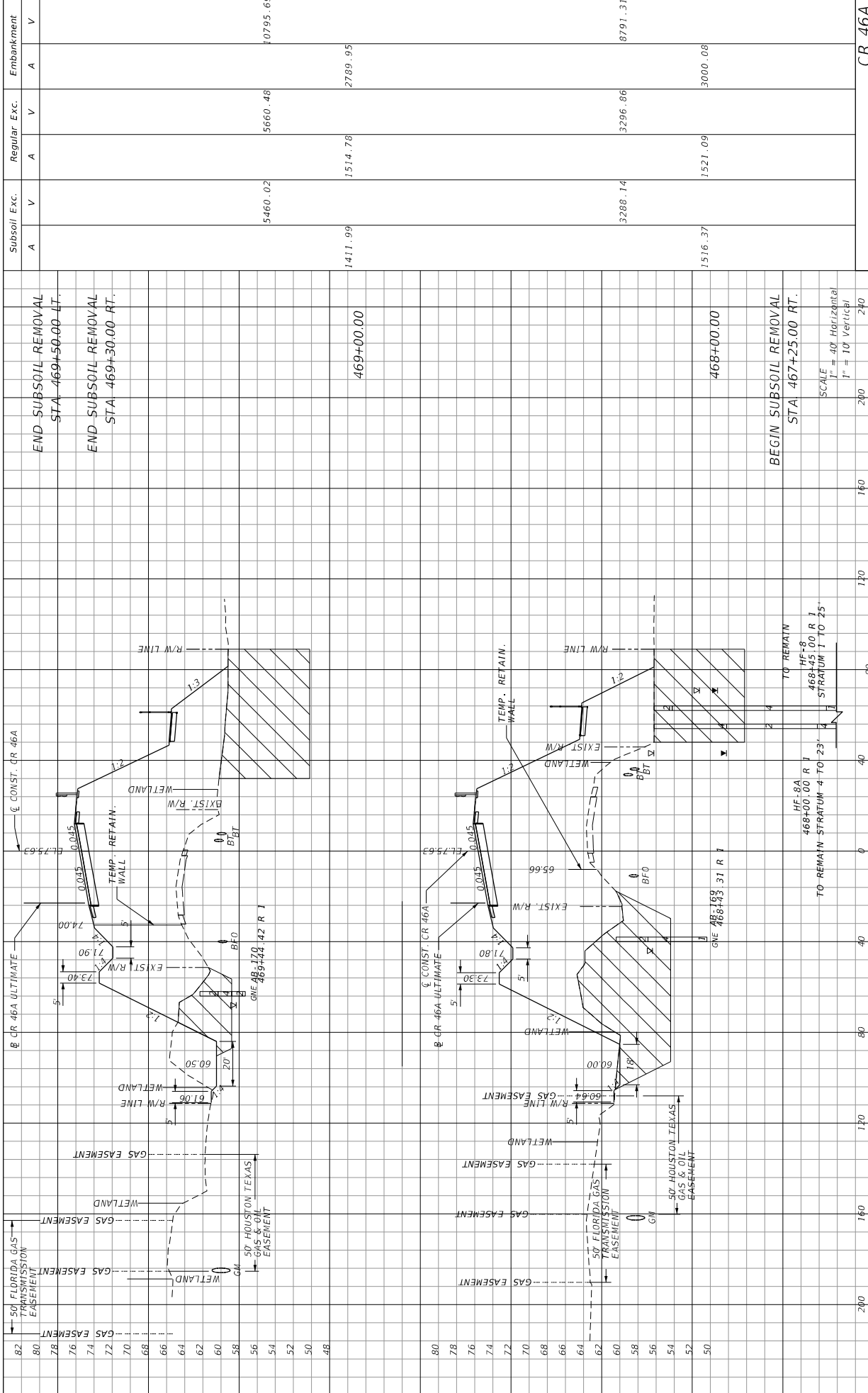
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROAD NO. CR 46A
COUNTY LAKE
FINANCIAL PROJECT ID 238275-8-52-01
PREPARED BY: CDM Smith
2301 MATLAND CENTER PARKWAY, SUITE 300
MATLAND, FL 32751 - PHONE: (407) 666-2552
ENGINEER OF RECORD: PAUL O. SNEAD, P.E.
P.E. NUMBER: 30982

SCALE
1" = 40' Horizontal
1" = 10' Vertical

BEGIN SUBSOIL REMOVAL
STA. 465+50.00 LT.

CROSS SECTIONS

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	LAKE	FINANCIAL PROJECT ID	SHEET NO.
					STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION	CR 46A	LAKE	LAKE	238274-8-52-01	214
											CR 46A

PREPARED BY:
 CDM Smith
 2301 MAILAND CENTER PARKWAY, SUITE 300
 MAILAND, FL 32751 - PHONE: (407) 866-2552
 ENGINEER OF RECORD
 PAUL O. SNEAD, P.E.
 P.E. NUMBER: 90982

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

TO REMAIN STRATUM 4 TO 23'
 468+45.00 R I
 MF-8
 468+45.00 R I
 TO REMAIN STRATUM 1 TO 25'

ONE 468+189.31 R I
 ONE 468+183.31 R I

ONE 468+170
 ONE 469+44.42 R I

82 CR 46A ULTIMATE
 80 CR 46A ULTIMATE
 80 CR 46A ULTIMATE

468+00.00 R I
 468+00.00 R I

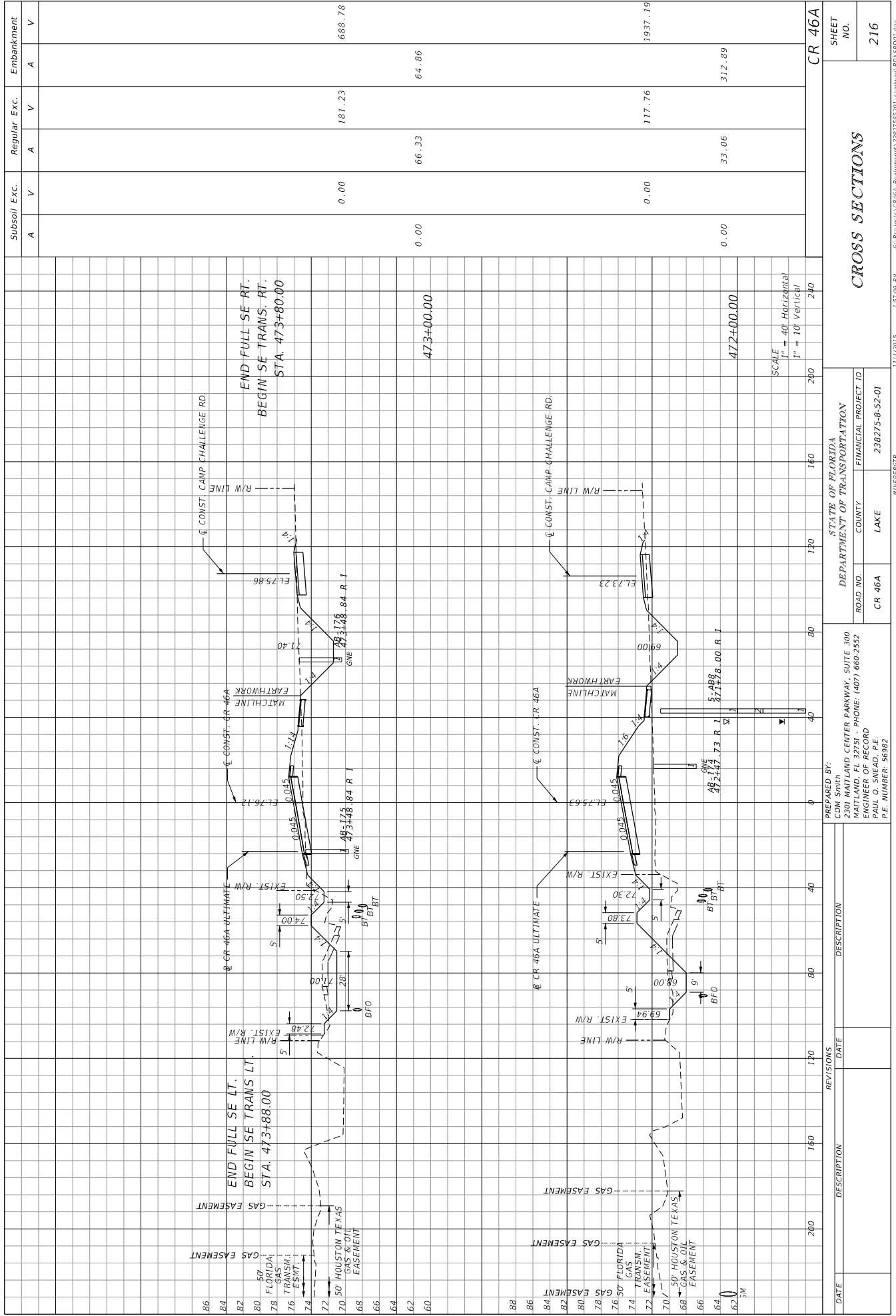
END SUBSOIL REMOVAL
 STA 469+50.00 LT.
 END SUBSOIL REMOVAL
 STA 469+30.00 RT.
 BEGIN SUBSOIL REMOVAL
 STA 467+25.00 RT.

Subsoil Exc. Regular Exc. Embankment
 A V A V A V A V

5460.02 10795.69 5660.48 2789.95
 1411.99 1514.78 3288.14 8791.31 1521.09 3000.08

469+00.00 468+00.00 468+00.00

CR 46A



Subsoil Exc.	Regular Exc.	Embankment
A	A	A
V	V	V

0.00	181.23	688.78
0.00	66.33	64.86
0.00	117.76	1937.19
0.00	33.06	372.89
472+00.00		

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

STATE OF FLORIDA	
DEPARTMENT OF TRANSPORTATION	
ROAD NO.	FINANCIAL PROJECT ID
CR 46A	238275-8-52-01
COUNTY	LAKE
WHEELEGTP	

PREPARED BY:
CDM Smith
2301 MAITLAND CENTER PARKWAY, SUITE 300
MAITLAND, FL 32751 - PHONE: (407) 866-2552
ENGINEER OF RECORD
PAUL O. SNEAD, P.E.
P.E. NUMBER: 30982

CROSS SECTIONS

SHEET NO. 216

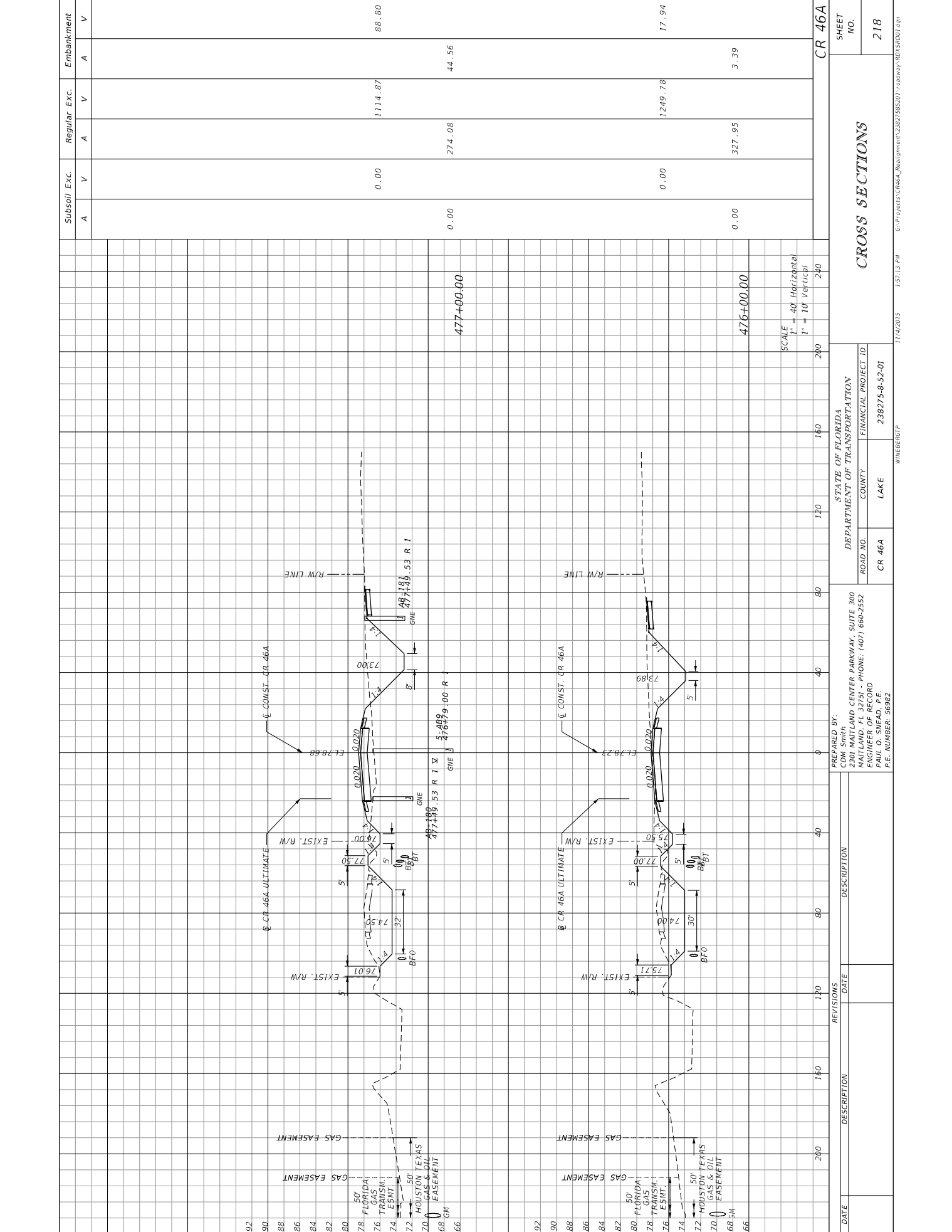
CR 46A

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

	Subsoil Exc.	Regular Exc.	Embankment	STATIONING
	A	A	A	
	V	V	V	
0.00	995.18	37.56		475+00.00
0.00	346.93	6.30		475+00.00
0.00	466.88	142.98		474+00.00
0.00	191.20	14.01		474+00.00
0.00	0.00	0.00		474+00.00
SCALE 1" = 40' Horizontal 1" = 10' Vertical				

<p>END SE TRANS-LT. STA. 475+09.00</p> <p>END SE TRANS-RT. STA. 475+09.00</p> <p>CR 46A ULTIMATE</p> <p>CR 46A ULTIMATE</p> <p>CONSTRUCTION CHALLENGE RD.</p> <p>CR 46A ULTIMATE</p>	<p>STATE OF FLORIDA</p> <p>DEPARTMENT OF TRANSPORTATION</p> <p>ROAD NO. CR 46A</p> <p>COUNTY LAKE</p> <p>FINANCIAL PROJECT ID 238275-8-52-01</p>	<p>PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 666-2552 ENGINEER OF RECORD PAUL O. SNEAD, P.E. P.E. NUMBER: 39382</p>	<p>DATE</p> <p>REVISIONS</p>	<p>DESCRIPTION</p>	<p>SHEET NO. 217</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">CR 46A</p>
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Subsoil Exc.	Regular Exc.	Embankment
0.00	1114.87	88.80
0.00	274.08	44.56
0.00	1249.78	17.94
0.00	327.95	3.39

SCALE
1" = 40' Horizontal
1" = 10' Vertical

CR 46A

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO. CR 46A
COUNTY LAKE
FINANCIAL PROJECT ID 238275-8-52-01

PREPARED BY:
CDM Smith
2301 MAITLAND CENTER PARKWAY, SUITE 300
MAITLAND, FL 32751 - PHONE: (407) 866-2552
ENGINEER OF RECORD
PAUL O. SNEAD, P.E.
P.E. NUMBER: 30382

DATE DESCRIPTION REVISIONS DATE DESCRIPTION

DATE DESCRIPTION

DATE DESCRIPTION

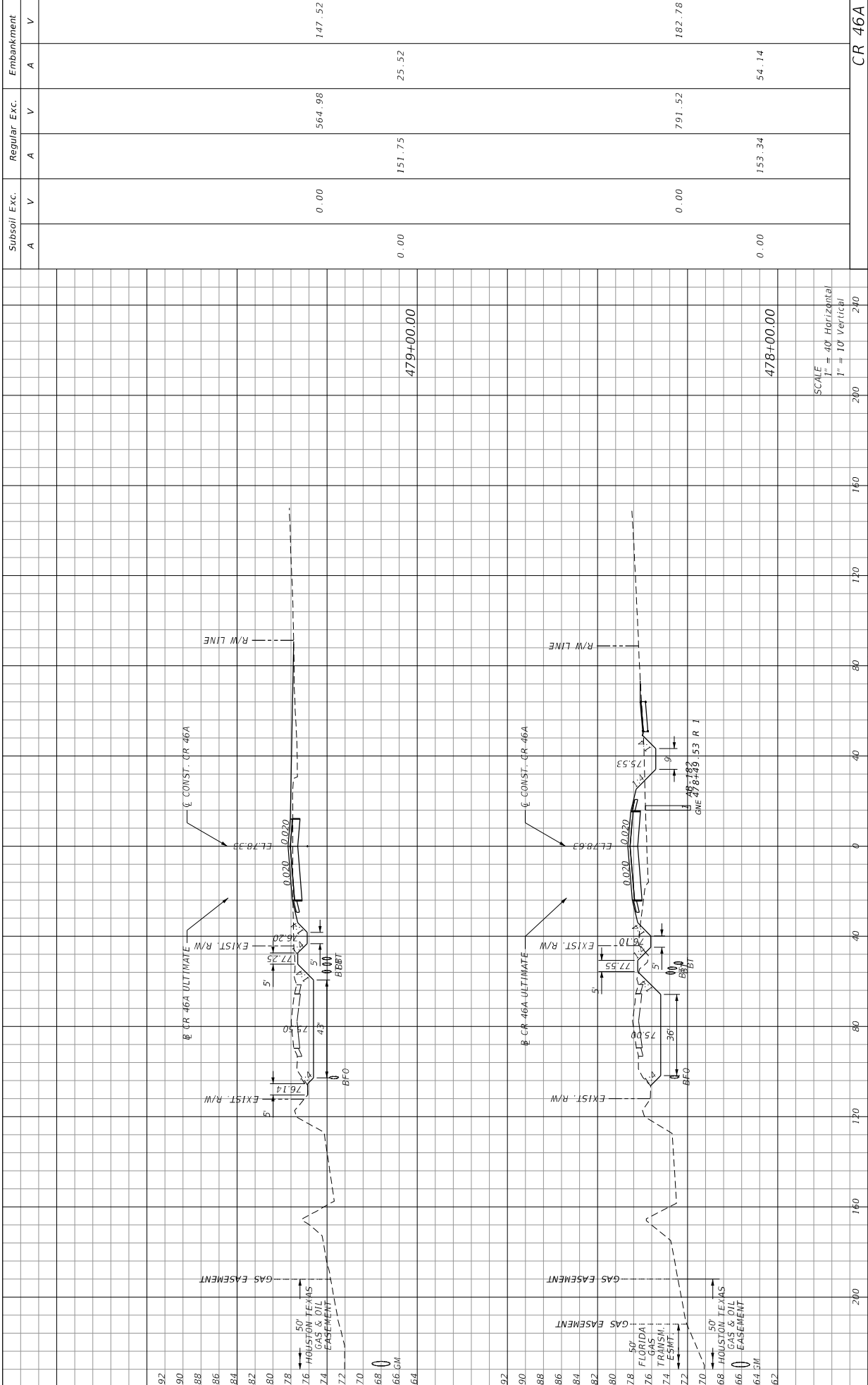
DATE DESCRIPTION

DATE DESCRIPTION

DATE DESCRIPTION

DATE DESCRIPTION

DATE DESCRIPTION

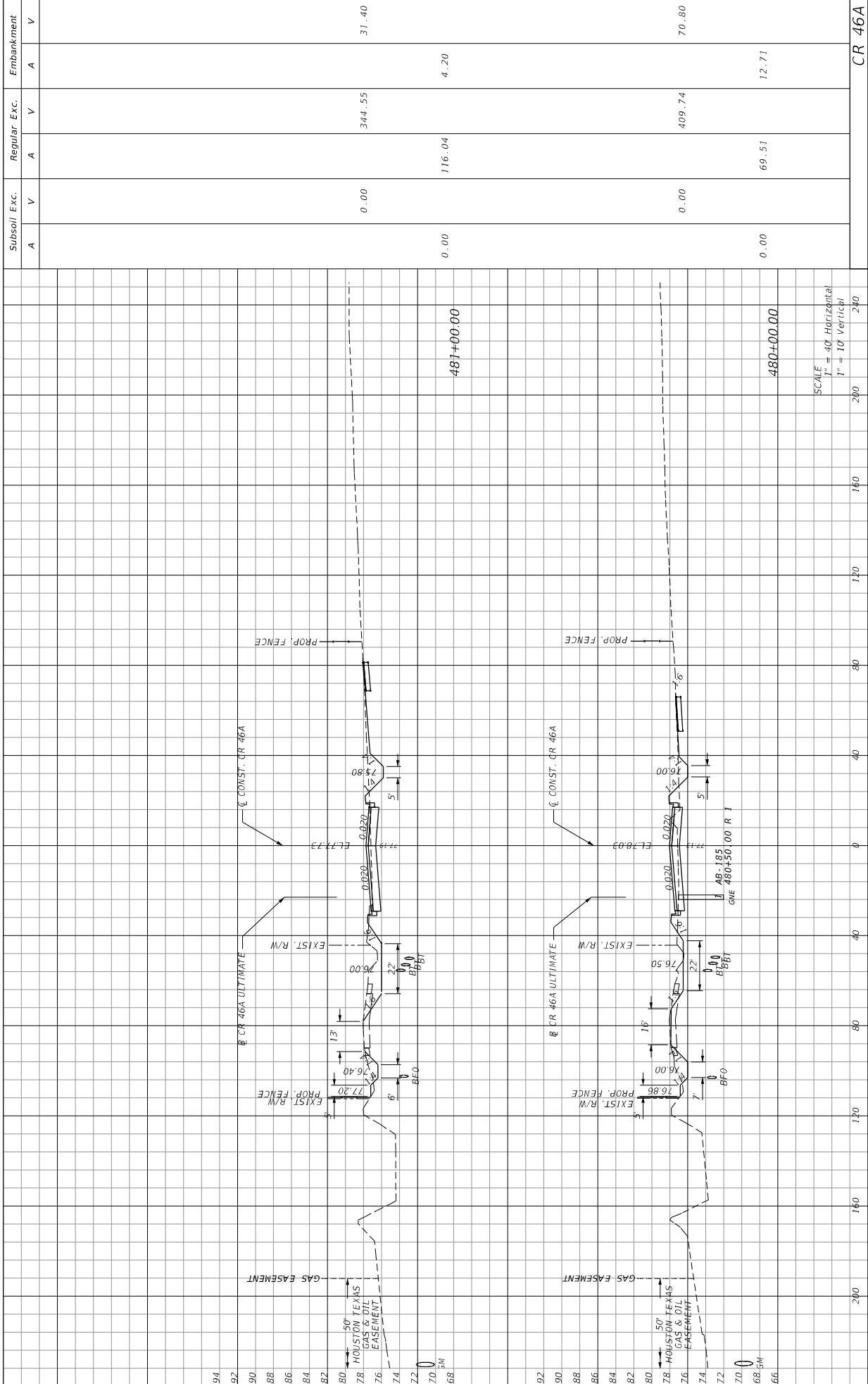


DATE	REVISIONS	DESCRIPTION
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	66	
	64	
	62	

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 666-2552 ENGINEER OF RECORD PAUL O. SNEAD, P.E. P.E. NUMBER: 30382	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01 WHEELER GP 11/4/2015 1:57:16 PM G:\Projects\CR46A_Requirement\32827585201\ roadway\RD354001.dgn
---	--

SUBSOIL EXC. A V 0.00	REGULAR EXC. A V 151.75 25.52 564.98 182.78	EMBANKMENT A V 54.14
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479+00.00 478+00.00	SCALE 1" = 40' Horizontal 1" = 10' Vertical	CR 46A
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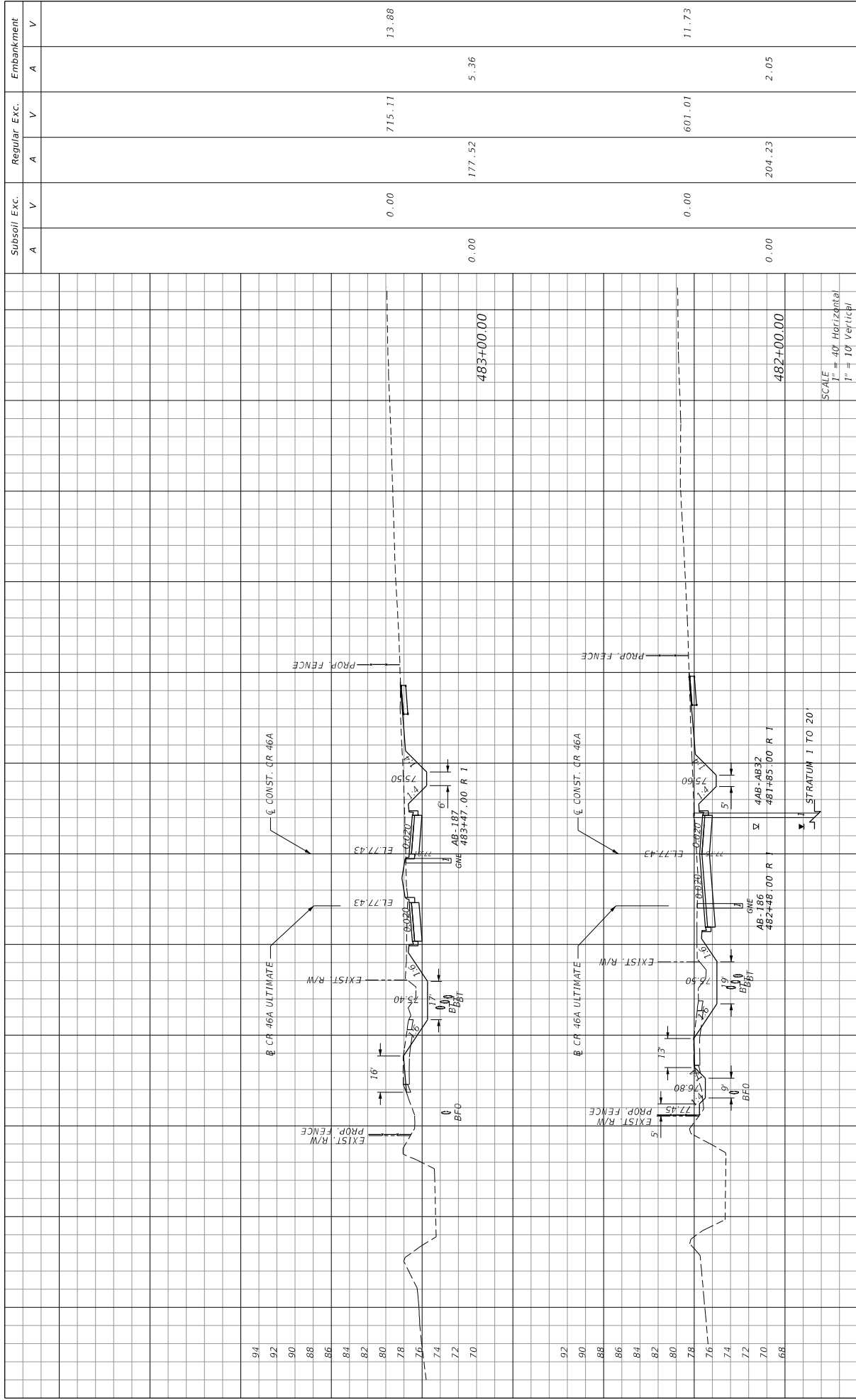


DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 666-2552 ENGINEER OF RECORD PAUL O. SNEAD, P.E. P.E. NUMBER: 30382				
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				
ROAD NO.		FINANCIAL PROJECT ID		
CR 46A		238275-8-52-01		
COUNTY		LAKE		
CROSS SECTIONS				
SHEET NO.				220
Embankment				CR 46A
Subsoil Exc.		Regular Exc.		Embarkment
A	V	A	V	A
0.00		344.55		31.40
0.00		116.04		4.20
0.00		409.74		70.80
0.00		69.51		12.71
480+00.00		480+00.00		200
480+00.00		480+00.00		240

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

WHEBERGP

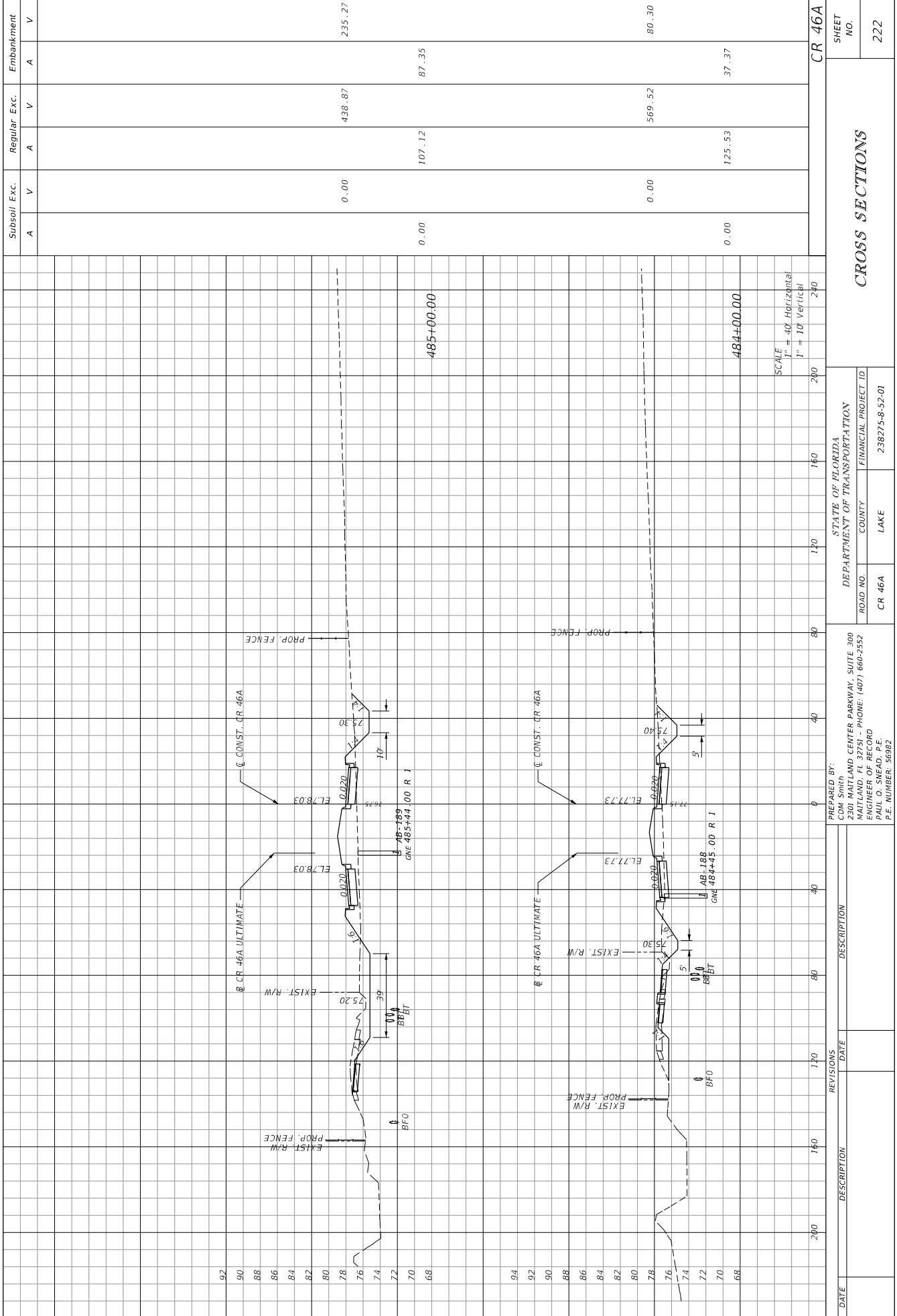
11/4/2015 1:57:18 PM
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Subsoil Exc.	Regular Exc.	Embankment
A	A	A
V	V	V
0.00	715.11	13.88
0.00	177.52	5.36
0.00	601.01	11.73
0.00	204.23	2.05
CR 46A		

DATE	REVISIONS	DESCRIPTION

STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION	
2301 MAILAND CENTER PARKWAY, SUITE 300		FINANCIAL PROJECT ID	
MAITLAND, FL 32751 - PHONE: (407) 866-2552		ROAD NO.	
ENGINEER OF RECORD		COUNTY	
PAUL O. SNEAD, P.E.		LAKE	
P.E. NUMBER: 30982		CR 46A	
WHEELER GP		PROJECT NO. 238275-8-52-01	
11/4/2015	1:57:20 PM	SHEET NO.	
		221	



Subsoil Exc.	Regular Exc.		Embankment
	A	V	
0.00	438.87	235.27	
0.00	107.12	87.35	
0.00	569.52	80.30	
0.00	125.53	37.37	
			CR 46A

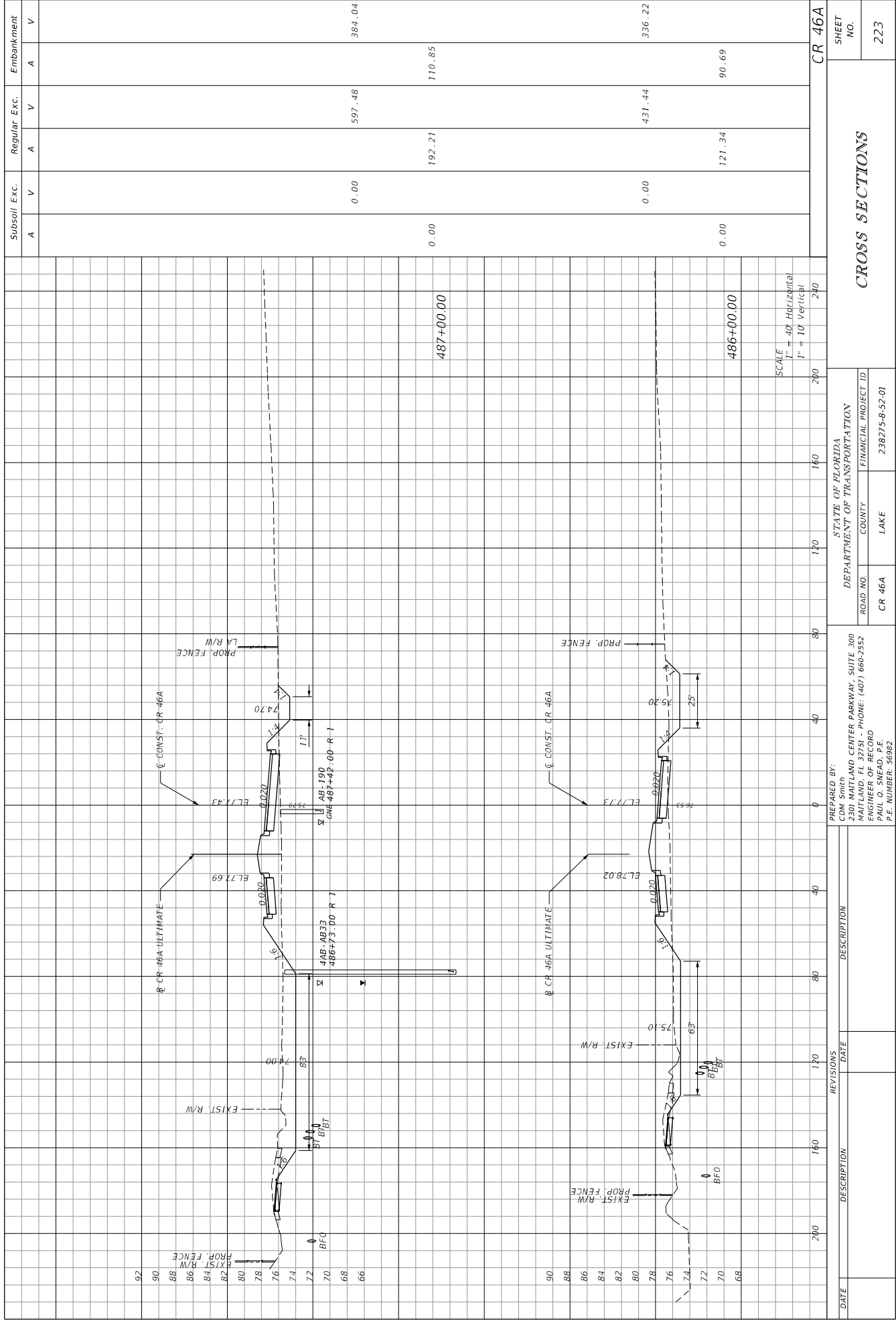
SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY:
 CDM Smith
 2301 MITLAND CENTER PARKWAY, SUITE 300
 MITLAND, FL 32751 - PHONE: (407) 666-2552
 ENGINEER OF RECORD
 PAUL O. SNEAD, P.E.
 P.E. NUMBER: 30382

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION
 ROAD NO. CR 46A
 COUNTY LAKE
 FINANCIAL PROJECT ID 238275-8-52-01

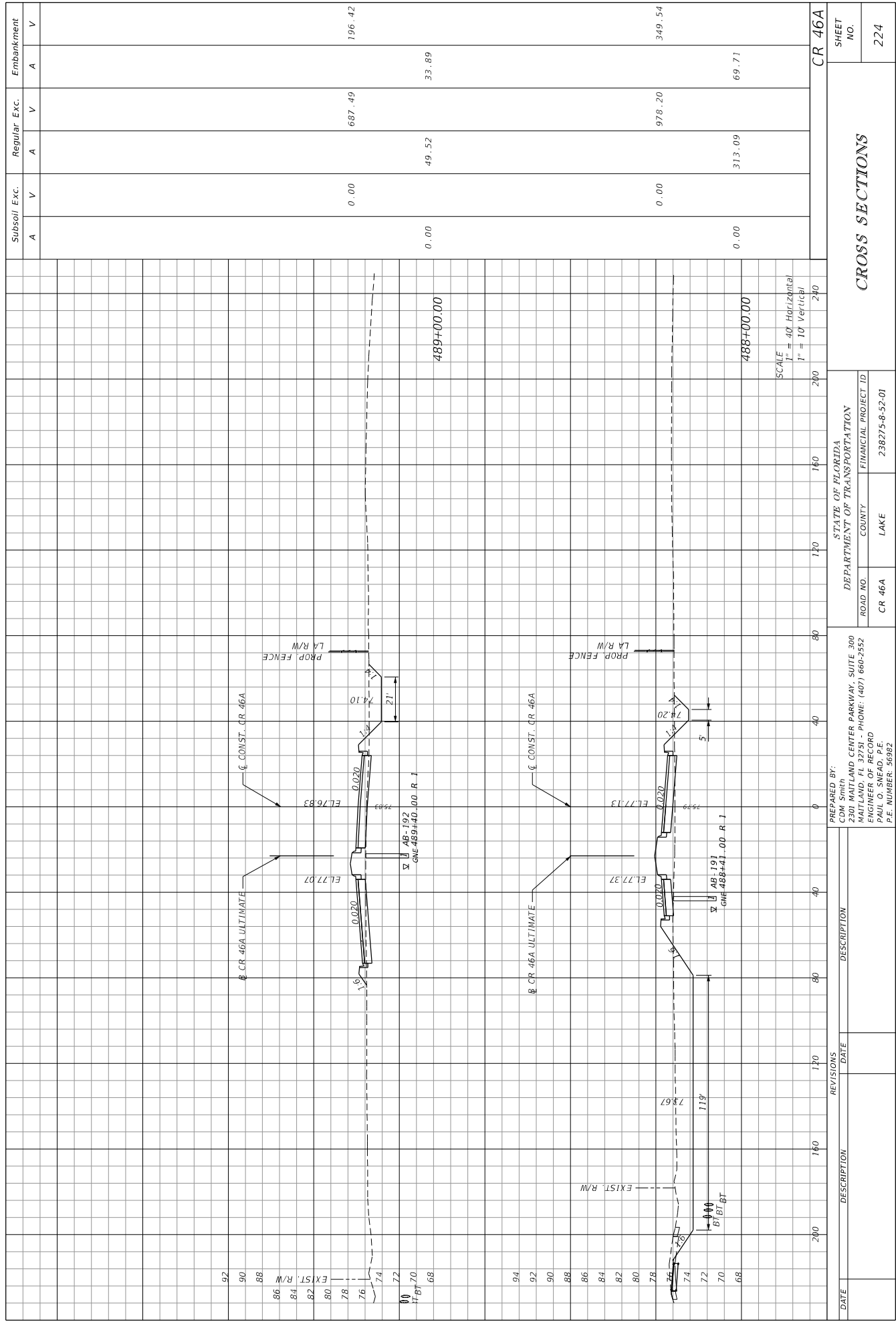
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION



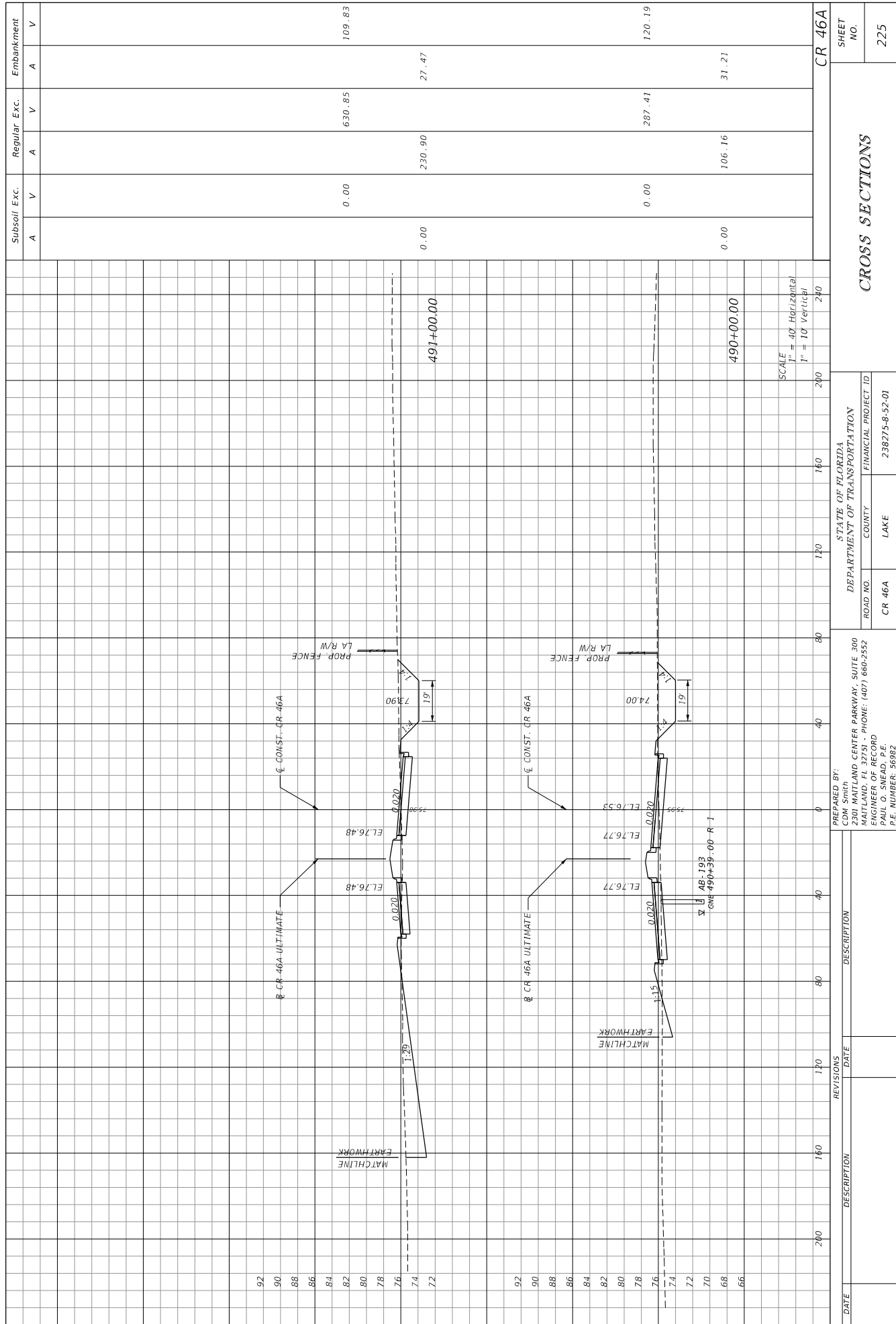
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.00	0.00	192.21	597.48	110.85	384.04
0.00	0.00	431.44	431.44	90.69	336.22
487+00.00					
486+00.00					

SCALE
1" = 40' Horizontal
1" = 10' Vertical

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <p>ROAD NO. CR 46A COUNTY LAKE PROJECT ID 238274-8-52-01</p> <p>PREPARED BY: CDM Smith 2301 MATLAND CENTER PARKWAY, SUITE 300 MATLAND, FL 32751 - PHONE: (407) 666-2552 ENGINEER OF RECORD: PAUL O. SNEAD, P.E. P.E. NUMBER: 30982</p>				
<p>CR 46A</p>		<p>CROSS SECTIONS</p>		
				<p>SHEET NO. 223</p>



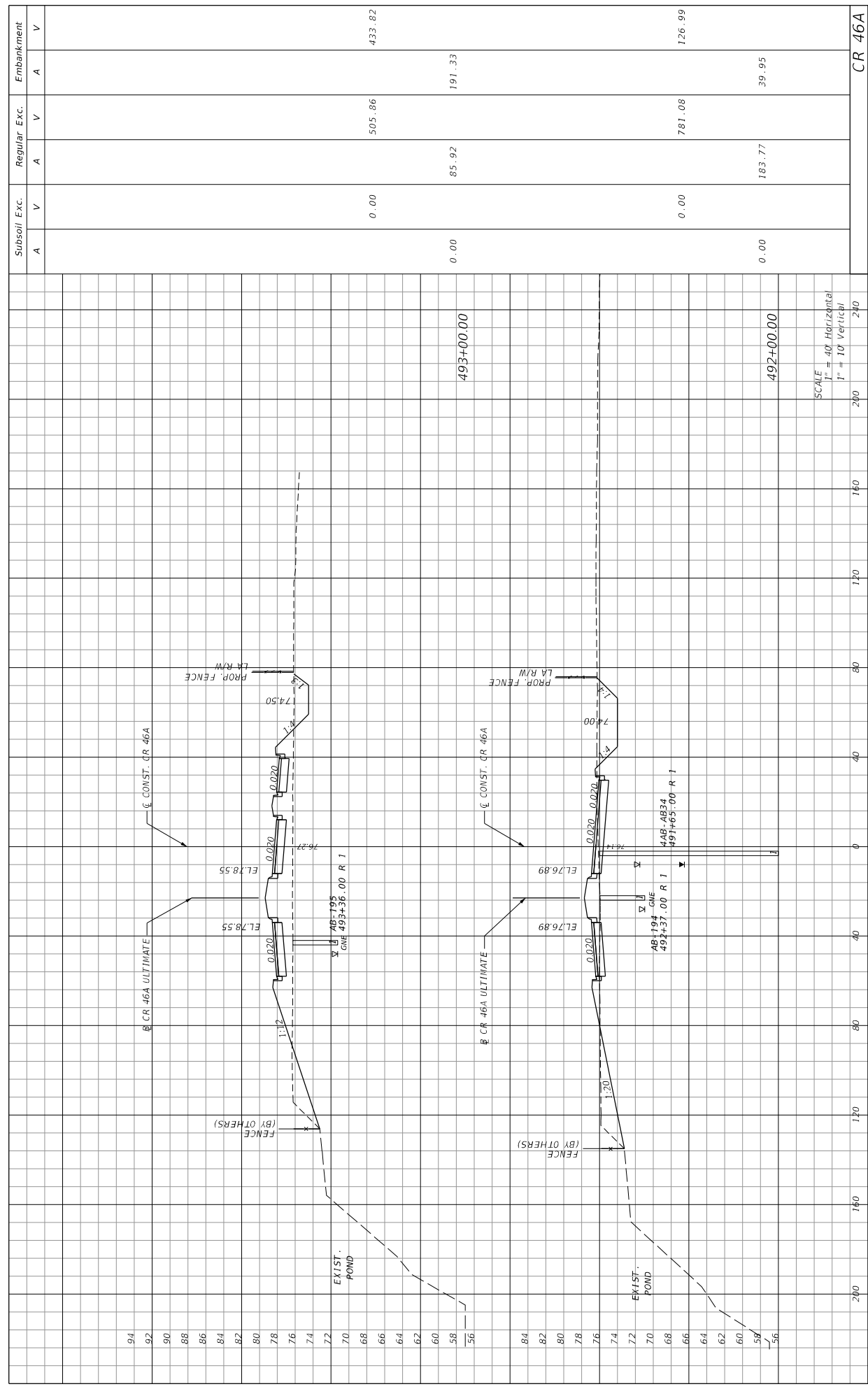
Subsoil Exc.	Regular Exc.	Embankment
A	A	A
V	V	V
0.00	687.49	196.42
0.00	49.52	33.89
0.00	978.20	349.54
0.00	313.09	69.71
CR 46A		



STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROAD NO. CR 46A
COUNTY LAKE
FINANCIAL PROJECT ID 238275-8-52-01

PREPARED BY:
CDM Smith
2301 WATLAND CENTER PARKWAY, SUITE 300
MAITLAND, FL 32751 - PHONE: (407) 666-2552
ENGINEER OF RECORD
PAUL O. SNEAD, P.E.
P.E. NUMBER: 30382

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	DATE	DESCRIPTION

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 866-2552 ENGINEER OF RECORD PAUL O. SHEAD, P.E. P.E. NUMBER: 30982	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238274-8-52-01	SHEET NO. 226
---	---	-------------------------

SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

493+00.00

492+00.00

CR 46A

126.99

781.08

183.77

39.95

505.86

433.82

85.92

191.33

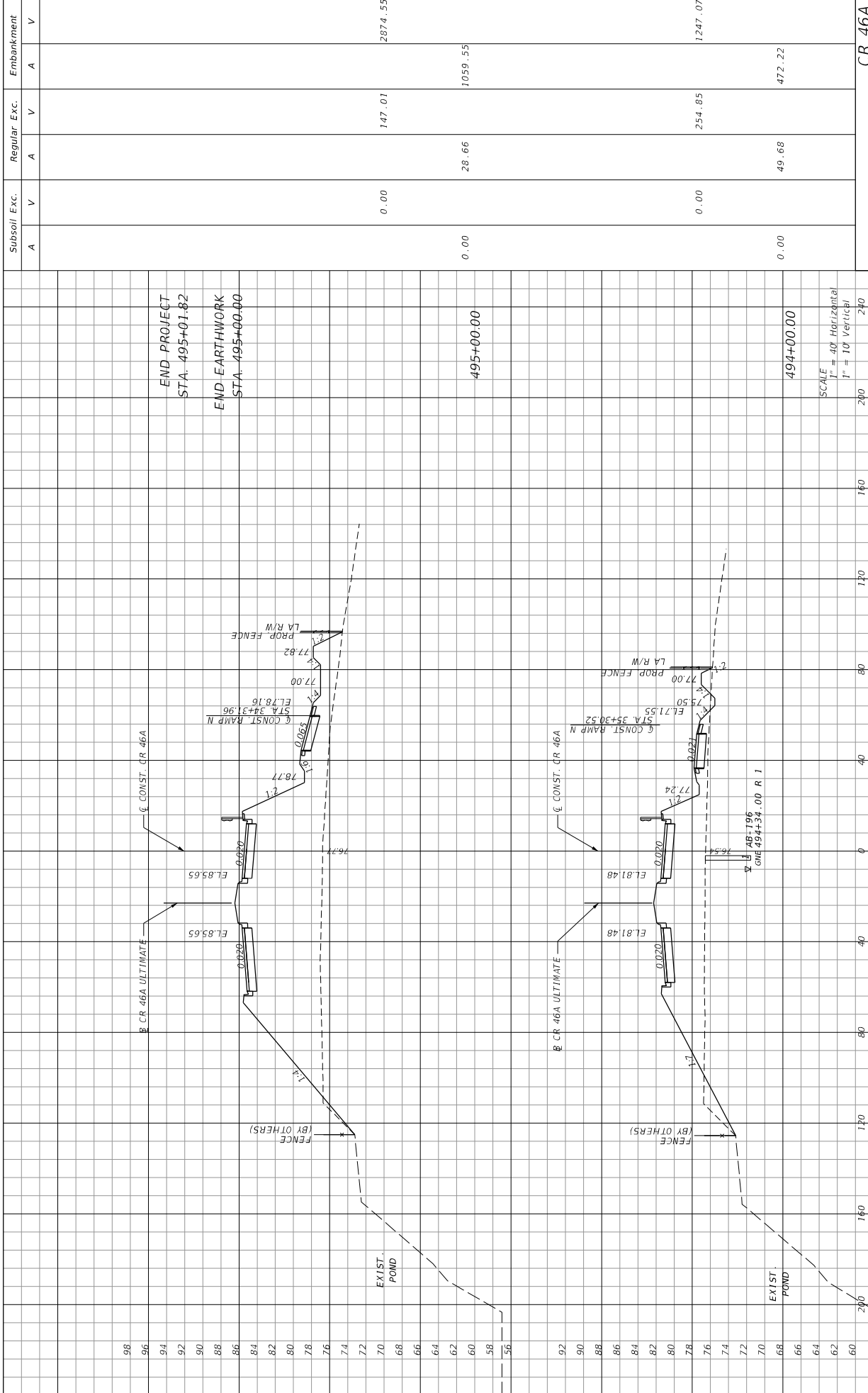
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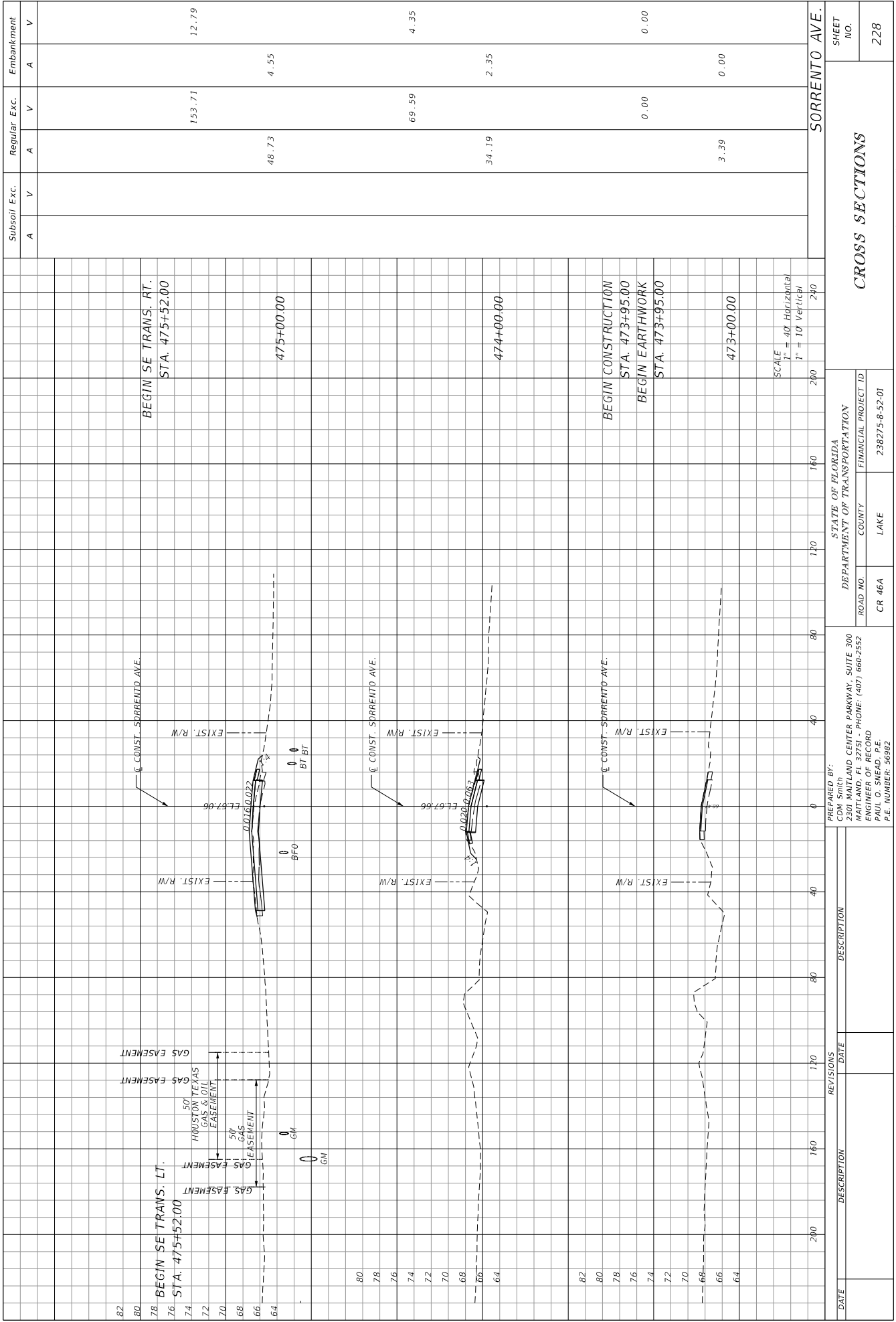
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0.00



Subsoil Exc.	Regular Exc.		Embankment
	A	V	
0.00	147.01	2874.55	
0.00	28.66	1059.55	
0.00	254.85	1247.07	
0.00	49.69	472.22	
CR 46A			

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 666-2552 ENGINEER OF RECORD PAUL O. SNEAD, P.E. P.E. NUMBER: 30982				
STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION		
ROAD NO. CR 46A		COUNTY	LAKE	
FINANCIAL PROJECT ID		238275-8-52-01		
SHEET NO.		227		

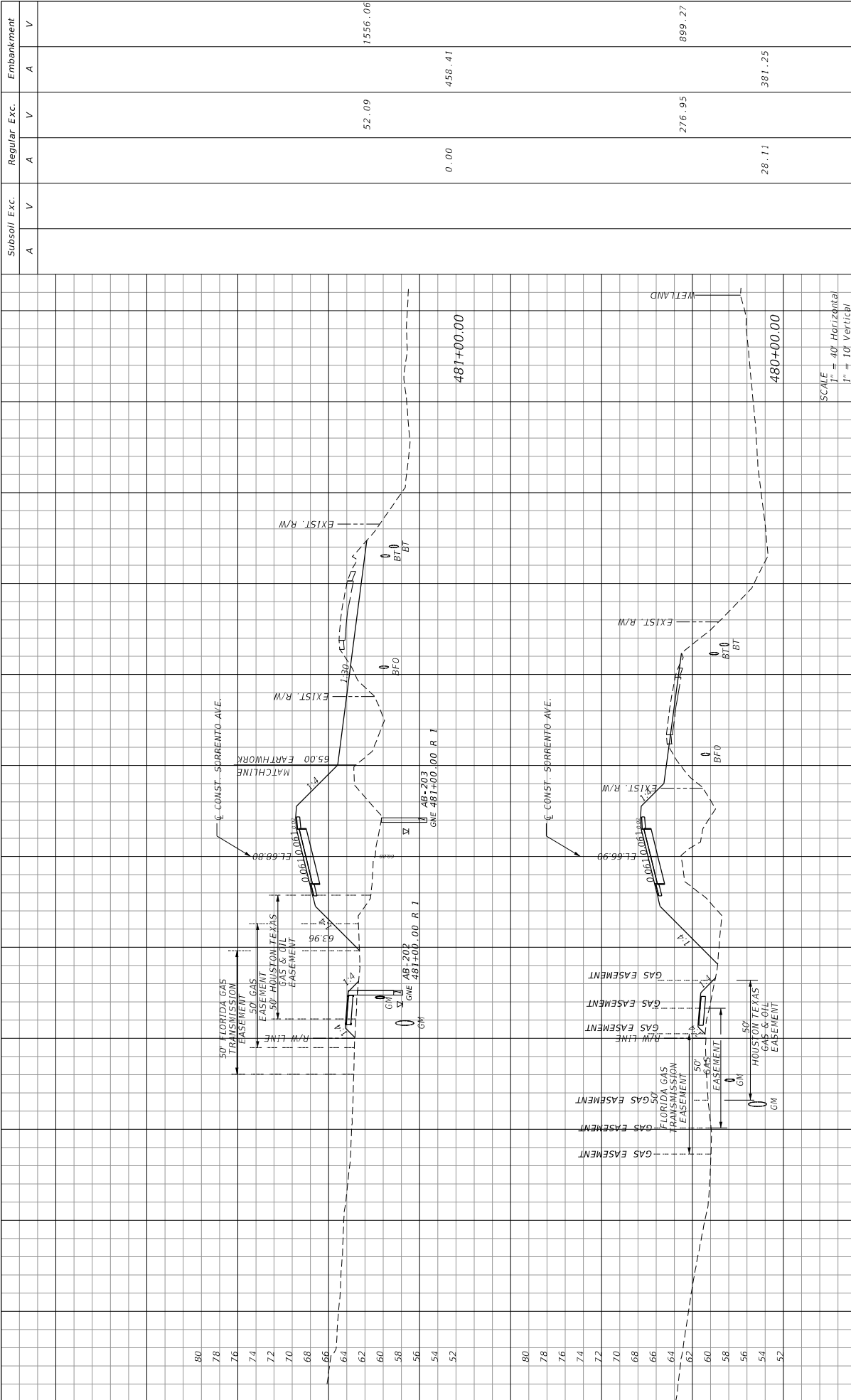


Subsoil Exc.	Regular Exc.		Embankment	
	A	V	A	V
		153.71		12.79
	48.73		4.55	
		69.59		4.35
	34.19		2.35	
		0.00		0.00
	3.39		0.00	
SORRENTO AVE.				

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION
 ROAD NO. COUNTY FINANCIAL PROJECT ID
 CR 46A LAKE 238275-8-52-01

PREPARED BY:
 CDM Smith
 2301 MAITLAND CENTER PARKWAY, SUITE 300
 MAITLAND, FL 32751 - PHONE: (407) 660-2552
 ENGINEER OF RECORD
 PAUL O. SREED, P.E.
 P.E. NUMBER: 30992

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION



80	78	76	74	72	70	68	66	64	62	60	58	56	54	52	481+00.00	481+20.00	481+40.00	481+60.00	481+80.00	481+100.00	1556.06	52.09	0.00	458.41	899.27	276.95	28.11	381.25
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SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

DATE REVISIONS DESCRIPTION

DATE	DESCRIPTION
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PREPARED BY:
 CDM Smith
 2301 MAITLAND CENTER PARKWAY, SUITE 300
 MAITLAND, FL 32751 - PHONE: (407) 660-2552
 ENGINEER OF RECORD
 PAUL O. SREED, P.E.
 P.E. NUMBER: 36962

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION
 ROAD NO. COUNTY FINANCIAL PROJECT ID
 CR 46A LAKE 238275-8-52-01

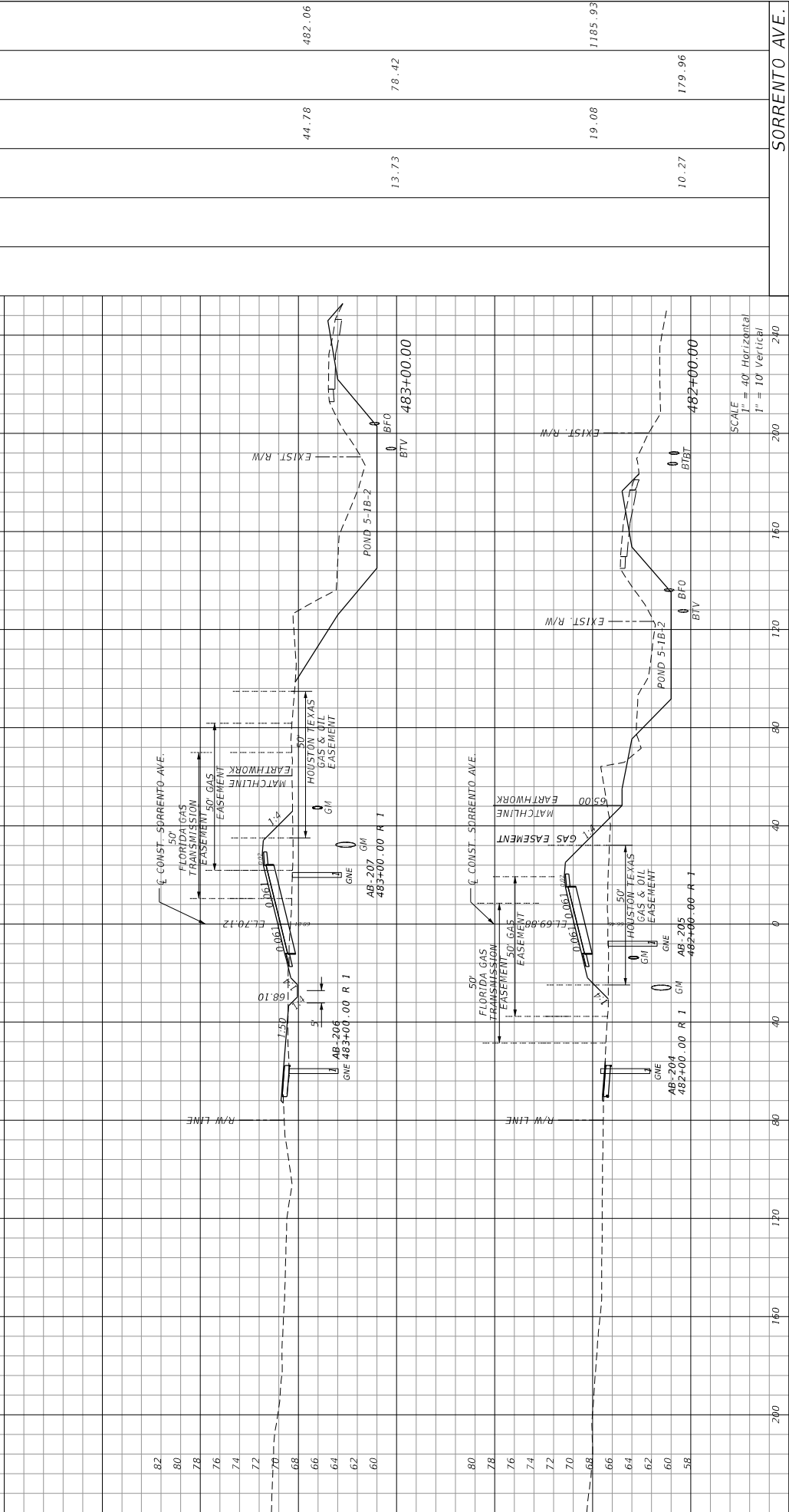
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SHEET NO. 231

CROSS SECTIONS

SORRENTO AVE.

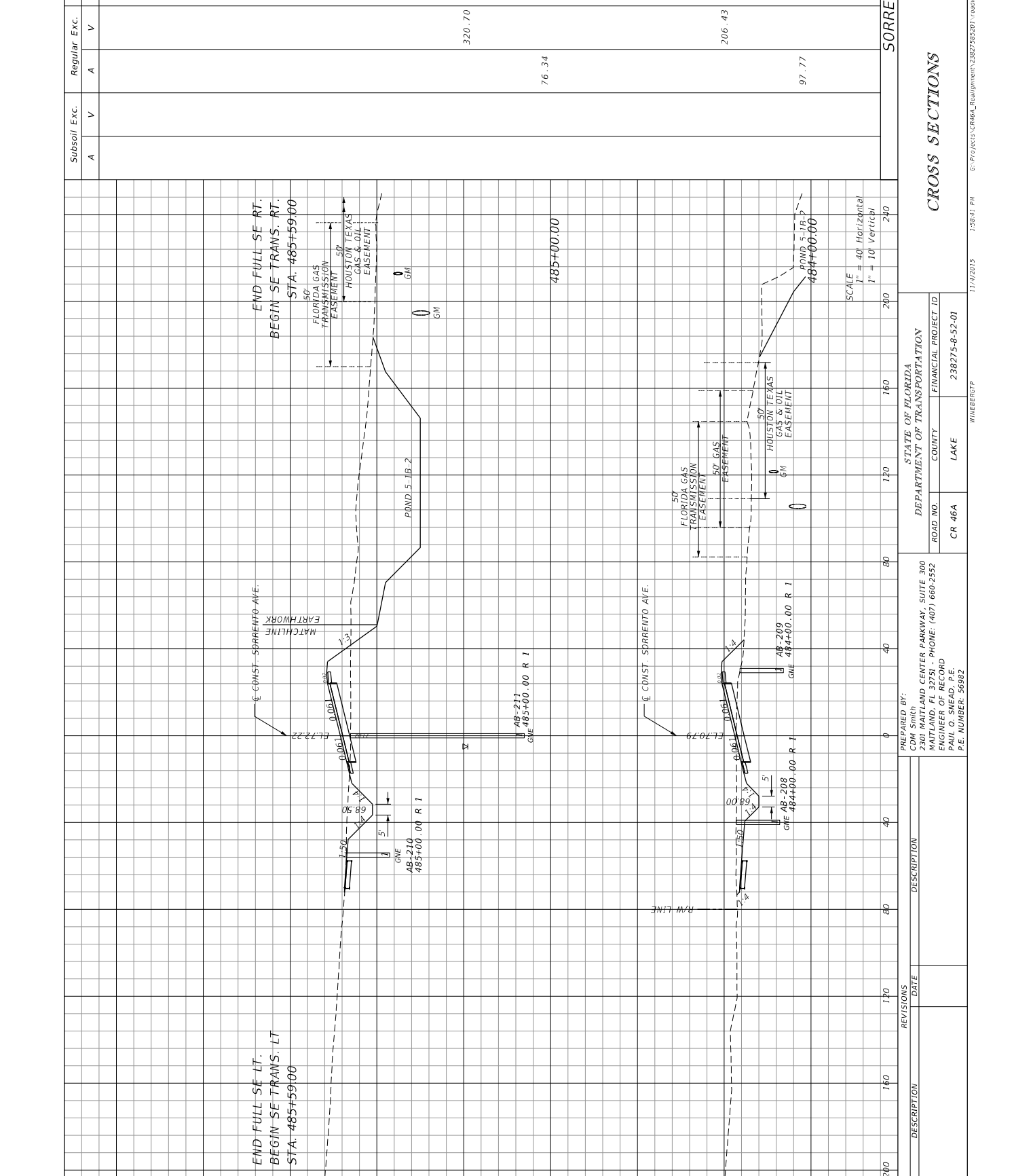
DATE	REVISIONS		DESCRIPTION	DATE	DESCRIPTION	Subsoil Exc.	Regular Exc.	Embankment
	NO.	DATE						
						A	V	A
						V	A	V



STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	LAKE	PROJECT ID	SHEET NO.
CR 46A	LAKE	238275-8-52-01				232

SORRENTO AVE.

SCALE
1" = 40' Horizontal
1" = 10' Vertical



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

84	82	80	78	76	74	72	70	68	66	64	62	60	58	56	54	52	50	48	46	44	42	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	0	200	160	120	80	40	0	40	80	120	160	200	240
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Subsoil Exc.	Regular Exc.	Embankment
A	A	A
V	V	V
320.70	76.34	164.49
206.43	97.77	207.58
SORRENTO AVE.		

STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION
CR 46A	LAKE COUNTY	CR 46A
238275-8-52-01	FINANCIAL PROJECT ID	238275-8-52-01

300	330	360	390	420	450	480	510	540	570	600	630	660	690	720	750	780	810	840	870	900	930	960	990	1020	1050	1080	1110	1140	1170	1200	1230	1260	1290	1320	1350	1380	1410	1440	1470	1500	1530	1560	1590	1620	1650	1680	1710	1740	1770	1800	1830	1860	1890	1920	1950	1980	2010	2040	2070	2100	2130	2160	2190	2220	2250	2280	2310	2340	2370	2400	2430	2460	2490	2520	2550	2580	2610	2640	2670	2700	2730	2760	2790	2820	2850	2880	2910	2940	2970	3000	3030	3060	3090	3120	3150	3180	3210	3240	3270	3300	3330	3360	3390	3420	3450	3480	3510	3540	3570	3600	3630	3660	3690	3720	3750	3780	3810	3840	3870	3900	3930	3960	3990	4020	4050	4080	4110	4140	4170	4200	4230	4260	4290	4320	4350	4380	4410	4440	4470	4500	4530	4560	4590	4620	4650	4680	4710	4740	4770	4800	4830	4860	4890	4920	4950	4980	5010	5040	5070	5100	5130	5160	5190	5220	5250	5280	5310	5340	5370	5400	5430	5460	5490	5520	5550	5580	5610	5640	5670	5700	5730	5760	5790	5820	5850	5880	5910	5940	5970	6000	6030	6060	6090	6120	6150	6180	6210	6240	6270	6300	6330	6360	6390	6420	6450	6480	6510	6540	6570	6600	6630	6660	6690	6720	6750	6780	6810	6840	6870	6900	6930	6960	6990	7020	7050	7080	7110	7140	7170	7200	7230	7260	7290	7320	7350	7380	7410	7440	7470	7500	7530	7560	7590	7620	7650	7680	7710	7740	7770	7800	7830	7860	7890	7920	7950	7980	8010	8040	8070	8100	8130	8160	8190	8220	8250	8280	8310	8340	8370	8400	8430	8460	8490	8520	8550	8580	8610	8640	8670	8700	8730	8760	8790	8820	8850	8880	8910	8940	8970	9000	9030	9060	9090	9120	9150	9180	9210	9240	9270	9300	9330	9360	9390	9420	9450	9480	9510	9540	9570	9600	9630	9660	9690	9720	9750	9780	9810	9840	9870	9900	9930	9960	9990	10020	10050	10080	10110	10140	10170	10200	10230	10260	10290	10320	10350	10380	10410	10440	10470	10500
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SCALE
 1" = 40' Horizontal
 1" = 10' Vertical

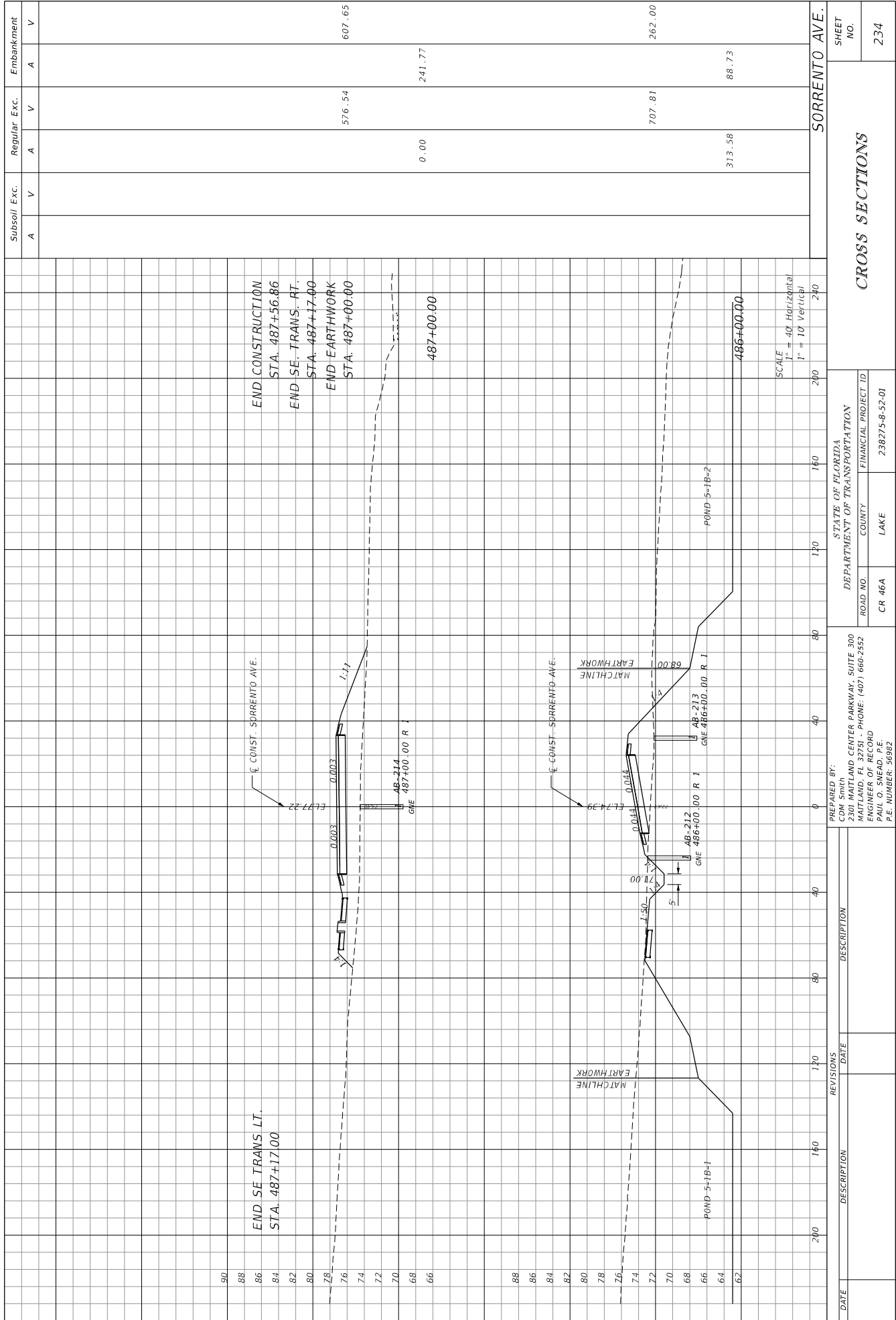
PREPARED BY:
 CDM Smith
 2301 MATLAND CENTER PARKWAY, SUITE 300
 MATLAND, FL 32751 - PHONE: (407) 660-2552
 ENGINEER OF RECORD
 PAUL O. SREED, P.E.
 P.E. NUMBER: 36982

DATE: 11/14/2015
 PROJECT: CR46A_Requirement\328275\201\roadway\RD5\RD02\20A

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION
 ROAD NO. CR 46A
 COUNTY LAKE
 FINANCIAL PROJECT ID 238275-8-52-01

CROSS SECTIONS

SHEET NO. 233



PREPARED BY: CDM Smith
 2301 MITLAND CENTER PARKWAY, SUITE 300
 MITLAND, FL 32751 - PHONE: (407) 660-2552
 ENGINEER OF RECORD
 PAUL O. SNEAD, P.E.
 P.E. NUMBER: 36992

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION
 ROAD NO. CR 46A
 COUNTY LAKE
 FINANCIAL PROJECT ID 238275-8-52-01
 WHEELER/TP
 11/4/2015 1:58:51 PM C:\Projects\CR46A_Rev1\dwg\23827585201 roadway\RD5\RD03.DWG

SUBSOIL EXC.		REGULAR EXC.	EMBANKMENT
A	V	A	V
A		V	A
V		A	V

200	160	120	80	40	0	40	80	120	160	200	240
90	88	86	84	82	80	78	76	74	72	70	68
88	86	84	82	80	78	76	74	72	70	68	66
88	86	84	82	80	78	76	74	72	70	68	66
88	86	84	82	80	78	76	74	72	70	68	66
88	86	84	82	80	78	76	74	72	70	68	66
88	86	84	82	80	78	76	74	72	70	68	66

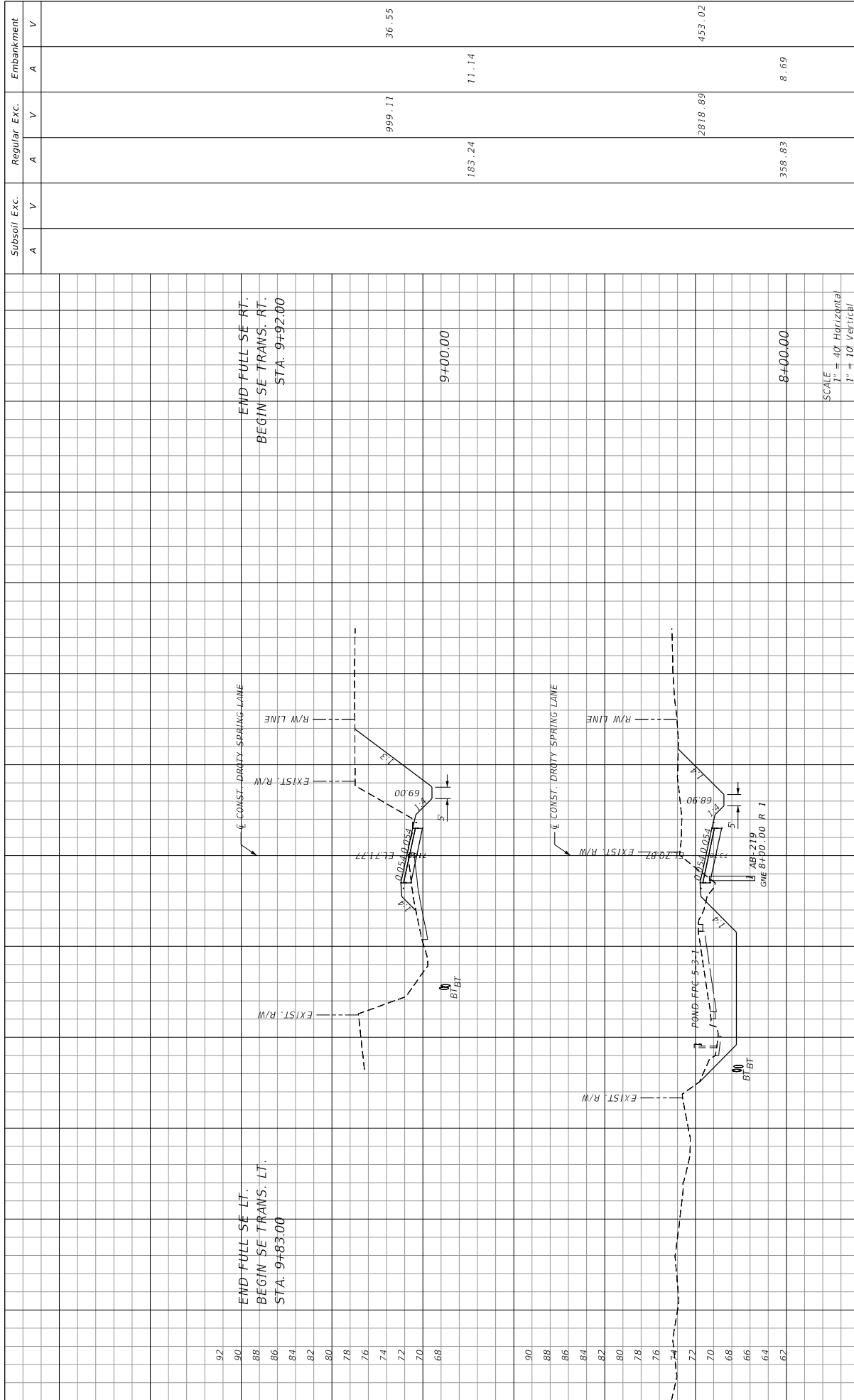
DATE	DESCRIPTION

DATE	DESCRIPTION

CROSS SECTIONS

SORRENTO AVE.

234



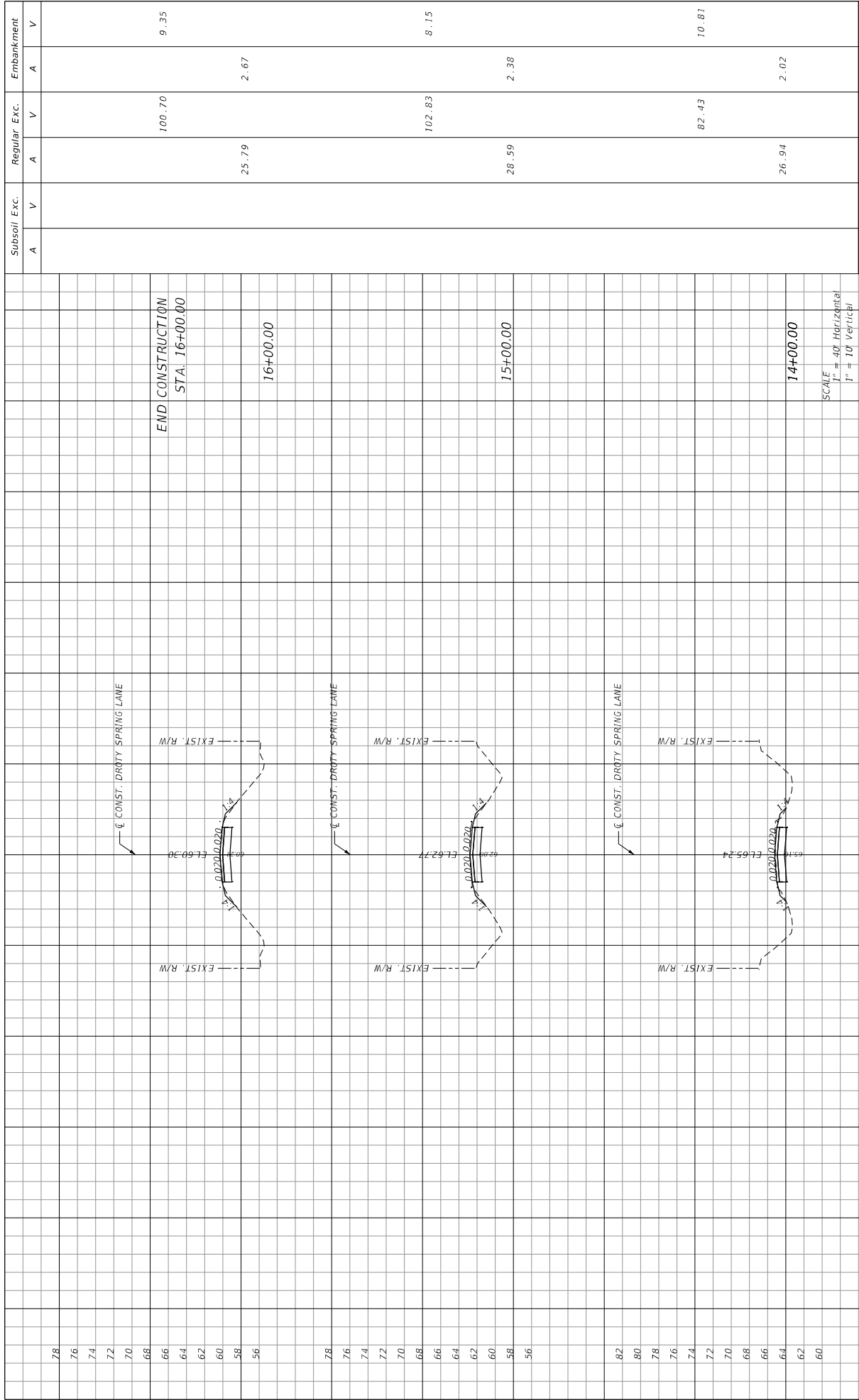
Subsoil Exc.	Regular Exc.	Embankment
A	A	A
V	V	V
	999.11	36.55
	183.24	11.14
	2818.89	453.02
	358.83	8.69

DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA	
DEPARTMENT OF TRANSPORTATION	
ROAD NO.	FINANCIAL PROJECT ID
CR 46A	238275-8-52-01
COUNTY	LAKE
WHEELER TP	

PREPARED BY:	
CDM Smith	
2301 MAITLAND CENTER PARKWAY, SUITE 300	
MAITLAND, FL 32751 - PHONE: (407) 660-2552	
ENGINEER OF RECORD	
PAUL O. SNEAD, P.E.	
P.E. NUMBER: 30982	

CROSS SECTIONS	
DROTY SPRING LANE	
SHEET NO.	236



DATE	REVISIONS	DESCRIPTION	STATE OF FLORIDA				SHEET NO.
			ROAD NO.	COUNTY	LAKE	FINANCIAL PROJECT ID	
			CR 46A	LAKE		238274-8-52-01	239
		DEPARTMENT OF TRANSPORTATION					
		PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 660-2552 ENGINEER OF RECORD PAUL O. SNEAD, P.E. P.E. NUMBER: 30982					
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			11/14/2015				
			1:50:34 PM				
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CROSS SECTIONS

Subsoil Exc. V A Regular Exc. V A V A Embankment V A V

Subsoil Exc. V A Regular Exc. V A V A Embankment V A V

Subsoil Exc. V A Regular Exc. V A V A Embankment V A V

Subsoil Exc. V A Regular Exc. V A V A Embankment V A V

Subsoil Exc. V A Regular Exc. V A V A Embankment V A V

Subsoil Exc. V A Regular Exc. V A V A Embankment V A V

Subsoil Exc. V A Regular Exc. V A V A Embankment V A V

Subsoil Exc. V A Regular Exc. V A V A Embankment V A V

Subsoil Exc. V A Regular Exc. V A V A Embankment V A V

Subsoil Exc. V A Regular Exc. V A V A Embankment V A V

Subsoil Exc. V A Regular Exc. V A V A Embankment V A V

Subsoil Exc. V A Regular Exc. V A V A Embankment V A V

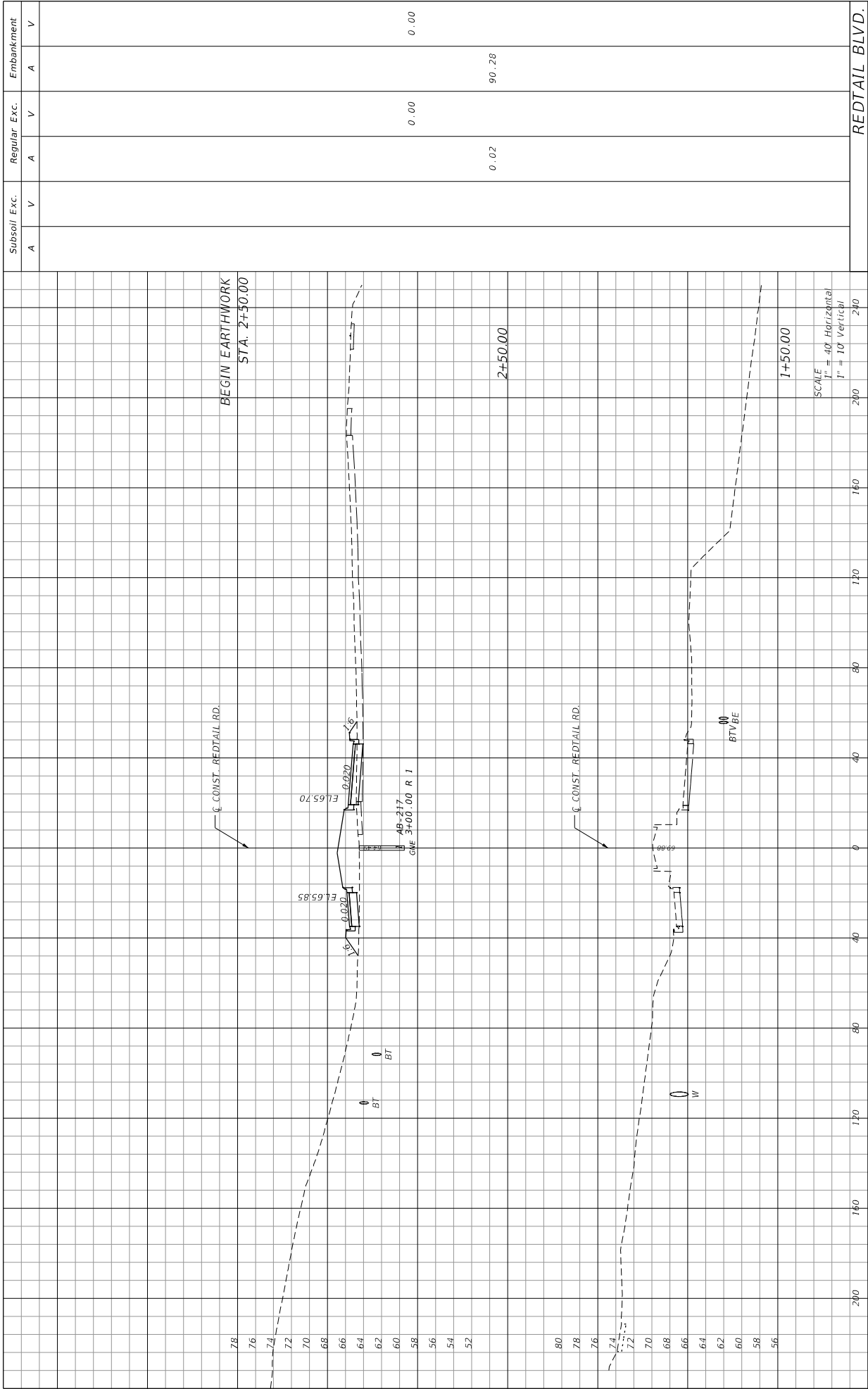
Subsoil Exc. V A Regular Exc. V A V A Embankment V A V

Subsoil Exc. V A Regular Exc. V A V A Embankment V A V

Subsoil Exc. V A Regular Exc. V A V A Embankment V A V

Subsoil Exc. V A Regular Exc. V A V A Embankment V A V

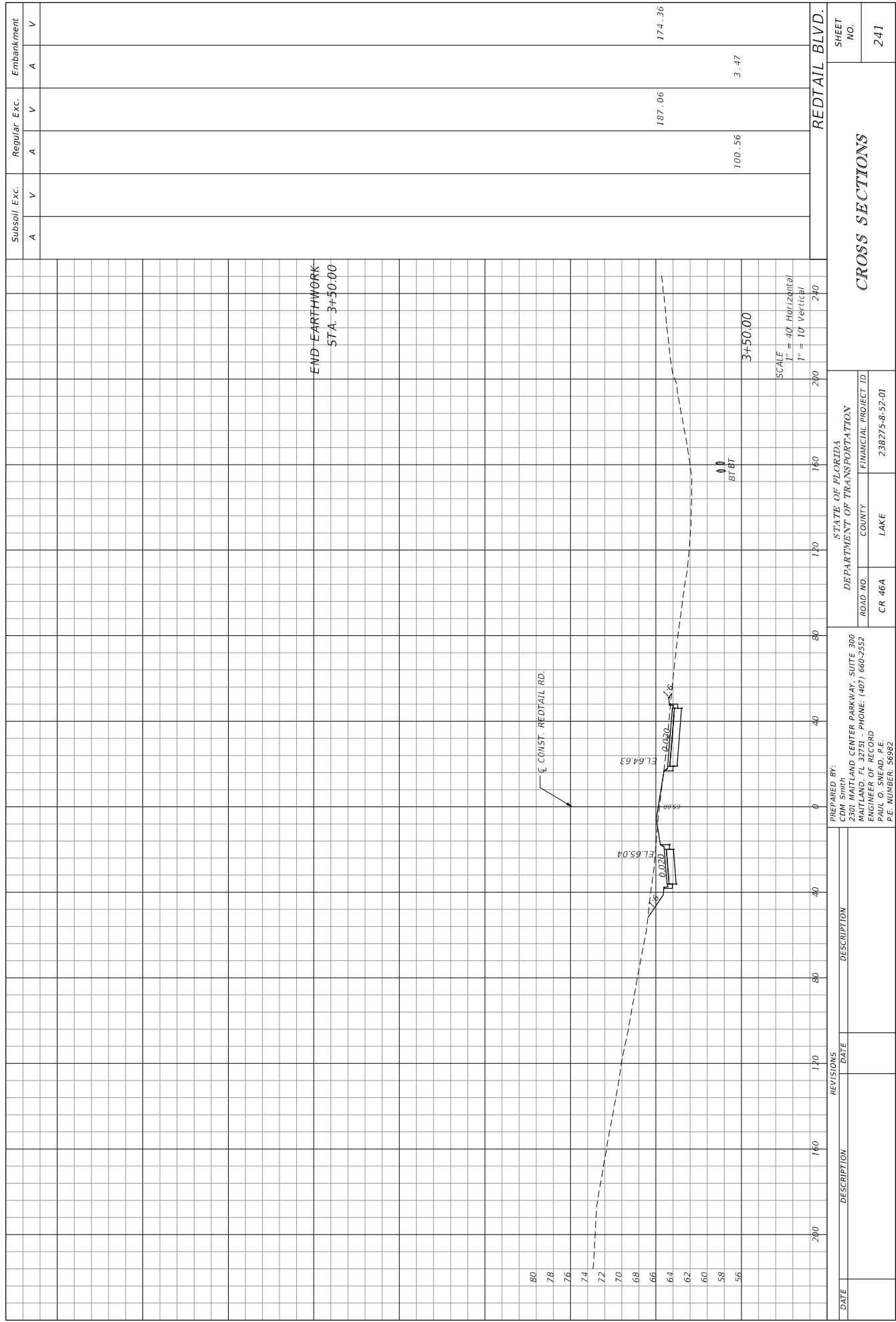
Subsoil Exc. V A Regular Exc. V A V A Embankment V A V



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 660-2552 ENGINEER OF RECORD PAUL O. SNEAD, P.E. P.E. NUMBER: 36982	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01	SHEET NO. 240
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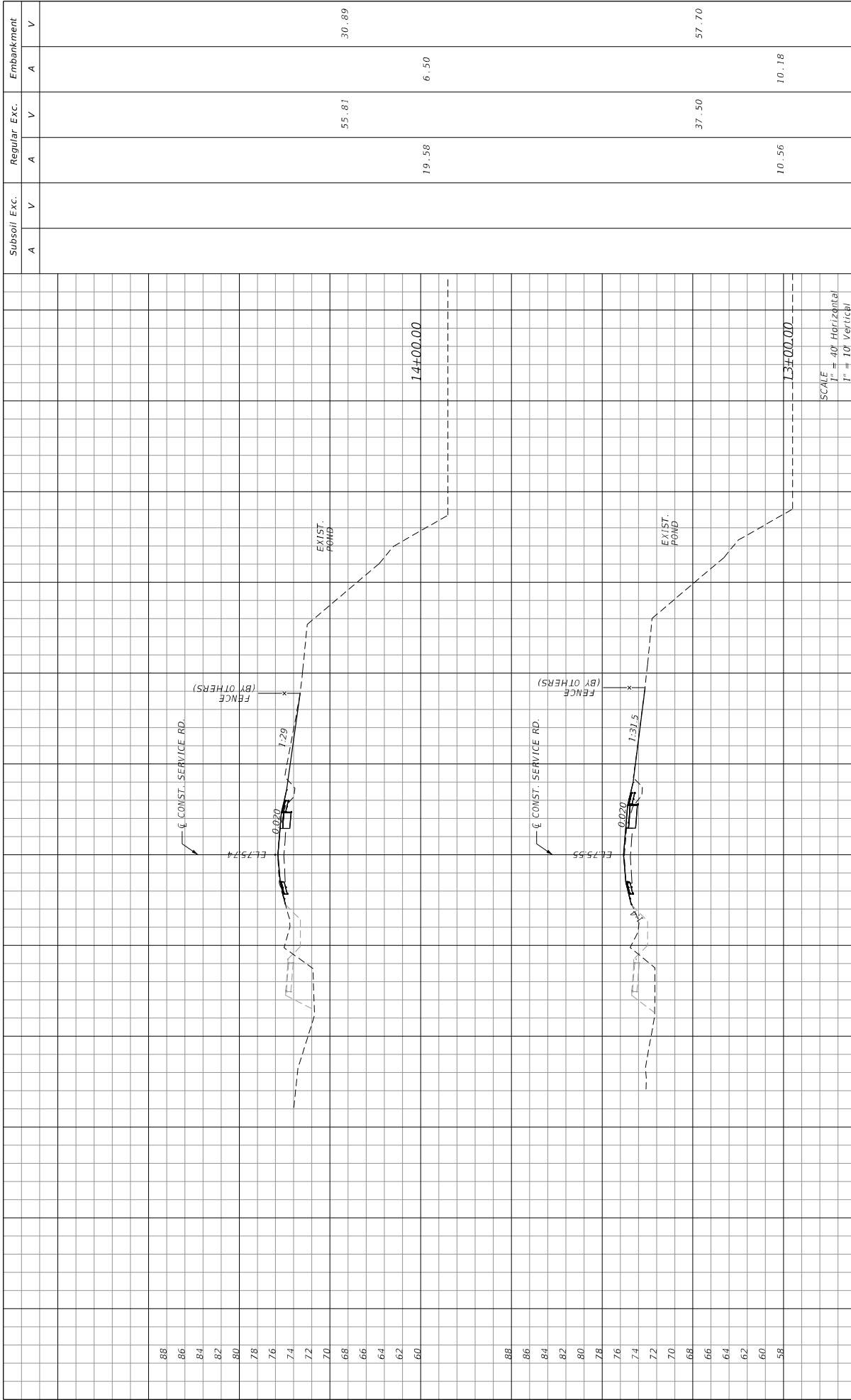
Subsoil Exc. A V Regular Exc. A V Embankment A V	0.02 0.00 0.00	200 240 240
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DATE		DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 660-2552 ENGINEER OF RECORD PAUL O. SNEAD, P.E. P.E. NUMBER: 36982		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238274-8-52-01	SHEET NO. 241
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CROSS SECTIONS	
RETAIL BLVD.	



DATE	DESCRIPTION	REVISIONS		DESCRIPTION	STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SHEET NO.
		DATE	DESCRIPTION		CR 46A	LAKE					
											245

PREPARED BY: CDM Smith
 2301 MATLAND CENTER PARKWAY, SUITE 300
 MATLAND, FL 32751 - PHONE: (407) 660-2552
 ENGINEER OF RECORD
 PAUL G. SNEAD, P.E.
 P.E. NUMBER: 30982

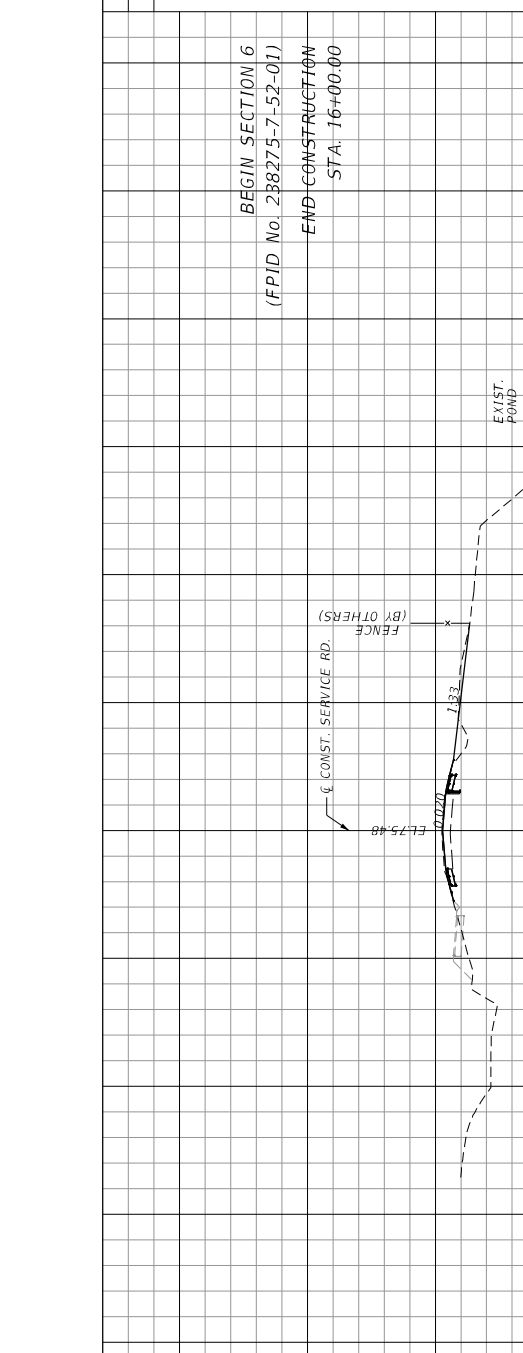
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11/4/2015

200235 PN

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BEGIN SECTION 6
(FPID No. 238275-7-52-01)
END CONSTRUCTION
STA. 16+00.00



EL. 75.88
1.00
1.33
EXIST. POND
FENCE (BY OTHERS)
CONST. SERVICE RD.

EL. 75.71
0.020
1.29
EXIST. POND
FENCE (BY OTHERS)
CONST. SERVICE RD.

SCALE
1" = 40' Horizontal
1" = 10' Vertical

Subsoil Exc.	Regular Exc.	Embankment
A	A	A
V	V	V

60.50	30.11
12.47	8.14
73.67	27.07
20.20	8.12

16+00.00

15+00.00

200 160 120 80 40 0

200 160 120 80 40 0

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROAD NO. CR 46A
COUNTY LAKE
FINANCIAL PROJECT ID 238275-8-52-01

PREPARED BY:
CDM Smith
2301 MATLAND CENTER PARKWAY, SUITE 300
MATLAND, FL 32751 - PHONE: (407) 660-2552
ENGINEER OF RECORD
PAUL G. SNEAD, P.E.
P.E. NUMBER: 30982

REVISIONS

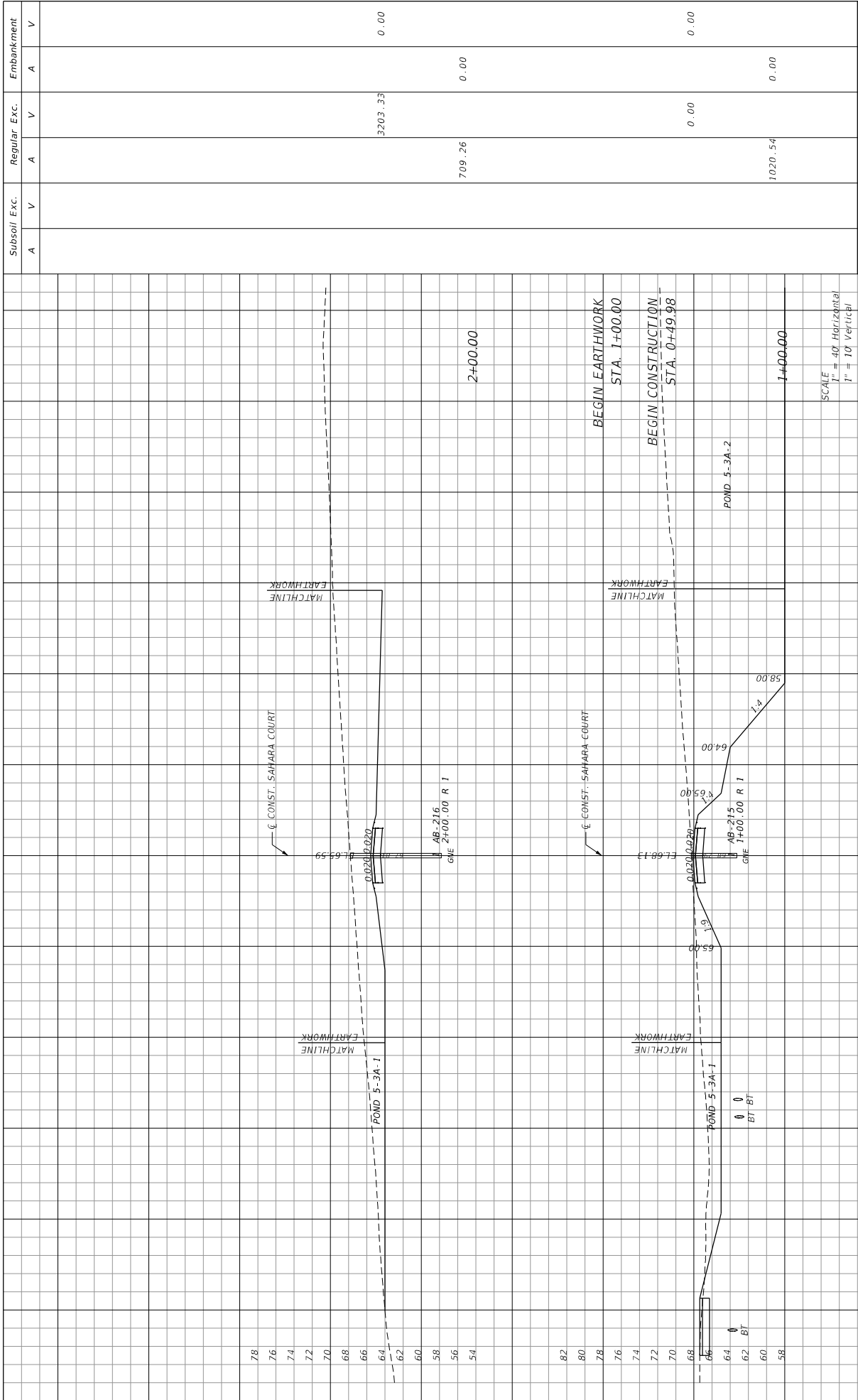
DATE	DESCRIPTION

DATE

DESCRIPTION

CROSS SECTIONS

SHEET NO. 246



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
			3203.33		0.00
		709.26			0.00
			1020.54		0.00
				SAHARA COURT	

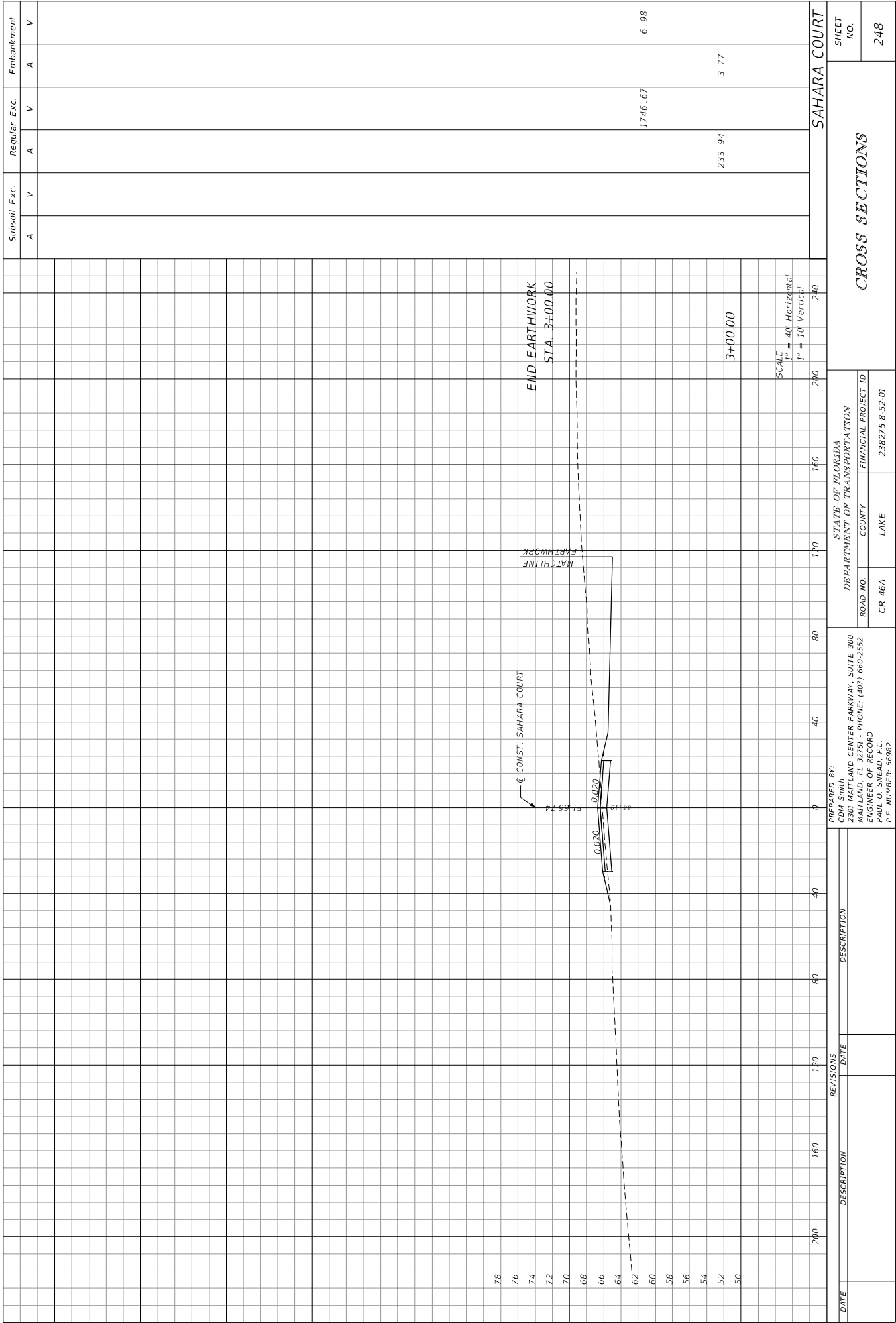
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION
LAKE COUNTY	CR 46A
PROJECT NO. 238275-8-52-01	FINANCIAL PROJECT ID 238275-8-52-01

PREPARED BY: COM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 666-2552 ENGINEER OF RECORD PAUL W. SHREVE, P.E. P.E. NUMBER: 36982
--

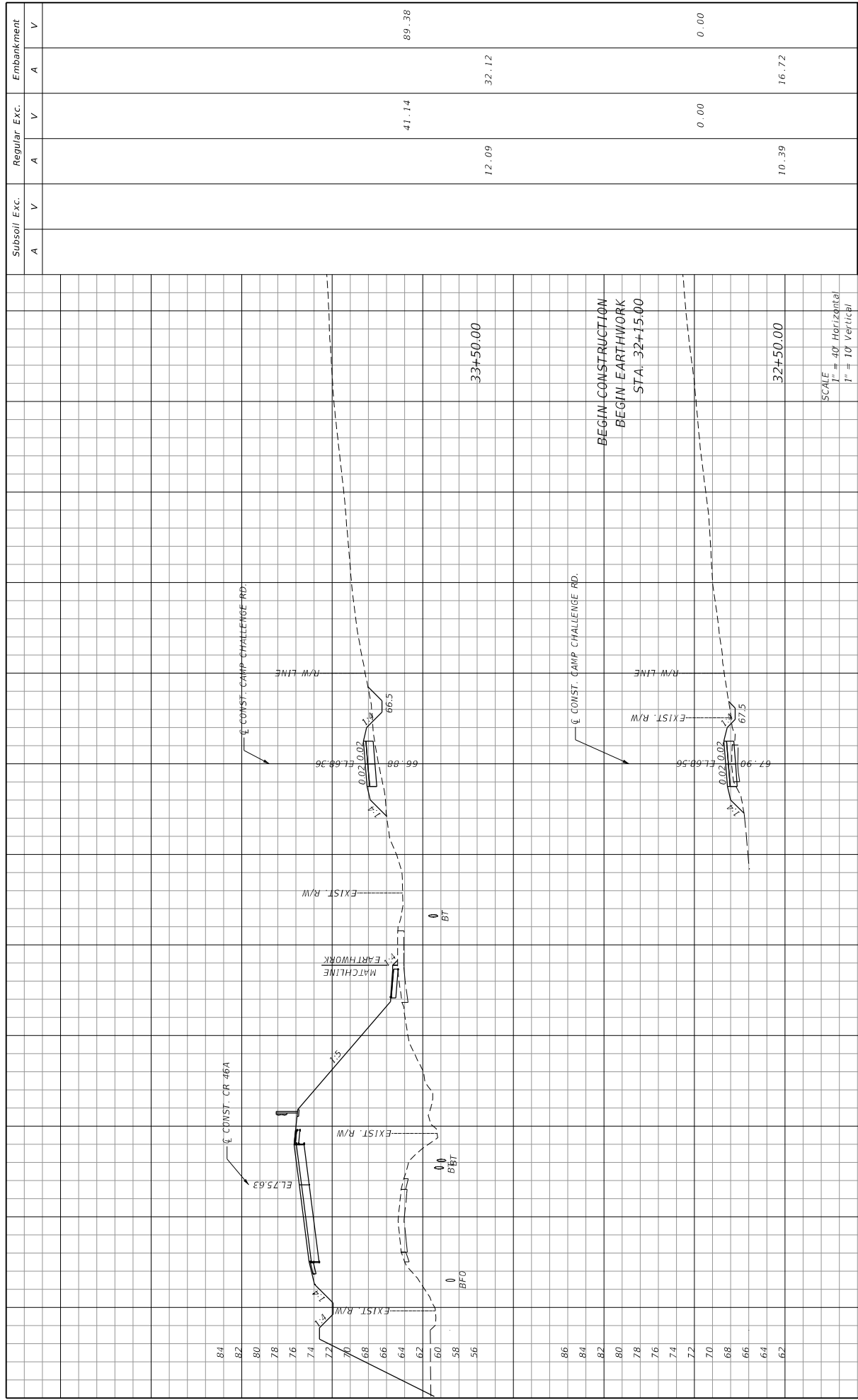
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SHEET NO.	247
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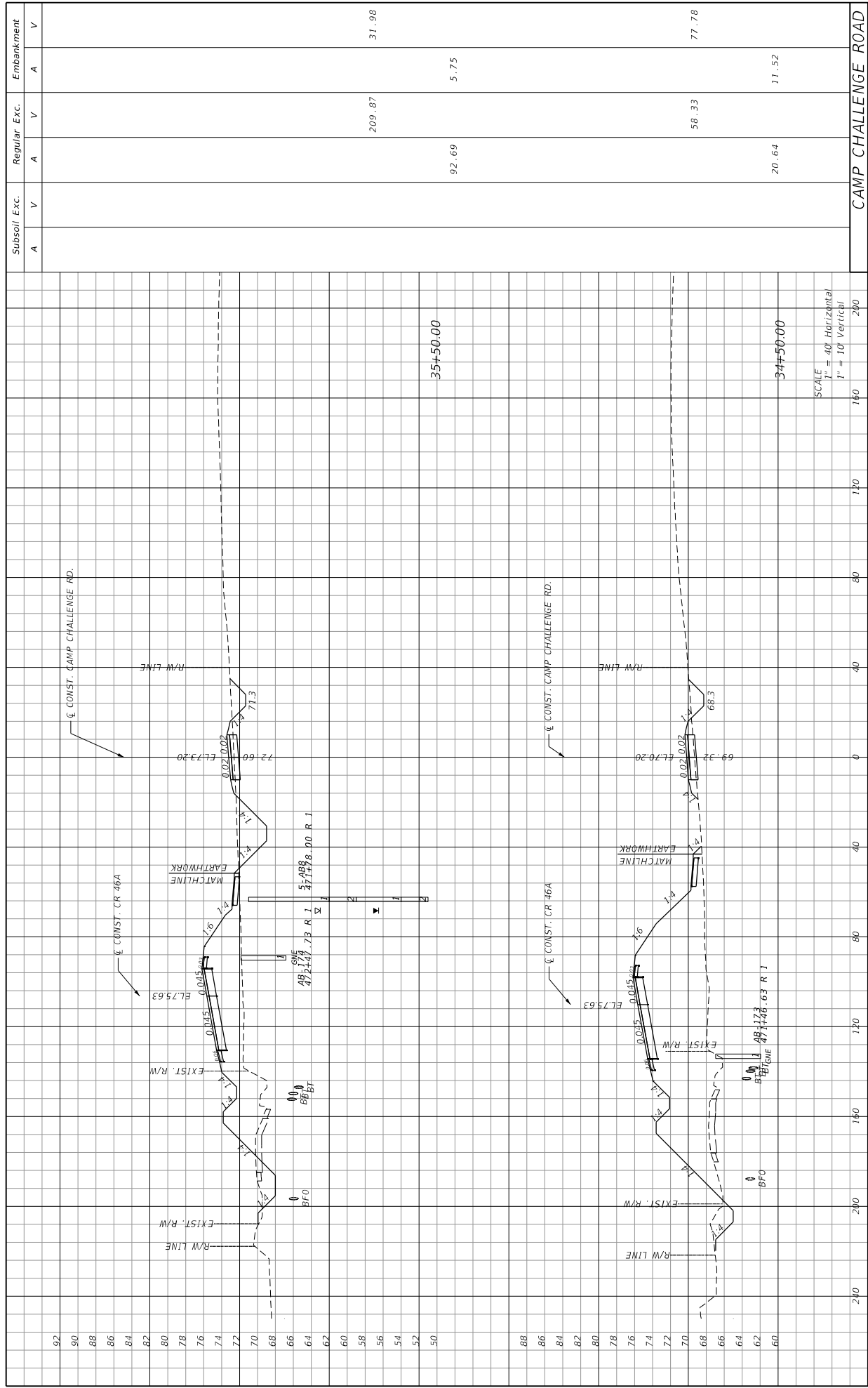
DATE	REVISIONS	DESCRIPTION	
		DESCRIPTION	DATE

PREPARED BY: COM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 666-2552 ENGINEER OF RECORD JULIUS BREAZER, P.E. P.E. NUMBER: 36982		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01
CROSS SECTIONS		SAHARA COURT
SHEET NO. 248		11/14/2015 2:00:46 PM C:\Projects\CR46A_Realign\23827585201 roadway\RD5\RD06.dgn



DATE	REVISIONS	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO. CR 46A	COUNTY LAKE	FINANCIAL PROJECT ID 238275-8-52-01
PREPARED BY: CDM Smith 2301 WATLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 866-2552 ENGINEER OF RECORD PAUL O. SNEAD, P.E. P.E. NUMBER: 20882			WHEELER GP 11/14/2015 200353.PW C:\Projects\CR46A_Requirement\3827565201\ roadway\RD5\RD037.dgn
CROSS SECTIONS			SHEET NO. 249



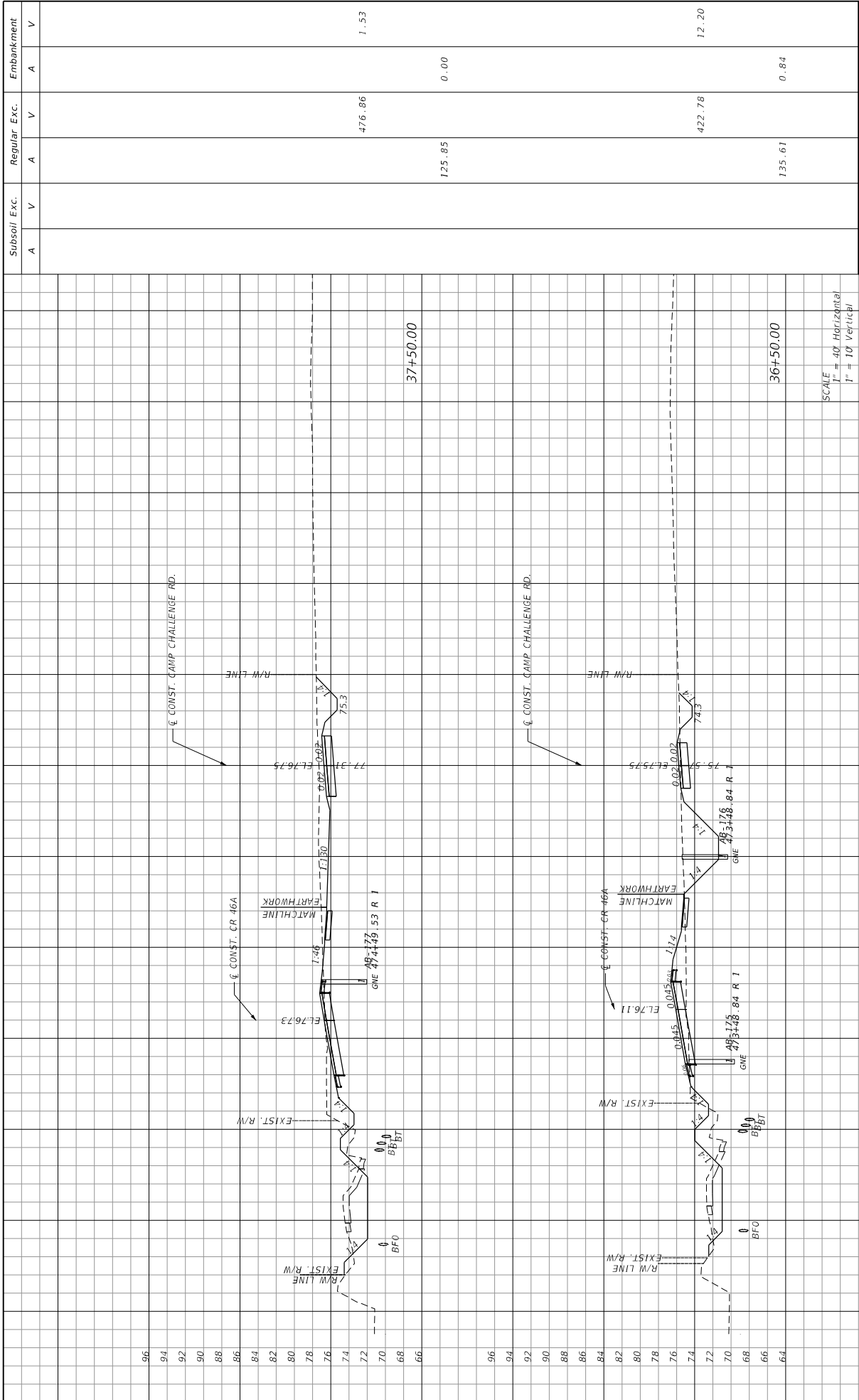
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY: CDM SMITH 2301 WATLAND CENTER PARKWAY, SUITE 300 WATLAND, FL 32751 - PHONE: (407) 866-2552 ENGINEER OF RECORD PAUL O. SWEAD, P.E. P.E. NUMBER: 20882		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01
---	--	---

Subsoil Exc.	Regular Exc.	Embankment
A	A	A
V	V	V
31.98		209.87
5.75		92.69
77.78		58.33
11.52		20.64
CAMP CHALLENGE ROAD		

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

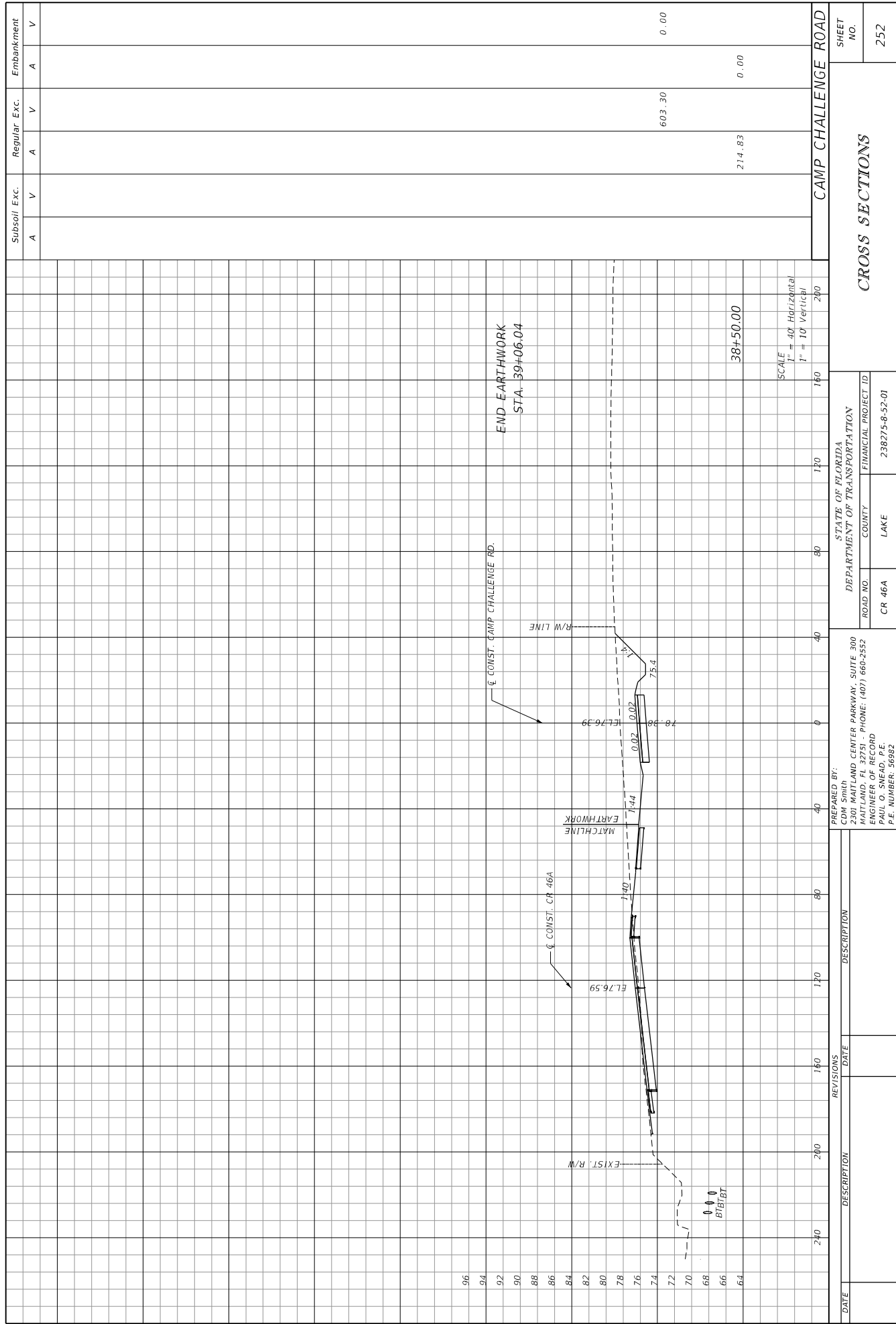
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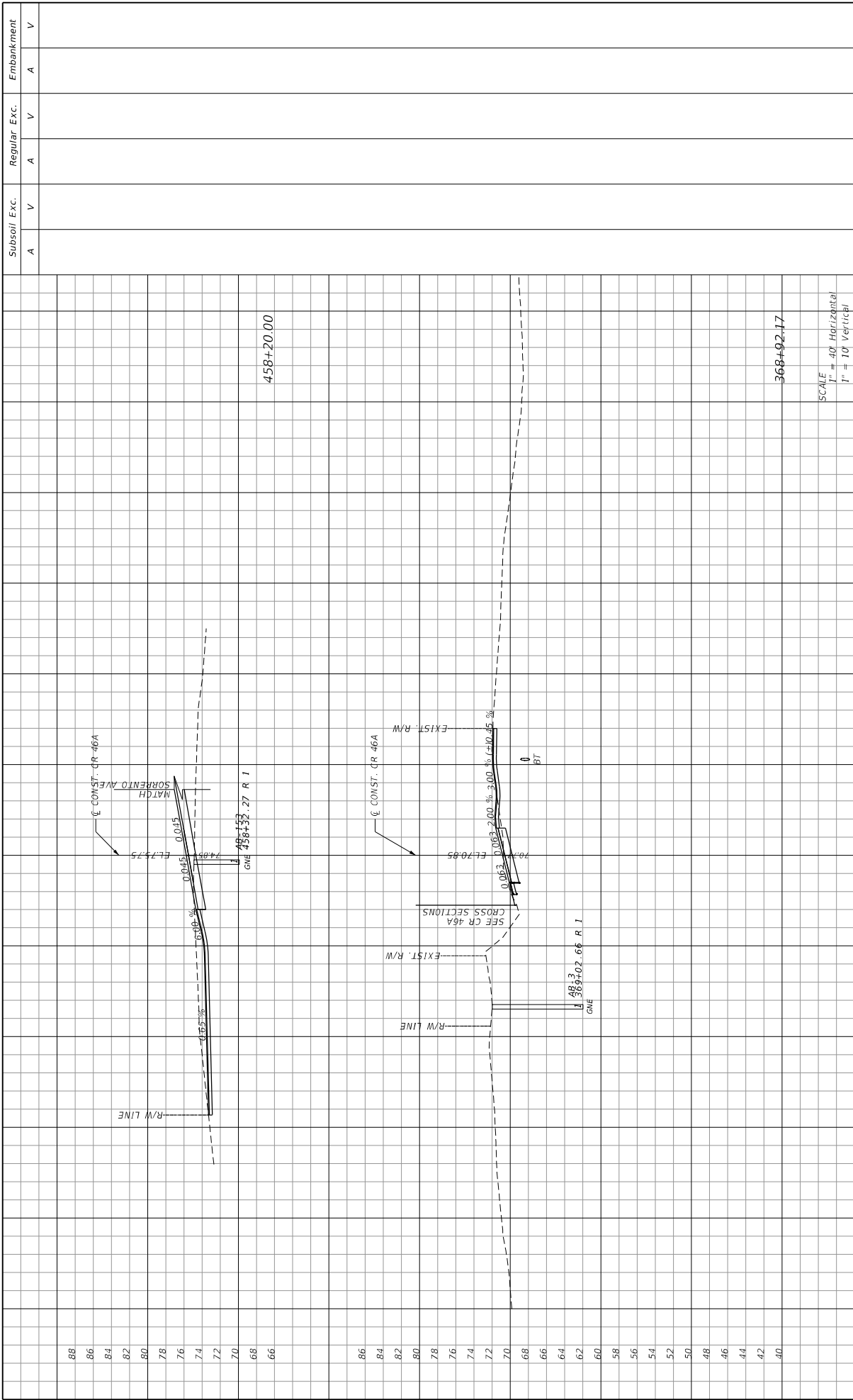


DATE	DESCRIPTION	REVISIONS		DATE	DESCRIPTION	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO. CR 46A	COUNTY LAKE	FINANCIAL PROJECT ID 238275-8-52-01	SHEET NO. 251
		NO.	DESCRIPTION							
						CROSS SECTIONS				
										11/14/2015

PREPARED BY:
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 ENGINEER OF RECORD
 PAUL O. SNEAD, P.E.
 P.E. NUMBER: 20982

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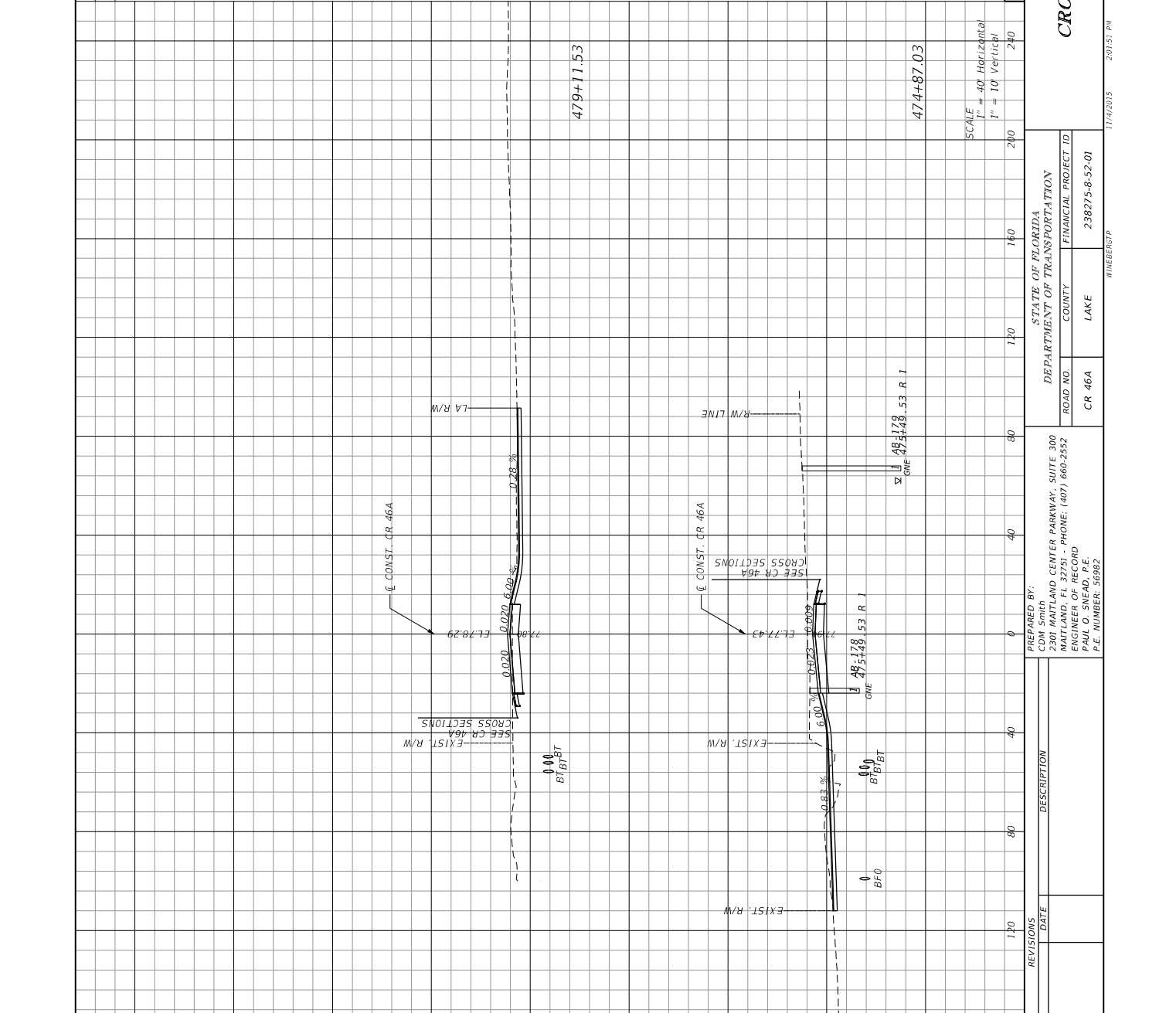


DATE	REVISIONS	DESCRIPTION	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO. CR 46A	COUNTY LAKE	FINANCIAL PROJECT ID 238275-8-52-01	SHEET NO. 253
			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	CR 46A	LAKE	238275-8-52-01	253
							DRIVEWAYS

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 PAUL O. SREED, P.E.
 P.E. NUMBER: 36982

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Subsoil Exc. Regular Exc. Embankment
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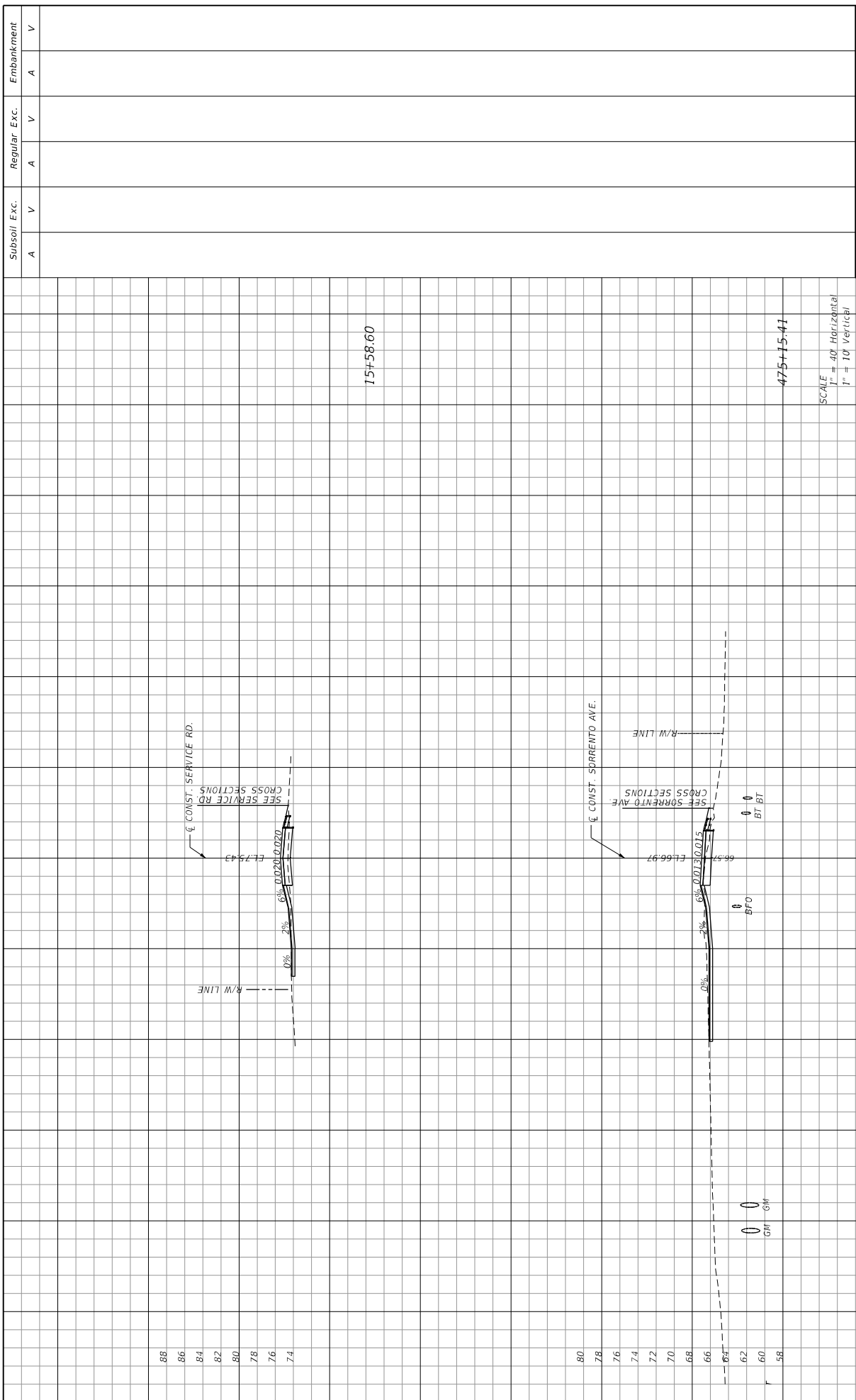


DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION	ROAD NO. CR 46A	COUNTY LAKE	FINANCIAL PROJECT ID 238274-8-52-01
CDM SMITH					

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ENGINEER OF RECORD	PAUL O. SWEAD, P.E.
P.E. NUMBER: 36962	

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

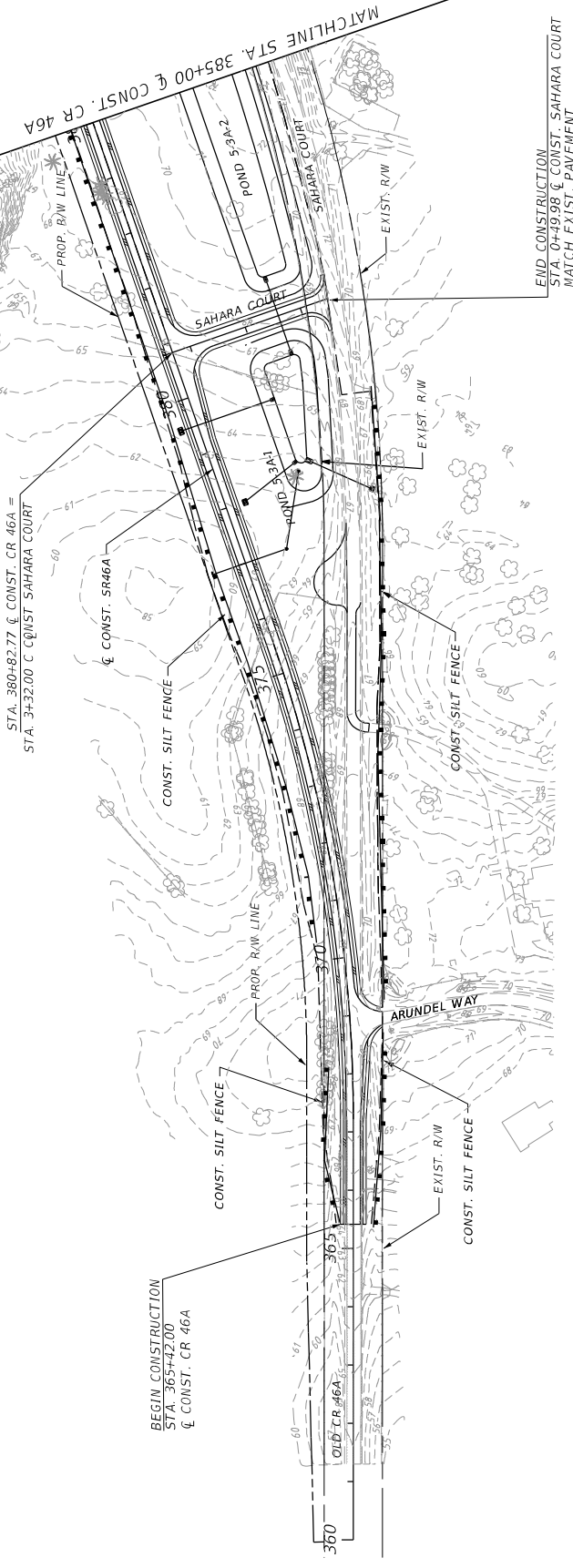
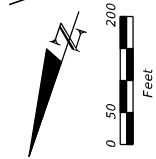


DATE	DESCRIPTION	REVISIONS		DATE	DESCRIPTION	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO. CR 46A	COUNTY LAKE	FINANCIAL PROJECT ID 238274-8-52-01	SHEET NO. 255
		NO.	DATE							

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 P.E. NUMBER: 36982

LEGEND FOR EROSION CONTROL

- SILT FENCE
- TURBIDITY BARRIER
- WETLAND LIMITS



STA. 380+82.77 C CONST. CR 46A =
STA. 3+32.00 C CONST SAHARA COURT

BEGIN CONSTRUCTION
STA. 365+42.00
C CONST. CR 46A

END CONSTRUCTION
STA. 0+49.98 C CONST. SAHARA COURT
MATCH EXIST. PAVEMENT

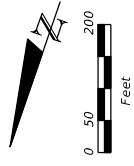
MATCHLINE STA. 385+00 C CONST. CR 46A

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY:
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PAUL O. SNEAD, P.E.
P.E. NUMBER: 36982

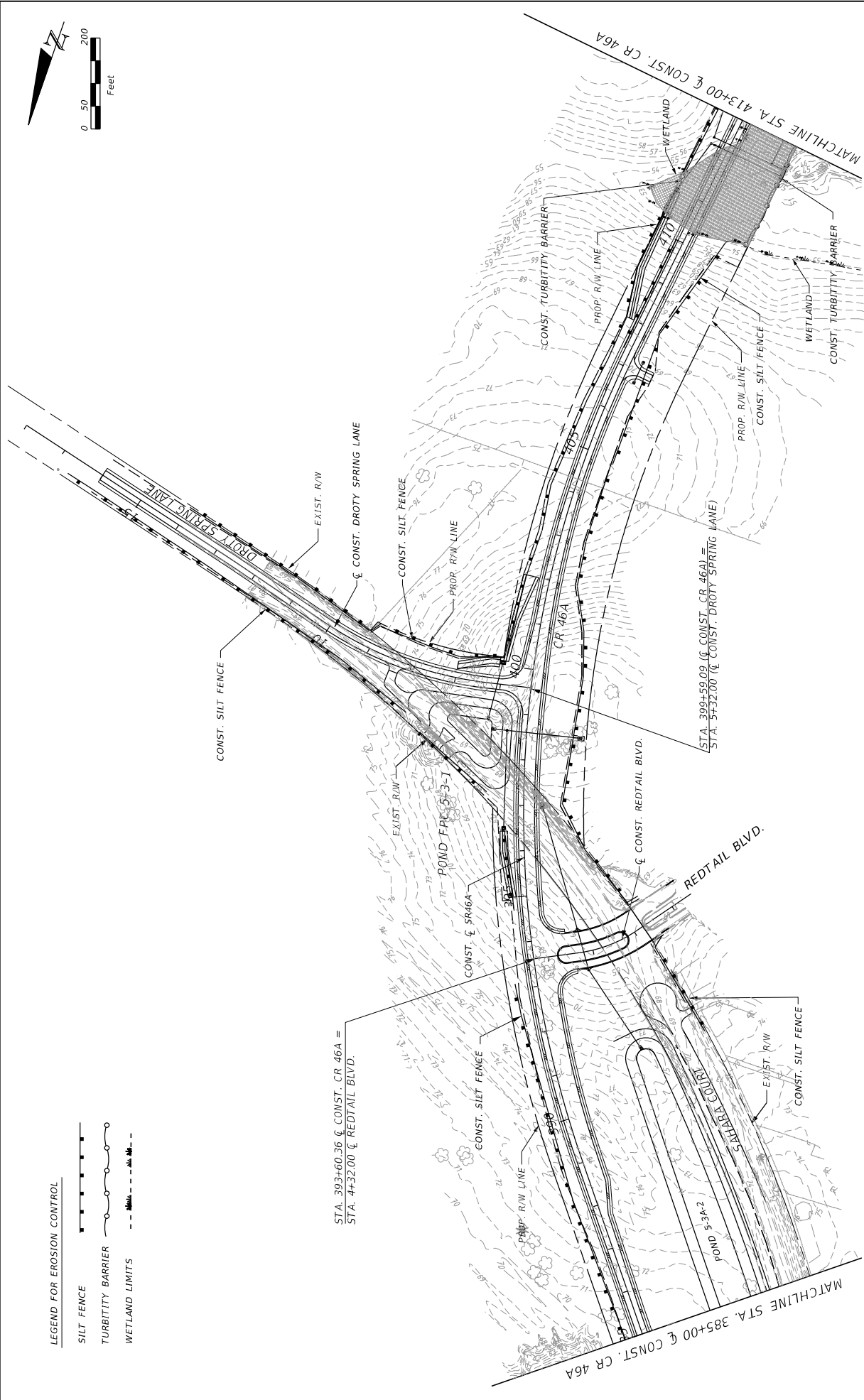
STATE OF FLORIDA	
DEPARTMENT OF TRANSPORTATION	
ROAD NO.	FINANCIAL PROJECT ID
CR 46A	238275-8-52-01
COUNTY	LAKE
WATEREIGHT	

EROSION CONTROL PLAN	
SHEET NO.	256



LEGEND FOR EROSION CONTROL

- SILT FENCE
- TURBIDITY BARRIER
- WETLAND LIMITS

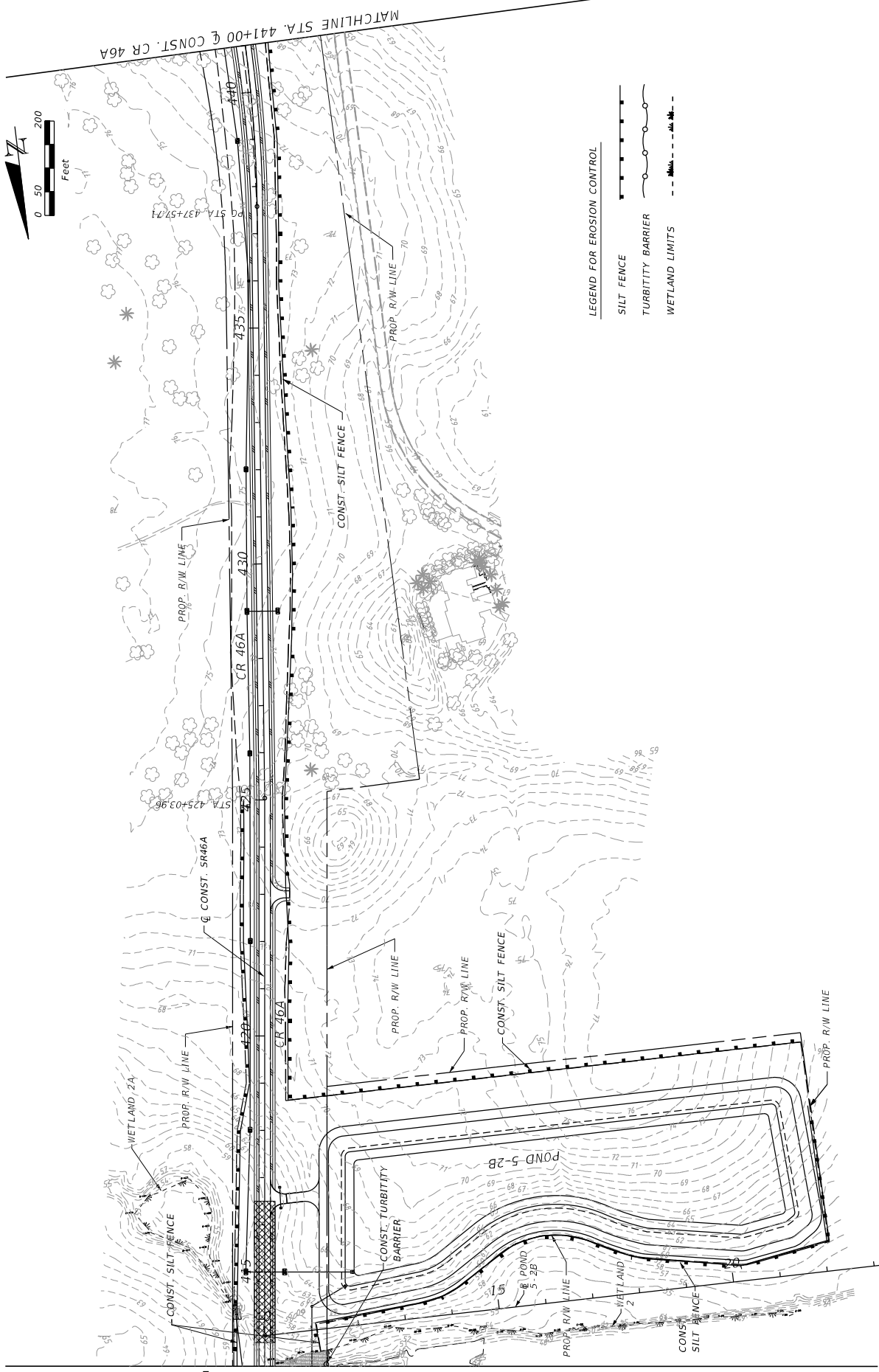


DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 660-2552 ENGINEER OF RECORD PAUL O. SNEAD, P.E. P.E. NUMBER: 36982		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A	FINANCIAL PROJECT ID 238275-8-52-01
COUNTY LAKE		WHEELER P 11/17/2015 2:02:12 PM C:\Projects\CR46A_Realign\238275-8-52-01\Drawings\SUPP002.DWG	

SHEET NO. 257

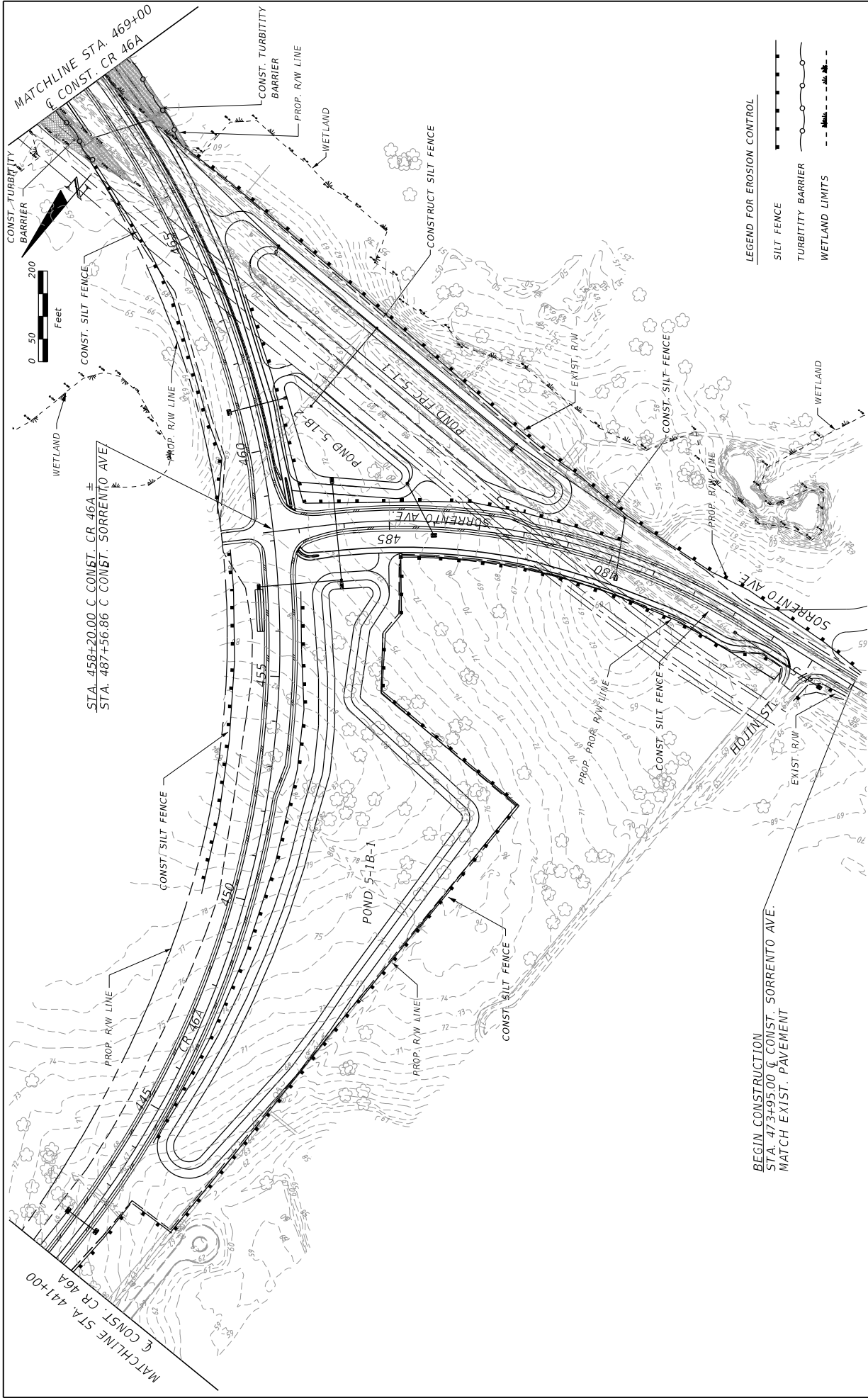
EROSION CONTROL PLAN



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 660-2552 ENGINEER OF RECORD PAUL O. SNEAD, P.E. P.E. NUMBER: 36982		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A	COUNTY LAKE	FINANCIAL PROJECT ID 238275-8-52-01
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EROSION CONTROL PLAN	
SHEET NO. 258	DATE 11/17/2015



BEGIN CONSTRUCTION
 STA. 473+95.00 @ CONST. SORRENTO AVE.
 MATCH EXIST. PAVEMENT

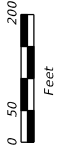
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY: CDM Smith 2301 WATLAND CENTER PARKWAY, SUITE 300 WATLAND, FL 32751 - PHONE: (407) 660-2552 ENGINEER OF RECORD PAUL O. SNEAD, P.E. P.E. NUMBER: 30982		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A	
COUNTY LAKE		FINANCIAL PROJECT ID 238275-8-52-01	

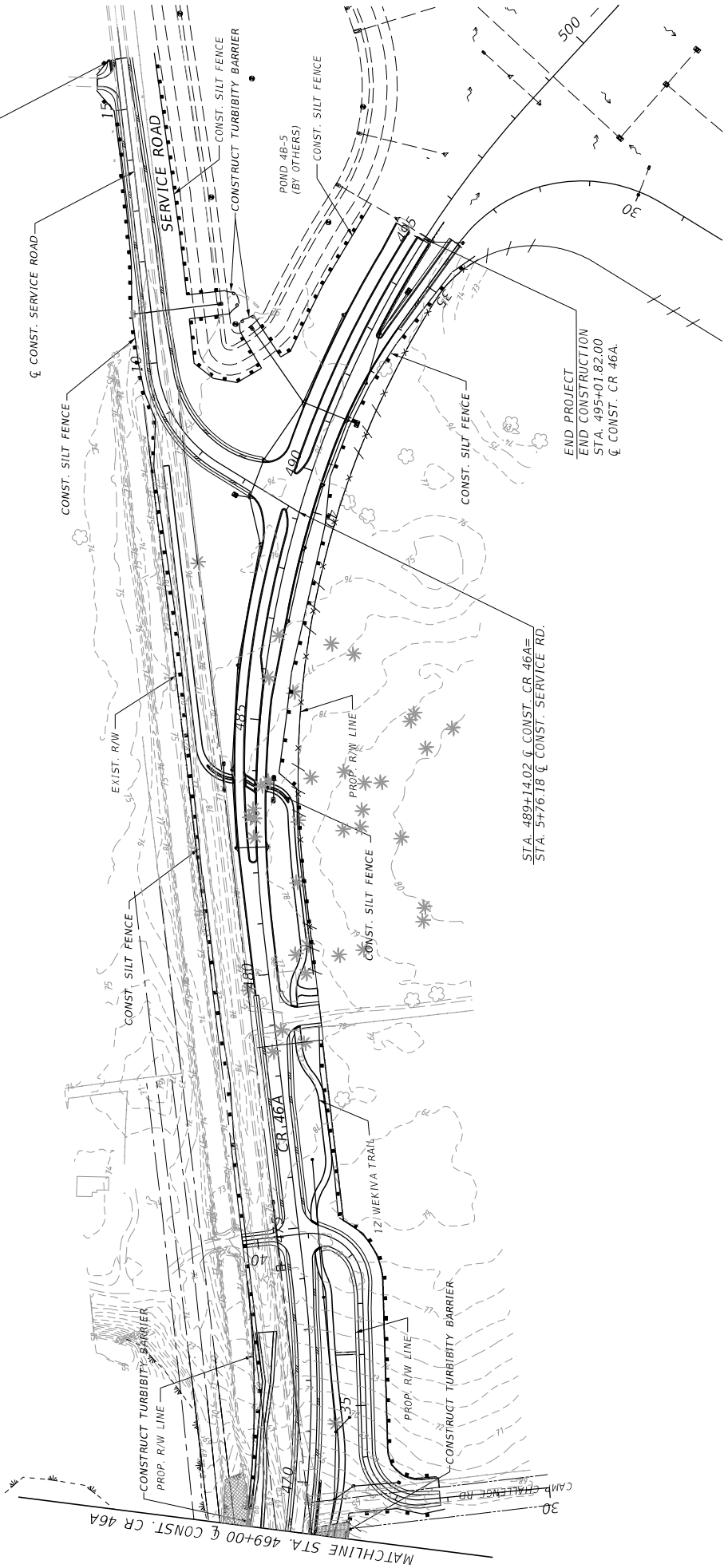
SHEET NO. 259	
EROSION CONTROL PLAN	

LEGEND FOR EROSION CONTROL

- SILT FENCE
- TURBIDITY BARRIER
- WETLAND LIMITS



END CONSTRUCTION
 STA. 16+00.00 @ CONST. SERVICE RD.
 BEGIN SECTION 6
 (FPID No. 238275-7-52-01)



STA. 489+14.02 @ CONST. CR 46A=
 STA. 5+76.18 @ CONST. SERVICE RD.

END PROJECT
 END CONSTRUCTION
 STA. 495+01.82.00
 @ CONST. CR 46A.

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY: CDM Smith 2301 WATLAND CENTER PARKWAY, SUITE 300 WATLAND, FL 32751 - PHONE: (407) 660-2552 ENGINEER OF RECORD PAUL O. SNEAD, P.E. P.E. NUMBER: 36982		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01
PROJECT NO. 238275-7-52-01 SHEET NO. 260		EROSION CONTROL PLAN

I. SITE DESCRIPTION :

(1) NATURE OF CONSTRUCTION ACTIVITY: THE PROPOSED CR 46A REALIGNMENT PROJECT BEGINS FROM NORTH OF ARUNDEL WAY TO SR 46 IN LAKE COUNTY. THE PROPOSED PROJECT IS APPROXIMATELY 2.5 MILES LONG. THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) PROPOSES TO CONSTRUCT NEW ROADWAY, AND WIDEN THE EXISTING ROAD. THE PROPOSED ROADWAY WILL CONSIST OF TWO NEW 12-FOOT LANES WITH 10-FOOT SHOULDERS (5-FOOT PAVED) AND A 12-FOOT WIDE SHARED USE PATH AT THE SOUTHERN END OF THE PROJECT. DRAINAGE IMPROVEMENTS CONSIST OF CONSTRUCTION OF STORMWATER PONDS AND STORM SEWER INLETS AND PIPES.

(2) SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES :

- (a) THE CONTRACTOR SHALL BE REQUIRED TO PREPARE A SITE SPECIFIC EROSION CONTROL PLAN ALONG WITH A DRAINAGE CONTROL PLAN. THESE PLANS SHALL BE SUBMITTED TO THE COUNTY ENGINEER FOR REVIEW AND DETERMINE SEQUENCES OF TEMPORARY AND PERMANENT SOIL DISTURBING ACTIVITIES ON ALL PORTIONS OF THE PROJECT.
- (b) THE CONTRACTOR WILL BE REQUIRED TO MODIFY THE PLAN OR MATERIALS TO ADAPT TO SEASONAL VARIATIONS, CONSTRUCTION ACTIVITY VARIATIONS OR AS DIRECTED BY THE ENGINEER.
- (c) APPLICABLE EROSION CONTROL DEVICES AND IMPLEMENTATION PROCEDURES ARE SUPPLIED IN THE FOOT EROSION AND SEDIMENT CONTROL MANUAL.
- (d) THE ENGINEER IS RESPONSIBLE FOR DETERMINING IF ANY MODIFICATIONS OR ADDITIONAL CONTROLS ARE REQUIRED AND TO OBTAIN DEPLOYMENT SCHEDULES FOR THE IMPLEMENTATION OF ALL ADDITIONAL EROSION CONTROL DEVICES FROM THE CONTRACTOR.

- (3) GENERAL NOTES:
 - (a) ALL EROSION AND SEDIMENT CONTROL DEVICES FOR EACH PHASE OF WORK ARE TO BE INSTALLED PRIOR TO BEGINNING WORK ON THAT PHASE.
 - (b) INSTALL EROSION AND SEDIMENT CONTROL DEVICES WHERE LISTED IN THE CONTRACTOR'S APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR PERIMETER CONTROLS BEFORE THE LAND IS DISTURBED.
 - (c) EROSION AND SEDIMENT CONTROL DEVICES LISTED IN THE CONTRACTOR'S APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR DITCH BENCHES DURING CONSTRUCTION.
 - (d) PROVIDE INLET PROTECTION SYSTEMS AT INLET OPENINGS.
 - (e) COVER OR STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE.
 - (f) DO NOT DISTURB AN AREA UNTIL IT IS NECESSARY FOR CONSTRUCTION TO PROCEED.
 - (g) TIME CONSTRUCTION ACTIVITIES TO LIMIT IMPACT FROM SEASONAL CLIMATE CHANGES OR WEATHER EVENTS.
 - (h) DO NOT REMOVE PERIMETER CONTROLS UNTIL AFTER ALL UPSTREAM AREAS ARE FULLY STABILIZED AND PERMANENT VEGETATION IS ESTABLISHED.

(4) PROJECT AREAS
THE ESTIMATED TOTAL PROJECT AREA IS 105 ACRES. THE ESTIMATED AREA TO BE DISTURBED DURING CONSTRUCTION ACTIVITIES IS 105 ACRES.

(5) RUNOFF COEFFICIENTS FOR:
IMPERVIOUS ROADS, DRIVEWAYS AND PAVED SHOULDERS: C=0.90
DISTURBED AREAS, EXPOSED SOIL, ETC., DURING CONSTRUCTION: C=0.20
WEIGHTED RUNOFF COEFFICIENT:
BEFORE: Cw(B) = 0.4 DURING CONSTRUCTION: Cw(D) = 0.6 AFTER: Cw(A) = 0.6
THE RUNOFF COEFFICIENT DURING CONSTRUCTION, Cw(D), IS CALCULATED ASSUMING THAT THE MAXIMUM ALLOWABLE AREA OF SOIL IS DISTURBED DURING CONSTRUCTION, AND THE REMAINING AMOUNT IS THE EXISTING IMPERVIOUS AND GRASSED SHOULDER AREAS.

(6) DESCRIPTION OF SOIL OR QUALITY OF DISCHARGE
THE SOIL WITHIN THE PROJECT AREA ENCOUNTERED IN THE PROPOSED POND SITE AND ROADWAY CONSISTS PRIMARILY OF SAND AND SANDY CLAY.

A ROADWAY SOIL SURVEY IS CONTAINED IN THE CONSTRUCTION PLANS.

(7) ESTIMATED DRAINAGE AREA AND AVERAGE SLOPE OF DRAINAGE AREA FOR EACH OUTFALL:
(a) SITE MAP : THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAP.
(b) DRAINAGE MAP : PLEASE REFER TO DRAINAGE MAP CONTAINED IN THE CONSTRUCTION PLANS.

(8) RECEIVING WATERS:
THE PROPOSED TREATED STORMWATER RUNOFF WITHIN THE PROJECT LIMITS OUTFALLS INTO THE SEMINOLE CREEK (BASIN 3), BEAR LAKE FLOODPLAIN (BASIN 2) AND MOUNT PLYMOUTH LAKE (BASIN 1).

(9) THE OUTFALL SEMINOLE CREEK IS CONSIDERED AN OUTSTANDING FLORIDA WATERWAY.

(10) OUTFALL LOCATIONS: (TEMPORARY AND PERMANENT)

DESCRIPTION	LATITUDE	LONGITUDE
(a) SEMINOLE CREEK	LAT 27° 58' 49" N	LONG 66° 30' 14" E
(b) BEAR LAKE FLOODPLAIN	LAT 27° 58' 13" N	LONG 66° 31' 14" E
(c) MOUNT PLYMOUTH LAKE	LAT 27° 59' 12" N	LONG 66° 33' 31" E

(11) WETLAND IMPACTS ARE LIMITED TO THE AREAS DESCRIBED IN THE APPROVED PERMITS FOR THE PROJECT.

(12) DESCRIPTION OF STORMWATER MANAGEMENT : (EXISTING/PROPOSED)
(a) PRESENTLY, EXISTING DRAINAGE FLOWS ARE TYPICALLY OVERLAND FLOW AND COLLECTED IN ROADSIDE SWALES AND FLOW TO CROSS DRAINS, AND WETLANDS AND DISCHARGE TO WATERBODIES (WBID 2965, WBID 2967, AND WBID 2953).
(b) OFF-SITE RUNOFF SHOULD BE DIVERTED AWAY OR THROUGH THE CONSTRUCTION AREA, IF POSSIBLE THIS ADDITIONAL FLOW, IF NOT DIVERTED, CAN ADD VOLUME AND SIZE TO STRUCTURAL PRACTICES, REQUIRING MORE FREQUENT MAINTENANCE AND LIMITING EFFECTIVENESS OF EROSION AND SEDIMENT CONTROLS.
(c) THE CONTRACTOR WILL PROVIDE POLLUTION CONTROL BY IMPLEMENTING DUST CONTROL DURING ALL PHASES OF CONSTRUCTION. THIS WILL BE ACCOMPLISHED BY USING STREET OR VACUUM SWEEPERS.

(d) STORMWATER SHALL BE CONVEYED TO EITHER TEMPORARY SEDIMENT BASINS, CONTAINMENT SYSTEMS AND/OR TO PERMANENT STORMWATER MANAGEMENT FACILITIES (TREATMENT AND ATTENUATION PONDS). THE PROPOSED PONDS SHALL BE CONSTRUCTED DURING THE INITIAL PHASE OF CONSTRUCTION AND USED DURING CONSTRUCTION OF THE ROADWAY. THE OUTFALL STRUCTURE ARE TO BE PLUGGED WHEN TEMPORARY SEDIMENT BASINS, CONTAINMENT SYSTEMS OR PERMANENT STORMWATER MANAGEMENT FACILITIES ARE USED FOR EROSION AND SEDIMENT CONTROL.
(e) THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO PREVENT UNAUTHORIZED MATERIALS FROM ENTERING WETLANDS, WATERWAYS, OTHER SURFACE WATERS OR WATERS OF THE US.

II. CONTROLS:

EROSION AND SEDIMENT CONTROLS

(1) WATER QUALITY MONITORING :

- (a) WATER QUALITY MONITORING SHALL BE CONDUCTED IN ACCORDANCE WITH THE SPECIAL CONDITIONS OF ANY ENVIRONMENTAL PERMIT OR BY THE CONTRACTOR UPON THE OBSERVATION THAT WATER QUALITY STANDARDS MAY BE VIOLATED BY THE CONTRACTOR'S ACTIVITIES. MONITORING LOCATIONS MAY BE SPECIFIED IN THE ENVIRONMENTAL PERMIT OR MAY BE DESIGNATED BY THE CONTRACTOR AND APPROVED BY THE PROJECT ADMINISTRATOR.
- (b) THE PROJECT ADMINISTRATOR WILL BE RESPONSIBLE FOR MONITORING ANY ACTIVITIES FOR VIOLATION OF WATER QUALITY STANDARDS AS THEY RELATE TO TURBIDITY (NO GREATER THAN 29 NEPHELOMETER TURBIDITY UNITS (NTU) ABOVE BACKGROUND OR GREATER THAN 0 NTU ABOVE BACKGROUND FOR DIRECT DISCHARGES TO OUTSTANDING FLORIDA WATERS (OFW)).
- (c) THE WATER QUALITY STANDARDS NOT INCLUDED, CONSTRUCTION SHOULD BE STOPPED IMMEDIATELY. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE PROJECT ADMINISTRATOR OF ANY VIOLATIONS. MONITORING ACTIVITIES AND TURBIDITY READINGS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION REPORT AND CONTINUED UNTIL THE ENGINEER PRIOR TO ANY CONTINUATION OF ACTIVITY. MONITORING ACTIVITIES AND TURBIDITY READINGS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION REPORT AND CONTINUED UNTIL TURBIDITY READINGS FALL BELOW AN ACCEPTABLE LEVEL (29 NTU ABOVE BACKGROUND OR 1 NTU ABOVE BACKGROUND FOR DIRECT DISCHARGES TO OFW).
- (d) WATER QUALITY MONITORING MAY BE CONDUCTED DURING ANY PHASE OF CONSTRUCTION AS DIRECTED BY THE PROJECT ENGINEER.

(2) STABILIZATION PRACTICES:

- (a) STABILIZATION MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO MAINTAINING, ESTABLISHING AND USING VEGETATION, APPLYING MULCHES, SODDING, SEEDING, B.M.P.S AND THE USE OF ROLLED EROSION CONTROLLED PRODUCTS. WHEN SODDING OR SEEDING OR ANY OTHER APPROVED METHOD OF STABILIZATION INCLUDED IN THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEW MANUAL (ESSC-MANUAL).
- (b) STABILIZATION SHALL TAKE PLACE AS SOON AS PRACTICAL IN PORTIONS OF THE PROJECT WHERE CONSTRUCTION ACTIVITIES HAVE CEASED, BUT NO LATER THAN 7 DAYS AFTER ANY CONSTRUCTION ACTIVITY CEASES EITHER TEMPORARILY OR PERMANENTLY.

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY:
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ENGINEER OF RECORD
PAUL O. SNEAD, P.E.
P.E. NUMBER: 36982

STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION
LAKE COUNTY	FINANCIAL PROJECT ID
LAKE	238275-8-52-01
CR 46A	

STORMWATER POLLUTION PREVENTION PLAN	
SHEET NO.	261

- (c) ALL EROSION CONTROL DEVICES SHALL BE INSTALLED ACCORDING TO THE CONTRACT DOCUMENTS, AND THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN.
- (d) ANY TEMPORARY MATERIAL USED FOR POLLUTION OR EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT AND FINAL STABILIZATION OF THE PROJECT HAS BEEN ACHIEVED.
- (e) SEDIMENT BARRIERS SHOULD BE USED ALONG THE LENGTH OF THE PROJECT WHERE THE GROUND SLOPES AWAY FROM THE RIGHT OF WAY OR WHERE THERE IS POTENTIAL FOR SEDIMENT TO BE DIRECTED OFF-SITE. PARTICULAR CARE SHOULD BE USED WHEN THERE ARE WETLANDS OR WATERS OF THE U.S. ARE INVOLVED. SEDIMENT BARRIERS SHOULD BE USED AROUND THE PERIMETER OF STOCKPILE AREAS.
- (f) SPACING OF SEDIMENT BARRIERS USED AS DITCH OR SWALE CHECKS/DAMS SHOULD BE BASED UPON THE HEIGHT OF THE BARRIER AND THE SLOPE OF THE DITCH OR SWALE.
- (g) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MODIFYING SOIL TRACKING PREVENTION SYSTEMS OR PROCEDURES AS NEEDED.
- (3) STRUCTURAL PRACTICES FOR EROSION AND SEDIMENT CONTROL:
 - (a) ROLLED EROSION CONTROL PRODUCTS (ARTIFICIAL COVERINGS)
 - PURPOSE: TO PROTECT DISTURBED SLOPE SURFACES AGAINST EROSION DUE TO RAINFALL OR FLOWING WATER.
 - (1) USED FOR PAUSES IN CONSTRUCTION DUE TO INCLEMENT WEATHER OR OTHER CIRCUMSTANCES. COULD INCLUDE NATURAL OR SYNTHETIC FIBER MATS, PLASTIC SHEETING OR NETS.
 - (2) USED FOR EROSION CONTROL THAT FACILITATES PLANT GROWTH WHILE PERMANENT GRASS IS ESTABLISHED. COULD INCLUDE BIODEGRADABLE EROSION CONTROL BLANKETS INSTALLED ON A SEEDED AREA, ON FILL SLOPES OR IN DITCHES.
 - (3) USED TO STABILIZE DRAINAGE CHANNELS. CONSULT E63C MANUAL TO DETERMINE CORRECT PRODUCT TYPE FOR CHANNEL STABILIZATION.
 - (b) RUNOFF CONTROL STRUCTURE (TEMPORARY SLOPE DRAIN)
 - PURPOSE: TO PROTECT HILLSIDE SURFACES AGAINST EROSION DUE TO CONCENTRATED FLOW OF RUNOFF WATER.
 - (1) USED ON FILL SLOPES AND CUT SLOPES TO REDUCE SEDIMENT TRANSPORT AND COULD INCLUDE TEMPORARY SLOPE DRAINS, GRASS-LINED CHANNELS, ROCK-LINED CHANNELS AND CHECK DAMS.
 - (2) RUNOFF CONTROL STRUCTURES TYPICALLY DISCHARGE TO A SEDIMENT BASIN.
 - (c) SEDIMENT BASIN (CONTAINMENT SYSTEM)
 - PURPOSE: A CONTAINMENT SYSTEM IS DESIGNED TO DETAIN AN ADEQUATE VOLUME OF RUNOFF, REDUCE THE VELOCITY OF FLOW THROUGH THE SYSTEM, ALLOW FOR SETTLEMENT OF SUSPENDED SOLIDS AND REGULATE THE DISCHARGE RATE FROM THE SEDIMENT BASIN.
 - (1) SEDIMENT BASINS MUST BE PLACED IN STRATEGIC LOCATIONS WITHIN THE ACTIVE AREAS OF CONSTRUCTION. CONTRIBUTING AREA AND SIZE OF TARGET SOIL PARTICLE WILL DICTATE WHETHER THE SEDIMENT BASIN WILL BE TYPE 1, TYPE 2 OR TYPE 3 SYSTEM.
 - (2) THE USE OF SMALLER PRE-SEDIMENTATION BASINS USED IN CONJUNCTION WITH LARGER PERMANENT RETENTION/DETENTION PONDS ARE EFFECTIVE IN CAPTURING LARGER VOLUMES OF SEDIMENTS. THIS TECHNIQUE REQUIRES PERIODICALLY SCHEDULED REMOVAL OF THE ACCUMULATED SEDIMENTS.
 - (d) SEDIMENT BARRIERS (TEMPORARY CONSTRUCTION SITE BMP)
 - PURPOSE: SEDIMENT BARRIERS EITHER OBSTRUCT FLOW OR PREVENT THE PASSAGE OF WATER WHILE CONSTRUCTION ACTIVITIES OCCUR. SMALLER SEDIMENT BARRIERS MAY FUNCTION AS A SMALL SEDIMENT CONTAINMENT SYSTEM OR AS A METHOD TO REDUCE FLOW VELOCITY.
 - (1) THESE CONSTRUCTION BMP CAN INCLUDE SYNTHETIC BALES, STAKED SILT FENCE, TURBIDITY BARRIER, STORM SEWER INLET BARRIERS, ROCK BARRIERS, GEOSYNTHETIC BARRIERS, ETC.
 - (2) APPROPRIATE LOCATIONS INCLUDE SITE PERIMETER, BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION, BELOW THE TOE OF EXPOSED AND ERODIBLE SLOPES, ALONG THE TOE OF STREAM AND CHANNEL BANKS, AROUND DRAINS AND INLETS LOCATED IN LOWPOINTS OR THE DOWNSTREAM EDGE OF AREAS UNDERGOING VERTICAL OR BOX CULVERT CONSTRUCTION ACTIVITIES.
 - (3) INAPPROPRIATE LOCATIONS FOR THESE SAME MEASURES INCLUDE PARALLEL TO A HILLSIDE CONTOUR, IN CHANNELS WITH CONCENTRATED FLOW (UNLESS PROPERLY REINFORCED), UPSTREAM OR DOWNSTREAM OF CULVERTS WITH CONCENTRATED FLOW, IN FRONT OF OR AROUND INLETS ON A GRADE WITH CONCENTRATED FLOW OR IN FLOWING STREAMS.

- (e) FLOATING TURBIDITY BARRIER
 - PURPOSE: USED IN PERMANENT BODIES OF WATER TO RETAIN SEDIMENT AND FLOATING DEBRIS FROM A CONSTRUCTION AREA SO THAT REMOVAL OR CONTAINMENT OF THE MATERIAL IS POSSIBLE. THEY ARE ALSO USED TO CONTROL MIGRATION OF SUSPENDED SEDIMENTS.
 - (1) TYPE I, LIGHT DUTY, IS USED WHERE THERE IS LITTLE OR NO CURRENT, NO WIND AND NO WAVE ACTION.
 - (2) TYPE II, MODERATE DUTY, IS USED WITH SOME CURRENT (<3.5 FT. PER SECOND) AND SOME EXPOSURE TO WIND.
 - (3) TYPE III, HEAVY DUTY, IS USED WITH GREATER CURRENT (3.5-5.0 FT. PER SECOND), MODERATE WIND AND WAVE ACTION.
 - (4) BARRIER MUST BE ATTACHED AT BOTH ENDS AND WEIGHTED ON THE BOTTOM.
 - (5) MULTIPLE LINES OF BARRIER MAY BE USED IN SOME CIRCUMSTANCES FOR ADDITIONAL PROTECTION.
 - (6) STANDARD PANELS FOR WATER DEPTHS ARE 5.0'. ADDITIONAL PANELS CAN BE USED FOR WATER DEPTHS > 5.0'.
- (f) STAKED TURBIDITY BARRIER
 - PURPOSE: THIS ITEM IS COMMONLY USED IN AREAS WHERE CONTINUOUS CONSTRUCTION ACTIVITIES CHANGE THE NATURAL CONTOURS AND DRAINAGE RUNOFF PATTERNS.
 - (1) COMMONLY USED IN LAKES AND STREAMS AS A SEDIMENT CONTAINMENT SYSTEM. SHOULD NOT BE USED WHERE WATER CURRENTS MOVE THE CURTAIN AND DISLODGE COLLECTED SEDIMENTS.
 - (2) MAXIMUM DEPTH OF PANEL IS 3'-8".
 - (3) POST MUST BE A MINIMUM LENGTH OF 5.0' AND A MINIMUM OF 10" OF FABRIC MUST BE IMBEDDED IN THE GROUND.
- (g) INLET PROTECTION SYSTEM
 - PURPOSE: ANY OF A NUMBER OF SEDIMENT BARRIERS THAT EITHER PREVENT SEDIMENT FROM ENTERING AN INLET OR TRAP THE SEDIMENTS ONCE THEY ENTER THE INLET.
 - (1) TYPICAL APPLICATIONS INCLUDE ROCK BARRIERS, FRAME AND FILTER BARRIERS, CURB INLET 'SUMP' BARRIER, CURB INLET DIVERSION BERM, CURB AND GUTTER SEDIMENT CONTAINMENT SYSTEM OR CURB INLET INSET.
 - (2) SHOULD BE INSTALLED ONLY WHEN CONSTRUCTION ACTIVITIES ARE ON-GOING AND ONLY WHERE SUMP CONDITIONS EXIST.
 - (3) SHOULD NOT BE USED WHEN CONSTRUCTION IS COMPLETE AND SHOULD NOT BE USED IN AREAS WHERE FLOODING COULD ENCROACH INTO THE TRAVEL LANES.
- (h) SOIL TRACKING PREVENTION DEVICE
 - PURPOSE: TEMPORARY STRUCTURES TO ASSIST WITH THE REMOVAL OF SOIL MATERIAL CAPTURED ON VEHICLE TIRES BEFORE THE VEHICLES ENTER THE ROADWAY.
 - (1) USE ONE DEVICE PER MILE WITH A MINIMUM OF TWO PER PROJECT.
 - (2) USE ADDITIONAL DEVICES FOR CONSTRUCTION AREAS THAT ARE NOT ADJACENT TO THE ROAD RIGHT OF WAY AND NO ACCESS IS PROVIDED THROUGH A SOIL TRACKING PREVENTION DEVICE.
 - (3) RRR PROJECTS SHOULD BE HANDLED ON A CASE BY CASE BASIS.
 - (4) CHEMICAL TREATMENTS FOR EROSION AND SEDIMENT CONTROL:
 - (a) CHEMICAL TREATMENT - POLYACRYLAMIDES (PAM AND PAM BLENDS)
 - PURPOSE: REDUCE SOIL EROSION THROUGH SOIL BINDING. USED AS A WATER TREATMENT ADDITIVE TO REMOVE SUSPENDED SOLIDS FROM RUNOFF. PROVIDES APPROPRIATE MEDIUM FOR GROWTH OF VEGETATION FOR STABILIZATION AND INCREASES INFILTRATION BY INCREASING SIZE OF SOIL PARTICLE.
 - (1) CAN BE USED ON DISTURBED SOILS. CAN BE USED IN CONJUNCTION WITH OTHER BMP'S TO ENHANCE PERFORMANCE. CAN BE APPLIED IN DISSOLVED FORM WITH WATER, CAN BE USED AS A DRY POWDER. CAN BE USED IN GRANULAR FORM OR MAY BE USED IN THE FORM OF FLOC LOGS.
 - (2) HIGHER CONCENTRATIONS OF PAM'S DON'T INCREASE THE EFFECTIVENESS OF THE PRODUCT.
 - (3) ACTIVELY WORKED AREAS WILL REQUIRE REAPPLICATION TO REMAIN EFFECTIVE.
 - (4) PAM SHOULD NOT BE USED WHERE THERE IS A POTENTIAL FOR EQUIPMENT CLOGGING OR TOXICITY IS A CONCERN.

DATE	DESCRIPTION	REVISIONS	DESCRIPTION

PREPARED BY:
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 2301 WATLAND CENTER PARKWAY, SUITE 300
 WATLAND, FL 32751 - PHONE: (407) 660-2552
 ENGINEER OF RECORD
 PAUL O. SNEAD, P.E.
 P.E. NUMBER: 36982

STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION
COUNTY	FINANCIAL PROJECT ID
LAKE	238275-8-52-01
CR 46A	

STORMWATER POLLUTION PREVENTION PLAN	
SHEET NO.	262

OTHER CONTROLS:
 (1) WASTE DISPOSAL :
 (a) THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION ACTIVITIES.
 (b) ALL FERTILIZER AND CHEMICAL CONTAINERS SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER .
 (c) NO SOLID MATERIALS, INCLUDING BUILDING AND CONSTRUCTION MATERIALS, SHALL BE DISCHARGED TO WETLANDS OR BURIED ON SITE .
 (d) ALL SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE REGULATIONS.
 (2) OFF-SITE VEHICLE TRACKING - WILL BE CONTROLLED BY THE FOLLOWING METHODS:
 (a) LOADED HAUL TRUCKS ARE TO BE COVERED BY A TARPAULIN AT ALL TIMES. (B) EXCESS DIRT ON ROAD WILL BE REMOVED DAILY.
 (3) STATE AND LOCAL REGULATIONS: PERMITS WILL BE REQUIRED FROM THE FOLLOWING AGENCIES :
 USACE
 FDEP
 (4) NON-STORMWATER (INCLUDING SPILL REPORTING)

THE CONTRACTOR WILL PROVIDE THE FOOT WITH AN EROSION CONTROL PLAN THAT WILL INCLUDE SPILL CONTAINMENT, REPORTING, AND RESPONSES. THE PLAN SHALL SPECIFY WHAT MANAGEMENT PRACTICES AND CONTAINMENT METHODS WILL BE USED TO PREVENT POTENTIAL POLLUTANTS (FUEL, LUBRICANTS, HERBICIDES, ETC.) FROM SPILLING ONTO THE SOIL OR INTO THE SURFACE WATERS. IF A SPILL DOES OCCUR, OR IF CONTAMINATED SOIL ON GROUNDWATER IS ENCOUNTERED, CONTACT THE DISTRICT CONTAMINATION IMPACT COORDINATOR AT (386) 943-3000.

IV. MAINTENANCE:
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND REPAIRS OF ALL EROSION AND SEDIMENT CONTROL DEVICES AND REMOVAL OF EROSION AND SEDIMENT CONTROL DEVICES WHEN NOTICE OF TERMINATION IS MAILED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND PROPER DISPOSAL OF SEDIMENT BUILDUP THROUGH THE LIFE OF THE INSTALLED EROSION AND SEDIMENT CONTROL DEVICES .
 (1) ALL CONTROL MEASURES WILL BE MAINTAINED DAILY BY THE CONTRACTOR AND ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF NOTICE.
 (2) SODDING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
 (3) SYNTHETIC BALES SHALL BE MAINTAINED TO ENSURE THEIR USEFULNESS AND NOT BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE .
 (4) STABILIZED CONSTRUCTION ENTRANCES SHALL BE MAINTAINED TO PREVENT CLOGGING OF ROCK BEDDING WHICH MAY IMPEDE THE USEFULNESS OF THE STRUCTURE .

V. INSPECTION:
 (1) THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE AND RECORD WEEKLY RAINFALL IN ACCORDANCE WITH THE NPDES PERMIT . ALL EROSION CONTROL DEVICES MUST BE INSPECTED WITHIN 24 HRS. OF A RAINFALL EVENT OF 0.5 INCHES OR GREATER.
 (2) ALL EROSION AND WATER POLLUTION ABATEMENT AND CONTROL MEASURES WILL BE INSPECTED DAILY BY CONTRACTOR'S PERSONNEL WHO ARE F.D.E.P. : CERTIFIED STORMWATER MANAGEMENT INSPECTORS .
 (3) THE CONTRACTOR SHALL COMPLETE ALL SWPPP INSPECTION REPORT FORMS REQUIRED FOR THE NPDES PERMIT .

VI. TRACKING AND REPORTING:
 (1) THE CONTRACTOR SHALL SUBMIT A WEEKLY REPORT TO THE DEPARTMENT DOCUMENTING THE DAILY INSPECTIONS AND MAINTENANCE OR REPAIRS TO THE SEDIMENT CONTROL DEVICES. THE CONTRACTOR SHALL MAINTAIN ALL REQUIRED REPORTS AND COMPLETE ALL SWPP INSPECTION FORMS .
 (2) PREPARATION OF ALL THE CONTRACTOR'S REPORTS OF INSPECTION, MAINTENANCE AND REPAIRS REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION, SHALL BE INCLUDED IN THE INDIVIDUAL COSTS OF THE EROSION CONTROL DEVICES OF THE PROJECT.
 (3) THE CONTRACTOR SHALL USE THE SWPPP CONSTRUCTION/ON INSPECTION REPORT FORM # 650-040-03. FOR DAILY INSPECTIONS .

(b) CHEMICAL TREATMENT - ALUM
 PURPOSE: REMOVE SUSPENDED SOLIDS AND POLLUTANTS BY ENMESHMENT AND ABSORPTION INTO ALUM COLLECT FLOCS OF SUSPENDED SEDIMENTS IN RUNOFF AND STORE THEM IN SEDIMENT BASINS OR STORMWATER MANAGEMENT FACILITIES.
 (1) ALUM IS INJECTED INTO THE FLOW STREAM CONTAINING TURBID WATER. INJECTION IS CONTROLLED BY VARIABLE SPEED CHEMICAL PUMP TO FEED ALUM AT MULTIPLE TREATMENT POINTS . ALUM TREATMENT IS EFFECTIVE IN TREATMENT OF RUNOFF THAT CONTAINS LIME/ROCK FROM UNPAVED SURFACES.
 (2) ALUM TREATMENT REQUIRES CLOSE MONITORING OF DOSAGE. COMBINATION WITH OTHER COMPOUNDS MAY VIOLATE TOXICITY REQUIREMENTS AND THE USE OF ALUM MAY LOWER PH LEVELS.
 NOTE: THIS PAY ITEM IS CONSIDERED A CONTRACTOR'S OPTION FOR SEDIMENT CONTROL ISSUES THAT ARE PROJECT /SITE SPECIFIC. NOT TO BE USED IN THE DESIGN PROCESS WITHOUT CONTACTING LARRY RITCHIE IN THE STATE CONSTRUCTION OFFICE.

(5) DEWATERING OPERATIONS:
 DESCRIPTION: DEWATERING OPERATIONS ARE PRACTICES THAT MANAGE THE DISCHARGE OF TURBID WATER WHEN WATERS OTHER THAN STORMWATER AND ACCUMULATED SURFACE WATERS MUST BE REMOVED FROM A LOCATION SO THAT CONSTRUCTION WORK MAY BE ACCOMPLISHED. THESE WATERS CAN INCLUDE GROUNDWATER, WATER FROM COFFERDAMS, WATER DIVERSIONS AND WATERS USED DURING CONSTRUCTION THAT MUST BE REMOVED FROM A WORK AREA.
 ENVIRONMENTAL AGENCIES ARE ESPECIALLY CONCERNED WITH THE PROTECTION OF WETLANDS FROM DROWDOWN EFFECTS. PROTECTING RECEIVING BODIES FROM SEDIMENTATION AND POSSIBLE CAPACITY LIMITATIONS.
 THREE PRIMARY METHODS OF DEWATERING COMMONLY USED IN FLORIDA ARE RIM-DITCHING, SOCK/PIPE/HORIZONTAL WELLS AND WELL-POINT SYSTEMS.
 (a) METHODS FOR CONTAINING SEDIMENTATION CAN INCLUDE A COMBINATION OF BMP AND SEDIMENT TRAPS, SEDIMENT BASINS, GRAVITY BAG FILTERS, WEIR TANKS, DEWATERING TANKS, SAND MEDIA/PRESSURIZED BAGS AND CHEMICAL TREATMENTS.
 (b) AT LEAST 45 DAYS PRIOR TO INITIATION OF CONSTRUCTION, THE PERMITTEE SHALL SUBMIT A DETAILED EROSION AND SEDIMENT CONTROL PLAN, DEVELOPED BY THE CONTRACTOR RESPONSIBLE FOR CONSTRUCTION, TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR WRITTEN APPROVAL. THE PLAN SHALL DETAIL ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE IMPLEMENTED BOTH DURING AND AFTER CONSTRUCTION, AT A MINIMUM THE PLAN SHALL INCLUDE:
 (1) IDENTIFICATION OF ANY AREAS WHERE PUMPING WILL BE PERFORMED DURING CONSTRUCTION
 (2) DETAILS OF SPECIFIC EROSION AND SEDIMENT CONTROL MEASURES TO IMPLEMENTED TO CONTROL THE DISCHARGE OF TURBID WATER DUE TO ANY PUMPING ACTIVITIES; AND
 (3) DETAILS OF SPECIFIC EROSION AND SEDIMENT CONTROL MEASURES TO IMPLEMENTED TO CONTROL THE DISCHARGE OF TURBID WATER DUE TO ANY PUMPING ACTIVITIES; AND
 CONSTRUCTION SHALL NOT COMMENCE UNTIL THE PERMITTEE RECEIVES WRITTEN APPROVAL OF THE PLAN FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(6) COASTAL OPERATIONS (OPTIONAL - BASED UPON PROJECT LOCATION):
 DESCRIPTION: CONSTRUCTION SITES IN COASTAL AREAS PRESENT UNIQUE CHALLENGES DUE TO HIGHER WIND SPEEDS, SALINE LADEN AIR MOISTURE AND WAVE ACTION THAT REQUIRE USING APPROPRIATE EROSION CONTROL TECHNIQUES THAT CAN WITHSTAND THESE ELEMENTS.
 (a) PARTICULAR CONCERNS DURING THE DEVELOPMENT OF EROSION CONTROL PLANS IN COASTAL OPERATIONS CAN INCLUDE THE RESISTANCE OF EROSION CONTROL MATERIALS TO SALT WATER, HIGH WATER TABLES, SOIL COMPACTION AND SITE DEVELOPMENT DUE TO THE TYPICAL SANDY SOILS LOCATED IN THESE AREAS AND SOIL STABILIZING VEGETATION MUST BE SALT TOLERANT.
 (b) HIGH ENERGY ENVIRONMENT SHOULD BE CONSIDERED WHEN SELECTING EROSION CONTROL DEVICES. FREQUENT MAINTENANCE IS NORMALLY REQUIRED FOR EROSION CONTROL DEVICES AND TIDAL FLUCTUATIONS MUST BE CONSIDERED WHEN SELECTING THE METHODS OF EROSION CONTROL.
 (c) TEMPORARY CONTROL TECHNOLOGIES FOR THE COASTAL ENVIRONMENT COULD INCLUDE THE USE OF COMPOST/WOOD MULCHING, HYDRAULIC MULCHING, SOIL BINDERS AND TEMPORARY HYDROSEEDING.
 (d) PERMANENT CONTROLS COULD INCLUDE THE USE OF POLYMER-ENHANCED ARMORING, PRESERVING EXISTING VEGETATION WHEN POSSIBLE, ESTABLISHING PERMANENT SALT-TOLERANT VEGETATION, CONSTRUCTION SITE BARRIERS (SHEET PILES/CONCRETE WALLS/EARTHEN BERMS), NATURAL (SYNTHETIC GEOTEXTILES, MATS, OR GEOGRIDS.

DATE	DESCRIPTION	REVISIONS	DESCRIPTION
PREPARED BY: CDM Smith 2301 WATLAND CENTER PARKWAY, SUITE 300 WATLAND, FL 32751 - PHONE: (407) 660-2552 ENGINEER OF RECORD PAUL O. SNEAD, P.E. P.E. NUMBER: 36982		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID CR 46A LAKE 238275-8-52-01	
STORMWATER POLLUTION PREVENTION PLAN			SHEET NO. 263

GENERAL NOTES

1. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH FDOT DESIGN STANDARD INDEX 600 SERIES.

2. MAINTAIN POSITIVE DRAINAGE AT ALL TIMES.

3. THE EXISTING POSTED SPEED SHALL BE MAINTAINED FOR ALL PHASES OF CONSTRUCTION THROUGHOUT THE LENGTH OF THE PROJECT. WORK ZONE SPEED SHALL NOT BE LESS THAN POSTED SPEED.

EXIST. CR 46A 55 MPH
EXIST. SR 46 45 MPH

4. ARROWS DENOTE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.

5. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT OR REMOVE LANE CLOSURE OR CHANNELIZATIONS SHOWN IN THE PLANS. THE CONTRACTOR SHALL RESPOND AND PROVIDE ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY UNDER THESE CONDITIONS. THE CONTRACTOR SHALL ALSO RESPOND WITHIN THE CONSTRAINTS OUTLINED IN THE STANDARD SPECIFICATIONS UPON NOTIFICATION BY THE ENGINEER TO ANY REQUESTS FOR CORRECTION, IMPROVEMENT OR MODIFICATION TO THE TRAFFIC CONTROL PLAN AND/OR DEVICES.

6. A LANE MAY ONLY BE CLOSED DURING ACTIVE WORKING PERIODS. THE CONTRACTOR SHALL PROVIDE LANE CLOSURE ANALYSIS TO THE COUNTY AND FDOT.

7. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION SIGNS VISIBLE DURING CONSTRUCTION OPERATIONS TO FACILITATE EMERGENCY VEHICLE TRAFFIC. THE COST TO MAINTAIN THE STREET NAME SIGNS IS TO BE INCLUDED IN PAY ITEM 102-1 MAINTENANCE OF TRAFFIC - LUMP SUM.

8. PROJECT INFORMATION SIGNS ARE REQUIRED IN ACCORDANCE WITH INDEX 600. SHEET 7 OF 13 AND ARE TO BE PAID FOR UNDER PAY ITEM 102-1 MAINTENANCE OF TRAFFIC - LUMP SUM. PROJECT INFORMATION TO BE INCLUDED ON THE SIGN WILL BE ESTABLISHED AT THE PRECONSTRUCTION CONFERENCE.

9. IN TRANSITION AREAS DESIGNATED IN THE TRAFFIC CONTROL PLAN, THE CONTRACTOR SHALL APPLY A THIN OVERLAY OF FINE GRADED SUPERPAVE 9.5 (LEVEL C WITH A MINIMUM THICKNESS OF 3/4"). THIS THIN OVERLAY IS INTENDED TO ELIMINATE CONFLICTING PAVEMENT MARKINGS ON TRAFFIC TRANSITION AREAS AND IS TO BE PLACED IMMEDIATELY PRIOR TO SHIFTING TRAFFIC TO THE SUBSEQUENT PHASE. IF THE THIN OVERLAY IS PLACED ON EXISTING PAVEMENT WHICH IS LATER TO BE MILLED, THE ACTUAL MILLING DEPTH IN THE THIN OVERLAY IS ON NEWLY CONSTRUCTED PAVEMENT. IT IS TO BE REMOVED PRIOR TO THE PLACEMENT OF THE NEXT ASPHALT LAYER. THE COST OF THE THIN OVERLAY, INSTALLATION, REMOVAL AND ANY REQUIRED REMOVABLE PAVEMENT MARKINGS IS TO BE PAID FOR UNDER PAY ITEM 102-1 MAINTENANCE OF TRAFFIC - LUMP SUM.

10. EXISTING GUIDE SIGNS AND APPLICABLE WARNING SIGNS ARE TO BE RELOCATED DURING CONSTRUCTION TO ALIGN WITH ALL PHASE TRAFFIC PATTERNS. THE COST OF THESE RELOCATIONS ARE TO BE PAID FOR UNDER PAY ITEM 102-1 MAINTENANCE OF TRAFFIC - LUMP SUM.

11. TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED WITH TEMPORARY LANE LINES IN ACCORDANCE WITH INDEX NO. 600 SHEET 13 OF 13. THE COST OF REMOVAL SHALL BE INCLUDED IN THE COST OF THE TEMPORARY RPM PAY ITEM NO. 102-78.

12. FOR DROP OFFS, THE CONTRACTOR'S ATTENTION IS DIRECTED TO STANDARD INDEX 600, SHEET 10 OF 13.

13. THE CONTRACTOR SHALL USE VARIABLE MESSAGE SIGNS TO NOTIFY THE TRAVELING PUBLIC OF UPCOMING TRAFFIC CHANGES. THESE SIGNS SHALL BE USED 2 WEEKS PRIOR TO THE START OF CONSTRUCTION AND AS NEEDED THROUGHOUT THE LIFE OF THE PROJECT.

MESSAGE 1
T R A F F I C
P A T T E R N
C H A N G E S

MESSAGE 2
B E G I N
M I D
H A H
X M

14. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION PHASING AND MAINTENANCE OF TRAFFIC WITH THE ADJACENT WEKIVA PARKWAY PROJECT. SECTION 6, FPID 238275-7-52-01.

15. REFER TO INDEX 17346 FOR TURN LANE ARROW MARKING REQUIREMENT.

SEQUENCE OF CONSTRUCTION
PHASE I

1. MAINTAIN EXISTING TRAFFIC ON EXISTING PAVEMENT. CONSTRUCT PARTIAL NEW ROADWAY WITHOUT FRICTION COURSE AS SHOWN IN PHASE I PLANS. SIGN AND TRAFFIC CONTROL IN ACCORDANCE WITH INDEX 601, 602, AND/OR INDEX 603.
2. CONSTRUCT NEW TRAFFIC SIGNALS AS SHOWN IN SIGNALIZATION PLANS.

PHASE II
PHASE IIA

1. CONSTRUCT TEMPORARY PAVEMENT & PAVEMENT MARKING AS SHOWN ON PHASE II PLANS IN ACCORDANCE WITH INDEX 603.

PHASE IIB

1. REROUTE TRAFFIC TO TEMPORARY AND EXISTING PAVEMENT. SIGNING AND STRIPING IN ACCORDANCE WITH PROVIDED TRAFFIC CONTROL TYPICAL DETAIL. SEE PLANS FOR SUPPLEMENTAL SIGNING AND STRIPING.
2. CONSTRUCT NEW ROADWAY TIE-INS WITHOUT FRICTION COURSE AS SHOWN IN PHASE II PLANS AT APPROXIMATE STATION LIMITS.

☒ CONST. CR 46A ☒ CONST. SERVICE ROAD
STA. 365 - STA. 373 STA. 8 - STA. 16
STA. 395 - STA. 399
STA. 465 - STA. 476

PHASE III
PHASE IIIA

1. CONSTRUCT TEMPORARY PAVEMENT & PAVEMENT MARKING AS SHOWN ON PHASE IIIA PLANS IN ACCORDANCE WITH INDEX 603.
2. REROUTE TRAFFIC TO TEMPORARY AND EXISTING PAVEMENT. SIGNING AND STRIPING IN ACCORDANCE WITH PROVIDED TRAFFIC CONTROL TYPICAL DETAIL. SEE PLANS FOR SUPPLEMENTAL SIGNING AND STRIPING.
3. CONSTRUCT CR 46A NEW ROADWAY TIE-INS WITHOUT FRICTION COURSE AS SHOWN IN PHASE IIIA PLANS AT APPROXIMATE STATION LIMITS FROM STA. 393 TO STA. 397.

PHASE IIIB

NOTE:
COORDINATE WITH THE ADJACENT WEKIVA PARKWAY PROJECT. SECTION 6, FPID 238275-7-52-01 FOR EXISTING CR 46A TERMINATION, BEFORE REROUTING TRAFFIC TO NEW CR 46A ALIGNMENT.

1. SIGN AND STRIPE PAVEMENT MARKING AS SHOWN ON PHASE IIIB PLANS IN ACCORDANCE WITH INDEX 603 AND/OR APPLICABLE INDICES.
2. CONSTRUCT NEW PERMANENT STREET NAME, GUIDE, AND SPEED LIMIT SIGNS AS SHOWN IN THE SIGNING AND MARKING PLANS.

4. REROUTE TRAFFIC TO NEWLY CONSTRUCTED AND EXISTING ROADWAY AS SHOWN IN THE PLANS.
5. CONSTRUCT CR46A TIE-IN AS SHOWN IN PHASE IIIB PLANS. SIGNING AND STRIPING IN ACCORDANCE WITH PROVIDED TRAFFIC CONTROL TYPICAL DETAIL. SEE PLANS FOR SUPPLEMENTAL SIGNING AND STRIPING.
6. RECONSTRUCT DROTY SPRING LANE, REDTAIL BLVD, AND CUL-DE-SACS FOR RESIDENTIAL ACCESS AS SHOWN IN THE PLANS. TRAFFIC CONTROL IN ACCORDANCE WITH INDEX 600 SERIES. RESIDENTIAL ACCESS MUST BE PROVIDED AT ALL TIMES.

PHASE IV

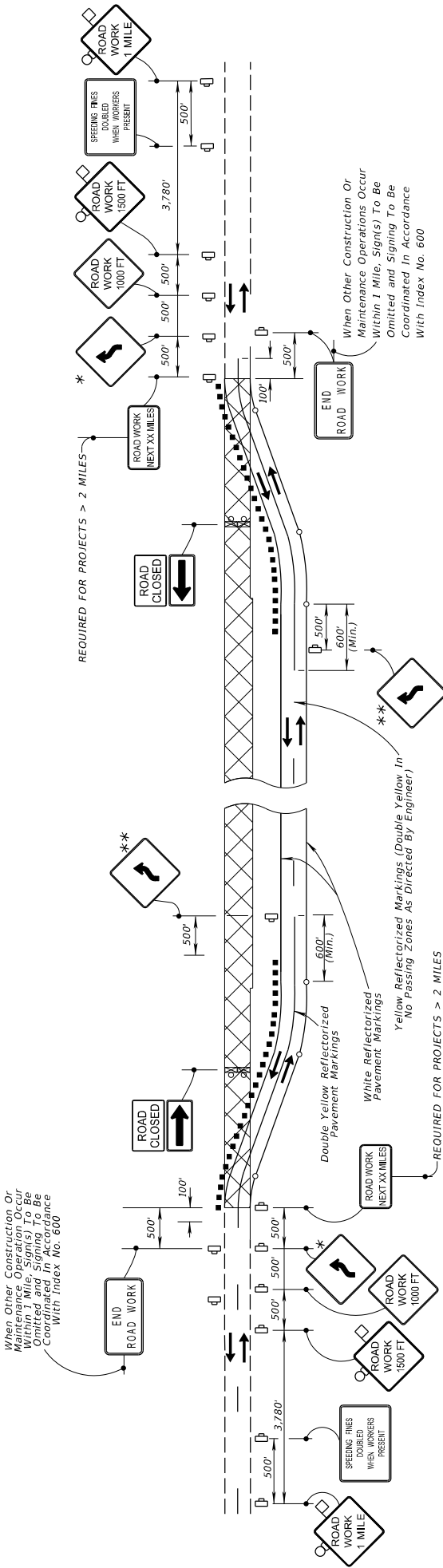
- NOTE:
COORDINATE WITH THE ADJACENT WEKIVA PARKWAY PROJECT. SECTION 6, FPID 238275-7-52-01 FOR FINAL ROADWAY CONFIGURATION.
1. SIGN AND STRIPE PAVEMENT MARKING AS SHOWN ON S&PM PLANS IN ACCORDANCE WITH INDEX 603 AND/OR APPLICABLE INDICES.
 2. REROUTE TRAFFIC TO NEWLY CONSTRUCTED ROADWAY.
 3. CONSTRUCT REMAINING ROADWAY TIE-INS, SHOULDERS, TURNOUTS, AND WEKIVA TRAIL AS SHOWN IN ROADWAY PLANS.
 4. CONSTRUCT FRICTION COURSE AND FINAL PAVEMENT MARKINGS

DATE	DESCRIPTION	REVISIONS	DESCRIPTION

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ENGINEER OF RECORD
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P.E. NUMBER: 09964

STATE OF FLORIDA	
DEPARTMENT OF TRANSPORTATION	
ROAD NO.	FINANCIAL PROJECT ID
CR 46A	238275-8-52-01
COUNTY	LAKE

TRAFFIC CONTROL PLANS	
GENERAL NOTES	
SHEET NO.	264



LEGENDS

- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
 - Channelizing Device (See Index 600)
 - Type III Barricade
 - Work Zone Sign
 - Work Area
 - Lane Identification + Direction of Traffic
- * SUBSTITUTE WITH SIGN W24-1L OR W24-1R, WHEN TANGENT LENGTH BETWEEN REVERSE CURVES IS LESS THAN 600 FT
- ** TO BE OMITTED WHEN UTILIZING SIGN W24-1L OR W24-1R WHEN TANGENT LENGTH BETWEEN REVERSE CURVES IS LESS THAN 600 FT

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
PREPARED BY: CDM Smith 2301 MATLAND CENTER PARKWAY, SUITE 300 MATLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD D'AMICO & LEGG, P.C. P.E. NUMBER: 03964				
STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION		
COUNTY		FINANCIAL PROJECT ID		
CR 46A	LAKE	238275-8-52-01		
TRAFFIC CONTROL PLANS				
TYPICAL DETAIL				
SHEET NO.				265

TEMPORARY CRITICAL SHEET PILE WALL GENERAL NOTES

- DESIGN SPECIFICATIONS: DESIGN SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATION: ASHTO "LRFD BRIDGE DESIGN SPECIFICATIONS" 7TH EDITION AND APPLICABLE INTERIM SPECIFICATIONS AND THE FLORIDA DEPARTMENT OF TRANSPORTATION "STRUCTURES DESIGN GUIDELINES".
- MATERIAL STRESSES: ALL ALLOWABLE STRESSES SHALL BE IN ACCORDANCE WITH THE CURRENT ASHTO SPECIFICATIONS FOR ALL THE MATERIALS SHOWN ON THE PLANS.
 - SHEET PILE STEEL: ASTM A572, GRADE 50 OR ASTM A328 (FY=39 KSI)
 - DESIGN METHOD: ASHTO LOAD AND RESISTANCE FACTOR DESIGN
- FOR TYPICAL SECTIONS THROUGH ROADWAY, ALIGNMENT AND SECTION FOR TEMPORARY DETOURS DURING PHASING, SEE ROADWAY PLANS.
- THIS TEMPORARY CRITICAL SHEET PILE WALL SHOULD BE CONSIDERED PERMANENT AND SHALL REMAIN IN PLACE AFTER ALL CONSTRUCTION PHASES, EXCEPT THE PORTIONS CONFLICTING WITH THE PAVEMENT OR ITS SUBGRADE. SHOULD BE REMOVED TO ALLOW THE FULL ROAD PAVEMENT AND SUBGRADE SECTION TO BE INSTALLED.

TEMPORARY CRITICAL SHEET PILE WALL CONSTRUCTION NOTES

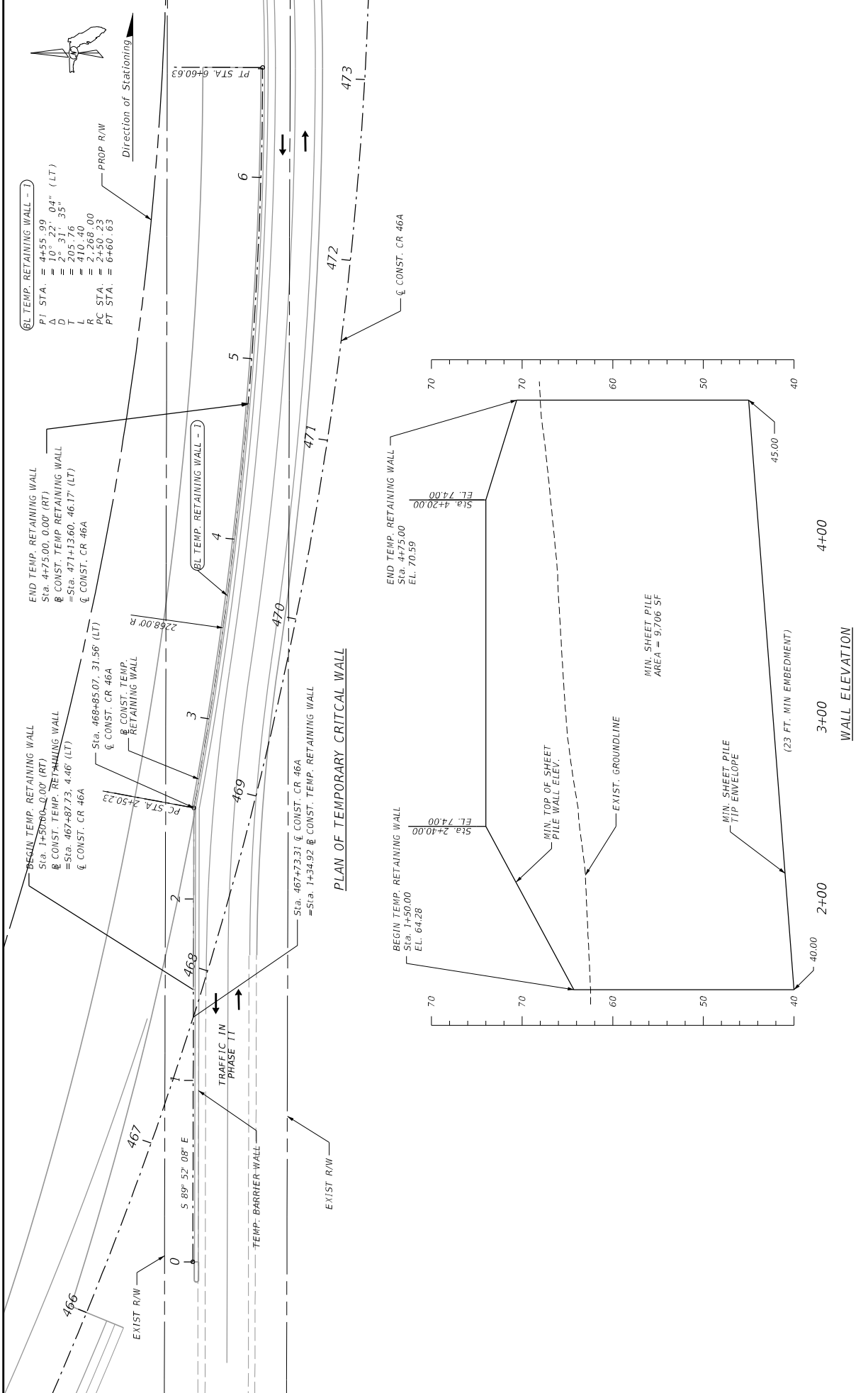
- THE CONTRACTOR SHALL USE GRADE A-328, OR A572 (GRADE 50), OR SUBSTITUTE WITH HIGH GRADE (IE: A572 GRADE 60) STEEL SHEET PILING AT NO ADDITIONAL COST TO THE DEPARTMENT.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER SHOWING DETAILS OF THE SHEET PILE TO BE USED. DETAILS AND METHODS OF INSTALLATION SHALL BE INCLUDED.
- A SHEET PILE SHALL BE CHOSEN TO MEET THE MINIMUM MOMENT OF INERTIA AND MINIMUM SECTION MODULUS AS INDICATED ON THIS DRAWING.
- MINIMUM SECTION MODULUS REQUIRED IS BASED ON HOT ROLLED SHEET SECTIONS. FOR COLD ROLLED SECTIONS, INCREASE MINIMUM SECTION MODULUS BY 20%.
- DESIGN IS, AND SHALL BE, BASED ON A MAXIMUM 15-INCH HORIZONTAL DEFLECTION AT TOP OF PILE. MINIMUM REQUIRED MOMENT OF INERTIA IS GIVEN BY THE TABLE, BUT IF REDESIGNED SHALL NOT BE LESS THAN 40 IN⁴/FT FOR CONSTRUCTABILITY
- SOIL ELEVATIONS AT THE WALL BASE VARY ALONG THE WALL. LISTED ELEVATION IS THE CRITICAL DESIGN CASE.
- WATER ELEVATIONS TABULATED REFLECT A WORST-CASE STORM EVENT, WITH DEWATERING TAKING PLACE IN FRONT OF WALL FOR SUBSOIL EXCAVATION AT WALL LOCATION.
- THE COST OF FURNISHING AND INSTALLING SHEET PILING SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR SHEET PILING STEEL, TEMPORARY-CRITICAL, PAY ITEM 455-133-2 (SF). THE AREA TO BE USED FOR PAYMENT SHALL BE THE AREA BOUND BY THE TOP OF WALL PROFILE, THE BOTTOM OF THE WALL ELEVATION (PILE TIPS), AND THE BEGIN AND END WALL LIMITS AS SHOWN IN PLAN.
- UTILITIES SHALL BE CHECKED BY THE CONTRACTOR FOR CONFLICT WITH THE SHEET PILING, AND RELOCATED AS REQUIRED PRIOR TO INSTALLATION OF THE SHEET PILING. WHERE UTILITY CONFLICTS ARISE THE CONTRACTOR SHALL SUBMIT HIS UTILITIES AND/OR SHEET PILING MODIFICATIONS TO THE ENGINEER FOR APPROVAL

RECOMMENDED SOIL PARAMETERS FOR TEMPORARY CRITICAL SHEET PILE WALL DESIGN			
CR 46A TEMPORARY CRITICAL WALL (1+50 TO 4+75)			
	SELECT SAND BACKFILL	LOOSE SAND	LOOSE TO VERY LOOSE SILTY TO CLAYEY SAND
DEPTH BELOW EXIST. GRADE	---	0 - 15	15 - 55
MOIST UNIT WEIGHT (PCF)	120	105	100
SATURATED UNIT WEIGHT (PCF)	125	110	105
COHESION (PCF)	0	0	0
INTERNAL FRICTION ANGLE	32	30	29

WALL NO.	WALL INFORMATION		DESIGN PARAMETERS										
	START	END	MINIMUM EMBEDMENT DEPTH (FT)	MINIMUM SECTION MODULUS (IN ⁴ /FT)	MINIMUM REQUIRED MOMENT OF INERTIA (IN ⁴ FT)	DESIGN LIVE LOAD (KSF)							
1	WB-1 to WB-3	1+50	4+75	23	29	23	250	456	250	63	73	49	72
										FRONT OF WALL	BACK OF WALL	FRONT OF WALL	BACK OF WALL

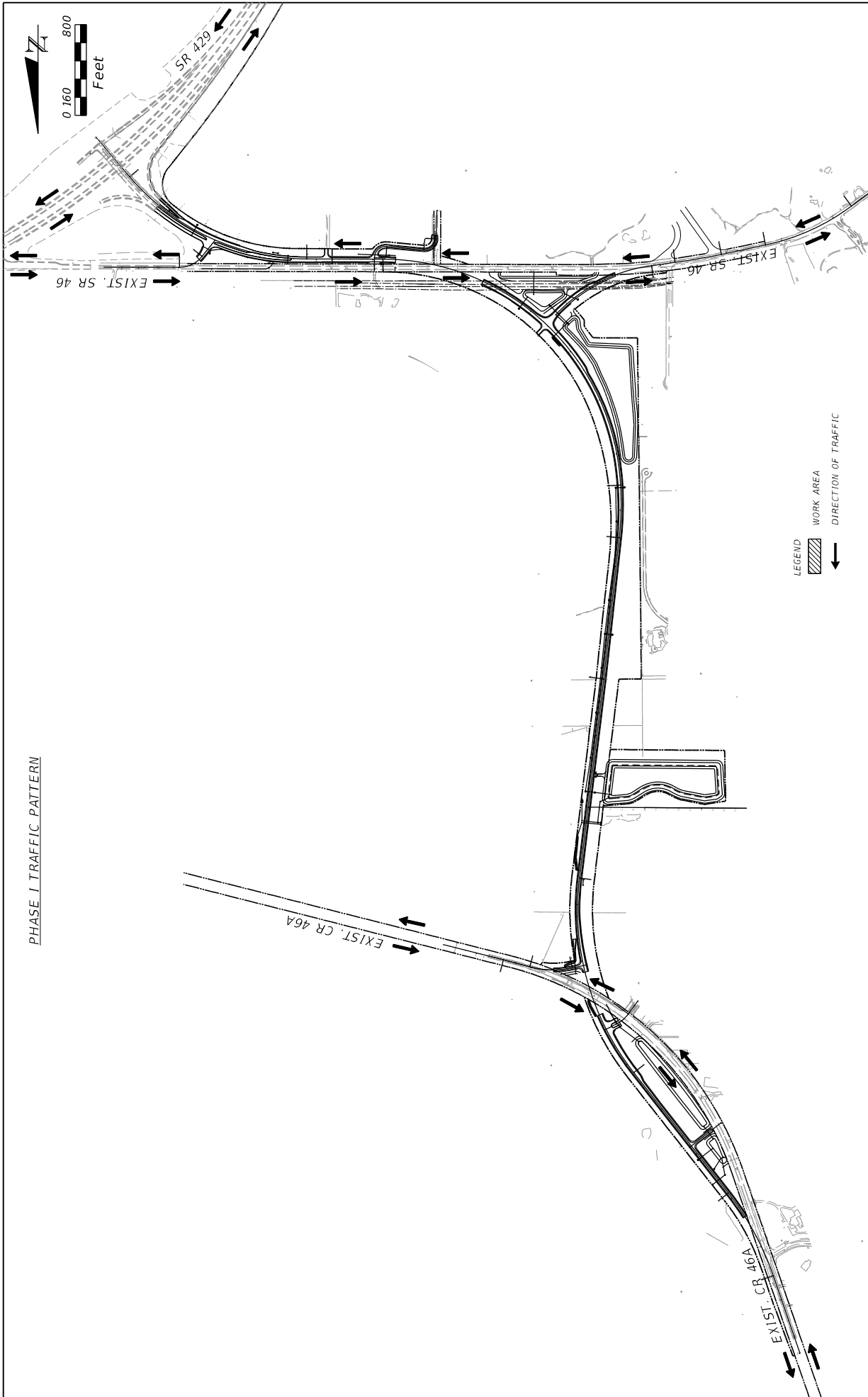
DATE	BY	DATE	BY	DESCRIPTION
REVISIONS				
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 660-2552 ENGINEER OF RECORD WILLIAM S. HUFFSTETLER, P.E. P.E. NUMBER: 38205				
DRAWN BY:		STATE OF FLORIDA		
CHECKED BY:		DEPARTMENT OF TRANSPORTATION		
DESIGNED BY:		ROAD NO.	COUNTY	FINANCIAL PROJECT #
DRAWN BY:		CR 46A	LAKE	238275-8-52-01
TEMPORARY CRITICAL SHEET PILE WALL NOTES				
PROJECT NAME: CR 46A REALIGNMENT				
SHEET TITLE: TEMPORARY CRITICAL SHEET PILE WALL NOTES				
SHEET NO.: 266				
SHEET DATE: 11/5/2015				

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



DATE	BY	DATE	BY	DESCRIPTION
REVISIONS				

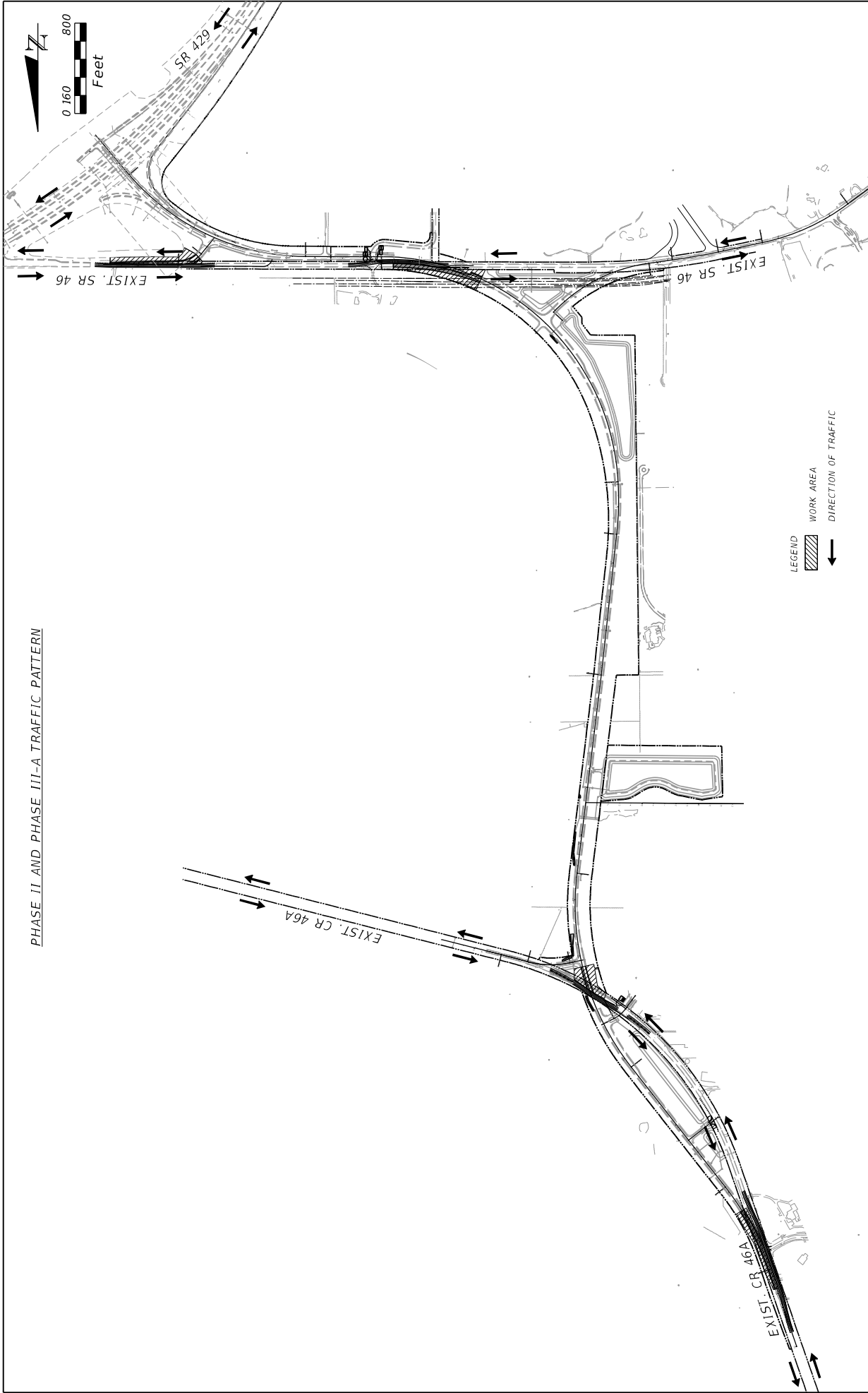
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 660-2552 ENGINEER OF RECORD WILLIAM S. HUFFSTETLER, P.E. P.E. NUMBER 32025		DRAWN BY:		STATES OF FLORIDA	
CHECKED BY:		DEPARTMENT OF TRANSPORTATION		PROJECT TITLE:	
REVISIONS:		ROAD NO.:		TEMPORARY CRITICAL SHEET PILE RETAINING WALL	
DATE:		CR 46A		PROCESS NAME:	
BY:		LAKE		CR 46A REALIGNMENT	
DATE:		238275-8-52-01		SHEET NO.:	
BY:		W/REFERENCE		267	
DATE:		11/7/2015		SHEET NO.:	
BY:		5:23:10 PM		267	
DATE:		11/7/2015		SHEET NO.:	
BY:		5:23:10 PM		267	



PHASE I TRAFFIC PATTERN

REVISIONS		STATE OF FLORIDA		TRAFFIC CONTROL PHASING LAYOUT		SHEET NO.	
DATE	DESCRIPTION	ROAD NO.	DEPARTMENT OF TRANSPORTATION	ROAD NO.	FINANCIAL PROJECT ID	ROAD NO.	NO.
		CR 46A		CR 46A	238275-8-52-01	CR 46A	268
		PREPARED BY: CDM Smith 2301 MITLAND CENTER PARKWAY, SUITE 300 MITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DJANGGAL LEGIE P.E. NUMBER: 03964		COUNTY: LAKE FINANCIAL PROJECT ID: 238275-8-52-01			

PHASE II AND PHASE III-A TRAFFIC PATTERN

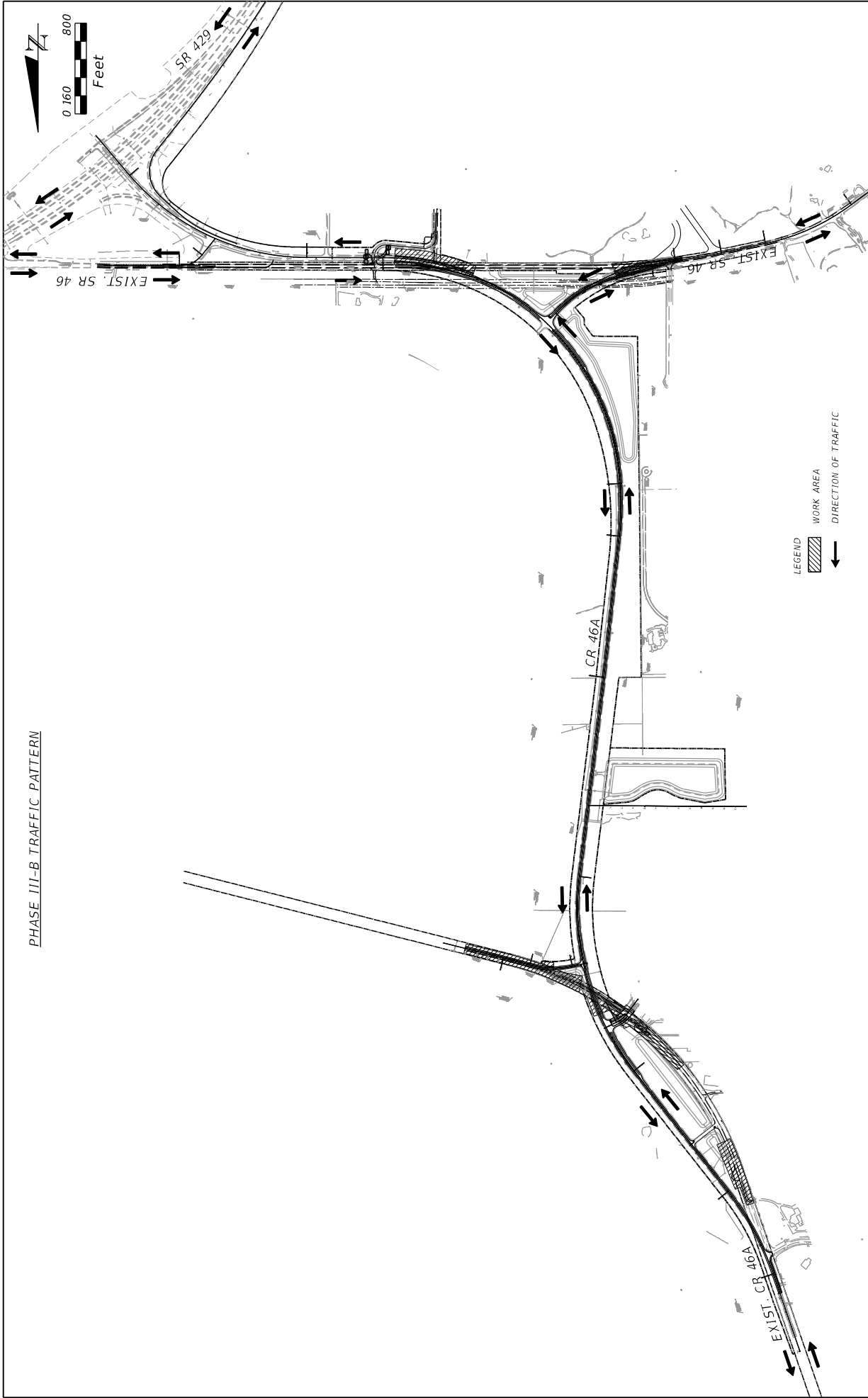


NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

DATE	REVISIONS	DESCRIPTION

PREPARED BY: CDM Smith 2301 MITLAND CENTER PARKWAY, SUITE 300 MITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DWANGCHAL LEE, P.E. P.E. NUMBER: 03964		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01
TRAFFIC CONTROL PHASING LAYOUT		SHEET NO. 269

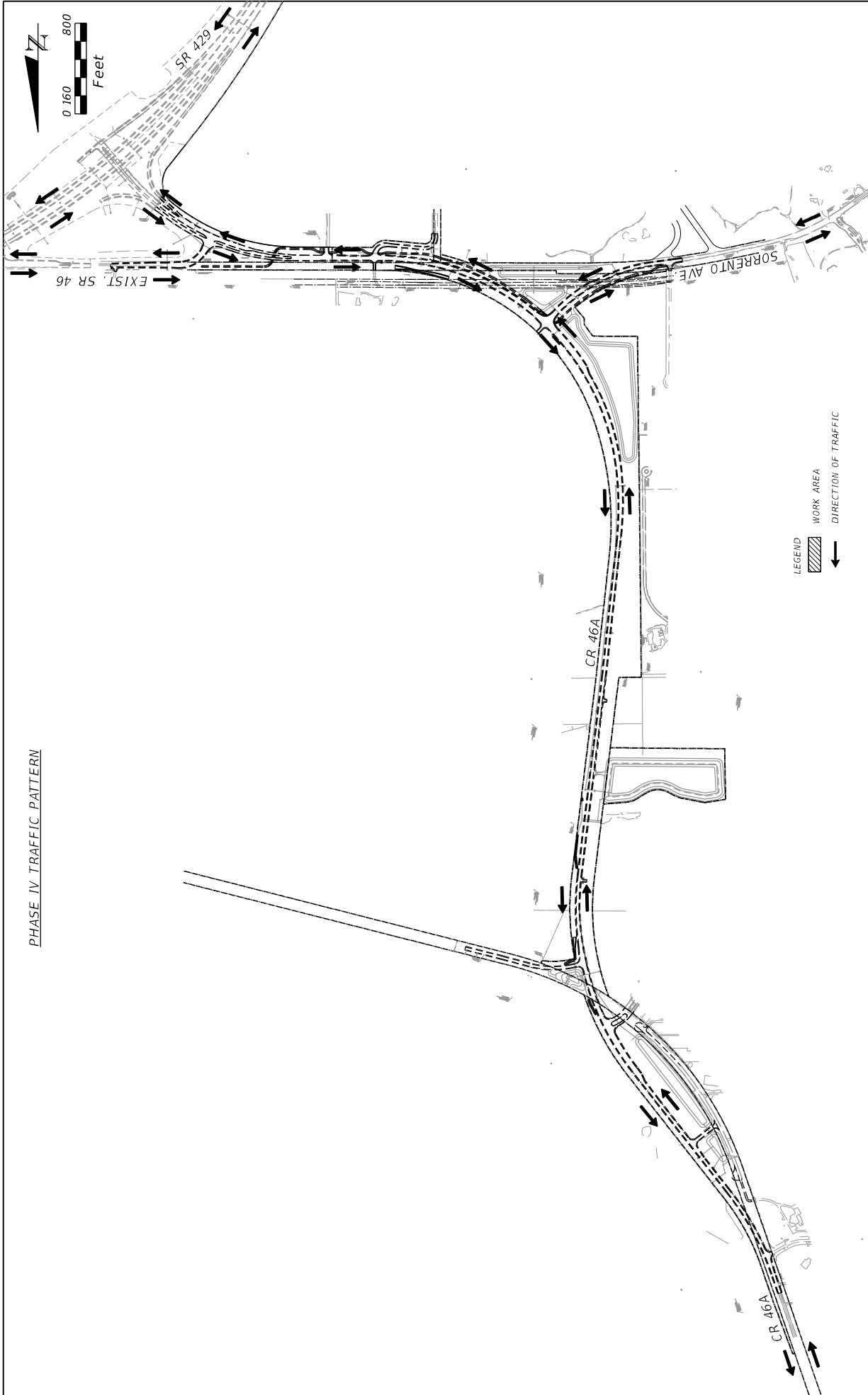
PHASE III-B TRAFFIC PATTERN



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD D. LANGGAL, P.E. P.E. NUMBER: 69964		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01	SHEET NO. 270
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TRAFFIC CONTROL PHASING LAYOUT

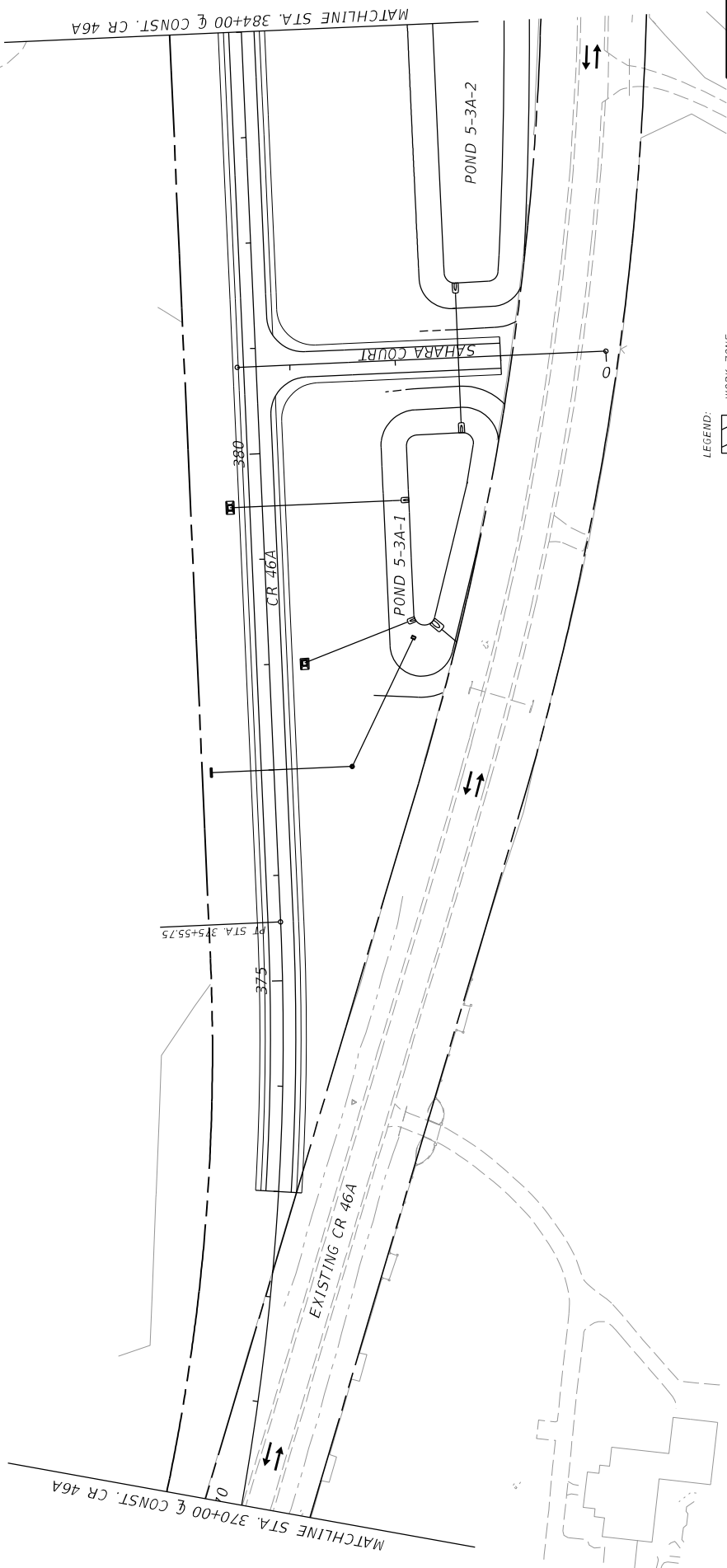
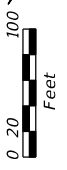


PHASE IV TRAFFIC PATTERN

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DWAN GIBBLE, P.E. P.E. NUMBER: 69964		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01	SHEET NO. 271
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TRAFFIC CONTROL
PHASING LAYOUT



LEGEND: WORK ZONE

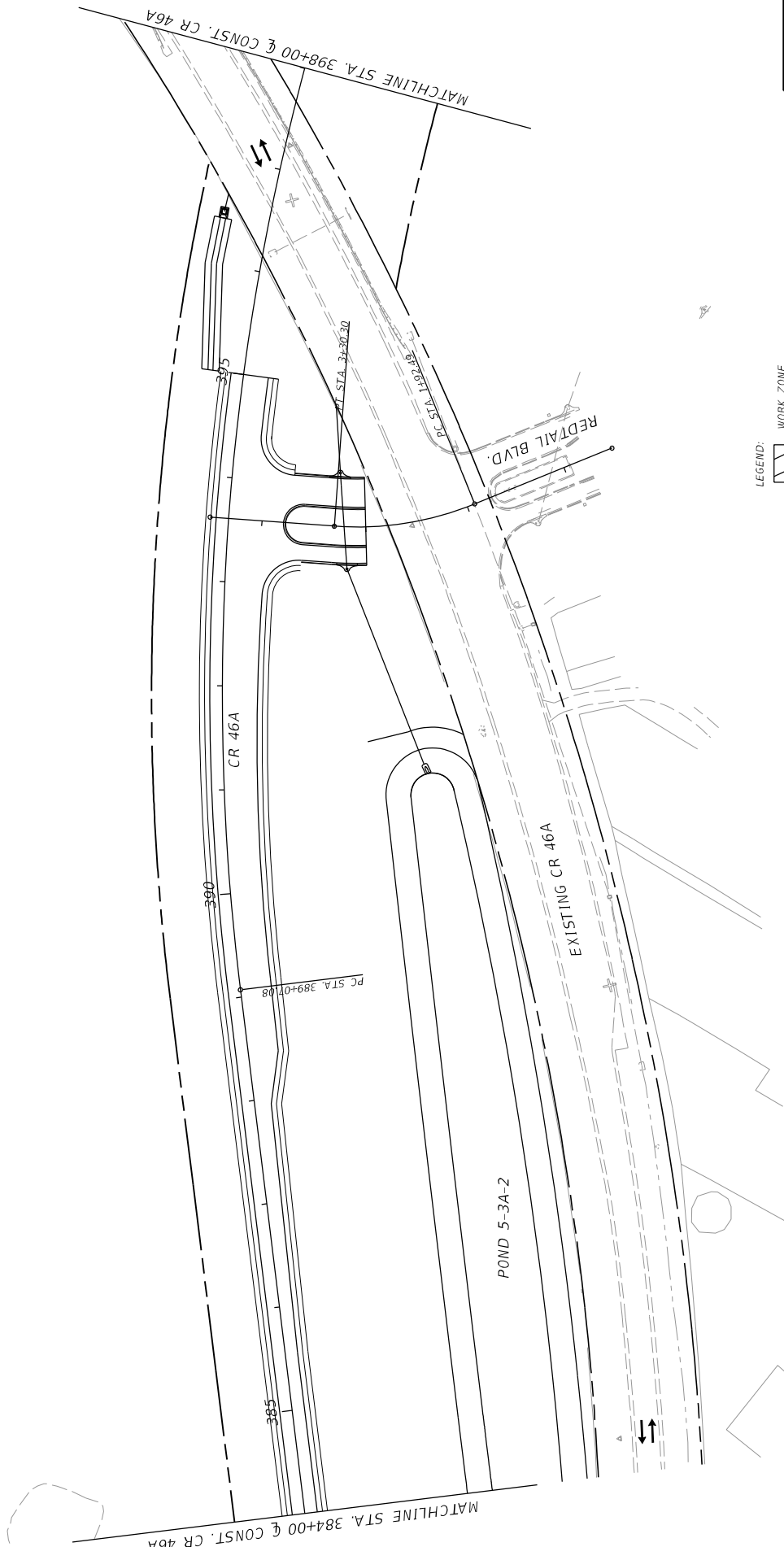
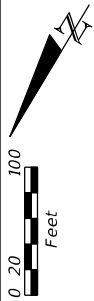
CR 46A
SHEET NO. 273

**TRAFFIC CONTROL PLANS
PHASE I**

STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
CR 46A	LAKE	238275-8-52-01	

PREPARED BY:
CDM Smith
2301 MAITLAND CENTER PARKWAY, SUITE 300
MAITLAND, FL 32751 - PHONE: (407) 860-2552
ENGINEER OF RECORD
DANIELLE E. LANGRISH, P.E.
P.E. NUMBER: 69964

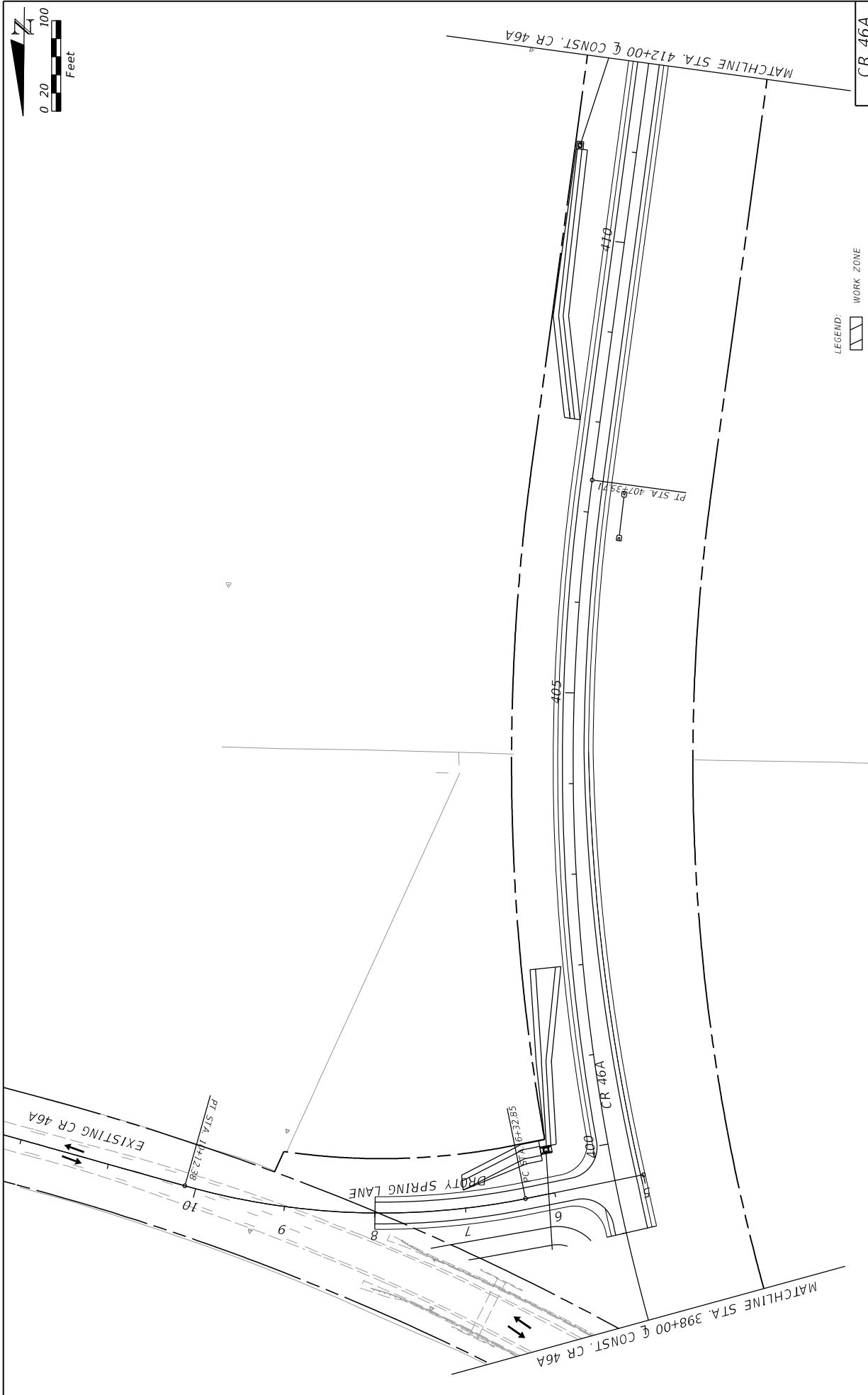
REVISIONS	
DATE	DESCRIPTION



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

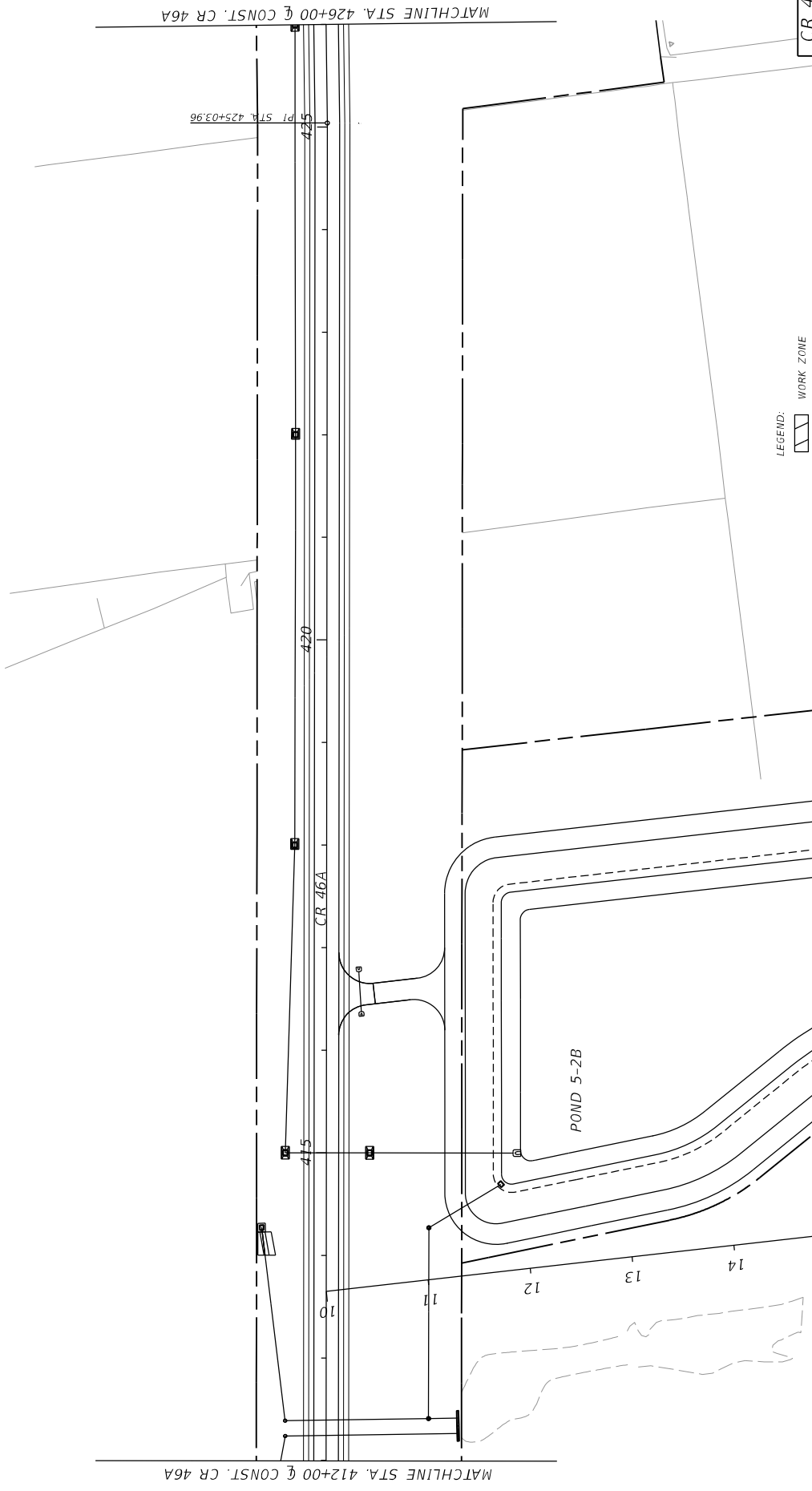
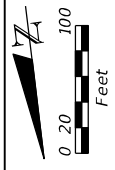
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DANGORR LEGG, P.E. P.E. NUMBER: 03964		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A	COUNTY LAKE	FINANCIAL PROJECT ID 238275-8-52-01
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LEGEND: WORK ZONE	CR 46A TRAFFIC CONTROL PLANS PHASE I	SHEET NO. 274
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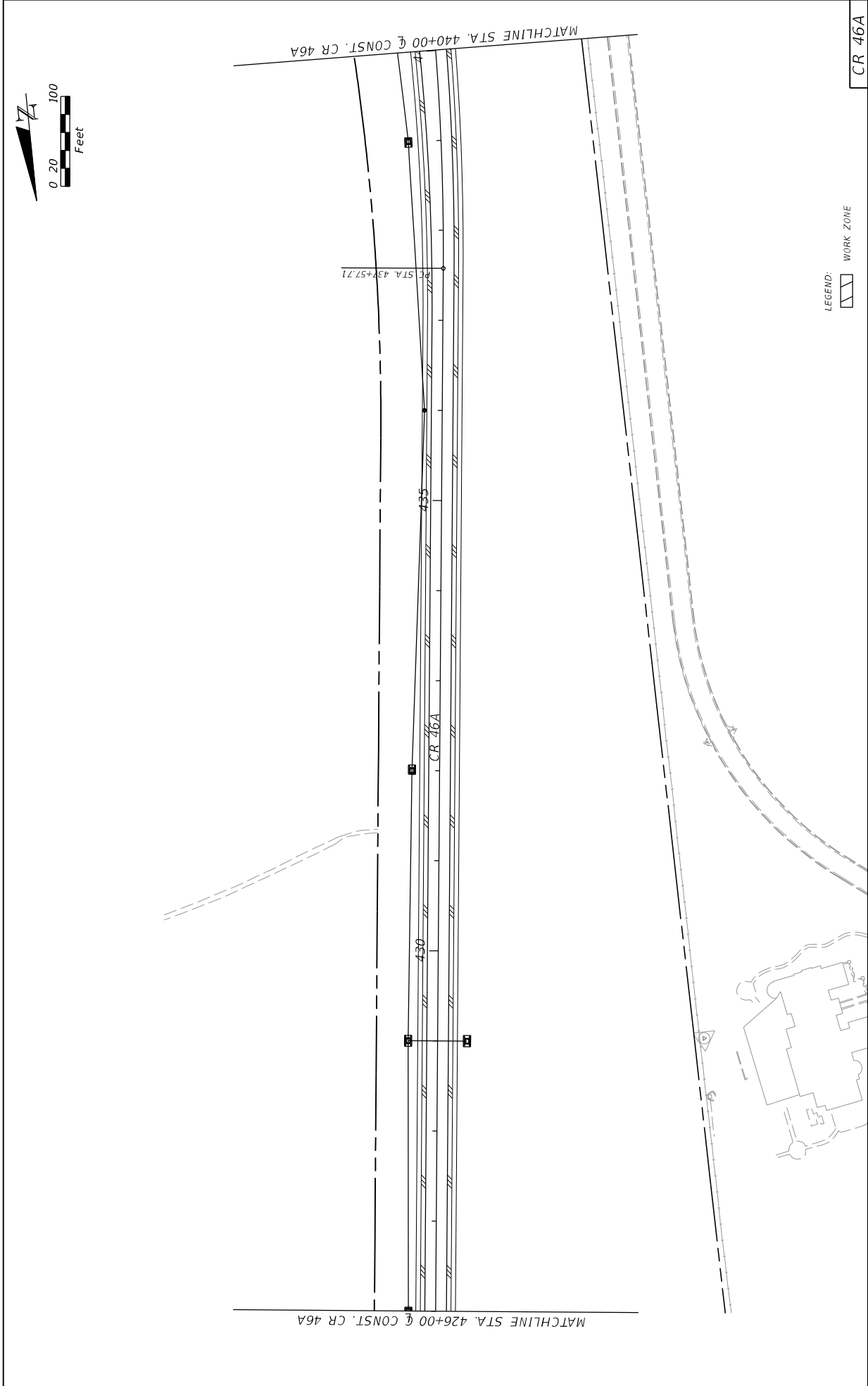


DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

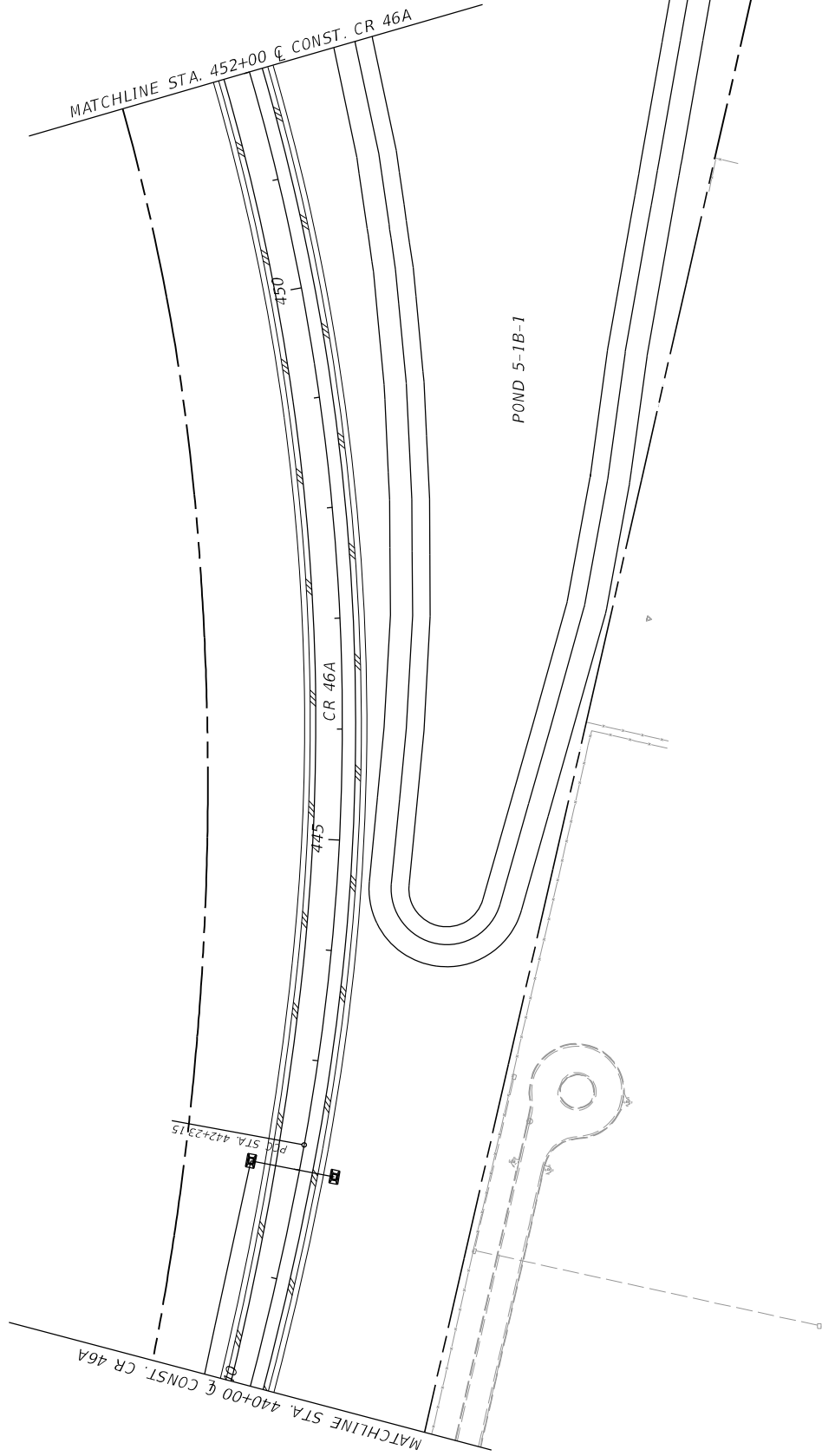
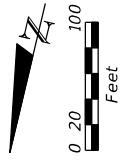
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DLANGLADE, P.E. P.E. NUMBER: 69864		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01	CR 46A SHEET NO. 275
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DATE		REVISIONS		DESCRIPTION	
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DANGCALLE, P.E. P.E. NUMBER: 69964					
STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION		ROAD NO.	
COUNTY		LAKE		CR 46A	
FINANCIAL PROJECT ID		238275-8-52-01			
LEGEND: WORK ZONE					
TRAFFIC CONTROL PLANS PHASE I					
SHEET NO.				276	
CR 46A					



DATE		REVISIONS		PREPARED BY:		STATE OF FLORIDA		CR 46A		SHEET NO.	
DESCRIPTION		DESCRIPTION		CDM Smith		DEPARTMENT OF TRANSPORTATION		ROAD NO.		277	
DATE		DATE		2301 MAITLAND CENTER PARKWAY, SUITE 300		COUNTY		CR 46A		TRAFFIC CONTROL PLANS	
				MAITLAND, FL 32751 - PHONE: (407) 860-2552		LAKE		238275-8-52-01		PHASE I	
				ENGINEER OF RECORD		FINANCIAL PROJECT ID					
				DANIELLE E. LANGRISH, P.E.		238275-8-52-01					
				P.E. NUMBER: 69864		#WHERESEP					



LEGEND: WORK ZONE

CR 46A

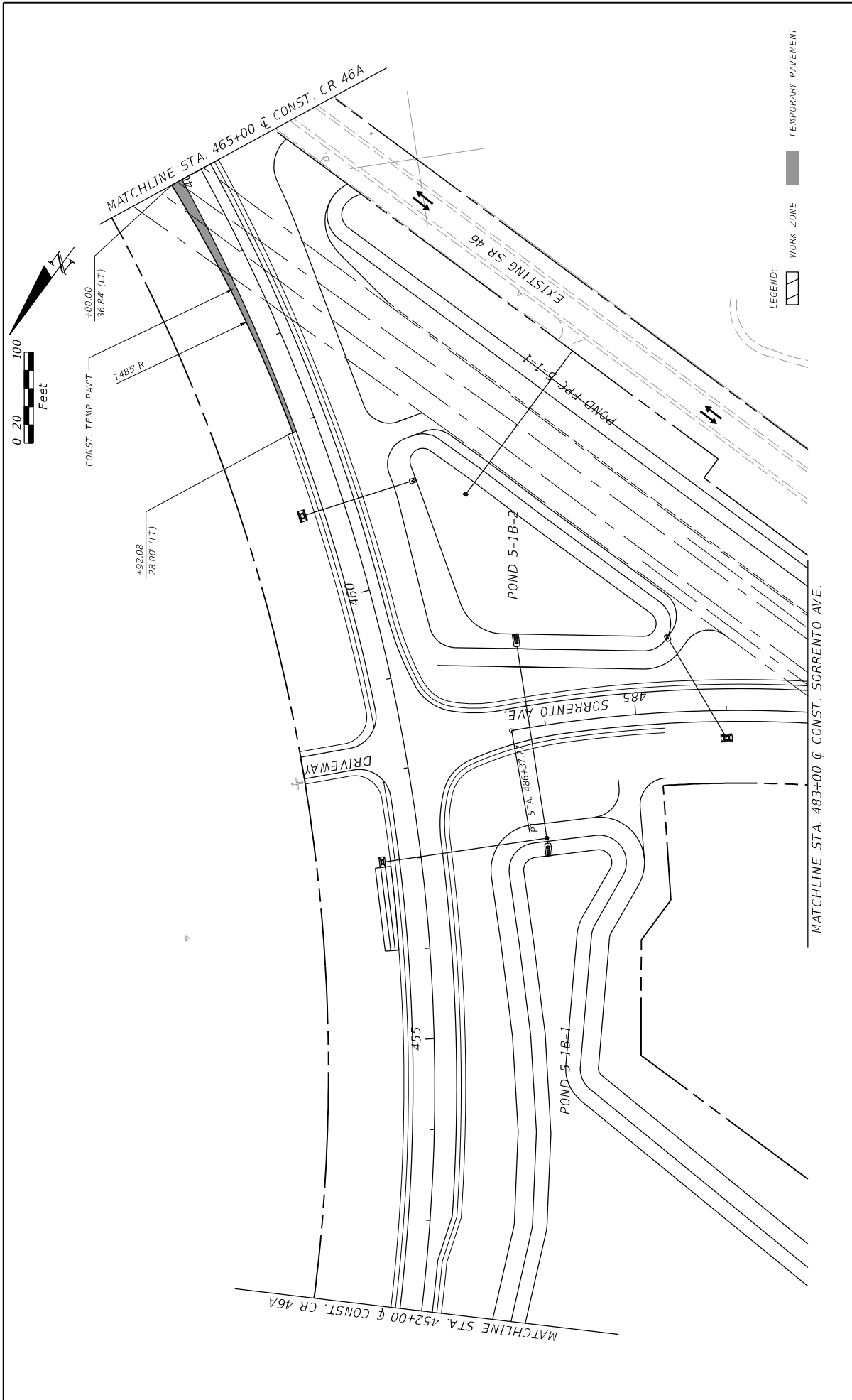
SHEET NO. 278

**TRAFFIC CONTROL PLANS
PHASE I**

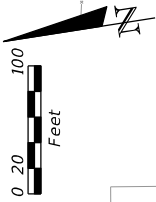
STATE OF FLORIDA	
DEPARTMENT OF TRANSPORTATION	
ROAD NO.	FINANCIAL PROJECT ID
CR 46A	238275-8-52-01
COUNTY	LAKE

PREPARED BY:
CDM Smith
2301 MAITLAND CENTER PARKWAY, SUITE 300
MAITLAND, FL 32751 - PHONE: (407) 860-2552
ENGINEER OF RECORD
DANIELLE E. LANGRISH, P.E.
P.E. NUMBER: 69864

REVISIONS	
DATE	DESCRIPTION

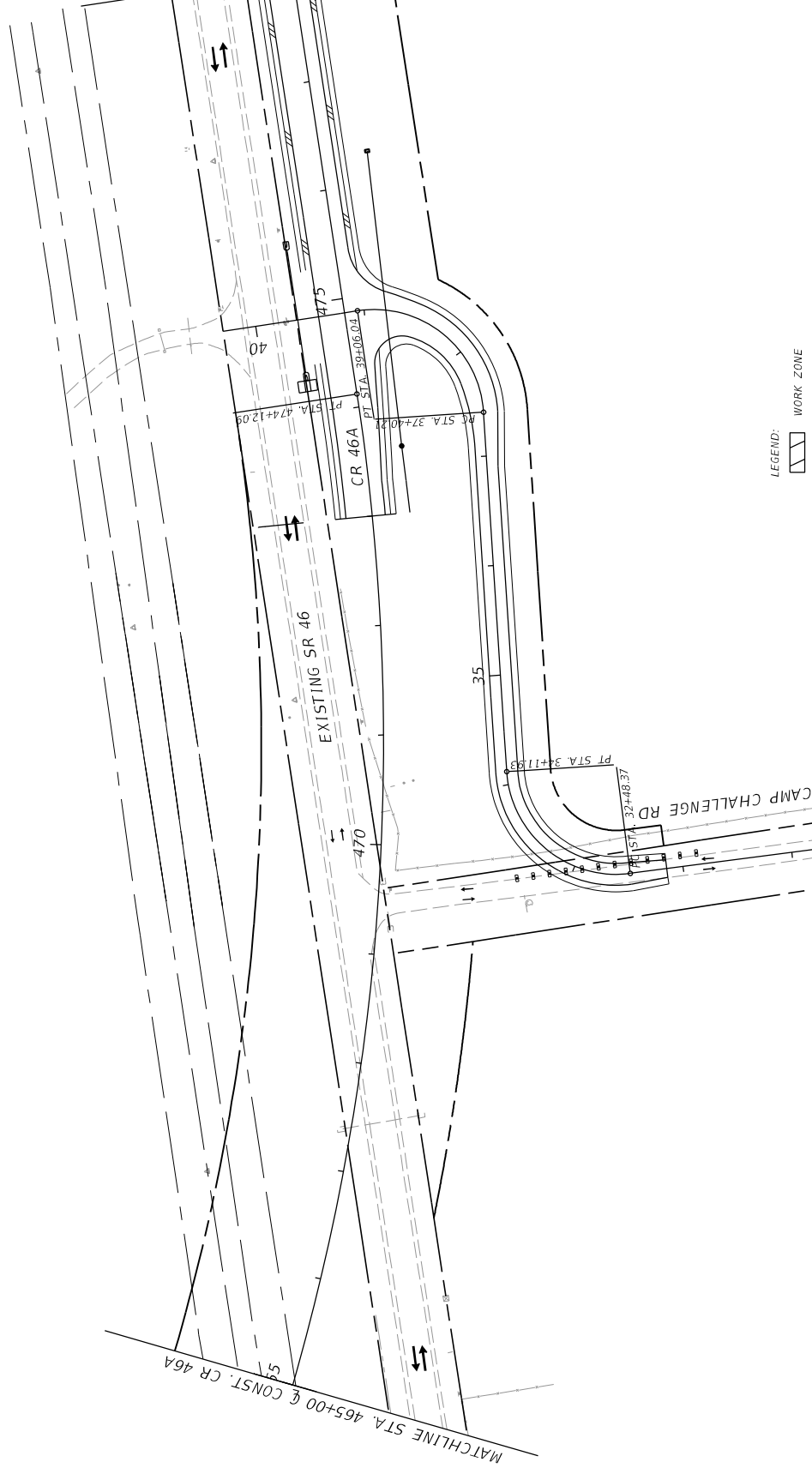


DATE		REVISIONS		DESCRIPTION	
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 866-2552 ENGINEER OF RECORD DJANGGAL LEGG, E. P.E. NUMBER: 03964					
ROAD NO.		STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION	
CR 46A		COUNTY		LAKE	
238275-8-52-01		FINANCIAL PROJECT ID		238275-8-52-01	
CR 46A TRAFFIC CONTROL PLANS PHASE I					
CR 46A					
SHEET NO.					
279					



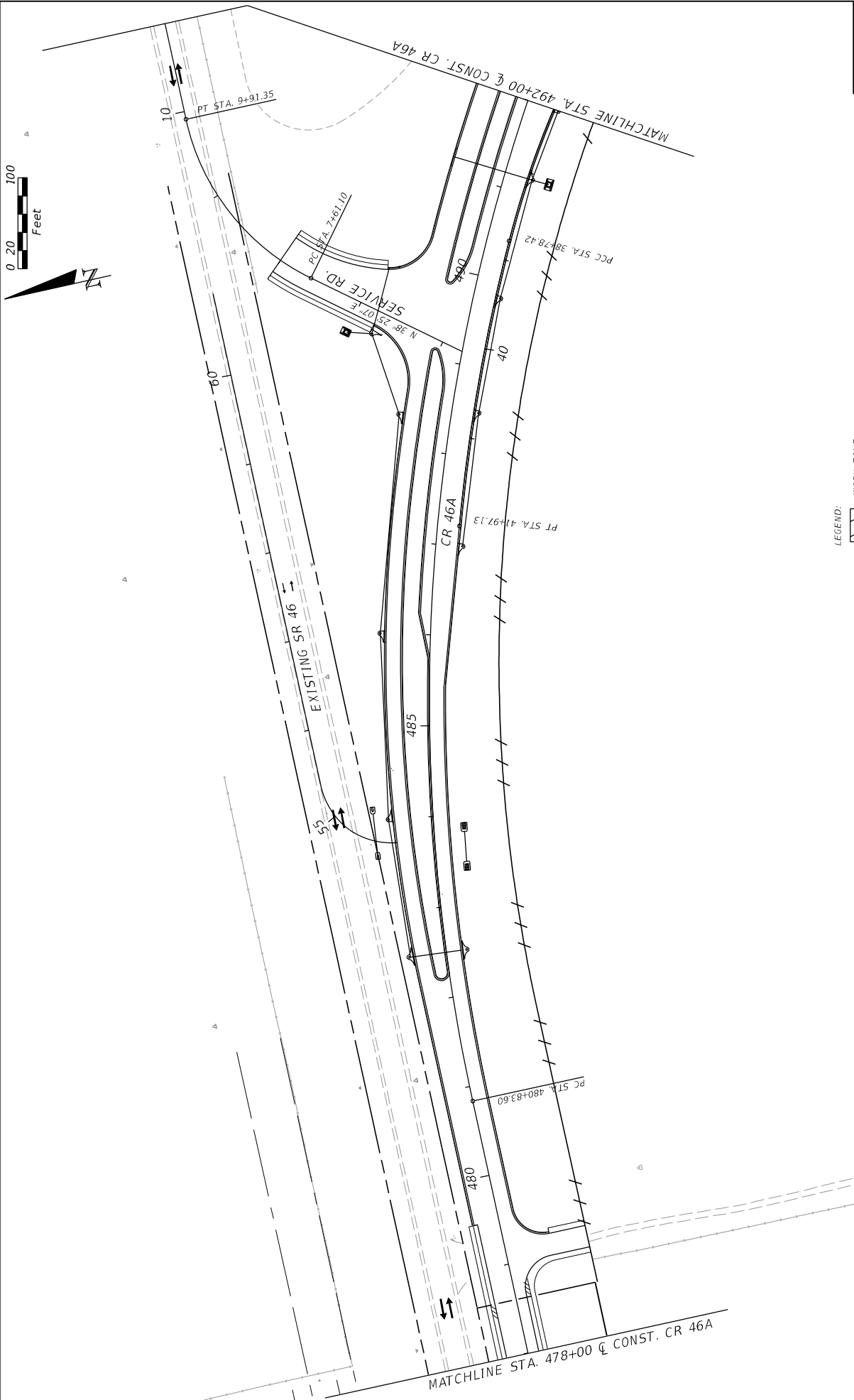
MATCHLINE STA. 478+00 & CONST. CR 46A

MATCHLINE STA. 465+00 & CONST. CR 46A



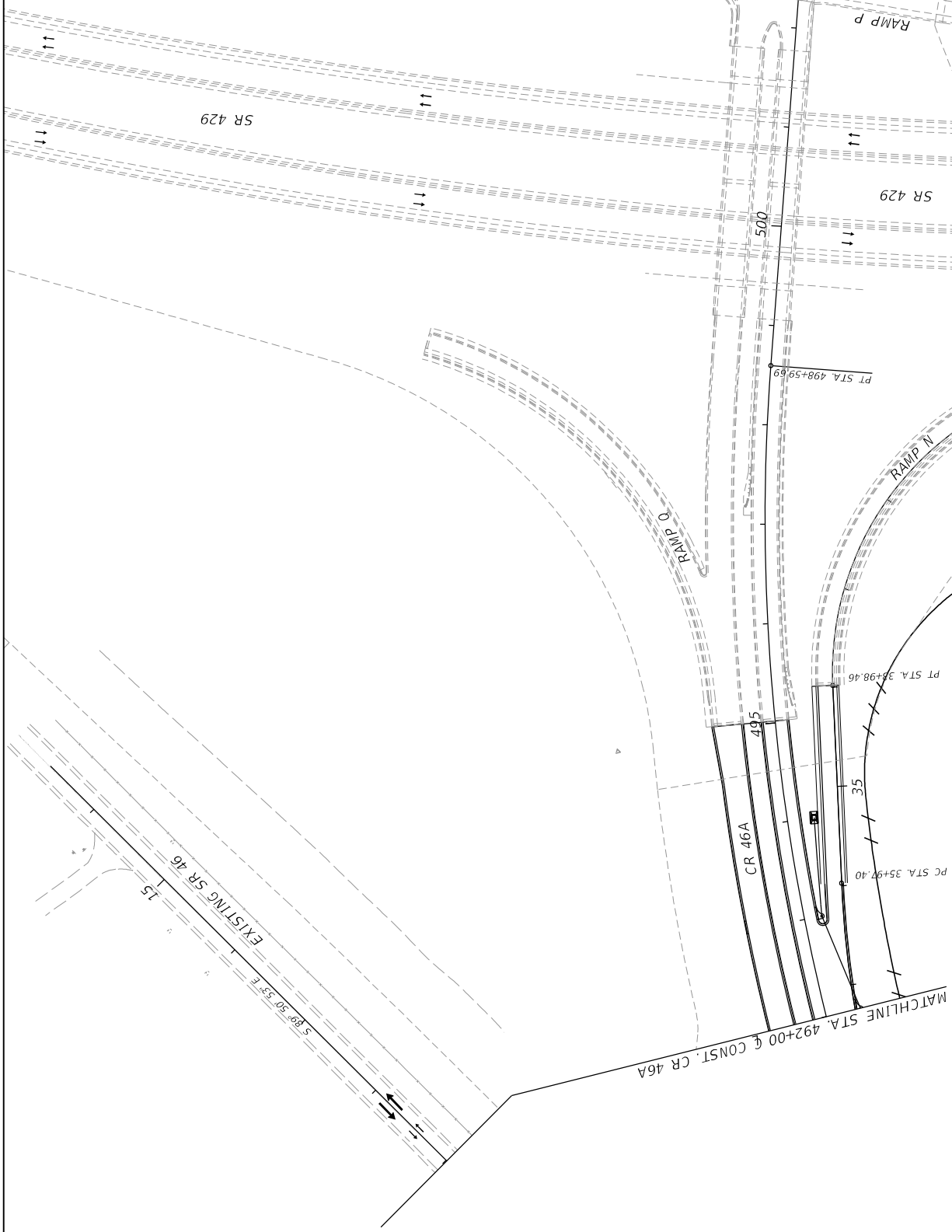
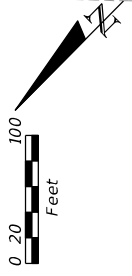
LEGEND: WORK ZONE

DATE		REVISIONS		DESCRIPTION	
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD D LANGCHALLE, P.E. P.E. NUMBER: 69864					
STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION		ROAD NO. CR 46A	
COUNTY LAKE		PROJECT ID 238275-8-52-01		FINANCIAL PROJECT ID	
PROJECT TITLE: TRAFFIC CONTROL PLANS PHASE I ROAD NO.: CR 46A COUNTY: LAKE PROJECT ID: 238275-8-52-01					
SHEET NO. 280 CR 46A					



LEGEND: WORK ZONE

DATE		REVISIONS		PREPARED BY:		STATE OF FLORIDA		CR 46A	
DESCRIPTION		DESCRIPTION		CDM Smith		DEPARTMENT OF TRANSPORTATION		TRAFFIC CONTROL PLANS	
DATE		DATE		2301 MAITLAND CENTER PARKWAY, SUITE 300		ROAD NO.		PHASE I	
				MAITLAND, FL 32751 - PHONE: (407) 860-2552		CR 46A		281	
				ENGINEER OF RECORD		COUNTY			
				DANIEL LEGG, P.E.		LAKE			
				P.E. NUMBER: 69964		FINANCIAL PROJECT ID			
						238275-8-52-01			
						WHEELER TP			
						11/17/2015			
						2:26:07 PM			
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LEGEND: WORK ZONE

CR 46A
SHEET NO. 282

**TRAFFIC CONTROL PLANS
PHASE I**

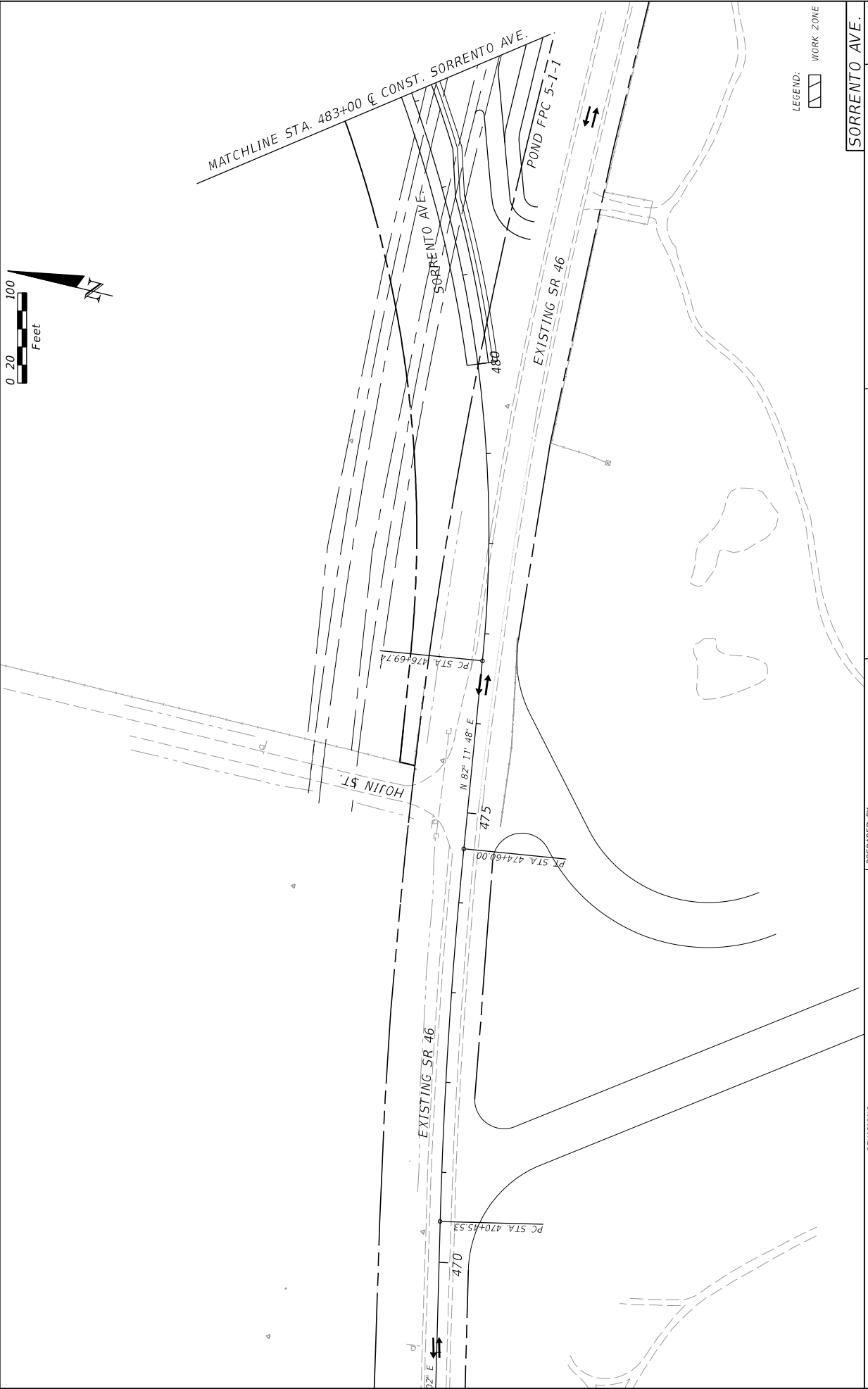
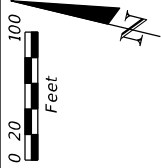
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	
ROAD NO. CR 46A	FINANCIAL PROJECT ID 238275-8-52-01
COUNTY LAKE	

PREPARED BY:
CDM Smith
2301 MAITLAND CENTER PARKWAY, SUITE 300
MAITLAND, FL 32751 - PHONE: (407) 860-2552
ENGINEER OF RECORD
DAN GAGLIARDI, P.E.
P.E. NUMBER: 69864

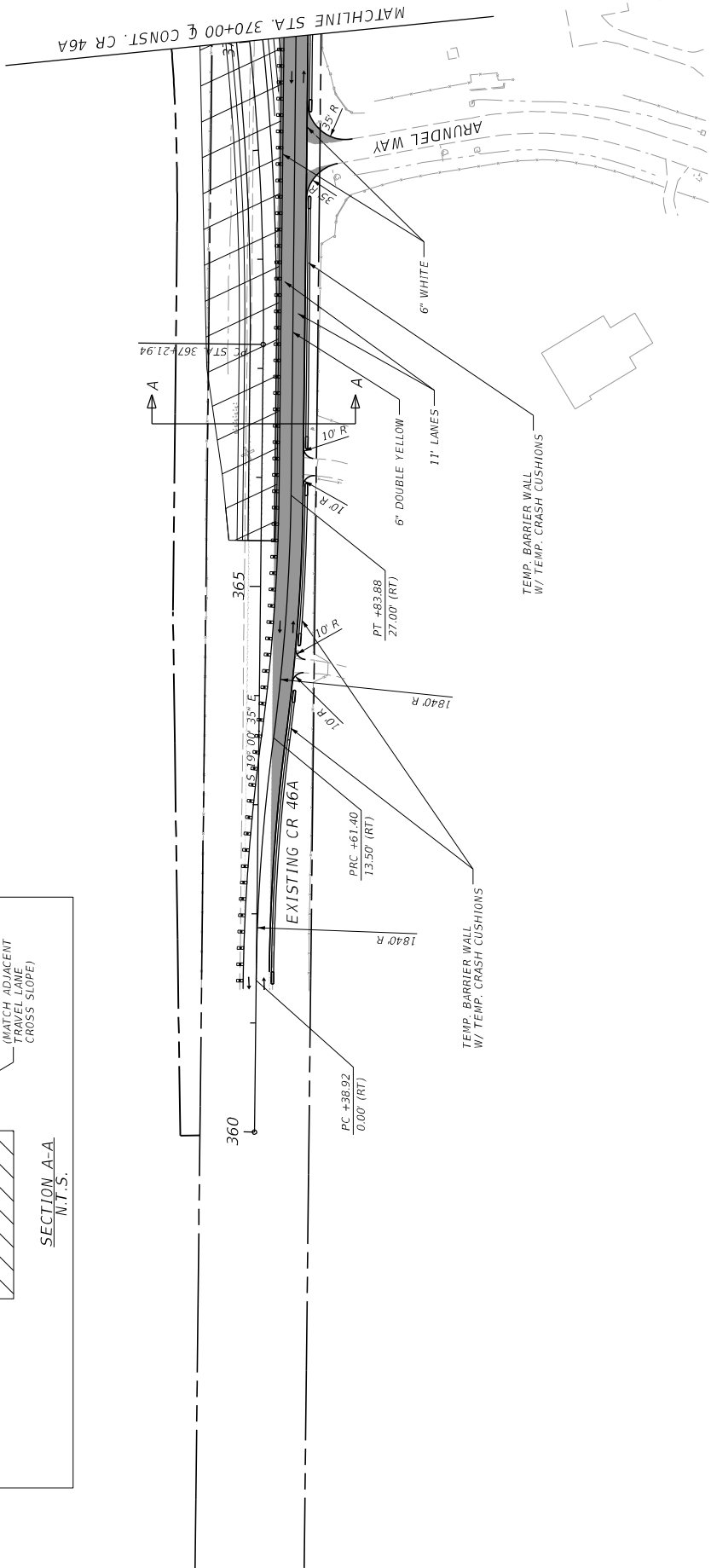
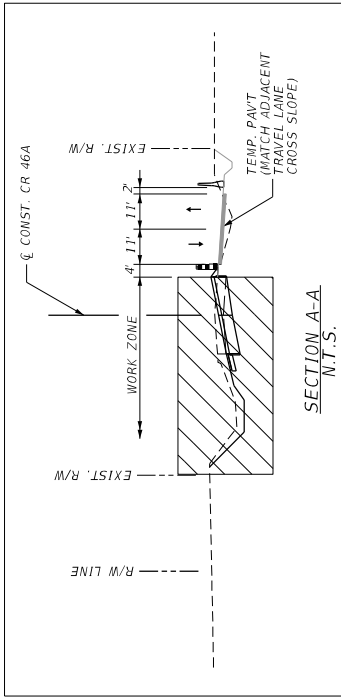
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

11/17/2015 2:26:13 PM ©:\Projects\CR46A_Realignment\2382758201\ roadway\TC\cr46a1_pln1.dgn

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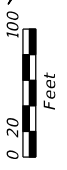


REVISIONS		STATE OF FLORIDA		TRAFFIC CONTROL PLANS		SHEET NO.	
DATE	DESCRIPTION	ROAD NO.	DEPARTMENT OF TRANSPORTATION	ROAD NO.	FINANCIAL PROJECT ID	NO.	
		CR 46A	LAKE COUNTY	238275-8-52-01			283
		PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DLANGLADE, P.E. P.E. NUMBER: 69864		PROJECT NO.: 238275-8-52-01 PROJECT NAME: WHEELEGITP		DATE: 11/17/2015 TIME: 2:26:16 PM	

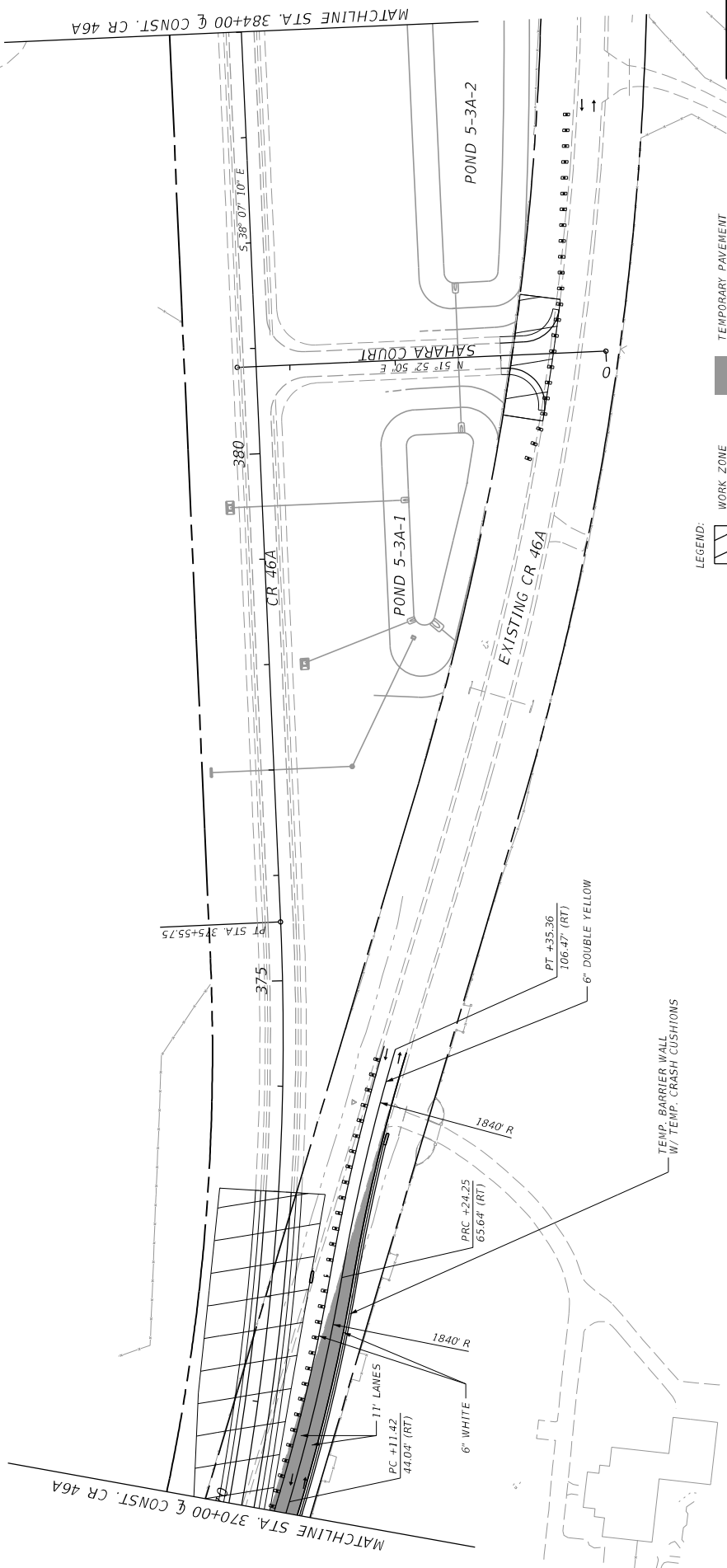


LEGEND: WORK ZONE TEMPORARY PAVEMENT

DATE		REVISIONS		PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DLANGLASS LEGG, P.E. P.E. NUMBER: 03964		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01		TRAFFIC CONTROL PLANS PHASE II		SHEET NO. 284	
						PROJECT NO. CR 46A		CR 46A		11/17/2015 2:52:20 PM C:\Projects\CR46A_Realign\Drawings\23827585201\Roadway\TC\tr001_pln2.dgn	



NOTES: TRAFFIC REMAINS ON EXISTING CR 46A



LEGEND:
 WORK ZONE
 TEMPORARY PAVEMENT

CR 46A

DATE	REVISIONS	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO. CR 46A	FINANCIAL PROJECT ID 238275-8-52-01
COUNTY LAKE	PROJECT ID 238275-8-52-01	

PREPARED BY:
 CDM Smith
 2301 MAITLAND CENTER PARKWAY, SUITE 300
 MAITLAND, FL 32751 - PHONE: (407) 860-2552
 ENGINEER OF RECORD
 DWAN GIBBLE, P.E.
 P.E. NUMBER: 69864

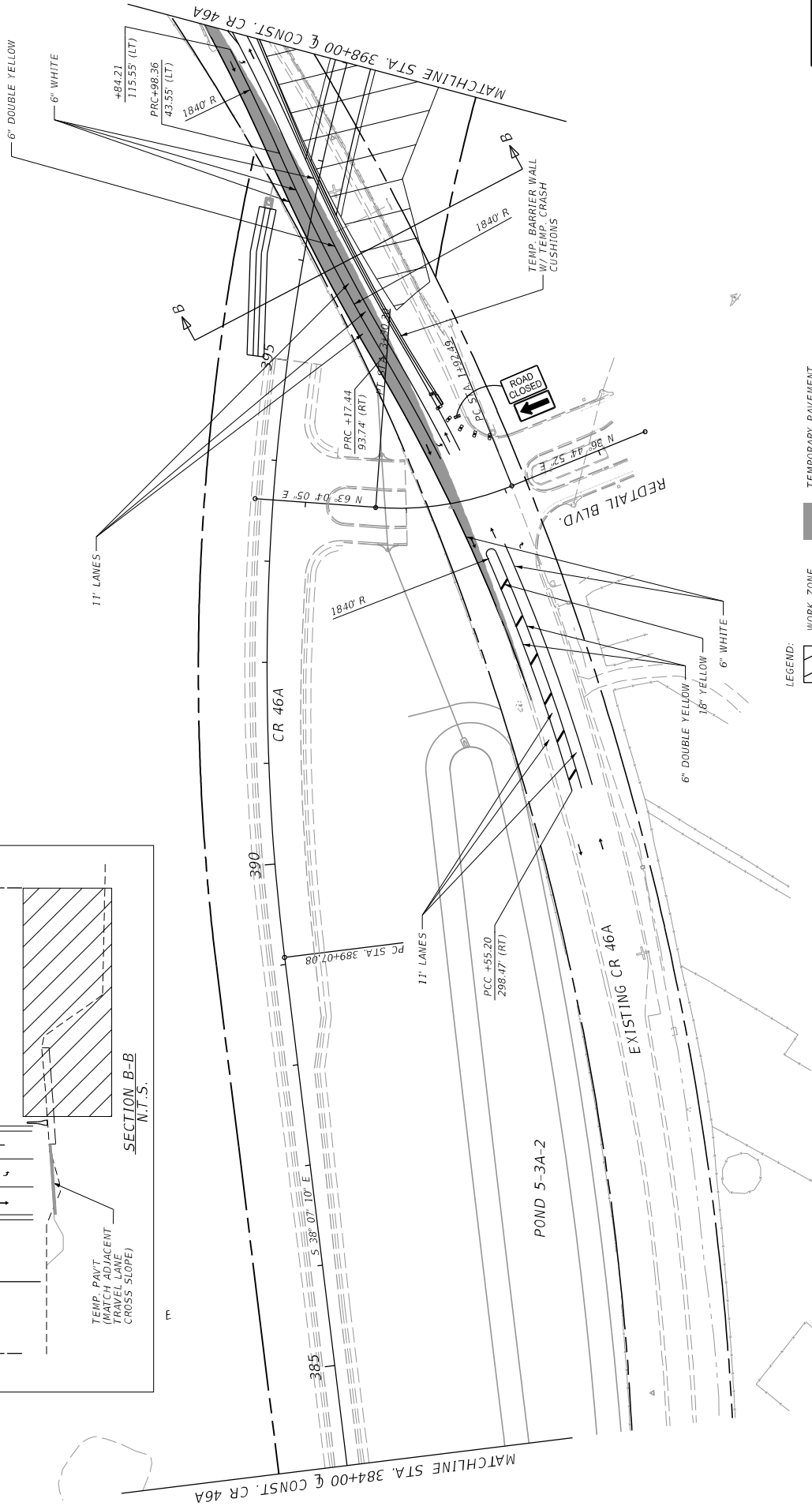
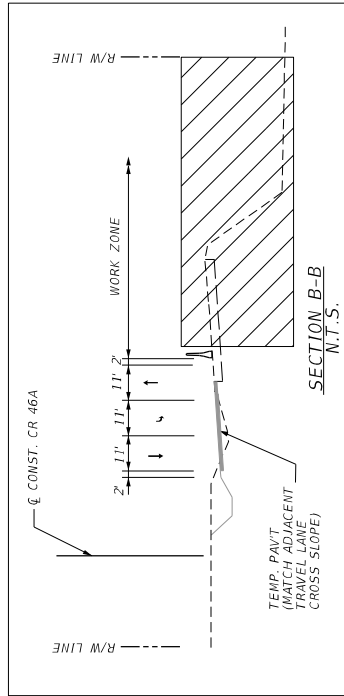
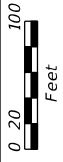
**TRAFFIC CONTROL PLANS
 PHASE II**

SHEET NO.

285

11/17/2015 2:28:27 PM ©:\Projects\CR46A_Realign\238275-8-52-01\ roadway\cr46a02_pln2.dgn

NOTES: TRAFFIC REMAINS ON EXISTING CR 46A

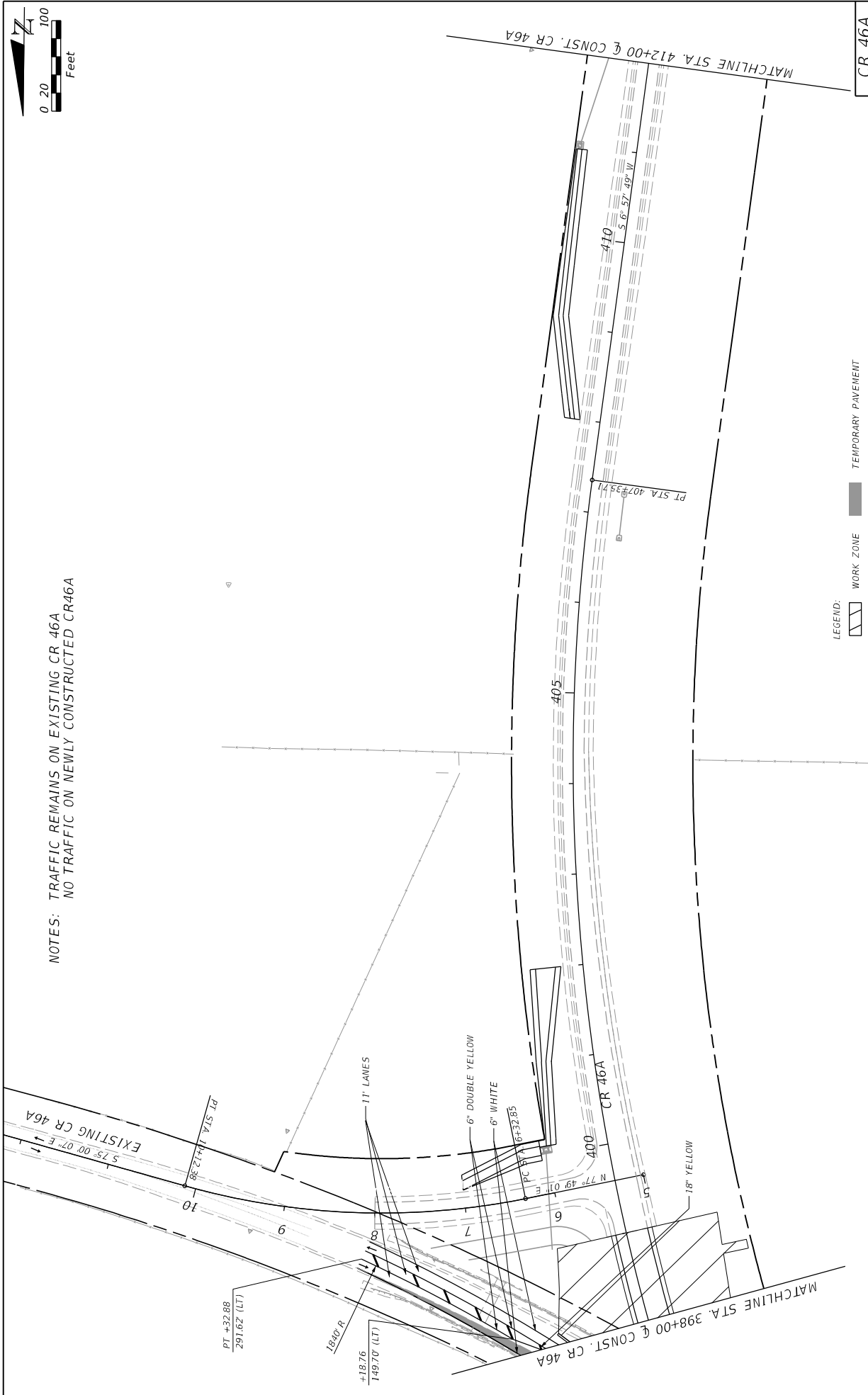


LEGEND: WORK ZONE TEMPORARY PAVEMENT

DATE	REVISIONS	DESCRIPTION

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DWANGGANG LEE, P.E. P.E. NUMBER: 03964	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01
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CR 46A	TRAFFIC CONTROL PLANS PHASE II	SHEET NO. 286
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NOTES: TRAFFIC REMAINS ON EXISTING CR 46A
NO TRAFFIC ON NEWLY CONSTRUCTED CR46A

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

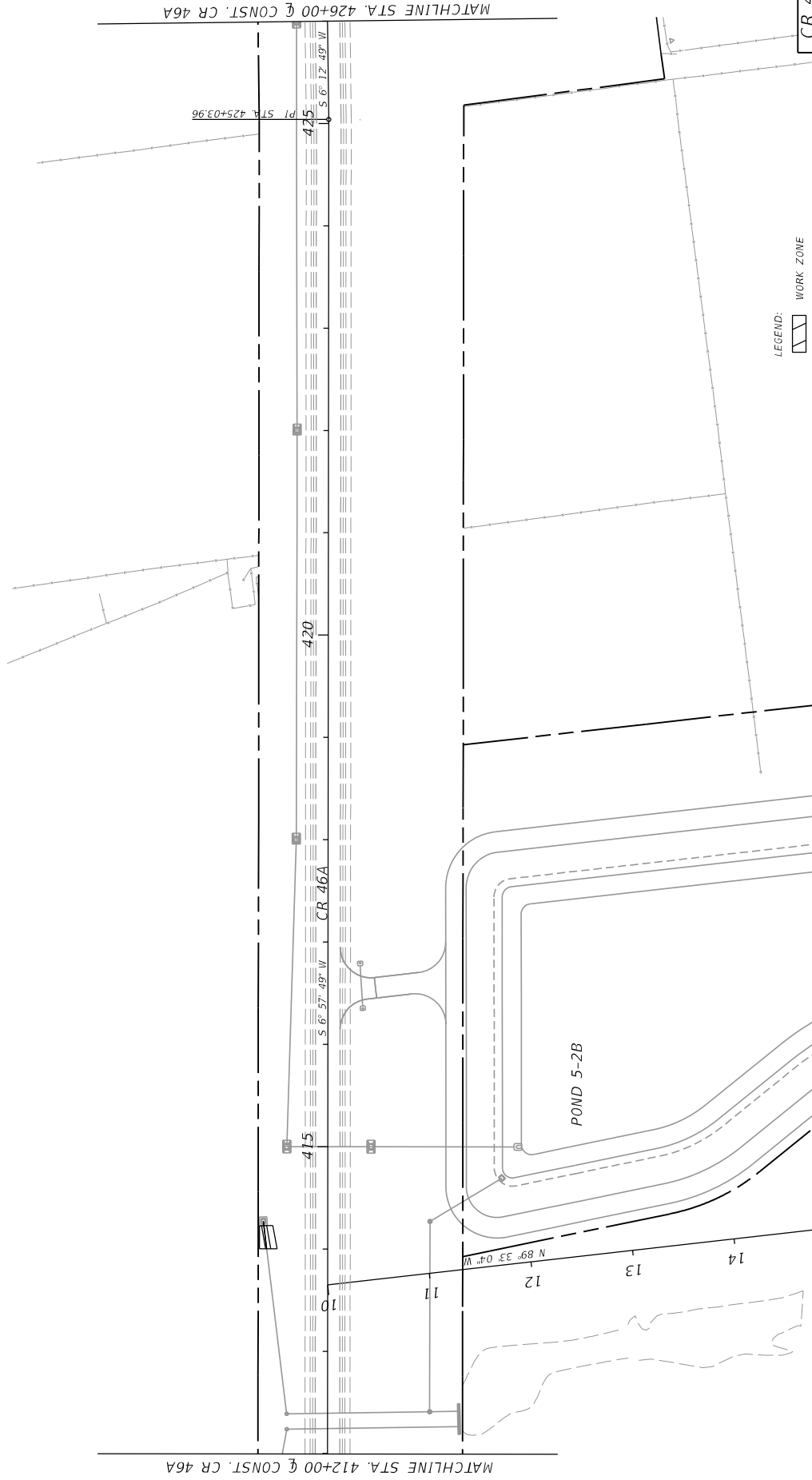
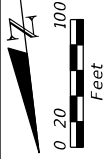
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD D LANGGAL, P.E. P.E. NUMBER: 03964		ROAD NO. CR 46A	FINANCIAL PROJECT ID 238275-8-52-01
DEPARTMENT OF TRANSPORTATION COUNTY LAKE		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	

CR 46A	CR 46A
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LEGEND: WORK ZONE TEMPORARY PAVEMENT	SHEET NO. 287
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MATCHLINE STA. 398+00 & CONST. CR 46A	MATCHLINE STA. 412+00 & CONST. CR 46A
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NOTES: NO TRAFFIC ON NEWLY CONSTRUCTED CR46A



LEGEND: WORK ZONE

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROAD NO. CR 46A
COUNTY LAKE
FINANCIAL PROJECT ID 238275-8-52-01

PREPARED BY:
CDM Smith
2301 MAITLAND CENTER PARKWAY, SUITE 300
MAITLAND, FL 32751 - PHONE: (407) 860-2552
ENGINEER OF RECORD
DANIELLE E. LANGRISH, P.E.
P.E. NUMBER: 69964

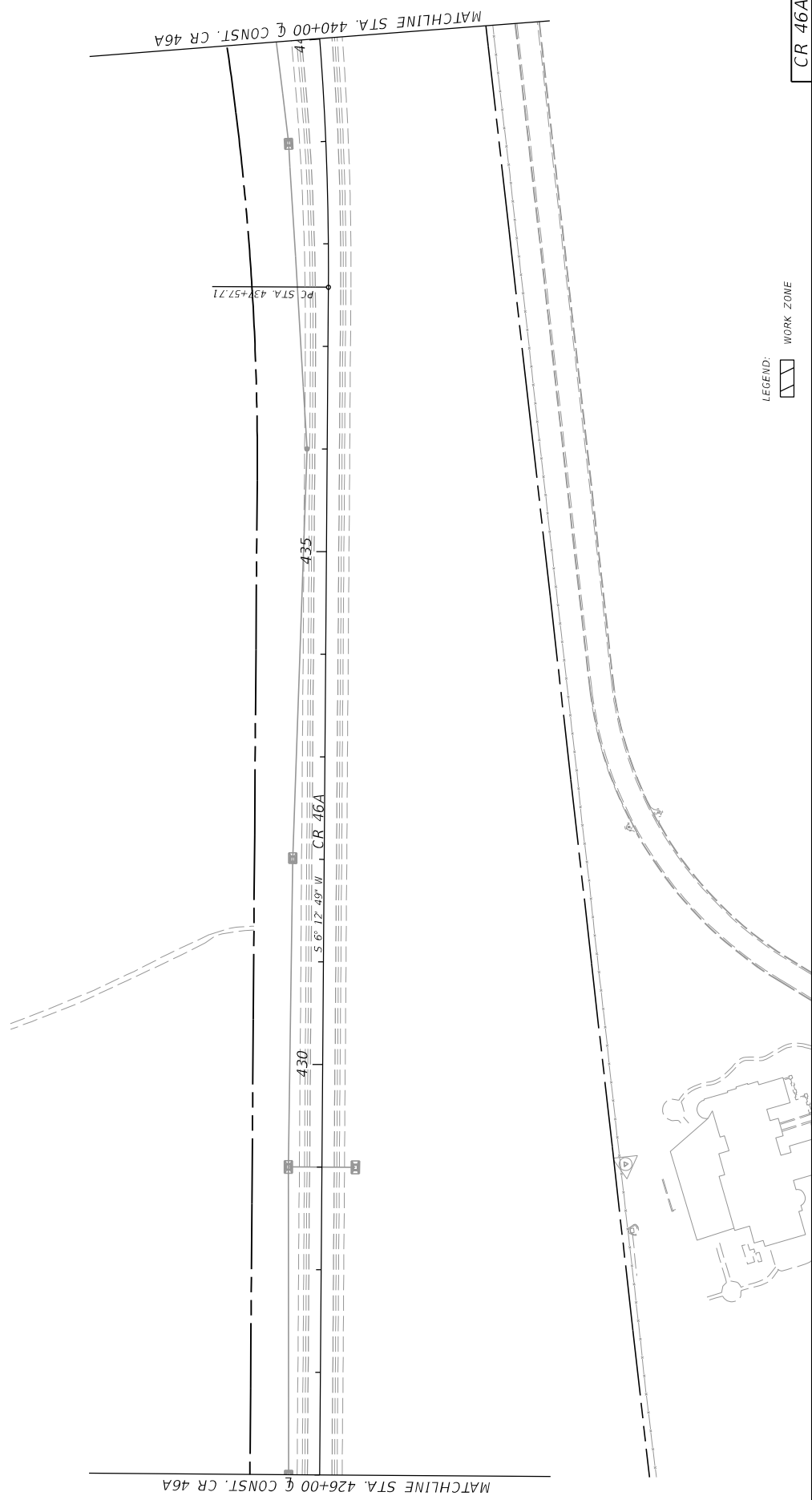
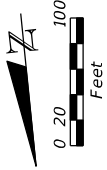
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

**TRAFFIC CONTROL PLANS
PHASE II**

SHEET NO. 288

CR 46A

NOTES: NO TRAFFIC ON NEWLY CONSTRUCTED CR46A

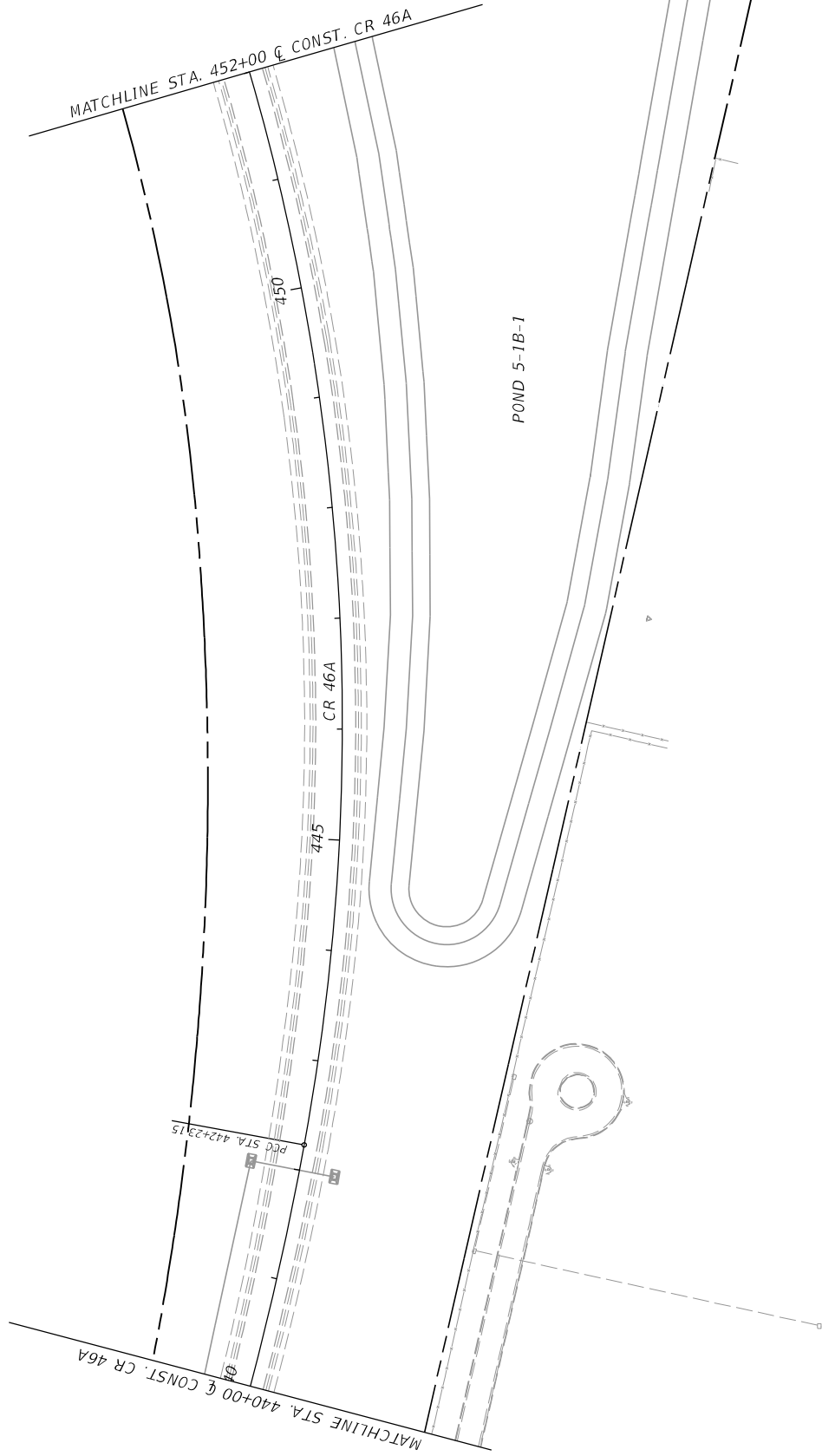
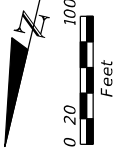


LEGEND: WORK ZONE

DATE		REVISIONS		DESCRIPTION	
<p>PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DANGCHUAN LEI, P.E. P.E. NUMBER: 03964</p>					
ROAD NO.		DEPARTMENT OF TRANSPORTATION		STATE OF FLORIDA	
CR 46A					
COUNTY	LAKE	FINANCIAL PROJECT ID			
		238275-8-52-01			
TRAFFIC CONTROL PLANS					
PHASE II					
CR 46A					
SHEET NO.				289	

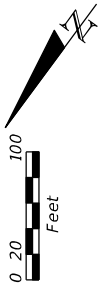
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

NOTES: NO TRAFFIC ON NEWLY CONSTRUCTED CR46A

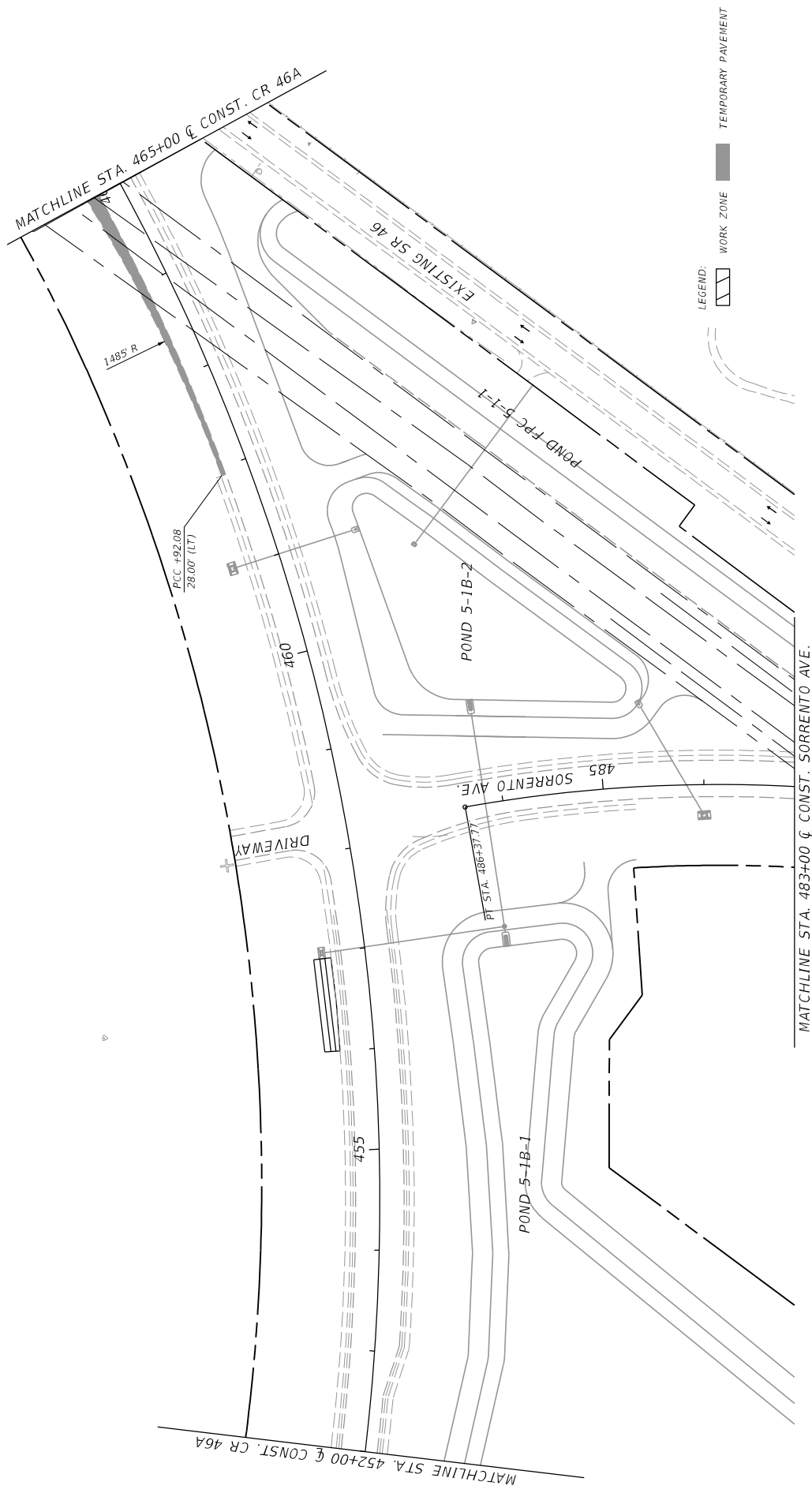


LEGEND: WORK ZONE

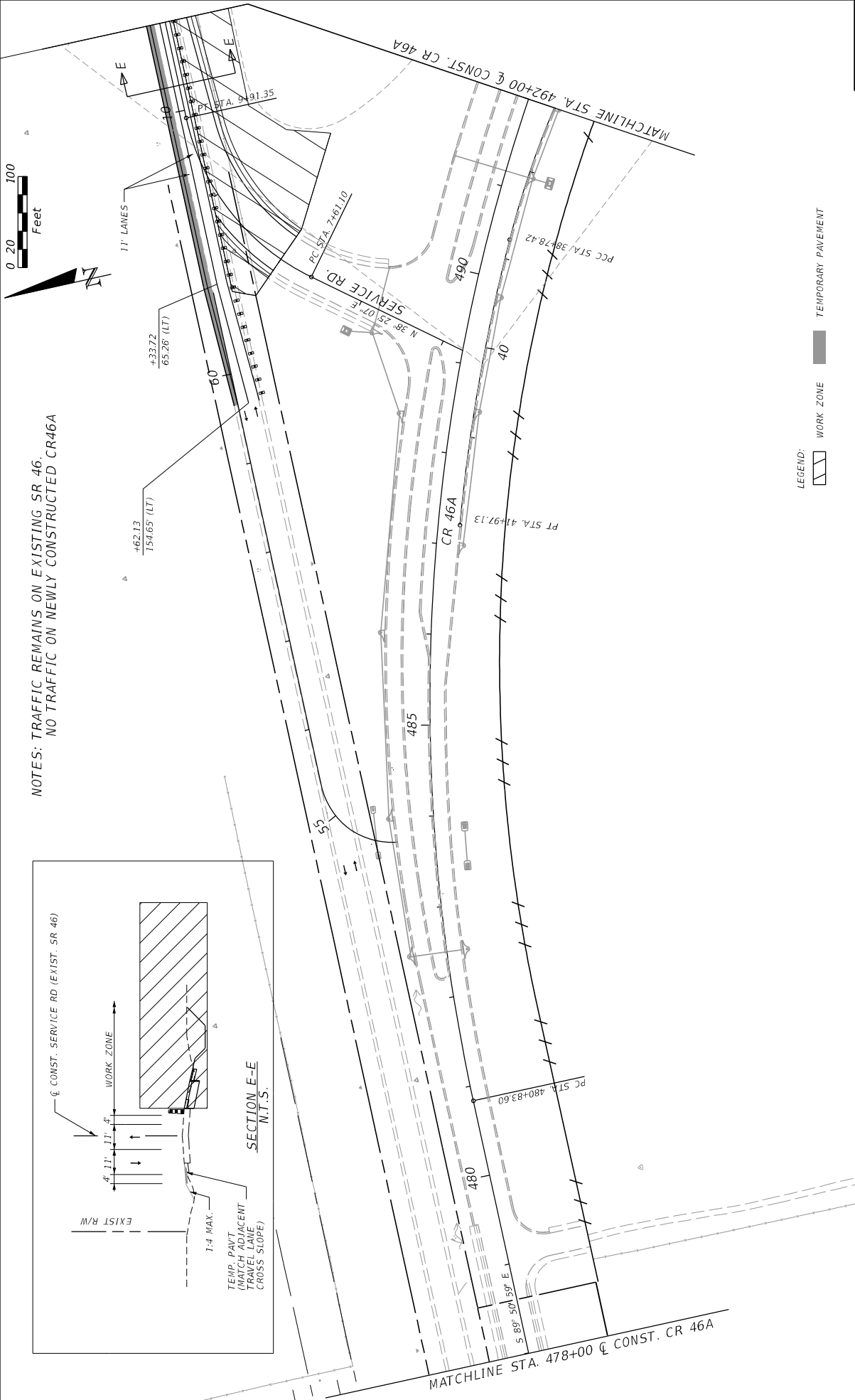
DATE		REVISIONS		DESCRIPTION	
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD D. LANGRISH, P.E. P.E. NUMBER: 03964					
STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION		ROAD NO.	
COUNTY		LAKE		CR 46A	
FINANCIAL PROJECT ID		238275-8-52-01			
TRAFFIC CONTROL PLANS					
PHASE II					
CR 46A				SHEET NO.	
				290	



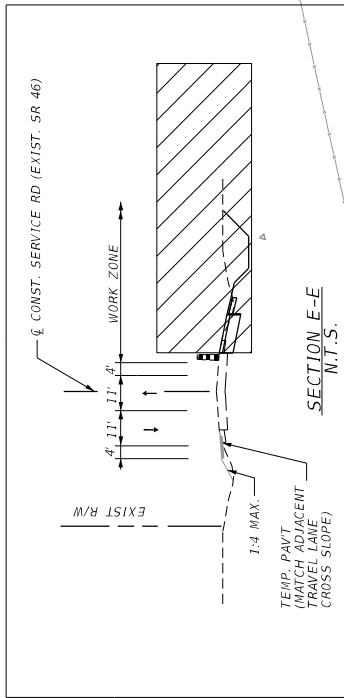
NOTES: TRAFFIC REMAINS ON EXISTING SR 46.
NO TRAFFIC ON NEWLY CONSTRUCTED CR46A AND SORRENTO AVE.



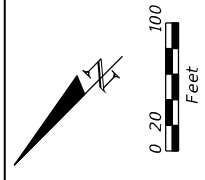
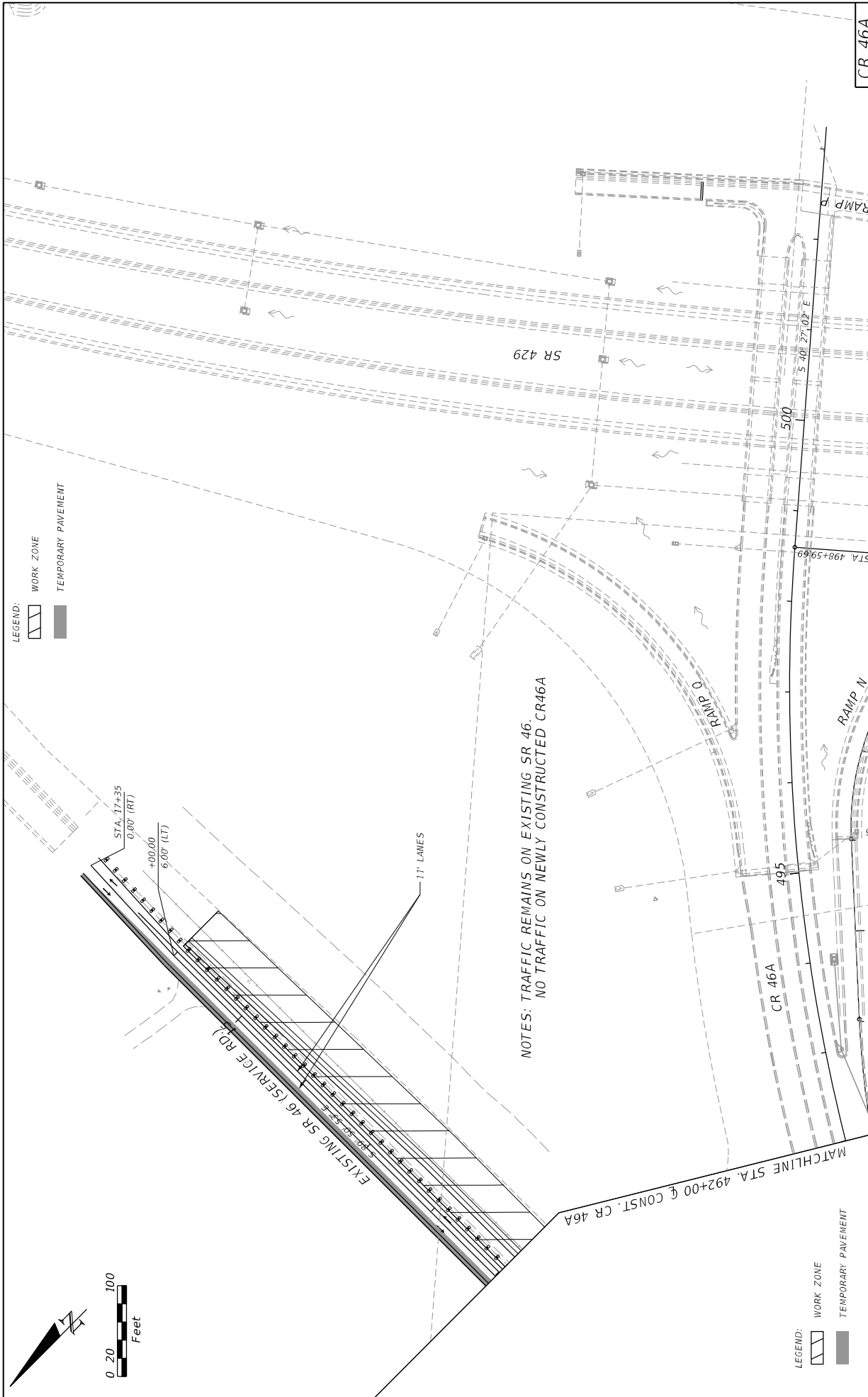
DATE		REVISIONS		DESCRIPTION	
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 866-2552 ENGINEER OF RECORD DLANGLADE LEGAL P.E. NUMBER: 69964					
ROAD NO.		DEPARTMENT OF TRANSPORTATION		STATE OF FLORIDA	
CR 46A					
		COUNTY	LAKE	FINANCIAL PROJECT ID	
				238275-8-52-01	
MATCHLINE STA. 483+00 & CONST. SORRENTO AVE. MATCHLINE STA. 452+00 & CONST. CR 46A MATCHLINE STA. 465+00 & CONST. CR 46A EXISTING SR 46 POND-FC-5-1-1 POND 5-1B-2 SORRENTO AVE. DRIVEWAY PCC +92.08 28.00' (LT) 1485' R 455 460 485 PT STA. 486+37.7					
LEGEND: WORK ZONE TEMPORARY PAVEMENT					
CR 46A TRAFFIC CONTROL PLANS PHASE II SHEET NO. 291 11/17/2015 2:28:06 PM ©:\Projects\CR46A_Realign\Drawings\23827505201\ roadway\TC\cr46a_ph2.dgn					



NOTES: TRAFFIC REMAINS ON EXISTING SR 46.
NO TRAFFIC ON NEWLY CONSTRUCTED CR46A

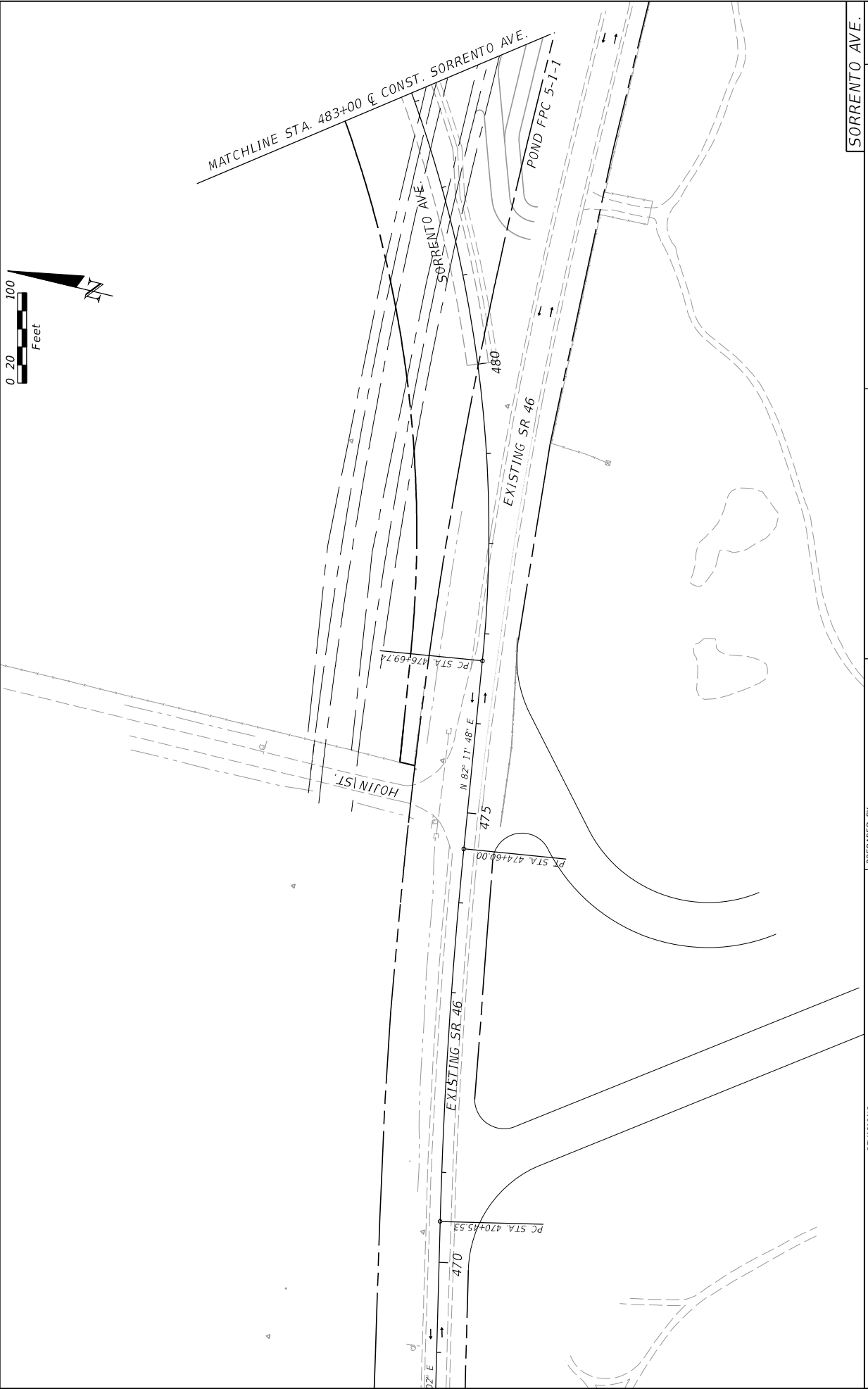
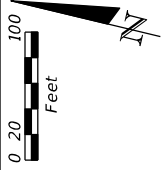


DATE		REVISIONS		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROAD NO. CR 46A		FINANCIAL PROJECT ID 238275-8-52-01		SHEET NO. 293			
DESCRIPTION		DESCRIPTION		COUNTY LAKE		LAKE		238275-8-52-01		TRAFFIC CONTROL PLANS PHASE II			
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DANIEL LEGG, P.E. P.E. NUMBER: 69864				PROJECT NO. CR 46A				PROJECT ID 238275-8-52-01		DATE 11/17/2015		PROJECT FILE C:\Projects\CR46A_Realign\238275-8-52-01\ roadway\TC\cr46a_293.dgn	



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

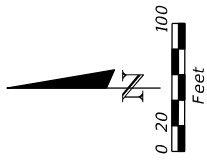
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD D'AMICO & LEGG, P.C. P.E. NUMBER: 69864		DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION FINANCIAL PROJECT ID 238275-8-52-01	CR 46A SHEET NO. 294
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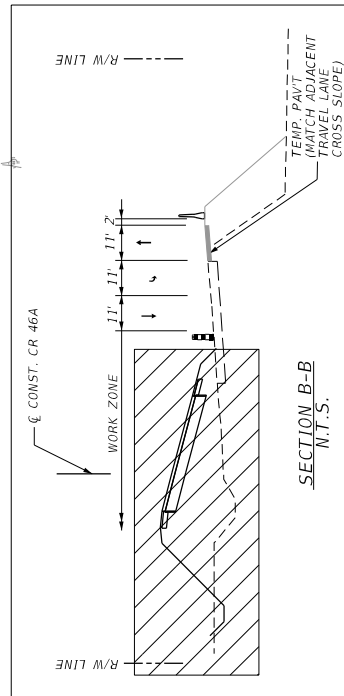
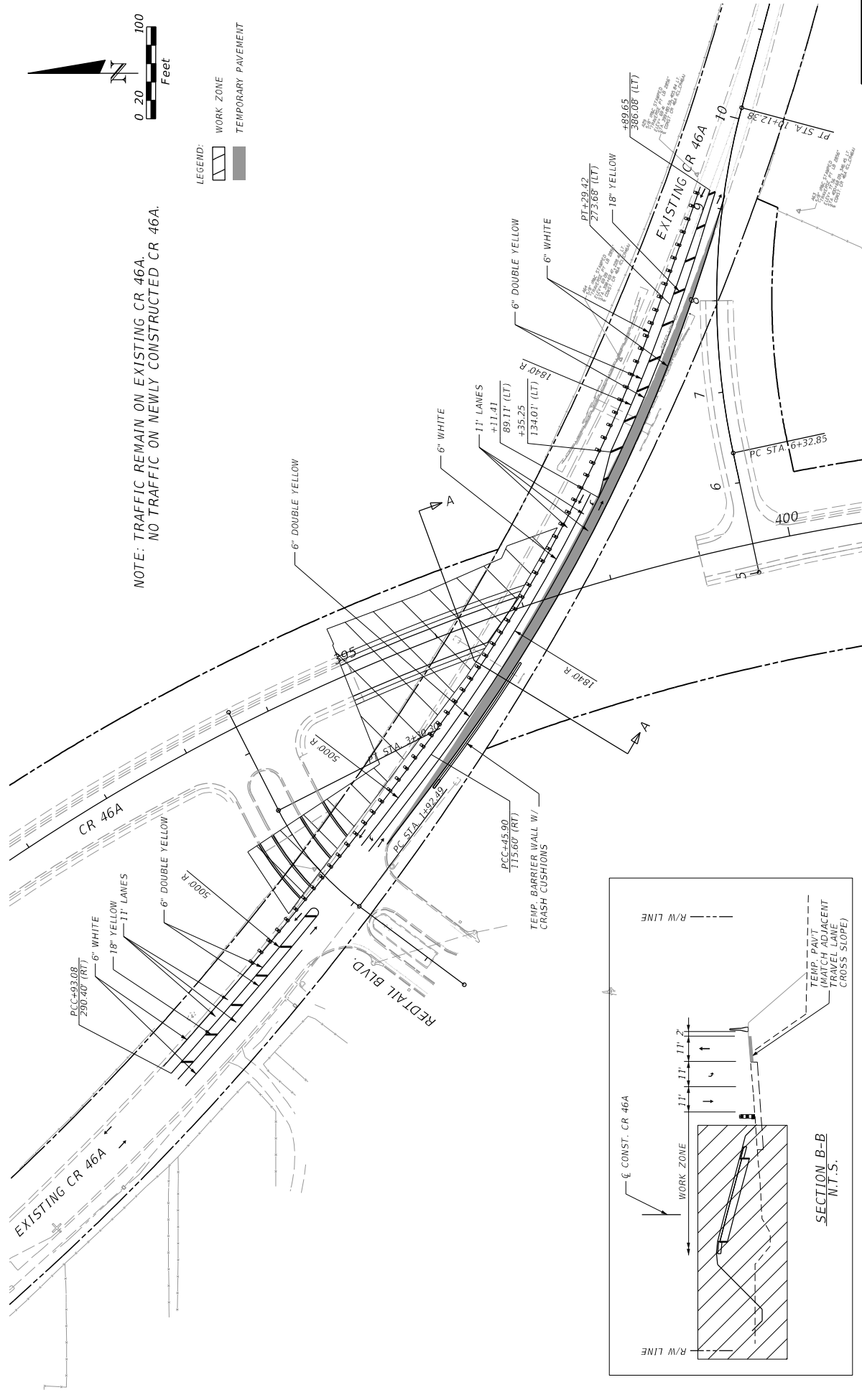
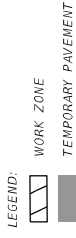
REVISIONS		STATE OF FLORIDA	
DATE	DESCRIPTION	DEPARTMENT OF TRANSPORTATION	SHEET NO.
		ROAD NO. CR 46A <td>295</td>	295
		COUNTY LAKE <td></td>	
		FINANCIAL PROJECT ID 238275-8-52-01 <td></td>	
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DLANGLADE, P.E. P.E. NUMBER: 03964		PROJECT NO. 238275-8-52-01 DATE 11/17/2015 2:27:02 PM FILENAME C:\Projects\CR46A_Realign\23827585201\ roadway\TC\pr012_012.dgn	

SORRENTO AVE.

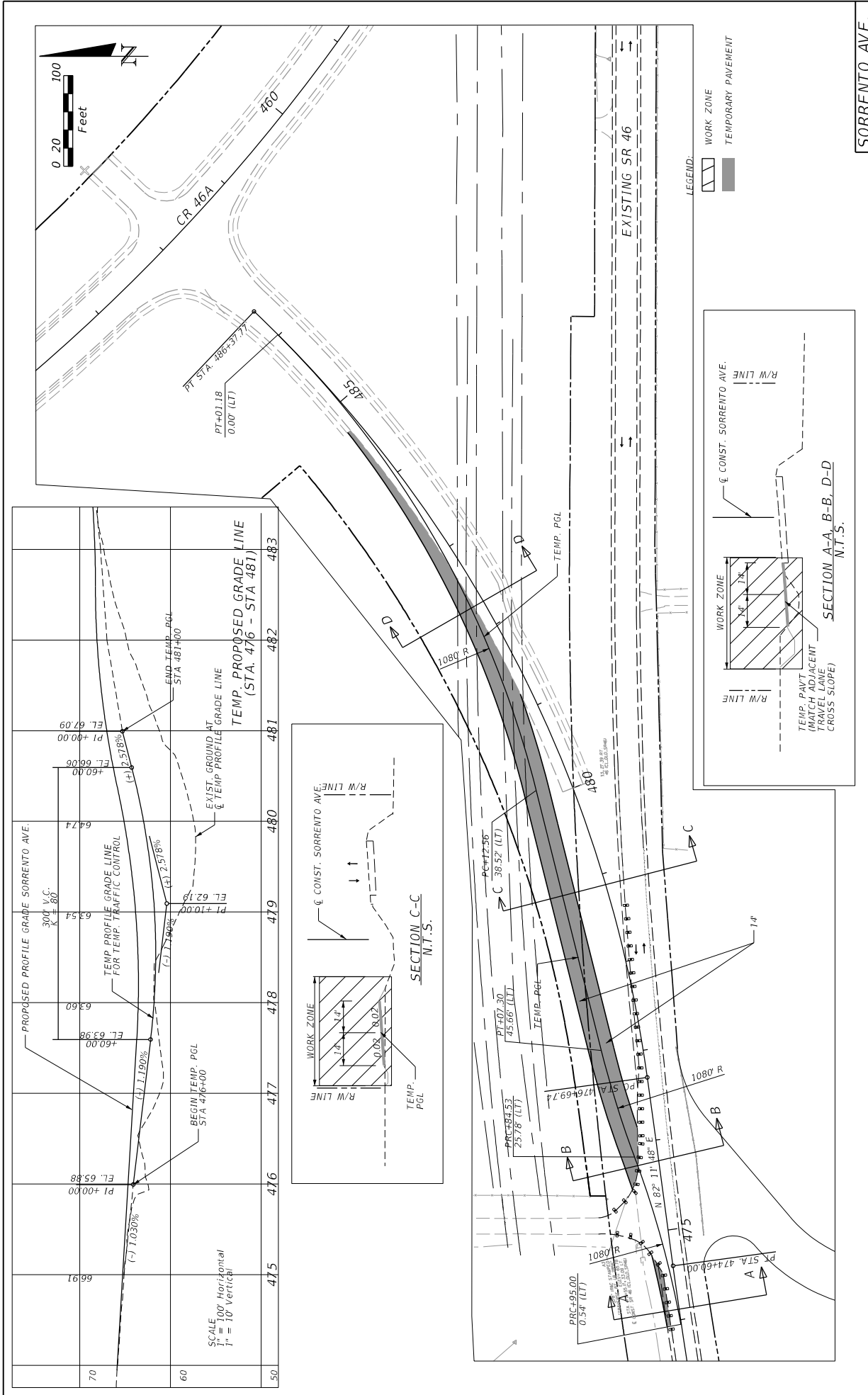
**TRAFFIC CONTROL PLANS
PHASE II**



NOTE: TRAFFIC REMAIN ON EXISTING CR 46A.
NO TRAFFIC ON NEWLY CONSTRUCTED CR 46A.



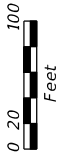
DATE		DESCRIPTION	REVISIONS
DATE		DESCRIPTION	REVISIONS
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DJANGCHU, LE, P.E. P.E. NUMBER: 69964			
STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION	
ROAD NO.		FINANCIAL PROJECT ID	
CR 46A	LAKE	238275-8-52-01	
CR 46A		SHEET NO.	
CR 46A		296	



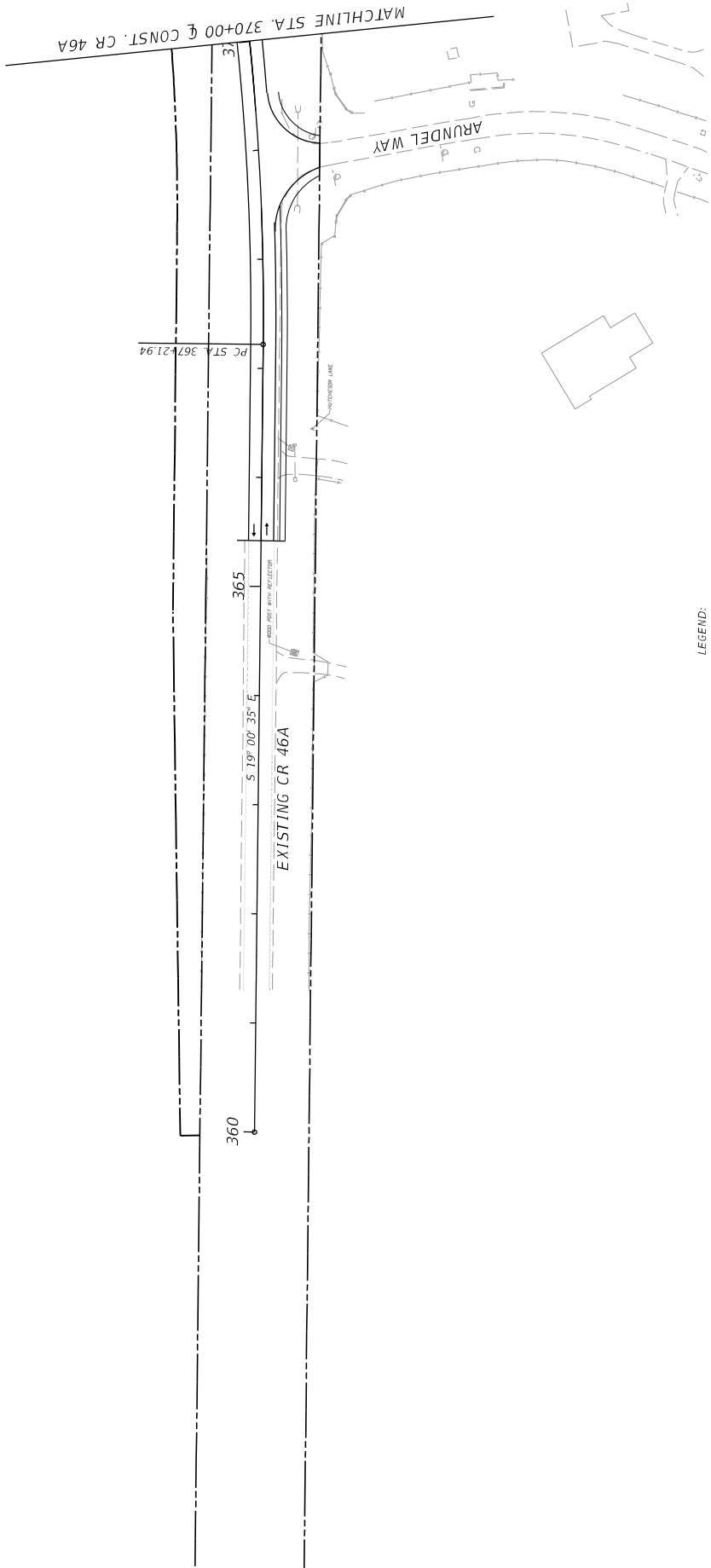
DATE	REVISIONS	DESCRIPTION

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DANIELLE L. E. P.E. NUMBER: 69964	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01	WHEELERPT 11/17/2015 2:27:12 PM C:\Projects\CR46A_Realign\23827585201\roadway\TC\pr013_p03a.dgn
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SORRENTO AVE.	
TRAFFIC CONTROL PLANS	
PHASE IIIA	
SHEET NO.	297

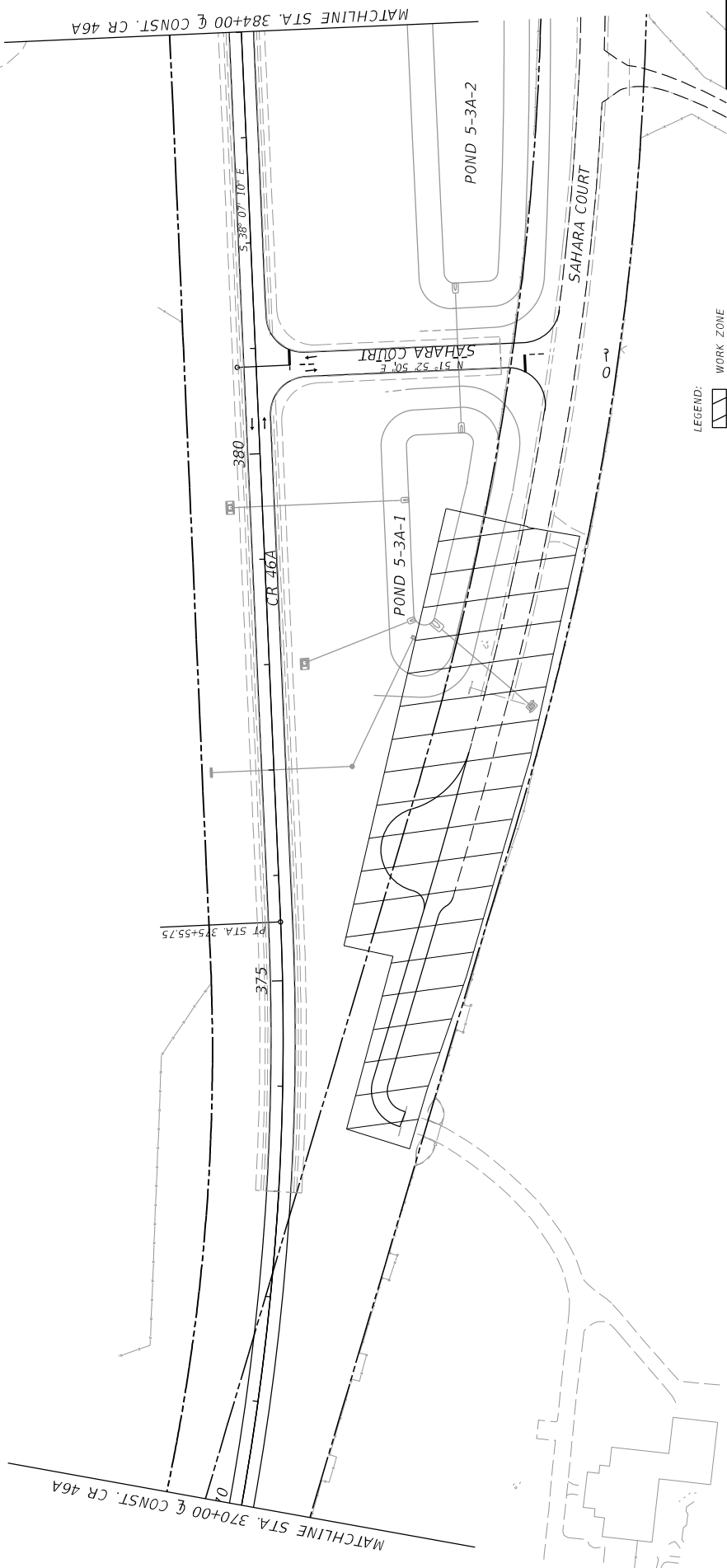
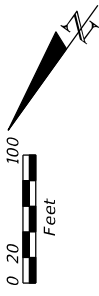


NOTES:
 1. ALL DIMENSIONS ARE IN FEET.
 2. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
 3. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
 4. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.



LEGEND: WORK ZONE

CR 46A		TRAFFIC CONTROL PLANS		SHEET NO.	298
PHASE III-B		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		FINANCIAL PROJECT ID 238275-8-52-01	
EXISTING CR 46A		ROAD NO. CR 46A			
360		365		PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD D LANGRISH, P.E. P.E. NUMBER: 69964	
S 19° 00' 35" E		MATCHLINE STA. 370+00 & CONST. CR 46A			
PC STA. 367+21.94		ARUNDEL WAY		REVISIONS	
MATCHLINE STA. 370+00 & CONST. CR 46A		MATCHLINE STA. 370+00 & CONST. CR 46A			
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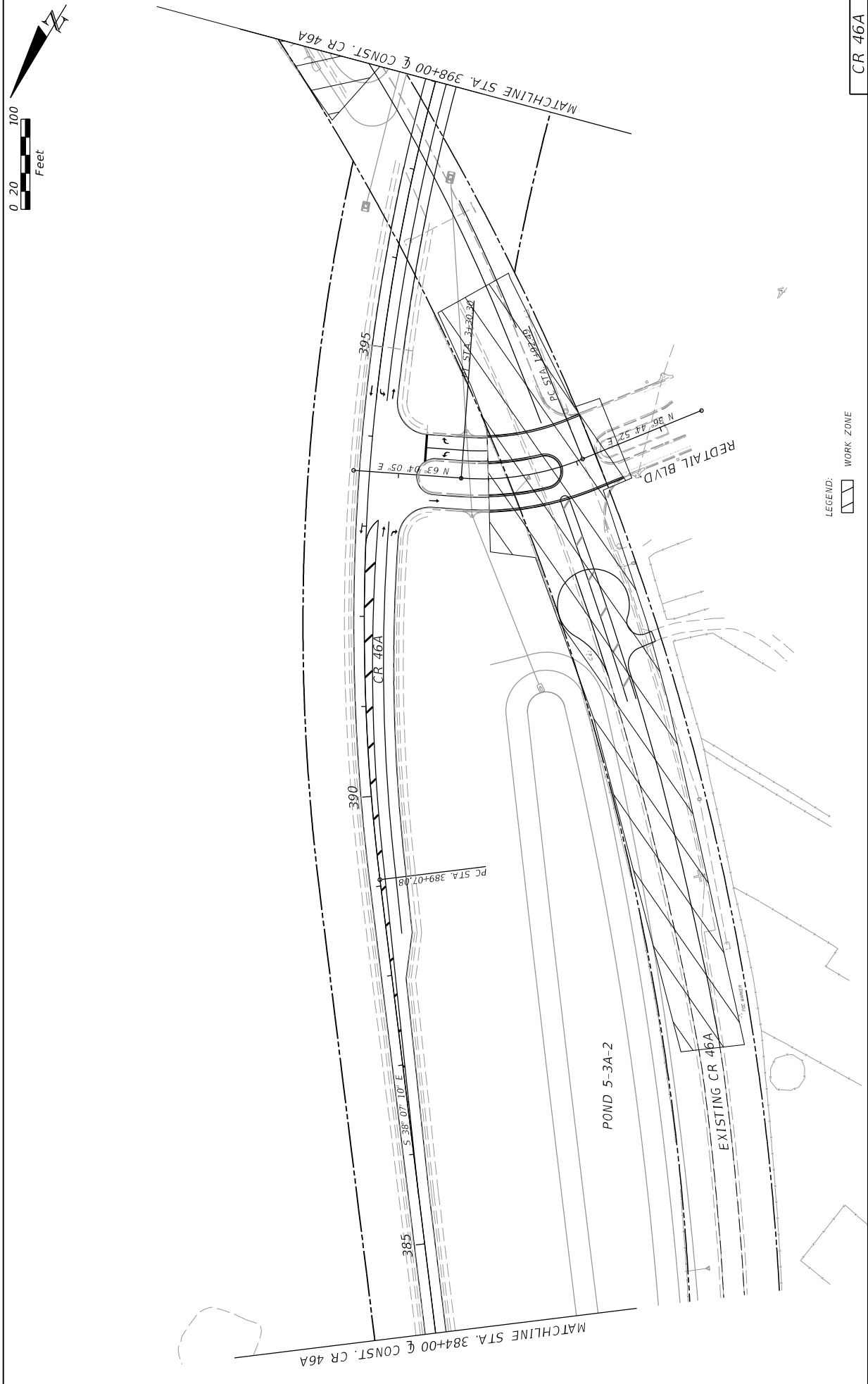


LEGEND: WORK ZONE

DATE		REVISIONS		DESCRIPTION	
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DLANGLADE LEGAL P.E. NUMBER: 69964					
STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION		FINANCIAL PROJECT ID	
ROAD NO.		COUNTY		PROJECT ID	
CR 46A	LAKE	238275-8-52-01		299	
TRAFFIC CONTROL PLANS PHASE III-B					
CR 46A					
SHEET NO.					
299					



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LEGEND:
 WORK ZONE

DATE	REVISIONS	DESCRIPTION

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DANIEL J. LEGG, P.E. P.E. NUMBER: 09964	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A	FINANCIAL PROJECT ID 238275-8-52-01
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COUNTY LAKE	PROJECT ID 238275-8-52-01
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ROAD NO. CR 46A	PROJECT ID 238275-8-52-01
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ROAD NO. CR 46A	PROJECT ID 238275-8-52-01
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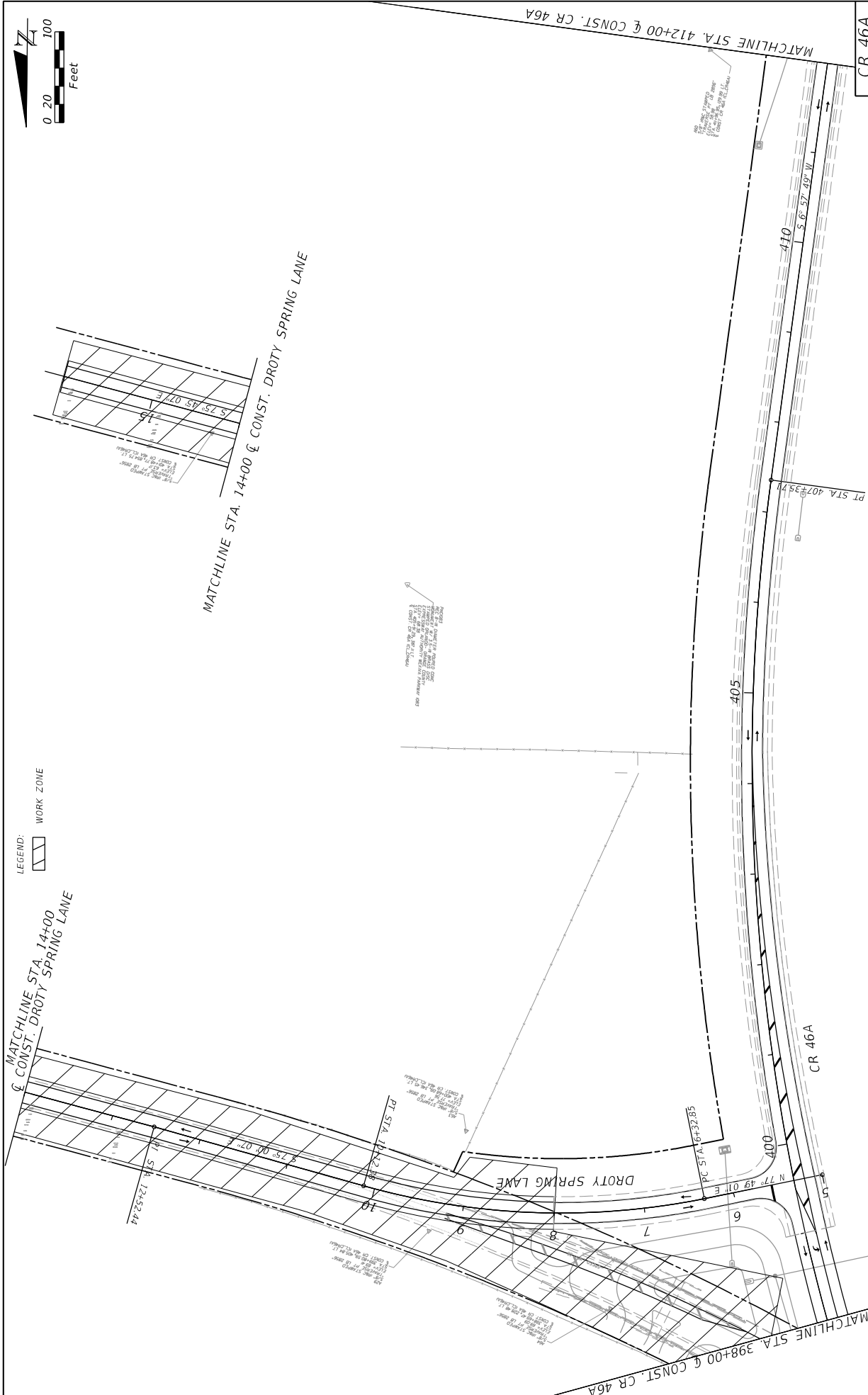
PROJECT ID 238275-8-52-01	PROJECT ID 238275-8-52-01
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CR 46A

TRAFFIC CONTROL PLANS
 PHASE III-B

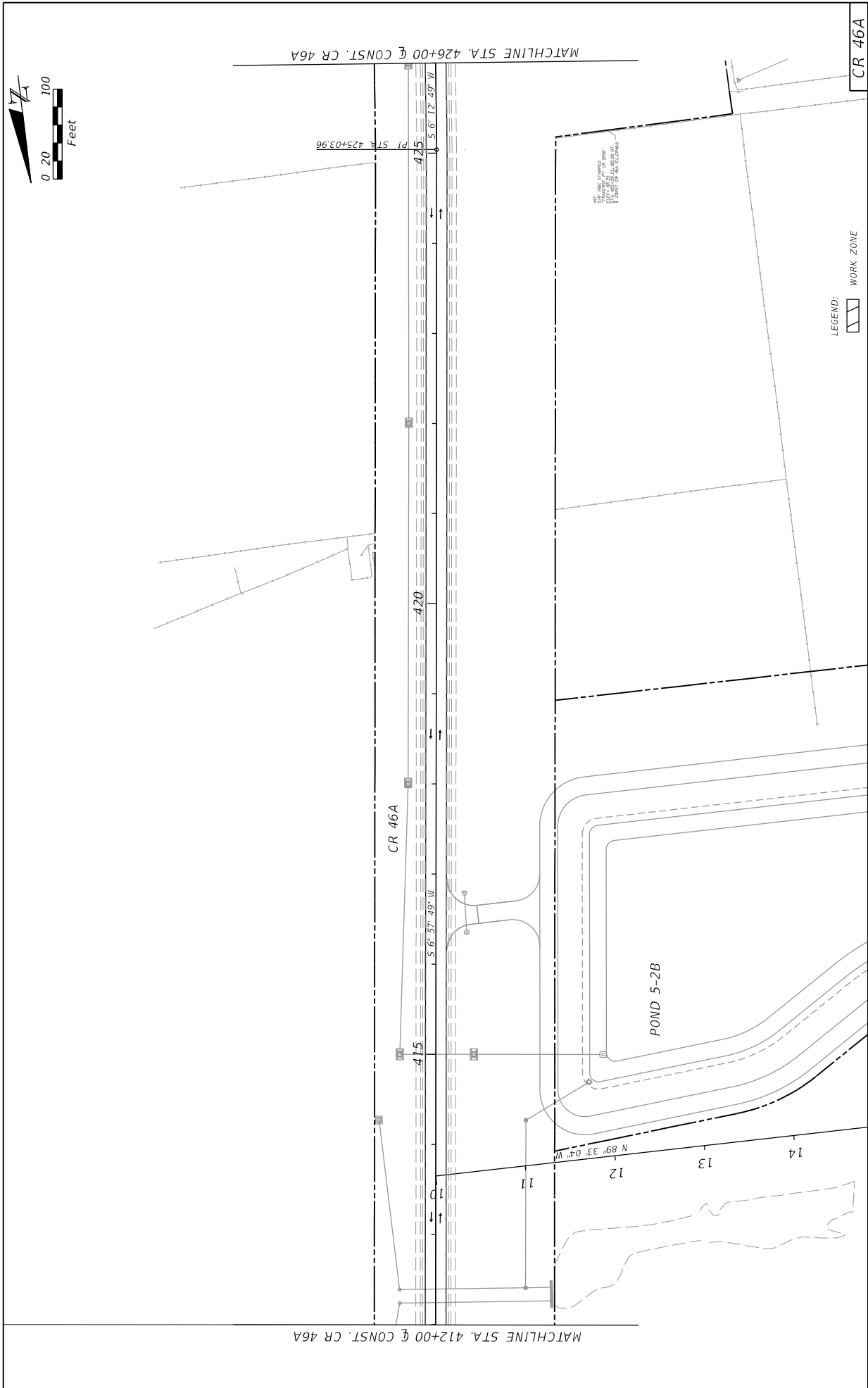
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DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

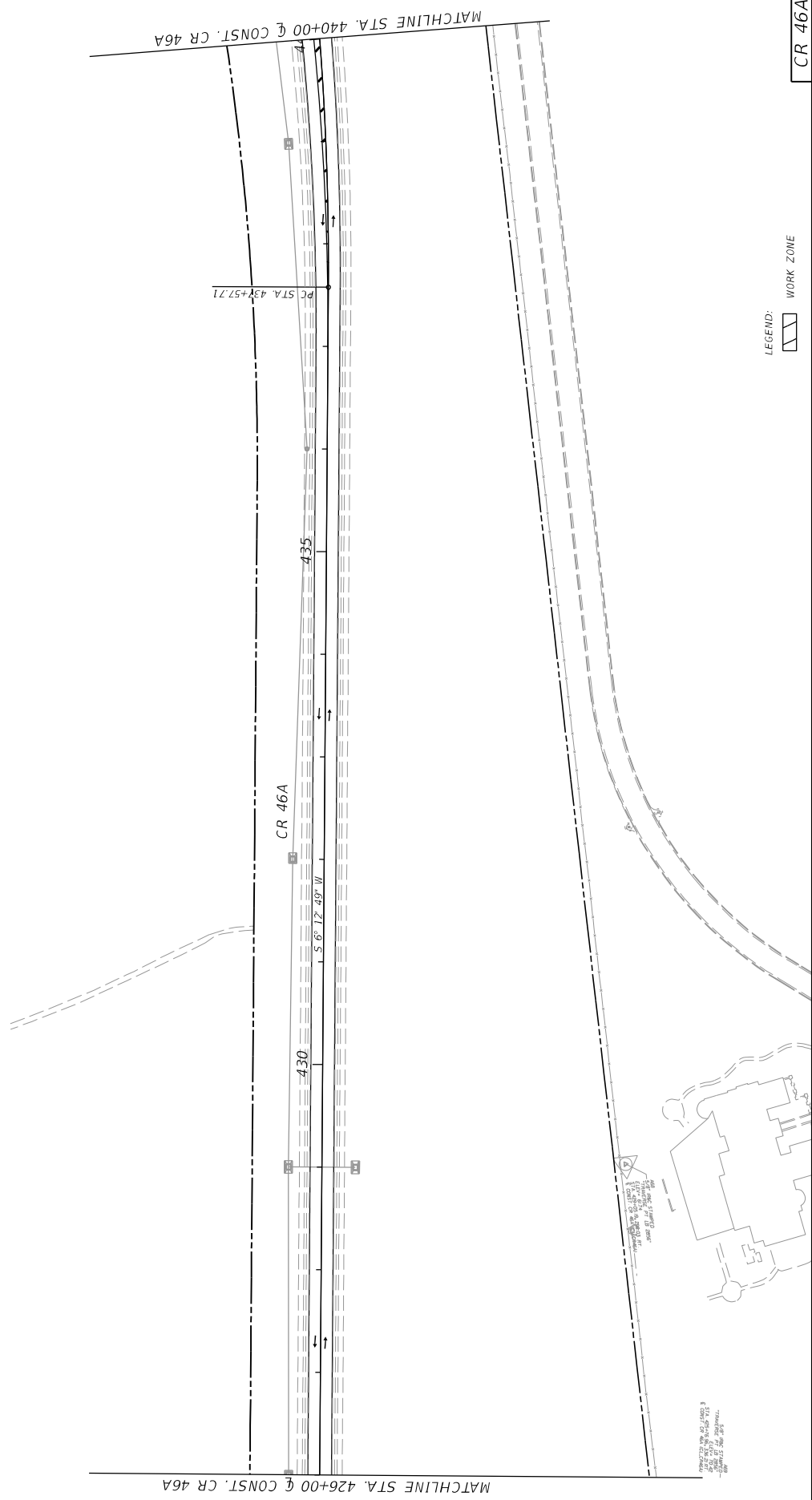
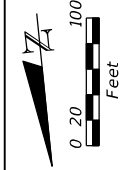
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD D LANGGAL, P.E. P.E. NUMBER: 69864		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01
TRAFFIC CONTROL PLANS PHASE III-B		SHEET NO. 301



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

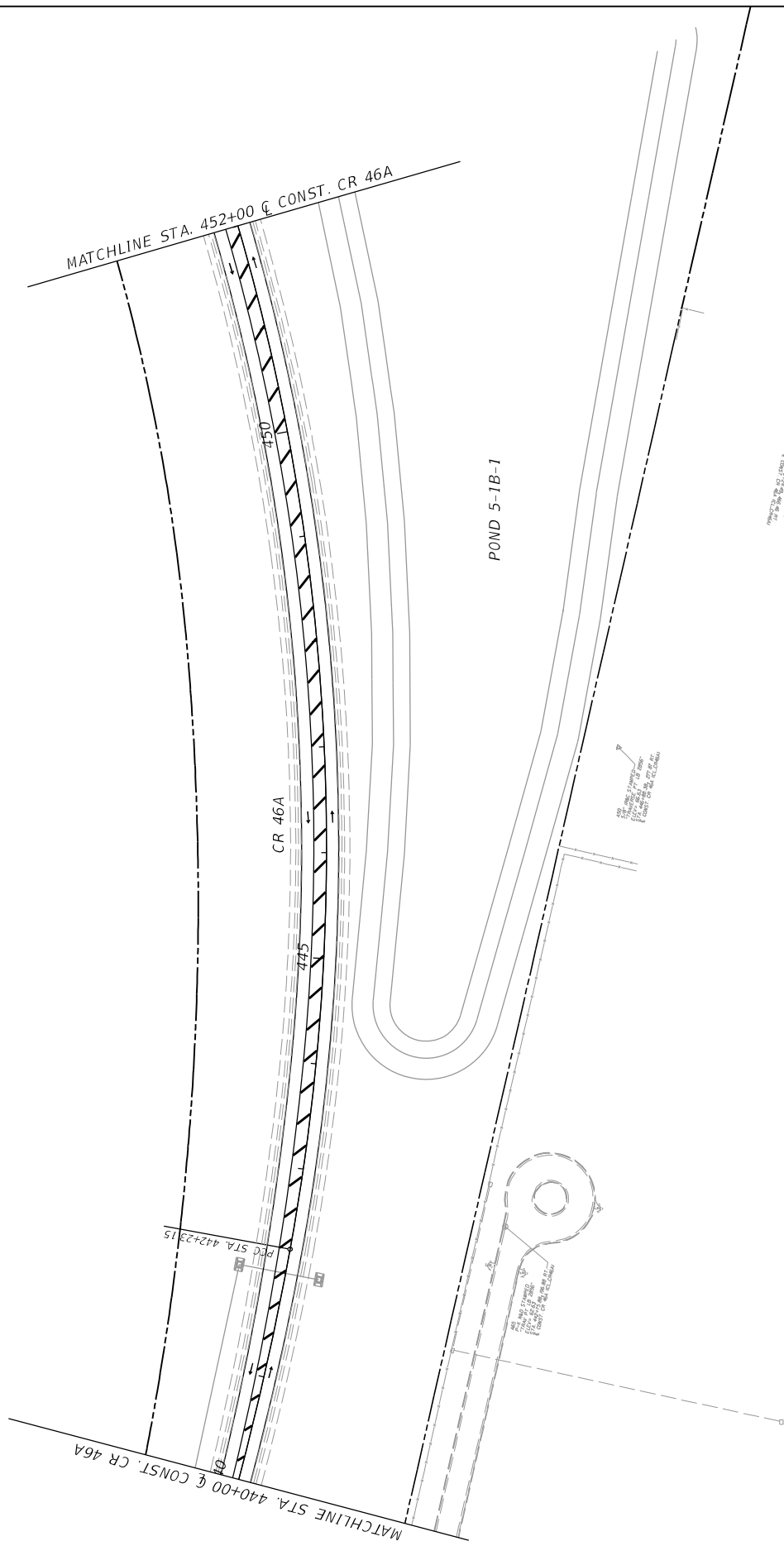
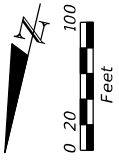
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD D. LANGRISH, P.E. P.E. NUMBER: 69964		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A	COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01
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TRAFFIC CONTROL PLANS PHASE III-B	SHEET NO. 302
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LEGEND: WORK ZONE

DATE		REVISIONS		PREPARED BY:		STATE OF FLORIDA		CR 46A	
DESCRIPTION		DESCRIPTION		CDM Smith		DEPARTMENT OF TRANSPORTATION		TRAFFIC CONTROL PLANS	
DATE		DATE		2301 MAITLAND CENTER PARKWAY, SUITE 300		ROAD NO.		PHASE III-B	
DESCRIPTION		DESCRIPTION		MAITLAND, FL 32751 - PHONE: (407) 860-2552		CR 46A		SHEET NO.	
DATE		DESCRIPTION		ENGINEER OF RECORD		COUNTY		NO.	
DATE		DESCRIPTION		D LANGGISH LEG. E.		LAKE		303	
DATE		DESCRIPTION		P.E. NUMBER: 69964		FINANCIAL PROJECT ID		303	
DATE		DESCRIPTION		P.E. NUMBER: 69964		238275-8-52-01		303	



LEGEND: WORK ZONE

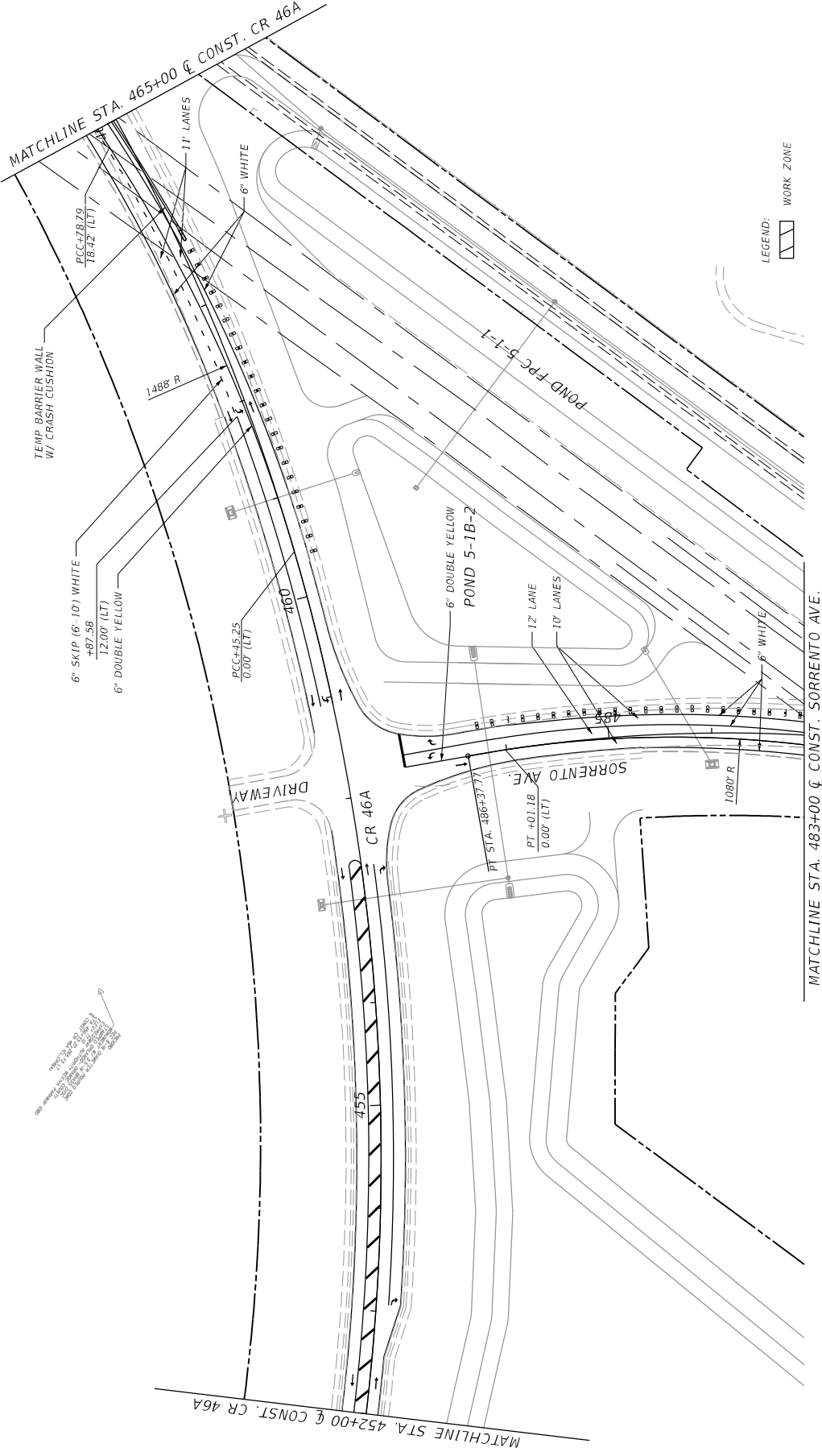
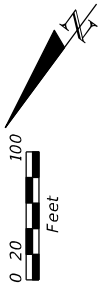
CR 46A
SHEET NO. 304

**TRAFFIC CONTROL PLANS
PHASE III-B**

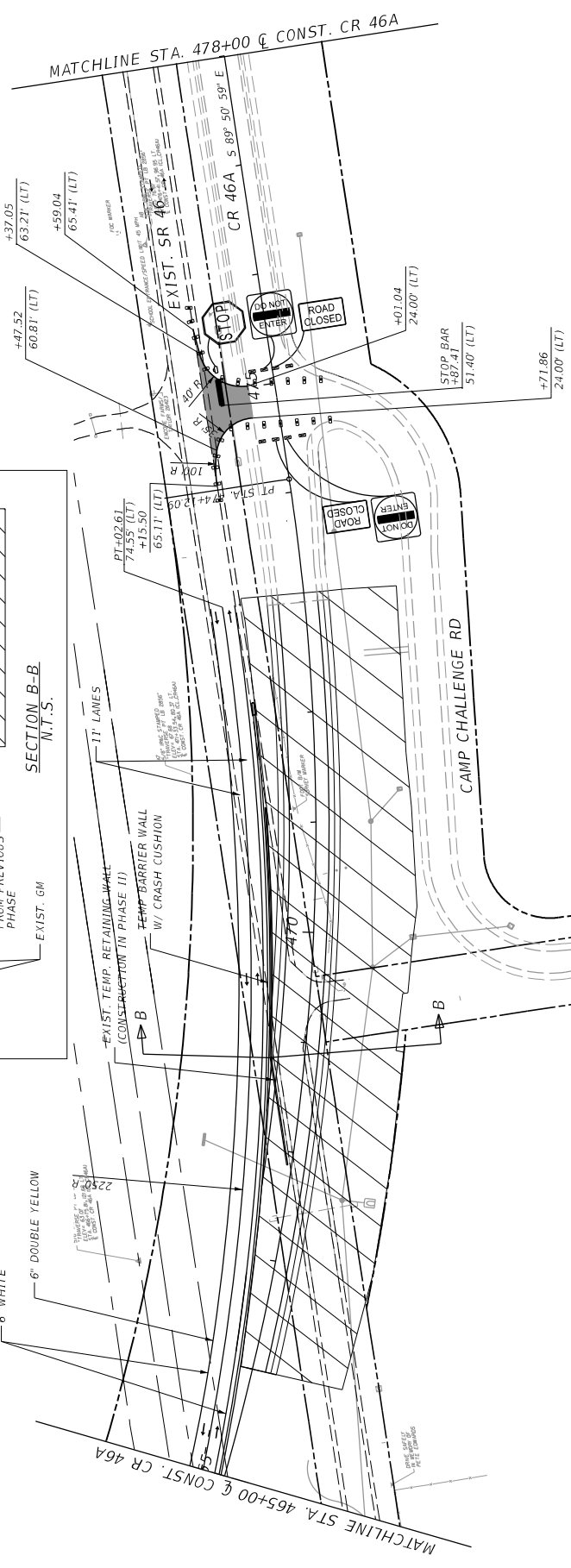
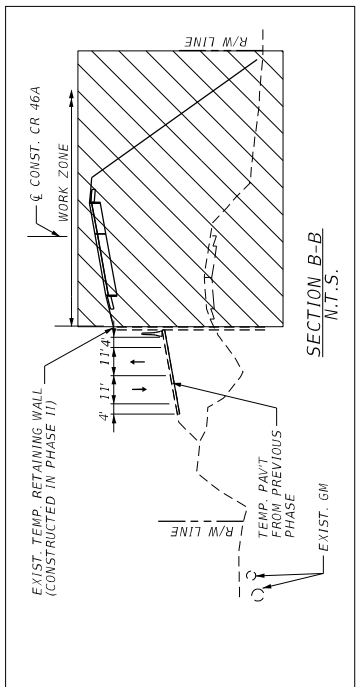
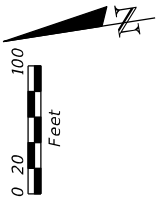
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	
ROAD NO. CR 46A	FINANCIAL PROJECT ID 238275-8-52-01
COUNTY LAKE	

PREPARED BY:
CDM Smith
2301 MAITLAND CENTER PARKWAY, SUITE 300
MAITLAND, FL 32751 - PHONE: (407) 860-2552
ENGINEER OF RECORD
DANIEL L. GIBSON, P.E.
P.E. NUMBER: 63964

REVISIONS	
DATE	DESCRIPTION



DATE		REVISIONS		PREPARED BY:		STATE OF FLORIDA		CR 46A	
DESCRIPTION		DATE		CDM Smith		DEPARTMENT OF TRANSPORTATION		SHEET NO.	
				2301 MAITLAND CENTER PARKWAY, SUITE 300		COUNTY		305	
				MAITLAND, FL 32751 - PHONE: (407) 860-2552		LAKE		TRAFFIC CONTROL PLANS	
				ENGINEER OF RECORD		ROAD NO.		PHASE III-B	
				DANIELLE E.		CR 46A			
				P.E. NUMBER: 03964		238275-8-52-01			
				FINANCIAL PROJECT ID		238275-8-52-01			
				WHEELER TP		11/17/2015			
				©:Projects\CR46A_Realignm\23827585201\ roadway\TC\pr008_ph3b.dgn					



LEGEND: WORK ZONE TEMPORARY PAVEMENT

CR 46A

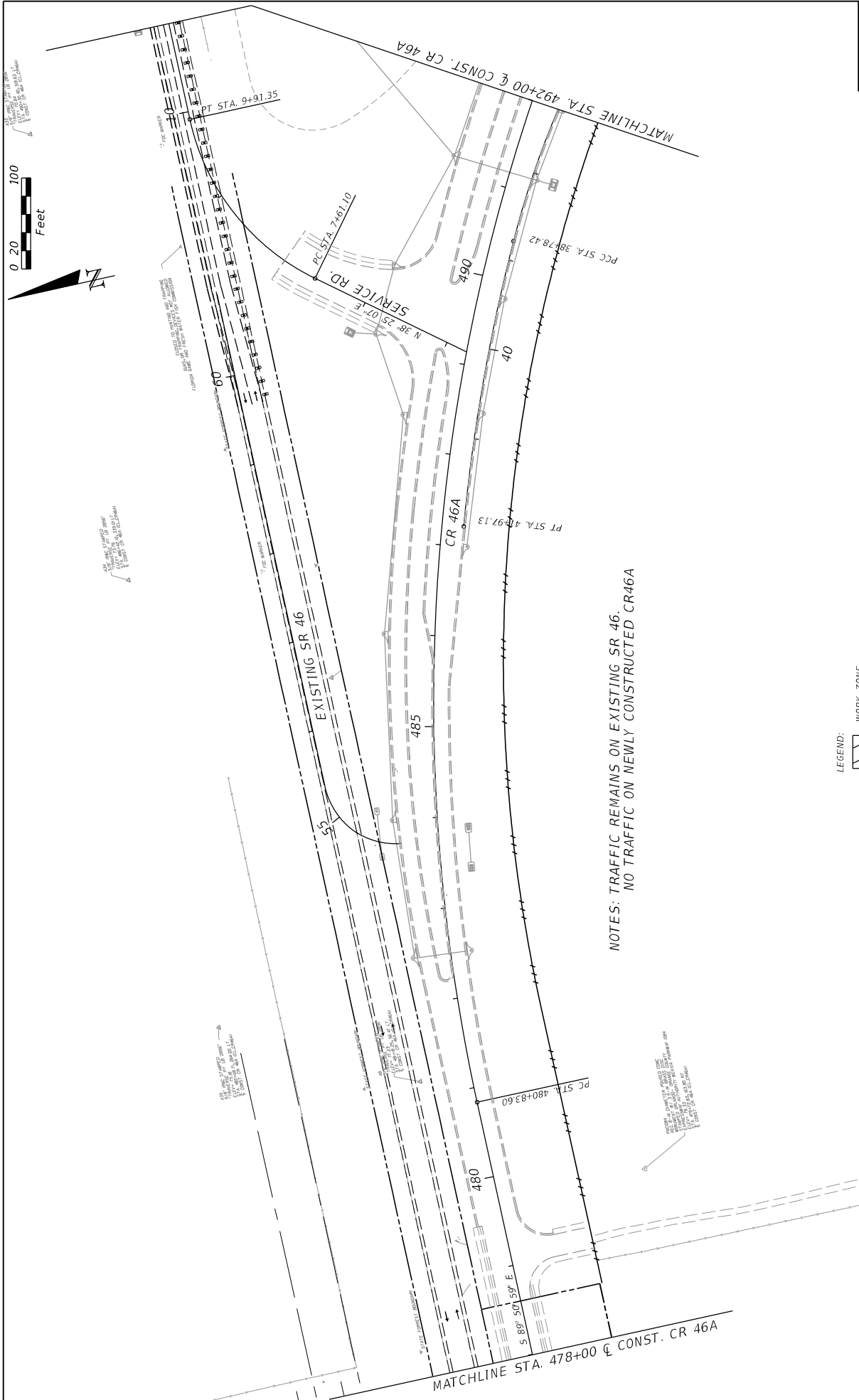
SHEET NO.	306
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**TRAFFIC CONTROL PLANS
PHASE III-B**

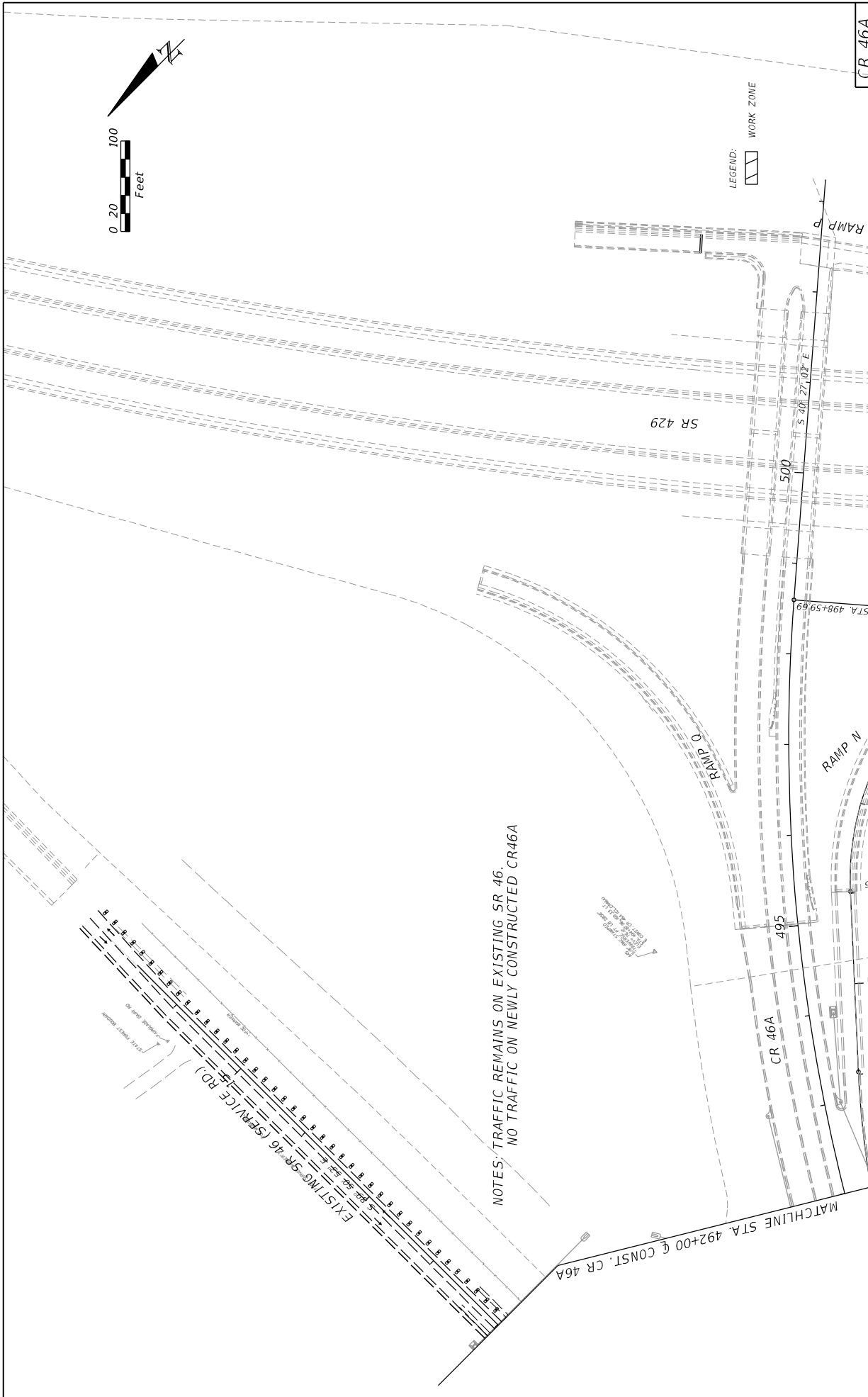
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO. CR 46A	FINANCIAL PROJECT ID 238275-8-52-01
COUNTY LAKE	PROJECT NO. 238275-8-52-01	

PREPARED BY:
CDM Smith
2301 MAITLAND CENTER PARKWAY, SUITE 300
MAITLAND, FL 32751 - PHONE: (407) 860-2552
ENGINEER OF RECORD
DAN MCCALL, P.E.
P.E. NUMBER: 03964

DATE	REVISIONS	DESCRIPTION



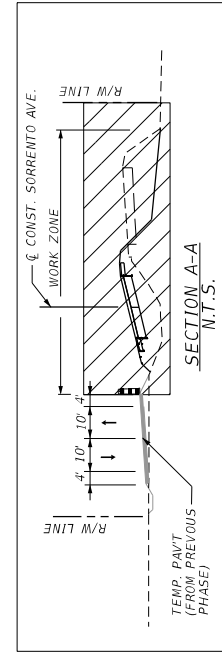
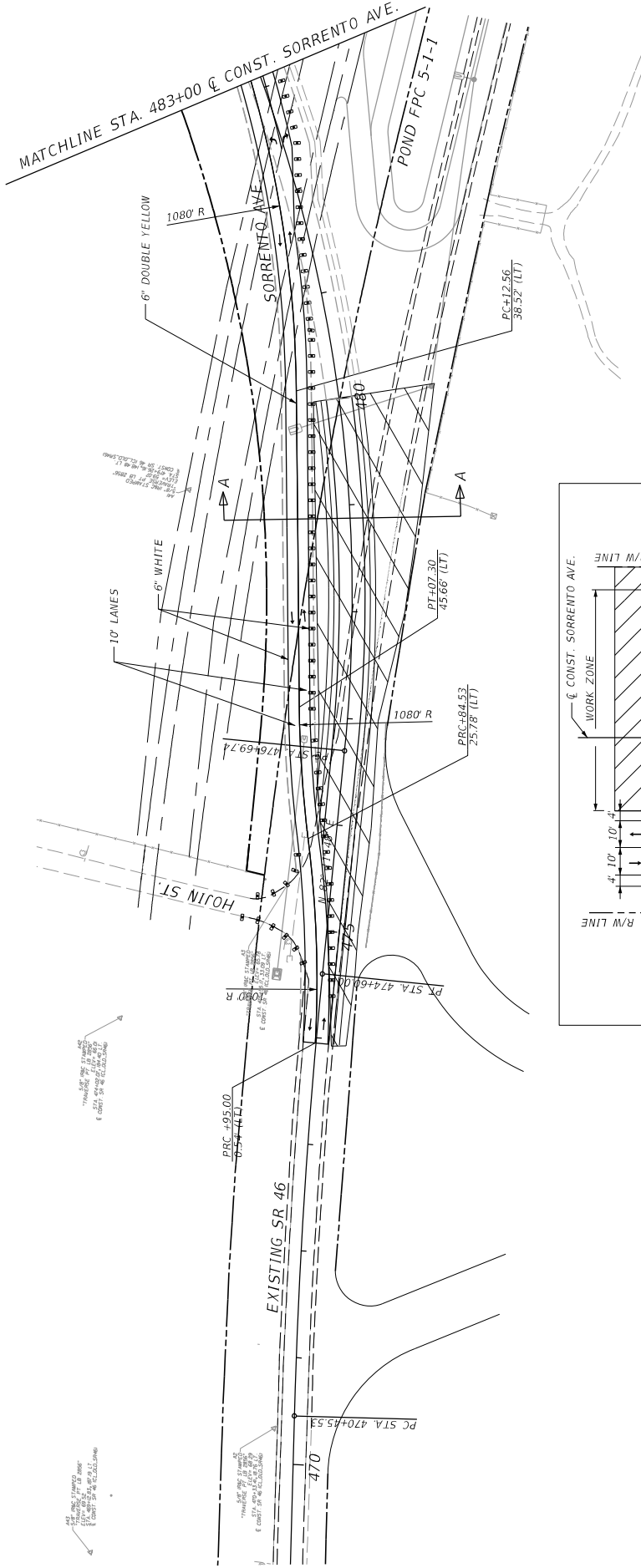
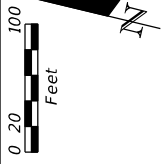
REVISIONS		STATE OF FLORIDA	
DATE	DESCRIPTION	DEPARTMENT OF TRANSPORTATION	ROAD NO.
		COUNTY	LAKE
		FINANCIAL PROJECT ID	238275-8-52-01
		PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DWANGCHAL LEGG, P.E. P.E. NUMBER: 69864	
		LEGEND: WORK ZONE	
		CR 46A TRAFFIC CONTROL PLANS PHASE III-B	
		SHEET NO. 307	



NOTES: TRAFFIC REMAINS ON EXISTING SR 46.
NO TRAFFIC ON NEWLY CONSTRUCTED CR46A

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD DWAN GIBBLE, P.E. P.E. NUMBER: 63964		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01
CR 46A		SHEET NO. 308



LEGEND: WORK ZONE

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

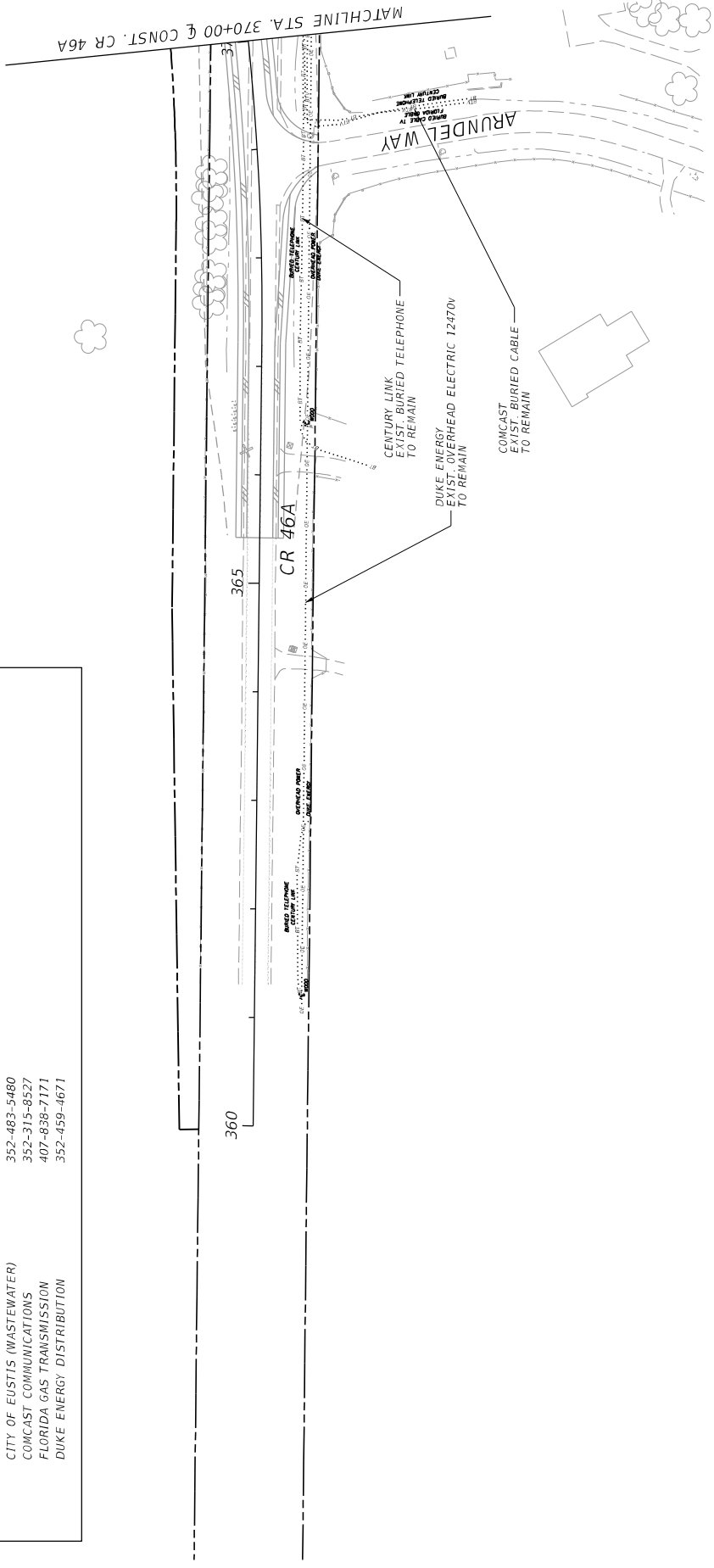
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD D LANGGISH, P.E. P.E. NUMBER: 69864		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01	SHEET NO. 309
PROJECT: 238275-8-52-01 DRAWING: 238275-8-52-01-01		PROJECT TITLE: SORRENTO AVE.	DATE: 11/17/2015



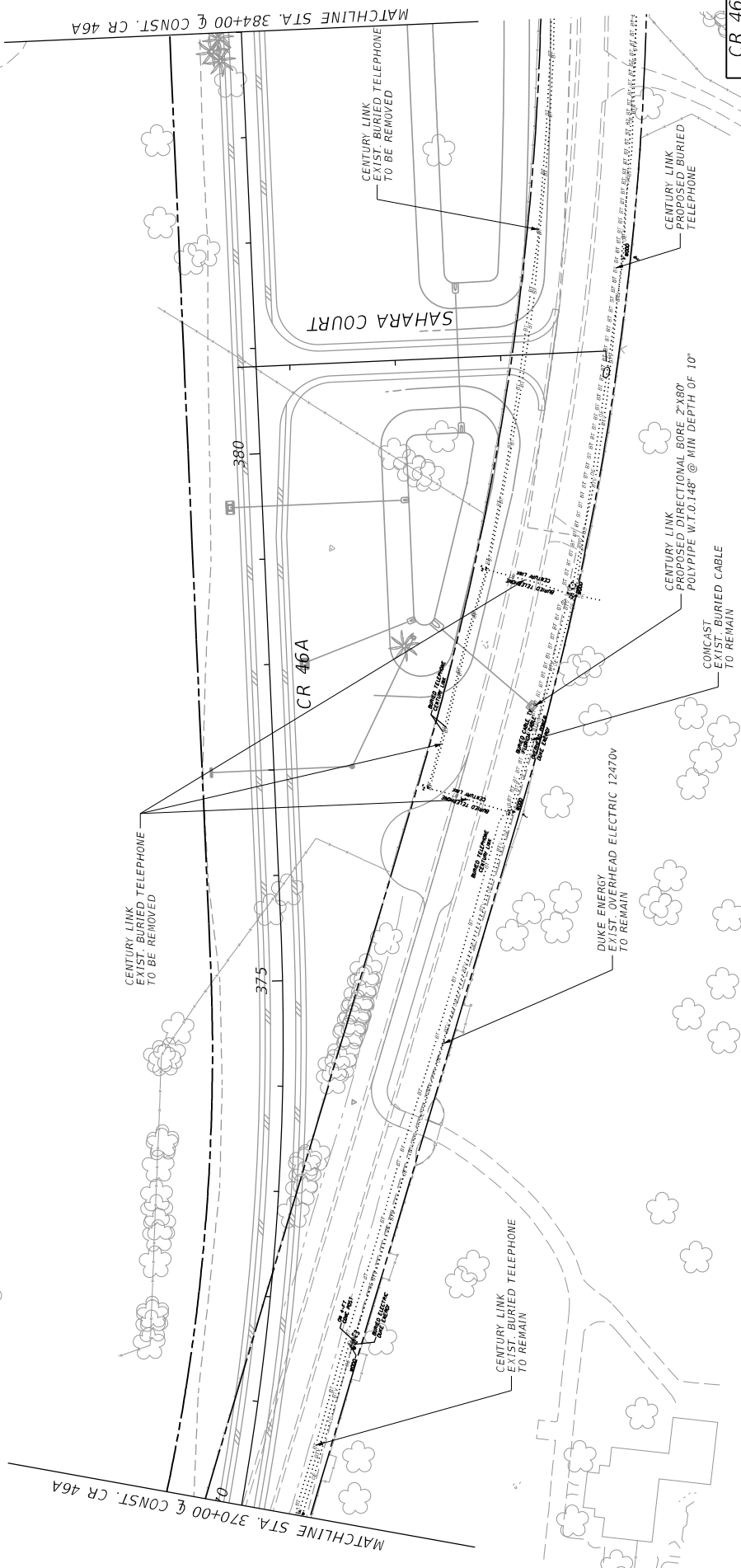
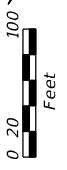
GENERAL NOTES

1. THE LOCATIONS 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:

COMPANIES	TELEPHONE NUMBERS
CENTURY LINK	407-814-5383
CITY OF EUSTIS (WATER)	352-483-5480
CITY OF EUSTIS (WASTEWATER)	352-483-5480
COMCAST COMMUNICATIONS	352-315-8527
FLORIDA GAS TRANSMISSION	407-838-7171
DUKE ENERGY DISTRIBUTION	352-459-4671



CR 46A		UTILITY ADJUSTMENT PLAN		SHEET NO. 310
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		(1)		
ROAD NO. CR 46A	COUNTY LAKE	FINANCIAL PROJECT ID 238275-8-52-01		
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD PAUL O. WEAVER, P.E. P.E. NUMBER: 56982		11/17/2015 2:07:25 PM ©\Projects\CR46A_Realign\Drawings\382758201\util\sp\utilmwd1.dgn		
DATE	REVISIONS	DESCRIPTION		



DATE		REVISIONS		STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION		ROAD NO.		FINANCIAL PROJECT ID		ROAD NO.		COUNTY		LAKE		238275-8-52-01		238275-8-52-01		311	
				PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD PAUL O. MEADE, P.E. P.E. NUMBER: 56882		CR 46A		CR 46A		LAKE		LAKE		LAKE		LAKE		LAKE		LAKE		LAKE	

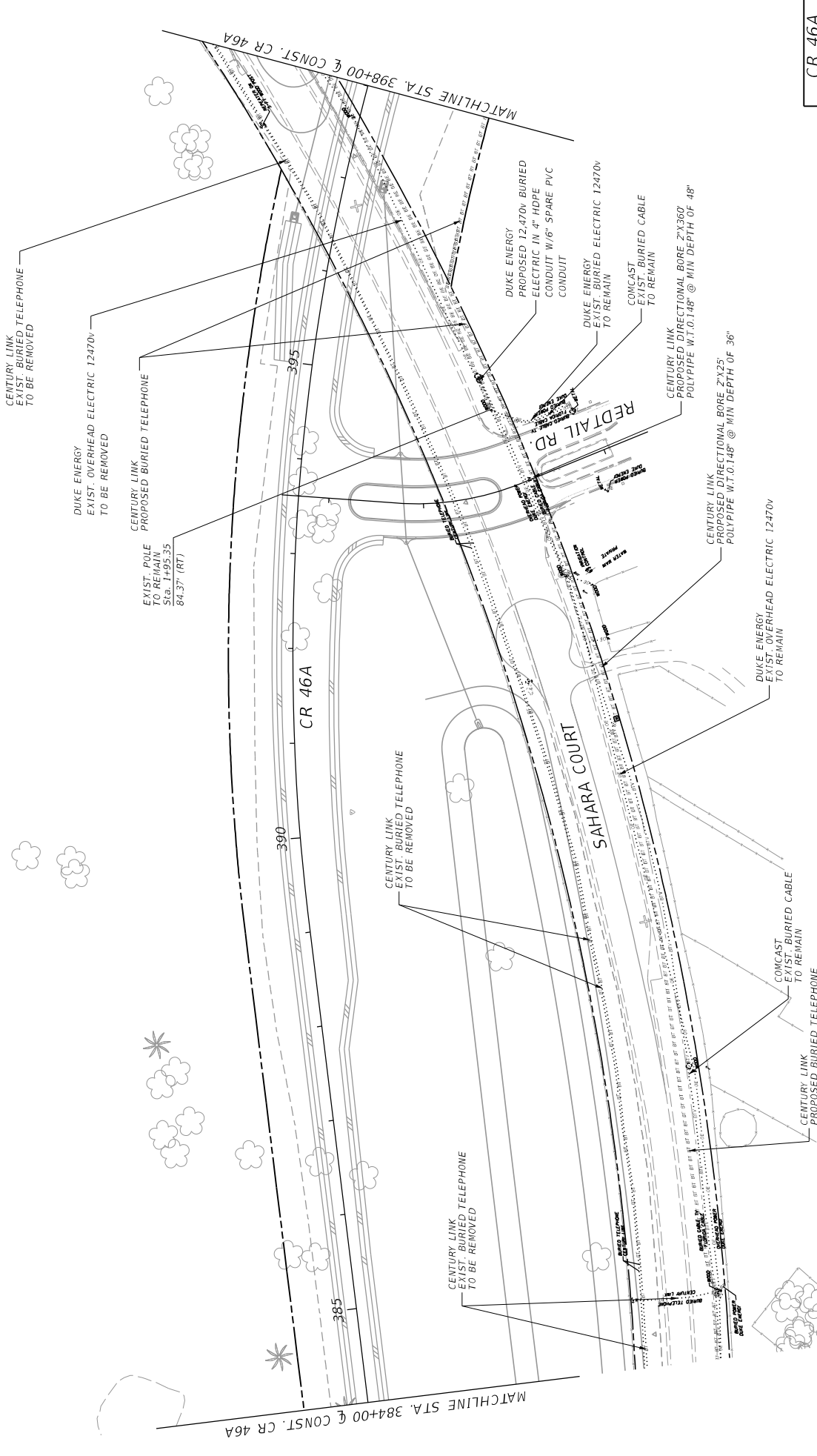
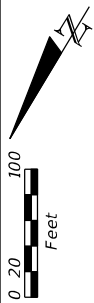
UTILITY ADJUSTMENT PLAN

(2)

CR 46A

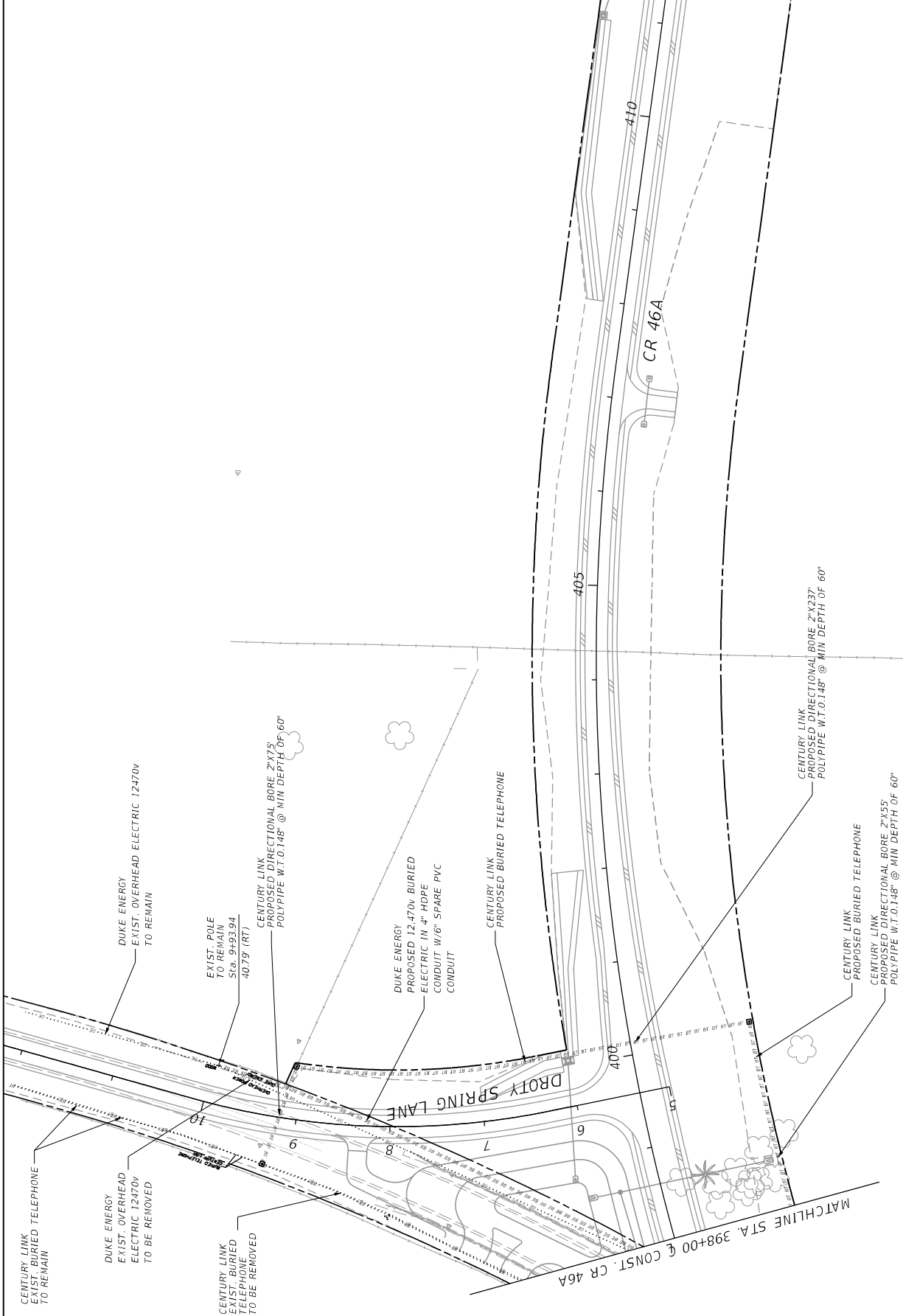
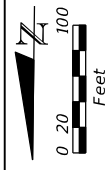
11/17/2015 2:07:29 PM ©\Projects\CR46A_Realignm\23827585201\util\plan\util2.dgn

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DATE	REVISIONS	DESCRIPTION

STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION	ROAD NO.	CR 46A	COUNTY	LAKE	FINANCIAL PROJECT ID	238275-8-52-01
PREPARED BY:		CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD JULIO O. REYES, P.E. P.E. NUMBER: 56882					
PROJECT NO.:		CR 46A					
SHEET NO.:		312					
TITLE:		UTILITY ADJUSTMENT PLAN (5)					
DRAWN BY:		CR 46A					
DATE:		11/17/2015 2:07:33 PM					
PROJECT FILE NO.:		©\Projects\CR46A_Realignm\238275-8-52-01\1115\plm031.dgn					

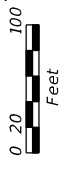
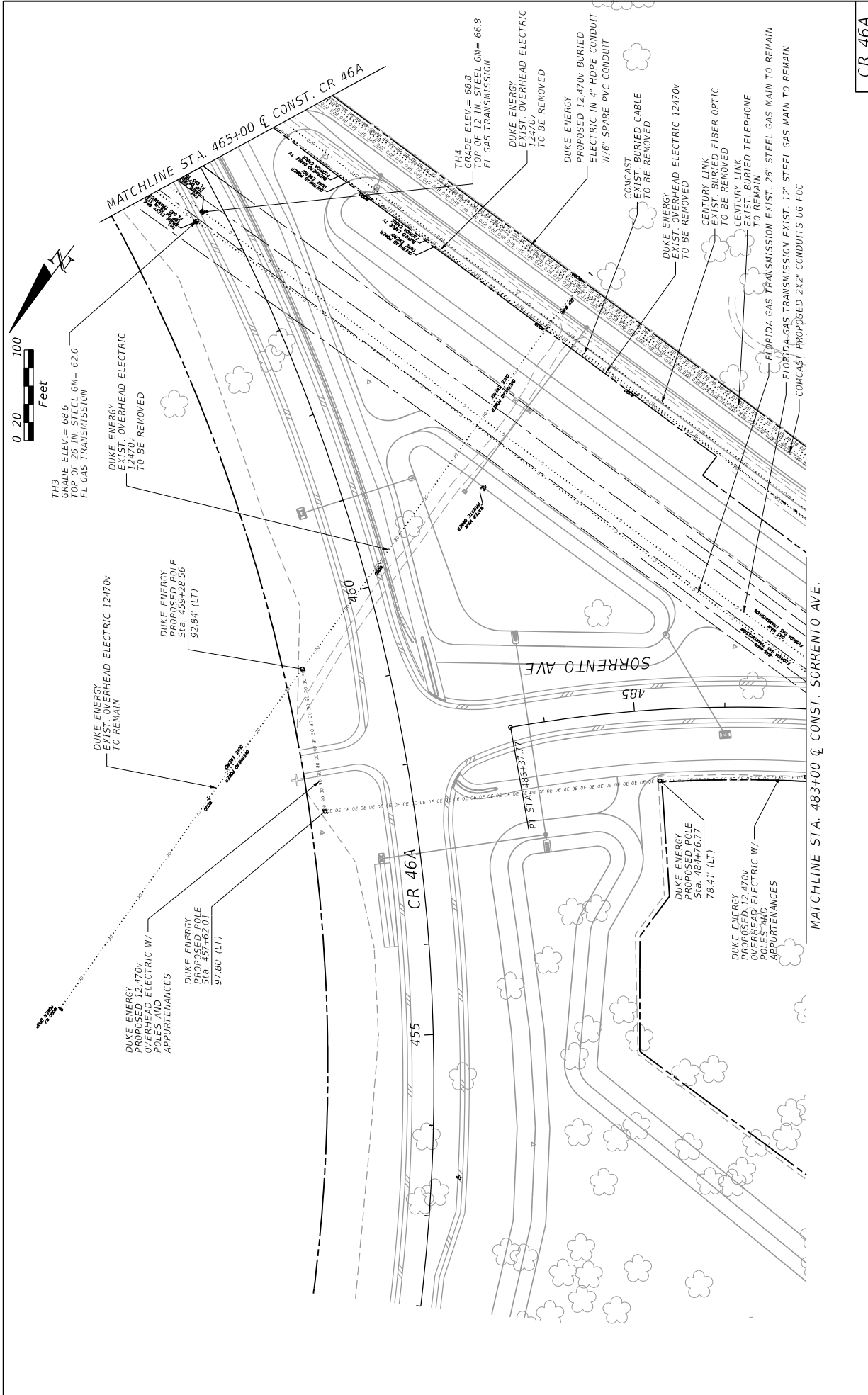


DATE	DESCRIPTION	REVISIONS	DESCRIPTION

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 866-2552 ENGINEER OF RECORD JULIO O. REYES, P.E. P.E. NUMBER: 56882		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01	SHEET NO. 313 (4)
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CR 46A	11/17/2015 2:07:37 PM ©\Projects\CR46A_Realignm\23827585201\util\plan\util.dgn W:\EE\CR46A
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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



TH3
GRADE ELEV = 68.6
TOP OF 26 IN. STEEL GM = 62.0
FL GAS TRANSMISSION

DUKE ENERGY
EXIST. OVERHEAD ELECTRIC
12470V
TO BE REMOVED

DUKE ENERGY
EXIST. OVERHEAD ELECTRIC 12470V
TO REMAIN

DUKE ENERGY
PROPOSED POLE
Sta. 459+26.56
92.84' (LT)

DUKE ENERGY
PROPOSED 12.470V
OVERHEAD ELECTRIC W/
APPURTENANCES

DUKE ENERGY
PROPOSED POLE
Sta. 457+62.01
97.80' (LT)

CR 46A

SORRENTO AVE

DUKE ENERGY
PROPOSED POLE
Sta. 484+76.77
78.41' (LT)

DUKE ENERGY
PROPOSED 12.470V
OVERHEAD ELECTRIC W/
APPURTENANCES

MATCHLINE STA. 483+00 & CONST. SORRENTO AVE.

MATCHLINE STA. 465+00 & CONST. CR 46A

TH4
GRADE ELEV = 68.8
TOP OF 12 IN. STEEL GM = 66.8
FL GAS TRANSMISSION

DUKE ENERGY
EXIST. OVERHEAD ELECTRIC
TO BE REMOVED

DUKE ENERGY
PROPOSED 12.470V BURIED
ELECTRIC IN 4" HDPE CONDUIT
W/6" SPARE PVC CONDUIT

CONCAST
EXIST. BURIED CABLE
TO BE REMOVED

DUKE ENERGY
EXIST. OVERHEAD ELECTRIC 12470V
TO BE REMOVED

CENTURY LINK
EXIST. BURIED FIBER OPTIC
TO BE REMOVED

CENTURY LINK
EXIST. BURIED TELEPHONE
TO REMAIN

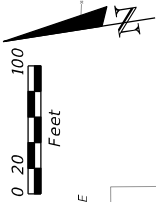
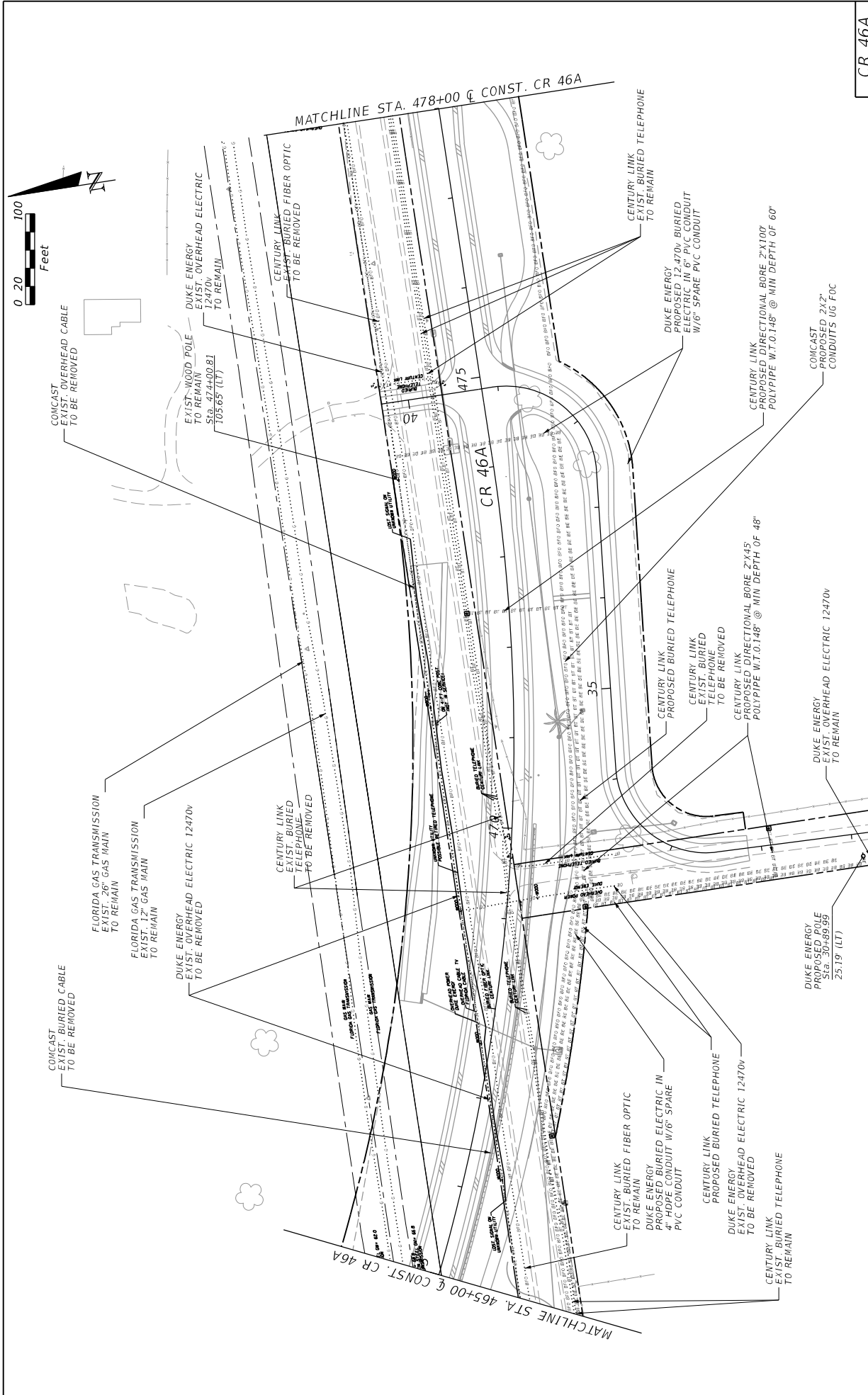
FLORIDA GAS TRANSMISSION EXIST. 26" STEEL GAS MAIN TO REMAIN

FLORIDA GAS TRANSMISSION EXIST. 12" STEEL GAS MAIN TO REMAIN

COMCAST PROPOSED 2X2' CONDUITS UG FOC

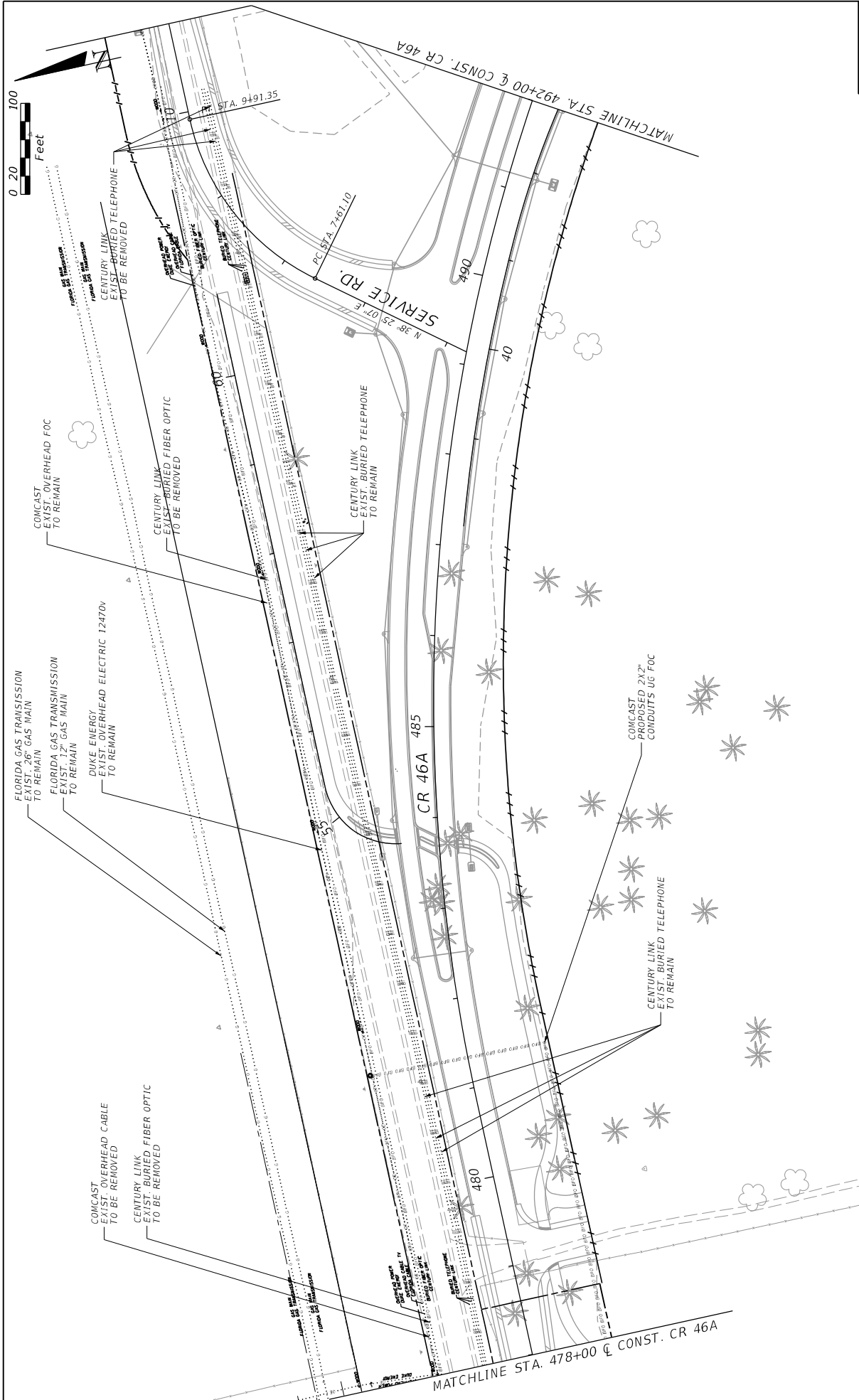
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD PAUL O. WEAVER, P.E. P.E. NUMBER: 56982	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01	CR 46A SHEET NO. 314 (5)
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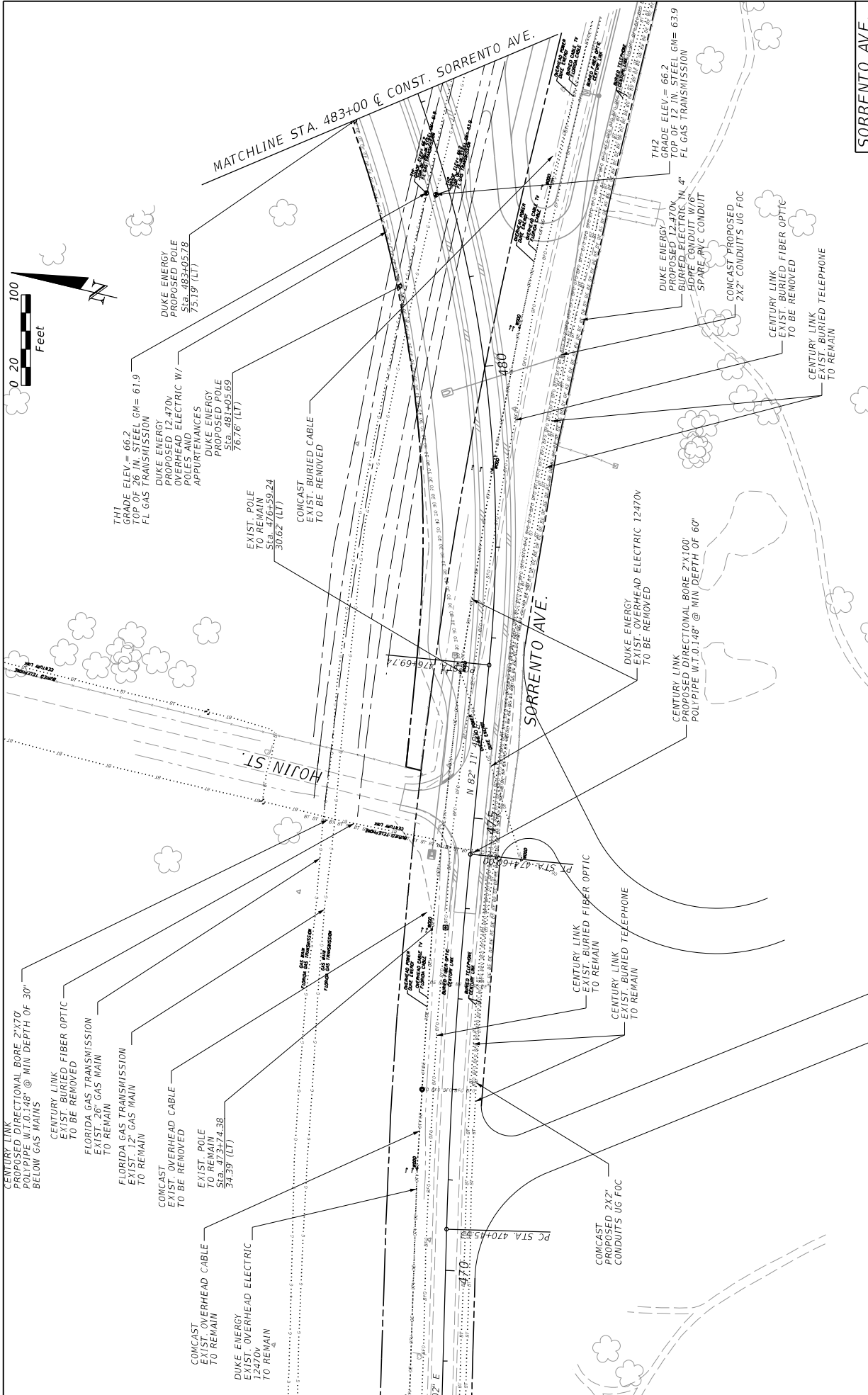


DATE		REVISIONS		DESCRIPTION	
PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD JULIO O. MORALES, P.E. P.E. NUMBER: 56882					
STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION		ROAD NO. CR 46A	
COUNTY LAKE		PROJECT ID 238275-8-52-01		(6)	
CR 46A		SHEET NO.		315	

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DATE		REVISIONS		STATE OF FLORIDA		CR 46A	
DESCRIPTION		DESCRIPTION		DEPARTMENT OF TRANSPORTATION		UTILITY ADJUSTMENT PLAN	
DATE		DATE		ROAD NO.		SHEET NO.	
				CR 46A		316	
				COUNTY		(7)	
				LAKE		238275-8-52-01	
				FINANCIAL PROJECT ID		238275-8-52-01	
				PREPARED BY:		#1472015	
				CDM Smith		2/07/15 PM	
				2301 MAITLAND CENTER PARKWAY, SUITE 300		©:Projects\CR46A_Realign\238275-8-52-01\15\plan\10.dgn	
				MAITLAND, FL 32751 - PHONE: (407) 860-2552			
				ENGINEER OF RECORD			
				JULIO M. REYES, P.E.			
				P.E. NUMBER: 56882			



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PREPARED BY: CDM Smith 2301 MAITLAND CENTER PARKWAY, SUITE 300 MAITLAND, FL 32751 - PHONE: (407) 860-2552 ENGINEER OF RECORD JULIO O. MORALES, P.E. P.E. NUMBER: 56882		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 46A COUNTY LAKE FINANCIAL PROJECT ID 238275-8-52-01
PROJECT NO. 238275-8-52-01 SHEET NO. 317		DATE: 11/17/2015 TIME: 2:07:56 PM FILE: C:\Projects\CR46A_Realign\Drawings\238275-8-52-01\111715.dwg

UTILITY ADJUSTMENT PLAN

(8)

SORRENTO AVE.