

COMPONENTS OF CONTRACT PLANS SET

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- SIGNALIZATION PLANS
- INTELLIGENT TRANSPORTATION SYSTEMS PLANS (NOT INCLUDED)
- LIGHTING PLANS
- STRUCTURES PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

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GOVERNING STANDARDS AND SPECIFICATIONS:
 Florida Department of Transportation, 2015 Design Standards and revised Index Drawings as appended herein, and January 2015 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.
 For Design Standards click on the "Design Standards" link at the following web site:
<http://www.dot.state.fl.us/rddesign/>
 For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site:
<http://www.dot.state.fl.us/specificationsoffice/>

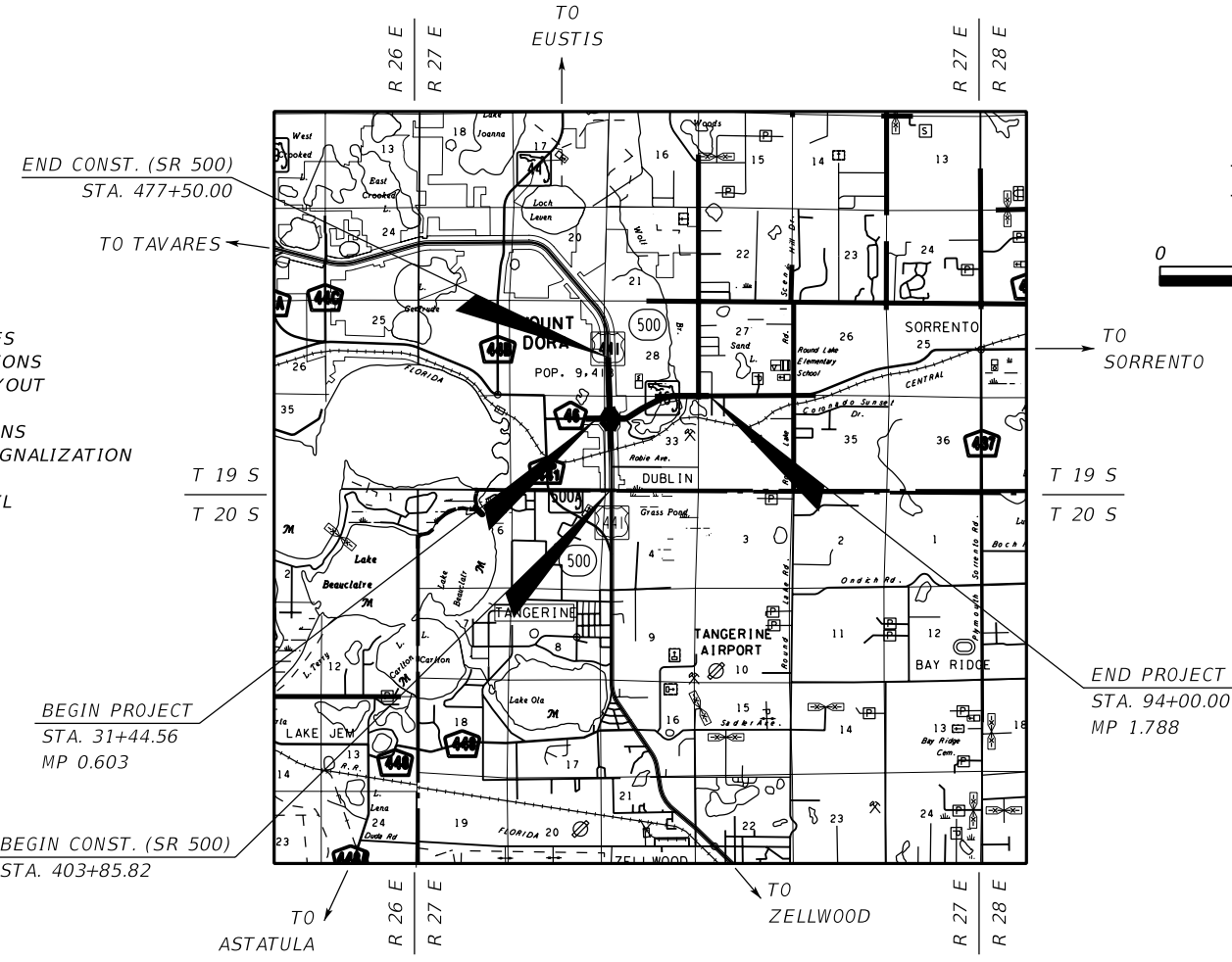
**STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION**

CONTRACT PLANS

FINANCIAL PROJECT ID 238275-2-52-01

LAKE COUNTY (11130)

STATE ROAD NO. 46

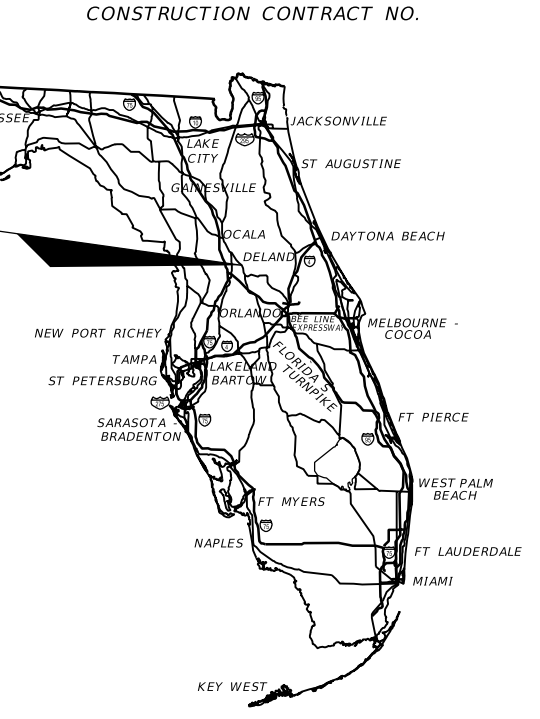


PROJECT LENGTH IS BASED ON Q OF CONSTRUCTION ON SR 46

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	6255.44	1.185
BRIDGES		
NET LENGTH OF PROJECT	6255.44	1.185
EXCEPTIONS		
GROSS LENGTH OF PROJECT	6255.44	1.185

FDOT PROJECT MANAGER: MEDHAT HASSAN, P.E.

KEY SHEET REVISIONS	
DATE	DESCRIPTION



ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:
 JEFFREY A. MESSENGER, P.E.
 MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE. 371
 LAKE MARY, FL 32746

PLANS PREPARED BY:
 MOFFATT & NICHOL
 1025 GREENWOOD BLVD, SUITE 371
 LAKE MARY, FL 32746
 PHONE: (407) 562-2030
 FAX: (407) 562-2031
 CONTRACT NO.: C9862
 VENDOR ID.: F951951343001
 CERT. OF AUTH. NO.: 4877

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.
 NOTE: THIS PROJECT TO BE LET TO CONTRACT WITH FINANCIAL PROJECT ID 238275-3-52-01

PHASE IV SUBMITTAL
 7/2/2015

ROADWAY PLANS
 ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E.

P.E. NO.: 57539

FISCAL YEAR	SHEET NO.
17	1

NOTES TO REVIEWER:

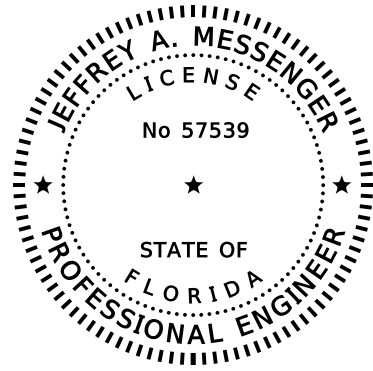
1. THIS PROJECT IS BEING LET WITH ALTERNATE BIDDING. THE CONTRACTOR WILL BE ABLE TO BID ON BOTH A STEEL AND CONCRETE OPTION FOR THE FLYOVER BRIDGE. AS SUCH THERE ARE SEPARATE DOCUMENTS CREATED FOR EACH OPTION.
2. THE WASTEWATER TREATMENT PLANT DRIVEWAY OFF OF SR 500 AT STATION 427+40 IS TO BE CONSTRUCTED PRIOR TO THIS PROJECT. THE DESIGN IS BEING PERFORMED BY OTHERS.
3. MOFFATT & NICHOL IS AWARE OF THE NEW DESIGN STANDARDS AS THEY RELATE TO BIKE LANES. AS AGREED TO WITH THE DEPARTMENT, THESE STANDARDS ARE TO BE IMPLEMENTED WITH THE PLANS UPDATE. THE CROSS SECTIONS, STRIPING, AND PORTIONS OF SR 46 WEST OF POND ROAD WHERE UPDATED AS PART OF ANOTHER SUPPLEMENTAL REQUIRING WORK IN THE AREA. THIS APPROACH WAS TAKEN TO REDUCE REWORK AT THE PLANS UPDATED PHASE.

ADDITIONAL WORK TO BE INCLUDED WITH THE PLANS UPDATE ARE:

ADJUST THE LANE WIDTHS EAST OF POND ROAD TO REFLECT THE NEW 7' BUFFERED BIKE LANES. NOTE, THIS IS ALREADY REFLECTED IN THE TYPICAL SECTIONS AND STRIPING PLANS. THIS EFFORT WILL REQUIRE MODIFICATION TO THE EARTHWORK, DRAINAGE STRUCTURE ELEVATIONS, AND SIDESTREET PROFILES.

4. JULY 1, 2015: THE PAY ITEM FOR PRESTRESSED BEAM-FL U-BEAM, 90", AS WELL AS PAY ITEMS FOR INTELLIGENT TRANSPORTATION SYSTEMS CANNOT BE ENTERED INTO FDOT TRNS*PORT DESIGN INTERFACE, AND WILL BE ADDED AT A LATER DATE.

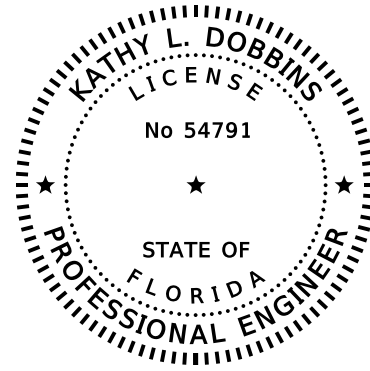
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			NOTES TO REVIEWER	SHEET NO. 1A
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01		



THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.003, F.A.C.

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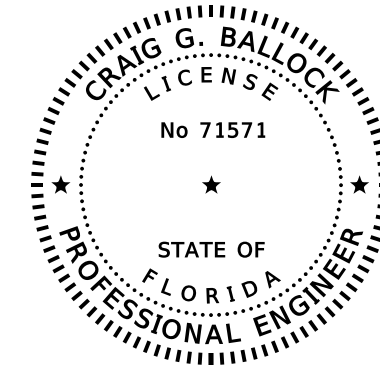
SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
1A	NOTES TO REVIEWER
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9-14	SUMMARY OF PAY ITEMS OPTION B
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SQ-8 - SQ-40	SUMMARY OF QUANTITIES
SQ-42 - SQ-53	SUMMARY OF QUANTITIES
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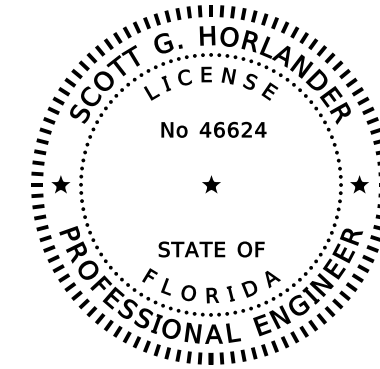
SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
15-20	DRAINAGE MAPS
SQ-4 - SQ-7	SUMMARY OF QUANTITIES
SQ-41, SQ-54	SUMMARY OF QUANTITIES
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119-173	DRAINAGE STRUCTURES
174	DRAINAGE DETAILS
180-187	POND DETAILS
430-487	POND CROSS SECTIONS
488-489	STORMWATER POLLUTION PREVENTION PLAN



THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.003, F.A.C.

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SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
188-195	ROADWAY SOIL SURVEY



THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.003, F.A.C.

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
552-553	TEMPORARY TRAFFIC CONTROL TEMPORARY SIGNALIZATION

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

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01						
LEAD PROJECT : 238275-2-52-01		DISTRICT : 05		COUNTY/SECTION : 11130000		
PROJECT(S) : 23827525201A			COUNTY : LAKE			
0200 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	QUANTITY TOTAL
		0101- 1-	MOBILIZATION	LS	1.000	1.000
		0102- 1-	MAINTENANCE OF TRAFFIC	(LS)	1.000	1.000
		0102- 2- 1	SPECIAL DETOUR 1	LS	1.000	1.000
		0102- 2- 2	SPECIAL DETOUR 2	LS	1.000	1.000
		0102- 2- 3	SPECIAL DETOUR 3	LS	1.000	1.000
		0102- 2- 4	SPECIAL DETOUR 4	LS	1.000	1.000
		0102- 2- 5	SPECIAL DETOUR 5	LS	1.000	1.000
		0102- 2- 6	SPECIAL DETOUR 6	LS	1.000	1.000
		0102- 2- 7	SPECIAL DETOUR 7	LS	1.000	1.000
		0102- 2- 8	SPECIAL DETOUR 8	LS	1.000	1.000
		0102- 3-	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE	CY	52.000	52.000
		0102- 60-	WORK ZONE SIGN	ED	18665.000	18665.000
		0102- 71- 11	BARRIER WALL, TEMPORARY, F&I, CONCRETE	LF	809.000	809.000
		0102- 74- 1	CHANNELIZING DEVICE- TYPES 1, 11, DI, VP, DRUM, OR LCD	ED	330109.000	330109.000
		0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	6490.000	6490.000
		0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	6.000	6.000
		0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	36000.000	36000.000
		0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	660.000	660.000
		0104- 10- 3	SEDIMENT BARRIER	LF	12701.000	12701.000
		0104- 11-	FLOATING TURBIDITY BARRIER	LF	787.000	787.000
		0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	4.000	4.000
		0104- 18-	INLET PROTECTION SYSTEM	EA	135.000	135.000
		0107- 1-	LITTER REMOVAL	AC	2882.740 N	2882.740
		0107- 2-	MOWING	AC	950.390 N	950.390
		0110- 1- 1	CLEARING & GRUBBING	(LS)	1.000	1.000
		0110- 4-	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	10262.000	10262.000
		0120- 1-	REGULAR EXCAVATION	CY	525863.000	525863.000
		0120- 4-	SUBSOIL EXCAVATION	CY	59110.000	59110.000
		0120- 6-	EMBANKMENT	CY	307273.000	307273.000
		0160- 4-	TYPE B STABILIZATION	SY	104539.000	104539.000
		0162- 1- 11	PREPARED SOIL LAYER, FINISH SOIL LAYER, 6"	SY	384.000	384.000
		0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	5255.000	5255.000
		0285-703-	OPTIONAL BASE, BASE GROUP 03	SY	3056.000	3056.000
		0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	123305.000	123305.000
		0286- 1-	TURNOUT CONSTRUCTION	SY	458.000	458.000
		0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	139.000	139.000
		0327- 70- 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	SY	6914.000	6914.000
		0327- 70- 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	SY	18618.000	18618.000
		0327- 70- 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	SY	13832.000	13832.000
		0334- 1- 23	SUPERPAVE ASPH CONC, TRAFFIC C, PG76-22, PMA	TN	18769.400	18769.400

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01						
LEAD PROJECT : 238275-2-52-01		DISTRICT : 05		COUNTY/SECTION : 11130000		
PROJECT(S) : 23827525201A			COUNTY : LAKE			
0200 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	QUANTITY TOTAL
		0337- 7- 22	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22, PMA	TN	3298.800	3298.800
		0337- 7- 42	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22, PMA	TN	24.100	24.100
		0337- 7- 43	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22, PMA	TN	6390.600	6390.600
		0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	28.900	28.900
		0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL	CY	401.000	401.000
		0400- 1- 2	CONCRETE CLASS I, ENDWALLS	CY	37.100	37.100
		0425- 1-311	INLETS, CURB, TYPE P-1, <10'	EA	84.000	84.000
		0425- 1-312	INLETS, CURB TYPE P-1, >10'	EA	1.000	1.000
		0425- 1-315	INLETS, CURB TYPE P-1, PARTIAL	EA	2.000	2.000
		0425- 1-321	INLETS, CURB, TYPE P-2, <10'	EA	10.000	10.000
		0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	2.000	2.000
		0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	2.000	2.000
		0425- 1-411	INLETS, CURB TYPE J-1, <10'	EA	3.000	3.000
		0425- 1-412	INLETS, CURB, TYPE J-1, >10'	EA	2.000	2.000
		0425- 1-422	INLETS, CURB, TYPE J-2, >10'	EA	2.000	2.000
		0425- 1-471	INLETS, CURB, TYPE 7, <10'	EA	11.000	11.000
		0425- 1-521	INLETS, DT BOT, TYPE C,<10'	EA	1.000	1.000
		0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	4.000	4.000
		0425- 1-549	INLETS, DT BOT, TYPE D, MODIFY	EA	13.000	13.000
		0425- 1-561	INLETS, DT BOT, TYPE F, <10'	EA	5.000	5.000
		0425- 1-891	INLETS, BARRIER WALL, <10'	EA	6.000	6.000
		0425- 1-910	INLETS, CLOSED FLUME	EA	3.000	3.000
		0425- 2- 41	MANHOLES, P-7, <10'	EA	10.000	10.000
		0425- 2- 61	MANHOLES, P-8, <10'	EA	5.000	5.000
		0425- 2- 62	MANHOLES, P-8, >10'	EA	1.000	1.000
		0425- 2- 92	MANHOLES, J-8, >10'	EA	8.000	8.000
		0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	8601.000	8601.000
		0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	5959.000	5959.000
		0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	2032.000	2032.000
		0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	1964.000	1964.000
		0430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF	91.000	91.000
		0430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF	40.000	40.000
		0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	12.000	12.000
		0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	7.000	7.000
		0430-982-133	MITERED END SECTION, OPTIONAL ROUND, 30" CD	EA	6.000	6.000
		0430-982-138	MITERED END SECTION, OPTIONAL ROUND, 36" CD	EA	3.000	3.000
		0430-982-140	MITERED END SECTION, OPTIONAL ROUND, 42" CD	EA	1.000	1.000
		0430-984-133	MITERED END SECTION, OPTIONAL ROUND, 30" SD	EA	2.000	2.000
		0436- 1- 1	TRENCH DRAIN, STANDARD	LF	60.000	60.000

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS OPTION A	SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					46	LAKE	238275-2-52-01		

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01						
LEAD PROJECT : 238275-2-52-01		DISTRICT : 05		COUNTY/SECTION : 11130000		
PROJECT(S) : 23827525201A		COUNTY : LAKE				
0200 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	QUANTITY TOTAL
		0515- 2-111	PEDESTRIAN / BICYCLE RAILING, NS, 42" TYPE 1	LF	1003.000	1003.000
		0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	25714.000	25714.000
		0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	15591.000	15591.000
		0520- 2- 4	CONCRETE CURB, TYPE D	LF	192.000	192.000
		0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	801.000	801.000
		0520- 5- 16	TRAFFIC SEPARATOR CONCRETE- TYPE I, 8.5' WIDE	LF	2815.000	2815.000
		0521- 8- 1	CONCRETE TRAFFIC RAILING BARRIER WITH JUNCTION SLAB, 32" F SHAPE	LF	2828.000	2828.000
		0521- 8- 2	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" F SHAPE	LF	919.000	919.000
		0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	12311.000	12311.000
		0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	896.000	896.000
		0524- 1- 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	375.000	375.000
		0527- 2-	DETECTABLE WARNINGS	SF	366.000	366.000
		0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	138.700	138.700
		0536- 1- 1	GUARDRAIL -ROADWAY	LF	525.000	525.000
		0536- 1- 5	GUARDRAIL- ROADWAY, THRIE BEAM	LF	225.000	225.000
		0536- 2-	GUARDRAIL- SHOP-BENT PANELS	LF	38.000	38.000
		0536- 7-	SPECIAL GUARDRAIL POST	EA	20.000	20.000
		0536- 73-	GUARDRAIL REMOVAL	LF	782.000	782.000
		0536- 85- 22	GUARDRAIL END ANCHORAGE ASSEMBLY- FLARED	EA	3.000	3.000
		0536- 85- 25	GUARDRAIL END ANCHORAGE ASSEMBLY- TYPE 11	EA	4.000	4.000
		0536- 85- 26	GUARDRAIL END ANCHORAGE ASSEMBLY- TYPE CRT	EA	1.000	1.000
		0550- 10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	1118.000	1118.000
		0550- 60-235	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 20.1-24' OPENING	EA	1.000	1.000
		0570- 1- 1	PERFORMANCE TURF	SY	116486.000	116486.000
		0570- 1- 2	PERFORMANCE TURF, SOD	SY	128713.000	128713.000
A		0591- 1- 22	IRRIGATION SLEEVE, 2" DIAMETER, PROJECT NUMBER 428383-1-52-01 *** ITEM IS OBSOLETE AS OF 2017-03-30 00:00:00 FOR PROJECT SCHEDULED LETTING DATE 2017-06-14 00:00:00 **	LF	1195.000	1195.000
A		0591- 1- 23	IRRIGATION SLEEVE, 4" DIAMETER, PROJECT NUMBER 428383-1-52-01 *** ITEM IS OBSOLETE AS OF 2017-03-30 00:00:00 FOR PROJECT SCHEDULED LETTING DATE 2017-06-14 00:00:00 **	LF	1290.000	1290.000
A		0591- 1- 26	IRRIGATION SLEEVE, 6" DIAMETER, PROJECT NUMBER 428732-1-52-01 *** ITEM IS OBSOLETE AS OF 2015-07-30 00:00:00 FOR PROJECT SCHEDULED LETTING DATE 2017-06-14 00:00:00 **	LF	170.000	170.000
		0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	19.000	19.000
		0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	2.000	2.000
		0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.170	0.170
		0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	16.000	16.000

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01						
LEAD PROJECT : 238275-2-52-01		DISTRICT : 05		COUNTY/SECTION : 11130000		
PROJECT(S) : 23827525201A		COUNTY : LAKE				
0200 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	QUANTITY TOTAL
		0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	32.000	32.000
		0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID	LS	1.000 N	1.000

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS OPTION A	SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					46	LAKE	238275-2-52-01		

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01						
LEAD PROJECT : 238275-2-52-01		DISTRICT : 05		COUNTY/SECTION : 11130000		
PROJECT(S) : 23827525201A		COUNTY : LAKE				
0300 SUMMARY OF SIGNING						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	QUANTITY TOTAL
		0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	75.000	75.000
		0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	15.000	15.000
		0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	8.000	8.000
		0700- 1- 31	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870, UP TO 12 SF	AS	1.000	1.000
		0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	16.000	16.000
		0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	70.000	70.000
		0700- 2- 13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	2.000	2.000
		0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	1.000	1.000
		0700- 2- 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	1.000	1.000
		0700- 2- 18	MULTI- POST SIGN, F&I GROUND MOUNT, 301-400 SF	AS	2.000	2.000
		0700- 2- 50	MULTI- POST SIGN, F&I GROUND MOUNT, RELOCATE	AS	1.000	1.000
		0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	1.000	1.000
		0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	1.000	1.000
		0700- 3-207	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF	EA	1.000	1.000
		0700- 3-226	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF WITH LIGHTING *** ITEM IS OBSOLETE AS OF 2015-12-31 00:00:00 FOR PROJECT SCHEDULED LETTING DATE 2017-06-14 00:00:00 **	EA	1.000	1.000
		0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	9.000	9.000
		0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000	1.000
		0700- 4-112	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT	EA	1.000	1.000
		0700- 4-114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA	1.000	1.000
		0705- 10- 1	OBJECT MARKER, TYPE 1	EA	3.000	3.000
		0705- 10- 4	OBJECT MARKER, TYPE 4	EA	3.000	3.000
		0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	17.000	17.000
		0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1.000	1.000
		0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	803.000	803.000
		0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	38.000	38.000
		0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROWS	EA	38.000	38.000
		0711- 17-	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF	111.000	111.000
		0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.108	0.108
		0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.104	0.104
		0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.104	0.104

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01						
LEAD PROJECT : 238275-2-52-01		DISTRICT : 05		COUNTY/SECTION : 11130000		
PROJECT(S) : 23827525201A		COUNTY : LAKE				
0400 SUMMARY OF LIGHTING						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	24283.000	24283.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	572.000	572.000
		0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	100.000	100.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	147.000	147.000
		0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	86647.000	86647.000
		0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	13024.000	13024.000
		0715- 4-133	LIGHT POLE COMPLETE, F&I, WIND SPEED 110, POLE HEIGHT 50'	EA	122.000	122.000
		0715- 7- 12	LOAD CENTER, F&I, PRIMARY VOLTAGE	EA	1.000	1.000
		0715- 11-125	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT	EA	5.000	5.000
		0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA	114.000	114.000
		0715-500- 3	POLE CABLE DISTRIBUTION SYSTEM, WALL MOUNT	EA	12.000	12.000
T		0715-516-115	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, POLE TOP MOUNT, ALUMINUM, 15'	EA	4.000	4.000

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

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01						
LEAD PROJECT : 238275-2-52-01		DISTRICT : 05		COUNTY/SECTION : 11130000		
PROJECT(S) : 23827525201A		COUNTY : LAKE				
0500 SUMMARY OF SIGNALIZATION						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	945.000	945.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	198.000	198.000
		0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	717.000	717.000
		0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1.000	1.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	18.000	18.000
		0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	1.000	1.000
		0639- 1-123	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER NOT REQUIRED	AS	1.000	1.000
		0639- 2- 1	ELECTRICAL SERVICE WIRE	LF	106.000	106.000
		0641- 2- 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-11 PEDESTAL	EA	2.000	2.000
		0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	8.000	8.000
		0649- 31-302	MAST ARM,F&I, WIND SPEED-110,SINGLE ARM,W/O LUMINAIRE-46	EA	1.000	1.000
		0649- 31-304	MAST ARM,F&I, WIND SPEED-110,SINGLE ARM,W/O LUMINAIRE-70.5	EA	1.000	1.000
		0650- 1- 14	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	15.000	15.000
		0650- 1- 16	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	4.000	4.000
		0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	8.000	8.000
		0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	1.000	1.000
		0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	6.000	6.000
T		0663- 1-110	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, COMPLETE SYSTEM	EA	1.000	1.000
		0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	8.000	8.000
		0670- 5-111	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION	AS	1.000	1.000
		0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	6.000	6.000
		0695- 6- 12	TRAFFIC MONOTRING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	6.000	6.000
		0695- 7-132	TRAFFIC MONOTRING SITE CABINET, FURNISH & INSTALL, TYPE 3, PEDESTAL MOUNT	EA	1.000	1.000
		0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	6.000	6.000

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01						
LEAD PROJECT : 238275-2-52-01		DISTRICT : 05		COUNTY/SECTION : 11130000		
PROJECT(S) : 23827525201A		COUNTY : LAKE				
0550 SUMMARY OF INTELLIGENT TRANSPORTATION SYSTEM						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	11760.000	11760.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	150.000	150.000
		0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	820.000	820.000
		0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	150.000	150.000
		0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	14270.000	14270.000
		0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	96.000	96.000
		0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	216.000	216.000
		0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	10.000	10.000
		0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	10.000	10.000
		0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	5.000	5.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	8.000	8.000
		0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	26.000	26.000
		0639- 1-112	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER PURCHED BY CONTRACTOR FROM POWER COMPANY	AS	4.000	4.000
		0639- 2- 1	ELECTRICAL SERVICE WIRE	LF	1429.000	1429.000
		0639- 3- 12	ELECTRICAL SERVICE DISCONNECT, F&I, CABINET	EA	5.000	5.000
		0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-11 SERVICE POLE	EA	4.000	4.000
		0641- 3-163	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE , 63'	EA	4.000	4.000
		0641- 3-186	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE , 86'	EA	1.000	1.000
		0660- 3- 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	2.000	2.000
		0660- 3- 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	2.000	2.000
		0676- 2-111	ITS CABINET, FURNISH & INSTALL, POLE MOUNT, 336, 24" W X 36" H X 20" D	EA	5.000	5.000
		0682- 1-133	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP , HIGH DEFINITION	EA	4.000	4.000
		0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	5.000	5.000
		0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	5.000	5.000
		0684- 3- 11	DIGITAL VIDEO ENCODER WITH SOFTWARE DECODER FURNISH & INSTALL HARDENED ENCODER	EA	4.000	4.000
		0685-106-	SYSTEM AUXILIARIES, F&I, UNINTERRUPTIBLE POWER SOURCE	EA	5.000	5.000
		0700- 8-115	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS, MONOCHROME, 51-100 SF	EA	2.000	2.000
		0700- 10-121	DMS SUPPORT STRUCTURE, CANTILEVER, UP TO 20 FT	EA	2.000	2.000

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS OPTION A	SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					46	LAKE	238275-2-52-01		

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01		
LEAD PROJECT : 238275-2-52-01	DISTRICT : 05	COUNTY/SECTION : 11130000
PROJECT(S) : 23827525201A	COUNTY : LAKE	
0100 SUMMARY OF STRUCTURES		

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	23827525201A BR# 110094	QUANTITY TOTAL
		0400- 2- 4	CONC CLASS 11, SUPERSTRUCTURE	CY		114.700	114.700
		0400- 2- 5	CONCRETE CLASS 11, SUBSTRUCTURE	CY		50.400	50.400
		0400- 2- 10	CONCRETE CLASS 11, APPROACH SLABS	CY		96.600	96.600
		0400-147-	COMPOSITE NEOPRENE PADS	CF		2.300	2.300
		0415- 1- 4	REINFORCING STEEL - SUPERSTRUCTURE	LB		30906.000	30906.000
		0415- 1- 5	REINFORCING STEEL- SUBSTRUCTURE	LB		6710.000	6710.000
		0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB		19000.000	19000.000
		0450- 2- 45	PREST BEAMS: FLORIDA-1 BEAM 45"	LF		783.000	783.000
		0455-144- 6	TEST PILES - STEEL, HP 14 X 89	LF		2345.000	2345.000
		0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF		86.000	86.000
		0521- 5- 1	CONCRETE TRAFFIC RAILING, BRIDGE 32" F - SHAPE	LF		316.000	316.000

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS OPTION A	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		7
				46	LAKE	238275-2-52-01			

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
PROJECT(S) : 23827525201A COUNTY : LAKE
0101 SUMMARY OF STRUCTURES

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201A	23827525201A BR# 110095	QUANTITY TOTAL
		0110- 3-	REMOVAL OF EXISTING STRUCTURE	(LS)		1.000	1.000
		0400- 2- 4	CONC CLASS 11, SUPERSTRUCTURE	CY		621.500	621.500
		0400- 2- 10	CONCRETE CLASS 11, APPROACH SLABS	CY		115.000	115.000
		0400- 2- 25	CONCRETE CLASS 11, MASS, SUBSTRUCTURE	CY		436.700	436.700
		0400- 4- 4	CONCRETE CLASS IV, SUPERSTRUCTURE	CY		280.000	280.000
		0400- 9-	BRIDGE DECK GROOVING & PLANING, DECK 8.5">	SY		20843.000	20843.000
		0415- 1- 4	REINFORCING STEEL - SUPERSTRUCTURE	LB		329598.000	329598.000
		0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB		22630.000	22630.000
		0450- 7- 6	CURVED PRECAST SPLICED U-GIRDER, U90-4	LF		860.000	860.000
		0455-143- 5	TEST PILES-PRESTRESSED CONCRETE,24" SQ	LF		3950.000	3950.000
		0458- 1- 12	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I STRIP SEAL	LF		97.000	97.000
		0461-113- 19	MULTIROTATIONAL BEARING ASSEM-FIXED, F&I, >= 2001KIPS	EA		1.000	1.000
		0461-114- 14	MULTIROTATIONAL BEARING ASSEM EXP, F&I, 751- 1000KIPS	EA		4.000	4.000
		0461-114- 19	MULTIROTATIONAL BEARING ASSEM-EXPANSION,F&I, >=2001KIPS	EA		3.000	3.000
		0462- 2- 11	POST TENSIONING TENDONS, SUPERSTRUCTURE STRAND WITH GROUT	LB		156673.000	156673.000
		0521- 5- 2	CONCRETE TRAFFIC RAILING, BRIDGE 42" F - SHAPE	LF		1044.000	1044.000
		0524- 2- 2	CONCRETE SLOPE PAVEMENT, NON REINFORCED, 4"	SY		21.000	21.000
		0548- 12-	RETAINING WALL SYSTEM, PERMANANT, EXCLUDING BARRIER	SF		26196.000	26196.000
T		0715- 50-	LIGHTING, INSIDE BOX GIRDER	LS		1.000	1.000

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS OPTION A	SHEET NO. 8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					46	LAKE	238275-2-52-01		

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01						
LEAD PROJECT : 238275-2-52-01		DISTRICT : 05		COUNTY/SECTION : 11130000		
PROJECT(S) : 23827525201B		COUNTY : LAKE				
0200 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	QUANTITY TOTAL
		0101- 1-	MOBILIZATION	LS	1.000	1.000
		0102- 1-	MAINTENANCE OF TRAFFIC	(LS)	1.000	1.000
		0102- 2- 1	SPECIAL DETOUR 1	LS	1.000	1.000
		0102- 2- 2	SPECIAL DETOUR 2	LS	1.000	1.000
		0102- 2- 3	SPECIAL DETOUR 3	LS	1.000	1.000
		0102- 2- 4	SPECIAL DETOUR 4	LS	1.000	1.000
		0102- 2- 5	SPECIAL DETOUR 5	LS	1.000	1.000
		0102- 2- 6	SPECIAL DETOUR 6	LS	1.000	1.000
		0102- 2- 7	SPECIAL DETOUR 7	LS	1.000	1.000
		0102- 2- 8	SPECIAL DETOUR 8	LS	1.000	1.000
		0102- 3-	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE	CY	52.000	52.000
		0102- 60-	WORK ZONE SIGN	ED	18665.000	18665.000
		0102- 71- 11	BARRIER WALL, TEMPORARY, F&I, CONCRETE	LF	809.000	809.000
		0102- 74- 1	CHANNELIZING DEVICE- TYPES 1, 11, DI, VP, DRUM, OR LCD	ED	330109.000	330109.000
		0102- 74- 2	CHANNELIZING DEVICE, TYPE 111, 6'	ED	6490.000	6490.000
		0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	6.000	6.000
		0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	36000.000	36000.000
		0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	660.000	660.000
		0104- 10- 3	SEDIMENT BARRIER	LF	12701.000	12701.000
		0104- 11-	FLOATING TURBIDITY BARRIER	LF	787.000	787.000
		0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	4.000	4.000
		0104- 18-	INLET PROTECTION SYSTEM	EA	135.000	135.000
		0107- 1-	LITTER REMOVAL	AC	2882.740 N	2882.740
		0107- 2-	MOWING	AC	950.390 N	950.390
		0110- 1- 1	CLEARING & GRUBBING	(LS)	1.000	1.000
		0110- 4-	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	10262.000	10262.000
		0120- 1-	REGULAR EXCAVATION	CY	525863.000	525863.000
		0120- 4-	SUBSOIL EXCAVATION	CY	59110.000	59110.000
		0120- 6-	EMBANKMENT	CY	307273.000	307273.000
		0160- 4-	TYPE B STABILIZATION	SY	104539.000	104539.000
		0162- 1- 11	PREPARED SOIL LAYER, FINISH SOIL LAYER, 6"	SY	384.000	384.000
		0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	5255.000	5255.000
		0285-703-	OPTIONAL BASE, BASE GROUP 03	SY	3056.000	3056.000
		0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	123305.000	123305.000
		0286- 1-	TURNOUT CONSTRUCTION	SY	458.000	458.000
		0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	139.000	139.000
		0327- 70- 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	SY	6914.000	6914.000
		0327- 70- 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	SY	18618.000	18618.000
		0327- 70- 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	SY	13832.000	13832.000
		0334- 1- 23	SUPERPAVE ASPH CONC, TRAFFIC C, PG76-22, PMA	TN	18769.400	18769.400

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01						
LEAD PROJECT : 238275-2-52-01		DISTRICT : 05		COUNTY/SECTION : 11130000		
PROJECT(S) : 23827525201B		COUNTY : LAKE				
0200 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	QUANTITY TOTAL
		0337- 7- 22	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22, PMA	TN	3298.800	3298.800
		0337- 7- 42	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22, PMA	TN	24.100	24.100
		0337- 7- 43	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22, PMA	TN	6390.600	6390.600
		0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	28.900	28.900
		0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL	CY	401.000	401.000
		0400- 1- 2	CONCRETE CLASS I, ENDWALLS	CY	37.100	37.100
		0425- 1-311	INLETS, CURB, TYPE P-1, <10'	EA	84.000	84.000
		0425- 1-312	INLETS, CURB TYPE P-1, >10'	EA	1.000	1.000
		0425- 1-315	INLETS, CURB TYPE P-1, PARTIAL	EA	2.000	2.000
		0425- 1-321	INLETS, CURB, TYPE P-2, <10'	EA	10.000	10.000
		0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	2.000	2.000
		0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	2.000	2.000
		0425- 1-411	INLETS, CURB TYPE J-1, <10'	EA	3.000	3.000
		0425- 1-412	INLETS, CURB, TYPE J-1, >10'	EA	2.000	2.000
		0425- 1-422	INLETS, CURB, TYPE J-2, >10'	EA	2.000	2.000
		0425- 1-471	INLETS, CURB, TYPE 7, <10'	EA	11.000	11.000
		0425- 1-521	INLETS, DT BOT, TYPE C,<10'	EA	1.000	1.000
		0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	4.000	4.000
		0425- 1-549	INLETS, DT BOT, TYPE D, MODIFY	EA	13.000	13.000
		0425- 1-561	INLETS, DT BOT, TYPE F, <10'	EA	5.000	5.000
		0425- 1-891	INLETS, BARRIER WALL, <10'	EA	6.000	6.000
		0425- 1-910	INLETS, CLOSED FLUME	EA	3.000	3.000
		0425- 2- 41	MANHOLES, P-7, <10'	EA	10.000	10.000
		0425- 2- 61	MANHOLES, P-8, <10'	EA	5.000	5.000
		0425- 2- 62	MANHOLES, P-8, >10'	EA	1.000	1.000
		0425- 2- 92	MANHOLES, J-8, >10'	EA	8.000	8.000
		0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	8601.000	8601.000
		0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	5959.000	5959.000
		0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	2032.000	2032.000
		0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	1964.000	1964.000
		0430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF	91.000	91.000
		0430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF	40.000	40.000
		0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	12.000	12.000
		0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	7.000	7.000
		0430-982-133	MITERED END SECTION, OPTIONAL ROUND, 30" CD	EA	6.000	6.000
		0430-982-138	MITERED END SECTION, OPTIONAL ROUND, 36" CD	EA	3.000	3.000
		0430-982-140	MITERED END SECTION, OPTIONAL ROUND, 42" CD	EA	1.000	1.000
		0430-984-133	MITERED END SECTION, OPTIONAL ROUND, 30" SD	EA	2.000	2.000
		0436- 1- 1	TRENCH DRAIN, STANDARD	LF	60.000	60.000

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS OPTION B	SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					46	LAKE	238275-2-52-01		

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01						
LEAD PROJECT : 238275-2-52-01		DISTRICT : 05		COUNTY/SECTION : 11130000		
PROJECT(S) : 23827525201B		COUNTY : LAKE				
0200 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	QUANTITY TOTAL
		0515- 2-111	PEDESTRIAN / BICYCLE RAILING, NS, 42" TYPE 1	LF	1003.000	1003.000
		0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	25714.000	25714.000
		0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	15591.000	15591.000
		0520- 2- 4	CONCRETE CURB, TYPE D	LF	192.000	192.000
		0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	801.000	801.000
		0520- 5- 16	TRAFFIC SEPARATOR CONCRETE- TYPE I, 8.5' WIDE	LF	2815.000	2815.000
		0521- 8- 1	CONCRETE TRAFFIC RAILING BARRIER WITH JUNCTION SLAB, 32" F SHAPE	LF	2828.000	2828.000
		0521- 8- 2	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" F SHAPE	LF	919.000	919.000
		0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	12311.000	12311.000
		0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	896.000	896.000
		0524- 1- 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	375.000	375.000
		0527- 2-	DETECTABLE WARNINGS	SF	366.000	366.000
		0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	138.700	138.700
		0536- 1- 1	GUARDRAIL -ROADWAY	LF	525.000	525.000
		0536- 1- 5	GUARDRAIL- ROADWAY, THRIE BEAM	LF	225.000	225.000
		0536- 2-	GUARDRAIL- SHOP-BENT PANELS	LF	38.000	38.000
		0536- 7-	SPECIAL GUARDRAIL POST	EA	20.000	20.000
		0536- 73-	GUARDRAIL REMOVAL	LF	782.000	782.000
		0536- 85- 22	GUARDRAIL END ANCHORAGE ASSEMBLY- FLARED	EA	3.000	3.000
		0536- 85- 25	GUARDRAIL END ANCHORAGE ASSEMBLY- TYPE 11	EA	4.000	4.000
		0536- 85- 26	GUARDRAIL END ANCHORAGE ASSEMBLY- TYPE CRT	EA	1.000	1.000
		0550- 10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	1118.000	1118.000
		0550- 60-235	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 20.1-24' OPENING	EA	1.000	1.000
		0570- 1- 1	PERFORMANCE TURF	SY	116486.000	116486.000
		0570- 1- 2	PERFORMANCE TURF, SOD	SY	128713.000	128713.000
A		0591- 1- 22	IRRIGATION SLEEVE, 2" DIAMETER, PROJECT NUMBER 428383-1-52-01 *** ITEM IS OBSOLETE AS OF 2017-03-30 00:00:00 FOR PROJECT SCHEDULED LETTING DATE 2017-06-14 00:00:00 **	LF	1195.000	1195.000
A		0591- 1- 23	IRRIGATION SLEEVE, 4" DIAMETER, PROJECT NUMBER 428383-1-52-01 *** ITEM IS OBSOLETE AS OF 2017-03-30 00:00:00 FOR PROJECT SCHEDULED LETTING DATE 2017-06-14 00:00:00 **	LF	1290.000	1290.000
A		0591- 1- 26	IRRIGATION SLEEVE, 6" DIAMETER, PROJECT NUMBER 428732-1-52-01 *** ITEM IS OBSOLETE AS OF 2015-07-30 00:00:00 FOR PROJECT SCHEDULED LETTING DATE 2017-06-14 00:00:00 **	LF	170.000	170.000
		0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	19.000	19.000
		0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	2.000	2.000
		0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.170	0.170
		0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	16.000	16.000

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01						
LEAD PROJECT : 238275-2-52-01		DISTRICT : 05		COUNTY/SECTION : 11130000		
PROJECT(S) : 23827525201B		COUNTY : LAKE				
0200 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	QUANTITY TOTAL
		0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	32.000	32.000
		0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID	LS	1.000	1.000

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

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01						
LEAD PROJECT : 238275-2-52-01		DISTRICT : 05		COUNTY/SECTION : 11130000		
PROJECT(S) : 23827525201B		COUNTY : LAKE				
0300 SUMMARY OF SIGNING						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	QUANTITY TOTAL
		0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	75.000	75.000
		0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	15.000	15.000
		0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	8.000	8.000
		0700- 1- 31	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870, UP TO 12 SF	AS	1.000	1.000
		0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	16.000	16.000
		0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	70.000	70.000
		0700- 2- 13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	2.000	2.000
		0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	1.000	1.000
		0700- 2- 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	1.000	1.000
		0700- 2- 18	MULTI- POST SIGN, F&I GROUND MOUNT, 301-400 SF	AS	2.000	2.000
		0700- 2- 50	MULTI- POST SIGN, F&I GROUND MOUNT, RELOCATE	AS	1.000	1.000
		0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	1.000	1.000
		0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	1.000	1.000
		0700- 3-207	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF	EA	1.000	1.000
		0700- 3-226	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF WITH LIGHTING *** ITEM IS OBSOLETE AS OF 2015-12-31 00:00:00 FOR PROJECT SCHEDULED LETTING DATE 2017-06-14 00:00:00 **	EA	1.000	1.000
		0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	9.000	9.000
		0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000	1.000
		0700- 4-112	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT	EA	1.000	1.000
		0700- 4-114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA	1.000	1.000
		0705- 10- 1	OBJECT MARKER, TYPE 1	EA	3.000	3.000
		0705- 10- 4	OBJECT MARKER, TYPE 4	EA	7.000	7.000
		0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	25.000	25.000
		0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1.000	1.000
		0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	803.000	803.000
		0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	38.000	38.000
		0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROWS	EA	38.000	38.000
		0711- 17-	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF	111.000	111.000
		0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.108	0.108
		0713-103-131	PERMEMENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.104	0.104
		0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.104	0.104

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01						
LEAD PROJECT : 238275-2-52-01		DISTRICT : 05		COUNTY/SECTION : 11130000		
PROJECT(S) : 23827525201B		COUNTY : LAKE				
0400 SUMMARY OF LIGHTING						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	24283.000	24283.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	572.000	572.000
		0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	100.000	100.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	147.000	147.000
		0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	86647.000	86647.000
		0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	13024.000	13024.000
		0715- 4-133	LIGHT POLE COMPLETE, F&I, WIND SPEED 110, POLE HEIGHT 50'	EA	122.000	122.000
		0715- 7- 12	LOAD CENTER, F&I, PRIMARY VOLTAGE	EA	1.000	1.000
		0715- 11-125	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT	EA	5.000	5.000
		0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA	114.000	114.000
		0715-500- 3	POLE CABLE DISTRIBUTION SYSTEM, WALL MOUNT	EA	12.000	12.000
T		0715-516-115	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, POLE TOP MOUNT, ALUMINUM, 15'	EA	4.000	4.000

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01		

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01						
LEAD PROJECT : 238275-2-52-01		DISTRICT : 05		COUNTY/SECTION : 11130000		
PROJECT(S) : 23827525201B		COUNTY : LAKE				
0500 SUMMARY OF SIGNALIZATION						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	949.000	949.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	198.000	198.000
		0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	394.000	394.000
		0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1.000	1.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	17.000	17.000
		0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	1.000	1.000
		0639- 1-123	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER NOT REQUIRED	AS	1.000	1.000
		0639- 2- 1	ELECTRICAL SERVICE WIRE	LF	106.000	106.000
		0641- 2- 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-11 PEDESTAL	EA	2.000	2.000
		0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	8.000	8.000
		0649- 31-302	MAST ARM,F&I, WIND SPEED-110,SINGLE ARM,W/O LUMINAIRE-46	EA	1.000	1.000
		0649- 31-304	MAST ARM,F&I, WIND SPEED-110,SINGLE ARM,W/O LUMINAIRE-70.5	EA	1.000	1.000
		0650- 1- 14	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	15.000	15.000
		0650- 1- 16	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	4.000	4.000
		0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	8.000	8.000
		0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	1.000	1.000
		0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	6.000	6.000
T		0663- 1-110	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, COMPLETE SYSTEM	EA	1.000	1.000
		0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	8.000	8.000
		0670- 5-111	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION	AS	1.000	1.000
		0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	6.000	6.000
		0695- 6- 12	TRAFFIC MONOTORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	6.000	6.000
		0695- 7-132	TRAFFIC MONOTORING SITE CABINET, FURNISH & INSTALL, TYPE 3, PEDESTAL MOUNT	EA	1.000	1.000
		0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	6.000	6.000

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 238275-2-52-01						
LEAD PROJECT : 238275-2-52-01		DISTRICT : 05		COUNTY/SECTION : 11130000		
PROJECT(S) : 23827525201B		COUNTY : LAKE				
0550 SUMMARY OF INTELLIGENT TRANSPORTATION SYSTEM						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	11760.000	11760.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	150.000	150.000
		0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	820.000	820.000
		0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	150.000	150.000
		0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	14270.000	14270.000
		0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	96.000	96.000
		0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	216.000	216.000
		0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	10.000	10.000
		0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	10.000	10.000
		0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	5.000	5.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	8.000	8.000
		0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	26.000	26.000
		0639- 1-112	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER PURCHED BY CONTRACTOR FROM POWER COMPANY	AS	4.000	4.000
		0639- 2- 1	ELECTRICAL SERVICE WIRE	LF	1429.000	1429.000
		0639- 3- 12	ELECTRICAL SERVICE DISCONNECT, F&I, CABINET	EA	5.000	5.000
		0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-11 SERVICE POLE	EA	4.000	4.000
		0641- 3-163	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE , 63'	EA	4.000	4.000
		0641- 3-186	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE , 86'	EA	1.000	1.000
		0660- 3- 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	2.000	2.000
		0660- 3- 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	2.000	2.000
		0676- 2-111	ITS CABINET, FURNISH & INSTALL, POLE MOUNT, 336, 24" W X 36" H X 20" D	EA	5.000	5.000
		0682- 1-133	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP , HIGH DEFINITION	EA	4.000	4.000
		0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	5.000	5.000
		0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	5.000	5.000
		0684- 3- 11	DIGITAL VIDEO ENCODER WITH SOFTWARE DECODER FURNISH & INSTALL HARDENED ENCODER	EA	4.000	4.000
		0685-106-	SYSTEM AUXILIARIES, F&I, UNINTERRUPTIBLE POWER SOURCE	EA	5.000	5.000
		0700- 8-115	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS, MONOCHROME, 51-100 SF	EA	2.000	2.000
		0700- 10-121	DMS SUPPORT STRUCTURE, CANTILEVER, UP TO 20 FT	EA	2.000	2.000

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS OPTION B	SHEET NO. 12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					46	LAKE	238275-2-52-01		

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
PROJECT(S) : 23827525201B COUNTY : LAKE
0100 SUMMARY OF STRUCTURES

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	23827525201B BR# 110094	QUANTITY TOTAL
		0400- 2- 4	CONC CLASS 11, SUPERSTRUCTURE	CY		114.700	114.700
		0400- 2- 5	CONCRETE CLASS 11, SUBSTRUCTURE	CY		50.400	50.400
		0400- 2- 10	CONCRETE CLASS 11, APPROACH SLABS	CY		96.600	96.600
		0400-147-	COMPOSITE NEOPRENE PADS	CF		2.300	2.300
		0415- 1- 4	REINFORCING STEEL - SUPERSTRUCTURE	LB		30906.000	30906.000
		0415- 1- 5	REINFORCING STEEL- SUBSTRUCTURE	LB		6710.000	6710.000
		0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB		19000.000	19000.000
		0450- 2- 45	PREST BEAMS: FLORIDA-1 BEAM 45"	LF		783.000	783.000
		0455-144- 6	TEST PILES - STEEL, HP 14 X 89	LF		2345.000	2345.000
		0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF		86.000	86.000
		0521- 5- 1	CONCRETE TRAFFIC RAILING, BRIDGE 32" F - SHAPE	LF		316.000	316.000

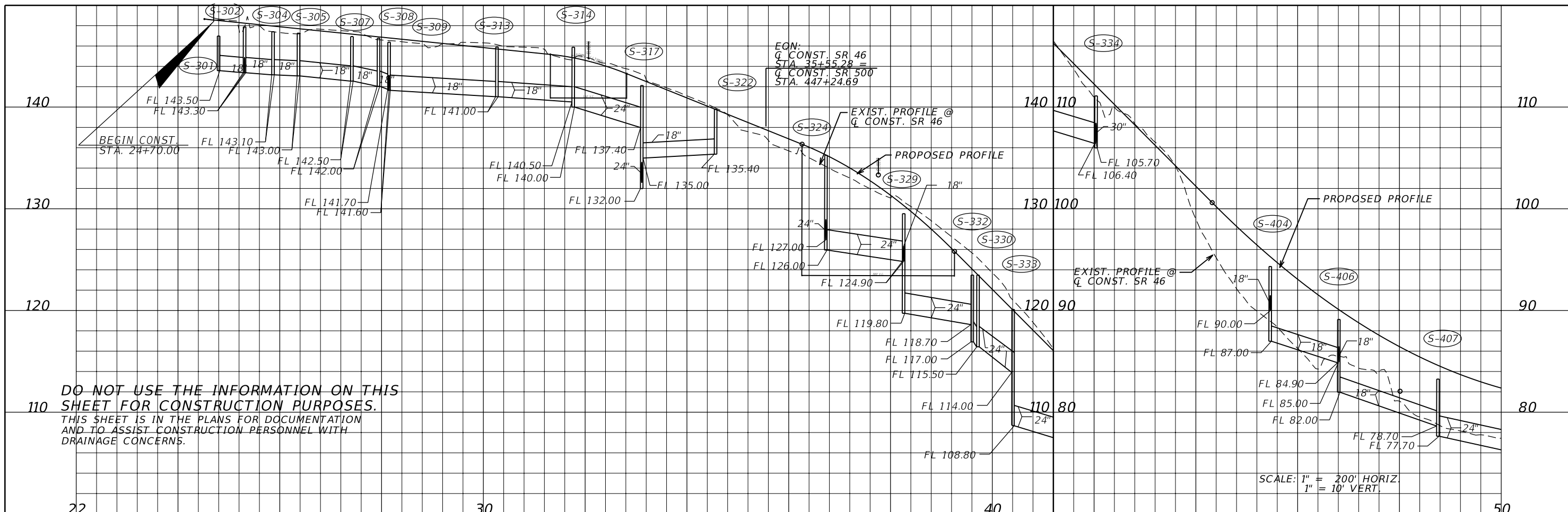
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS OPTION B	SHEET NO. 13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					46	LAKE	238275-2-52-01		

FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT SUMMARY OF PAY ITEMS
FOR PROJECT: 238275-2-52-01

LEAD PROJECT : 238275-2-52-01 DISTRICT : 05 COUNTY/SECTION : 11130000
PROJECT(S) : 23827525201B COUNTY : LAKE
0101 SUMMARY OF STRUCTURES

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	23827525201B	23827525201B BR# 110095	QUANTITY TOTAL
		0110- 3-	REMOVAL OF EXISTING STRUCTURE	(LS)		1.000	1.000
		0400- 2- 4	CONC CLASS 11, SUPERSTRUCTURE	CY		776.300	776.300
		0400- 2- 10	CONCRETE CLASS 11, APPROACH SLABS	CY		115.200	115.200
		0400- 2- 25	CONCRETE CLASS 11, MASS, SUBSTRUCTURE	CY		375.500	375.500
		0400- 9-	BRIDGE DECK GROOVING & PLANING, DECK 8.5">	SY		20843.000	20843.000
		0415- 1- 4	REINFORCING STEEL - SUPERSTRUCTURE	LB		182330.000	182330.000
		0415- 1- 5	REINFORCING STEEL- SUBSTRUCTURE	LB		70379.000	70379.000
		0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB		22630.000	22630.000
		0450- 7- 6	CURVED PRECAST SPLICED U-GIRDER, U90-4	LF		860.000	860.000
		0455-143- 5	TEST PILES-PRESTRESSED CONCRETE,24" SQ	LF		2875.000	2875.000
		0458- 1- 12	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I STRIP SEAL	LF		97.000	97.000
		0460- 2- 20	STRUCT STEEL - NEW/WIDENING, WEATHERING	(LS)		1.000	1.000
		0461-113- 19	MULTIROTATIONAL BEARING ASSEM-FIXED, F&I, >= 2001KIPS	EA		1.000	1.000
		0461-114- 12	MULTIROTATIONAL BEARING ASSEM EXP, F&I, 251- 500KIPS	EA		4.000	4.000
		0461-114- 19	MULTIROTATIONAL BEARING ASSEM-EXPANSION,F&I, >=2001KIPS	EA		3.000	3.000
		0521- 5- 2	CONCRETE TRAFFIC RAILING, BRIDGE 42" F - SHAPE	LF		1044.000	1044.000
		0524- 2- 2	CONCRETE SLOPE PAVEMENT, NON REINFORCED, 4"	SY		21.000	21.000
		0548- 12-	RETAINING WALL SYSTEM, PERMANANT, EXCLUDING BARRIER	SF		26196.000	26196.000
		0548- 12-	RETAINING WALL SYSTEM, PERMANANT, EXCLUDING BARRIER	SF		26196.000	26196.000
T		0715- 50-	LIGHTING, INSIDE BOX GIRDER	LS		1.000	1.000

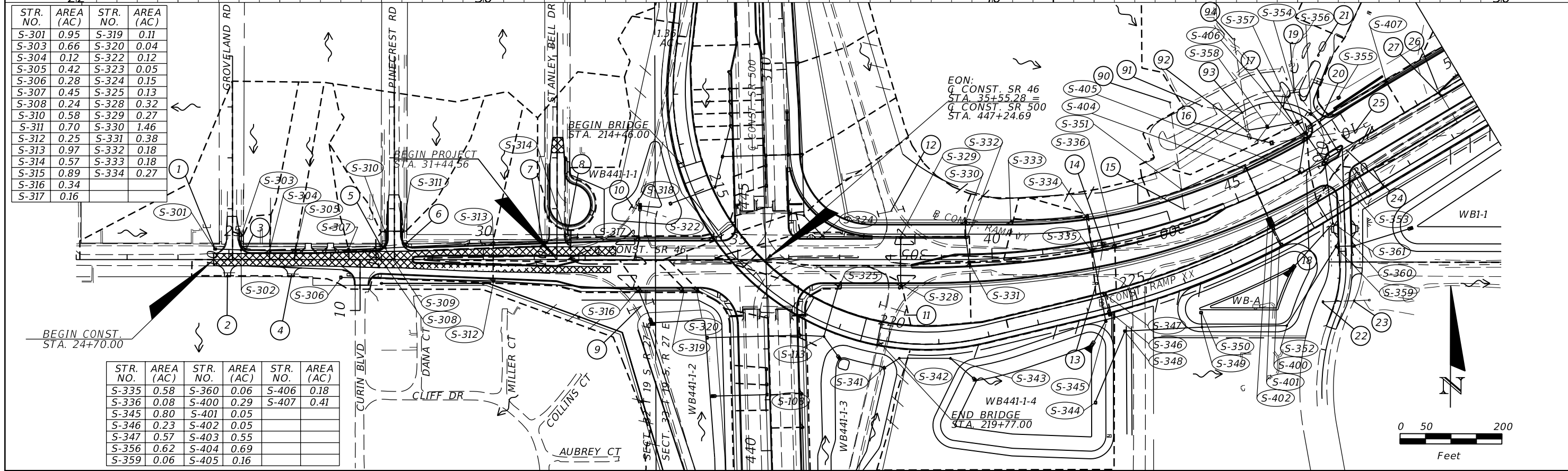
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS OPTION B	SHEET NO. 14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					46	LAKE	238275-2-52-01		



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

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

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



STR. NO.	AREA (AC)	STR. NO.	AREA (AC)	STR. NO.	AREA (AC)
S-335	0.58	S-360	0.06	S-406	0.18
S-336	0.08	S-400	0.29	S-407	0.41
S-345	0.80	S-401	0.05		
S-346	0.23	S-402	0.05		
S-347	0.57	S-403	0.55		
S-356	0.62	S-404	0.69		
S-359	0.06	S-405	0.16		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

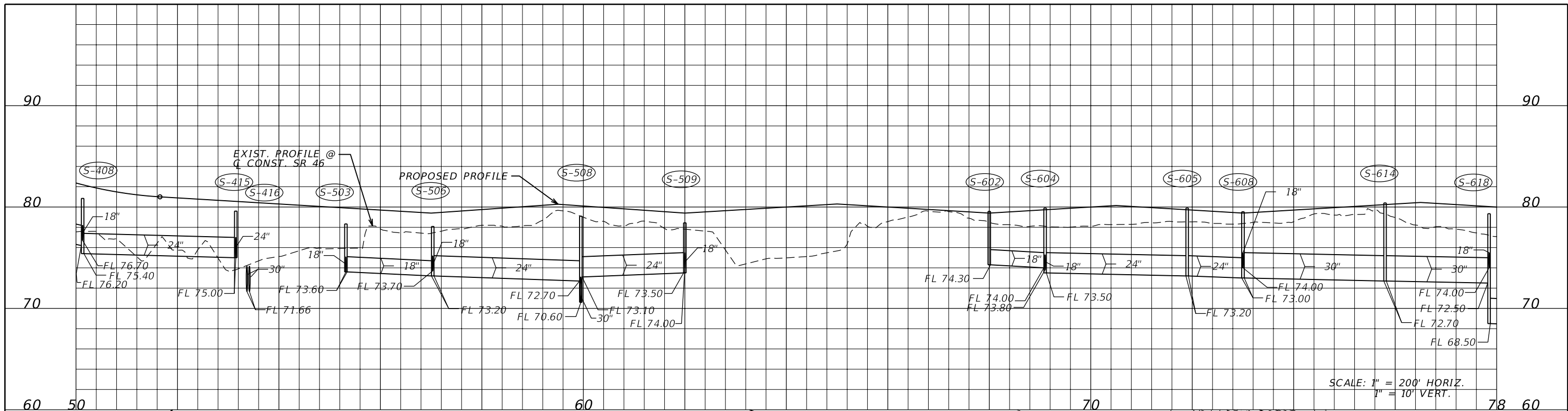
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

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

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

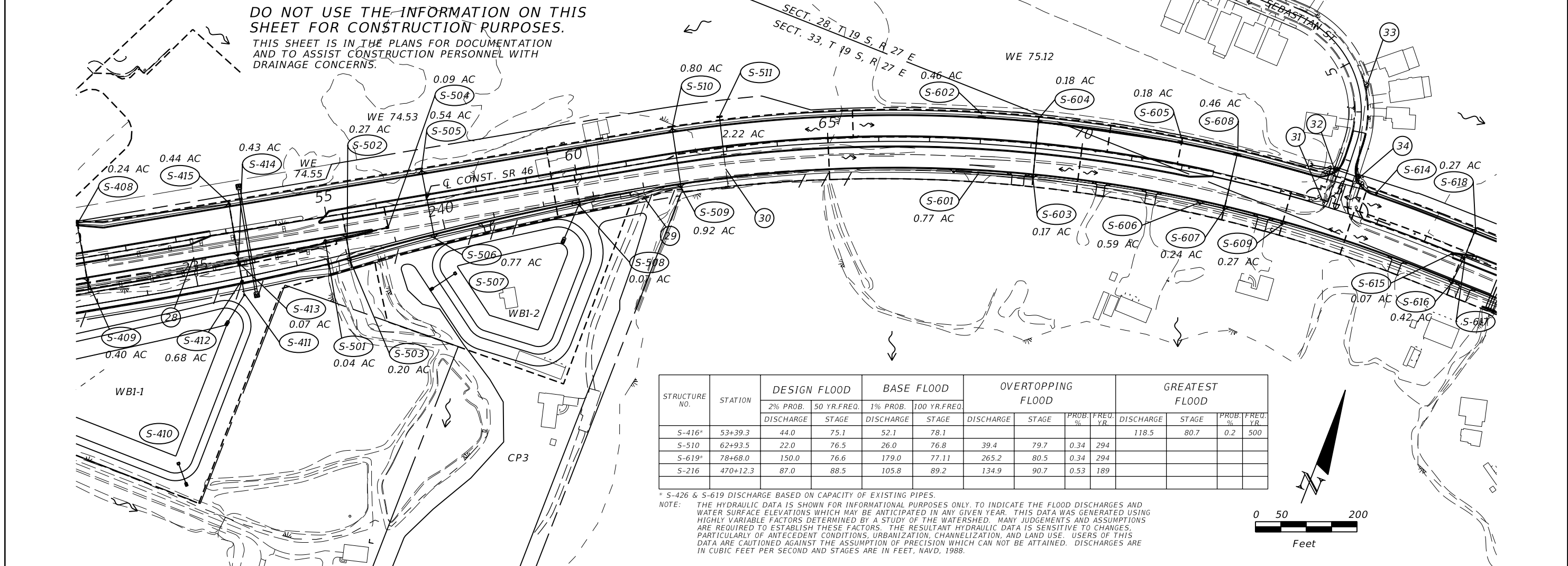
DRAINAGE MAP
SR 46

SHEET NO.
 15



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

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

* S-426 & S-619 DISCHARGE BASED ON CAPACITY OF EXISTING PIPES.
NOTE: THE HYDRAULIC DATA IS SHOWN FOR INFORMATIONAL PURPOSES ONLY, TO INDICATE THE FLOOD DISCHARGES AND WATER SURFACE ELEVATIONS WHICH MAY BE ANTICIPATED IN ANY GIVEN YEAR. THIS DATA WAS GENERATED USING HIGHLY VARIABLE FACTORS DETERMINED BY A STUDY OF THE WATERSHED. MANY JUDGEMENTS AND ASSUMPTIONS ARE REQUIRED TO ESTABLISH THESE FACTORS. THE RESULTANT HYDRAULIC DATA IS SENSITIVE TO CHANGES, PARTICULARLY OF ANTECEDENT CONDITIONS, URBANIZATION, CHANNELIZATION, AND LAND USE. USERS OF THIS DATA ARE CAUTIONED AGAINST THE ASSUMPTION OF PRECISION WHICH CAN NOT BE ATTAINED. DISCHARGES ARE IN CUBIC FEET PER SECOND AND STAGES ARE IN FEET, NAVD, 1988.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

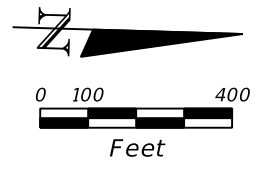
ENGINEER OF RECORD:
KATHY L. DOBBINS, P.E.
FL REGISTRATION NO. 54791

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

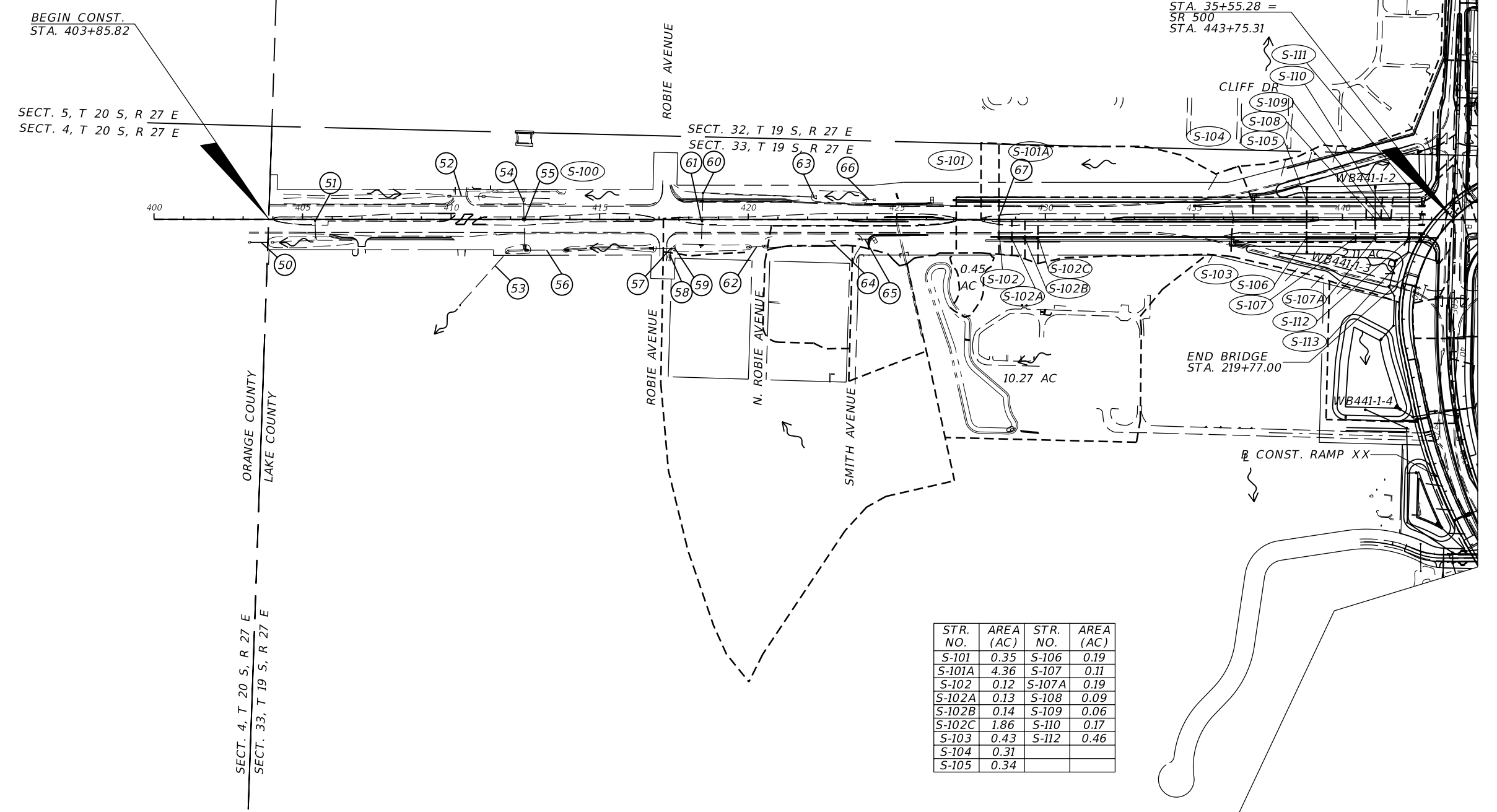
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
46	LAKE	238275-2-52-01

DRAINAGE MAP
SR 46

SHEET NO.
16

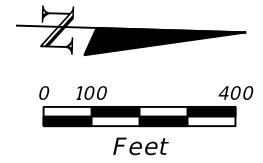
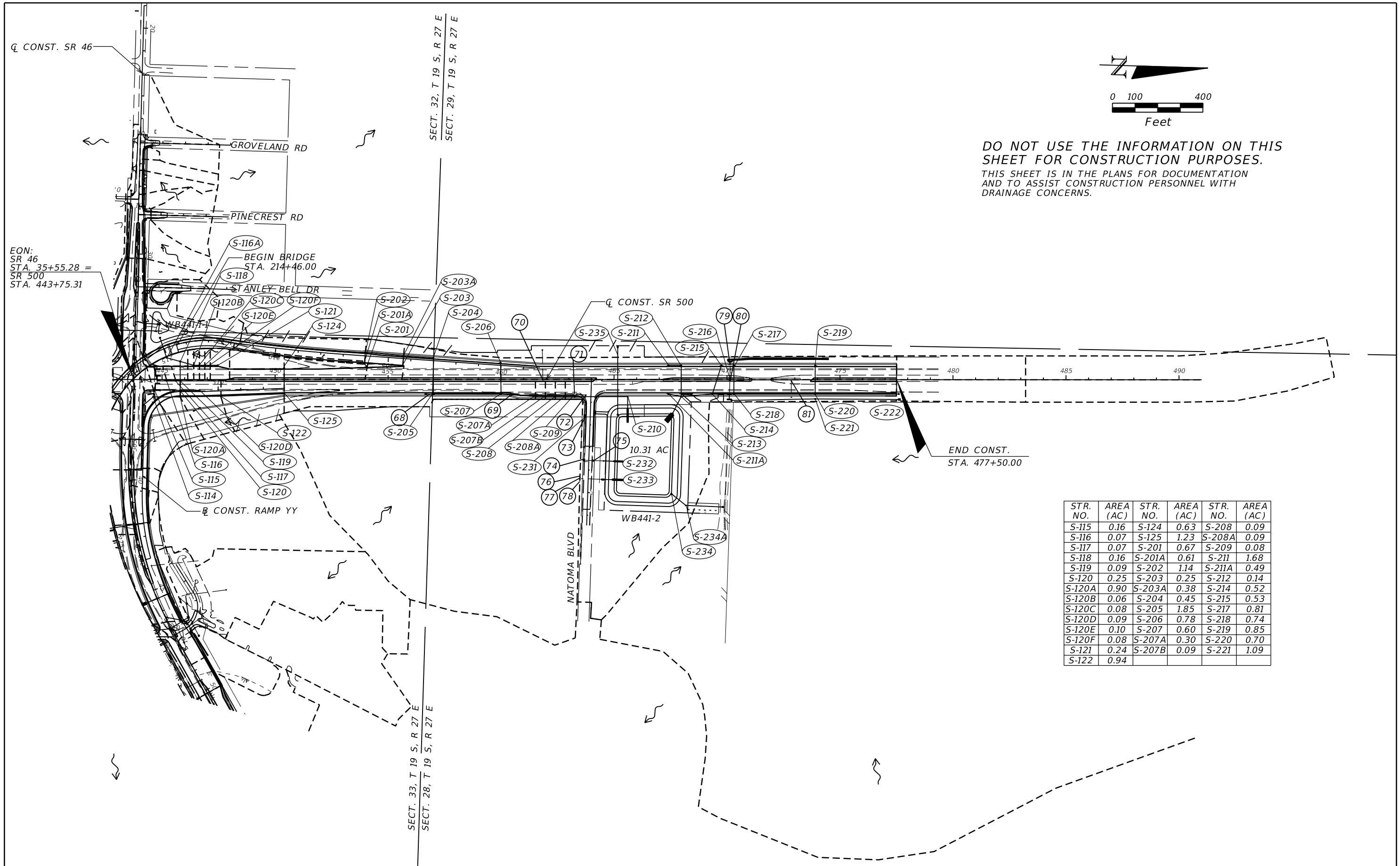


DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES.
 THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.



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

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE MAP SR 500	SHEET NO. 18
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	46	LAKE	238275-2-52-01		



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

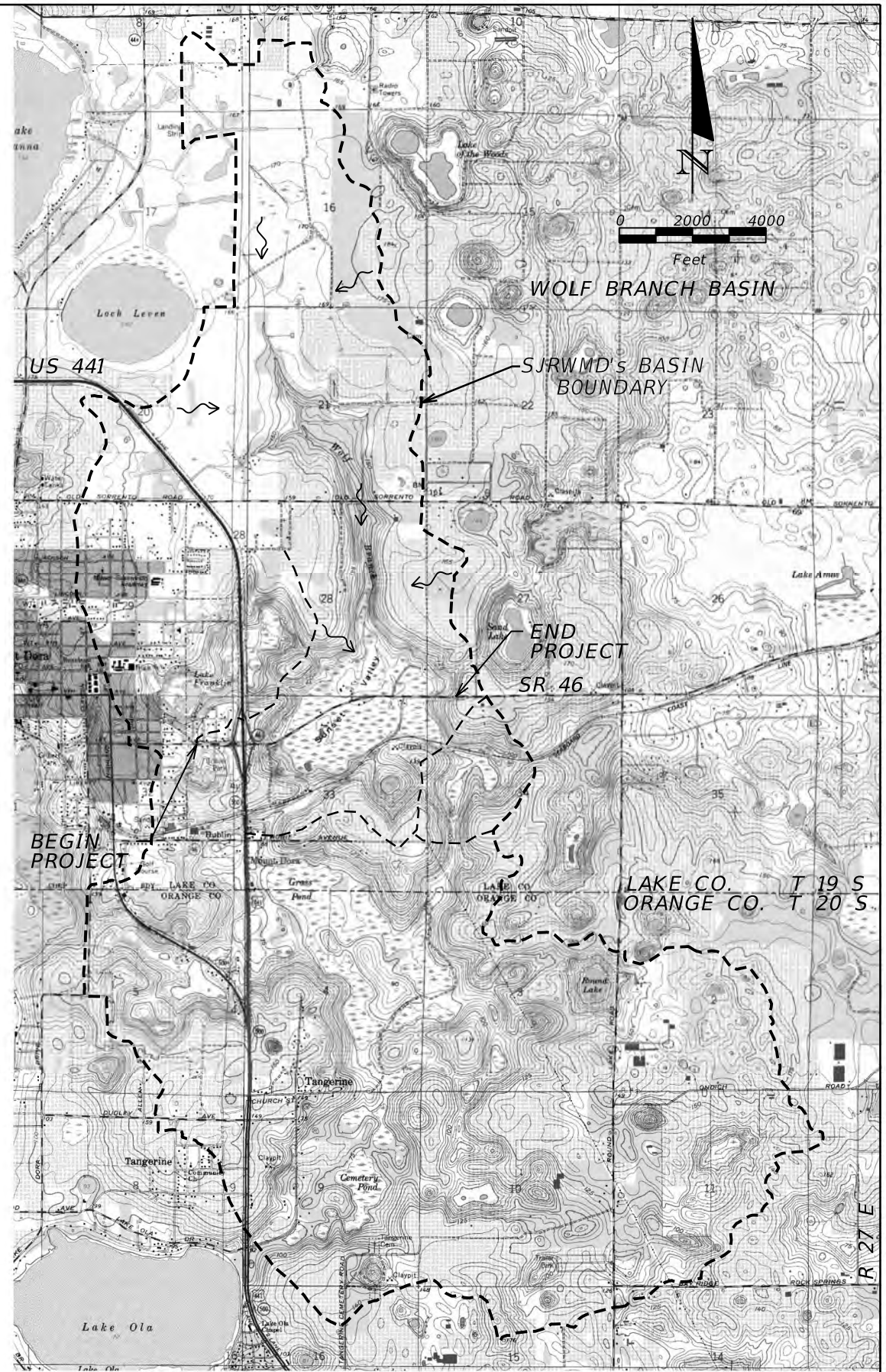
EON:
 SR 46
 STA. 35+55.28 =
 SR 500
 STA. 443+75.31

END CONST.
 STA. 477+50.00

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

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE MAP SR 500	SHEET NO. 19
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: KATHY L. DOBBINS, P.E. FL REGISTRATION NO. 54791	46	LAKE	238275-2-52-01		

- 1 DBI
15" RCP
FL 143.79 W
FL 143.55 E
- 2 18" CMP
FL 144.41 W
FL 144.33 E
- 3 INLET
18" RCP
FL 143.46 W
FL 142.12 E
- 4 18" CMP
FL 144.14 W
FL 144.07 E
- 5 INLET
18" RCP
FL 142.06 W
FL 141.91 E
- 6 INLET
18" RCP
FL 141.88 W
FL 141.06 E
- 7 INLET
18" RCP
FL 140.98 W
FL 140.83 E
- 8 INLET
18" RCP
FL 140.90 W
FL 140.60 E (EW)
- 9 24" RCP
FL 137.27 W (EW)
FL 136.93 E (EW)
- 10 24" RCP
FL 137.22 W (EW)
FL 137.08 E (EW)
- 11 24" RCP
FL 125.36 W (EW)
FL 124.64 E (EW)
- 12 24" RCP
FL 124.75 W (EW)
FL 124.46 E (EW)
- 13 DBI
24" RCP
FL 105.24 S
FL 104.05 N
- 14 DBI
42" RCP
FL 103.35 W
FL 102.98 E (MES)
- 15 MH
24" RCP
FL 85.92 W
FL 78.31 E
- 16 CTRL STR
GRATE EL. 88.30
WEIR EL. 87.80
36" RCP
FL 82.74 W
FL 79.16 E
- 17 18" RCP
24" RCP
FL 80.15 W (MES)
FL 86.27 E (MES)
- 18 30" RCP
FL 82.27 W (MES)
FL 78.01 E
- 19 MH
18" RCP
FL 76.89 SW (MES)
FL 77.30 NE
- 20 DBI
18" RCP
FL 78.29 S
FL 77.44 N
- 21 DBI
18" RCP
FL 84.16 NE
FL 71.64 SW
- 22 DBI
15"x21" CMP
FL 74.54 W
FL 74.61 E
- 23 DBI
30" CMP
FL 74.18 W
FL 74.08 E (MES)
- 24 MH
36" RCP
FL 77.93 SW
FL 72.45 NE
- 25 MH
36" RCP
FL 78.25 SW
FL 77.86 NE (MES)
- 26 24" RCP
FL 73.77 NW (BURIED)
FL 72.46 SE
- 27 MH
24" RCP
FL 72.57 NW
FL 71.59 SE (BURIED)
- 28 24" RCP
FL 72.40 N (MES)
FL 72.29 S (MES)
- 29 6" PVC
FL 77.31 W
FL 76.87 E
- 30 24" RCP
FL 73.54 N (EW)
FL 73.42 S (EW)
- 31 INLET
18" RCP
FL 73.30 S
FL 73.65 N
- 32 INLET
36" RCP
FL 73.68 E
FL 73.53 W (EW)
- 33 INLET
24" RCP
FL 77.98 N
FL 74.70 S
- 34 INLET
36" RCP
FL 73.43 E
FL 73.55 W
- 35 36" RCP
FL 72.54 N
FL 72.44 S
- 36 36" RCP
FL 72.37 N
FL 72.41 S
- 37 36" RCP
FL 73.08 N
FL 72.50 S
- 38 INLET
15" RCP
FL 74.06 N
FL 73.65 S
- 39 INLET
15" RCP
FL 73.79 S
FL 73.51 E
- 40 INLET
15" RCP
FL 75.36 N
FL 74.70 S
- 41 INLET
15" RCP
FL 73.84 S
FL 73.52 N
- 42 INLET
15" RCP
FL 84.87 N
FL 84.44 S
- 43 INLET
15" RCP
FL 85.39 S
FL 83.92 N
- 44 19"x30" RCP
FL 100.79 E (MES)
FL 96.94 W (MES)
- 45 15" CMP
FL 108.28 S (MES)
FL 107.29 N (MES)
- 50 18" CMP
FL 75.28 S (MES)
FL 75.29 N (MES)
- 51 DBI
18" RCP
FL 75.79 W
FL 75.61 E (EW)
- 52 24" RCP
FL 76.36 N (MES)
FL 76.73 S (MES)
- 53 MH
36" RCP
FL 69.77 E
FL 71.11 W (MES)
- 54 24" RCP
FL 75.43 W (MES)
FL 75.16 E
- 55 DBI
24" RCP
FL 74.90 W
FL 72.30 E (EW)
- 56 30" RCP
FL 71.28 N (MES)
FL 70.85 S (MES)
- 57 MH
30" RCP
FL 72.53 N
FL 72.49 S (EW)
- 58 18" RCP
FL 75.53 E (MES)
FL 75.02 W
- 59 30" RCP
FL 72.67 N (EW)
FL 72.53 S
- 60 DBI
30" RCP
FL 73.44 W
FL 72.72 E
- 61 DBI
30" RCP
FL 72.75 W
FL 72.81 E (EW)
- 62 24" CMP
FL 79.88 N
FL 77.69 S
- 63 24" CMP
FL 90.87 N (MES)
FL 73.65 S
- 64 18" CMP
FL 92.91 N
FL 90.70 S
- 65 18" CMP
FL 98.97 N (MES)
FL 97.08 S (MES)
- 66 24" CMP
FL 100.04 N (MES)
FL 99.07 S (MES)
- 67 DBI
18" RCP
FL 112.44 W
FL 112.26 E (EW)
- 68 24" CMP
FL 123.47 S (MES)
FL 121.74 N (MES)
- 69 DBI
18" RCP
FL 106.66 S
FL 95.76 N
- 70 DBI
18" RCP
FL 100.42 E
FL 84.87 W (EW)
- 71 DBI
18" RCP
FL 95.62 S
FL 94.37 N
- 72 MH
18" RCP
FL 94.02 W
FL 84.93 E
- 73 INLET
18" RCP
FL 84.82 W
FL 79.01 E
- 74 INLET
36" RCP
FL 77.94 S
FL 77.84 N
- 75 INLET
18" RCP
FL 79.13 S
FL 79.20 N (EW)
- 76 DBI
24" RCP
FL 78.66 W
FL 78.61 E
- 77 DBI
36" RCP
FL N/A S
FL 76.86 N (EW)
- 78 DBI
24" RCP
FL 78.78 E
FL 78.65 W
- 79 48" RCP
FL 82.81 W (EW)
FL 82.65 E
- 80 DBI
48" RCP
FL 82.65 W
FL 82.47 E (EW)
- 81 DBI
18" RCP
FL 85.16 W
FL 83.16 E (EW)
- 90 DBI
24" RCP
FL 93.18 N
FL 85.40 S
- 91 DBI
15" RCP
FL 88.80 NW
FL 86.93 SE
- 92 DBI
36" RCP
FL 78.87 N
FL 78.47 S (MES)
- 93 DBI
36" RCP
FL 78.87 N
FL 78.47 S (MES)
- 94 MH
24" RCP
FL 89.56 N
FL 85.47 S



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 20
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					46	LAKE	238275-2-52-01	

NEW CONSTRUCTION/ WIDENING

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

MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (3")

RESURFACING

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

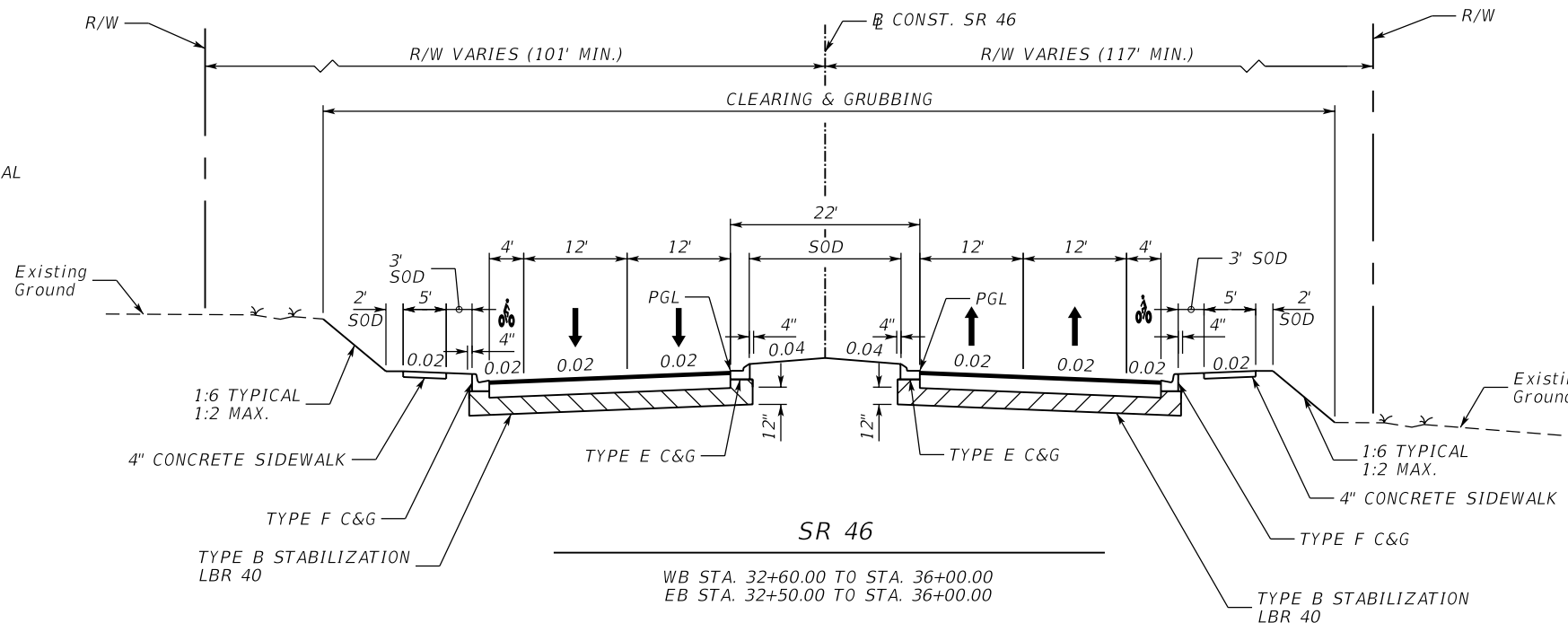
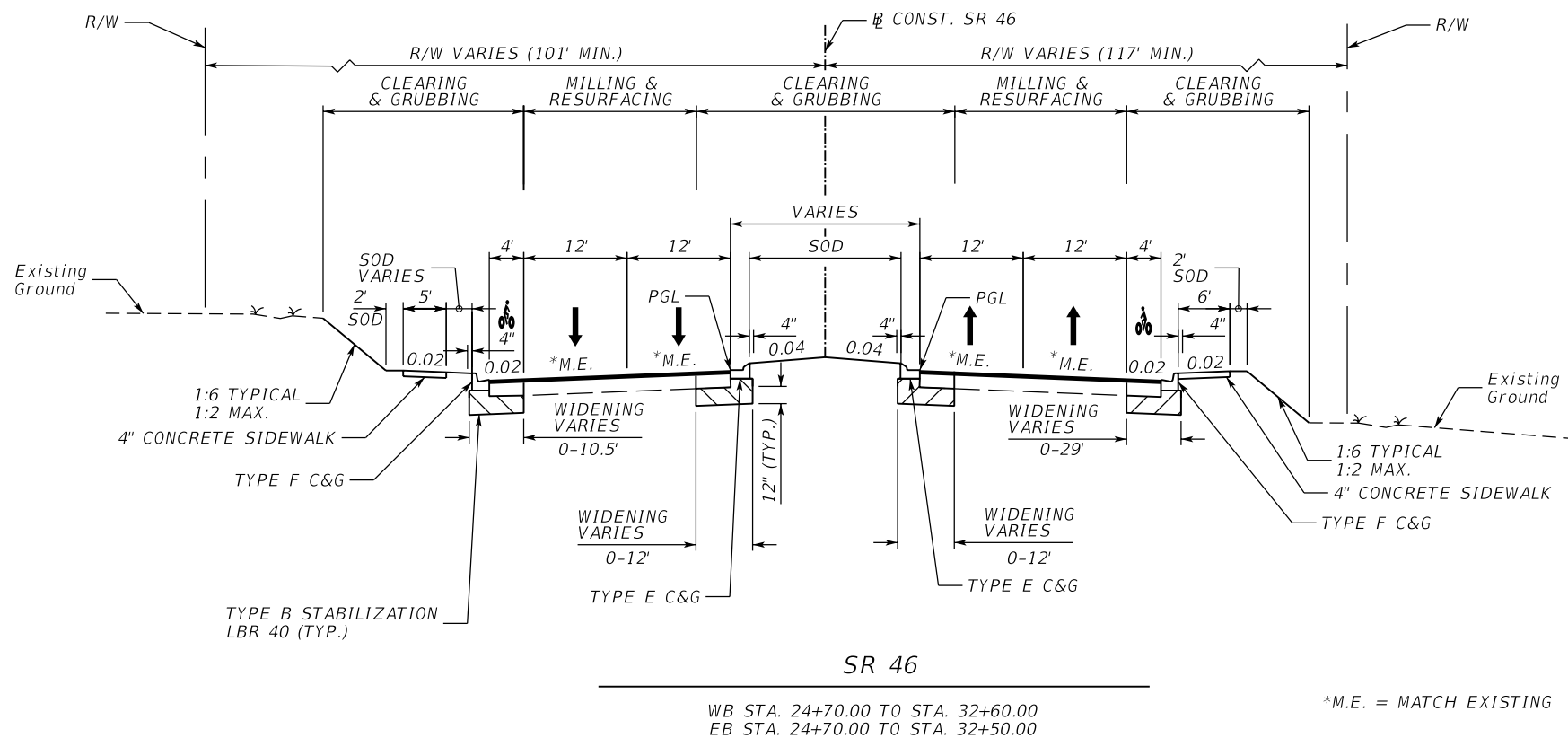
LEVELING
(WB STA. 25+50.00 TO STA. 32+60.00)
(EB STA. 25+50.00 TO STA. 32+50.00)

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (PG 76-22 (PMA))

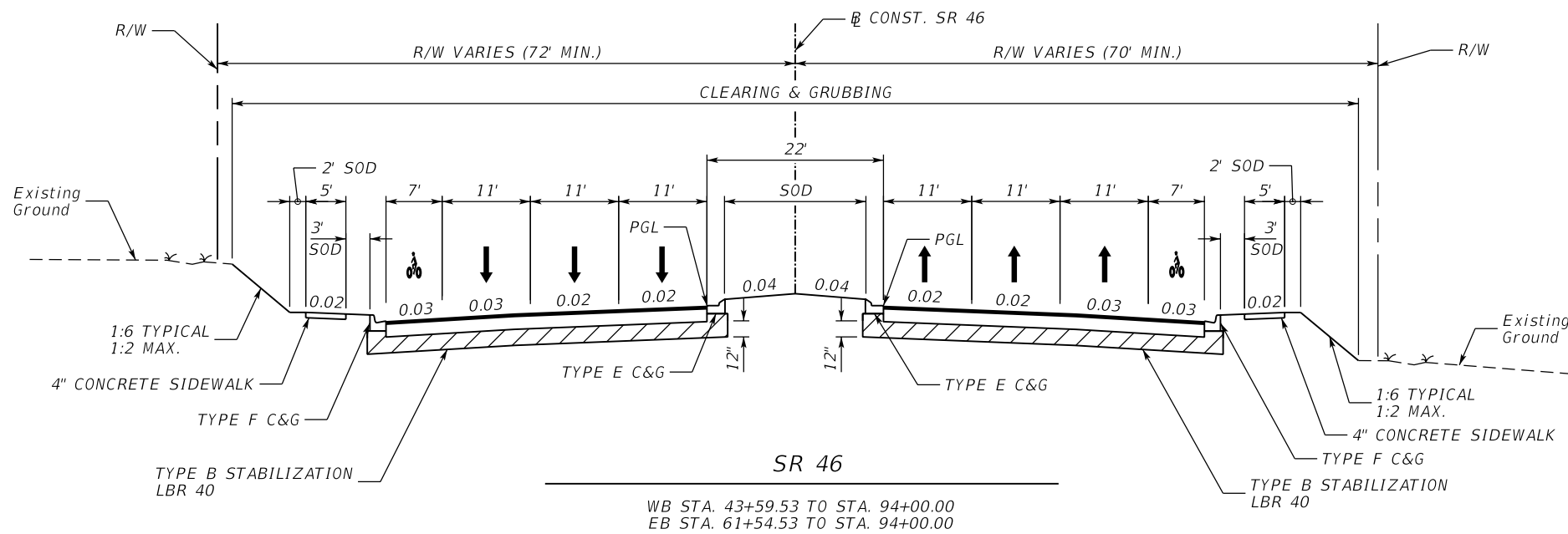
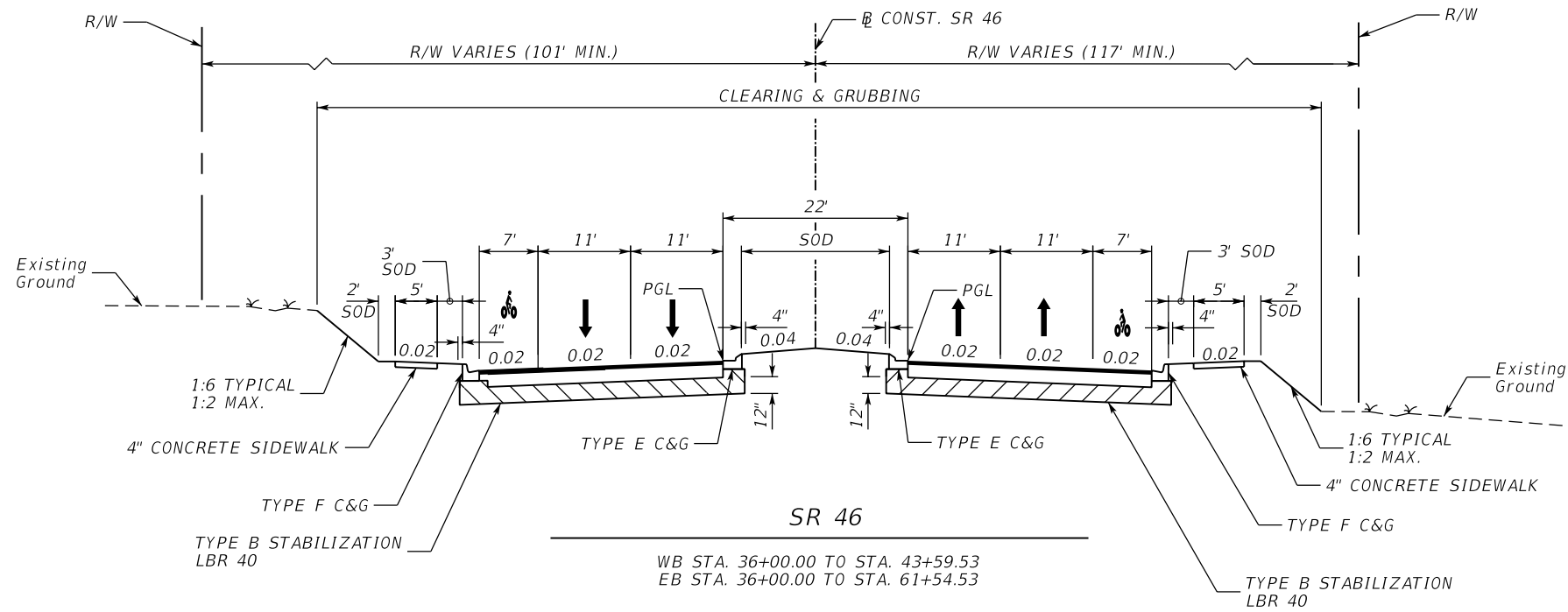
NOTE:
1. ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL EXISTING PAVEMENT WIDTH.
CONTRACTOR MAY ELECT TO PLACE UNIFORM WIDTH BASE WIDENING STRIP AT NO ADDITIONAL
COST TO THE DEPARTMENT.

TRAFFIC DATA

CURRENT YEAR = 2012 AADT = 6,400
ESTIMATED OPENING YEAR = 2019 AADT = 7,100
ESTIMATED DESIGN YEAR = 46 AADT = 9,200
K = 9.0% D = 54.9% T = 11.7% (24 HOUR)
DESIGN HOUR T = 6.5%
DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01	TYPICAL SECTION 21



TRAFFIC DATA

CURRENT YEAR = 2012 AADT = 11,000
 ESTIMATED OPENING YEAR = 2019 AADT = 18,000
 ESTIMATED DESIGN YEAR = 46 AADT = 39,000
 K = 9.0% D = 54.9% T = 11.7% (24 HOUR)
 DESIGN HOUR T = 6.5%
 DESIGN SPEED = 45 MPH
 POSTED SPEED = 45 MPH

NEW CONSTRUCTION

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

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD., STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION SHEET NO. 22
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01	

SR 500 & ROBIE AVENUE MILLING

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

SR 500 & ROBIE AVENUE RESURFACING

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

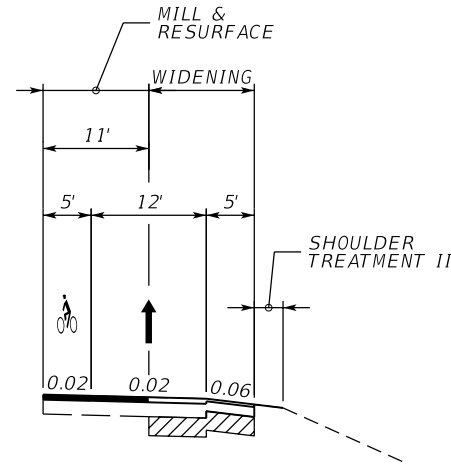
SHOULDER, TURN LANE & CROSSOVER* MILLING

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

SHOULDER, TURN LANE & CROSSOVER* RESURFACING

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

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



TURN LANE WIDENING DETAIL

STA. 405+90.98 TO STA. 409+99.50
STA. 417+63.20 TO STA. 521+45.55

TURN LANE WIDENING

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

SHOULDER PAVEMENT

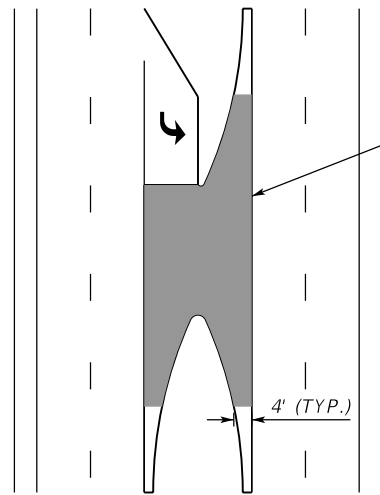
OPTIONAL BASE GROUP 1 WITH
FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22 (PMA))

MILLING

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

RESURFACING

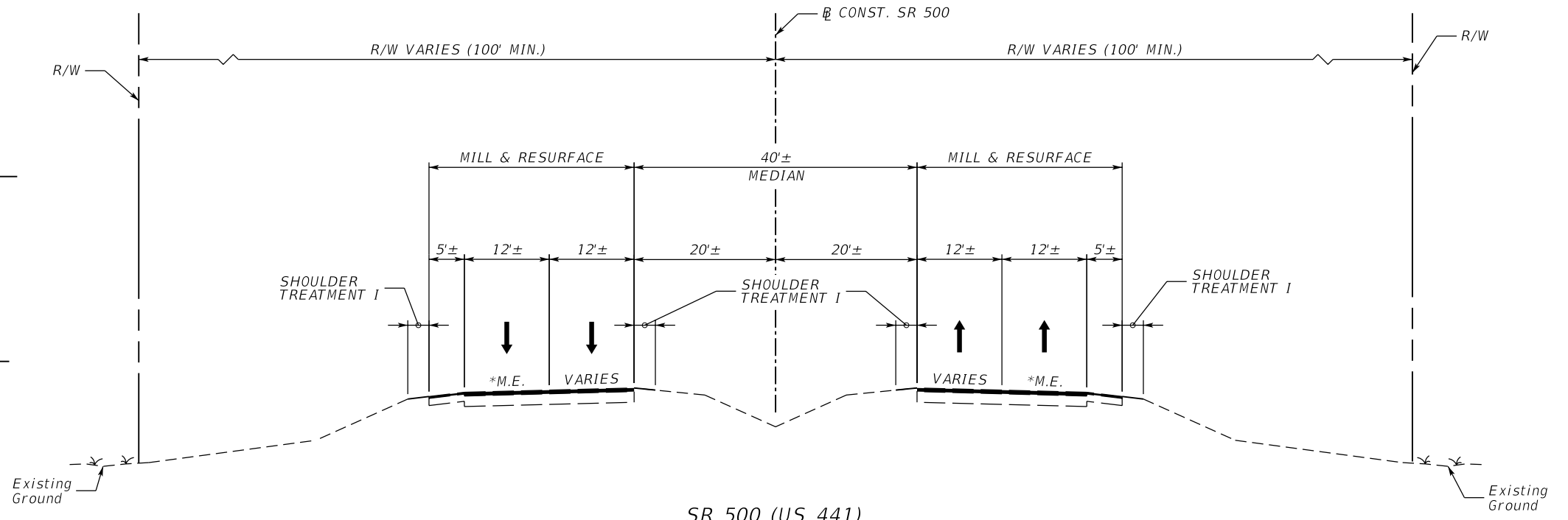
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") (PG 76-22 (PMA))
AND FRICTION COURSE FC-5 (3/4") (PG 76-22 (PMA))



CROSSOVER PAVEMENT DETAIL

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

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



SR 500 (US 441)

STA. 403+85.82 TO STA. 427+00.00

*M.E. = MATCH EXISTING

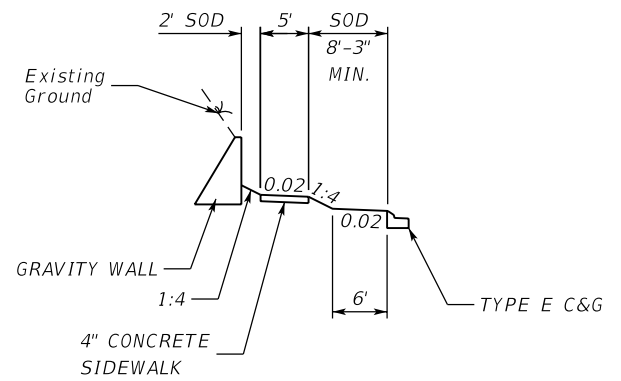
SEE MILLING AND RESURFACING DETAIL
FOR ADDITIONAL INFORMATION

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD., STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01	TYPICAL SECTION
								23

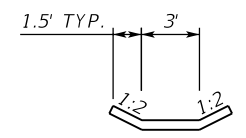
NEW CONSTRUCTION
 OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") (PG 76-22 (PMA))
 AND FRICTION COURSE FC-5 (¾") (PG 76-22 (PMA))

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

RESURFACING
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2 1/2") (PG 76-22 (PMA))
 AND FRICTION COURSE FC-5 (¾") (PG 76-22 (PMA))



GRAVITY WALL DETAIL
 TRANSITION SIDEWALK OVER 50'



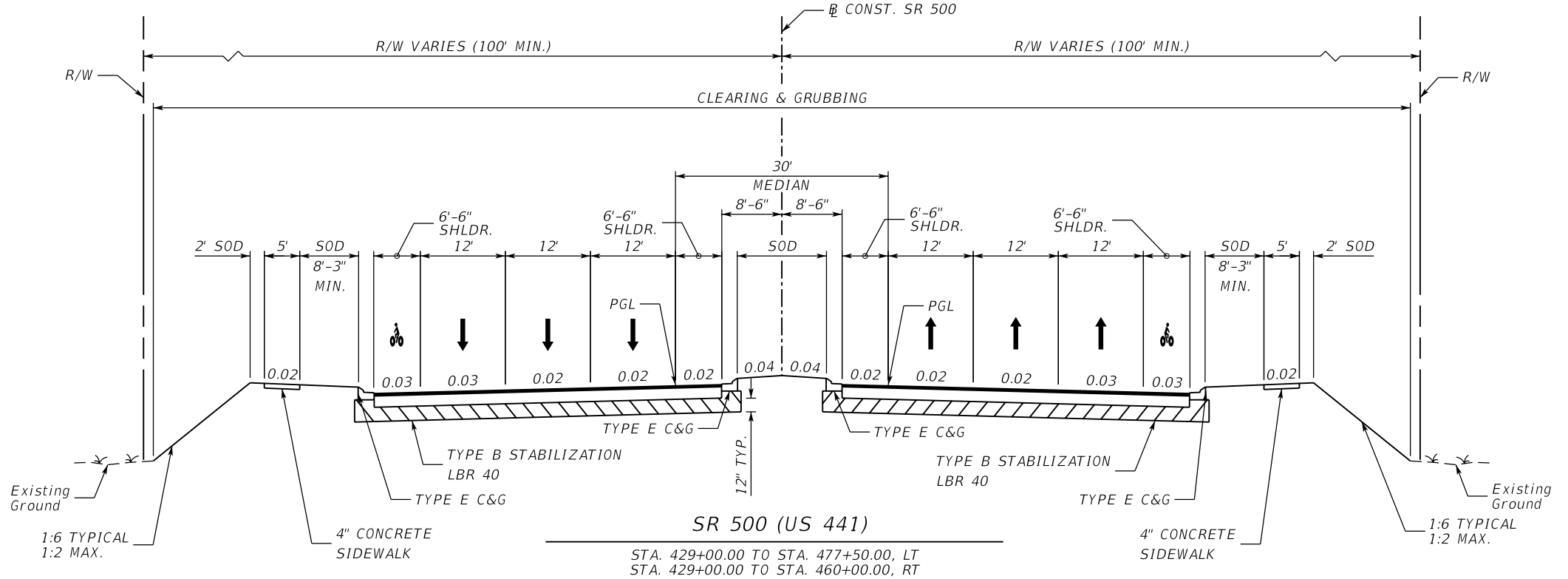
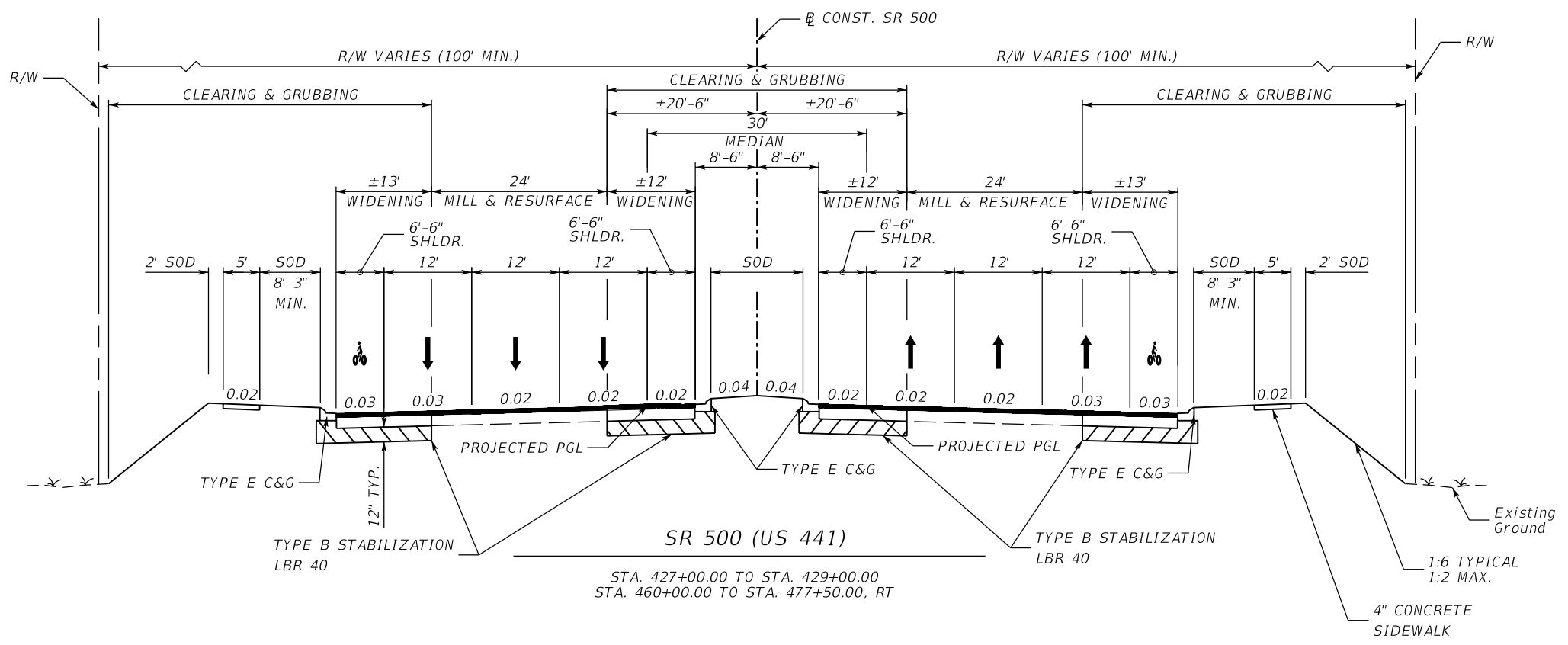
CONCRETE DITCH PAVEMENT DETAIL
 STA. 470+30.00 TO STA. 473+50.00

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

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

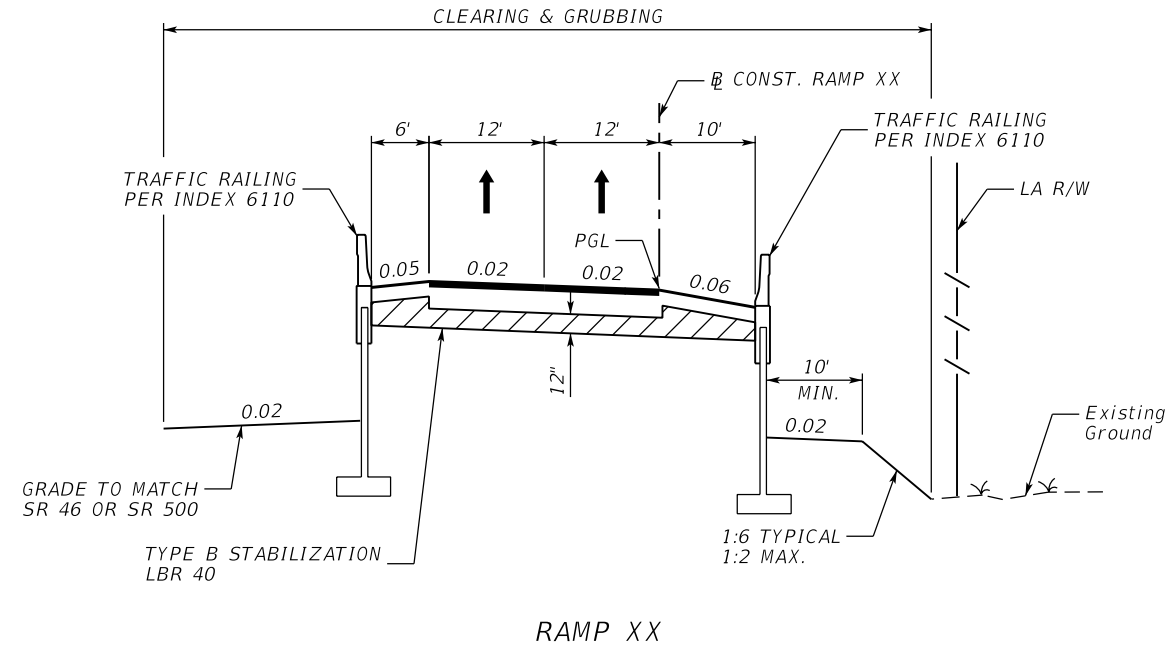
TRAFFIC DATA
 STA. 443+75.00 TO STA. 477+50.00

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



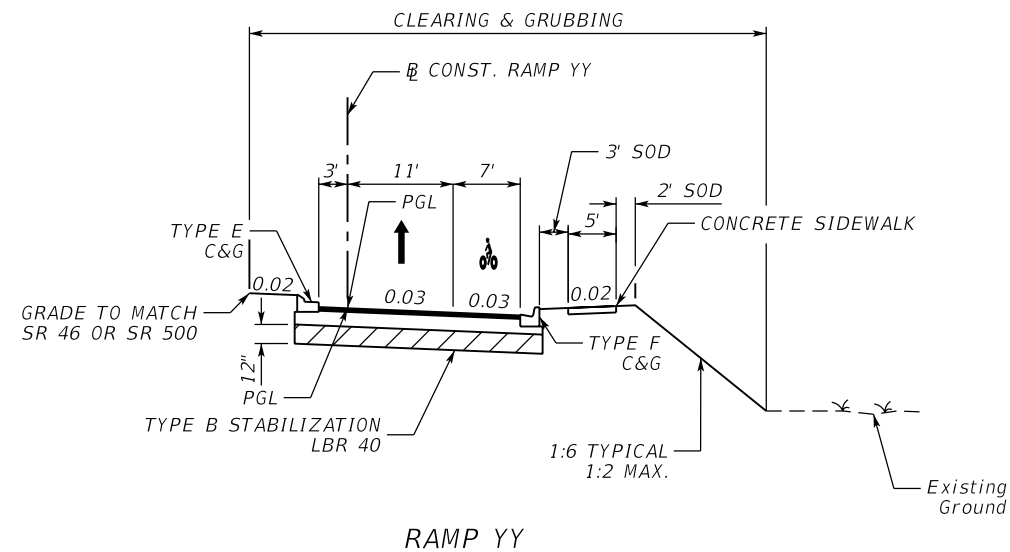
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01	24

TYPICAL SECTION



RAMP XX

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



RAMP YY

STA. 300+00.00 TO STA. 312+94.80

TRAFFIC DATA RAMP YY

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

NEW CONSTRUCTION

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

SHOULDER PAVEMENT

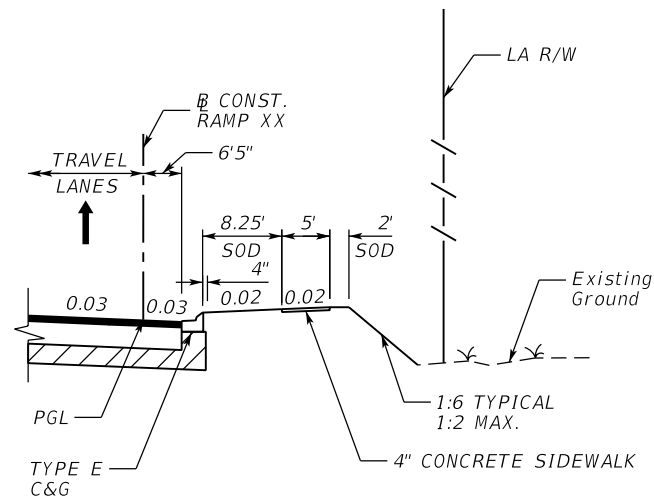
OPTIONAL BASE GROUP 1 WITH
 FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22 (PMA))

TRAFFIC DATA RAMP XX

CURRENT YEAR = 2012 AADT = N/A
 ESTIMATED OPENING YEAR = 2019 AADT = 5,600
 ESTIMATED DESIGN YEAR = 2039 AADT = 14,500
 K = 9.0% D = 100% T = 11.7% (24 HOUR)
 DESIGN HOUR T = 6.5 %
 DESIGN SPEED = 35 MPH
 POSTED SPEED = 35 MPH

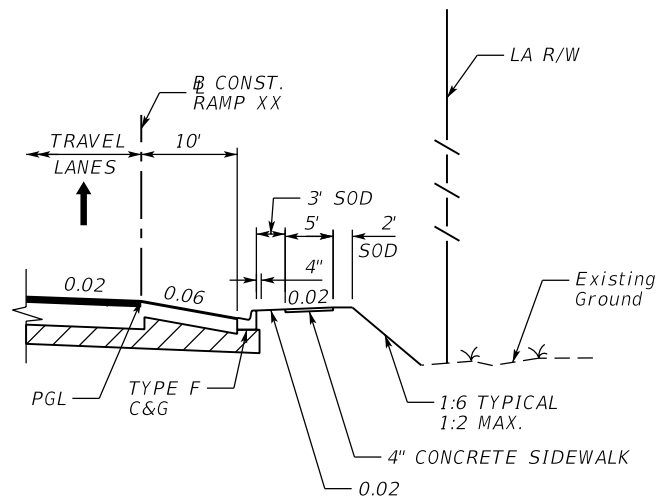
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD., STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 25
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01	

TYPICAL SECTION



RAMP XX
CURB & GUTTER WITH SIDEWALK

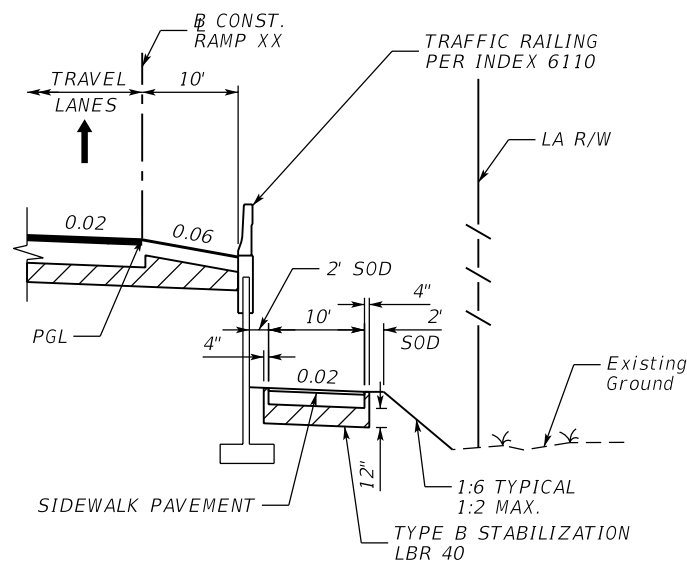
STA. 198+27.97 TO STA. 206+00.00



RAMP XX
CURB & GUTTER WITH SIDEWALK

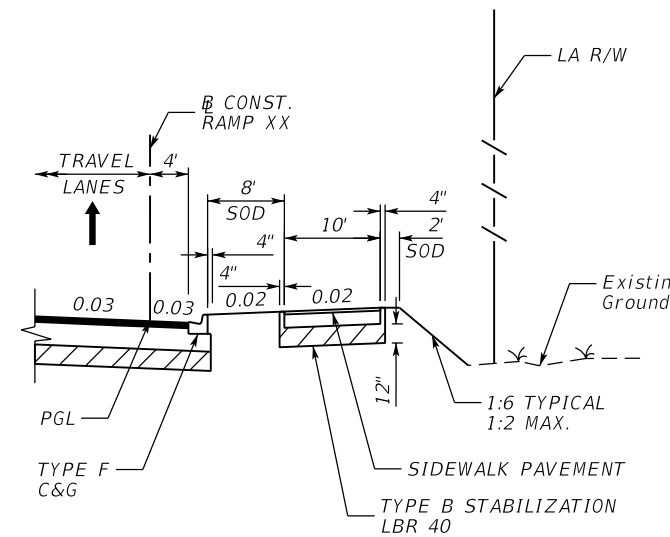
STA. 206+00.00 TO STA. 211+60.00

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



RAMP XX
BARRIER WALL WITH SIDEWALK

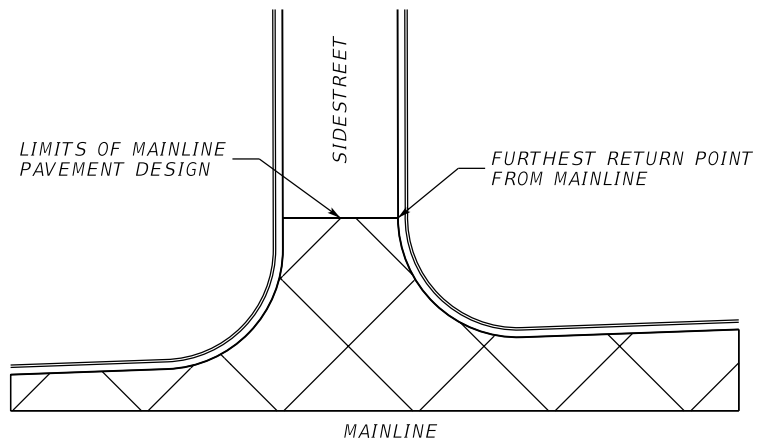
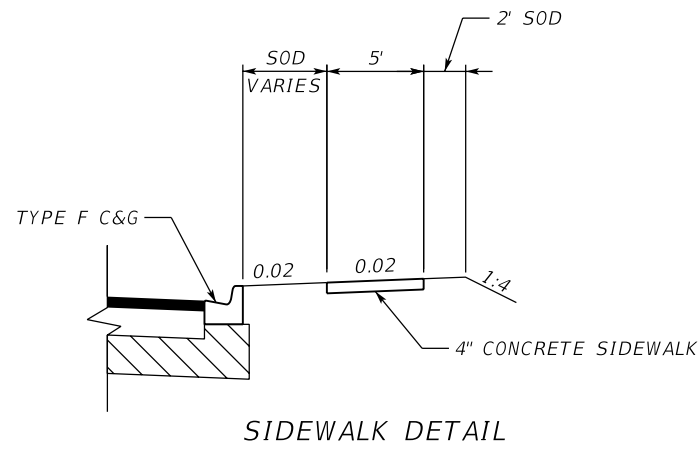
STA. 211+60.00 TO STA. 214+76.00
STA. 230+03.00 TO STA. 237+60.00



RAMP XX
CURB & GUTTER WITH SIDEWALK

STA. 237+60.00 TO STA. 243+72.22

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD., STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01	TYPICAL SECTION 26



SIDEWALK DETAIL*

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

RECONSTRUCTION

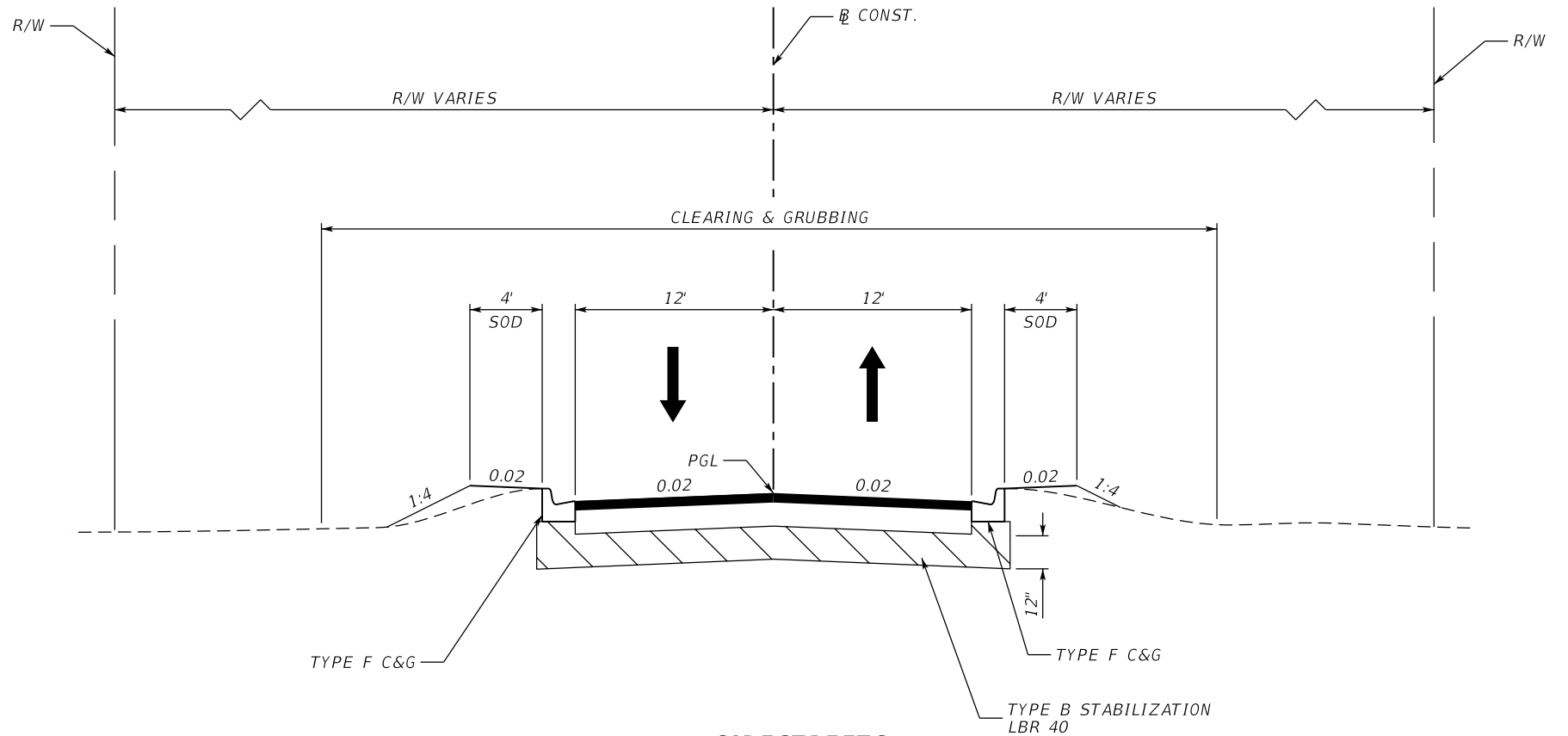
OPTIONAL BASE GROUP 3 WITH FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22 (PMA))

MILLING

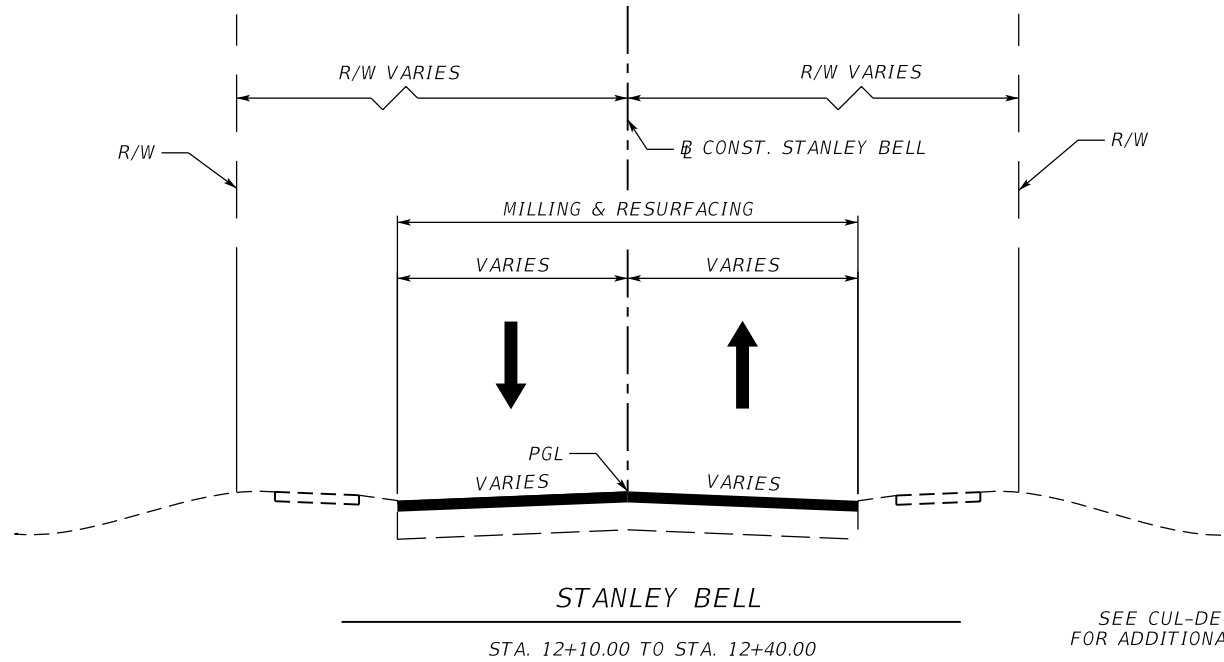
MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1 1/2")

RESURFACING

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



- GROVELAND ROAD STA. 10+12.00 TO STA. 10+85.00
- CURRIN BLVD. STA. 10+50.00 TO STA. 10+80.14
- PINECREST ROAD STA. 10+16.07 TO STA. 11+27.25
- STANLEY BELL DRIVE STA. 10+68.11 TO STA. 12+10.00
- POND ROAD STA. 6+45.00 TO STA. 9+69.20
- VERANDA WAY STA. 10+52.84 TO STA. 11+50.00
- SABASTIAN STREET STA. 2+49.93 TO STA. 3+60.00
- VISTA VIEW STA. 50+40.00 TO STA. 51+49.00
- NATOMA BLVD. STA. 30+55.44 TO STA. 32+95.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

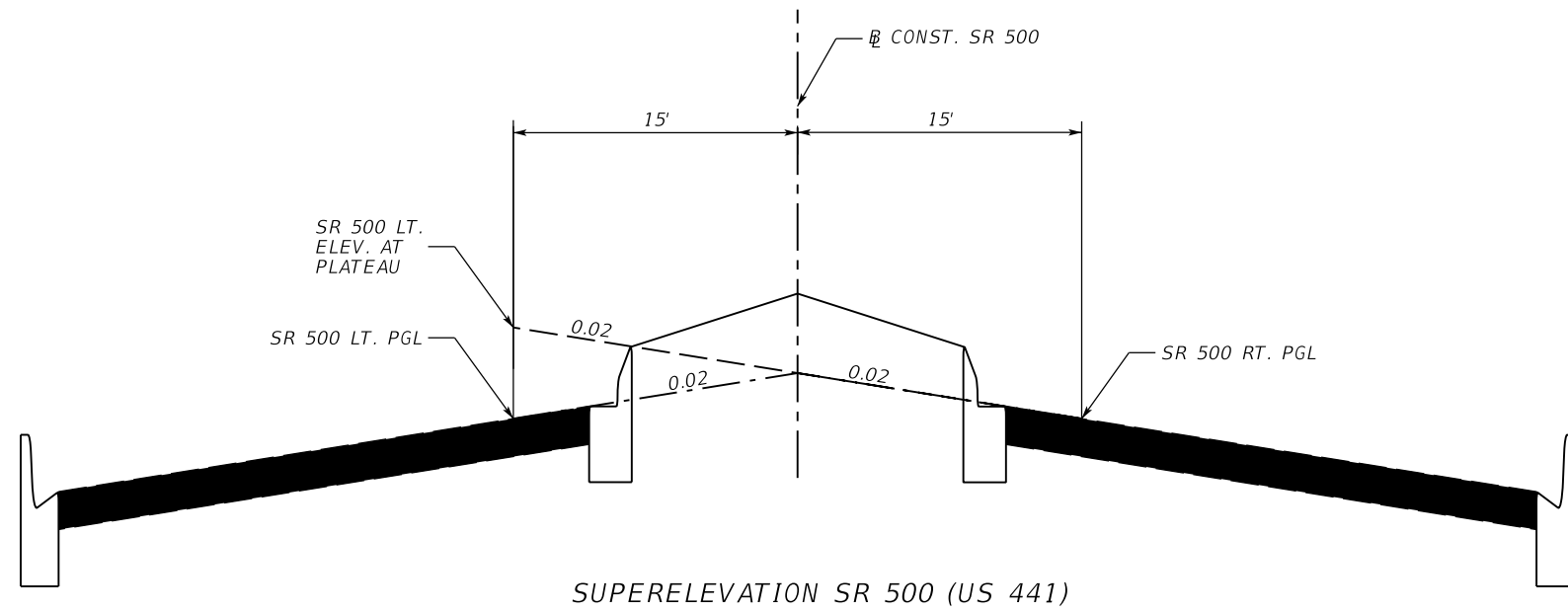
MOFFATT & NICHOL
1025 GREENWOOD BLVD, STE 371
LAKE MARY, FL 32746
PHONE (407) 562-2030
CERT. OF AUTH. NO. 4877

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

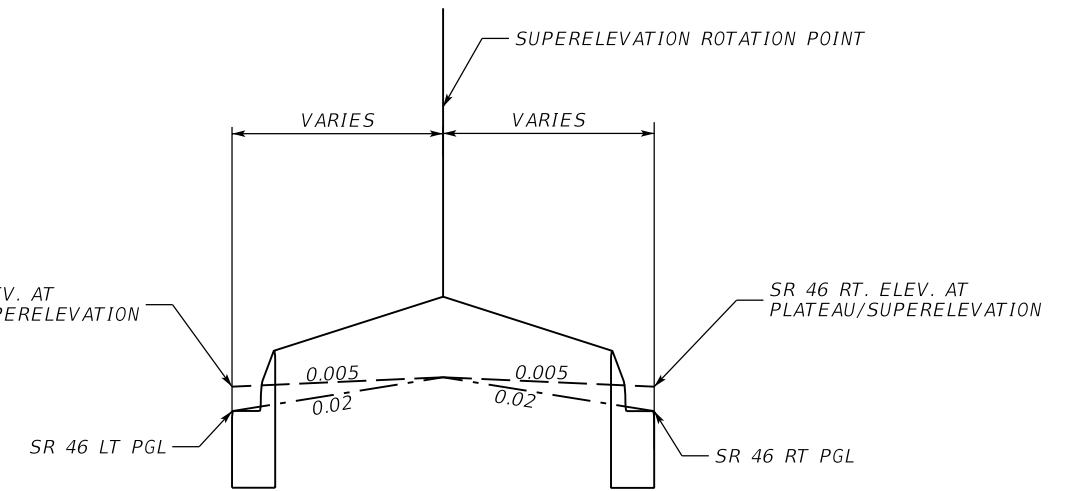
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
46	LAKE	238275-2-52-01

TYPICAL SECTION

27

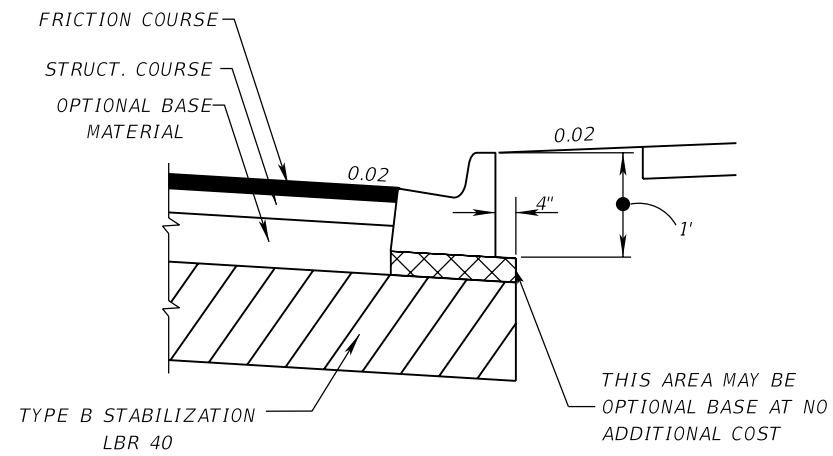


SUPERELEVATION SR 500 (US 441)

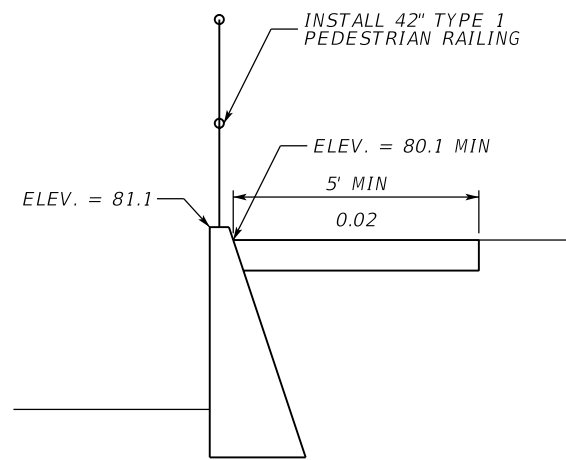


SUPERELEVATION SR 46

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

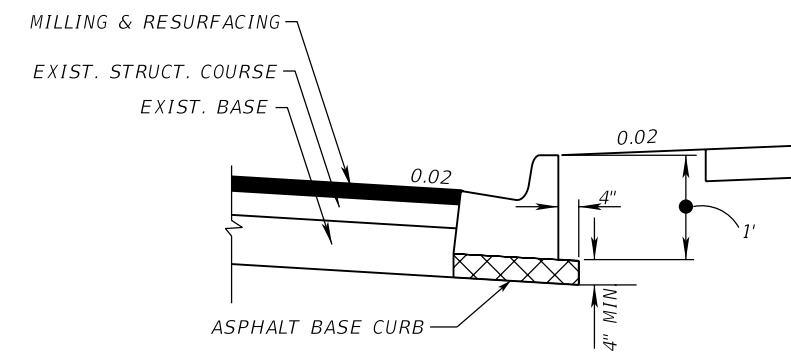


DETAIL OF CURB PAD



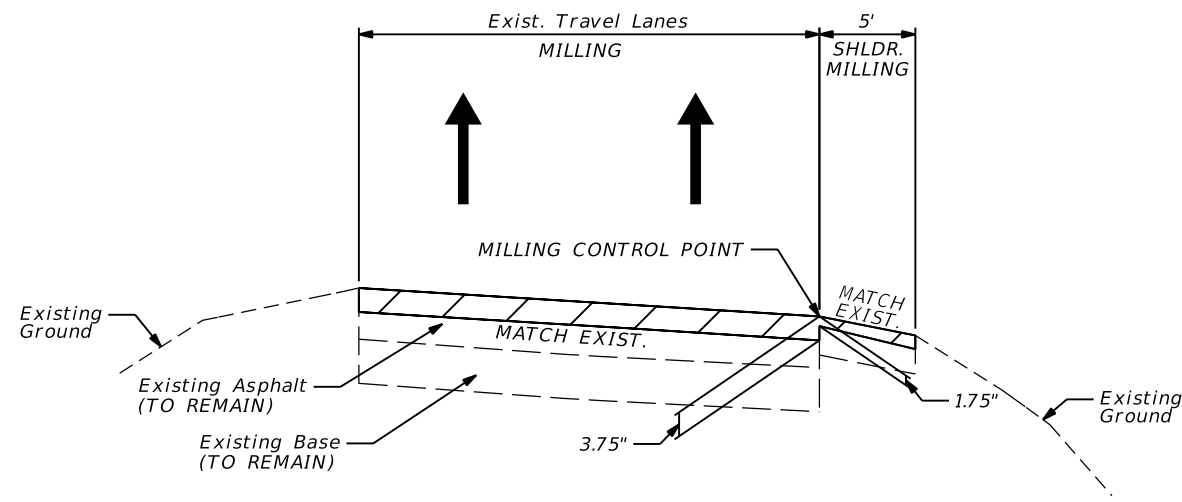
DETAIL OF GRAVITY WALL SIDEWALK

SR 46 STA. 64+50.00 TO STA. 74+53.39
SR 500 STA. 428+40.00 TO STA. 428+90.00

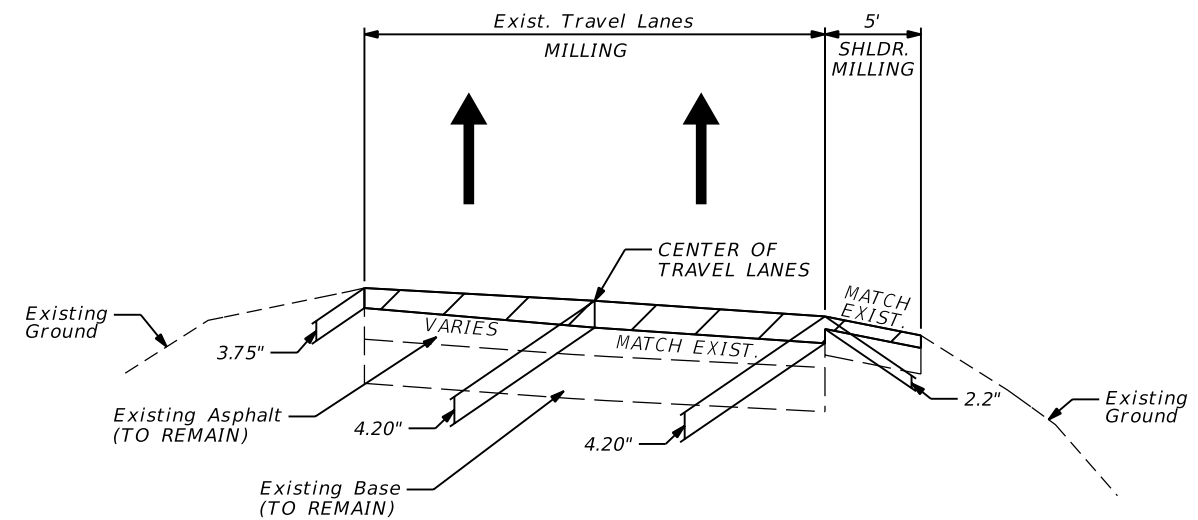


DETAIL OF ASPHALT BASE CURB PAD

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO. 28
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01		

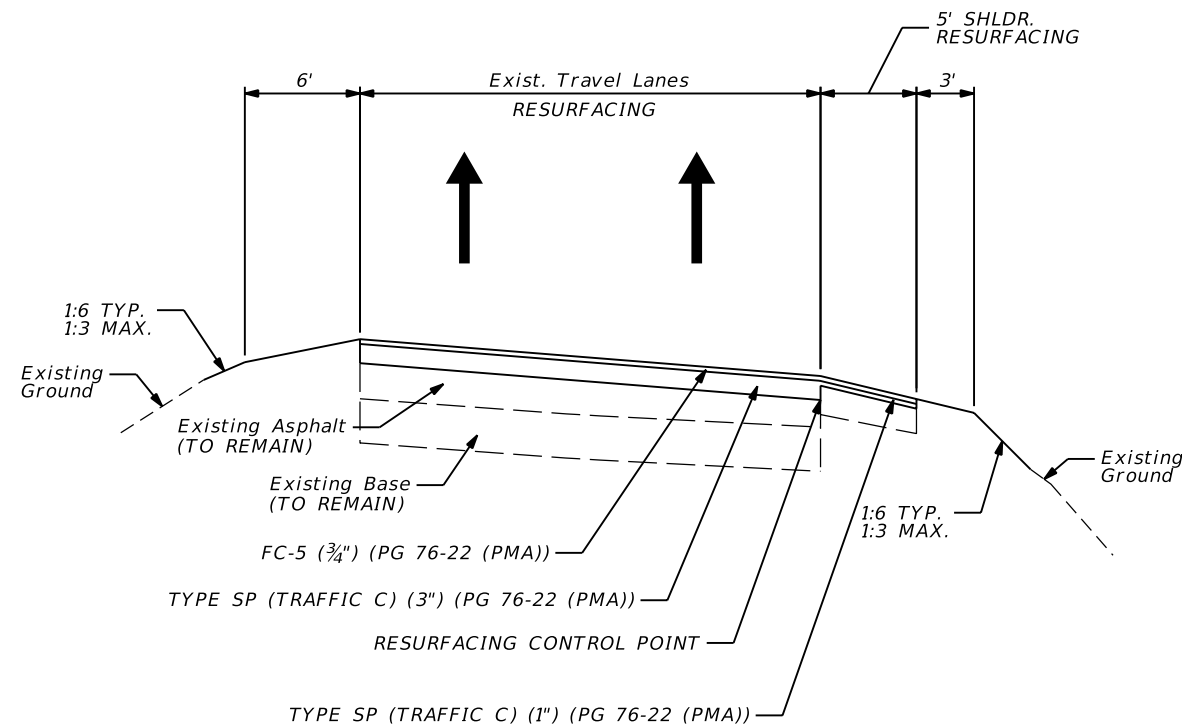


SR 500 MILLING DETAIL
 STA. 403+85.82 TO STA. 413+00.00 (LT)
 STA. 403+85.82 TO STA. 412+00.00 (RT)
 NTS

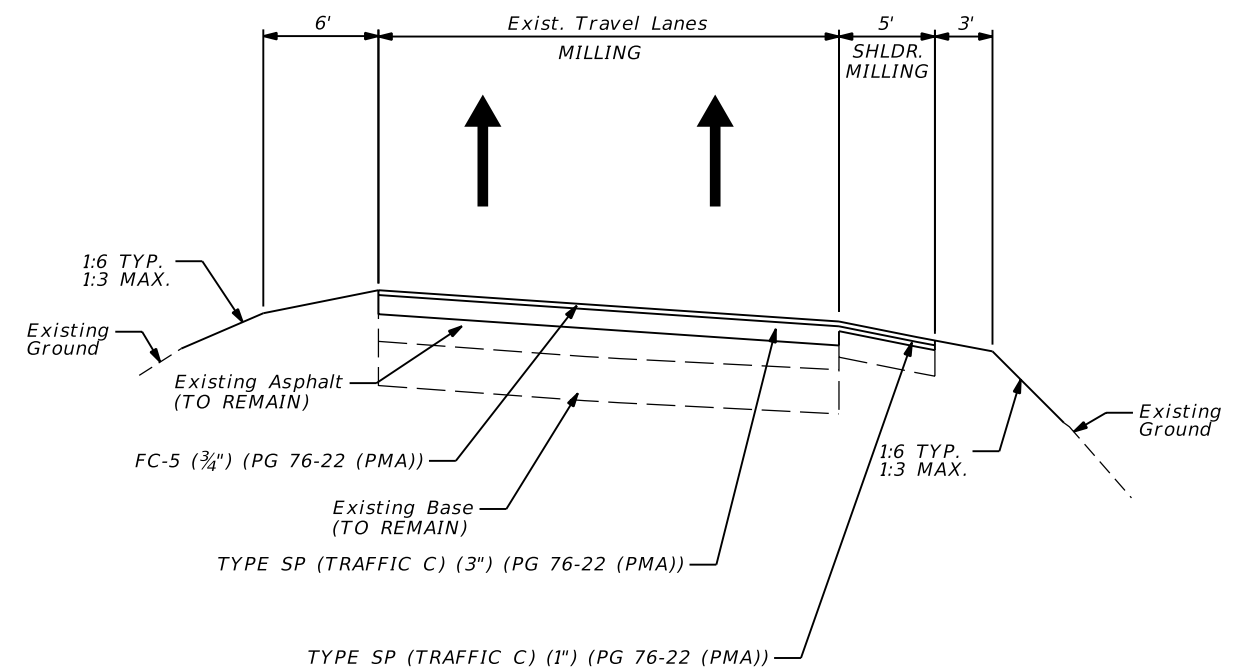


SR 500 MILLING DETAIL
 STA. 413+00.00 TO STA. 427+00.00 (LT)
 STA. 412+00.00 TO STA. 427+00.00 (RT)
 NTS

RIGHT SIDE SHOWN, LEFT SIDE IS SIMILAR BUT OPPOSITE.



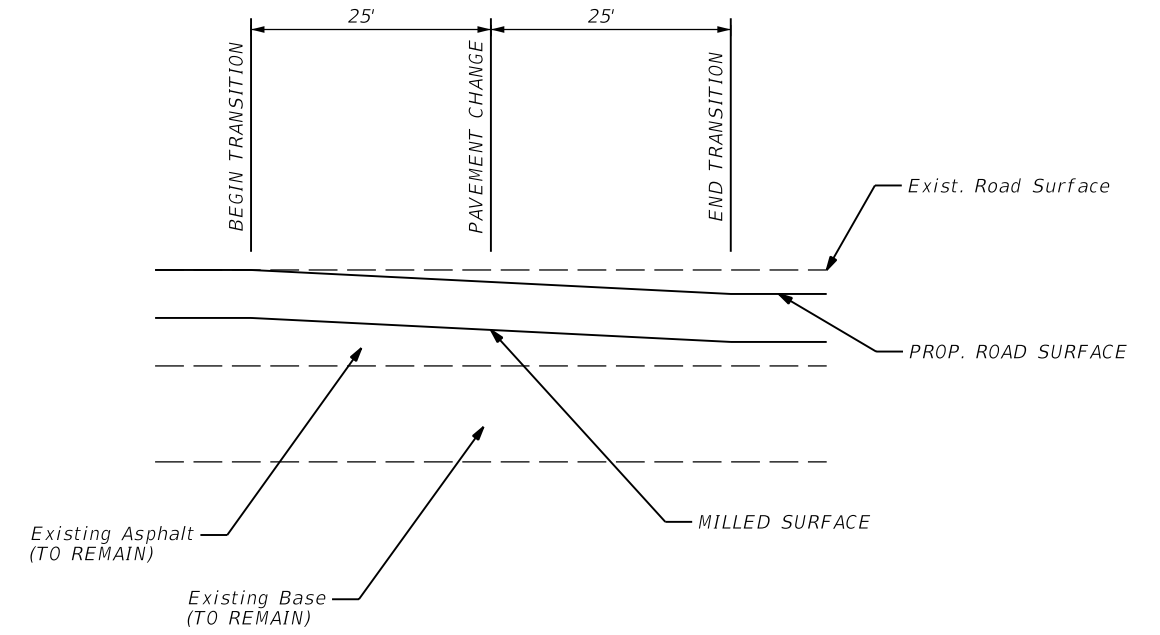
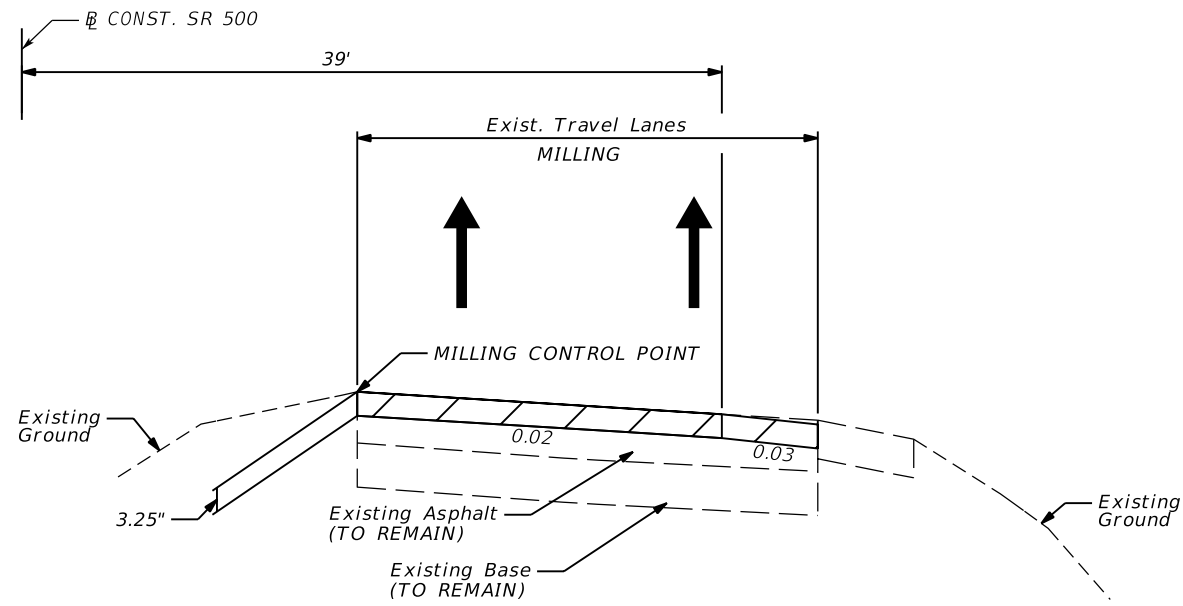
SR 500 RESURFACING DETAIL
 STA. 403+85.82 TO STA. 413+00.00 (LT)
 STA. 403+85.82 TO STA. 412+00.00 (RT)
 NTS



SR 500 RESURFACING DETAIL
 STA. 413+00.00 TO STA. 427+00.00 (LT)
 STA. 412+00.00 TO STA. 427+00.00 (RT)
 NTS

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD., STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01	29

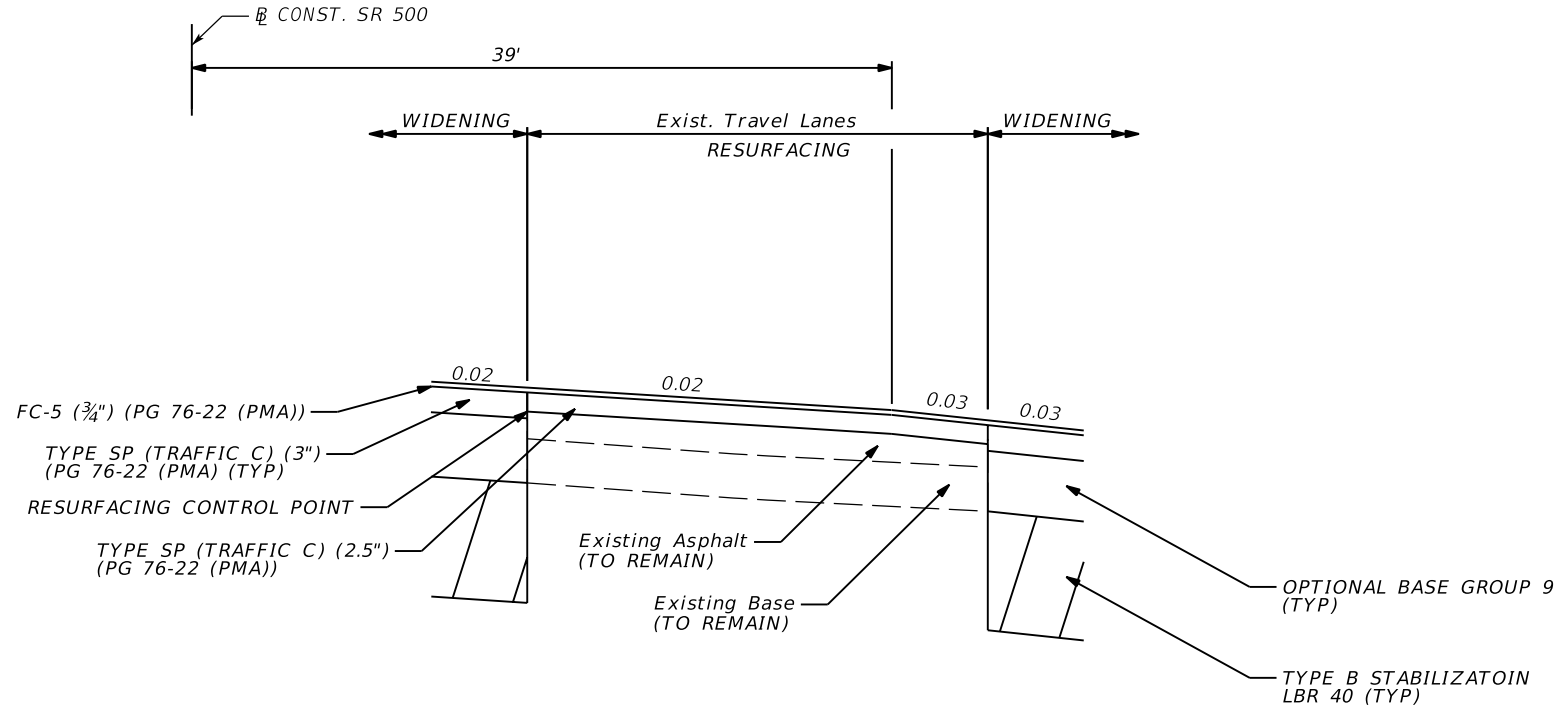
TYPICAL SECTION DETAILS



RIGHT SIDE SHOWN, LEFT SIDE IS SIMILAR BUT OPPOSITE.

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

SR 500 PAVEMENT TRANSITION DETAIL
 ALONG OUTSIDE EDGE OF TRAVEL
 NTS



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

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO. 30
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					46	LAKE	238275-2-52-01		

SUMMARY OF LUMP SUM ITEMS

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

SUMMARY OF GENERAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION TO STATION		SIDE	UNITS	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F			P	F				
0591 1 22	IRRIGATION SLEEVE, 2" DIAMETER	30+36.43		LT	LF	40		1195			
		37+01.98	to 37+12.78	LT		10					
		41+70.96	to 41+71.98	RT		50					
		51+07.00	to 51+08.22	LT		60					
		68+61.75	to 68+95.31	RT		40					
		70+35.28	to 70+57.89	RT		30					
		71+35.85	to 71+62.36	RT		30					
		79+64.37	to 79+64.63	RT		60					
		90+84.11	to 90+85.19	LT		60					
		409+90.78	to 410+99.14	LT		110					
		416+73.01	to 417+67.06	LT		100					
		426+11.81	to 426+11.93	RT		60					
		436+91.49	to 436+92.54	RT		80					
		437+65.09	to 437+65.50	LT		10					
		34+76.37	to 34+77.86	LT		10					
		31+36.18	to 31+52.93	LT		20				Natoma Blvd.	
		467+49.18	to 467+50.13	RT		85					
		470+47.00	to 473+81.92	LT/RT		340					
0591 1 23	IRRIGATION SLEEVE, 4" DIAMETER	62+48.03	to 62+48.63	LF	LF	60		1290			
		62+36.73	to 62+37.56	RT		60					
		67+17.62	to 67+27	LT/RT		130					
		68+61.75	to 68+95.31	RT		40					
		70+35.28	to 70+57.89	RT		30					
		71+35.85	to 71+62.36	RT		30					
		74+79.64	to 75+42.91	LT		70					
		73+65.49	to 73+92.44	RT		30					
		76+48.91	to 76+75.54	RT		30					
		77+92.71	to 78+22.50	RT		30					
		79+21.23	to 79+40.34	RT		20					
		82+37.00	to 83+23.18	RT		90					
		86+47.43	to 86+47.65	RT		60					
		436+80.47	to 436+81.36	LT/RT		160					
		449+44.79	to 449+47.36	RT		90					
		449+52.53	to 449+56.50	RT		90					
		449+47.48	to 449+48.98	LT		60					
		449+61.30	to 449+64.08	LT		60					
		459+84.63	to 459+86.02	RT		80					
		31+19.15	to 31+21.21	LT/RT		70				Natoma Blvd.	
0591 1 26	IRRIGATION SLEEVE, 6" DIAMETER	41+74.69	to 41+78.69	LT/RT	LF	120		170			
		46+44.91	to 46+87.60	RT		50					

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

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE I			PHASE II			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	P	F		
			DAYS	P	P	DAYS	P	P	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS	450	1	1	210			1			
0102 2 1	SPECIAL DETOUR 1	LS	450	1	1	210			1			
0102 2 2	SPECIAL DETOUR 2	LS	450	1	1	210			1			
0102 2 3	SPECIAL DETOUR 3	LS	450			210	1	1	1			
0102 2 4	SPECIAL DETOUR 4	LS	450			210	1	1	1			
0102 2 5	SPECIAL DETOUR 5	LS	450			210	1	1	1			
0102 2 6	SPECIAL DETOUR 6	LS	450	1	1	210			1			
0102 2 7	SPECIAL DETOUR 7	LS	450			210	1	1	1			
0102 2 8	SPECIAL DETOUR 8	LS	450	1	1	210			1			
0102 3	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE	CY	450	52	52	210			52		TEMPORARY VERANDA DRIVEWAY	
0102 60	WORK ZONE SIGN	ED	450		13715	210		4470	18185			
0102 71 11	BARRIER WALL, TEMPORARY, F&I, CONCRETE	LF	450	809	809	210			809			
0102 74 1	CHANNELIZING DEVICE - TYPES I, II, DI, VP, DRUM OR LCD	ED	450		139699	210	641	134610	274309			
0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	450		2770	210		3360	6130			
0102 89 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	450	6	6	210			6			
71011101	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID, 6"	GM	450	3	3	210	9	9	12			
71011131	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 10-30/3-9, 6"	GM	450	0.44	0.44	210	1.10	1.10	1.54			
71011141	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 2-4 DOTTED, 6"	GM	451	0.01	0.01	211	0.13	0.13	0.13			
71011170	PAINTED PAVEMENT MARKINGS, STD., WHITE, ARROWS	EA	450	5	5	210	13	13	18			
71011201	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID, 6"	GM	450	3	3	210	9	9	12			

0102 1 : INCLUDES TEMPORARY DRAINAGE PER THE TEMP. TRAFFIC CONTROL PLANS
 0102 1 : INCLUDES PCMS NECESSARY FOR LANE CLOSURES

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

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE III			TOTAL		GRAND TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	P	F	P	F		
			DAYS	P	P						
0102 1	MAINTENANCE OF TRAFFIC	LS	120					1			
0102 2 1	SPECIAL DETOUR 1	LS	120					1			
0102 2 2	SPECIAL DETOUR 2	LS	120					1			
0102 2 3	SPECIAL DETOUR 3	LS	120					1			
0102 2 4	SPECIAL DETOUR 4	LS	120					1			
0102 2 5	SPECIAL DETOUR 5	LS	120					1			
0102 2 6	SPECIAL DETOUR 6	LS	120					1			
0102 2 7	SPECIAL DETOUR 7	LS	120					1			
0102 2 8	SPECIAL DETOUR 8	LS	120					1			
0102 3	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE	CY	120					52			
0102 60	WORK ZONE SIGN	ED	120	4	480	480		18665			
0102 71 11	BARRIER WALL, TEMPORARY, F&I, CONCRETE	LF	120					809			
0102 74 1	CHANNELIZING DEVICE - TYPES I, II, DI, VP, DRUM OR LCD	ED	120	465	55800	55800		330109			
0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	120	3	360	360		6490			
0102 89 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	120					6			
71011101	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID, 6"	GM	120	7	7	7		19			
71011131	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 10-30/3-9, 6"	GM	120	0.46	0.46	0.46		2.00			
71011141	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 2-4 DOTTED, 6"	GM	120	0.03	0.03	0.03		0.17			
7111170	PAINTED PAVEMENT MARKINGS, STD., WHITE, ARROWS	EA	120	14	14	14		32			
71011201	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID, 6"	GM	120	4	4	4		16			

SUMMARY OF TEMPORARY SIGNALIZATION & DETECTION

PHASE	DURATION	0102104						0102107 1					
		TEMPORARY SIGNALS & MAINTENANCE OF INTERSECTION - EACH DAY						TEMPORARY TRAFFIC DETECTION & MAINTENANCE OF INTERSECTION - EACH DAY					
		EXISTING			TEMPORARY			EXISTING			TEMPORARY/NEW		
		DAYS	#	P	F	#	P	F	#	P	F	#	P
1	400	1	400										
1A	50	1	50										
2	150	1	150										
2A	60	1	60										
SUB-TOTAL			660										
TOTAL			660										

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01	SUMMARY OF QUANTITIES
								SQ-3

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11		0104 15		0104 18			
			LF		LF		EA		EA			
P	F	P	F	P	F	P	F	P	F			
32+62.62 to 32+80.83	LT		24.4									
32+84.86 to 33+09.17	LT		24.8									
42+60.10 to 46+32.15	RT		427.6									
43+50.00 to 46+50.00	LT		280.3									
48+00.00 to 53+32.78	LT		535.5									
51+59.23 to 57+63.15	RT		1393.7									
53+50.00 to 65+30.64	LT		1212.5									
60+44.70 to 66+00.00	RT		667.3									
68+00.00 to 68+65.65	RT		64.1									
68+94.20 to 70+38.20	RT		140.8									
70+58.38 to 71+38.01	RT		79.0									
71+61.41 to 73+68.61	RT		203.1									
74+00.00 to 76+50.00	RT		243.9									
76+50.00 to 80+26.96	LT		1289.3									
76+74.12 to 77+96.61	RT		123.3									
78+19.53 to 79+23.66	RT		119.2									
79+40.15 to 82+00.00	RT		259.9									
83+50.00 to 92+00.00	RT		850.4									
84+75.42 to 89+88.76	LT		760.5									
425+30.25 to 425+30.25	LT		24.7									
425+56.13 to 425+56.13	RT		24.9									
425+63.73 to 425+63.73	RT		24.9									
425+85.35 to 425+85.35	LT		24.9									
426+31.88 to 426+31.88	LT		25.7									
426+36.74 to 426+36.74	RT		26.1									
426+47.14 to 426+47.14	LT		24.9									
426+70.81 to 426+70.81	RT		24.9									
451+53.16 to 463+65.60	RT		1276.9									
457+00.39 to 457+00.47	RT		0.1									
457+11.82 to 477+52.40	LT		2044.8									
470+20.96 to 475+00.00	RT		479.0									
65+94.51 to 73+56.69	LT				786.9							
24+61.47 to 24+82.50	LT								1			
25+19.21 to 25+19.21	LT								1			
25+70.00 to 25+83.06	LT								1			
26+20.00 to 26+33.00	LT								1			
27+25.00 to 27+38.07	LT								1			
27+77.49 to 27+90.73	LT								1			
28+13.13 to 28+13.13	LT								1			
28+37.13 to 28+37.13	LT								1			
30+10.17 to 30+23.17	LT								1			
30+10.24 to 30+23.49	RT								1			
31+60.23 to 31+73.22	LT								1			
32+95.00 to 33+08.00	RT								1			
32+95.00 to 33+08.09	LT								1			
33+80.02 to 33+93.48	RT								1			
SUB-TOTAL:			12701.4		786.9				14			
TOTAL:			12701		787		4		135			

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

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS		
			0104 10 3		0104 11		0104 15		0104 18					
			LF		LF		EA		EA					
P	F	P	F	P	F	P	F	P	F					
34+10.02 to 34+23.38	RT									1				
34+40.00 to 34+53.49	LT									1				
35+54.31 to 35+54.44	LT									1				
35+58.31 to 35+58.44	LT									1				
35+98.26 to 35+98.61	LT									1				
36+16.60 to 36+16.90	RT									1				
36+57.00 to 36+70.41	LT									1				
36+87.51 to 37+00.52	RT									1				
38+10.00 to 38+23.03	RT									1				
38+17.50 to 38+22.50	LT									1				
39+37.14 to 39+50.79	LT									1				
39+45.11 to 39+57.97	RT									1				
39+46.27 to 39+51.42	LT									1				
40+32.13 to 40+45.91	LT									1				
41+86.61 to 42+00.12	LT									1				
41+87.10 to 42+00.06	RT									1				
41+96.85 to 42+09.27	RT									1				
42+00.51 to 42+12.17	RT									1				
42+32.10 to 42+45.09	RT									1				
45+29.63 to 45+43.11	LT									1				
45+36.05 to 45+45.13	RT									1				
45+37.50 to 45+42.50	LT									1				
45+38.10 to 45+45.88	RT									1				
46+31.00 to 46+36.00	LT									1				
46+31.82 to 46+37.03	RT									1				
46+50.98 to 46+56.29	RT									1				
46+64.63 to 46+78.19	LT									1				
48+60.00 to 48+73.06	LT									1				
50+03.10 to 50+16.38	LT									1				
50+05.00 to 50+18.25	RT									1				
53+05.00 to 53+18.00	LT									1				
53+05.00 to 53+18.00	RT									1				
53+11.07 to 53+18.55	RT									1				
53+11.25 to 53+18.73	RT									1				
54+80.33 to 54+93.30	RT									1				
55+21.42 to 55+34.33	RT									1				
55+22.00 to 55+35.38	RT									1				
56+11.40 to 56+18.53	RT									1				
56+90.00 to 57+10.00	LT									1				
56+92.74 to 57+12.68	RT									1				
59+85.00 to 59+98.08	RT									1				
61+89.82 to 62+10.19	RT									1				
61+89.82 to 62+10.19	RT									1				
61+90.17 to 62+09.82	LT									1				
61+90.17 to 62+09.82	LT									1				
67+39.82 to 67+60.19	RT									1				
67+92.14 to 68+07.86	LT									1				
SUB-TOTAL:													47	

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

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS		
			0104 10 3		0104 11		0104 15		0104 18					
			LF		LF		EA		EA					
P	F	P	F	P	F	P	F	P	F					
69+06.95 to 69+20.18	RT									1				
69+07.54 to 69+18.36	LT									1				
71+81.97 to 71+92.79	LT									1				
72+39.82 to 72+60.18	RT									1				
72+92.14 to 73+08.01	LT									1				
72+96.95 to 73+10.18	RT									1				
74+16.95 to 74+30.18	RT									1				
74+91.63 to 74+98.76	LT									1				
75+28.31 to 75+35.60	LT									1				
77+57.50 to 77+62.50	RT									1				
77+70.00 to 77+83.30	RT									1				
77+75.00 to 77+88.30	LT									1				
78+89.99 to 79+09.99	LT									1				
78+90.01 to 79+10.01	RT									1				
83+90.00 to 84+10.00	LT									1				
83+90.00 to 84+10.00	RT									1				
86+97.00 to 87+10.00	LT									1				
86+97.00 to 87+10.00	RT									1				
93+27.00 to 93+40.20	RT									1				
93+27.00 to 93+40.37	LT									1				
427+82.00 to 427+95.00	LT									1				
428+40.50 to 428+53.50	LT									1				
428+40.50 to 428+53.50	RT									1				
428+82.00 to 428+95.00	RT									1				
429+26.00 to 429+39.00	RT									1				
429+70.00 to 429+83.00	RT									1				
438+77.00 to 438+90.00	LT									1				
438+77.00 to 438+90.00	RT									1				
440+41.00 to 440+54.03	RT									1				
441+07.00 to 441+20.02	RT									1				
441+07.50 to 441+12.50	LT									1				
441+27.50 to 441+32.50	LT									1				
441+57.50 to 441+62.50	LT									1				
445+57.50 to 445+62.50	RT									1				
445+57.50 to 445+62.50	RT									1				
445+70.01 to 445+83.01	RT									1				
445+77.50 to 445+82.50	RT									1				
445+77.50 to 445+82.50	RT									1				
445+77.52 to 445+82.52	RT									1				
445+77.52 to 445+82.52	RT									1				
446+30.00 to 446+43.28	LT									1				
446+54.00 to 446+67.28	LT									1				
446+61.50 to 446+66.50	RT									1				
446+61.50 to 446+66.50	RT									1				
446+78.00 to 446+91.28	LT									1				
447+02.00 to 447+15.28	LT									1				
447+36.20 to 447+49.48	LT									1				
SUB-TOTAL:													47	

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

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1				0107 2					
	AREA ID				CYCLES	AREA		AREA ID	CYCLES	AREA				
						AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F			
1	24+69.85 TO 27+40.00	RT	450	30	47647	15	0.157	2.355						
1	24+69.95 TO 27+40.00	LT	450	30	47636	15	0.182	2.730						
1	27+40.00 TO 27+48.10	RT	450	30	47654	15	0.003	0.045						
1	27+40.00 TO 32+80.00	LT	450	30	47658	15	0.864	12.960						
1	27+73.40 TO 32+80.00	RT	450	30	47732	15	0.613	9.195						
1	32+80.00 TO 33+21.41	LT	450	30	47741	15	0.048	0.720						
1	32+80.00 TO 33+32.40	RT	450	30	47757	15	0.083	1.245						
1	33+64.02 TO 38+20.00	LT	450	30	47746	15	1.450	21.750						
1	33+64.13 TO 38+20.00	RT	450	30	47762	15	1.594	23.910						
1	37+80.16 TO 45+11.99	RT	450	30	47832	15	3.577	53.655						
1	38+13.15 TO 43+60.00	RT	450	30	47769	15	1.631	24.465						
1	38+20.00 TO 43+60.00	LT/RT	450	30	47783	15	1.444	21.660						
1	38+32.22 TO 38+98.95	RT	450	30	47817	15	0.008	0.120						
1	38+98.95 TO 40+08.88	RT	450	30	47822	15	0.006	0.090						
1	40+08.94 TO 43+60.00	RT	450	30	47845	15	0.142	2.130						
1	43+60.00 TO 49+00.00	LT/RT	450	30	47798	15	1.759	26.385						
1	43+60.00 TO 46+70.98	RT	450	30	47850	15	0.484	7.260						
1	43+60.00 TO 46+34.42	RT	450	30	47859	15	0.227	3.405						
1	44+62.76 TO 46+17.04	RT	450	30	47865	15	0.305	4.575						
1	45+32.43 TO 46+22.80	RT	450	30	47878	15	0.089	1.335						
1	45+64.98 TO 46+55.72	RT	450	30	47885	15	0.054	0.810						
1	46+04.75 TO 46+40.87	RT	450	30	47873	15	0.019	0.285						
1	46+38.25 TO 46+83.50	RT	450	30	47892	15	0.030	0.450						
1	46+55.98 TO 47+42.23	RT	450	30	47914	15	0.089	1.335						
1	46+60.95 TO 49+00.00	RT	450	30	47898	15	0.347	5.205						
1	46+83.50 TO 49+00.00	RT	450	30	47909	15	0.208	3.120						
1	46+91.91 TO 53+65.70	RT	450	30	47918	15	2.996	44.940						
1	49+00.00 TO 54+40.00	RT	450	30	47925	15	0.874	13.110						
1	49+00.00 TO 54+40.00	RT	450	30	47937	15	0.595	8.925						
1	49+00.00 TO 54+40.00	LT/RT	450	30	47961	15	1.163	17.445						
1	49+00.00 TO 54+40.00	LT	450	30	47969	15	0.342	5.130						
1	53+77.76 TO 61+32.50	RT	450	30	48077	15	5.821	87.315						
1	54+40.00 TO 55+27.19	LT	450	30	47976	15	0.051	0.765						
1	54+40.00 TO 59+80.00	LT/RT	450	30	47981	15	1.481	22.215						
1	57+16.64 TO 57+16.64	RT	450	30	47946	15	1.530	22.950						
1	59+80.00 TO 65+20.00	LT/RT	450	30	48085	15	1.485	22.275						
1	59+80.00 TO 65+20.00	RT	450	30	48096	15	0.296	4.440						
1	59+80.00 TO 61+97.03	RT	450	30	48109	15	0.425	6.375						
1	65+20.00 TO 70+60.00	LT/RT	450	30	48125	15	1.185	17.775						
1	65+20.00 TO 70+60.00	RT	450	30	48136	15	0.231	3.465						
1	70+60.00 TO 76+00.00	LT/RT	450	30	48142	15	1.212	18.180						
1	70+60.00 TO 76+00.00	RT	450	30	48153	15	0.169	2.535						
1	76+00.00 TO 81+40.00	LT/RT	450	30	48158	15	1.404	21.060						
1	76+00.00 TO 81+40.00	RT	450	30	48166	15	0.215	3.225						
1	81+40.00 TO 86+80.00	LT/RT	450	30	48173	15	1.612	24.180						
1	81+40.00 TO 86+80.00	RT	450	30	48180	15	0.246	3.690						
1	86+80.00 TO 92+20.00	LT/RT	450	30	48186	15	1.757	26.355						
					SUB-TOTAL :				SUB-TOTAL :					
					TOTAL :				TOTAL :				950.39	

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

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS				
					0107 1				0107 2									
	AREA ID				CYCLES	AREA		AREA ID	CYCLES	AREA								
						AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F							
1	86+80.00 TO 92+20.00	RT	450	30	48205	15	0.288	4.320										
1	90+50.51 TO 92+20.00	LT	450	30	48248	15	0.271	4.065										
1	90+90.98 TO 94+73.16	LT	450	30	48255	15	1.348	20.220										
1	92+20.00 TO 92+60.63	RT	450	30	48216	15	0.042	0.630										
1	92+20.00 TO 97+60.00	LT/RT	450	30	48232	15	1.568	23.520										
1	92+20.00 TO 94+74.35	LT	450	30	48240	15	0.588	8.820										
1	92+80.46 TO 97+60.00	RT	450	30	48222	15	0.357	5.355										
1	403+80.00 TO 409+60.00	LT	450	30	48571	15	0.779	11.685										
1	403+80.00 TO 409+60.00	RT	450	30	48596	15	0.786	11.790										
1	404+02.75 TO 409+60.00	LT/RT	450	30	48580	15	0.289	4.335										
1	409+60.00 TO 415+00.00	RT	450	30	48536	15	0.876	13.140										
1	409+60.00 TO 410+14.48	LT	450	30	48554	15	0.063	0.945										
1	409+60.00 TO 410+15.50	LT/RT	450	30	48559	15	0.028	0.420										
1	410+14.75 TO 410+73.91	LT/RT	450	30	48545	15	0.025	0.375										
1	410+49.47 TO 415+00.00	LT	450	30	48443	15	0.569	8.535										
1	410+71.15 TO 415+00.00	LT/RT	450	30	48449	15	0.248	3.720										
1	415+00.00 TO 417+13.90	LT	450	30	48407	15	0.313	4.695										
1	415+00.00 TO 416+84.17	LT/RT	450	30	48422	15	0.100	1.500										
1	415+00.00 TO 417+03.02	RT	450	30	48429	15	0.377	5.655										
1	417+23.22 TO 420+40.00	RT	450	30	48388	15	0.694	10.410										
1	417+36.71 TO 420+40.00	LT	450	30	48375	15	0.419	6.285										
1	417+64.57 TO 420+40.00	LT/RT	450	30	48383	15	0.161	2.415										
1	420+40.00 TO 425+80.00	LT	450	30	48338	15	0.829	12.435										
1	420+40.00 TO 425+80.00	LT/RT	450	30	48348	15	0.474	7.110										
1	420+40.00 TO 425+80.00	RT	450	30	48358	15	1.165	17.475										
1	425+80.00 TO 431+20.00	LT	450	30	48313	15	0.933	13.995										
1	425+80.00 TO 431+20.00	LT/RT	450	30	48323	15	1.289	19.335										
1	425+80.00 TO 427+01.71	LT/RT	450	30	48330	15	0.081	1.215										
1	431+20.00 TO 436+60.00	LT	450	30	48294	15	0.708	10.620										
1	431+20.00 TO 436+60.00	LT/RT	450	30	48304	15	1.764	26.460										
1	436+60.00 TO 439+74.70	LT	450	30	48270	15	0.246	3.690										
1	436+60.00 TO 441+99.99	LT/RT	450	30	48276	15	3.462	51.930										
1	437+73.49 TO 441+95.95	RT	450	30	48285	15	0.493	7.395										
1	437+90.00 TO 442+10.91	LT	450	30	48262	15	0.364	5.460										
1	444+36.59 TO 448+99.79	RT	450	30	48634	15	1.474	22.110										
1	444+94.63 TO 448+59.13	LT	450	30	48620	15	0.365	5.475										
1	445+40.00 TO 447+74.22	LT	450	30	48606	15	0.200	3.000										
1	445+40.00 TO 450+80.00	LT/RT	450	30	48625	15	2.527	37.905										
1	446+52.27 TO 449+09.24	LT	450	30	48613	15	0.233	3.495										
1	448+99.79 TO 449+56.94	RT	450	30	48641	15	0.010	0.150										
1	449+01.99 TO 450+85.43	LT	450	30	48645	15	0.235	3.525										
1	449+06.29 TO 454+70.39	LT	450	30	48651	15	0.196	2.940										
1	450+78.76 TO 456+20.00	LT	450	30	48657	15	1.408	21.120										
1	450+80.00 TO 456+20.00	LT/RT	450	30	48666	15	1.882	28.230										
1	456+20.00 TO 461+60.00	LT	450	30	48675	15	1.068	16.020										
1	456+20.00 TO 461+60.00	LT/RT	450	30	48685	15	1.955	29.325										
1	459+44.17 TO 461+60.00	LT/RT	450	30	48694	15	0.094	1.410										
1	461+60.00 TO 467+00.00	LT	450	30	48699	15	1.236	18.540										
					SUB-TOTAL :				523.20						SUB-TOTAL :			

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

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1				0107 2					
	AREA ID				CYCLES	AREA		AREA ID	CYCLES	AREA				
						AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F			
1	461+60.00 TO 467+00.00	LT/RT	450	30	48707	15	0.483	7.245						
1	461+60.00 TO 467+00.00	RT	450	30	48715	15	1.413	21.195						
1	463+54.01 TO 465+02.21	RT	450	30	48833	15	0.746	11.190						
1	463+58.21 TO 467+00.00	RT	450	30	48818	15	0.140	2.100						
1	464+30.79 TO 468+39.18	RT	450	30	48826	15	3.232	48.480						
1	467+00.00 TO 472+40.00	LT	450	30	48723	15	0.697	10.455						
1	467+00.00 TO 471+11.18	LT/RT	450	30	48760	15	0.254	3.810						
1	467+00.00 TO 472+40.00	RT	450	30	48770	15	0.718	10.770						
1	467+00.00 TO 468+41.57	RT	450	30	48804	15	0.202	3.030						
1	471+93.05 TO 472+40.00	LT/RT	450	30	48798	15	0.021	0.315						
1	472+40.00 TO 477+80.00	LT	450	30	48778	15	0.690	10.350						
1	472+40.00 TO 477+80.00	LT/RT	450	30	48783	15	0.481	7.215						
1	472+40.00 TO 477+80.00	RT	450	30	48790	15	0.683	10.245						
2	24+69.81 TO 27+40.00	RT	210	30	96377	7	0.155	1.085						
2	24+69.81 TO 27+40.00	RT	210	30	97387	7	0.155	1.085						
2	24+70.21 TO 27+40.00	LT	210	30	96367	7	0.182	1.274						
2	24+70.21 TO 27+40.00	LT	210	30	97377	7	0.182	1.274						
2	27+40.00 TO 32+80.00	LT	210	30	96384	7	0.444	3.108						
2	27+40.00 TO 32+80.00	RT	210	30	96400	7	0.766	5.362						
2	27+40.00 TO 32+80.00	LT	210	30	97394	7	0.444	3.108						
2	27+40.00 TO 32+80.00	RT	210	30	97410	7	0.766	5.362						
2	29+22.17 TO 32+80.00	LT/RT	210	30	96411	7	0.099	0.693						
2	29+22.17 TO 32+80.00	LT/RT	210	30	97421	7	0.099	0.693						
2	31+09.67 TO 32+37.36	LT	210	30	96434	7	0.189	1.323						
2	31+09.67 TO 32+37.36	LT	210	30	97444	7	0.189	1.323						
2	31+09.98 TO 31+36.41	LT	210	30	96426	7	0.027	0.189						
2	31+09.98 TO 31+36.41	LT	210	30	97436	7	0.027	0.189						
2	31+56.33 TO 31+70.15	LT	210	30	96420	7	0.019	0.133						
2	31+56.33 TO 31+70.15	LT	210	30	97430	7	0.019	0.133						
2	32+80.00 TO 35+69.51	LT/RT	210	30	96446	7	1.175	8.225						
2	32+80.00 TO 33+70.44	LT	210	30	96454	7	0.018	0.126						
2	32+80.00 TO 35+62.90	LT	210	30	96461	7	0.735	5.145						
2	32+80.00 TO 35+69.51	LT/RT	210	30	97456	7	1.175	8.225						
2	32+80.00 TO 33+70.44	LT	210	30	97464	7	0.018	0.126						
2	32+80.00 TO 35+62.90	LT	210	30	97471	7	0.735	5.145						
2	36+08.70 TO 37+64.17	LT	210	30	97327	7	0.110	0.770						
2	36+08.70 TO 37+64.17	LT	210	30	98337	7	0.110	0.770						
2	36+12.75 TO 38+20.00	LT/RT	210	30	96474	7	0.828	5.796						
2	36+12.75 TO 38+20.00	LT/RT	210	30	97484	7	0.828	5.796						
2	36+28.20 TO 38+88.07	LT	210	30	97370	7	0.298	2.086						
2	36+28.20 TO 38+88.07	LT	210	30	98380	7	0.298	2.086						
2	37+00.50 TO 37+32.06	RT	210	30	97184	7	0.001	0.007						
2	37+00.50 TO 37+32.06	RT	210	30	98194	7	0.001	0.007						
2	37+80.16 TO 45+11.99	RT	210	30	96523	7	3.577	25.039						
2	37+80.16 TO 45+11.99	RT	210	30	97533	7	3.577	25.039						
2	38+13.15 TO 43+60.00	LT/RT	210	30	96494	7	2.157	15.099						
2	38+13.15 TO 43+60.00	LT/RT	210	30	97504	7	2.157	15.099						
2	38+32.22 TO 38+98.95	RT	210	30	96509	7	0.008	0.056						
SUB-TOTAL :								297.38	SUB-TOTAL :					

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

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1				0107 2					
	AREA ID				CYCLES	AREA		AREA ID	CYCLES	AREA				
						AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)			
		P	F	P	F	P	F							
2	38+32.22 TO 38+98.95	RT	210	30	97519	7	0.008	0.056						
2	38+72.15 TO 43+60.00	LT	210	30	96484	7	0.126	0.882						
2	38+72.15 TO 43+60.00	LT	210	30	97494	7	0.126	0.882						
2	38+87.95 TO 43+60.00	LT	210	30	97359	7	0.545	3.815						
2	38+87.95 TO 43+60.00	LT	210	30	98369	7	0.545	3.815						
2	38+98.95 TO 40+08.88	RT	210	30	96513	7	0.006	0.042						
2	38+98.95 TO 40+08.88	RT	210	30	97523	7	0.006	0.042						
2	40+08.94 TO 43+60.00	RT	210	30	96536	7	0.142	0.994						
2	40+08.94 TO 43+60.00	RT	210	30	97546	7	0.142	0.994						
2	43+60.00 TO 45+14.78	LT	210	30	96540	7	0.035	0.245						
2	43+60.00 TO 49+00.00	LT	210	30	96545	7	0.579	4.053						
2	43+60.00 TO 47+01.65	LT	210	30	96583	7	0.090	0.630						
2	43+60.00 TO 46+47.08	LT/RT	210	30	96590	7	0.880	6.160						
2	43+60.00 TO 46+03.45	RT	210	30	96596	7	0.201	1.407						
2	43+60.00 TO 45+14.78	LT	210	30	97550	7	0.035	0.245						
2	43+60.00 TO 49+00.00	LT	210	30	97555	7	0.579	4.053						
2	43+60.00 TO 47+01.65	LT	210	30	97593	7	0.090	0.630						
2	43+60.00 TO 46+47.08	LT/RT	210	30	97600	7	0.880	6.160						
2	43+60.00 TO 46+03.45	RT	210	30	97606	7	0.201	1.407						
2	44+62.76 TO 45+88.93	RT	210	30	96601	7	0.259	1.813						
2	44+62.76 TO 45+88.93	RT	210	30	97611	7	0.259	1.813						
2	45+32.43 TO 45+54.45	RT	210	30	96607	7	0.006	0.042						
2	45+32.43 TO 45+54.45	RT	210	30	97617	7	0.006	0.042						
2	45+54.30 TO 46+55.72	RT	210	30	96622	7	0.165	1.155						
2	45+54.30 TO 46+55.72	RT	210	30	97632	7	0.165	1.155						
2	45+85.28 TO 46+17.04	RT	210	30	96616	7	0.009	0.063						
2	45+85.28 TO 46+17.04	RT	210	30	97626	7	0.009	0.063						
2	46+04.75 TO 46+83.50	RT	210	30	96645	7	0.071	0.497						
2	46+04.75 TO 46+83.50	RT	210	30	97655	7	0.071	0.497						
2	46+08.83 TO 46+34.42	RT	210	30	96611	7	0.008	0.056						
2	46+08.83 TO 46+34.42	RT	210	30	97621	7	0.008	0.056						
2	46+17.04 TO 49+00.00	LT/RT	210	30	96629	7	0.807	5.649						
2	46+17.04 TO 49+00.00	LT/RT	210	30	97639	7	0.807	5.649						
2	46+55.98 TO 47+42.23	RT	210	30	96650	7	0.089	0.623						
2	46+55.98 TO 47+42.23	RT	210	30	97660	7	0.089	0.623						
2	46+83.50 TO 49+00.00	RT	210	30	96639	7	0.208	1.456						
2	46+83.50 TO 49+00.00	RT	210	30	97649	7	0.208	1.456						
2	46+91.91 TO 53+65.70	RT	210	30	96660	7	2.996	20.972						
2	46+91.91 TO 53+65.70	RT	210	30	97670	7	2.996	20.972						
2	47+30.34 TO 49+00.00	LT	210	30	96655	7	0.038	0.266						
2	47+30.34 TO 49+00.00	LT	210	30	97665	7	0.038	0.266						
2	49+00.00 TO 54+40.00	RT	210	30	96667	7	0.595	4.165						
2	49+00.00 TO 54+40.00	LT/RT	210	30	96676	7	1.709	11.963						
2	49+00.00 TO 54+40.00	LT	210	30	96689	7	0.225	1.575						
2	49+00.00 TO 54+40.00	LT	210	30	96698	7	0.342	2.394						
2	49+00.00 TO 54+40.00	RT	210	30	97677	7	0.595	4.165						
2	49+00.00 TO 54+40.00	LT/RT	210	30	97686	7	1.709	11.963						
2	49+00.00 TO 54+40.00	LT	210	30	97699	7	0.225	1.575						
SUB-TOTAL :								139.50	SUB-TOTAL :					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

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

SUMMARY OF QUANTITIES

SHEET NO. SQ-11

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1				0107 2					
	AREA ID				CYCLES	AREA		AREA ID	CYCLES	AREA				
						AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F			
2	49+00.00 TO 54+40.00	LT	210	30	97708	7	0.342	2.394						
2	49+61.69 TO 52+32.99	LT	210	30	96685	7	0.031	0.217						
2	49+61.69 TO 52+32.99	LT	210	30	97695	7	0.031	0.217						
2	53+77.76 TO 61+32.50	RT	210	30	96741	7	5.821	40.747						
2	53+77.76 TO 61+32.50	RT	210	30	97751	7	5.821	40.747						
2	54+40.00 TO 55+27.19	LT	210	30	96705	7	0.051	0.357						
2	54+40.00 TO 59+80.00	LT	210	30	96710	7	0.557	3.899						
2	54+40.00 TO 59+80.00	LT/RT	210	30	96717	7	1.458	10.206						
2	54+40.00 TO 59+80.00	RT	210	30	96730	7	0.942	6.594						
2	54+40.00 TO 55+27.19	LT	210	30	97715	7	0.051	0.357						
2	54+40.00 TO 59+80.00	LT	210	30	97720	7	0.557	3.899						
2	54+40.00 TO 59+80.00	LT/RT	210	30	97727	7	1.458	10.206						
2	54+40.00 TO 59+80.00	RT	210	30	97740	7	0.942	6.594						
2	59+80.00 TO 61+97.03	RT	210	30	96749	7	0.425	2.975						
2	59+80.00 TO 65+20.00	LT	210	30	96755	7	0.542	3.794						
2	59+80.00 TO 65+20.00	LT/RT	210	30	96764	7	1.178	8.246						
2	59+80.00 TO 61+97.03	RT	210	30	97759	7	0.425	2.975						
2	59+80.00 TO 65+20.00	LT	210	30	97765	7	0.542	3.794						
2	59+80.00 TO 65+20.00	LT/RT	210	30	97774	7	1.178	8.246						
2	65+20.00 TO 70+60.00	LT	210	30	96777	7	0.198	1.386						
2	65+20.00 TO 70+60.00	LT/RT	210	30	96787	7	1.150	8.050						
2	65+20.00 TO 70+60.00	LT	210	30	97787	7	0.198	1.386						
2	65+20.00 TO 70+60.00	LT/RT	210	30	97797	7	1.150	8.050						
2	67+78.86 TO 70+60.00	LT	210	30	96782	7	0.054	0.378						
2	67+78.86 TO 70+60.00	LT	210	30	97792	7	0.054	0.378						
2	70+60.00 TO 74+97.42	LT	210	30	96794	7	0.160	1.120						
2	70+60.00 TO 71+04.21	LT	210	30	96811	7	0.005	0.035						
2	70+60.00 TO 76+00.00	LT/RT	210	30	96815	7	1.107	7.749						
2	70+60.00 TO 74+97.42	LT	210	30	97804	7	0.160	1.120						
2	70+60.00 TO 71+04.21	LT	210	30	97821	7	0.005	0.035						
2	70+60.00 TO 76+00.00	LT/RT	210	30	97825	7	1.107	7.749						
2	74+36.28 TO 74+89.39	LT	210	30	96801	7	0.017	0.119						
2	74+36.28 TO 74+89.39	LT	210	30	97811	7	0.017	0.119						
2	74+88.81 TO 75+02.04	LT	210	30	96823	7	0.023	0.161						
2	74+88.81 TO 75+02.04	LT	210	30	97833	7	0.023	0.161						
2	75+23.73 TO 75+37.60	LT	210	30	96832	7	0.024	0.168						
2	75+23.73 TO 75+37.60	LT	210	30	97842	7	0.024	0.168						
2	75+29.20 TO 76+00.00	LT	210	30	96840	7	0.040	0.280						
2	75+29.20 TO 76+00.00	LT	210	30	97850	7	0.040	0.280						
2	75+73.18 TO 76+00.00	LT	210	30	96846	7	0.009	0.063						
2	75+73.18 TO 76+00.00	LT	210	30	97856	7	0.009	0.063						
2	76+00.00 TO 81+40.00	LT	210	30	96851	7	0.408	2.856						
2	76+00.00 TO 80+43.18	LT	210	30	96860	7	0.085	0.595						
2	76+00.00 TO 81+40.00	LT/RT	210	30	96867	7	1.211	8.477						
2	76+00.00 TO 81+40.00	LT	210	30	97861	7	0.408	2.856						
2	76+00.00 TO 80+43.18	LT	210	30	97870	7	0.085	0.595						
2	76+00.00 TO 81+40.00	LT/RT	210	30	97877	7	1.211	8.477						
2	78+67.64 TO 82+31.83	LT	210	30	96878	7	4.209	29.463						
SUB-TOTAL :								248.80	SUB-TOTAL :					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

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

SUMMARY OF QUANTITIES

SHEET NO. SQ-12

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS	
					0107 1				0107 2						
	AREA ID				CYCLES	AREA		AREA ID	CYCLES	AREA					
						AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F				
2	78+67.64 TO 82+31.83	LT	210	30	97888	7	4.209	29.463							
2	78+76.92 TO 81+40.00	LT	210	30	96888	7	0.518	3.626							
2	78+76.92 TO 81+40.00	LT	210	30	97898	7	0.518	3.626							
2	80+79.44 TO 85+40.60	LT	210	30	96896	7	2.904	20.328							
2	80+79.44 TO 85+40.60	LT	210	30	97906	7	2.904	20.328							
2	81+40.00 TO 84+86.98	LT	210	30	96904	7	0.694	4.858							
2	81+40.00 TO 86+80.00	LT/RT	210	30	96909	7	1.319	9.233							
2	81+40.00 TO 86+80.00	LT	210	30	96915	7	0.482	3.374							
2	81+40.00 TO 84+86.98	LT	210	30	97914	7	0.694	4.858							
2	81+40.00 TO 86+80.00	LT/RT	210	30	97919	7	1.319	9.233							
2	81+40.00 TO 86+80.00	LT	210	30	97925	7	0.482	3.374							
2	86+80.00 TO 92+20.00	LT	210	30	96922	7	0.614	4.298							
2	86+80.00 TO 92+20.00	LT/RT	210	30	96951	7	1.391	9.737							
2	86+80.00 TO 92+20.00	LT	210	30	97932	7	0.614	4.298							
2	86+80.00 TO 92+20.00	LT/RT	210	30	97961	7	1.391	9.737							
2	90+50.51 TO 92+20.00	LT	210	30	96930	7	0.271	1.897							
2	90+50.51 TO 92+20.00	LT	210	30	97940	7	0.271	1.897							
2	90+90.98 TO 94+73.16	LT	210	30	96936	7	1.348	9.436							
2	90+90.98 TO 94+73.16	LT	210	30	97946	7	1.348	9.436							
2	92+20.00 TO 94+74.35	LT	210	30	96943	7	0.588	4.116							
2	92+20.00 TO 94+00.00	LT	210	30	96960	7	0.050	0.350							
2	92+20.00 TO 94+00.00	LT/RT	210	30	96965	7	0.583	4.081							
2	92+20.00 TO 94+74.35	LT	210	30	97953	7	0.588	4.116							
2	92+20.00 TO 94+00.00	LT	210	30	97970	7	0.050	0.350							
2	92+20.00 TO 94+00.00	LT/RT	210	30	97975	7	0.583	4.081							
2	403+80.58 TO 409+60.00	RT	210	30	96992	7	0.780	5.460							
2	403+80.58 TO 409+60.00	RT	210	30	98002	7	0.780	5.460							
2	403+87.37 TO 409+60.00	LT	210	30	96975	7	0.757	5.299							
2	403+87.37 TO 409+60.00	LT	210	30	97985	7	0.757	5.299							
2	404+02.75 TO 409+60.00	LT/RT	210	30	96983	7	0.289	2.023							
2	404+02.75 TO 409+60.00	LT/RT	210	30	97993	7	0.289	2.023							
2	409+60.00 TO 410+14.48	LT	210	30	97001	7	0.063	0.441							
2	409+60.00 TO 410+15.50	LT/RT	210	30	97006	7	0.028	0.196							
2	409+60.00 TO 415+00.00	RT	210	30	97019	7	0.876	6.132							
2	409+60.00 TO 410+14.48	LT	210	30	98011	7	0.063	0.441							
2	409+60.00 TO 410+15.50	LT/RT	210	30	98016	7	0.028	0.196							
2	409+60.00 TO 415+00.00	RT	210	30	98029	7	0.876	6.132							
2	410+14.75 TO 410+73.91	LT/RT	210	30	97010	7	0.025	0.175							
2	410+14.75 TO 410+73.91	LT/RT	210	30	98020	7	0.025	0.175							
2	410+49.47 TO 415+00.00	LT	210	30	97033	7	0.569	3.983							
2	410+49.47 TO 415+00.00	LT	210	30	98043	7	0.569	3.983							
2	410+71.15 TO 415+00.00	LT/RT	210	30	97028	7	0.248	1.736							
2	410+71.15 TO 415+00.00	LT/RT	210	30	98038	7	0.248	1.736							
2	415+00.00 TO 417+13.90	LT	210	30	97039	7	0.313	2.191							
2	415+00.00 TO 416+84.17	LT/RT	210	30	97048	7	0.100	0.700							
2	415+00.00 TO 417+01.00	RT	210	30	97055	7	0.372	2.604							
2	415+00.00 TO 417+13.90	LT	210	30	98049	7	0.313	2.191							
2	415+00.00 TO 416+84.17	LT/RT	210	30	98058	7	0.100	0.700							
					SUB-TOTAL :				239.41					SUB-TOTAL :	

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

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1				0107 2					
	AREA ID				CYCLES	AREA		AREA ID	CYCLES	AREA				
						AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F			
2	415+00.00 TO 417+01.00	RT	210	30	98065	7	0.372	2.604						
2	417+23.22 TO 420+40.00	RT	210	30	97077	7	0.694	4.858						
2	417+23.22 TO 420+40.00	RT	210	30	98087	7	0.694	4.858						
2	417+36.71 TO 420+40.00	LT	210	30	97064	7	0.419	2.933						
2	417+36.71 TO 420+40.00	LT	210	30	98074	7	0.419	2.933						
2	417+64.57 TO 420+40.00	LT/RT	210	30	97072	7	0.161	1.127						
2	417+64.57 TO 420+40.00	LT/RT	210	30	98082	7	0.161	1.127						
2	420+40.00 TO 425+80.00	RT	210	30	97086	7	1.161	8.127						
2	420+40.00 TO 425+80.00	LT/RT	210	30	97101	7	0.472	3.304						
2	420+40.00 TO 425+80.00	LT	210	30	97112	7	0.834	5.838						
2	420+40.00 TO 425+80.00	RT	210	30	98096	7	1.161	8.127						
2	420+40.00 TO 425+80.00	LT/RT	210	30	98111	7	0.472	3.304						
2	420+40.00 TO 425+80.00	LT	210	30	98122	7	0.834	5.838						
2	425+80.00 TO 431+20.00	RT	210	30	97123	7	0.785	5.495						
2	425+80.00 TO 429+95.35	LT/RT	210	30	97131	7	0.182	1.274						
2	425+80.00 TO 431+20.00	LT/RT	210	30	97139	7	1.483	10.381						
2	425+80.00 TO 431+20.00	RT	210	30	98133	7	0.785	5.495						
2	425+80.00 TO 429+95.35	LT/RT	210	30	98141	7	0.182	1.274						
2	425+80.00 TO 431+20.00	LT/RT	210	30	98149	7	1.483	10.381						
2	431+20.00 TO 436+60.00	LT/RT	210	30	97148	7	1.677	11.739						
2	431+20.00 TO 436+60.00	RT	210	30	97155	7	0.798	5.586						
2	431+20.00 TO 436+60.00	LT/RT	210	30	98158	7	1.677	11.739						
2	431+20.00 TO 436+60.00	RT	210	30	98165	7	0.798	5.586						
2	436+60.00 TO 441+99.99	LT/RT	210	30	97162	7	2.198	15.386						
2	436+60.00 TO 441+99.96	RT	210	30	97168	7	1.381	9.667						
2	436+60.00 TO 441+99.99	LT/RT	210	30	98172	7	2.198	15.386						
2	436+60.00 TO 441+99.96	RT	210	30	98178	7	1.381	9.667						
2	437+73.49 TO 441+95.95	RT	210	30	97174	7	0.493	3.451						
2	437+73.49 TO 441+95.95	RT	210	30	98184	7	0.493	3.451						
2	437+90.00 TO 442+10.91	LT	210	30	97179	7	0.514	3.598						
2	437+90.00 TO 442+10.91	LT	210	30	98189	7	0.514	3.598						
2	444+36.31 TO 448+99.79	RT	210	30	97346	7	1.646	11.522						
2	444+36.31 TO 448+99.79	RT	210	30	98356	7	1.646	11.522						
2	444+94.63 TO 449+09.24	LT	210	30	97194	7	0.915	6.405						
2	444+94.63 TO 449+09.24	LT	210	30	98204	7	0.915	6.405						
2	445+40.00 TO 447+74.22	LT	210	30	97189	7	0.262	1.834						
2	445+40.00 TO 450+85.43	LT/RT	210	30	97202	7	1.660	11.620						
2	445+40.00 TO 447+74.22	LT	210	30	98199	7	0.262	1.834						
2	445+40.00 TO 450+85.43	LT/RT	210	30	98212	7	1.660	11.620						
2	447+97.48 TO 450+80.00	RT	210	30	97339	7	0.429	3.003						
2	447+97.48 TO 450+80.00	RT	210	30	98349	7	0.429	3.003						
2	448+99.79 TO 449+56.94	RT	210	30	97221	7	0.010	0.070						
2	448+99.79 TO 449+56.94	RT	210	30	98231	7	0.010	0.070						
2	449+06.29 TO 454+70.39	LT	210	30	97211	7	0.196	1.372						
2	449+06.29 TO 454+70.39	LT	210	30	98221	7	0.196	1.372						
2	450+78.08 TO 456+20.00	LT/RT	210	30	97234	7	2.209	15.463						
2	450+78.08 TO 456+20.00	LT/RT	210	30	98244	7	2.209	15.463						
2	450+80.00 TO 456+20.00	RT	210	30	97225	7	0.900	6.300						
SUB-TOTAL :								297.01	SUB-TOTAL :					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				46	LAKE	238275-2-52-01			

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1				0107 2					
	STA. TO STA.				AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA			
							AC/ CYCLE	TOTAL (AC)			AC/ CYCLE	TOTAL (AC)		
			P	F			P	F						
2	450+80.00 TO 456+20.00	RT	210	30	98235	7	0.900	6.300						
2	456+20.00 TO 461+60.00	LT/RT	210	30	97242	7	1.730	12.110						
2	456+20.00 TO 461+60.00	RT	210	30	97252	7	1.264	8.848						
2	456+20.00 TO 461+60.00	LT/RT	210	30	98252	7	1.730	12.110						
2	456+20.00 TO 461+60.00	RT	210	30	98262	7	1.264	8.848						
2	461+60.00 TO 467+00.00	LT/RT	210	30	97260	7	1.904	13.328						
2	461+60.00 TO 467+00.00	RT	210	30	97267	7	1.246	8.722						
2	461+60.00 TO 467+00.00	LT/RT	210	30	98270	7	1.904	13.328						
2	461+60.00 TO 467+00.00	RT	210	30	98277	7	1.246	8.722						
2	463+54.01 TO 465+02.21	RT	210	30	97280	7	0.746	5.222						
2	463+54.01 TO 465+02.21	RT	210	30	98290	7	0.746	5.222						
2	463+58.21 TO 467+00.00	RT	210	30	97274	7	0.140	0.980						
2	463+58.21 TO 467+00.00	RT	210	30	98284	7	0.140	0.980						
2	464+30.79 TO 468+39.18	RT	210	30	97286	7	3.232	22.624						
2	464+30.79 TO 468+39.18	RT	210	30	98296	7	3.232	22.624						
2	467+00.00 TO 472+40.00	LT/RT	210	30	97293	7	1.360	9.520						
2	467+00.00 TO 472+40.00	RT	210	30	97299	7	0.555	3.885						
2	467+00.00 TO 468+41.57	RT	210	30	97307	7	0.202	1.414						
2	467+00.00 TO 472+40.00	LT/RT	210	30	98303	7	1.360	9.520						
2	467+00.00 TO 472+40.00	RT	210	30	98309	7	0.555	3.885						
2	467+00.00 TO 468+41.57	RT	210	30	98317	7	0.202	1.414						
2	472+40.00 TO 477+50.00	LT/RT	210	30	97313	7	1.277	8.939						
2	472+40.00 TO 477+50.00	RT	210	30	97319	7	0.496	3.472						
2	472+40.00 TO 477+50.00	LT/RT	210	30	98323	7	1.277	8.939						
2	472+40.00 TO 477+50.00	RT	210	30	98329	7	0.496	3.472						
3	24+70.00 TO 24+96.91	LT	120	30	98474	4	0.026	0.104						
3	24+70.00 TO 27+40.00	RT	120	30	98483	4	0.143	0.572						
3	25+15.33 TO 27+40.00	LT	120	30	98492	4	0.111	0.444						
3	26+67.17 TO 27+40.00	LT/RT	120	30	98502	4	0.005	0.020						
3	27+40.00 TO 27+48.01	RT	120	30	98506	4	0.003	0.012						
3	27+40.00 TO 28+14.48	LT	120	30	98511	4	0.057	0.228						
3	27+40.00 TO 32+80.00	LT/RT	120	30	98529	4	0.348	1.392						
3	27+73.59 TO 32+80.00	RT	120	30	98519	4	0.458	1.832						
3	28+33.98 TO 32+80.00	LT	120	30	98536	4	0.323	1.292						
3	31+09.67 TO 32+37.36	LT	120	30	98549	4	0.189	0.756						
3	31+09.98 TO 31+36.41	LT	120	30	98561	4	0.027	0.108						
3	31+56.33 TO 31+70.15	LT	120	30	98569	4	0.019	0.076						
3	32+80.00 TO 35+02.53	RT	120	30	98575	4	0.609	2.436						
3	32+80.00 TO 34+56.82	LT/RT	120	30	98582	4	0.138	0.552						
3	32+80.00 TO 34+96.08	LT	120	30	99676	4	0.550	2.200						
3	35+40.41 TO 35+75.00	RT	120	30	98601	4	0.054	0.216						
3	35+41.35 TO 35+74.09	LT	120	30	98597	4	0.047	0.188						
3	35+95.92 TO 37+64.17	LT	120	30	99721	4	0.163	0.652						
3	36+15.42 TO 38+20.00	RT	120	30	99689	4	0.568	2.272						
3	36+24.03 TO 38+20.00	LT	120	30	99652	4	0.333	1.332						
3	36+50.90 TO 38+19.99	LT/RT	120	30	98607	4	0.161	0.644						
3	37+80.16 TO 45+11.99	RT	120	30	98674	4	3.577	14.308						
3	38+13.15 TO 43+60.00	RT	120	30	98644	4	0.293	1.172						
SUB-TOTAL :								237.24	SUB-TOTAL :					

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

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1				0107 2					
	STA. TO STA.				AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA			
							AC/ CYCLE	TOTAL (AC)			AC/ CYCLE	TOTAL (AC)		
			P	F			P	F						
3	38+18.03 TO 43+60.00	RT	120	30	98635	4	0.949	3.796						
3	38+20.00 TO 43+60.00	LT/RT	120	30	98620	4	0.584	2.336						
3	38+20.00 TO 39+27.20	LT	120	30	99605	4	0.041	0.164						
3	38+32.22 TO 38+98.95	RT	120	30	98656	4	0.008	0.032						
3	38+91.47 TO 43+60.00	LT	120	30	99611	4	0.575	2.300						
3	38+98.95 TO 40+08.88	RT	120	30	98660	4	0.006	0.024						
3	40+08.94 TO 43+60.00	RT	120	30	98670	4	0.142	0.568						
3	43+60.00 TO 49+00.00	LT	120	30	98687	4	0.579	2.316						
3	43+60.00 TO 47+01.65	LT	120	30	98722	4	0.090	0.360						
3	43+60.00 TO 49+00.00	LT/RT	120	30	98729	4	0.496	1.984						
3	43+60.00 TO 46+34.42	RT	120	30	98746	4	0.227	0.908						
3	43+60.00 TO 46+74.02	RT	120	30	98759	4	0.510	2.040						
3	44+62.76 TO 46+17.04	RT	120	30	98751	4	0.305	1.220						
3	45+32.43 TO 46+20.97	RT	120	30	98776	4	0.085	0.340						
3	45+64.98 TO 46+55.72	RT	120	30	98784	4	0.045	0.180						
3	46+04.75 TO 46+36.67	RT	120	30	98771	4	0.016	0.064						
3	46+39.61 TO 46+83.50	RT	120	30	98792	4	0.029	0.116						
3	46+55.98 TO 47+42.23	RT	120	30	98851	4	0.089	0.356						
3	46+60.52 TO 49+00.00	RT	120	30	98798	4	0.325	1.300						
3	46+83.50 TO 49+00.00	RT	120	30	98855	4	0.208	0.832						
3	46+91.91 TO 53+65.70	RT	120	30	98870	4	2.996	11.984						
3	47+30.34 TO 49+00.00	LT	120	30	98741	4	0.038	0.152						
3	49+00.00 TO 54+40.00	LT	120	30	98810	4	0.342	1.368						
3	49+00.00 TO 54+40.00	LT	120	30	98817	4	0.225	0.900						
3	49+00.00 TO 54+40.00	LT/RT	120	30	98826	4	0.570	2.280						
3	49+00.00 TO 54+40.00	RT	120	30	98831	4	0.349	1.396						
3	49+00.00 TO 54+40.00	RT	120	30	98839	4	0.336	1.344						
3	49+00.00 TO 54+40.00	RT	120	30	98861	4	0.595	2.380						
3	53+77.76 TO 61+32.50	RT	120	30	98877	4	5.821	23.284						
3	54+40.00 TO 55+27.19	LT	120	30	98885	4	0.051	0.204						
3	54+40.00 TO 59+80.00	LT	120	30	98890	4	0.557	2.228						
3	54+40.00 TO 59+80.00	LT/RT	120	30	98897	4	0.570	2.280						
3	54+40.00 TO 55+82.85	RT	120	30	98904	4	0.037	0.148						
3	54+40.00 TO 59+80.00	RT	120	30	98909	4	0.942	3.768						
3	54+40.00 TO 59+80.00	RT	120	30	98919	4	0.306	1.224						
3	59+80.00 TO 61+97.03	RT	120	30	98935	4	0.425	1.700						
3	59+80.00 TO 65+20.00	LT	120	30	98942	4	0.542	2.168						
3	59+80.00 TO 65+20.00	LT/RT	120	30	98951	4	0.570	2.280						
3	59+80.00 TO 65+20.00	RT	120	30	98958	4	0.260	1.040						
3	65+20.00 TO 70+60.00	LT	120	30	98971	4	0.198	0.792						
3	65+20.00 TO 70+60.00	LT/RT	120	30	98976	4	0.570	2.280						
3	65+20.00 TO 70+60.00	RT	120	30	98981	4	0.292	1.168						
3	70+60.00 TO 74+97.42	LT	120	30	98986	4	0.160	0.640						
3	70+60.00 TO 76+00.00	LT/RT	120	30	99027	4	0.570	2.280						
3	70+60.00 TO 76+00.00	RT	120	30	99032	4	0.344	1.376						
3	74+36.28 TO 74+89.39	LT	120	30	98993	4	0.017	0.068						
3	74+88.81 TO 75+02.04	LT	120	30	99003	4	0.023	0.092						
3	75+23.73 TO 75+37.60	LT	120	30	99013	4	0.024	0.096						
SUB-TOTAL :								92.16	SUB-TOTAL :					

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

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1				0107 2					
	AREA ID				CYCLES	AREA		AREA ID	CYCLES	AREA				
						AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)			
		P	F			P	F							
3	75+29.20 TO 76+00.00	LT	120	30	99022	4	0.040	0.160						
3	76+00.00 TO 81+40.00	LT	120	30	99037	4	0.408	1.632						
3	76+00.00 TO 81+40.00	LT/RT	120	30	99046	4	0.570	2.280						
3	76+00.00 TO 81+40.00	RT	120	30	99055	4	0.380	1.520						
3	78+67.64 TO 82+31.83	LT	120	30	99062	4	4.209	16.836						
3	78+76.92 TO 81+40.00	LT	120	30	99072	4	0.518	2.072						
3	80+79.44 TO 85+40.60	LT	120	30	99080	4	2.904	11.616						
3	81+40.00 TO 84+86.98	LT	120	30	99088	4	0.694	2.776						
3	81+40.00 TO 86+80.00	LT	120	30	99093	4	0.482	1.928						
3	81+40.00 TO 86+80.00	LT/RT	120	30	99100	4	0.570	2.280						
3	81+40.00 TO 82+50.63	RT	120	30	99105	4	0.074	0.296						
3	83+00.63 TO 86+80.00	RT	120	30	99112	4	0.275	1.100						
3	86+80.00 TO 92+20.00	LT	120	30	99140	4	0.614	2.456						
3	86+80.00 TO 92+20.00	LT/RT	120	30	99149	4	0.570	2.280						
3	86+80.00 TO 92+20.00	RT	120	30	99177	4	0.473	1.892						
3	90+50.51 TO 92+20.00	LT	120	30	99125	4	0.271	1.084						
3	90+90.98 TO 94+73.16	LT	120	30	99118	4	1.348	5.392						
3	92+20.00 TO 94+74.35	LT	120	30	99132	4	0.588	2.352						
3	92+20.00 TO 94+00.00	LT	120	30	99156	4	0.050	0.200						
3	92+20.00 TO 92+60.63	RT	120	30	99161	4	0.063	0.252						
3	92+20.00 TO 94+00.00	LT/RT	120	30	99186	4	0.190	0.760						
3	92+80.85 TO 94+00.00	RT	120	30	99168	4	0.133	0.532						
3	403+80.58 TO 409+60.00	RT	120	30	99567	4	0.617	2.468						
3	403+87.37 TO 409+60.00	LT	120	30	99593	4	0.757	3.028						
3	404+02.75 TO 409+60.00	LT/RT	120	30	99584	4	0.289	1.156						
3	409+60.00 TO 415+00.00	RT	120	30	99546	4	0.860	3.440						
3	409+60.00 TO 410+15.50	LT/RT	120	30	99557	4	0.028	0.112						
3	409+60.00 TO 410+14.48	LT	120	30	99562	4	0.063	0.252						
3	410+14.75 TO 410+73.91	LT/RT	120	30	99537	4	0.025	0.100						
3	410+49.47 TO 415+00.00	LT	120	30	99530	4	0.569	2.276						
3	410+71.15 TO 415+00.00	LT/RT	120	30	99525	4	0.248	0.992						
3	415+00.00 TO 417+02.37	LT	120	30	99481	4	0.287	1.148						
3	415+00.00 TO 416+84.17	LT/RT	120	30	99489	4	0.100	0.400						
3	415+00.00 TO 417+01.00	RT	120	30	99496	4	0.372	1.488						
3	416+71.50 TO 416+98.34	RT	120	30	99505	4	0.016	0.064						
3	416+81.21 TO 417+03.95	LT	120	30	99476	4	0.026	0.104						
3	417+22.40 TO 417+52.23	RT	120	30	99510	4	0.019	0.076						
3	417+23.22 TO 420+40.00	RT	120	30	99516	4	0.694	2.776						
3	417+36.71 TO 420+40.00	LT	120	30	99461	4	0.388	1.552						
3	417+38.34 TO 417+62.60	LT	120	30	99471	4	0.027	0.108						
3	417+64.57 TO 420+40.00	LT/RT	120	30	99456	4	0.161	0.644						
3	420+40.00 TO 425+80.00	LT/RT	120	30	99417	4	0.470	1.880						
3	420+40.00 TO 425+80.00	RT	120	30	99429	4	1.165	4.660						
3	420+40.00 TO 425+80.00	LT	120	30	99444	4	0.818	3.272						
3	425+80.00 TO 431+20.00	LT/RT	120	30	99394	4	0.405	1.620						
3	425+80.00 TO 431+20.00	LT	120	30	99399	4	0.878	3.512						
3	425+80.00 TO 431+20.00	RT	120	30	99407	4	0.809	3.236						
3	431+20.00 TO 436+60.00	LT/RT	120	30	99375	4	0.405	1.620						
SUB-TOTAL :								103.68	SUB-TOTAL :					

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

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
	AREA ID				CYCLES	AREA		AREA ID	CYCLES	AREA						
						AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F					
1	24+69.85 TO 27+40.00	RT	450	30					68377	15	0.157	2.355				
1	27+40.00 TO 27+48.10	RT	450	30					68384	15	0.003	0.045				
1	27+73.55 TO 32+80.00	RT	450	30					95932	15	0.612	9.180				
1	31+07.86 TO 32+80.00	LT	450	30					95935	15	0.101	1.515				
1	32+80.00 TO 33+34.29	RT	450	30					95924	15	0.095	1.425				
1	32+80.00 TO 33+23.58	LT	450	30					95938	15	0.059	0.885				
1	38+20.00 TO 43+60.00	LT/RT	450	30					69702	15	0.047	0.705				
1	39+18.30 TO 43+60.00	LT	450	30					69692	15	0.070	1.050				
1	42+58.04 TO 43+60.00	RT	450	30					69429	15	0.066	0.990				
1	42+66.88 TO 45+11.99	RT	450	30					69434	15	0.387	5.805				
1	43+60.00 TO 46+34.42	RT	450	30					69440	15	0.211	3.165				
1	43+60.00 TO 44+07.78	LT	450	30					95964	15	0.015	0.225				
1	44+01.36 TO 49+00.00	RT	450	30					69671	15	0.055	0.825				
1	44+62.76 TO 46+17.04	RT	450	30					68538	15	0.305	4.575				
1	45+32.43 TO 46+22.80	RT	450	30					68551	15	0.089	1.335				
1	45+64.98 TO 46+55.72	RT	450	30					68558	15	0.054	0.810				
1	46+04.75 TO 46+40.87	RT	450	30					68546	15	0.019	0.285				
1	46+17.04 TO 46+70.98	RT	450	30					69449	15	0.044	0.660				
1	46+38.25 TO 46+83.50	RT	450	30					68565	15	0.030	0.450				
1	46+60.95 TO 49+00.00	RT	450	30					69462	15	0.093	1.395				
1	47+45.87 TO 49+00.00	LT	450	30					69661	15	0.033	0.495				
1	49+00.00 TO 53+09.77	RT	450	30					69633	15	0.095	1.425				
1	49+00.00 TO 54+40.00	LT	450	30					69656	15	0.081	1.215				
1	53+09.77 TO 53+34.44	RT	450	30					69650	15	0.004	0.060				
1	53+34.44 TO 54+40.00	RT	450	30					69642	15	0.022	0.330				
1	53+77.76 TO 59+76.02	RT	450	30					69484	15	3.841	57.615				
1	54+40.00 TO 56+14.97	RT	450	30					69496	15	0.159	2.385				
1	54+40.00 TO 59+80.00	RT	450	30					69502	15	0.129	1.935				
1	54+40.00 TO 56+97.06	RT	450	30					69610	15	0.061	0.915				
1	54+40.00 TO 55+27.19	LT	450	30					69628	15	0.015	0.225				
1	54+91.86 TO 57+01.51	RT	450	30					69480	15	0.175	2.625				
1	55+21.93 TO 56+50.00	LT	450	30					69623	15	0.029	0.435				
1	56+50.00 TO 59+80.00	LT	450	30					69617	15	0.065	0.975				
1	57+07.05 TO 59+80.00	RT	450	30					69604	15	0.066	0.990				
1	59+76.02 TO 61+32.50	RT	450	30					69491	15	0.117	1.755				
1	59+80.00 TO 64+20.97	LT	450	30					69579	15	0.106	1.590				
1	59+80.00 TO 61+93.00	RT	450	30					69598	15	0.054	0.810				
1	61+00.28 TO 61+97.03	RT	450	30					69513	15	0.082	1.230				
1	61+54.53 TO 65+20.00	RT	450	30					69519	15	0.163	2.445				
1	62+07.98 TO 65+20.00	RT	450	30					69590	15	0.075	1.125				
1	65+20.00 TO 70+60.00	RT	450	30					68711	15	0.231	3.465				
1	65+20.00 TO 70+60.00	RT	450	30					69558	15	0.132	1.980				
1	70+60.00 TO 76+00.00	RT	450	30					68728	15	0.169	2.535				
1	70+60.00 TO 76+00.00	LT/RT	450	30					69543	15	0.132	1.980				
1	76+00.00 TO 81+40.00	RT	450	30					68741	15	0.215	3.225				
1	81+40.00 TO 86+80.00	RT	450	30					68755	15	0.246	3.690				
1	86+80.00 TO 92+20.00	RT	450	30					68770	15	0.288	4.320				
1	92+20.00 TO 92+60.63	RT	450	30					68780	15	0.042	0.630				
SUB-TOTAL:												140.09				

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

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
	STA. TO STA.				AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA					
							AC/ CYCLE	TOTAL (AC) P F			AC/ CYCLE	TOTAL (AC) P F				
1	92+20.00 TO 97+60.00	LT/RT	450	30					69533	15	1.166	17.490				
1	92+80.46 TO 97+60.00	RT	450	30					68786	15	0.357	5.355				
1	403+80.00 TO 409+60.00	LT	450	30					69044	15	0.779	11.685				
1	403+80.00 TO 405+91.01	RT	450	30					69062	15	0.267	4.005				
1	404+02.75 TO 409+60.00	LT/RT	450	30					69053	15	0.289	4.335				
1	409+60.00 TO 410+14.48	LT	450	30					69034	15	0.063	0.945				
1	409+60.00 TO 410+15.50	LT/RT	450	30					69039	15	0.028	0.420				
1	410+14.75 TO 410+73.91	LT/RT	450	30					69025	15	0.025	0.375				
1	410+46.63 TO 410+97.85	RT	450	30					100825	15	0.046	0.690				
1	410+49.47 TO 415+00.00	LT	450	30					69005	15	0.569	8.535				
1	410+71.15 TO 415+00.00	LT/RT	450	30					69011	15	0.248	3.720				
1	411+19.22 TO 413+03.98	RT	450	30					100809	15	0.270	4.050				
1	413+17.41 TO 415+00.00	RT	450	30					100785	15	0.290	4.350				
1	415+00.00 TO 417+13.90	LT	450	30					68969	15	0.313	4.695				
1	415+00.00 TO 416+84.17	LT/RT	450	30					68984	15	0.100	1.500				
1	415+00.00 TO 417+03.02	RT	450	30					68991	15	0.377	5.655				
1	416+71.50 TO 417+03.39	RT	450	30					69000	15	0.019	0.285				
1	416+81.21 TO 417+15.46	LT	450	30					68964	15	0.040	0.600				
1	417+22.40 TO 417+52.23	RT	450	30					68978	15	0.019	0.285				
1	417+23.22 TO 420+40.00	RT	450	30					68950	15	0.684	10.260				
1	417+36.71 TO 420+40.00	LT	450	30					68937	15	0.419	6.285				
1	417+38.34 TO 417+62.60	LT	450	30					68959	15	0.027	0.405				
1	417+64.57 TO 420+40.00	LT/RT	450	30					68945	15	0.161	2.415				
1	420+32.86 TO 425+80.00	RT	450	30					68920	15	1.176	17.640				
1	420+40.00 TO 425+80.00	LT	450	30					68900	15	0.829	12.435				
1	420+40.00 TO 425+80.00	LT/RT	450	30					68910	15	0.474	7.110				
1	425+80.00 TO 431+20.00	LT	450	30					68877	15	0.933	13.995				
1	425+80.00 TO 427+01.71	LT/RT	450	30					68894	15	0.081	1.215				
1	425+80.00 TO 427+00.00	RT	450	30					69399	15	0.214	3.210				
1	431+20.00 TO 436+60.00	LT	450	30					68858	15	0.708	10.620				
1	436+60.00 TO 439+74.70	LT	450	30					68834	15	0.246	3.690				
1	437+90.00 TO 442+10.91	LT	450	30					95943	15	0.365	5.475				
1	445+40.00 TO 447+74.22	LT	450	30					95946	15	0.195	2.925				
1	446+60.49 TO 449+09.24	LT	450	30					95947	15	0.213	3.195				
1	449+02.40 TO 450+85.43	LT	450	30					95950	15	0.222	3.330				
1	449+06.29 TO 454+70.39	LT	450	30					95951	15	0.196	2.940				
1	450+79.10 TO 456+20.00	LT	450	30					95954	15	1.224	18.360				
1	456+20.00 TO 461+60.00	LT	450	30					95958	15	0.922	13.830				
1	458+62.93 TO 461+60.00	LT/RT	450	30					95971	15	0.113	1.695				
1	461+60.00 TO 467+00.00	LT	450	30					69165	15	1.236	18.540				
1	461+60.00 TO 467+00.00	LT/RT	450	30					95975	15	0.501	7.515				
1	467+00.00 TO 472+40.00	LT	450	30					69189	15	0.697	10.455				
1	467+00.00 TO 472+40.00	LT/RT	450	30					95976	15	0.500	7.500				
1	472+40.00 TO 477+80.00	LT	450	30					69214	15	0.690	10.350				
1	472+40.00 TO 477+80.00	LT/RT	450	30					95979	15	0.498	7.470				
2	24+70.21 TO 27+40.00	LT	210	30					69906	7	0.182	1.274				
2	27+40.00 TO 32+29.25	LT	210	30					72817	7	0.329	2.303				
2	29+22.17 TO 32+80.00	LT/RT	210	30					69950	7	0.099	0.693				
					SUB-TOTAL :											
										SUB-TOTAL :					286.11	

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-20
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				46	LAKE	238275-2-52-01			

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS	
					0107 1				0107 2						
	AREA ID				CYCLES	AREA		AREA ID	CYCLES	AREA					
						AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F				
2	31+09.67 TO 32+37.36	LT	210	30					72829	7	0.180	1.260			
2	31+09.98 TO 31+36.41	LT	210	30					69965	7	0.027	0.189			
2	31+56.33 TO 31+70.15	LT	210	30					69959	7	0.019	0.133			
2	32+80.00 TO 33+70.44	LT	210	30					69993	7	0.018	0.126			
2	33+95.00 TO 35+63.11	LT	210	30					100104	7	0.227	1.589			
2	36+08.50 TO 37+64.17	LT	210	30					99785	7	0.128	0.896			
2	36+28.20 TO 38+20.00	LT	210	30					99788	7	0.269	1.883			
2	38+20.00 TO 43+60.00	LT	210	30					99808	7	0.537	3.759			
2	38+32.22 TO 38+98.95	RT	210	30					70068	7	0.008	0.056			
2	38+72.15 TO 43+60.00	LT	210	30					70043	7	0.126	0.882			
2	38+98.95 TO 40+08.88	RT	210	30					70072	7	0.006	0.042			
2	42+57.89 TO 43+60.00	RT	210	30					72491	7	0.074	0.518			
2	42+66.77 TO 45+11.99	RT	210	30					72508	7	0.388	2.716			
2	43+06.61 TO 43+60.00	LT	210	30					70139	7	0.039	0.273			
2	43+60.00 TO 45+14.78	LT	210	30					70099	7	0.035	0.245			
2	43+60.00 TO 49+00.00	LT	210	30					70104	7	0.579	4.053			
2	43+60.00 TO 47+01.65	LT	210	30					70146	7	0.090	0.630			
2	43+60.00 TO 46+03.45	RT	210	30					72497	7	0.187	1.309			
2	44+62.76 TO 45+88.93	RT	210	30					72514	7	0.259	1.813			
2	45+32.43 TO 45+54.45	RT	210	30					72520	7	0.006	0.042			
2	45+54.30 TO 46+55.72	RT	210	30					70185	7	0.165	1.155			
2	45+85.28 TO 46+17.04	RT	210	30					70179	7	0.009	0.063			
2	46+01.72 TO 46+07.94	RT	210	30					72486	7	0.001	0.007			
2	46+04.06 TO 46+28.09	RT	210	30					72479	7	0.009	0.063			
2	46+08.83 TO 46+34.42	RT	210	30					70174	7	0.008	0.056			
2	46+13.66 TO 46+47.08	LT/RT	210	30					72473	7	0.039	0.273			
2	46+24.46 TO 47+00.96	LT/RT	210	30					72524	7	0.034	0.238			
2	46+29.12 TO 46+37.29	RT	210	30					72534	7	0.002	0.014			
2	46+89.68 TO 49+00.00	LT	210	30					72564	7	0.019	0.133			
2	47+30.34 TO 49+00.00	LT	210	30					70218	7	0.038	0.266			
2	49+00.00 TO 54+40.00	LT	210	30					70252	7	0.225	1.575			
2	49+00.00 TO 54+40.00	LT	210	30					70261	7	0.342	2.394			
2	49+00.00 TO 54+40.00	LT	210	30					72570	7	0.050	0.350			
2	49+61.69 TO 52+32.99	LT	210	30					70248	7	0.031	0.217			
2	54+40.00 TO 59+80.00	LT	210	30					70273	7	0.559	3.913			
2	54+40.00 TO 56+14.97	RT	210	30					72538	7	0.159	1.113			
2	54+40.00 TO 59+80.00	LT	210	30					72576	7	0.050	0.350			
2	54+91.86 TO 57+01.51	RT	210	30					72544	7	0.175	1.225			
2	57+63.49 TO 61+32.50	RT	210	30					72548	7	0.222	1.554			
2	59+80.00 TO 65+20.00	LT	210	30					70318	7	0.542	3.794			
2	59+80.00 TO 65+20.00	LT	210	30					72600	7	0.050	0.350			
2	61+00.28 TO 61+97.03	RT	210	30					72583	7	0.082	0.574			
2	61+70.77 TO 65+20.00	RT	210	30					72589	7	0.018	0.126			
2	65+20.00 TO 70+60.00	LT	210	30					70340	7	0.198	1.386			
2	65+20.00 TO 70+60.00	LT	210	30					72607	7	0.145	1.015			
2	65+20.00 TO 68+00.00	RT	210	30					72628	7	0.027	0.189			
2	67+78.86 TO 70+60.00	LT	210	30					70345	7	0.054	0.378			
2	68+00.00 TO 68+63.57	RT	210	30					72622	7	0.007	0.049			
					SUB-TOTAL :					SUB-TOTAL :					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

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

SUMMARY OF QUANTITIES		SHEET NO. SQ-21
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SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
	AREA ID				CYCLES	AREA		AREA ID	CYCLES	AREA						
						AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F					
2	68+96.43 TO 70+35.26	RT	210	30					72616	7	0.017	0.119				
2	70+60.00 TO 74+97.42	LT	210	30					70357	7	0.160	1.120				
2	70+60.00 TO 71+04.21	LT	210	30					70374	7	0.005	0.035				
2	70+60.00 TO 76+00.00	LT	210	30					72633	7	0.049	0.343				
2	70+60.00 TO 71+36.03	RT	210	30					72649	7	0.010	0.070				
2	71+61.41 TO 73+65.99	RT	210	30					72641	7	0.044	0.308				
2	73+94.69 TO 76+00.00	RT	210	30					72656	7	0.043	0.301				
2	74+36.28 TO 74+89.39	LT	210	30					70364	7	0.017	0.119				
2	74+88.81 TO 75+02.04	LT	210	30					70386	7	0.023	0.161				
2	75+23.73 TO 75+37.60	LT	210	30					70395	7	0.024	0.168				
2	75+29.20 TO 76+00.00	LT	210	30					70403	7	0.040	0.280				
2	75+73.18 TO 76+00.00	LT	210	30					70409	7	0.009	0.063				
2	76+00.00 TO 80+43.18	LT	210	30					70423	7	0.085	0.595				
2	76+00.00 TO 76+48.60	RT	210	30					72691	7	0.011	0.077				
2	76+00.00 TO 81+40.00	LT	210	30					72793	7	0.366	2.562				
2	76+77.30 TO 77+93.22	RT	210	30					72696	7	0.029	0.203				
2	78+23.22 TO 79+20.47	RT	210	30					72703	7	0.020	0.140				
2	78+67.64 TO 82+31.83	LT	210	30					72775	7	0.663	4.641				
2	78+68.38 TO 79+84.48	LT	210	30					72782	7	0.913	6.391				
2	78+69.81 TO 78+69.81	LT	210	30					72666	7	0.113	0.791				
2	78+76.92 TO 79+38.34	LT	210	30					72787	7	0.086	0.602				
2	79+50.00 TO 81+40.00	RT	210	30					72710	7	0.058	0.406				
2	81+40.00 TO 86+80.00	LT	210	30					72718	7	0.149	1.043				
2	81+40.00 TO 82+63.63	RT	210	30					72726	7	0.026	0.182				
2	81+40.00 TO 86+80.00	LT	210	30					72810	7	0.431	3.017				
2	83+24.60 TO 86+80.00	RT	210	30					72734	7	0.125	0.875				
2	83+65.91 TO 85+40.60	LT	210	30					72804	7	0.288	2.016				
2	86+80.00 TO 92+20.00	LT	210	30					70485	7	0.614	4.298				
2	86+80.00 TO 92+20.00	LT	210	30					72739	7	0.149	1.043				
2	86+80.00 TO 91+00.00	RT	210	30					72752	7	0.164	1.148				
2	90+50.51 TO 92+20.00	LT	210	30					70493	7	0.271	1.897				
2	90+90.98 TO 94+73.16	LT	210	30					70499	7	1.348	9.436				
2	91+00.00 TO 92+12.84	RT	210	30					72759	7	0.053	0.371				
2	92+20.00 TO 94+74.35	LT	210	30					70506	7	0.588	4.116				
2	92+20.00 TO 94+00.00	LT	210	30					70523	7	0.050	0.350				
2	92+20.00 TO 94+00.00	LT	210	30					72746	7	0.050	0.350				
2	92+20.00 TO 92+50.15	RT	210	30					72762	7	0.022	0.154				
2	92+91.16 TO 93+26.15	RT	210	30					72769	7	0.023	0.161				
2	403+80.58 TO 409+60.00	RT	210	30					70555	7	0.780	5.460				
2	403+87.37 TO 409+60.00	LT	210	30					70538	7	0.757	5.299				
2	404+02.75 TO 409+60.00	LT/RT	210	30					70546	7	0.289	2.023				
2	409+60.00 TO 410+14.48	LT	210	30					70564	7	0.063	0.441				
2	409+60.00 TO 410+15.50	LT/RT	210	30					70569	7	0.028	0.196				
2	409+60.00 TO 415+00.00	RT	210	30					70582	7	0.876	6.132				
2	410+14.75 TO 410+73.91	LT/RT	210	30					70573	7	0.025	0.175				
2	410+49.47 TO 415+00.00	LT	210	30					70596	7	0.569	3.983				
2	410+71.15 TO 415+00.00	LT/RT	210	30					70591	7	0.248	1.736				
2	415+00.00 TO 417+13.90	LT	210	30					70602	7	0.313	2.191				
					SUB-TOTAL :											
										SUB-TOTAL :					77.59	

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

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS	
					0107 1					0107 2							
	AREA ID				CYCLES	AREA		AREA ID	CYCLES	AREA							
						AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F						
2	415+00.00 TO 416+84.17	LT/RT	210	30					70611	7	0.100	0.700					
2	415+00.00 TO 417+01.00	RT	210	30					70618	7	0.372	2.604					
2	417+23.22 TO 420+40.00	RT	210	30					70640	7	0.694	4.858					
2	417+36.71 TO 417+61.24	LT	210	30					100827	7	0.030	0.210					
2	417+64.57 TO 420+40.00	LT/RT	210	30					70635	7	0.161	1.127					
2	420+40.00 TO 425+80.00	RT	210	30					70649	7	1.161	8.127					
2	420+40.00 TO 425+80.00	LT/RT	210	30					70664	7	0.472	3.304					
2	421+45.55 TO 425+80.00	LT	210	30					70675	7	0.692	4.844					
2	425+80.00 TO 429+95.35	LT/RT	210	30					70694	7	0.182	1.274					
2	425+80.00 TO 431+20.00	LT	210	30					72454	7	0.762	5.334					
2	427+00.00 TO 431+20.00	LT/RT	210	30					72463	7	0.119	0.833					
2	431+20.00 TO 436+60.00	LT	210	30					72433	7	0.625	4.375					
2	431+20.00 TO 436+60.00	LT/RT	210	30					72442	7	0.222	1.554					
2	436+60.00 TO 439+68.54	LT	210	30					72428	7	0.211	1.477					
2	436+60.00 TO 441+99.96	LT/RT	210	30					72449	7	0.212	1.484					
2	437+90.00 TO 442+10.91	LT	210	30					72422	7	0.366	2.562					
2	444+36.59 TO 448+99.79	RT	210	30					99796	7	1.467	10.269					
2	445+40.00 TO 450+80.00	LT/RT	210	30					72864	7	0.223	1.561					
2	445+40.00 TO 446+98.06	RT	210	30					99791	7	0.179	1.253					
2	445+72.08 TO 447+74.22	LT	210	30					72859	7	0.125	0.875					
2	446+74.23 TO 449+09.24	LT	210	30					72852	7	0.111	0.777					
2	448+99.77 TO 450+80.00	RT	210	30					70804	7	0.378	2.646					
2	448+99.79 TO 449+56.94	RT	210	30					70811	7	0.010	0.070					
2	449+06.29 TO 454+70.39	LT	210	30					70774	7	0.196	1.372					
2	450+80.00 TO 456+20.00	RT	210	30					70815	7	0.777	5.439					
2	450+80.00 TO 456+20.00	LT	210	30					72877	7	0.408	2.856					
2	450+80.00 TO 456+20.00	LT/RT	210	30					72885	7	0.223	1.561					
2	456+20.00 TO 461+60.00	RT	210	30					70842	7	1.261	8.827					
2	456+20.00 TO 461+60.00	LT	210	30					72891	7	0.431	3.017					
2	456+20.00 TO 461+60.00	LT/RT	210	30					72903	7	0.223	1.561					
2	461+60.00 TO 467+00.00	LT	210	30					72911	7	0.719	5.033					
2	461+60.00 TO 467+00.00	LT/RT	210	30					72918	7	0.229	1.603					
2	461+60.00 TO 467+00.00	RT	210	30					72974	7	0.863	6.041					
2	462+74.04 TO 464+39.89	RT	210	30					72963	7	1.078	7.546					
2	463+54.01 TO 464+43.66	RT	210	30					72968	7	0.252	1.764					
2	463+58.21 TO 464+43.87	RT	210	30					72981	7	0.014	0.098					
2	467+00.00 TO 472+40.00	LT	210	30					72923	7	0.250	1.750					
2	467+00.00 TO 472+40.00	LT/RT	210	30					72931	7	0.206	1.442					
2	467+00.00 TO 472+40.00	RT	210	30					72954	7	0.476	3.332					
2	472+40.00 TO 477+50.00	RT	210	30					70909	7	0.496	3.472					
2	472+40.00 TO 477+50.00	LT	210	30					72938	7	0.294	2.058					
2	472+40.00 TO 477+50.00	LT/RT	210	30					72944	7	0.177	1.239					
SUB-TOTAL :										SUB-TOTAL :					122.13		

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-23
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				46	LAKE	238275-2-52-01			

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
	AREA ID				CYCLES	AREA		AREA ID	CYCLES	AREA						
						AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F					
3	24+70.00 TO 24+96.91	LT	120	30					100426	4	0.026	0.104				
3	24+70.00 TO 27+40.00	RT	120	30					100420	4	0.142	0.568				
3	25+15.33 TO 27+40.00	LT	120	30					100432	4	0.099	0.396				
3	27+40.00 TO 28+14.48	LT	120	30					73252	4	0.049	0.196				
3	27+40.00 TO 27+48.01	RT	120	30					100416	4	0.002	0.008				
3	27+75.59 TO 32+80.00	RT	120	30					100648	4	0.434	1.736				
3	28+33.98 TO 32+80.00	LT	120	30					100661	4	0.299	1.196				
3	31+09.67 TO 32+37.36	LT	120	30					73290	4	0.189	0.756				
3	31+09.98 TO 31+36.41	LT	120	30					73302	4	0.027	0.108				
3	31+56.33 TO 31+70.15	LT	120	30					73310	4	0.019	0.076				
3	32+80.00 TO 35+00.28	RT	120	30					100636	4	0.595	2.380				
3	32+80.00 TO 34+93.83	LT	120	30					100666	4	0.533	2.132				
3	35+98.57 TO 37+64.17	LT	120	30					100410	4	0.135	0.540				
3	36+17.80 TO 38+20.00	RT	120	30					100402	4	0.489	1.956				
3	36+30.96 TO 38+20.00	LT	120	30					100599	4	0.300	1.200				
3	37+80.16 TO 45+11.99	RT	120	30					73459	4	3.577	14.308				
3	38+13.15 TO 43+60.00	RT	120	30					100391	4	0.136	0.544				
3	38+19.45 TO 43+60.00	RT	120	30					100370	4	0.797	3.188				
3	38+20.00 TO 38+88.07	LT	120	30					99923	4	0.026	0.104				
3	38+32.22 TO 38+98.95	RT	120	30					73441	4	0.008	0.032				
3	38+41.50 TO 43+60.00	LT/RT	120	30					100376	4	0.206	0.824				
3	38+88.07 TO 43+60.00	LT	120	30					100381	4	0.486	1.944				
3	38+98.95 TO 40+08.88	RT	120	30					73445	4	0.006	0.024				
3	40+08.94 TO 43+60.00	RT	120	30					73455	4	0.142	0.568				
3	43+60.00 TO 46+34.42	RT	120	30					73531	4	0.227	0.908				
3	43+60.00 TO 46+99.66	LT	120	30					100340	4	0.075	0.300				
3	43+60.00 TO 44+70.57	LT/RT	120	30					100345	4	0.039	0.156				
3	43+60.00 TO 46+72.34	RT	120	30					100362	4	0.331	1.324				
3	44+62.76 TO 46+17.04	RT	120	30					73536	4	0.305	1.220				
3	45+32.43 TO 46+20.97	RT	120	30					73561	4	0.085	0.340				
3	45+64.98 TO 46+55.72	RT	120	30					73569	4	0.045	0.180				
3	46+04.75 TO 46+34.68	RT	120	30					100350	4	0.015	0.060				
3	46+39.61 TO 46+83.50	RT	120	30					73577	4	0.027	0.108				
3	46+55.98 TO 47+42.23	RT	120	30					73636	4	0.089	0.356				
3	46+62.50 TO 49+00.00	RT	120	30					100326	4	0.215	0.860				
3	46+83.50 TO 49+00.00	RT	120	30					73640	4	0.208	0.832				
3	46+91.91 TO 53+65.70	RT	120	30					73655	4	2.996	11.984				
3	47+32.91 TO 49+00.00	LT	120	30					100334	4	0.030	0.120				
3	49+00.00 TO 54+40.00	LT	120	30					73595	4	0.342	1.368				
3	49+00.00 TO 54+40.00	LT	120	30					73602	4	0.200	0.800				
3	49+00.00 TO 54+40.00	RT	120	30					73646	4	0.595	2.380				
3	49+00.00 TO 54+40.00	RT	120	30					100311	4	0.243	0.972				
3	49+00.00 TO 54+40.00	RT	120	30					100318	4	0.193	0.772				
3	49+48.52 TO 52+68.57	LT/RT	120	30					100152	4	0.118	0.472				
3	53+77.76 TO 61+32.50	RT	120	30					73662	4	5.821	23.284				
3	54+40.00 TO 55+27.19	LT	120	30					73670	4	0.051	0.204				
3	54+40.00 TO 59+80.00	LT	120	30					73675	4	0.532	2.128				
3	54+40.00 TO 59+80.00	RT	120	30					73694	4	0.942	3.768				
					SUB-TOTAL :											
										SUB-TOTAL :					89.78	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

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

SUMMARY OF QUANTITIES

SHEET NO. SQ-24

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
	AREA ID				CYCLES	AREA		AREA ID	CYCLES	AREA						
						AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F					
3	54+40.00 TO 55+82.73	RT	120	30					100293	4	0.024	0.096				
3	54+40.00 TO 59+80.00	RT	120	30					100302	4	0.271	1.084				
3	54+86.02 TO 59+80.00	LT/RT	120	30					100289	4	0.194	0.776				
3	59+80.00 TO 61+97.03	RT	120	30					73720	4	0.425	1.700				
3	59+80.00 TO 65+20.00	LT	120	30					100269	4	0.528	2.112				
3	59+80.00 TO 65+20.00	LT/RT	120	30					100274	4	0.217	0.868				
3	59+80.00 TO 65+20.00	RT	120	30					100284	4	0.236	0.944				
3	65+20.00 TO 70+60.00	LT	120	30					100260	4	0.173	0.692				
3	65+20.00 TO 70+60.00	LT/RT	120	30					100261	4	0.217	0.868				
3	65+20.00 TO 70+60.00	RT	120	30					100262	4	0.267	1.068				
3	70+60.00 TO 74+95.29	LT	120	30					100232	4	0.139	0.556				
3	70+60.00 TO 76+00.00	RT	120	30					100239	4	0.319	1.276				
3	70+60.00 TO 72+62.86	LT/RT	120	30					100244	4	0.076	0.304				
3	74+36.28 TO 74+89.39	LT	120	30					73778	4	0.017	0.068				
3	74+88.81 TO 75+00.13	LT	120	30					100225	4	0.019	0.076				
3	75+25.61 TO 75+37.60	LT	120	30					100218	4	0.020	0.080				
3	75+31.37 TO 76+00.00	LT	120	30					100211	4	0.037	0.148				
3	76+00.00 TO 81+40.00	LT	120	30					100202	4	0.384	1.536				
3	76+00.00 TO 81+40.00	RT	120	30					100207	4	0.355	1.420				
3	77+63.39 TO 81+40.00	LT/RT	120	30					100127	4	0.146	0.584				
3	78+67.64 TO 82+31.83	LT	120	30					73847	4	4.209	16.836				
3	78+76.92 TO 81+40.00	LT	120	30					73857	4	0.518	2.072				
3	80+79.44 TO 85+40.60	LT	120	30					73865	4	2.904	11.616				
3	81+40.00 TO 84+86.98	LT	120	30					73873	4	0.694	2.776				
3	81+40.00 TO 86+80.00	LT	120	30					73878	4	0.458	1.832				
3	81+40.00 TO 82+99.43	LT/RT	120	30					100158	4	0.060	0.240				
3	81+40.00 TO 82+47.77	RT	120	30					100195	4	0.068	0.272				
3	83+12.62 TO 86+80.00	RT	120	30					100166	4	0.255	1.020				
3	86+26.88 TO 86+80.00	LT/RT	120	30					100120	4	0.016	0.064				
3	86+80.00 TO 92+20.00	LT/RT	120	30					100119	4	0.217	0.868				
3	86+80.00 TO 92+20.00	LT	120	30					100170	4	0.588	2.352				
3	86+80.00 TO 92+20.00	RT	120	30					100190	4	0.449	1.796				
3	90+50.51 TO 92+20.00	LT	120	30					73910	4	0.271	1.084				
3	90+90.98 TO 94+73.16	LT	120	30					73903	4	1.348	5.392				
3	92+20.00 TO 94+74.35	LT	120	30					73917	4	0.588	2.352				
3	92+20.00 TO 94+00.00	LT/RT	120	30					100118	4	0.072	0.288				
3	92+20.00 TO 94+00.00	LT	120	30					100169	4	0.041	0.164				
3	92+20.00 TO 92+60.63	RT	120	30					100185	4	0.059	0.236				
3	92+80.85 TO 94+00.00	RT	120	30					100178	4	0.125	0.500				
3	403+80.58 TO 409+60.00	RT	120	30					74421	4	0.617	2.468				
3	403+87.37 TO 409+60.00	LT	120	30					74447	4	0.757	3.028				
3	404+02.75 TO 409+60.00	LT/RT	120	30					74438	4	0.289	1.156				
3	409+60.00 TO 415+00.00	RT	120	30					74400	4	0.860	3.440				
3	409+60.00 TO 410+15.50	LT/RT	120	30					74411	4	0.028	0.112				
3	409+60.00 TO 410+14.48	LT	120	30					74416	4	0.063	0.252				
3	410+14.75 TO 410+73.91	LT/RT	120	30					74391	4	0.025	0.100				
3	410+49.47 TO 415+00.00	LT	120	30					74384	4	0.569	2.276				
3	410+71.15 TO 415+00.00	LT/RT	120	30					74379	4	0.248	0.992				
					SUB-TOTAL :					SUB-TOTAL :						
										81.84						

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-25
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				46	LAKE	238275-2-52-01			

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL				MOWING				DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1				0107 2					
	AREA ID				CYCLES	AREA		AREA ID	CYCLES	AREA				
						AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F			
3	415+00.00 TO 417+02.37	LT	120	30					74335	4	0.287	1.148		
3	415+00.00 TO 416+84.17	LT/RT	120	30					74343	4	0.100	0.400		
3	415+00.00 TO 417+01.00	RT	120	30					74350	4	0.372	1.488		
3	416+71.50 TO 416+98.34	RT	120	30					74359	4	0.016	0.064		
3	416+81.21 TO 417+03.95	LT	120	30					74330	4	0.026	0.104		
3	417+22.40 TO 417+52.23	RT	120	30					74364	4	0.019	0.076		
3	417+23.22 TO 420+40.00	RT	120	30					74370	4	0.694	2.776		
3	417+36.71 TO 420+40.00	LT	120	30					74315	4	0.388	1.552		
3	417+38.34 TO 417+62.60	LT	120	30					74325	4	0.027	0.108		
3	417+64.57 TO 420+40.00	LT/RT	120	30					74310	4	0.161	0.644		
3	420+40.00 TO 425+80.00	RT	120	30					74283	4	1.165	4.660		
3	420+40.00 TO 425+80.00	LT	120	30					74298	4	0.818	3.272		
3	420+40.00 TO 424+57.68	LT/RT	120	30					75978	4	0.361	1.444		
3	425+80.00 TO 431+20.00	RT	120	30					74261	4	0.790	3.160		
3	425+80.00 TO 431+20.00	LT	120	30					74253	4	0.853	3.412		
3	431+20.00 TO 436+60.00	LT	120	30					74234	4	0.818	3.272		
3	431+20.00 TO 436+60.00	RT	120	30					74241	4	0.770	3.080		
3	436+60.00 TO 442+00.00	LT	120	30					74204	4	1.340	5.360		
3	436+60.00 TO 442+00.00	RT	120	30					100094	4	1.354	5.416		
3	437+73.49 TO 441+95.95	RT	120	30					74224	4	0.493	1.972		
3	437+90.00 TO 442+10.91	LT	120	30					74198	4	0.514	2.056		
3	444+36.59 TO 448+99.79	RT	120	30					100610	4	1.464	5.856		
3	444+94.63 TO 449+09.24	LT	120	30					100680	4	0.142	0.568		
3	445+23.80 TO 448+99.76	LT	120	30					100692	4	0.243	0.972		
3	445+37.97 TO 446+94.33	RT	120	30					100605	4	0.130	0.520		
3	445+40.00 TO 447+74.22	LT	120	30					74192	4	0.262	1.048		
3	445+40.00 TO 450+80.00	LT	120	30					74455	4	0.638	2.552		
3	445+40.00 TO 445+54.95	RT	120	30					100408	4	0.001	0.004		
3	448+99.52 TO 450+80.00	RT	120	30					74145	4	0.410	1.640		
3	448+99.79 TO 449+56.94	RT	120	30					74151	4	0.010	0.040		
3	449+05.82 TO 450+85.43	LT	120	30					100672	4	0.079	0.316		
3	449+06.29 TO 454+70.39	LT	120	30					74119	4	0.196	0.784		
3	450+78.08 TO 455+63.02	LT	120	30					74125	4	0.342	1.368		
3	450+80.00 TO 456+20.00	RT	120	30					74095	4	0.872	3.488		
3	450+80.00 TO 456+20.00	LT	120	30					74109	4	0.610	2.440		
3	456+20.00 TO 461+60.00	LT	120	30					74071	4	0.655	2.620		
3	456+20.00 TO 461+60.00	RT	120	30					74087	4	1.208	4.832		
3	461+60.00 TO 467+00.00	LT	120	30					74053	4	1.045	4.180		
3	461+60.00 TO 463+76.08	RT	120	30					100620	4	0.450	1.800		
3	463+54.01 TO 465+02.21	RT	120	30					74034	4	0.646	2.584		
3	464+10.74 TO 467+00.00	RT	120	30					74026	4	0.132	0.528		
3	464+10.99 TO 467+00.00	RT	120	30					100627	4	0.599	2.396		
3	464+30.79 TO 468+39.18	RT	120	30					74019	4	3.232	12.928		
3	467+00.00 TO 472+40.00	RT	120	30					73997	4	0.527	2.108		
3	467+00.00 TO 472+40.00	LT	120	30					74005	4	0.502	2.008		
3	467+00.00 TO 468+41.57	RT	120	30					74013	4	0.202	0.808		
3	472+40.00 TO 477+50.00	RT	120	30					73985	4	0.469	1.876		
3	472+40.00 TO 477+50.00	LT	120	30					73980	4	0.474	1.896		
SUB-TOTAL :												107.62		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

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

SUMMARY OF QUANTITIES

SHEET NO. SQ-26

SUMMARY OF REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNITS	SECONDARY UNITS	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				AREA	P	F	P	F		
0110 1 1	CLEARING & GRUBBING	24+70.00 TO 27+40.00	RT	83254	LS	AC	0.083		1.0			
		24+70.00 TO 27+40.00	LT	83230	LS	AC	0.165					
		27+40.00 TO 32+80.00	LT/RT	83270	LS	AC	1.341					
		31+14.89 TO 31+70.00	LT	83343	LS	AC	0.061					
		32+80.00 TO 38+50.00	LT/RT	100570	LS	AC	4.073					
		37+32.06 TO 42+30.32	RT	83400	LS	AC	2.863					
		38+13.15 TO 43+60.00	LT/RT	84086	LS	AC	3.314					
		38+49.99 TO 39+08.96	LT	100571	LS	AC	0.028					
		43+14.05 TO 45+11.99	RT	84112	LS	AC	0.314					
		43+60.00 TO 49+00.00	LT/RT	84138	LS	AC	3.436					
		44+62.90 TO 47+42.23	RT	84120	LS	AC	0.632					
		46+92.32 TO 53+35.44	RT	84158	LS	AC	2.821					
		49+00.00 TO 54+40.00	LT/RT	84168	LS	AC	3.185					
		54+30.45 TO 61+01.18	RT	84238	LS	AC	4.470					
		54+40.00 TO 59+80.00	LT/RT	84188	LS	AC	2.397					
		56+18.13 TO 59+80.00	RT	84214	LS	AC	0.669					
		59+80.00 TO 61+74.98	RT	84230	LS	AC	0.303					
		59+80.00 TO 65+20.00	LT/RT	84267	LS	AC	2.006					
		65+20.00 TO 70+60.00	LT/RT	84296	LS	AC	1.637					
		70+60.00 TO 76+00.00	LT/RT	84324	LS	AC	1.778					
		76+00.00 TO 81+40.00	LT/RT	84365	LS	AC	2.230					
		78+85.18 TO 82+13.44	LT	84405	LS	AC	2.946					
		80+79.54 TO 85+39.10	LT	84440	LS	AC	2.810					
		81+40.00 TO 86+80.00	LT/RT	84461	LS	AC	2.634					
		86+80.00 TO 92+20.00	LT/RT	84484	LS	AC	2.122					
		91+42.00 TO 92+20.00	LT	84521	LS	AC	0.150					
		91+42.00 TO 94+53.57	LT	84529	LS	AC	1.035					
		92+20.00 TO 94+47.37	LT	84512	LS	AC	0.455					
		92+20.00 TO 94+00.00	LT/RT	84546	LS	AC	0.688					
		405+50.00 TO 409+60.00	RT	83682	LS	AC	0.172					
		409+60.00 TO 410+14.18	RT	83674	LS	AC	0.016					
		417+36.71 TO 420+40.00	LT	83612	LS	AC	0.177					
		420+40.00 TO 421+48.22	LT	83601	LS	AC	0.039					
		425+80.00 TO 431+20.00	LT/RT	83447	LS	AC	1.805					
		431+20.00 TO 436+60.00	LT/RT	83419	LS	AC	2.662					
		436+60.00 TO 442+00.00	LT/RT	83389	LS	AC	3.936					
		439+08.02 TO 442+00.00	LT	83384	LS	AC	0.273					
		444+94.63 TO 449+08.51	LT	83716	LS	AC	0.878					
		445+30.74 TO 449+00.00	RT	100566	LS	AC	0.476					
		445+40.00 TO 447+02.25	LT	83374	LS	AC	0.117					
		445+40.00 TO 450+85.43	LT/RT	83742	LS	AC	2.821					
		449+06.29 TO 454+32.10	LT	83756	LS	AC	0.104					
		450+78.08 TO 456+20.00	LT/RT	83771	LS	AC	3.398					
		456+20.00 TO 461+60.00	LT/RT	83794	LS	AC	2.865					
		461+60.00 TO 467+00.00	RT	83832	LS	AC	1.446					
		461+60.00 TO 467+00.00	LT	83851	LS	AC	1.064					
		461+60.00 TO 467+00.00	LT/RT	83873	LS	AC	0.470					
		463+55.68 TO 464+28.90	RT	83886	LS	AC	0.176					
		464+38.04 TO 465+02.21	RT	83905	LS	AC	0.404					
		464+58.12 TO 468+26.70	RT	83914	LS	AC	2.850					
		467+00.00 TO 472+40.00	RT	83943	LS	AC	0.853					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877
 ENGINEER OF RECORD:
 JEFFREY A. MESSENGER, P.E.
 FL REGISTRATION NO. 57539

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

SUMMARY OF QUANTITIES		SHEET NO.
		SQ-27

SUMMARY OF REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNITS	SECONDARY UNITS	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				AREA	P	F	P	F		
0110 1 1	CLEARING & GRUBBING (CONT'D)	467+00.00 TO 472+40.00	LT/RT	83974	LS	AC	0.362					
		467+00.00 TO 472+40.00	LT	83991	LS	AC	0.630					
		472+40.00 TO 477+50.00	LT	84015	LS	AC	0.611					
		472+40.00 TO 477+50.00	LT/RT	84040	LS	AC	0.471					
		472+40.00 TO 477+50.00	RT	84065	LS	AC	0.6					
0110 4	REMOVAL OF EXISTING CONCRETE PAVEMENT	42+59.49 TO 43+60.00	RT	87935	SY	N/A	206.6		10262			
		43+60.00 TO 49+00.00	RT	87941	SY	N/A	1105.8					
		49+00.00 TO 54+40.00	RT	87951	SY	N/A	1080.0					
		54+40.00 TO 59+80.00	RT	87961	SY	N/A	1080.0					
		59+80.00 TO 65+20.00	RT	87967	SY	N/A	1070.5					
		65+20.00 TO 70+60.00	RT	88002	SY	N/A	1063.5					
		70+60.00 TO 76+00.00	RT	88025	SY	N/A	1059.8					
		76+00.00 TO 81+40.00	RT	88041	SY	N/A	1075.6					
		81+40.00 TO 86+80.00	RT	88051	SY	N/A	1080.0					
		86+80.00 TO 92+20.00	RT	88064	SY	N/A	1080.0					
		92+20.00 TO 94+00.00	RT	88057	SY	N/A	360.0					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					46	LAKE	238275-2-52-01		SQ-28

SUMMARY OF EARTHWORK

PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
	REGULAR EXCAVATION, SR 46	28550			
	REGULAR EXCAVATION, SR 500	162768			
	REGULAR EXCAVATION, RAMP XX	60704			
	REGULAR EXCAVATION, GROVELAND ROAD	39			
	REGULAR EXCAVATION, PINECREST ROAD	89			
	REGULAR EXCAVATION, STANLEY BELL DRIVE	413			
	REGULAR EXCAVATION, POND ROAD	29			
	REGULAR EXCAVATION, VERANDA WAY	426			
	REGULAR EXCAVATION, SABASTIAN STREET	151			
	REGULAR EXCAVATION, VISTA VIEW	51			
	REGULAR EXCAVATION, NATOMA BOULEVARD	26			
	REGULAR EXCAVATION, WB441-1-1	4672			
	REGULAR EXCAVATION, WB441-1-2	34473			
	REGULAR EXCAVATION, WB441-1-3	41585			
	REGULAR EXCAVATION, WB441-1-4	62405			
	REGULAR EXCAVATION, WB1-1	5657			
	REGULAR EXCAVATION, WB1-2	57472			
	REGULAR EXCAVATION, WB2A	49015			
	REGULAR EXCAVATION, WB2B	196			
	REGULAR EXCAVATION, WB441-2	14355			
	REGULAR EXCAVATION, WB-A	2787			
0120 1	REGULAR EXCAVATION, TOTAL	525863			
	SUBSOIL EXCAVATION, SR 46	37468			
	SUBSOIL EXCAVATION, SR 500	0			
	SUBSOIL EXCAVATION, RAMP XX	6361			
	SUBSOIL EXCAVATION, GROVELAND ROAD	0			
	SUBSOIL EXCAVATION, PINECREST ROAD	0			
	SUBSOIL EXCAVATION, STANLEY BELL DRIVE	0			
	SUBSOIL EXCAVATION, POND ROAD	0			
	SUBSOIL EXCAVATION, VERANDA WAY	0			
	SUBSOIL EXCAVATION, SABASTIAN STREET	0			
	SUBSOIL EXCAVATION, VISTA VIEW	0			
	SUBSOIL EXCAVATION, NATOMA BOULEVARD	0			
	SUBSOIL EXCAVATION, WB441-1-1	0			
	SUBSOIL EXCAVATION, WB441-1-2	0			
	SUBSOIL EXCAVATION, WB441-1-3	0			
	SUBSOIL EXCAVATION, WB441-1-4	0			
	SUBSOIL EXCAVATION, WB1-1	15281			
	SUBSOIL EXCAVATION, WB1-2	0			
	SUBSOIL EXCAVATION, WB2A	0			
	SUBSOIL EXCAVATION, WB2B	0			
	SUBSOIL EXCAVATION, WB441-2	0			
	SUBSOIL EXCAVATION, WB-A	0			
0120 4	SUBSOIL EXCAVATION, TOTAL	59110			
	EMBANKMENT, SR 46	133112			
	EMBANKMENT, SR 500	23213			
	EMBANKMENT, RAMP XX	83934			

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-29
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				46	LAKE	238275-2-52-01			

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
		24+70.00 to 25+44.21		LT	107330		239.8					
		25+44.21 to 27+40.00		LT	107395		50.8					
		25+47.28 to 27+40.00		RT	107522		84.2					
		27+23.96 to 27+40.00		RT	107536		7.2					
		27+40.00 to 27+87.48		LT	107390		12.3					
		27+40.00 to 27+99.61		RT	107511		118.9					
		27+40.00 to 32+80.00		LT/RT	107082		1865.0					
		27+87.40 to 28+62.96		LT	107317		374.7					
		28+66.88 to 31+87.72		LT/RT	107378		172.7					
		31+28.17 to 31+79.02		LT	107497		757.3					
		31+28.41 to 31+61.71		LT	107506		59.3					
		31+71.53 to 32+95.00		LT/RT	107558		504.8					
		32+80.00 to 38+20.00		LT/RT	107724		9652.5					
		37+73.30 to 38+19.26		RT	107492		197.9					
		38+14.22 to 43+60.00		RT	107482		2671.0					
		38+20.00 to 43+60.08		LT/RT	107756		5404.4					
		43+60.00 to 46+09.33		RT	107477		1177.5					
		43+60.00 to 49+00.00		LT/RT	107773		5745.4					
		46+34.35 to 47+28.81		RT	107800		444.8					
		46+66.14 to 47+55.63		LT	107342		405.9					
		47+13.31 to 49+00.00		RT	107652		252.5					
		47+60.64 to 49+00.00		RT	107459		619.4					
		49+00.00 to 54+40.00		LT/RT	107205		2285.2					
		49+00.00 to 54+40.00		RT	107403		640.2					
		49+00.00 to 54+40.00		RT	107450		2425.1					
		49+00.01 to 54+40.00		LT/RT	107194		3046.7					
		54+40.00 to 58+03.86		RT	107659		432.8					
		54+40.00 to 59+80.00		LT/RT	107216		6569.2					
		58+15.20 to 59+80.00		RT	107672		195.1					
		59+80.00 to 60+78.58		RT	107678		111.3					
		59+80.00 to 65+20.00		RT	107243		2692.5					
		59+80.00 to 65+20.00		LT	107236		2714.7					
		65+20.00 to 70+60.00		RT	107255		2666.0					
		65+20.00 to 70+60.00		LT	107250		2724.0					
		70+60.00 to 76+00.00		LT/RT	107261		6045.9					
		74+53.39 to 75+73.18		LT	107412		444.3					
		76+00.00 to 81+40.00		LT/RT	107272		5721.3					
		81+40.00 to 86+80.00		LT/RT	107284		6049.2					
		82+20.25 to 83+40.27		RT	107910		262.0					
		86+80.00 to 92+20.00		LT	107439		2695.0					
		86+80.00 to 92+20.00		RT	107444		2695.0					
		92+09.67 to 93+62.32		RT	107365		427.0					
		92+20.00 to 94+00.00		RT	107431		898.3					
		92+20.00 to 94+00.00		LT	107425		898.3					
		212+72.03 to 213+32.03		LT/RT	107542		282.5					
		213+32.03 to 216+15.64		LT/RT	107113		1337.6					
		405+90.98 to 409+60.00		RT	107614		553.4					
		409+60.00 to 410+07.47		RT	107606		51.0					
		417+63.20 to 420+40.00		LT	107571		327.3					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

ENGINEER OF RECORD:
 JEFFREY A. MESSENGER, P.E.
 FL REGISTRATION NO. 57539

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

SUMMARY OF QUANTITIES

SHEET NO.
SQ-31

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0160 4	TYPE B STABILIZATION (CONT'D)	420+40.00 to 421+45.55		LT	107563	SY	123.2					
		427+00.00 to 431+20.00		LT/RT	107178		4366.6					
		431+20.00 to 436+60.00		LT/RT	107714		6651.0					
		436+60.00 to 442+00.00		LT/RT	107704		6881.8					
285701	OPTIONAL BASE, BASE GROUP 01	206+64.93 to 210+92.03		LT/RT	115055	SY	446.3		5255			
		207+24.44 to 210+92.03		LT	115048		245.5					
		210+92.03 to 212+32.06		LT	115064		93.7					
		210+92.03 to 212+72.03		LT/RT	115069		199.9					
		212+32.06 to 212+72.03		LT	115074		4.5					
		212+72.03 to 213+32.03		LT/RT	115089		66.6					
		212+72.03 to 216+15.64		LT	115081		133.1					
		213+11.99 to 216+72.03		RT	115165		417.8					
		213+32.03 to 216+15.64		LT/RT	115094		158.1					
		216+72.03 to 217+60.93		LT/RT	115162		101.2					
		221+51.42 to 221+92.02		LT/RT	115038		22.7					
		221+51.42 to 221+92.03		LT	115043		25.6					
		221+92.02 to 227+79.71		LT/RT	115029		327.0					
		221+92.03 to 227+81.30		LT	115019		142.1					
		227+79.40 to 230+47.08		LT/RT	115014		149.0					
		227+81.24 to 230+46.75		LT	115009		29.2					
		231+58.03 to 233+44.39		LT/RT	115142		236.7					
		232+05.03 to 233+44.39		LT	115119		15.5					
		232+05.03 to 239+32.03		LT/RT	114953		404.0					
		233+44.39 to 237+92.03		LT	115112		49.6					
		233+44.39 to 238+83.75		RT	114989		600.2					
		237+92.03 to 238+86.25		LT	115107		62.4					
		238+83.19 to 242+47.95		RT	114977		405.7					
		238+85.91 to 240+30.21		LT	115102		95.6					
		239+32.03 to 240+85.30		LT/RT	114998		108.9					
		242+59.99 to 244+25.35		RT	114972		182.9					
		244+25.04 to 244+66.26		RT	114960		53.9					
		245+44.24 to 246+00.34		RT	115149		38.6					
		405+90.98 to 409+60.00		RT	115150		205.7					
		409+60.00 to 410+08.28		RT	115137		24.7					
		417+63.65 to 420+40.00		LT	115124		149.6					
		420+40.00 to 421+45.55		LT	115129		59.0					
285703	OPTIONAL BASE, BASE GROUP 03	24+70.21 to 25+44.21		LT	29314	SY	217.0		3056			
		28+13.13 to 28+37.15		LT	20589		209.7					
		31+30.50 to 31+78.50		LT	20656		684.2					
		31+30.75 to 31+59.38		LT	20662		51.0					
		45+53.19 to 46+60.52		RT	20672		466.8					
		46+36.67 to 46+93.99		RT	20667		220.0					
		46+66.80 to 47+55.02		LT	20604		273.5					
		75+01.13 to 75+24.97		LT	20639		157.9					
		92+59.67 to 92+83.67		RT	20624		153.3					
		463+72.19 to 464+08.74		RT	20646		441.1					
		463+76.35 to 464+10.48		RT	20651		181.4					
285709	OPTIONAL BASE, BASE GROUP 09	25+47.29 to 27+40.00		RT	22078	SY	81.1		123305			
		27+26.68 to 27+40.00		RT	22086		2.6					
		27+40.00 to 27+99.61		RT	22090		103.3					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877
 ENGINEER OF RECORD:
 JEFFREY A. MESSENGER, P.E.
 FL REGISTRATION NO. 57539

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

SUMMARY OF QUANTITIES

SHEET NO.
 SQ-32

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
		27+87.48 to 28+62.96		LT	21825		105.1					
		32+80.00 to 38+60.00		LT/RT	91007		8567.5					
		36+06.42 to 38+20.00		LT	91052		630.8					
		37+75.22 to 38+18.03		RT	22064		105.7					
		38+15.35 to 43+60.00		RT	22053		1554.0					
		38+20.00 to 43+60.00		LT/RT	91070		4826.8					
		43+60.00 to 46+08.74		RT	22048		705.2					
		46+37.07 to 46+37.07		LT	21859		5363.5					
		46+52.38 to 47+35.00		RT	91550		178.8					
		46+75.45 to 47+50.34		LT	21800		109.3					
		47+60.64 to 49+00.00		RT	21946		371.6					
		49+00.00 to 52+68.57		LT/RT	21664		1600.4					
		49+00.00 to 54+40.00		LT/RT	21673		3267.4					
		49+00.00 to 54+40.00		RT	21951		1440.5					
		54+40.00 to 59+80.00		LT/RT	21889		5681.8					
		59+80.00 to 65+20.00		RT	21689		2399.6					
		59+80.00 to 65+20.00		LT	21682		2417.6					
		65+20.00 to 70+60.00		LT	21696		2426.0					
		65+20.00 to 70+60.00		RT	21701		2374.0					
		70+60.00 to 76+00.00		LT/RT	21706		5643.5					
		74+53.39 to 75+73.18		LT	21780		253.6					
		76+00.00 to 81+40.00		LT/RT	21721		5224.7					
		81+40.00 to 86+80.00		LT/RT	21733		5643.9					
		86+80.00 to 92+20.00		RT	21756		2400.0					
		86+80.00 to 92+20.00		LT	21751		2400.0					
		92+09.67 to 93+33.67		RT	21773		252.6					
		92+20.00 to 94+00.00		RT	21767		800.0					
		92+20.00 to 94+00.00		LT	21762		800.0					
		212+72.03 to 216+15.64		LT/RT	22161		903.5					
		405+90.98 to 409+99.50		RT	102953		294.9					
		417+63.20 to 420+40.00		LT	22005		177.8					
		420+40.00 to 421+45.55		LT	22042		64.2					
		427+00.00 to 431+20.00		LT/RT	21582		4328.4					
		431+20.00 to 436+60.00		LT/RT	21604		6091.5					
		436+60.00 to 442+00.00		LT/RT	91017		6423.2					
		445+40.00 to 450+80.00		LT/RT	91046		6434.0					
		449+00.69 to 450+82.52		LT	22168		480.8					
		450+80.00 to 456+20.00		LT	22174		4137.2					
		450+80.00 to 456+20.04		RT	21452		2940.1					
		456+20.00 to 461+60.00		LT	108458		4122.5					
		456+20.04 to 461+60.00		RT	21472		2662.0					
		461+60.00 to 467+00.00		LT/RT	108465		4221.5					
		461+60.00 to 467+00.00		RT	21482		1121.1					
		463+28.11 to 464+61.02		RT	91024		331.3					
		467+00.00 to 472+40.00		RT	21510		819.9					
		469+70.00 to 469+70.00		LT	108488		4107.0					
		472+40.00 to 477+50.00		LT/RT	108516		3677.9					
		472+40.00 to 477+50.00		RT	21930		617.7					
0327 70 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	31+30.81 to 31+59.19		LT	25946	SY	138.9		139			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877
 ENGINEER OF RECORD:
 JEFFREY A. MESSENGER, P.E.
 FL REGISTRATION NO. 57539

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

SUMMARY OF QUANTITIES		SHEET NO. SQ-33
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SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0327 70 8	MILLING EXIST ASPH PAVT, 2 1/2" AVG DEPTH	24+70.00 to 27+40.00		LT/RT	22892	SY	745.7		2329			
		27+40.00 to 32+60.00		LT/RT	22901		1583.6					
0327 70 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	403+84.17 to 409+60.00		RT	25440	SY	531.8		6914			
		403+85.13 to 408+08.61		LT/RT	25314		635.1					
		403+87.37 to 409+60.00		LT	25301		282.8					
		405+85.28 to 409+60.00		RT	25417		596.0					
		409+60.00 to 415+00.00		LT	25059		292.3					
		409+60.00 to 415+00.00		RT	25254		436.2					
		412+29.84 to 412+29.84		RT	25075		768.3					
		412+55.44 to 415+00.00		RT	25244		216.8					
		415+00.00 to 416+68.38		RT	25049		93.6					
		415+00.00 to 417+12.34		LT	24987		119.3					
		415+00.00 to 420+40.00		LT/RT	24818		1210.9					
		417+58.99 to 420+40.00		RT	25040		158.1					
		418+02.63 to 420+40.00		LT	24807		296.3					
		420+40.00 to 422+49.80		LT	24774		120.8					
		420+40.00 to 425+80.00		LT	24744		556.7					
		420+40.00 to 425+80.00		RT	24788		301.7					
		425+48.49 to 425+80.00		RT	24781		2.4					
		425+71.83 to 425+80.00		LT	24764		2.2					
425+80.00 to 426+99.99		LT	24662		58.5							
425+80.00 to 427+00.00		RT	24736		60.6							
425+80.00 to 427+01.71		RT	24669		80.4							
425+80.00 to 427+01.71		LT	24595		92.9							
0327 70 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	403+84.33 to 409+60.00		RT	109036	SY	1497.9		18618			
		403+86.56 to 409+60.00		LT	109018		1532.6					
		409+60.00 to 415+00.00		LT	108979		1402.7					
		409+60.00 to 415+00.00		RT	108997		1446.8					
		415+00.00 to 420+40.00		LT	108848		1909.8					
		415+00.00 to 420+40.00		RT	108942		1648.0					
		420+40.00 to 425+80.00		RT	108827		1414.2					
		420+40.00 to 425+80.00		LT	108811		1425.3					
		425+80.00 to 429+00.00		LT	108784		820.9					
		425+80.00 to 429+00.00		RT	108797		824.0					
		460+00.00 to 461+60.00		RT	108777		411.8					
		461+60.00 to 467+00.00		RT	108754		1386.4					
		467+00.00 to 472+40.00		RT	108719		1384.0					
472+40.00 to 477+50.00		RT	109054		1513.4							
0327 70 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	403+84.17 to 409+60.00		RT	111631	SY	531.8		13832			
		403+84.17 to 409+60.00		RT	112517		531.8					
		403+85.13 to 408+08.61		LT/RT	111672		635.1					
		403+85.13 to 408+08.61		LT/RT	112558		635.1					
		403+87.37 to 409+60.00		LT	112481		282.8					
		403+87.37 to 409+60.00		LT	111595		282.8					
		405+85.28 to 409+60.00		RT	111608		596.0					
		405+85.28 to 409+60.00		RT	112494		596.0					
		409+60.00 to 415+00.00		LT	111353		292.3					
		409+60.00 to 415+00.00		RT	111548		436.2					
		409+60.00 to 415+00.00		RT	112434		436.2					
		409+60.00 to 415+00.00		LT	112239		292.3					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877
 ENGINEER OF RECORD:
 JEFFREY A. MESSENGER, P.E.
 FL REGISTRATION NO. 57539

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

SUMMARY OF QUANTITIES

SHEET NO.
SQ-34

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0327 70 20	MILLING EXIST ASPH PAVT, 3 3/4"	412+29.84 to 412+29.84		RT	111369	SY	768.3					
	AVG DEPTH (CONT'D)	412+29.84 to 412+29.84		RT	112255		768.3					
		412+55.44 to 415+00.00		RT	112424		216.8					
		412+55.44 to 415+00.00		RT	111538		216.8					
		415+00.00 to 415+28.13		LT	110889		2.4					
		415+00.00 to 415+28.13		LT	111775		2.4					
		415+00.00 to 416+68.38		RT	111343		93.6					
		415+00.00 to 416+68.38		RT	112229		93.6					
		415+00.00 to 417+12.34		LT	111290		119.3					
		415+00.00 to 417+12.34		LT	112176		119.3					
		415+00.00 to 420+40.00		LT/RT	111116		1210.9					
		415+00.00 to 420+40.00		LT/RT	112002		1210.9					
		417+58.99 to 420+40.00		RT	111281		158.1					
		417+58.99 to 420+40.00		RT	112167		158.1					
		418+02.63 to 420+40.00		LT	111991		296.3					
		418+02.63 to 420+40.00		LT	111105		296.3					
		420+40.00 to 422+49.80		LT	111984		120.8					
		420+40.00 to 422+49.80		LT	111098		120.8					
		420+40.00 to 425+80.00		LT	111042		556.7					
		420+40.00 to 425+80.00		RT	111079		301.7					
		420+40.00 to 425+80.00		LT	111928		556.7					
		420+40.00 to 425+80.00		RT	111965		301.7					
		425+48.49 to 425+80.00		RT	111072		2.4					
		425+48.49 to 425+80.00		RT	111958		2.4					
		425+71.83 to 425+80.00		LT	111948		2.2					
		425+71.83 to 425+80.00		LT	111062		2.2					
		425+80.00 to 426+99.99		LT	110893		58.5					
		425+80.00 to 426+99.99		LT	111779		58.5					
		425+80.00 to 427+00.00		RT	111920		60.6					
		425+80.00 to 427+00.00		RT	111034		60.6					
	425+80.00 to 427+01.71		RT	110967		80.4						
	425+80.00 to 427+01.71		LT	110900		92.9						
	425+80.00 to 427+01.71		LT	111786		92.9						
	425+80.00 to 427+01.71		RT	111853		80.4						
0334 1 23	SUPERPAVE ASPHALTIC CONCRETE	7+43.16 to 7+81.68		RT	114488	TN	1.95		18769.4			
	(TRAFFIC C, PG 76-22, PMA)	24+70.00 to 27+40.00		LT/RT	112743		61.52					
		24+76.32 to 25+18.32		RT	114474		3.26					
		25+47.29 to 27+40.00		RT	112772		6.69					
		26+01.45 to 26+43.45		RT	114481		2.87					
		27+26.68 to 27+40.00		RT	113123		0.21					
		27+40.00 to 27+99.61		RT	113116		8.52					
		27+40.00 to 32+60.00		LT/RT	112752		130.64					
		27+40.00 to 32+80.00		LT/RT	112779		133.49					
		27+87.48 to 28+62.96		LT	113110		8.67					
		32+80.00 to 34+26.23		LT/RT	114568		121.94					
		34+26.23 to 36+65.40		LT/RT	114548		927.35					
		36+06.42 to 38+20.00		LT	114586		52.04					
		36+65.40 to 38+20.00		LT/RT	114563		121.17					
		37+75.22 to 38+18.03		RT	113025		8.72					
	38+15.35 to 43+60.00		RT	113032		128.20						

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877
 ENGINEER OF RECORD:
 JEFFREY A. MESSENGER, P.E.
 FL REGISTRATION NO. 57539

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

SUMMARY OF QUANTITIES

SHEET NO.
 SQ-35

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0334 1 23	SUPERPAVE ASPHALTIC CONCRETE	38+20.00 to 43+60.00		LT/RT	114597	TN	398.34					
	(TRAFFIC C, PG 76-22, PMA)	43+60.00 to 46+08.74		RT	113043		58.18					
	(CONT'D)	46+37.07 to 46+37.07		LT	114614		442.49					
		46+52.40 to 47+35.00		RT	114643		14.71					
		46+75.45 to 47+50.34		LT	113127		9.02					
		47+13.64 to 49+00.00		RT	114429		19.53					
		47+60.64 to 49+00.00		RT	113048		30.66					
		49+00.00 to 52+68.57		LT/RT	112819		132.03					
		49+00.00 to 54+40.00		RT	114436		49.52					
		49+00.00 to 54+40.00		LT/RT	112810		269.56					
		49+00.00 to 54+40.00		RT	113053		118.84					
		54+40.00 to 58+03.84		RT	114445		33.47					
		54+40.00 to 59+80.00		LT/RT	112828		468.75					
		58+15.22 to 59+80.00		RT	114457		15.09					
		59+80.00 to 60+78.58		RT	114462		8.87					
		59+80.00 to 65+20.00		LT	112851		199.45					
		59+80.00 to 65+20.00		RT	112858		197.97					
		65+20.00 to 70+60.00		RT	112870		195.86					
		65+20.00 to 70+60.00		LT	112865		200.14					
		70+60.00 to 76+00.00		LT/RT	112875		465.59					
		74+53.39 to 75+73.18		LT	113132		20.92					
		76+00.00 to 81+40.00		LT/RT	112890		431.04					
		81+40.00 to 86+80.00		LT/RT	112902		465.62					
		82+20.25 to 83+40.27		RT	113137		22.31					
		86+80.00 to 92+20.00		RT	112925		198.00					
		86+80.00 to 92+20.00		LT	112920		198.00					
		92+09.67 to 93+33.67		RT	113144		20.84					
		92+20.00 to 94+00.00		RT	112936		66.00					
		92+20.00 to 94+00.00		LT	112931		66.00					
		212+72.03 to 216+15.64		LT/RT	113018		74.54					
		403+84.17 to 409+60.00		RT	113686		29.25					
		403+84.33 to 409+60.00		RT	113529		247.15					
		403+85.13 to 408+08.61		LT/RT	113560		34.93					
		403+86.56 to 409+60.00		LT	113511		252.88					
		403+87.37 to 409+60.00		LT	113547		15.56					
		405+85.28 to 409+60.00		RT	113663		32.78					
		405+90.98 to 409+60.00		RT	114716		44.10					
		406+62.29 to 407+35.79		RT	114732		8.95					
		409+60.00 to 409+99.50		RT	113104		4.35					
		409+60.00 to 415+00.00		RT	113490		238.71					
		409+60.00 to 415+00.00		LT	113472		231.45					
		409+60.00 to 415+00.00		RT	113896		23.99					
		409+60.00 to 415+00.00		LT	113943		16.08					
		412+29.84 to 412+29.84		RT	113727		42.26					
		412+55.44 to 415+00.00		RT	113959		11.92					
		415+00.00 to 416+68.38		RT	114187		5.15					
		415+00.00 to 417+12.34		LT	113969		6.56					
		415+00.00 to 420+40.00		LT/RT	114022		66.60					
		415+00.00 to 420+40.00		LT	113341		314.94					
		415+00.00 to 420+40.00		RT	113435		271.66					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877
 ENGINEER OF RECORD:
 JEFFREY A. MESSENGER, P.E.
 FL REGISTRATION NO. 57539

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

SUMMARY OF QUANTITIES

SHEET NO.
SQ-36

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0334 1 23	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C, PG 76-22, PMA) (CONT'D)	417+58.99 to 420+40.00		RT	114208	TN	8.69					
		417+63.20 to 420+40.00		LT	113067		29.33					
		418+02.63 to 420+40.00		LT	114197		16.30					
		420+40.00 to 421+45.55		LT	113061		10.60					
		420+40.00 to 422+49.80		LT	114237		6.64					
		420+40.00 to 425+80.00		LT	113325		235.17					
		420+40.00 to 425+80.00		RT	114244		16.59					
		420+40.00 to 425+80.00		LT	114217		30.62					
		420+40.00 to 425+80.00		RT	113304		233.34					
		425+48.49 to 425+80.00		RT	114263		0.13					
		425+71.83 to 425+80.00		LT	114270		0.12					
		425+80.00 to 426+99.99		LT	114280		3.22					
		425+80.00 to 427+00.00		RT	114421		3.33					
		425+80.00 to 427+01.71		RT	114354		4.42					
		425+80.00 to 427+01.71		LT	114287		5.11					
		425+80.00 to 429+00.00		LT	113277		135.44					
		425+80.00 to 429+00.00		RT	113290		135.97					
		427+00.00 to 431+20.00		LT/RT	112942		714.18					
		431+20.00 to 436+60.00		LT/RT	114537		1005.10					
		436+60.00 to 442+00.00		LT/RT	114527		1059.83					
		445+40.00 to 446+67.83		RT	114591		24.30					
		445+40.00 to 450+80.00		LT/RT	114698		1013.00					
		449+00.69 to 450+82.52		LT	113012		39.66					
		450+80.00 to 456+20.04		RT	114520		485.12					
		450+80.00 to 461+60.00		LT	114739		767.01					
		450+80.12 to 461+60.00		LT	114750		262.37					
		456+20.04 to 461+60.00		RT	114510		439.24					
		460+00.00 to 461+60.00		LT	113264		69.94					
		460+00.00 to 461+60.00		RT	113270		67.95					
		461+60.00 to 467+00.00		RT	113236		256.91					
		461+60.00 to 467+00.00		RT	114579		184.99					
		461+60.00 to 467+00.00		LT/RT	114683		295.09					
		461+60.00 to 467+00.00		LT	114677		137.71					
		461+60.00 to 467+00.00		LT	113253		240.07					
		463+28.11 to 464+61.02		RT	114573		27.34					
		467+00.00 to 472+40.00		RT	114496		135.28					
		467+00.00 to 472+40.00		LT	114502		133.53					
		467+00.00 to 472+40.00		RT	113195		339.71					
		467+00.00 to 472+40.00		LT	113219		239.70					
		467+00.00 to 472+40.00		LT/RT	112964		183.52					
		472+40.00 to 477+50.00		LT/RT	112984		258.78					
		472+40.00 to 477+50.00		LT	113149		225.66					
		472+40.00 to 477+50.00		LT	114651		121.60					
		472+40.00 to 477+50.00		RT	114661		101.92					
		472+40.00 to 477+50.00		RT	113174		250.80					
		26+00.00 to 32+00.00		LT/RT	N/A		306.42				LEVELING	
0337 7 22	ASPHALTIC CONCRETE FRICTION COURSE (FC-5, PG 76-22, PMA)	403+84.17 to 409+60.00		RT	33555	TN	21.34		3298.8			
		403+84.33 to 409+60.00		RT	33255		60.10					
		403+85.13 to 405+85.28		LT/RT	115998		7.20					
		403+86.56 to 409+60.00		LT	33237		61.50					
		403+87.37 to 409+60.00		LT	33439		11.35					

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-37
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	ROAD NO. 46	COUNTY LAKE	FINANCIAL PROJECT ID 238275-2-52-01			

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0337 7 22	ASPHALTIC CONCRETE FRICTION COURSE	404+07.93 to 408+08.61		LT	34326	TN	18.28					
	(FC-5, PG 76-22, PMA)	405+85.28 to 409+56.14		RT	34344		23.70					
	(CONT'D)	405+90.98 to 409+60.00		RT	32881		15.13					
		409+60.00 to 409+99.50		RT	32875		1.06					
		409+60.00 to 415+00.00		LT	33619		11.73					
		409+60.00 to 415+00.00		RT	33804		17.50					
		409+60.00 to 415+00.00		LT	33198		56.28					
		409+60.00 to 415+00.00		RT	33216		58.05					
		410+35.75 to 410+35.75		LT	115841		13.99					
		411+11.50 to 415+00.00		LT	34366		16.84					
		412+55.44 to 415+00.00		RT	34402		8.70					
		415+00.00 to 416+68.38		RT	34083		3.76					
		415+00.00 to 416+79.80		RT	34387		10.72					
		415+00.00 to 417+12.34		LT	33861		4.79					
		415+00.00 to 420+40.00		RT	33161		66.06					
		415+00.00 to 420+40.00		LT	33067		76.59					
		415+28.13 to 418+93.38		LT/RT	115498		22.42					
		417+58.99 to 420+40.00		RT	34104		6.34					
		417+63.20 to 420+40.00		LT	32923		7.13					
		417+69.50 to 420+40.00		LT	34413		15.45					
		418+02.63 to 420+40.00		LT	34093		11.89					
		420+40.00 to 421+45.55		LT	32958		2.58					
		420+40.00 to 422+49.80		LT	34449		4.85					
		420+40.00 to 425+80.00		RT	33046		56.74					
		420+40.00 to 425+80.00		LT	34113		22.34					
		420+40.00 to 425+80.00		RT	34140		12.10					
		420+40.00 to 425+80.00		LT	33030		57.19					
		425+80.00 to 427+00.00		RT	34176		2.43					
		425+80.00 to 429+00.00		RT	116089		36.29					
		425+80.00 to 429+00.00		LT	116166		38.99					
		427+00.00 to 431+20.00		LT/RT	34532		173.68					
		431+20.00 to 436+60.00		LT/RT	34554		244.42					
		436+60.00 to 442+00.00		LT/RT	93675		257.73					
		442+00.00 to 445+40.00		LT/RT	93674		225.51					
		445+40.00 to 450+80.00		LT/RT	93784		247.38					
		450+80.00 to 456+20.00		LT	93805		112.25					
		450+80.00 to 456+20.04		RT	93789		117.97					
		456+20.00 to 461+60.00		LT	116325		165.41					
		456+20.00 to 461+60.00		RT	116331		123.36					
		461+60.00 to 467+00.00		LT/RT	116300		283.32					
		469+70.00 to 469+70.00		LT	116274		253.36					
		472+40.00 to 477+50.00		LT/RT	116259		233.03					
0337 7 42	ASPHALTIC CONCRETE FRICTION COURSE	405+90.98 to 409+60.00		RT	103354	TN	11.31		24.1			
	(TRAFFIC C, FC-9.5, PG 76-22, PMA)	409+60.00 to 410+08.28		RT	32853		1.36					
		417+63.65 to 420+40.00		LT	32848		8.23					
		420+40.00 to 421+45.55		LT	32841		3.24					
0337 7 43	ASPHALTIC CONCRETE FRICTION COURSE	6+45.00 to 8+30.20		LT/RT	121883	TN	38.51		6390.6			
	(TRAFFIC C, FC-12.5, PG 76-22, PMA)	24+70.00 to 27+40.00		LT/RT	122188		68.42					
		24+70.21 to 25+44.21		LT	121828		17.91					
		27+40.00 to 27+99.61		RT	121487		8.52					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877
 ENGINEER OF RECORD:
 JEFFREY A. MESSENGER, P.E.
 FL REGISTRATION NO. 57539

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

SUMMARY OF QUANTITIES

SHEET NO.
SQ-38

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
		28+13.13 to 28+37.15		LT	121838		17.30					
		30+10.03 to 30+10.03		RT	122165		264.19					
		31+30.50 to 31+78.50		LT	121847		56.45					
		31+30.75 to 31+59.38		LT	121853		4.20					
		31+30.81 to 31+59.19		LT	121858		11.46					
		31+71.61 to 32+95.00		LT/RT	121923		36.39					
		32+80.00 to 34+26.23		LT/RT	121928		121.98					
		36+06.42 to 38+20.00		LT	121930		52.04					
		36+65.40 to 38+20.00		LT/RT	121929		121.17					
		37+73.30 to 38+19.26		RT	122134		16.33					
		38+14.22 to 43+60.00		RT	122111		220.36					
		38+19.99 to 43+60.00		LT/RT	121939		398.21					
		43+60.00 to 46+09.33		RT	122125		97.14					
		46+36.67 to 46+93.99		RT	121878		18.15					
		46+37.07 to 46+37.07		LT	121955		442.49					
		46+52.89 to 47+35.00		RT	121540		14.71					
		46+66.80 to 47+55.02		LT	121863		22.56					
		46+75.45 to 47+50.34		LT	121535		9.02					
		47+60.64 to 49+00.00		RT	122229		51.10					
		49+00.00 to 54+40.00		RT	122217		198.06					
		51+67.21 to 51+67.21		LT	122202		401.50					
		54+40.00 to 59+80.00		LT/RT	122238		490.00					
		59+80.00 to 65+20.00		RT	121594		197.97					
		59+80.00 to 65+20.00		LT	121587		199.45					
		65+20.00 to 70+60.00		LT	121601		200.14					
		65+20.00 to 70+60.00		RT	121606		195.86					
		70+60.00 to 76+00.00		LT/RT	121611		465.59					
		74+53.39 to 75+73.18		LT	121626		20.92					
		75+01.15 to 75+24.99		LT	121898		13.12					
		76+00.00 to 81+40.00		LT/RT	121631		431.04					
		81+40.00 to 86+80.00		LT/RT	121643		465.62					
		82+20.25 to 83+40.27		RT	121661		21.32					
		86+80.00 to 92+20.00		RT	121673		198.00					
		86+80.00 to 92+20.00		LT	121668		198.00					
		92+09.67 to 93+33.67		RT	121690		20.84					
		92+20.00 to 94+00.00		LT	121679		66.00					
		92+20.00 to 94+00.00		RT	121684		66.00					
		92+59.67 to 92+83.67		RT	121905		12.65					
		212+72.03 to 216+15.64		LT/RT	122098		132.38					
		445+40.00 to 446+67.86		RT	121984		24.35					
		448+99.95 to 450+83.51		LT	122087		66.09					
		450+79.52 to 455+65.59		LT	122076		173.47					
		463+76.35 to 464+10.48		RT	121912		14.96					

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p align="center">MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877</p>		<p align="center">STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>46</td> <td>LAKE</td> <td>238275-2-52-01</td> </tr> </tbody> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	46	LAKE	238275-2-52-01	<p align="center">SUMMARY OF QUANTITIES</p>		<p align="center">SHEET NO. SQ-39</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
46	LAKE	238275-2-52-01																							

SUMMARY OF MISCELLANEOUS ASPHALT PAVEMENT

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	THICK (IN)	UNDER GUARDRAIL (TN)		DESIGN NOTES	CONSTRUCTION REMARKS
						0339	1		
						P	F		
423+36.60 to 425+37.95	RT	88456			2	6.71			
423+90.68 to 425+80.00	LT	88692			2	6.31			
424+04.06 to 425+80.00	RT	88442			2	7.07			
424+57.04 to 425+80.00	LT	88465			2	4.10			
425+80.00 to 426+05.14	RT	88451			2	0.84			
425+80.00 to 426+17.04	LT	88685			2	1.24			
425+80.00 to 426+58.40	LT	88470			2	2.61			
SUB-TOTAL:						28.88			
TOTAL:						28.9			

SUMMARY OF WALLS

WALL NO.	PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			STA. TO STA.				P	F	P	F		
1	0400 0 11	CONCRETE CLASS NS, GRAVITY WALL	64+50.00 TO 74+53.39		LT	CY	338.0					
2	0400 0 11	CONCRETE CLASS NS, GRAVITY WALL	427+00.00 TO 429+90.00		LT	CY	40.0					
2	0400 0 11	CONCRETE CLASS NS, GRAVITY WALL	428+60.00 TO 430+50.00		RT	CY	23.0					

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

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

ENGINEER OF RECORD:
JEFFREY A. MESSENGER, P.E.
FL REGISTRATION NO. 57539

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

SUMMARY OF QUANTITIES

SHEET
NO.

SQ-40

SUMMARY OF SIDE DRAIN & MITERED END SECTIONS

LOCATION	SIDE		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.		30"		
412+56.80	RT	1		
413+85.70	RT	1		
SUB-TOTAL:		2		
TOTAL:		2		

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-41
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				46	LAKE	238275-2-52-01			

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.					GROSS LENGTH	NET LENGTH		P			F
								P	F				
0520 1 7	CONCRETE CURB & GUTTER, TYPE E	28+66.93	to 28+66.99	LT/RT		LF	17.0	17.0	25714				
		28+66.93	to 29+22.19	LT			55.3	55.3					
		28+66.99	to 31+44.00	RT			277.1	277.1					
		29+22.19	to 31+87.72	LT			265.5	265.5					
		31+44.00	to 31+87.72	RT			45.0	45.0					
		34+59.55	to 34+67.78	RT			9.6	9.6					
		34+67.78	to 34+79.11	RT			14.9	14.9					
		34+71.09	to 34+94.58	LT			37.5	37.5					
		34+85.84	to 34+99.70	RT			43.9	43.9					
		36+00.56	to 36+24.05	LT			36.3	36.3					
		36+16.91	to 36+18.34	RT			13.2	13.2					
		36+18.34	to 36+20.92	RT			8.0	8.0					
		36+21.29	to 36+39.17	RT			27.7	27.7					
		36+24.05	to 37+64.17	LT			140.1	140.1					
		36+36.06	to 36+53.00	LT			16.9	16.9					
		36+36.06	to 36+53.00	LT			16.9	16.9					
		38+41.50	to 38+60.00	RT			18.5	18.5					
		38+41.50	to 39+26.92	LT/RT			87.8	87.8					
		38+60.00	to 41+54.09	RT			295.9	295.9					
		39+26.92	to 39+30.25	LT			3.3	3.3					
		39+30.25	to 44+70.53	LT			536.7	536.7					
		41+54.09	to 44+27.56	RT			275.3	275.3					
		44+27.56	to 44+70.57	LT/RT			44.4	44.4					
		46+81.31	to 46+82.21	RT			5.3	5.3					
		46+81.31	to 46+97.73	LT/RT			19.7	19.7					
		46+82.21	to 46+99.78	RT			17.7	17.7					
		46+97.73	to 46+99.01	LT			1.4	1.4					
		46+99.78	to 47+12.37	RT			12.6	12.6					
		46+99.78	to 47+28.49	LT			28.7	28.7					
		47+12.37	to 47+13.67	RT			1.4	1.4					
		47+13.67	to 47+29.43	LT/RT			19.1	19.1					
		47+28.49	to 47+29.43	LT			5.3	5.3					
		49+48.52	to 49+92.27	LT/RT			45.0	45.0					
		49+48.52	to 52+24.82	RT			276.3	276.3					
		49+92.27	to 52+68.57	LT			276.3	276.3					
		52+24.82	to 52+68.57	LT/RT			45.0	45.0					
		54+85.67	to 54+86.37	RT			4.0	4.0					
		54+85.67	to 55+06.13	LT/RT			25.9	25.9					
		54+86.37	to 61+54.53	RT			668.2	668.2					
		55+06.13	to 55+07.23	LT			1.2	1.2					
		55+07.23	to 61+54.53	LT			647.3	647.3					
		61+54.53	to 72+18.90	RT			1060.8	1060.8					
		61+54.53	to 72+62.86	LT			1112.0	1112.0					
		72+18.90	to 72+62.84	LT/RT			45.1	45.1					
		77+63.39	to 78+07.14	LT/RT			45.0	45.0					
		77+63.39	to 82+78.23	RT			514.8	514.8					
		78+06.97	to 82+99.08	LT			492.1	492.1					
		82+78.23	to 82+79.33	RT			1.2	1.2					
		82+79.33	to 82+99.78	LT/RT			25.9	25.9					
		82+99.08	to 82+99.78	LT			4.0	4.0					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

SUMMARY OF QUANTITIES

SHEET NO.
SQ-43

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
						GROSS LENGTH	NET LENGTH	P	F		
		P	F								
0520 1 7	CONCRETE CURB & GUTTER, TYPE E (CONT'D)	86+26.88 to 86+70.63	LT/RT		LF	45.0	45.0				
		86+26.88 to 94+00.00	RT			773.1	773.1				
		86+70.63 to 94+00.00	LT			729.4	729.4				
		427+00.00 to 427+06.00	LT			6.1	6.1				
		427+06.00 to 442+49.34	LT			1543.3	1543.3				
		428+15.40 to 442+76.88	RT			1461.5	1461.5				
		432+25.66 to 432+64.95	LT			39.7	39.7				
		432+25.66 to 438+79.32	RT			653.7	653.7				
		432+64.95 to 439+18.60	LT			653.7	653.7				
		438+79.32 to 439+18.60	RT			39.7	39.7				
		444+38.43 to 444+44.25	RT			5.8	5.8				
		444+39.06 to 444+44.25	LT			5.2	5.2				
		444+44.25 to 444+52.25	RT			8.0	8.0				
		444+44.25 to 447+49.43	LT			305.2	305.2				
		444+52.25 to 445+54.95	RT			102.7	102.7				
		446+70.19 to 450+43.52	RT			373.6	373.6				
		447+49.43 to 447+99.43	LT			51.4	51.4				
		447+78.84 to 448+20.50	LT/RT			42.8	42.8				
		447+78.84 to 464+05.14	RT			1626.3	1626.3				
		447+99.43 to 451+95.71	LT			396.3	396.3				
		448+20.50 to 464+19.56	LT			1599.1	1599.1				
		449+39.60 to 453+09.41	LT			371.5	371.5				
		450+43.52 to 460+33.93	RT			990.4	990.4				
		451+95.71 to 455+57.73	LT			362.2	362.2				
		453+09.41 to 454+41.74	LT			132.7	132.7				
		453+09.41 to 455+57.96	LT			249.2	249.2				
		454+02.34 to 454+71.89	LT			70.0	70.0				
		454+71.89 to 461+71.89	LT			701.7	701.7				
		460+33.93 to 460+83.93	RT			51.4	51.4				
		460+83.93 to 463+27.94	RT			244.0	244.0				
		461+71.89 to 477+44.00	LT			1572.1	1572.1				
		464+05.14 to 464+07.57	RT			2.7	2.7				
		464+07.57 to 464+20.39	LT/RT			16.5	16.5				
		464+19.56 to 464+20.39	LT			3.8	3.8				
		464+61.00 to 477+44.00	RT			1283.0	1283.0				
		467+17.63 to 470+29.16	RT			311.5	311.5				
		467+61.82 to 470+73.37	LT			311.5	311.5				
		467+87.76 to 468+50.05	RT			62.3	62.3				
		473+70.58 to 473+71.41	RT			3.8	3.8				
		473+70.58 to 473+83.40	LT/RT			16.5	16.5				
		473+71.41 to 477+50.00	RT			378.6	378.6				
		473+83.40 to 473+85.82	LT			2.7	2.7				
		473+85.82 to 477+50.00	LT			364.2	364.2				
		476+99.98 to 477+44.00	RT			44.0	44.0				
		477+44.00 to 477+50.00	RT			6.1	6.1				
		477+44.00 to 477+50.00	LT			6.1	6.1				
		477+44.00 to 477+50.00	RT			6.1	6.1				
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	25+20.71 to 25+20.71	LT		LF	24.0	24.0	15591			
		25+20.71 to 25+20.72	LT			0.6	0.6				
		25+20.72 to 25+33.97	LT			25.7	25.7				

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
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 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877
 ENGINEER OF RECORD:
 JEFFREY A. MESSENGER, P.E.
 FL REGISTRATION NO. 57539

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

SUMMARY OF QUANTITIES

SHEET NO.
 SQ-44