

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
		P						F				
0520 1 10	CONCRETE CURB & GUTTER, TYPE F (CONT'D)	25+33.97 to 25+44.21	LT		LF	10.6	10.6					
		25+44.21 to 26+40.11	LT			95.9	95.9					
		26+40.11 to 26+66.94	LT			26.8	26.8					
		26+66.94 to 26+72.11	LT			5.2	5.2					
		26+72.11 to 26+83.78	LT			11.7	11.7					
		26+83.78 to 27+15.78	LT			32.0	32.0					
		27+15.78 to 27+88.91	LT			73.2	73.2					
		27+23.99 to 27+38.40	RT			15.8	15.8					
		27+38.40 to 27+43.37	RT			7.9	7.9					
		27+43.37 to 27+46.51	RT			12.3	12.3					
		27+46.51 to 27+46.51	RT			5.2	5.2					
		27+75.15 to 27+83.00	RT			17.9	17.9					
		27+83.00 to 27+93.39	RT			11.8	11.8					
		27+88.91 to 27+95.32	LT			6.5	6.5					
		27+93.39 to 27+99.55	RT			6.2	6.2					
		27+95.32 to 28+11.28	LT			25.6	25.6					
		27+99.55 to 31+43.91	RT			344.7	344.7					
		28+11.28 to 28+11.63	LT			4.0	4.0					
		28+11.63 to 28+11.63	LT			73.2	73.2					
		28+38.65 to 28+38.65	LT			65.7	65.7					
		28+38.65 to 28+41.06	LT			11.8	11.8					
		28+41.06 to 28+58.86	LT			22.8	22.8					
		28+58.86 to 28+62.91	LT			4.1	4.1					
		28+62.91 to 29+62.88	LT			100.0	100.0					
		29+62.88 to 30+04.49	LT			41.6	41.6					
		30+04.49 to 32+81.88	LT			277.5	277.5					
		31+29.00 to 31+29.31	LT			80.2	80.2					
		31+29.00 to 31+78.83	LT			187.2	187.2					
		31+43.73 to 31+93.77	RT			51.7	51.7					
		31+60.69 to 31+60.88	LT			16.4	16.4					
		31+60.88 to 31+78.83	LT			31.6	31.6					
		31+93.77 to 34+26.23	RT			232.5	232.5					
		32+81.88 to 33+46.21	LT			64.3	64.3					
		32+81.90 to 34+56.14	LT			174.2	174.2					
		34+26.23 to 34+59.55	RT			34.6	34.6					
		34+56.14 to 34+71.09	LT			14.9	14.9					
		36+22.72 to 37+13.01	LT			166.1	166.1					
		36+38.91 to 36+65.40	RT			28.0	28.0					
		36+65.40 to 38+60.00	RT			194.6	194.6					
		37+13.01 to 37+64.17	LT			52.3	52.3					
		37+64.17 to 40+48.32	LT			278.7	278.7					
		38+60.00 to 41+54.09	RT			300.9	300.9					
		40+48.32 to 43+59.53	LT			299.2	299.2					
		41+54.09 to 46+52.40	RT			512.7	512.7					
		43+59.53 to 46+75.45	LT			304.3	304.3					
		46+22.91 to 46+28.01	RT			9.2	9.2					
		46+28.01 to 46+38.92	RT			27.2	27.2					
		46+38.92 to 46+52.17	RT			32.0	32.0					
		46+47.50 to 46+49.51	RT			9.2	9.2					
		46+49.51 to 46+60.66	RT			27.2	27.2					

REVISIONS			
DATE	DESCRIPTION	DATE	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-45

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 10	CONCRETE CURB & GUTTER, TYPE F (CONT'D)	46+52.17 to 46+72.26	RT		LF	46.4	46.4				
		46+52.40 to 46+72.26	RT			48.0	48.0				
		46+60.66 to 46+74.20	RT			32.0	32.0				
		46+74.20 to 47+10.29	RT			79.1	79.1				
		46+75.45 to 46+94.43	LT			20.8	20.8				
		46+94.43 to 47+00.06	LT			13.6	13.6				
		46+98.63 to 46+99.34	LT			6.1	6.1				
		46+99.34 to 47+00.06	LT			9.4	9.4				
		47+10.29 to 47+14.46	RT			8.6	8.6				
		47+14.46 to 47+28.58	RT			18.5	18.5				
		47+25.52 to 47+28.74	LT			6.0	6.0				
		47+28.58 to 47+35.00	RT			6.5	6.5				
		47+28.74 to 47+34.06	LT			9.4	9.4				
		47+34.06 to 47+41.99	LT			9.5	9.5				
		47+35.00 to 55+82.73	RT			847.7	847.7				
		47+41.99 to 47+50.34	LT			8.5	8.5				
		47+50.34 to 50+13.11	LT			262.8	262.8				
		50+13.11 to 50+63.30	LT			51.8	51.8				
		50+63.30 to 61+54.53	LT			1091.2	1091.2				
		53+46.32 to 55+82.73	RT			236.9	236.9				
		54+88.20 to 56+07.55	RT			120.3	120.3				
		55+82.61 to 55+82.73	RT			4.6	4.6				
		56+07.55 to 56+36.63	RT			29.2	29.2				
		56+36.63 to 57+92.73	RT			156.6	156.6				
		57+92.73 to 58+24.67	RT			32.0	32.0				
		58+24.67 to 60+98.50	RT			274.0	274.0				
		60+78.58 to 61+04.58	RT			26.0	26.0				
		61+04.58 to 61+54.55	RT			50.7	50.7				
		61+54.53 to 74+53.39	LT			1322.7	1322.7				
		61+54.55 to 67+73.69	RT			607.8	607.8				
		67+73.69 to 68+18.51	RT			44.0	44.0				
		68+18.51 to 68+57.48	RT			38.3	38.3				
		68+57.48 to 69+02.52	RT			44.2	44.2				
		69+02.52 to 70+29.25	RT			124.4	124.4				
		70+29.25 to 70+65.93	RT			36.0	36.0				
		70+65.93 to 71+30.04	RT			62.9	62.9				
		71+30.04 to 71+70.78	RT			40.0	40.0				
		71+70.78 to 73+59.97	RT			185.7	185.7				
		73+59.97 to 74+00.71	RT			40.0	40.0				
		74+00.71 to 76+42.58	RT			237.4	237.4				
		74+53.39 to 74+74.82	LT			22.7	22.7				
		74+74.82 to 74+88.27	LT			17.5	17.5				
		74+88.27 to 75+00.24	LT			34.7	34.7				
		75+00.03 to 75+00.92	LT			25.6	25.6				
		75+00.24 to 75+00.63	LT			6.0	6.0				
		75+00.63 to 75+00.92	LT			26.7	26.7				
		75+24.83 to 75+26.08	LT			29.2	29.2				
		75+26.02 to 75+26.09	LT			25.8	25.8				
		75+26.02 to 75+26.33	LT			6.0	6.0				
		75+26.33 to 75+38.81	LT			36.2	36.2				

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877
 ENGINEER OF RECORD:
 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-46

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	P	F						
0520 1 10	CONCRETE CURB & GUTTER, TYPE F (CONT'D)	75+38.81 to 75+52.43	LT		LF	17.5	17.5				
		75+52.43 to 75+73.18	LT			21.9	21.9				
		75+73.18 to 77+14.17	LT			143.6	143.6				
		76+42.58 to 76+83.33	RT			40.0	40.0				
		76+83.33 to 77+14.17	RT			30.3	30.3				
		77+14.17 to 77+87.22	RT			73.0	73.0				
		77+14.17 to 79+99.31	LT			285.1	285.1				
		77+87.22 to 78+29.22	RT			42.0	42.0				
		78+29.22 to 79+14.47	RT			85.2	85.2				
		79+14.47 to 79+48.51	RT			34.0	34.0				
		79+48.51 to 82+20.25	RT			271.7	271.7				
		79+99.31 to 80+43.31	LT			44.0	44.0				
		80+43.31 to 92+17.00	LT			1173.7	1173.7				
		82+20.25 to 82+31.86	RT			12.1	12.1				
		83+28.66 to 83+40.27	RT			12.1	12.1				
		83+40.27 to 92+09.67	RT			869.4	869.4				
		92+09.67 to 92+26.54	RT			17.2	17.2				
		92+17.00 to 92+49.00	LT			32.0	32.0				
		92+26.54 to 92+36.86	RT			11.6	11.6				
		92+36.84 to 92+58.17	RT			47.3	47.3				
		92+49.00 to 94+00.00	LT			151.0	151.0				
		92+85.17 to 93+06.47	RT			47.3	47.3				
		93+06.47 to 93+16.79	RT			11.6	11.6				
		93+16.79 to 93+33.67	RT			17.2	17.2				
93+33.67 to 94+00.00	RT			66.3	66.3						
448+45.64 to 448+85.31	LT			40.0	40.0						
449+34.93 to 453+12.41	LT			379.2	379.2						
453+12.41 to 454+02.30	LT			90.1	90.1						
463+28.11 to 463+76.58	RT			77.8	77.8						
463+70.69 to 463+76.58	RT			173.1	173.1						
464+05.93 to 464+10.62	RT			134.4	134.4						
464+10.62 to 464+11.67	RT			30.0	30.0						
464+11.67 to 464+12.55	RT			25.3	25.3						
464+12.55 to 464+17.38	RT			20.2	20.2						
464+17.38 to 464+61.02	RT			54.3	54.3						
0520 2 4	CONCRETE CURB, TYPE D	46+66.80 to 46+73.66	LT		LF	9.0	9.0		192		
		46+73.66 to 46+98.63	LT			40.8	40.8				
		46+82.66 to 46+86.58	LT			4.5	4.5				
		46+86.58 to 46+95.36	LT			9.4	9.4				
		46+95.36 to 46+96.41	LT			2.4	2.4				
		47+08.52 to 47+13.41	LT			12.4	12.4				
		47+08.52 to 47+17.51	LT			15.6	15.6				
		47+17.51 to 47+47.00	LT			36.2	36.2				
		47+24.59 to 47+25.52	LT			3.1	3.1				
		47+24.59 to 47+32.97	LT			30.6	30.6				
0520 5 11	TRAFFIC SEPARATOR CONCRETE - TYPE I, 4' WIDE	35+55.49 to 35+59.49	LT		LF	3.1	3.1		801		
		36+56.58 to 36+56.58	RT			3.1	3.1				
		36+56.58 to 38+41.50	RT			92.5	92.5				
		36+56.58 to 38+41.50	RT			92.5	92.5				

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-47
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 STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
						GROSS LENGTH	NET LENGTH		P		
		P					F				
0520 5 11	TRAFFIC SEPARATOR CONCRETE - TYPE I, 4' WIDE (CONT'D)	37+64.17 to 37+64.17	LT		LF	2.0	2.0				
		37+64.17 to 39+30.25	LT			83.0	83.0				
		37+64.17 to 39+30.25	LT			83.0	83.0				
		39+30.25 to 39+51.64	LT			10.4	10.4				
		39+30.25 to 39+51.64	LT			10.4	10.4				
		39+51.64 to 39+51.64	LT			3.1	3.1				
		444+78.82 to 447+78.84	RT			150.0	150.0				
		444+78.82 to 447+78.84	RT			150.0	150.0				
		445+54.95 to 445+54.95	RT			2.0	2.0				
		445+54.95 to 446+67.86	RT			56.5	56.5				
		445+54.95 to 446+67.86	RT			56.5	56.5				
		446+67.86 to 446+67.86	RT			3.1	3.1				
0520 5 16	TRAFFIC SEPARATOR CONCRETE - TYPE I, 8.5' WIDE	31+87.72 to 34+52.14	RT		LF	132.2	132.2	2815			
		31+87.72 to 34+52.14	LT			132.2	132.2				
		34+52.14 to 34+52.14	LT/RT			6.7	6.7				
		35+51.37 to 35+59.86	RT			6.7	6.7				
		44+70.53 to 46+39.02	LT			83.7	83.7				
		44+70.57 to 46+39.02	LT			84.2	84.2				
		46+39.02 to 46+39.02	LT			6.7	6.7				
		47+68.86 to 47+68.86	RT			6.6	6.6				
		47+68.86 to 49+48.52	RT			89.8	89.8				
		47+68.86 to 49+48.52	RT			89.8	89.8				
		52+68.57 to 54+50.00	LT			90.7	90.7				
		52+68.57 to 54+50.00	LT			90.7	90.7				
		54+50.00 to 54+50.00	LT			6.7	6.7				
		72+62.84 to 74+54.25	LT			95.7	95.7				
		72+62.86 to 74+54.25	LT			96.0	96.0				
		74+54.25 to 74+54.25	LT			6.7	6.7				
		75+71.92 to 75+71.92	RT			6.7	6.7				
		75+71.92 to 77+14.17	RT			71.1	71.1				
		75+71.92 to 77+14.17	RT			70.9	70.9				
		77+14.17 to 77+63.39	RT			24.6	24.6				
		77+14.17 to 77+63.39	RT			24.6	24.6				
		83+24.90 to 83+25.75	RT			2.7	2.7				
		83+24.90 to 83+46.04	RT			10.9	10.9				
		83+25.75 to 86+26.88	RT			150.6	150.6				
		83+46.04 to 86+26.88	RT			140.4	140.4				
		428+24.11 to 428+24.11	LT/RT			6.7	6.7				
		428+24.11 to 432+25.66	LT			200.8	200.8				
		428+24.11 to 432+25.66	RT			200.8	200.8				
		439+18.60 to 442+60.98	LT			171.2	171.2				
		439+18.60 to 442+60.98	RT			171.2	171.2				
		464+45.50 to 464+46.35	RT			2.7	2.7				
		464+45.50 to 464+66.64	LT/RT			10.9	10.9				
		464+46.35 to 467+17.63	RT			135.6	135.6				
		464+66.64 to 467+17.63	LT			125.5	125.5				
		467+17.63 to 467+17.63	LT/RT			4.3	4.3				
		470+73.37 to 470+73.37	LT/RT			4.3	4.3				
		470+73.37 to 473+20.00	LT			123.3	123.3				
		470+73.37 to 473+20.00	RT			123.3	123.3				

REVISIONS			
DATE	DESCRIPTION	DATE	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-48

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	P	F		
0520 5 16	TRAFFIC SEPARATOR CONCRETE - TYPE I, 8.5' WIDE	473+20.00 to 473+20.00	LT/RT		LF	6.7	6.7				
	(CONT'D)										

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SQ-49
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01		

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
					0522 1		0527 2			
					SY		SF			
P	F	P	F							
24+70.00 to 24+94.33	LT	16771			14.4					
25+21.22 to 25+34.19	LT	16796			10.6					
25+34.19 to 26+50.11	LT	16784			64.6					
26+62.11 to 26+93.78	LT	16799			17.6					
27+05.78 to 27+40.00	LT	16808			19.0					
27+31.86 to 27+42.94	RT	16830			4.8					
27+40.00 to 27+95.17	LT	16819			30.6					
27+83.33 to 27+99.52	RT	16879			7.1					
27+95.17 to 28+10.79	LT	16834			13.0					
27+99.27 to 32+80.00	RT	16855			321.7					
28+41.62 to 28+58.86	LT	16837			10.3					
28+58.86 to 29+72.88	LT	16842			76.0					
29+94.49 to 32+80.00	LT	16932			192.3					
31+21.50 to 32+19.34	LT	16883			165.8					
31+21.75 to 31+26.77	LT	16931			8.2					
31+63.72 to 31+68.79	LT	16928			8.4					
32+80.00 to 34+57.64	LT	89865			114.5					
32+80.00 to 34+92.03	RT	17075			181.7					
34+54.14 to 34+94.44	LT	104141			40.4					
34+59.32 to 34+67.49	RT	17116			4.9					
34+74.11 to 34+85.43	RT	17121			5.2					
36+00.19 to 37+12.00	LT	90117			84.0					
36+18.89 to 38+20.00	RT	90059			173.4					
36+96.40 to 38+19.99	LT	90025			114.9					
38+19.99 to 43+60.00	LT	90035			289.3					
38+20.00 to 43+60.00	RT	90084			308.1					
43+60.00 to 46+57.54	RT	90088			170.8					
43+60.00 to 46+94.03	LT	17335			178.6					
46+57.52 to 46+69.61	RT	17356			5.2					
46+89.22 to 46+99.55	LT	17360			6.6					
47+10.73 to 47+23.65	RT	20931			36.3					
47+34.40 to 47+48.17	LT	17372			5.1					
47+48.17 to 49+00.00	LT	17366			75.9					
49+00.00 to 54+40.00	LT	17376			292.7					
54+40.00 to 59+80.00	LT	17385			300.0					
59+80.00 to 65+20.00	LT	17393			304.1					
60+19.41 to 60+98.58	RT	93066			71.1					
60+20.91 to 65+20.00	RT	17408			312.5					
65+20.00 to 68+67.67	RT	17416			192.9					
65+20.00 to 70+60.00	LT	17432			306.1					
68+92.33 to 70+39.43	RT	17437			79.7					
70+55.75 to 70+60.00	RT	17487			2.1					
70+60.00 to 71+40.21	RT	17479			43.5					
70+60.00 to 74+94.81	LT	17446			264.0					
71+60.61 to 73+70.14	RT	17493			113.6					
73+90.54 to 76+00.00	RT	17529			113.8					
74+74.59 to 74+87.90	LT	17500			8.4					
SUB-TOTAL:					5163.8					
TOTAL:					12311		366			

REVISIONS			
DATE	DESCRIPTION	DATE	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-50

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
					0522 1		0527 2			
					SY		SF			
P	F	P	F							
75+36.16 to 76+00.00	LT	17503			37.1					
75+39.17 to 75+52.65	LT	17526			8.4					
76+00.00 to 76+52.75	RT	17536			28.5					
76+00.00 to 80+09.31	LT	17542			228.5					
76+73.16 to 77+97.22	RT	17555			68.1					
78+19.22 to 79+24.47	RT	17564			58.1					
79+38.51 to 81+40.00	RT	17571			111.8					
80+33.31 to 81+40.00	LT	17584			59.1					
81+40.00 to 82+25.61	RT	17585			47.6					
81+40.00 to 86+80.00	LT	17595			300.0					
82+25.61 to 82+38.27	RT	17591			5.2					
83+22.26 to 83+34.91	RT	17606			5.2					
83+34.91 to 86+80.00	RT	17610			191.7					
86+80.00 to 92+20.00	LT	17621			300.0					
86+80.00 to 92+20.00	RT	17616			300.0					
92+20.00 to 94+00.00	LT	17630			100.0					
92+20.37 to 92+36.56	RT	17637			6.3					
93+06.75 to 93+22.96	RT	17642			6.3					
93+22.96 to 94+00.00	RT	17647			42.8					
427+00.00 to 431+20.00	LT	17653			232.6					
427+98.61 to 431+20.00	RT	90071			178.5					
431+20.00 to 436+60.00	RT	17674			300.0					
431+20.00 to 436+60.00	LT	17691			300.0					
436+60.00 to 442+00.00	LT	17715			300.0					
436+60.00 to 442+00.00	RT	90064			300.0					
445+40.00 to 450+80.00	RT	90024			303.3					
448+65.47 to 449+06.51	LT	104142			46.7					
449+05.76 to 450+84.51	LT	89918			103.0					
450+80.00 to 456+20.00	RT	90004			300.0					
450+84.01 to 456+20.00	LT	17823			299.0					
456+20.00 to 461+60.00	RT	89999			300.8					
456+20.00 to 461+60.00	LT	89922			300.7					
461+60.00 to 463+76.08	RT	89990			180.6					
461+60.00 to 467+00.00	LT	89930			300.0					
463+63.17 to 463+74.35	RT	17901			94.6					
464+08.26 to 464+17.74	RT	17928			68.6					
464+12.74 to 464+18.46	RT	17940			11.3					
464+12.89 to 464+25.44	RT	89975			36.4					
464+21.17 to 467+00.00	RT	89965			157.5					
467+00.00 to 468+09.84	RT	89958			59.4					
467+00.00 to 472+40.00	LT	89936			300.0					
468+47.10 to 469+60.49	RT	89951			61.4					
469+84.49 to 472+40.00	RT	89946			141.9					
472+40.00 to 477+50.00	RT	89941			283.3					
472+40.00 to 477+50.00	LT	18041			283.3					
467+87.76 to 468+83.44	RT	90139								
24+90.08 to 24+94.33	LT	15011						10.8		
25+21.57 to 25+27.70	LT	15016						11.8		
SUB-TOTAL:					7147.6			22.6		

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-51
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 SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
					0522	1	0527	2		
					SY		SF			
P	F	P	F							
25+28.69 to 25+30.69	LT	15029					8.0			
27+37.96 to 27+42.22	RT	15036					8.9			
27+84.38 to 27+93.50	RT	15042					16.5			
27+99.17 to 28+01.17	LT	15063					8.0			
28+01.67 to 28+09.71	LT	15048					15.3			
28+44.21 to 28+51.69	LT	15068					10.8			
28+52.86 to 28+54.86	LT	15073					9.1			
34+57.47 to 34+67.82	LT	90268					18.6			
34+60.51 to 34+66.38	RT	15138					11.1			
34+78.63 to 34+84.64	RT	15144					12.7			
34+91.59 to 34+93.86	LT	90275					8.5			
36+00.98 to 36+03.10	LT	90267					8.3			
36+19.24 to 36+22.90	RT	90299					9.9			
36+40.33 to 36+46.20	RT	90306					10.7			
36+42.00 to 36+46.00	LT	90280					8.0			
37+06.21 to 37+10.56	LT	90287					7.4			
37+15.08 to 37+19.54	LT	90292					8.0			
46+63.34 to 46+68.76	RT	90325					10.8			
46+91.14 to 46+97.35	LT	15193					11.0			
47+10.73 to 47+23.64	RT	15214					39.0			
47+35.42 to 47+42.17	LT	15198					11.9			
74+78.95 to 74+83.25	LT	15223					8.0			
75+43.90 to 75+48.21	LT	15233					8.0			
82+31.61 to 82+37.26	RT	15244					10.8			
83+23.26 to 83+28.91	RT	15250					10.8			
92+26.37 to 92+35.43	RT	15256					15.8			
93+07.90 to 93+16.96	RT	15261					15.8			
463+64.09 to 463+69.00	RT	90319					11.4			
464+14.75 to 464+18.25	RT	90318					10.2			
SUB-TOTAL:							343.3			

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

SUMMARY OF PERMANENT DRIVEWAYS

LOCATION STA. @ C OF DRIVEWAY	SIDE	AREA ID	MATERIAL		DESIGN NOTES	CONSTRUCTION REMARKS
			CONCRETE (SY)			
			0522	2		
			P	F		
11+81.97	RT	130591	24.3		STANLEY BELL	
26+56.12	LT	14603	36.1			
26+99.75	LT	14612	35.1			
29+83.69	LT	14619	31.6			
46+35.43	RT	14627	25.4		POND RD	
46+77.20	RT	14628	25.4		POND RD	
58+09.84	RT	14629	34.0			
68+80.00	RT	14630	66.8			
70+47.59	RT	14631	48.9			
71+50.41	RT	14634	61.6			
73+80.34	RT	14637	65.1			
76+62.95	RT	14640	68.8			
78+08.22	RT	14644	75.7			
79+31.49	RT	14645	50.6			
80+21.31	LT	14646	88.2			
464+18.64	RT	14602	12.2		NATOMA	
468+18.90	RT	90139	191.2			
469+72.49	RT	14592	146.6			
SUB-TOTAL:			896.4			
TOTAL:			896			

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

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

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

SUMMARY OF GUARDRAIL

LOCATION STA. TO STA.	SIDE	GUARDRAIL ROADWAY		GUARDRAIL THRIE BEAM		GUARDRAIL SHOP - BENT PANELS		SPECIAL GUARDRAIL POST		GUARDRAIL REMOVAL		END ANCHORAGE ASSEMBLY FLARED		END ANCHORAGE ASSEMBLY TYPE II		END ANCHORAGE ASSEMBLY TYPE CRT		DESIGN NOTES	CONSTRUCTION REMARKS
		0536 1 1		0536 1 5		0536 2		0536 7		0536 73		0536 85 22		0536 85 25		0536 85 26			
		LF		LF		LF		EA		LF		EA		EA		EA			
P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
423+46.70	RT											1							
423+46.70 TO 425+27.95	RT	181.3																	
424+82.98 TO 425+12.95	RT							5.0											
425+27.95	RT												1						
424+00.68	LT												1						
424+00.68 TO 424+28.81	LT	28.1																	
424+28.81 TO 425+41.31	LT			112.5															
424+69.98 TO 425+00.25	LT							5.0											
425+41.31 TO 426+06.93	LT	65.6																	
426+06.93	LT											1							
424+67.04	LT												1						
424+67.04 TO 426+48.29	LT	181.3																	
424+82.92 TO 425+12.99	LT							5.0											
426+48.29	LT												1						
424+04.82	RT																1		
424+04.82 TO 424+05.24	RT	15.9																	
424+05.24 TO 424+29.51	RT					37.5													
424+29.51 TO 424+54.52	RT	25.0																	
424+54.52 TO 425+67.02	RT			112.5															
424+95.71 TO 425+25.79	RT							5.0											
425+67.02 TO 425+95.14	RT	28.1																	
425+95.14	RT												1						
423+46.79 TO 425+52.89	RT									206.1									
424+03.49 TO 425+42.90	RT									157.7									
424+42.55 TO 426+58.17	LT									215.6									
424+53.10 TO 426+56.03	LT									202.9									
SUB-TOTAL:		525		225		38		20		782		3		4		1			
TOTAL:		525		225		38		20		782		3		4		1			

SUMMARY OF FENCING

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

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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-55

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
					0570 1 1		0570 1 2		0162 1 11			
					SY		SY		SY			
P	F	P	F	P	F							
405+90.98 to 406+80.60	RT	116646							29.8			
407+17.44 to 409+60.00	RT	116635							80.3			
407+17.44 to 409+60.00	RT	86163							80.3			
409+60.00 to 410+11.89	RT	116629							16.7			
409+60.00 to 410+11.89	RT	86157							16.7			
417+59.73 to 420+40.00	LT	116653							89.9			
420+40.00 to 421+45.55	LT	86150							35.4			
420+40.00 to 421+45.55	LT	116622							35.4			
24+71.98 to 24+89.32	RT	119225			12.9							
24+73.27 to 24+81.94	LT	119037			1.9							
24+85.46 to 24+92.90	LT	119043			34.4							
25+05.32 to 26+13.82	RT	119230			77.8							
25+19.39 to 25+24.49	LT	119052			8.3							
25+28.20 to 25+44.66	LT	119057			4.7							
26+29.83 to 27+40.00	RT	119240			75.7							
27+40.00 to 27+42.01	RT	119253			1.8							
27+79.63 to 32+64.53	RT	119258			381.9							
27+96.96 to 27+99.17	LT	119063			0.3							
28+51.70 to 29+67.49	LT	119067			50.1							
31+09.65 to 32+80.00	LT	120573			581.8							
31+14.89 to 31+17.80	LT	119077			3.1							
31+19.24 to 31+21.89	LT	119096			0.7							
31+25.42 to 31+36.38	LT	119086			34.7							
31+57.52 to 31+64.78	LT	119101			22.2							
31+72.74 to 31+76.62	LT	119082			1.0							
31+74.57 to 31+92.59	LT	120560			2.9							
32+80.00 to 34+49.36	LT	120564			595.5							
33+01.55 to 33+49.58	LT	119013			155.6							
33+23.41 to 34+39.03	RT	118878			689.8							
33+64.74 to 33+74.52	LT	119482			7.1							
34+48.75 to 34+93.48	LT	120860			265.4							
36+34.21 to 38+14.02	RT	120865			417.9							
36+45.36 to 38+20.00	RT	120877			899.4							
37+04.16 to 38+20.00	LT	120410			605.0							
37+20.39 to 37+32.05	RT	120873			2.3							
37+32.72 to 37+87.97	RT	118907			727.2							
37+34.30 to 38+16.76	RT	130897			60.2							
37+38.98 to 42+29.23	RT	130795			3929.6							
38+13.15 to 41+97.01	RT	130846			566.1							
38+17.81 to 38+60.78	RT	130893			16.8							
38+19.45 to 43+60.00	RT	120593			3201.9							
38+19.99 to 38+66.49	LT	120417			57.8							
38+60.78 to 40+96.62	RT	130838			329.9							
38+92.62 to 43+60.00	LT	120604			1687.8							
39+26.62 to 41+65.61	RT	118938			3661.6							
41+88.46 to 42+10.24	RT	130878			39.1							
41+89.24 to 42+05.68	RT	130889			20.1							
SUB-TOTAL:					19232.3				384.5			
TOTAL:					116486		128713		384			

REVISIONS			
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-56

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
					0570 1 1		0570 1 2		0162 1 11			
					SY		SY		SY			
P	F	P	F	P	F							
41+97.80 to 42+30.32	RT	130862			101.5							
42+08.41 to 42+31.44	RT	130872			67.8							
42+30.54 to 43+60.00	RT	119276			207.3							
43+14.05 to 43+35.00	RT	119284			46.3							
43+14.05 to 44+67.08	RT	119289			149.6							
43+60.00 to 46+52.52	RT	119343			375.8							
43+83.94 to 45+08.65	RT	119024			424.7							
44+62.90 to 46+30.71	RT	119374			891.9							
44+84.69 to 45+38.26	RT	119029			116.8							
45+28.44 to 45+28.44	LT	120618			1847.1							
45+67.38 to 46+40.97	RT	119331			40.8							
46+43.98 to 46+83.50	RT	119401			110.6							
46+67.32 to 49+00.00	RT	119361			136.2							
47+25.64 to 49+00.00	RT	119298			385.6							
47+29.02 to 49+00.00	LT	120641			339.7							
47+78.78 to 52+69.64	RT	120821			6322.2							
49+00.00 to 54+40.00	RT	119416			136.1							
49+00.00 to 54+40.00	RT	119307			1082.6							
49+00.00 to 54+40.00	LT	119111			1570.3							
54+40.00 to 55+82.65	RT	119323			84.8							
54+40.00 to 59+80.00	RT	120798			551.9							
54+40.00 to 59+80.00	LT	119128			1590.0							
57+38.72 to 59+54.71	RT	120835			930.9							
57+52.45 to 59+44.20	RT	120828			1534.9							
59+80.00 to 64+43.28	LT	120651			1292.1							
59+80.00 to 65+20.00	RT	120779			588.0							
65+20.00 to 68+67.67	RT	120767			236.2							
68+92.33 to 70+39.41	RT	120759			127.1							
70+55.76 to 70+60.00	RT	120756			6.1							
70+60.00 to 71+40.18	RT	120753			80.1							
71+60.64 to 73+70.12	RT	120745			132.5							
73+90.57 to 76+00.00	RT	120736			171.3							
74+53.78 to 74+84.63	LT	120663			8.1							
74+84.69 to 74+86.34	LT	120671			0.5							
75+29.38 to 75+38.89	LT	119144			60.1							
75+43.14 to 76+00.00	LT	120675			28.8							
76+00.00 to 76+52.74	RT	120731			39.4							
76+00.00 to 80+09.31	LT	120684			769.4							
76+73.18 to 77+97.22	RT	119428			110.0							
78+19.22 to 79+24.47	RT	119436			62.6							
79+38.51 to 81+40.00	RT	119443			112.3							
79+86.51 to 80+14.81	LT	119468			30.8							
80+33.31 to 81+40.00	LT	119157			241.0							
81+28.58 to 81+40.00	LT	120840			30.1							
81+37.22 to 84+50.12	LT	120848			7630.2							
81+40.00 to 82+43.37	RT	120724			92.5							
81+40.00 to 84+17.34	LT	120843			1067.4							
81+40.00 to 86+80.00	LT	119162			1376.7							
SUB-TOTAL:					33338.7							

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

 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-57

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
					0570 1 1		0570 1 2		0162 1 11			
					SY		SY		SY			
P	F	P	F	P	F							
83+17.29 to 86+80.00	RT	120710			203.8							
86+80.00 to 92+20.00	RT	119452			511.4							
86+80.00 to 92+20.00	LT	119173			2116.6							
91+42.00 to 91+84.61	LT	119197			182.3							
91+42.00 to 94+53.57	LT	119204			1313.6							
92+03.78 to 92+20.00	LT	118972			32.0							
92+20.00 to 92+48.30	RT	120706			29.9							
92+20.00 to 94+00.00	LT	119190			282.1							
92+20.00 to 94+03.74	LT	118960			991.5							
92+34.89 to 94+10.68	LT	118951			1694.8							
92+48.56 to 92+53.65	RT	120702			2.3							
92+95.08 to 94+00.00	RT	120698			58.8							
212+72.03 to 213+52.25	RT	120547			41.0							
212+72.03 to 216+72.03	LT	120540			1178.3							
214+86.91 to 216+72.03	RT	120554			92.1							
403+84.15 to 405+61.59	RT	119707			52.6							
403+87.53 to 409+60.00	LT	120137			169.6							
405+30.53 to 409+54.81	LT	119674			125.6							
405+30.77 to 409+56.05	RT	119687			130.1							
405+61.56 to 406+80.28	RT	119662			41.7							
405+61.56 to 406+87.23	RT	119592			73.7							
407+10.73 to 409+60.00	RT	119601			93.4							
407+19.55 to 409+60.00	RT	120148			71.0							
409+60.00 to 410+11.56	RT	120131			14.8							
409+60.00 to 410+14.18	RT	119615			12.9							
409+60.00 to 415+00.00	LT	120047			160.0							
409+99.50 to 415+00.00	RT	120091			149.1							
411+18.36 to 415+00.00	RT	120077			113.2							
411+20.38 to 415+00.00	LT	120064			112.6							
411+85.00 to 413+85.00	LT/RT	120159			254.4							
415+00.00 to 415+55.28	RT	120031			16.4							
415+00.00 to 415+56.50	LT	120037			17.4							
415+00.00 to 417+01.27	RT	119990			66.5							
415+00.00 to 417+12.34	LT	119947			83.1							
417+25.64 to 420+40.00	RT	119820			100.6							
417+36.71 to 420+40.00	LT	119890			102.7							
417+39.38 to 420+40.00	LT	119486			425.4							
418+92.91 to 420+40.00	LT	119863			43.6							
418+93.38 to 420+40.00	RT	119854			43.4							
420+40.00 to 421+45.76	LT	119499			34.9							
420+40.00 to 421+45.76	LT	119813			31.5							
420+40.00 to 425+73.21	LT	119752			158.4							
420+40.00 to 425+73.34	RT	119775			158.7							
420+40.00 to 425+80.00	RT	119801			160.0							
421+45.55 to 425+80.00	LT	119733			128.8							
425+80.00 to 426+54.44	LT	119726			21.4							
425+80.00 to 427+00.00	RT	119720			35.6							
426+50.00 to 428+50.00	LT	119508			91.4							
SUB-TOTAL:					12025.0							

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. SQ-58
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				46	LAKE	238275-2-52-01			

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
					0570 1 1		0570 1 2		0162 1 11			
					SY		SY		SY			
P	F	P	F	P	F							
426+54.70 to 427+31.73	RT	119622			67.9							
427+98.61 to 431+20.00	RT	120812			914.8							
428+50.00 to 431+20.00	LT	119526			1214.6							
431+20.00 to 436+55.40	RT	119633			1876.6							
431+20.00 to 436+60.00	LT	119537			1909.9							
436+60.00 to 437+52.96	LT	119553			412.6							
436+60.05 to 438+80.04	RT	130917			337.4							
436+60.05 to 439+39.43	RT	130925			520.1							
437+89.37 to 441+77.73	RT	118914			1644.4							
437+98.87 to 441+99.99	LT	118890			1675.3							
438+80.04 to 442+00.00	RT	130904			825.8							
440+39.37 to 441+99.99	LT	118903			429.3							
444+46.85 to 449+00.00	RT	120397			4585.8							
445+40.00 to 445+77.83	RT	120420			38.7							
445+40.00 to 450+80.00	LT	120519			2993.4							
448+99.78 to 450+80.00	RT	120421			1017.7							
449+21.67 to 450+85.43	LT	120515			179.4							
450+78.08 to 455+57.92	LT	120506			1405.5							
450+80.00 to 456+20.00	RT	120429			2868.4							
450+80.00 to 456+20.00	LT	120497			2084.1							
456+20.00 to 461+60.00	LT	120220			1718.4							
456+20.00 to 461+60.00	RT	120170			3470.9							
461+60.00 to 463+66.67	RT	120444			1111.6							
461+60.00 to 467+00.00	LT	120204			3251.7							
463+55.68 to 463+64.92	RT	120187			73.5							
464+18.18 to 464+28.90	RT	120198			24.9							
464+20.41 to 464+70.23	RT	119649			62.8							
464+21.48 to 467+00.00	RT	120449			1313.1							
464+64.24 to 464+70.23	RT	119657			2.7							
464+93.58 to 467+54.24	RT	118977			8679.1							
465+22.50 to 467+00.00	RT	119005			205.1							
467+00.00 to 467+64.39	RT	118995			83.7							
467+00.00 to 468+38.05	RT	120458			495.6							
467+00.00 to 472+40.00	LT	119560			1147.9							
468+55.76 to 469+60.49	RT	120465			162.4							
469+83.89 to 472+40.00	RT	120473			596.1							
472+40.00 to 477+50.00	LT	119577			1227.8							
474+95.00 to 474+95.00	RT	120480			1261.4							
24+70.00 to 24+81.94	LT	37112						2.8				
24+70.00 to 24+91.32	RT	94225						10.2				
24+81.17 to 24+81.17	LT	36939						21.9				
24+85.63 to 24+96.91	LT	37119						26.4				
25+03.32 to 26+15.82	RT	94228						40.3				
25+15.33 to 25+24.41	LT	37132						13.6				
25+21.21 to 25+24.34	LT	37142						3.1				
25+24.33 to 26+50.11	LT	35712						139.1				
25+28.19 to 25+50.00	LT	37149						5.8				
26+27.83 to 27+40.00	RT	94251						41.6				
SUB-TOTAL:					51890.4			304.8				

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-59
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				46	LAKE	238275-2-52-01			

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
					0570 1 1		0570 1 2		0162 1 11			
					SY		SY		SY			
P	F	P	F	P	F							
26+62.11 to 26+93.78	LT	35456					26.6					
27+05.78 to 27+40.00	LT	35451					26.1					
27+40.00 to 27+46.01	RT	94245					7.6					
27+40.00 to 28+05.01	LT	35721					49.8					
27+75.65 to 32+80.00	RT	92730					154.7					
27+95.17 to 28+01.17	LT	37157					2.0					
28+04.92 to 28+14.48	LT	37164					58.8					
28+33.98 to 28+45.29	LT	37181					56.3					
28+49.70 to 29+72.88	LT	35728					28.0					
29+94.49 to 32+80.00	LT	37197					84.8					
29+97.20 to 30+17.54	LT	35459					5.3					
30+22.26 to 30+86.55	LT	35457					14.7					
30+25.04 to 30+25.04	RT	35694					501.2					
31+17.50 to 31+82.16	LT	36442					138.9					
31+17.75 to 31+21.81	LT	37529					7.2					
31+25.42 to 31+28.81	LT	36452					4.4					
31+26.50 to 31+80.18	LT	36431					64.8					
31+61.19 to 31+64.61	LT	36453					4.9					
31+68.60 to 31+72.79	LT	37536					7.2					
32+38.72 to 32+80.00	LT	39561					144.0					
32+53.01 to 32+80.00	LT	35223					98.9					
32+79.84 to 34+84.37	RT	39123					933.6					
32+80.00 to 33+07.10	LT	39580					38.5					
32+80.00 to 34+54.14	LT	92548					78.0					
32+80.00 to 34+87.04	RT	92748					85.4					
33+33.79 to 33+33.79	LT	36730					709.3					
33+78.98 to 33+78.98	RT	36774					761.7					
34+27.47 to 34+60.14	RT	36011					24.2					
34+27.50 to 34+57.64	LT	88999					14.4					
34+65.02 to 34+94.08	LT	89005					65.5					
34+65.14 to 34+78.75	RT	36015					12.1					
34+74.25 to 35+00.28	RT	36029					87.7					
36+01.15 to 36+38.05	LT	89638					29.0					
36+17.80 to 36+28.17	RT	89260					80.5					
36+21.86 to 36+41.50	RT	88921					23.0					
36+28.47 to 36+31.47	LT	89681					0.8					
36+30.28 to 37+11.03	LT	92532					445.4					
36+30.91 to 38+20.00	RT	92684					84.9					
36+46.50 to 36+94.55	RT	89341					23.4					
36+50.00 to 36+64.28	LT	37057					3.6					
36+52.23 to 36+52.23	LT	89770					482.2					
36+69.50 to 37+64.17	LT	89657					46.9					
36+91.23 to 37+20.39	RT	94520					6.3					
36+95.51 to 36+99.51	RT	89310					1.4					
37+00.01 to 38+17.06	RT	89338					38.3					
37+01.46 to 38+19.99	LT	92564					54.9					
37+25.54 to 38+20.00	LT	89637					31.5					
38+19.99 to 38+72.04	LT	89500					14.6					
SUB-TOTAL:							5663.3					

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

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
					0570 1 1		0570 1 2		0162 1 11			
					SY		SY		SY			
P	F	P	F	P	F							
38+20.00 to 38+60.00	RT	92702					11.9					
38+20.00 to 39+44.59	LT	89621					40.5					
38+22.50 to 43+60.00	RT	89474					183.6					
38+41.50 to 43+60.00	LT/RT	89465					986.2					
38+60.00 to 43+60.00	RT	92703					153.0					
38+91.45 to 43+60.00	LT	92765					132.8					
39+50.29 to 40+39.29	LT	89626					27.3					
40+40.89 to 40+40.89	RT	36672					4284.8					
40+45.35 to 41+94.03	LT	89629					46.8					
40+96.62 to 41+89.23	RT	35420					73.9					
41+95.96 to 41+98.04	LT	89579					0.3					
41+99.60 to 43+60.00	LT	89630					51.4					
43+25.08 to 43+60.00	RT	35248					154.9					
43+60.00 to 44+70.56	LT/RT	36838					189.1					
43+60.00 to 45+36.93	LT	36270					56.0					
43+60.00 to 45+86.50	RT	35252					1117.7					
43+60.00 to 46+63.34	RT	89480					103.0					
43+60.00 to 46+74.31	RT	92756					98.5					
43+60.00 to 46+99.55	LT	92790					125.2					
44+13.24 to 44+13.24	RT	36572					941.9					
45+27.74 to 45+27.74	RT	36556					781.5					
45+42.60 to 46+71.93	LT	35704					40.7					
45+50.76 to 46+25.70	RT	37413					62.9					
45+64.98 to 46+44.65	RT	37399					55.4					
46+20.43 to 46+30.41	RT	36397					6.7					
46+29.15 to 46+34.49	RT	36392					1.2					
46+30.71 to 46+38.51	RT	36387					5.3					
46+40.85 to 46+50.49	RT	37384					14.8					
46+46.60 to 46+56.78	RT	37434					5.5					
46+47.94 to 46+55.95	RT	37374					6.7					
46+55.98 to 47+42.23	RT	39292					430.3					
46+57.58 to 46+66.11	RT	36373					6.6					
46+74.61 to 46+90.86	RT	37323					13.4					
46+77.60 to 46+85.28	LT	35709					1.8					
46+79.78 to 47+29.07	LT/RT	35210					51.9					
46+83.12 to 46+95.72	LT	37206					3.7					
46+83.50 to 49+00.00	RT	39265					785.2					
46+91.91 to 53+65.70	RT	39282					2709.2					
47+09.13 to 47+46.62	LT	37211					43.0					
47+10.97 to 49+00.00	RT	37311					59.5					
47+23.64 to 49+00.00	RT	92805					57.3					
47+23.64 to 49+00.00	RT	36317					39.2					
47+25.22 to 47+55.43	LT	36454					27.8					
47+32.91 to 49+00.00	LT	35939					36.9					
47+42.17 to 48+65.17	LT	35944					19.8					
47+55.22 to 49+00.00	RT	36795					223.9					
48+72.50 to 49+00.00	LT	35693					4.6					
49+00.00 to 50+08.52	LT	35690					17.8					
SUB-TOTAL:							14291.4					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-61
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					46	LAKE	238275-2-52-01		

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
					0570 1 1		0570 1 2		0162 1 11			
					SY		SY		SY			
P	F	P	F	P	F							
49+00.00 to 50+11.64	RT	37356					32.3					
49+00.00 to 53+17.94	RT	36799					1494.5					
49+00.00 to 53+97.07	RT	39272					1295.3					
49+00.00 to 54+40.00	RT	36300					160.2					
49+00.00 to 54+40.00	RT	36310					120.9					
49+00.00 to 54+40.00	LT	35932					160.5					
49+48.52 to 52+68.57	LT/RT	36866					571.1					
50+15.35 to 53+12.04	LT	35686					94.5					
50+16.32 to 50+16.32	RT	36810					5193.9					
50+17.50 to 53+11.70	RT	37351					86.4					
53+17.50 to 54+40.00	LT	35685					40.8					
53+17.50 to 54+40.00	RT	37345					36.3					
54+25.76 to 61+19.05	RT	39348					3710.1					
54+40.00 to 55+28.96	RT	37340					25.7					
54+40.00 to 56+97.04	LT	35657					84.9					
54+40.00 to 58+03.23	RT	35666					300.3					
54+40.00 to 58+04.01	RT	94198					108.4					
54+40.00 to 59+80.00	LT	35911					160.2					
54+45.64 to 60+86.89	RT	35379					13538.1					
54+86.02 to 59+80.00	LT/RT	36873					939.7					
55+34.25 to 55+82.69	RT	37333					14.2					
56+18.13 to 57+01.05	RT	39296					340.8					
56+28.44 to 56+75.68	RT	35373					190.4					
56+78.58 to 60+22.56	RT	39328					1295.1					
57+01.05 to 59+97.97	RT	35402					1981.1					
57+02.96 to 59+80.00	LT	35653					91.6					
58+15.22 to 59+80.00	RT	35661					141.9					
58+15.83 to 59+80.00	RT	94196					48.7					
58+43.03 to 58+43.03	RT	36590					1698.9					
59+80.00 to 59+97.97	RT	35398					162.7					
59+80.00 to 60+26.31	RT	35645					25.2					
59+80.00 to 61+97.10	LT	35637					71.9					
59+80.00 to 64+70.00	LT	35904					147.3					
59+80.00 to 65+20.00	RT	94187					158.5					
59+80.00 to 65+20.00	LT/RT	36880					1050.0					
59+97.97 to 61+74.98	RT	39314					762.1					
60+20.86 to 61+66.40	RT	35916					60.9					
60+22.56 to 61+20.78	RT	35366					684.0					
62+02.88 to 65+20.00	LT	35632					107.0					
65+20.00 to 68+67.67	RT	94171					101.0					
65+20.00 to 70+60.00	LT	35623					180.0					
65+20.00 to 70+60.00	LT/RT	36887					1050.0					
65+55.00 to 67+46.98	RT	35613					61.0					
67+53.01 to 68+64.26	RT	35618					34.1					
68+92.33 to 70+39.41	RT	35874					32.0					
68+95.74 to 69+07.45	RT	35607					2.4					
69+13.02 to 70+36.02	RT	35602					38.0					
70+55.76 to 70+60.00	RT	35868					0.9					
SUB-TOTAL:							38685.8					

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-62
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					46	LAKE	238275-2-52-01	

SUMMARY OF QUANTITIES

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
					0570 1 1		0570 1 2		0162 1 11			
					SY		SY		SY			
P	F	P	F	P	F							
70+60.00 to 71+36.80	RT	35586					22.4					
70+60.00 to 71+40.19	RT	35858					17.4					
70+60.00 to 72+62.86	LT/RT	36892					369.0					
70+60.00 to 74+74.99	LT	35591					137.7					
71+60.63 to 73+70.12	RT	94157					60.8					
71+64.02 to 72+46.98	RT	35581					24.9					
72+53.02 to 72+97.45	RT	35576					13.8					
73+03.02 to 73+66.73	RT	35571					18.6					
73+90.56 to 76+00.00	RT	94153					60.8					
73+93.95 to 74+17.45	RT	35558					6.2					
74+23.01 to 76+00.00	RT	35565					57.1					
74+53.39 to 74+89.85	LT	37216					15.7					
74+73.13 to 74+75.17	LT	36414					0.1					
74+85.47 to 74+90.39	LT	36409					1.0					
74+88.77 to 75+00.13	LT	41045					47.3					
75+25.61 to 75+37.31	LT	41059					38.0					
75+36.41 to 76+00.00	LT	94059					21.0					
75+36.94 to 75+41.60	LT	35831					0.9					
75+52.01 to 76+00.00	LT	41075					16.5					
76+00.00 to 76+49.34	RT	35553					14.7					
76+00.00 to 76+52.74	RT	94150					15.3					
76+00.00 to 77+82.04	LT	35537					60.7					
76+00.00 to 80+09.31	LT	94066					122.2					
76+73.17 to 77+97.22	RT	94142					36.5					
76+76.57 to 77+77.05	RT	35520					31.0					
77+63.39 to 81+40.00	LT/RT	40021					706.7					
77+82.50 to 77+93.89	RT	35519					2.3					
77+87.49 to 78+97.04	LT	35532					35.7					
78+19.22 to 79+24.47	RT	35837					31.2					
78+22.55 to 78+97.04	RT	35515					22.6					
78+85.18 to 82+13.44	LT	39444					2521.5					
78+94.78 to 82+03.58	LT	35431					11736.8					
79+02.96 to 79+21.14	RT	35512					3.8					
79+02.96 to 80+05.97	LT	35529					32.1					
79+37.55 to 79+78.07	LT	39429					69.9					
79+38.51 to 81+40.00	RT	35800					59.8					
79+40.00 to 79+97.16	LT	35424					316.2					
79+41.84 to 81+40.00	RT	35511					64.6					
79+86.51 to 80+00.75	LT	39439					12.9					
80+33.31 to 81+40.00	LT	39588					31.7					
80+33.31 to 81+40.00	LT	39421					117.9					
80+34.81 to 80+82.58	LT	39505					78.7					
80+36.64 to 81+40.00	LT	35528					33.0					
80+67.93 to 81+40.00	LT	36536					599.6					
80+79.44 to 85+40.60	LT	39400					1344.0					
81+40.00 to 82+31.61	RT	35508					29.3					
81+40.00 to 82+47.77	RT	94131					38.5					
81+40.00 to 82+99.43	LT/RT	36916					289.2					
SUB-TOTAL:							19387.6					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

SUMMARY OF QUANTITIES		SHEET NO. SQ-63
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SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
					0570 1 1		0570 1 2		0162 1 11			
					SY		SY		SY			
P	F	P	F	P	F							
81+40.00 to 83+97.04	LT	35503					84.7					
81+40.00 to 84+69.65	LT	36495					1968.6					
81+40.00 to 84+86.98	LT	39391					239.6					
81+40.00 to 86+80.00	LT	39593					160.2					
82+93.92 to 82+93.92	LT	36509					4898.6					
83+12.62 to 86+80.00	RT	94116					115.7					
83+28.91 to 83+97.04	RT	35484					20.7					
84+02.96 to 86+80.00	LT	35499					91.6					
84+02.96 to 86+80.00	RT	35481					91.6					
86+26.88 to 86+80.00	LT/RT	36923					77.7					
86+80.00 to 86+97.50	LT	35498					5.8					
86+80.00 to 86+97.51	RT	35480					5.8					
86+80.00 to 92+20.00	LT/RT	36929					1050.0					
86+80.00 to 92+20.00	LT	39598					160.2					
86+80.00 to 92+20.00	RT	35782					160.2					
87+02.96 to 92+20.00	RT	35475					171.2					
87+02.96 to 92+20.00	LT	35494					171.2					
91+67.00 to 92+20.00	LT	35329					512.8					
91+84.61 to 94+53.48	LT	35348					2003.4					
92+20.00 to 92+26.37	RT	35471					0.7					
92+20.00 to 92+34.89	LT	35324					20.3					
92+20.00 to 92+39.84	RT	35776					5.4					
92+20.00 to 93+27.50	LT	35493					35.9					
92+20.00 to 94+00.00	LT	39604					53.4					
92+20.00 to 94+00.00	LT/RT	36934					350.0					
92+20.00 to 94+47.37	LT	36542					1183.8					
92+32.96 to 92+60.63	RT	94106					45.6					
92+80.85 to 93+10.38	RT	94087					46.6					
93+06.75 to 94+00.00	RT	35770					27.2					
93+16.96 to 93+27.51	RT	35463					1.8					
93+32.96 to 94+00.00	LT	35489					21.6					
93+32.96 to 94+00.00	RT	35467					21.6					
403+87.53 to 409+60.00	LT	38405					169.6					
403+99.00 to 406+80.28	RT	38432					89.0					
405+30.39 to 409+55.09	LT	38962					125.9					
405+30.83 to 409+56.00	RT	38948					130.1					
407+19.55 to 409+60.00	RT	38450					71.0					
409+60.00 to 410+09.86	LT	38368					24.9					
409+60.00 to 410+11.56	RT	38456					14.8					
410+54.65 to 413+83.72	LT	38226					104.3					
411+18.13 to 415+00.00	RT	38924					113.3					
411+20.06 to 415+00.00	LT	38906					112.6					
411+47.95 to 412+77.02	RT	38463					38.4					
413+36.55 to 415+00.00	RT	38486					48.2					
415+00.00 to 415+56.17	RT	38891					16.9					
415+00.00 to 415+56.50	LT	38882					17.4					
415+00.00 to 417+01.26	RT	38495					66.5					
415+81.34 to 417+12.34	LT	38240					58.2					
SUB-TOTAL:							15004.6					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

 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-64
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SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
					0570 1 1		0570 1 2		0162 1 11			
					SY		SY		SY			
P	F	P	F	P	F							
417+25.64 to 420+18.31	RT	38545					93.8					
417+36.71 to 420+40.00	LT	38304					105.8					
417+64.57 to 420+40.00	LT/RT	38684					164.5					
420+40.00 to 424+53.11	LT	38341					123.6					
420+40.00 to 425+73.99	RT	38620					158.4					
420+40.00 to 425+74.43	LT	38651					158.6					
420+48.86 to 423+70.78	RT	38594					94.8					
425+51.56 to 425+80.00	RT	38606					8.4					
425+80.00 to 427+00.00	RT	38613					35.6					
426+65.11 to 426+99.99	LT	38362					10.3					
427+00.00 to 431+20.00	LT	92707					120.9					
427+00.00 to 431+20.00	LT	92720					378.3					
427+98.61 to 431+20.00	RT	92663					95.3					
427+98.61 to 431+20.00	RT	92677					272.4					
431+19.99 to 436+60.00	RT	35965					160.2					
431+20.00 to 436+60.00	LT	36037					495.0					
431+20.00 to 436+60.00	RT	35985					495.0					
431+20.00 to 436+60.00	LT	36003					160.2					
432+25.66 to 436+60.00	LT/RT	92459					591.2					
436+60.00 to 439+18.60	LT/RT	92460					347.1					
436+60.00 to 442+00.00	LT	36024					491.4					
436+60.00 to 442+00.00	RT	89800					160.2					
436+60.00 to 442+00.00	RT	88997					495.0					
436+60.00 to 442+00.00	LT	36007					140.1					
436+84.33 to 442+00.00	RT	35259					1878.3					
437+52.96 to 439+65.50	LT	39153					413.8					
438+01.15 to 442+00.00	LT	39145					734.9					
439+08.02 to 442+00.00	LT	39139					406.5					
439+39.38 to 441+95.95	RT	35309					716.0					
439+65.50 to 442+00.02	LT	36709					485.8					
439+88.15 to 439+88.15	LT	36756					1530.0					
441+95.95 to 442+00.00	RT	94515					4.8					
444+44.22 to 444+47.56	RT	89492					6.8					
445+01.01 to 449+06.84	LT	92643					122.6					
445+40.00 to 445+54.95	RT	89799					6.5					
445+40.00 to 445+83.38	RT	92451					12.2					
445+40.00 to 446+06.68	LT	35234					289.1					
445+40.00 to 446+22.80	LT	39570					77.8					
445+40.00 to 446+94.33	RT	92529					747.3					
445+77.83 to 448+99.78	RT	92446					95.8					
445+93.76 to 448+99.77	RT	92524					1098.3					
447+78.84 to 450+80.00	LT/RT	89824					395.0					
448+31.18 to 450+80.00	RT	92520					314.2					
448+99.77 to 450+80.00	RT	92440					54.0					
449+12.38 to 450+84.76	LT	92430					50.1					
449+29.25 to 450+84.01	LT	92419					51.5					
450+80.00 to 456+20.00	LT/RT	38994					750.0					
450+80.00 to 456+20.00	RT	92157					495.0					
SUB-TOTAL:							16092.4					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-65
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					46	LAKE	238275-2-52-01		

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
					0570 1 1		0570 1 2		0162 1 11			
					SY		SY		SY			
P	F	P	F	P	F							
450+80.00 to 456+20.00	RT	92162					160.2					
450+83.71 to 456+20.00	LT	92414					304.0					
450+84.51 to 456+20.00	LT	36177					159.6					
456+20.00 to 461+60.00	RT	92281					486.2					
456+20.00 to 461+60.00	LT	92396					160.6					
456+20.00 to 461+60.00	LT/RT	38999					750.0					
456+20.00 to 461+60.00	RT	92166					160.6					
456+20.00 to 461+60.00	LT	92403					489.7					
461+60.00 to 463+55.38	RT	92307					164.7					
461+60.00 to 463+69.33	RT	92612					82.4					
461+60.00 to 464+19.97	LT/RT	39004					352.1					
461+60.00 to 467+00.00	LT	92393					495.0					
461+60.00 to 467+00.00	LT	92392					160.2					
463+60.50 to 463+67.60	RT	92615					37.7					
464+06.43 to 464+12.74	RT	36138					27.4					
464+10.74 to 464+13.29	RT	36139					2.7					
464+12.17 to 464+15.37	RT	92294					6.8					
464+13.07 to 464+20.41	RT	37544					36.7					
464+17.74 to 464+21.13	RT	37555					6.1					
464+18.81 to 467+00.00	RT	92596					98.5					
464+19.46 to 467+00.00	RT	92287					241.6					
464+30.79 to 468+39.18	RT	39523					2703.7					
464+31.95 to 464+81.18	RT	39533					1093.1					
464+59.16 to 465+02.21	RT	36630					1294.0					
464+93.37 to 465+22.50	RT	36639					548.1					
465+85.83 to 465+85.83	RT	36648					1264.4					
466+33.65 to 467+00.00	RT	39554					8.6					
466+43.35 to 466+43.35	RT	36612					3697.7					
467+00.00 to 468+04.14	RT	92351					86.8					
467+00.00 to 468+05.66	RT	36662					555.0					
467+00.00 to 468+12.88	RT	92573					32.4					
467+00.00 to 468+41.57	RT	39513					328.5					
467+00.00 to 472+40.00	LT	92365					160.2					
467+00.00 to 472+40.00	LT	92380					480.5					
468+40.05 to 469+60.49	RT	92356					100.3					
468+52.74 to 469+60.49	RT	92345					31.5					
468+95.50 to 468+95.50	LT	92471					462.5					
469+84.49 to 472+40.00	RT	92346					75.8					
469+84.49 to 472+40.00	RT	92360					229.3					
472+40.00 to 477+50.00	LT	36071					151.3					
472+40.00 to 477+50.00	RT	92388					464.0					
472+40.00 to 477+50.00	RT	92382					151.3					
472+40.00 to 477+50.00	LT	36097					463.9					
473+70.99 to 477+50.00	LT/RT	39022					517.4					
SUB-TOTAL:							19283.1					

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. SUMMARY OF QUANTITIES SQ-66
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				46	LAKE	238275-2-52-01		

QUANTITY	STR. NO.	STATION	BASELINE	SIDE	DESCRIPTION	BARRELS	STORM DRAIN						CURB INLETS										MANHOLES				DITCH BOTTOM INLETS				CLOSED FLOVE INLETS	BARRIER WALL INLETS	MITERED END SECTIONS (CD)					CLASS 1 CONC	TRENCH DRAIN TYPE II	RIP RAP DITCH LINING	REMARKS
							18"	24"	30"	36"	42"	48"	P-1	P-1	1	J-1	J-1	P-2	J-2	P-5	P-6	7	P-7	P-8	P-8	J-8	C	D	D MOD	F			18"	24"	30"	36"	42"				
							<10	>10	PART.	<10	>10	<10	>10	<10	>10	<10	>10	<10	>10	<10	>10	<10	>10	<10	>10	<10	>10	<10	>10	<10			>10	<10	>10	<10	>10				
P	S-211	467+40.00	SR 500	LT	INLET, PIPE	1	54																																		
F																																									
P	S-211A	467+40.00	SR 500	RT	INLET, PIPE	1	56																																		
F																																									
P	S-212	467+97.00	SR 500	LT	INLET, PIPE	1	135																																		
F																																									
P	S-213	467+97.00	SR 500	RT	MANHOLE, PIPE, MES	1				79																										57.6					
F																																									
P	S-214	469+35.00	SR 500	RT	INLET, PIPE	1				134																															
F																																									
P	S-215	469+75.00	SR 500	LT	INLET, PIPE	1				129																															
F																																									
P	S-216	470+12.30	SR 500	LT/RT	EW, PIPE, EW	1																														16.30					
F																																				CAP, 2-COLLARS					
P	S-217	470+30.00	SR 500	LT	INLET, PIPE	1	123																																		
F																																									
P	S-218	470+30.00	SR 500	RT	INLET, PIPE	1																																			
F																																									
P	S-219	473+90.00	SR 500	LT	INLET, PIPE	1	135																																		
F																																									
P	S-220	473+90.00	SR 500	RT	INLET, PIPE	1																																			
F																																									
P	S-221	473+90.00	SR 500	RT	EW, MANHOLE, PIPE, MES	1																																			
F																																									
P	S-222	477+60.00	SR 500	RT	MANHOLE, PIPE	1																																			
F																																									
P	S-231	31+63.40	NATOMA	RT	INLET																																				
F																																									
P	S-232	33+57.50	NATOMA	LT	PIPE, MES	1	54																													13.1					
F																																									
P	S-233	34+39.00	NATOMA	LT	PIPE, MES	1				56																															
F																																									
P	S-234A	467+17.50	SR 500	RT	MH, PIPE, MES	1	157																																		
F																																									
P	S-234	467+60.00	SR 500	RT	DBI, PIPE	1	78																																		
F																																									
P	S-235	465+16.00	SR 500	RT	DBI, PIPE, MES	1	294																																		
F																																									

SHEET TOTALS - PLAN QUANTITY: 1086 833 366 716 0 40 5 0 1 1 1 1 1 0 0 0 2 1 0 1 0 0 2 0 0 0 3 1 0 2 0 18.54 0 88.1
 FINAL QUANTITY: (same as plan quantity)

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF DRAINAGE STRUCTURES	SHEET NO. 33
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				46	LAKE	238275-2-52-01			

OPTIONAL MATERIALS SYSTEMS

GENERAL NOTES

1. The Contractor may use any of the optional pipe materials tabulated for a given structure. Only the material options tabulated for a given structure can be used.
2. Adjustment to the bid quantities, prices and payment will not be allowed due to increase or decrease in structure size, shape, length, width, depth or accessory construction necessary to accommodate the use of an optional pipe material other than the "plotted" option; likewise there will be no added or reduced compensation for structure alterations required to relieve utility conflicts which arise from the use of an optional material other than the "plotted" option.
3. Adjustment to the bid quantities, prices and payment will not be allowed due to increased or decreased excavation, bedding, borrow, backfilling, compaction, special installation requirements or disposal of excess materials due to use of any of the pipe optional materials. Likewise, adjustment in the quantities, prices and payment will not be allowed due to differences in end treatment size or types, pipe length, alternate jointing and connecting materials, saddles, cradles, filter fabrics, shoring or similar features due to the use of an optional material other than the "plotted" option.
4. If adjustments are required due to plan errors or omissions or authorized field changes, the "plotted" material and not the material elected by the Contractor would be used to establish new pay quantities.
5. The Contractor shall notify the Department in writing as to which optional pipe material he chooses to use at the pre-construction conference. Once identified the contractor may not change pipe material selected without the approval of the Engineer.
6. Pipe shapes other than round (Elliptical/Arch) are summarized and paid for using equivalent round pipe diameter.

OPTIONAL MATERIALS SYSTEMS

STRUCTURE	SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-101, 101A, 102, 102A, 102B,	18"	RCP, CLASS II	X		
S-102C, 105, 106, 108, 111, 113,		NRCP, CLASS II			
S-316,		16 GA. SRAP			
S-410		14 GA. SRASP			
S-107, 107A, 109, 110, 112, 116, 117,	18"	RCP, CLASS II	X		
S-119, 123, 124, 125,		NRCP, CLASS II			
S-336, 341, 342, 343, 347,		16 GA. SRAP			
S-400 - S-406, 409		14 GA. SRASP			
		HDPE, CLASE II			
		PP			
		PVC			
S-114, 116A, 118, 120, 120B, 120C,	18"	RCP, CLASS II	X		
S-120D, 120E, 120F, 121, 203A		NRCP, CLASS II			
S-201, 201A, 203, 212, 217, 219		16 GA. SRAP			
S-302, 304, 307, 308-314, 319		14 GA. SRASP			
S-320, 323, 326		HDPE, CLASE II			
S-501 - S-505, 510		PP			
S-603, 606, 615, 616, 617		PVC			

STRUCTURE	SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-202,	18"	RCP, CLASS II	X		
S-620, 624, 626,		NRCP, CLASS II			
S-702		14 GA. SRAP			
		14 GA. SRASP			
		HDPE, CLASE II			
		PP			
		PVC			
S-232	18"	RCP, CLASS II	X		
S-301,	18"	RCP, CLASS II	X		
S-601,		NRCP, CLASS II			
S-704		16 GA. SRAP			
		16 GA. SRASP			
S-115, 120A,	24"	RCP, CLASS II	X		
S-324, 329, 330, 332, 333,		NRCP, CLASS II			
S-344, 348-351, 357-359		16 GA. SRAP			
S-407, 408, 412-415		14 GA. SRASP			
		HDPE, CLASS II			
		PP			
		PVC			
S-204, 205, 207, 207A, 207B,	24"	RCP, CLASS II	X		
S-208, 208A, 209, 211,		NRCP, CLASS II			
S-627		14 GA. SRAP			
		14 GA. SRASP			
		HDPE, CLASS II			
		PP			
		PVC			
S-210,	24"	RCP, CLASS II	X		
S-317,		NRCP, CLASS II			
S-506		16 GA. SRAP			
		16 GA. SRASP			
S-215,	24"	RCP, CLASS II	X		
S-314,		NRCP, CLASS II			
S-509,		16 GA. SRAP			
S-604, 605, 612		16 GA. SRASP			
		HDPE, CLASS II			
		PP			
		PVC			
S-360,	24"	RCP, CLASS II	X		
S-411,		NRCP, CLASS II			
S-622		16 GA. SRAP			
		14 GA. SRASP			
S-511	24"	RCP, CLASS II	X		

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			OPTIONAL MATERIALS TABULATION	SHEET NO. 39
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		

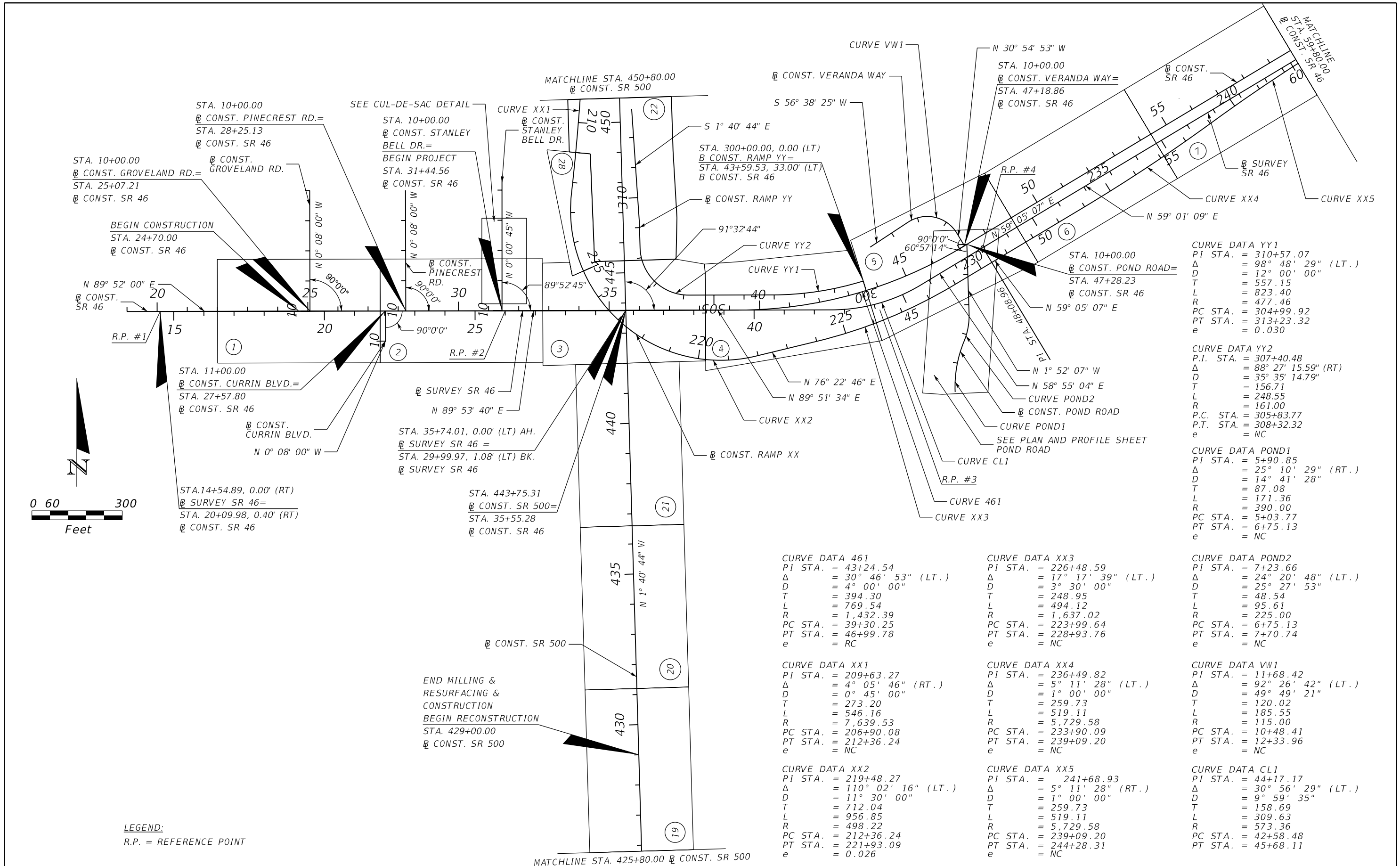
OPTIONAL MATERIALS SYSTEMS

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

OPTIONAL MATERIALS SYSTEMS

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

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			OPTIONAL MATERIALS TABULATION	SHEET NO. 40
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		



CURVE DATA YY1

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

CURVE DATA YY2

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

CURVE DATA POND1

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

CURVE DATA 461

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

CURVE DATA XX3

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

CURVE DATA POND2

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

CURVE DATA XX1

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

CURVE DATA XX4

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

CURVE DATA VW1

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

CURVE DATA XX2

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

CURVE DATA XX5

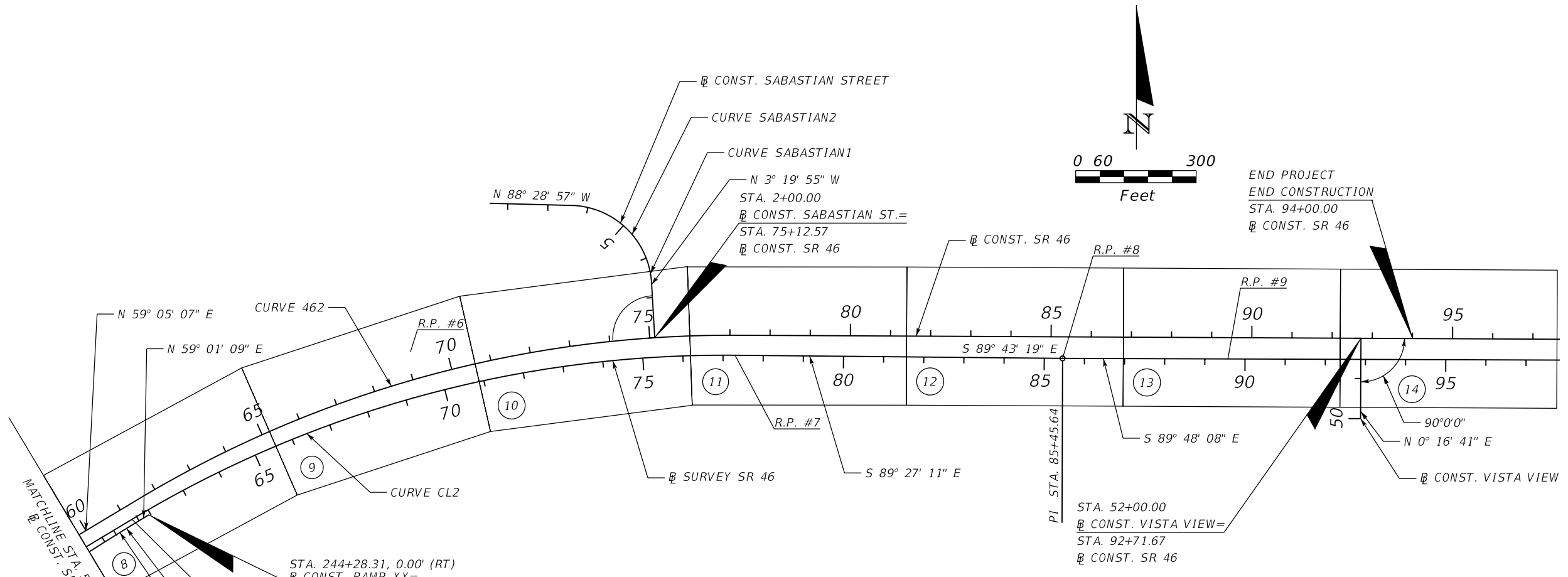
PI STA.	= 241+68.93
Δ	= 5° 11' 28" (RT.)
D	= 1° 00' 00"
T	= 259.73
L	= 519.11
R	= 5,729.58
PC STA.	= 239+09.20
PT STA.	= 244+28.31
e	= NC

CURVE DATA CL1

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

LEGEND:
R.P. = REFERENCE POINT

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT NO. 41
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	



CURVE DATA 462
 PI STA. = 69+54.20
 Δ = 31° 11' 34" (RT.)
 D = 2° 00' 00"
 T = 799.67
 L = 1,559.64
 R = 2,864.79
 PC STA. = 61+54.53
 PT STA. = 77+14.17
 e = NC

CURVE DATA SABASTIAN2
 PI STA. = 5+40.90
 Δ = 56° 12' 57" (LT.)
 D = 27° 51' 39"
 T = 109.84
 L = 201.77
 R = 205.65
 PC STA. = 4+31.06
 PT STA. = 6+32.84
 e = NC

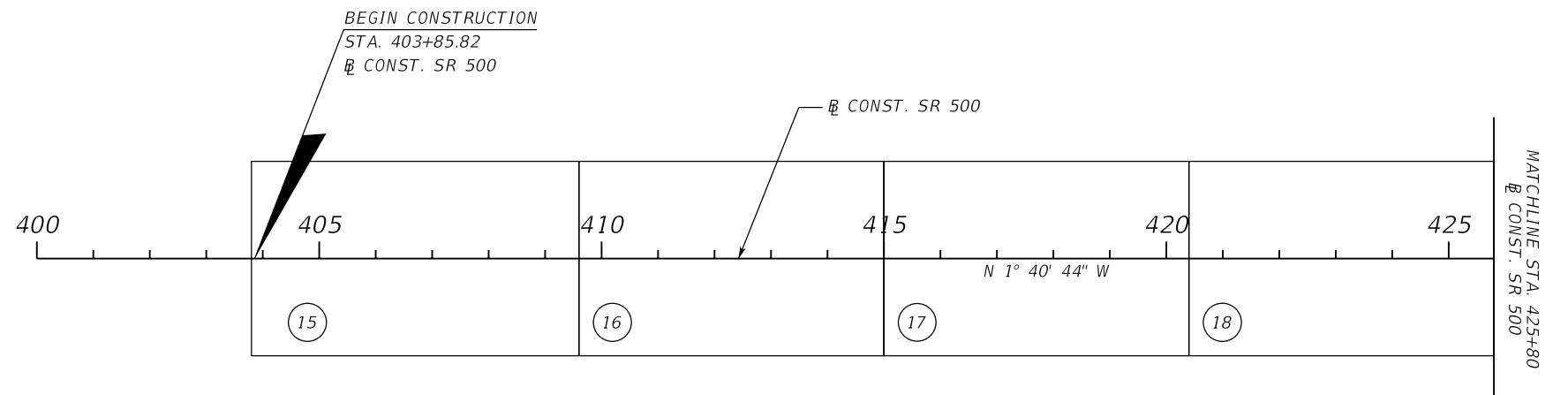
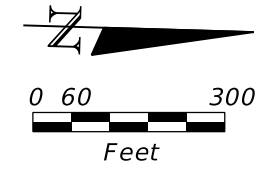
CURVE DATA XX5
 PI STA. = 241+68.93
 Δ = 5° 11' 28" (RT.)
 D = 1° 00' 00"
 T = 259.73
 L = 519.11
 R = 5,729.58
 PC STA. = 239+09.20
 PT STA. = 244+28.31
 e = NC

CURVE DATA SABASTIAN1
 PI STA. = 3+82.80
 Δ = 27° 31' 17" (LT.)
 D = 27° 56' 57"
 T = 50.20
 L = 98.47
 R = 205.00
 PC STA. = 3+32.59
 PT STA. = 4+31.06
 e = NC

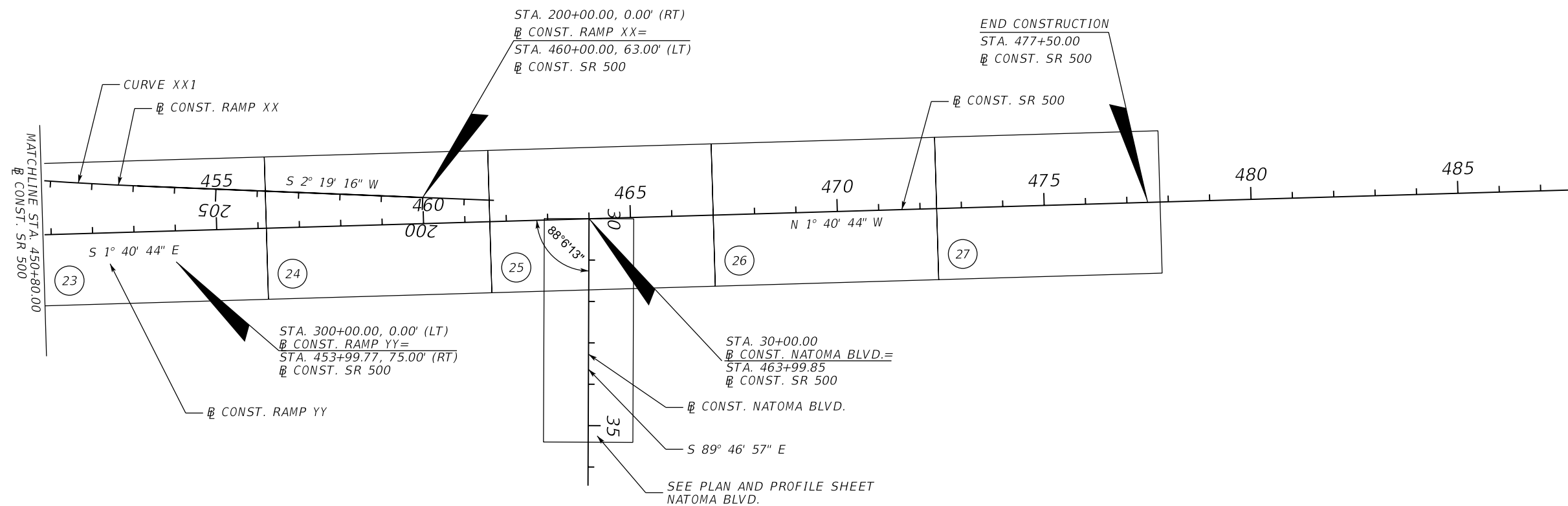
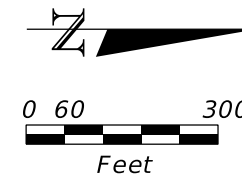
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 PI STA. = 69+62.18
 Δ = 31° 31' 40" (RT.)
 D = 1° 59' 59"
 T = 808.78
 L = 1,576.53
 R = 2,865.06
 PC STA. = 61+53.41
 PT STA. = 77+29.94

LEGEND:
 R.P. = REFERENCE POINT

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	SHEET NO. 42
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		

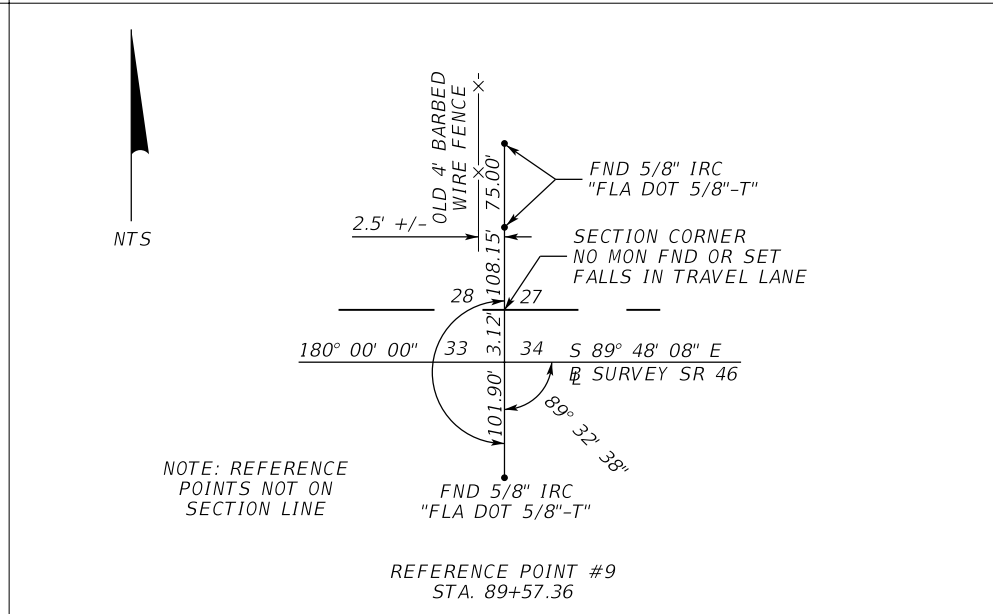
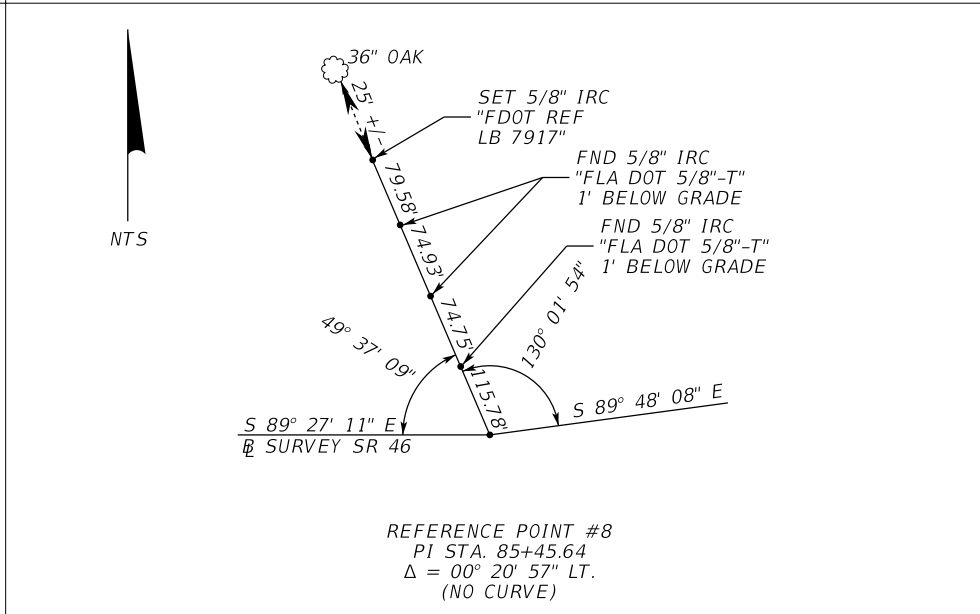
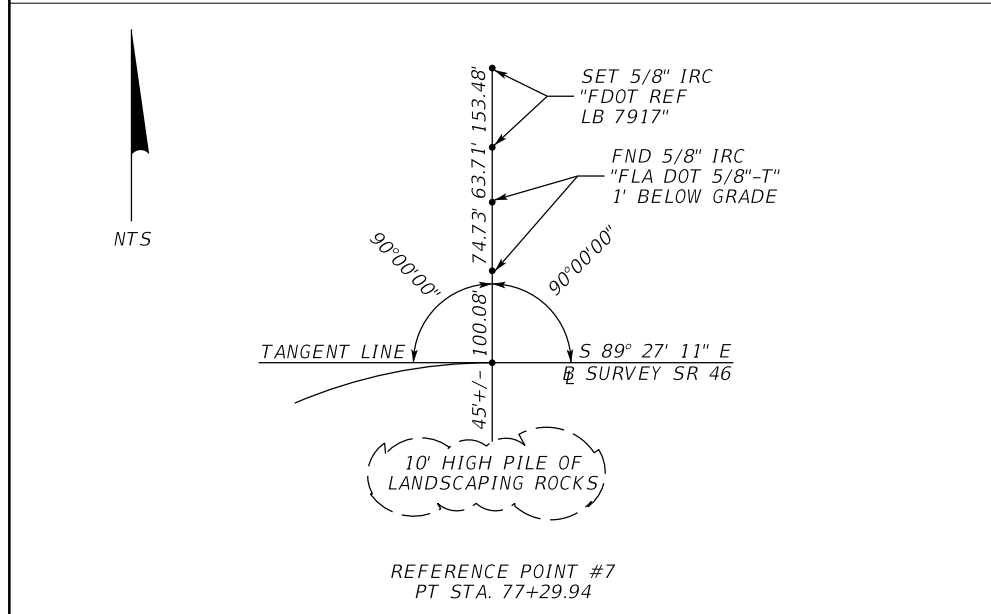
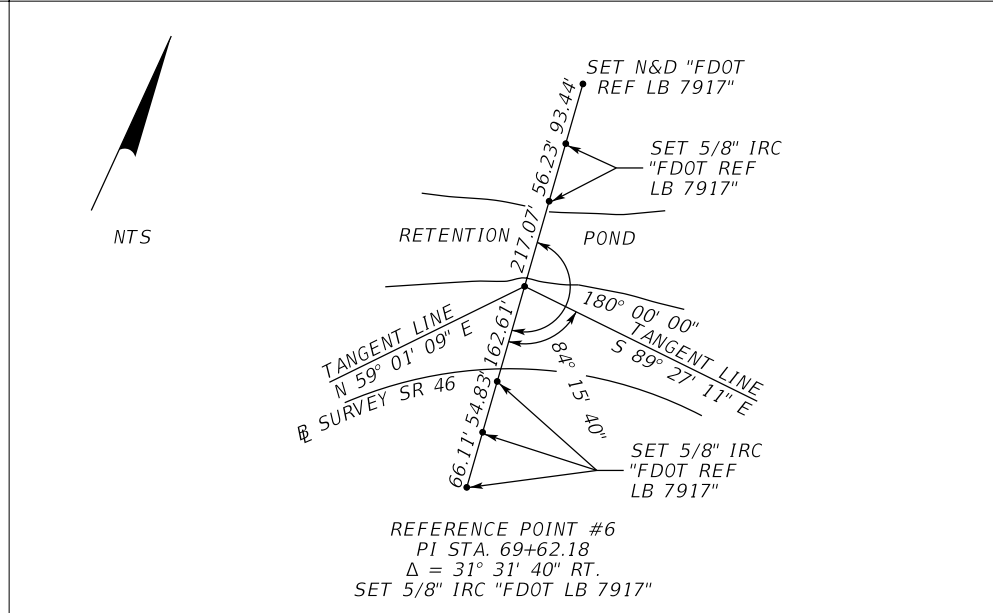
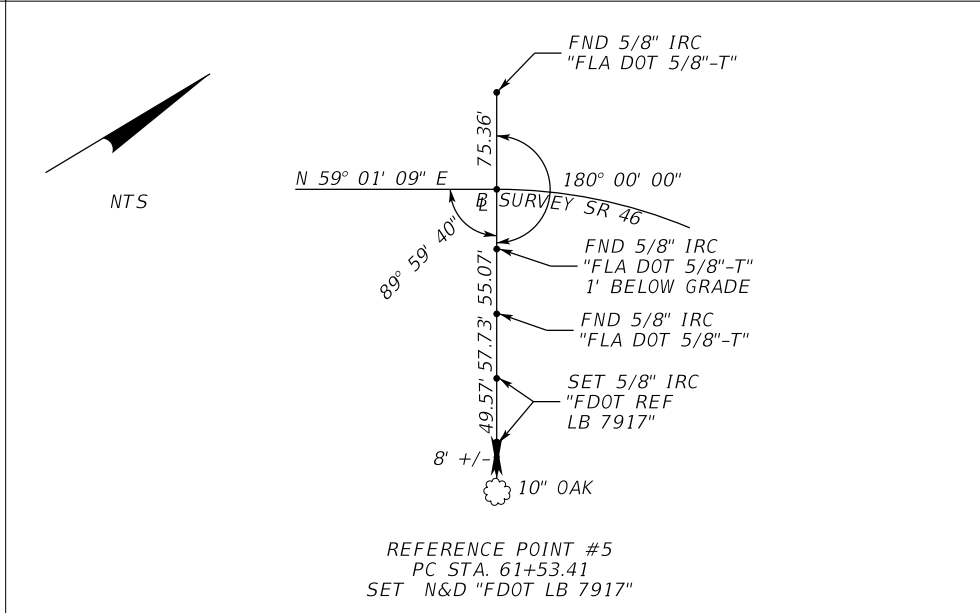
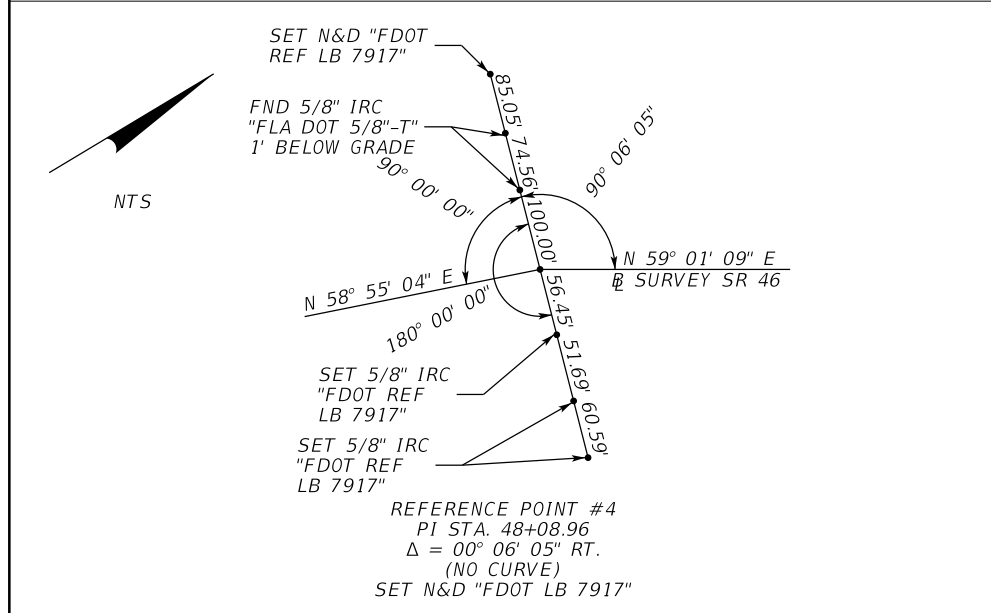
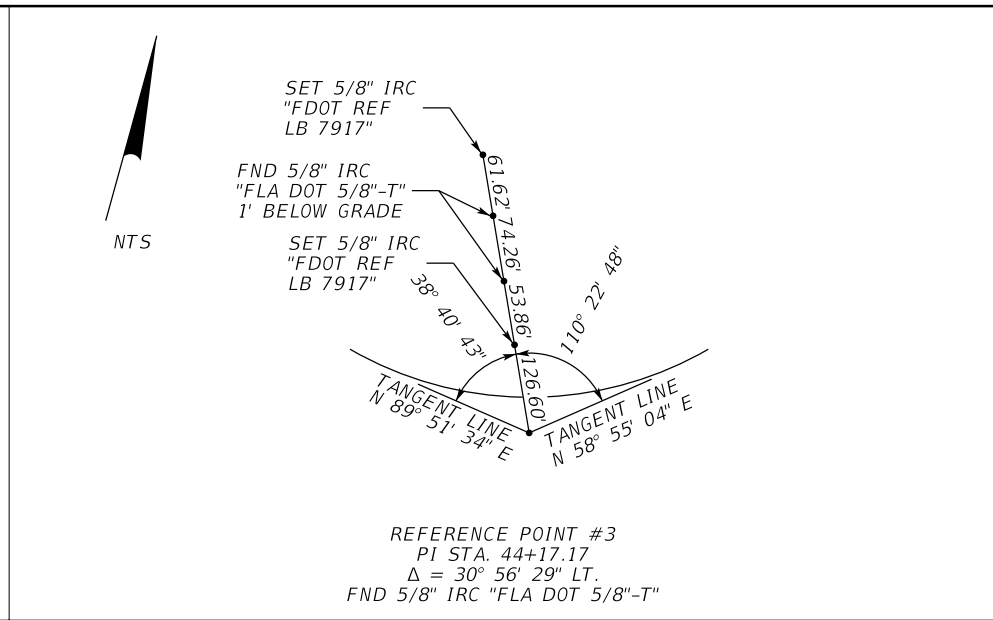
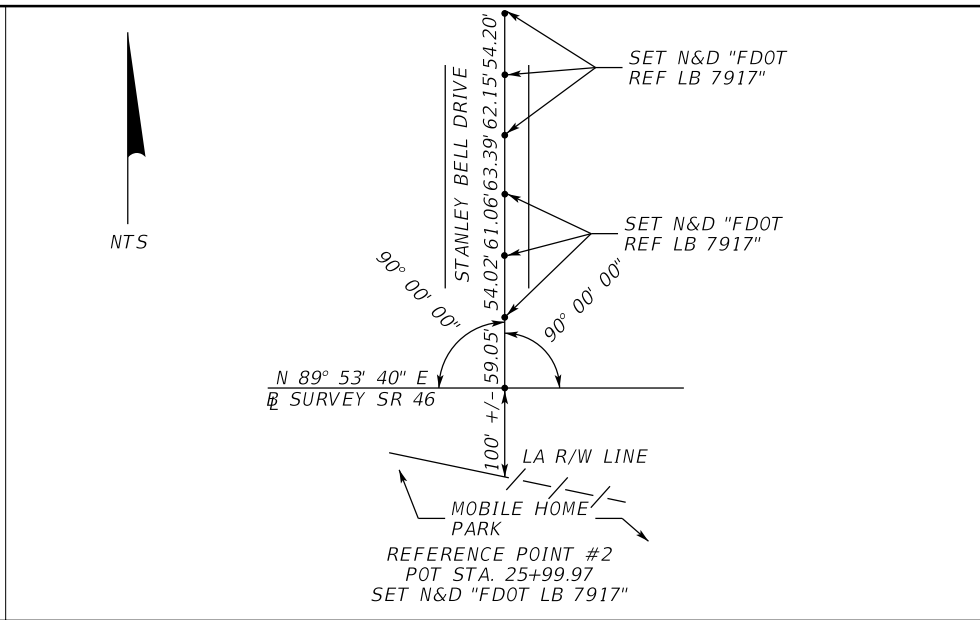
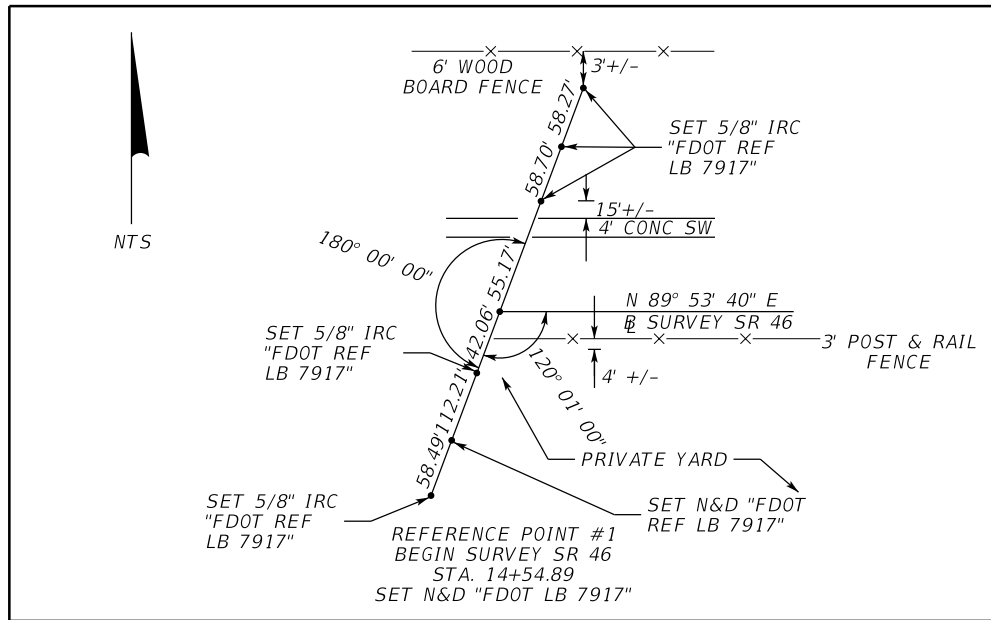


REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD., STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	SHEET NO. 43
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01		



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

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD., STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT SHEET NO. 44
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				46	LAKE	238275-2-52-01		



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

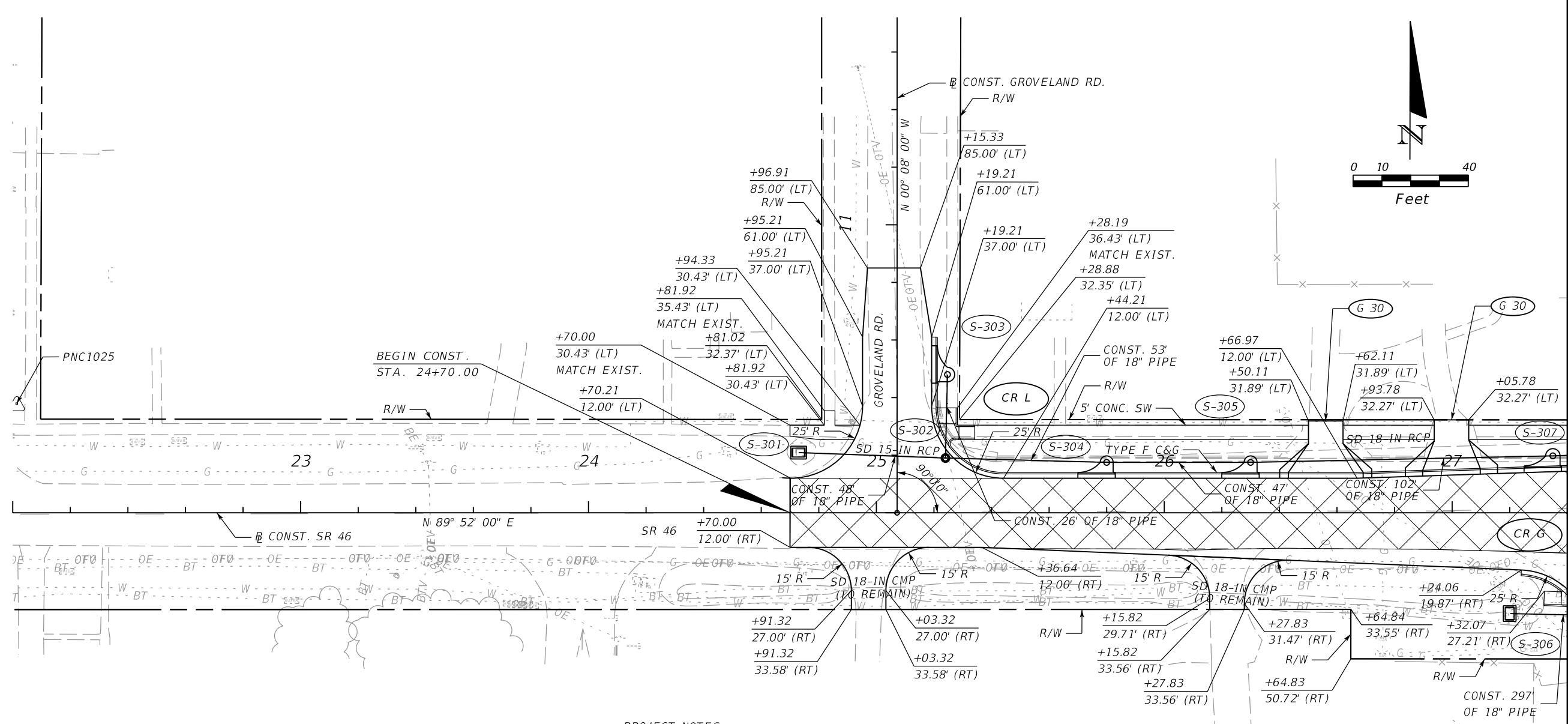
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

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

REFERENCE TIES

SHEET NO.
 45



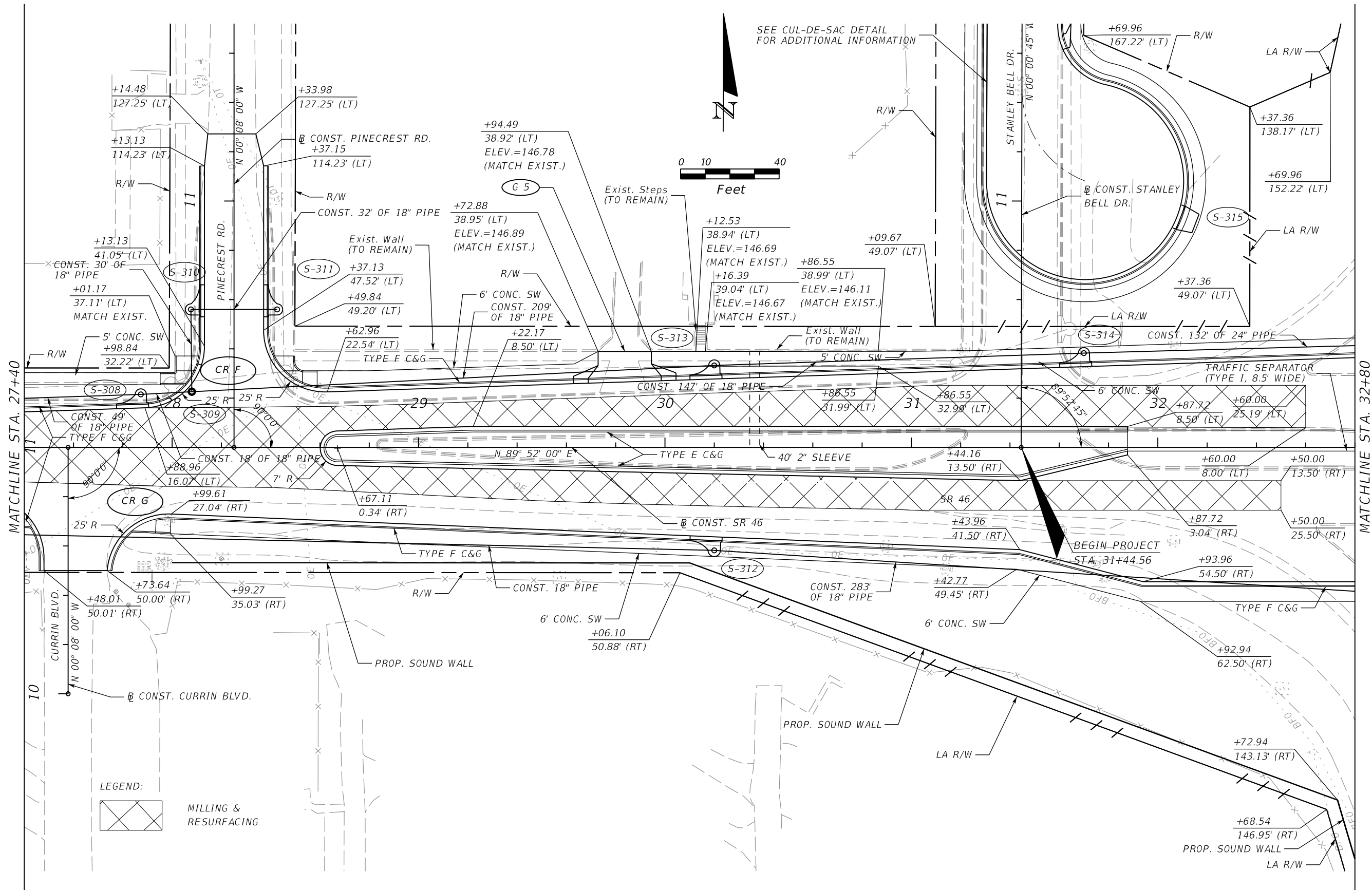
PROJECT NOTES:

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
2. BUILDINGS TO BE REMOVED BY OTHERS, UNLESS OTHERWISE NOTED.
3. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS OTHERWISE NOTED.
4. IF ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, IMMEDIATELY NOTIFY THE ENGINEER IN CONJUNCTION WITH THE DISTRICT LOCATION SURVEYOR.
5. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.
6. PROJECTED PGL SR 500 RT AND PROJECTED PGL SR 500 LT ARE BASED ON EXISTING EDGE OF PAVEMENT GRADED UPWARD AT 2%.
7. THE CONTRACTOR SHOULD EXPECT PORTIONS OF THE BASE TO BE EXPOSED DURING 3.75" MILLING OF SR 500 (US 441) AND SOME SIDESTREETS.
8. PAVEMENT CORING DATA, INCLUDING BASE MATERIAL TYPE AND THICKNESS IS AVAILABLE ON THE DEPARTMENTS WEBSITE. THE URL FOR OBTAINING THIS INFORMATION IS LOCATED AT:
<FTP://FTP.DOT.STATE.FL.US/LTS/D5/CONSTRUCTION/PAVEMENTCORINGDATA/>
 THE DATA REPRESENTS MATERIALS ENCOUNTERED AT EACH CORING LOCATION. MATERIAL VARIATIONS BETWEEN CORES SHOULD BE ANTICIPATED AS INDICATED IN SECTION 2-4 OF THE STANDARD SPECIFICATIONS.

LEGEND:



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 1 SR 46	SHEET NO. 46
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		



SEE CUL-DE-SAC DETAIL FOR ADDITIONAL INFORMATION

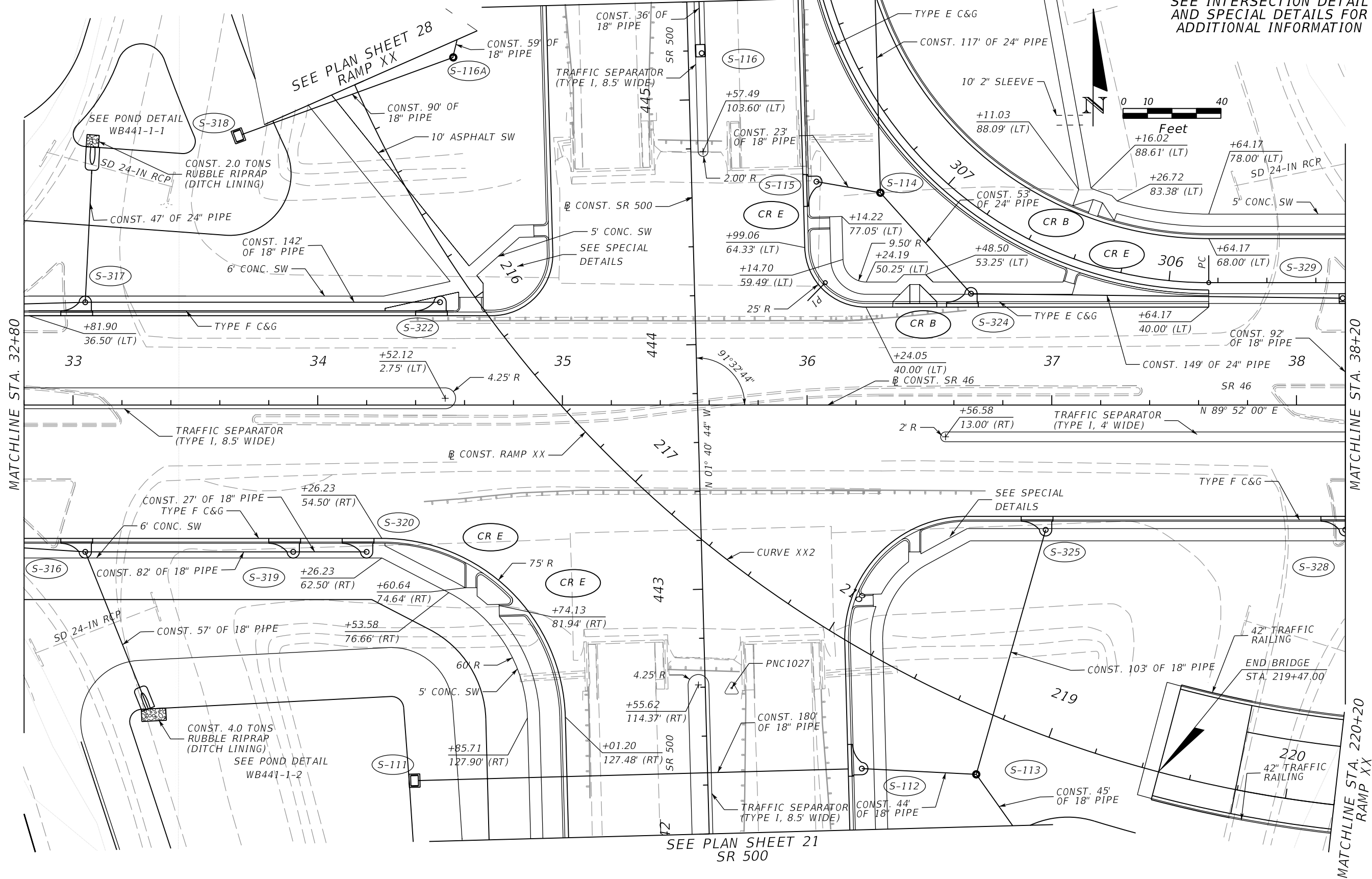


LEGEND:
 MILLING & RESURFACING

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD., STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 2 SR 46	SHEET NO. 47
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		

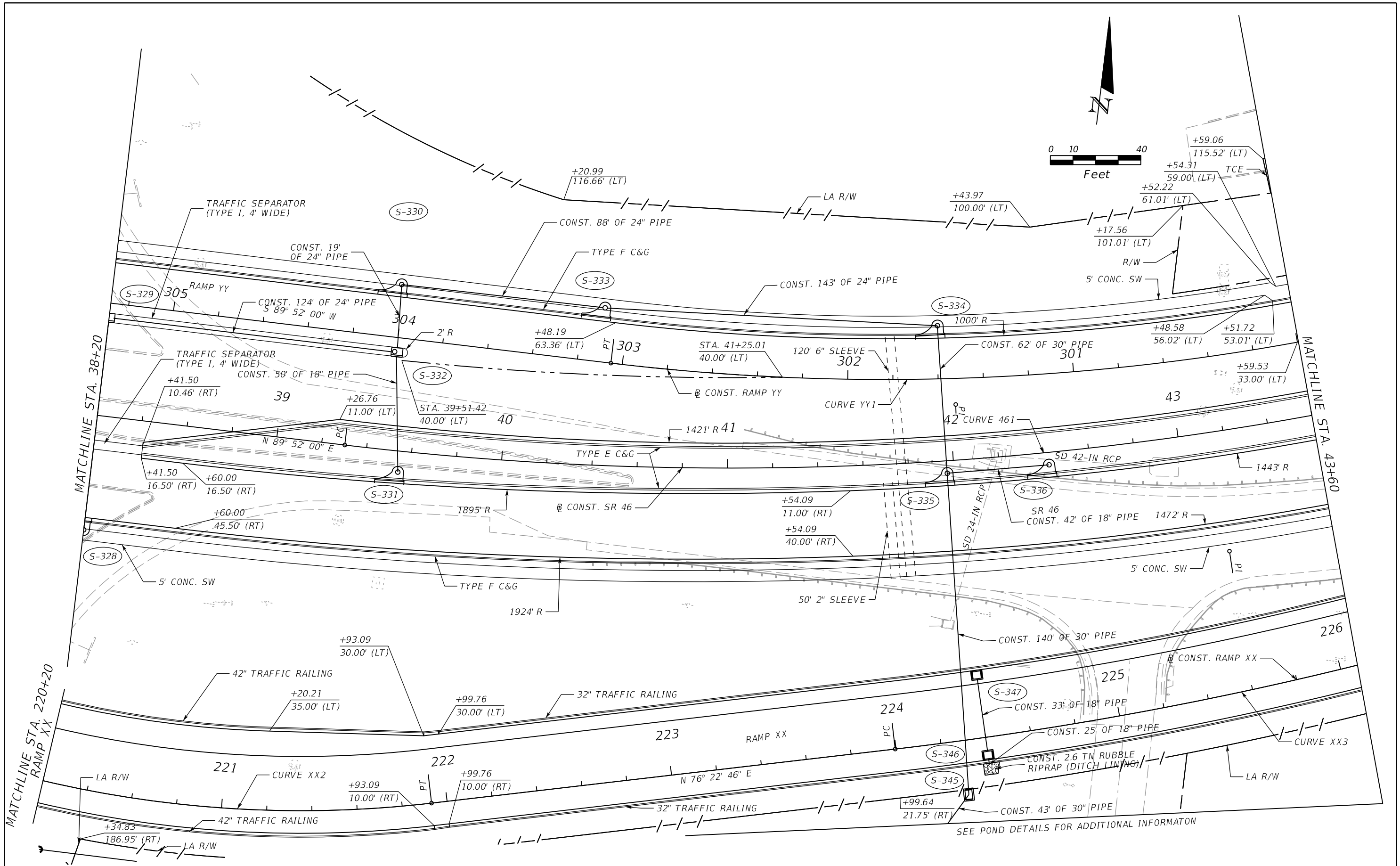
SEE PLAN SHEET 22
SR 500

SEE INTERSECTION DETAIL
AND SPECIAL DETAILS FOR
ADDITIONAL INFORMATION



SEE PLAN SHEET 21
SR 500

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 3 SR 46	SHEET NO. 48
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		



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

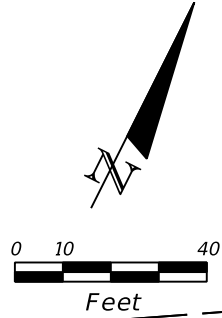
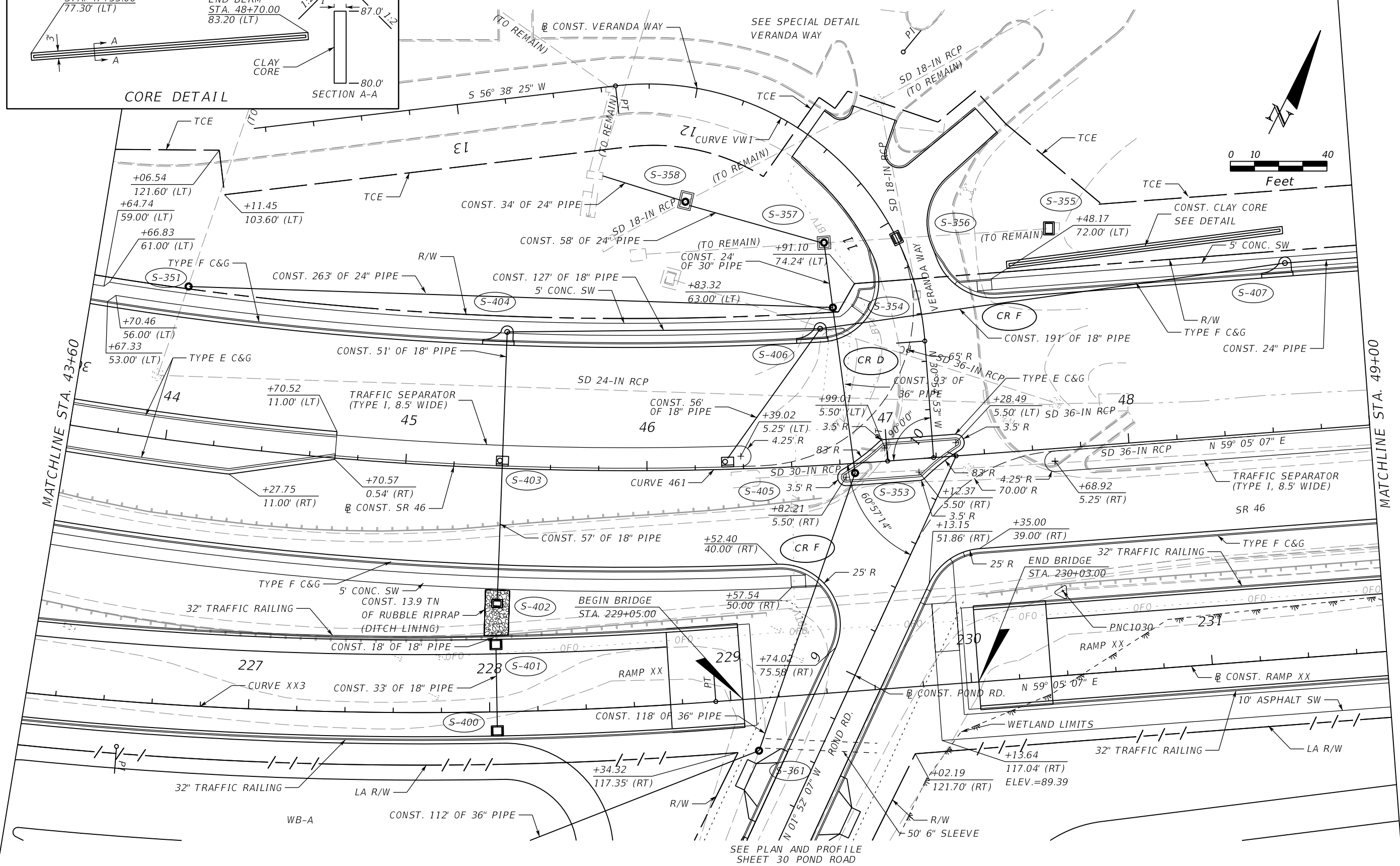
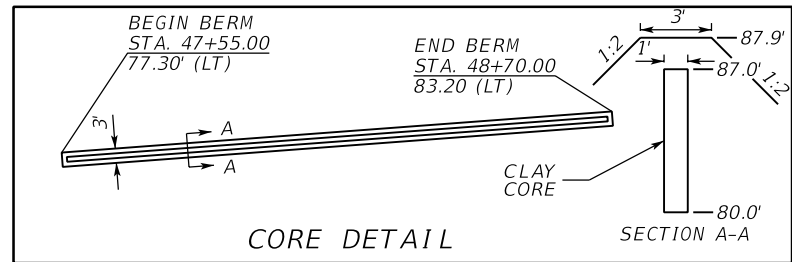
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

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

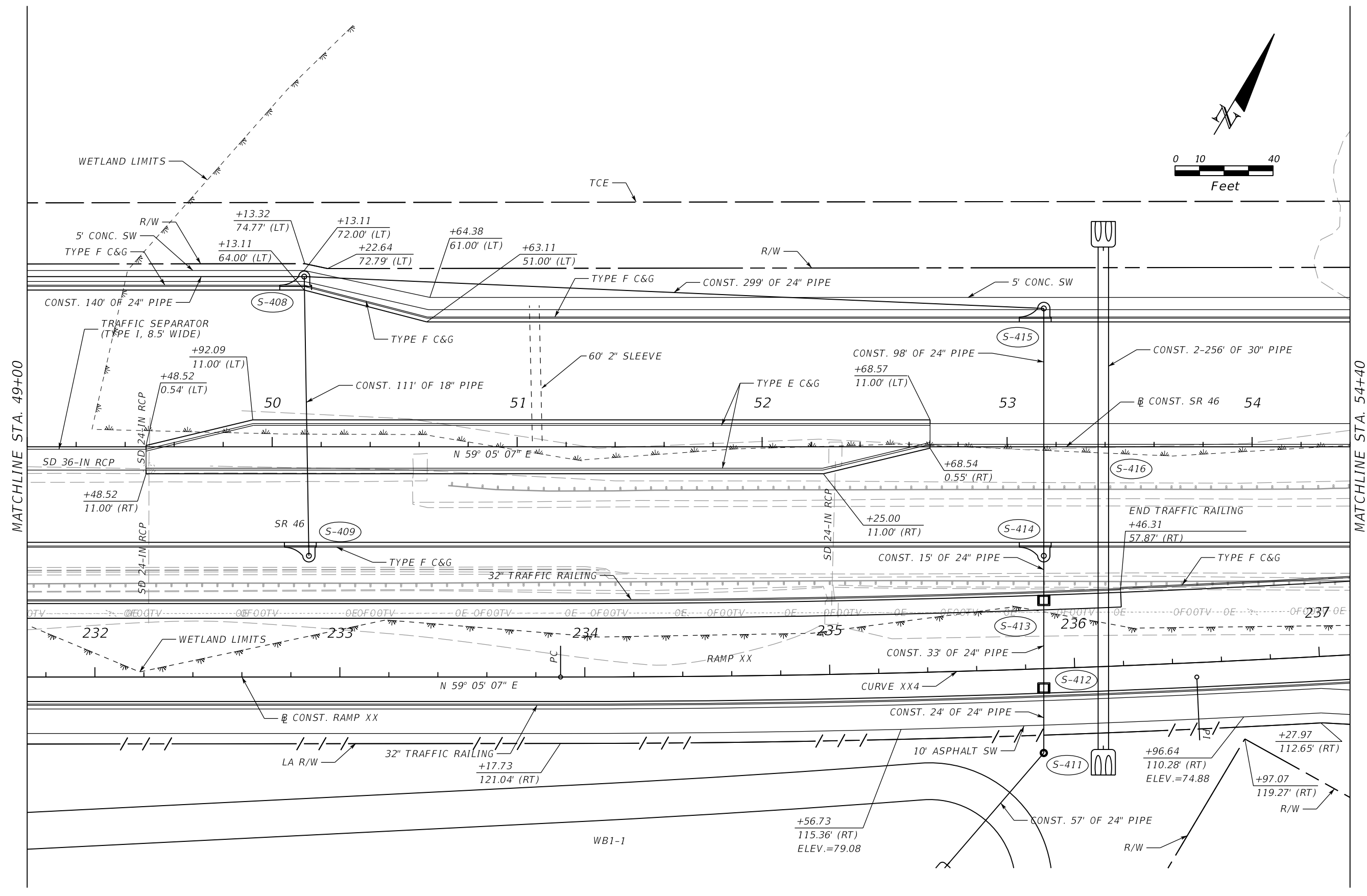
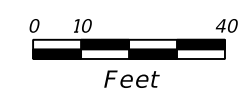
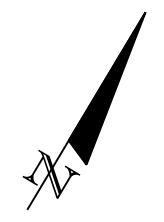
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
46	LAKE	238275-2-52-01

PLAN SHEET 4
SR 46

SHEET
 NO.
49



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 5 SR 46	SHEET NO. 50
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		

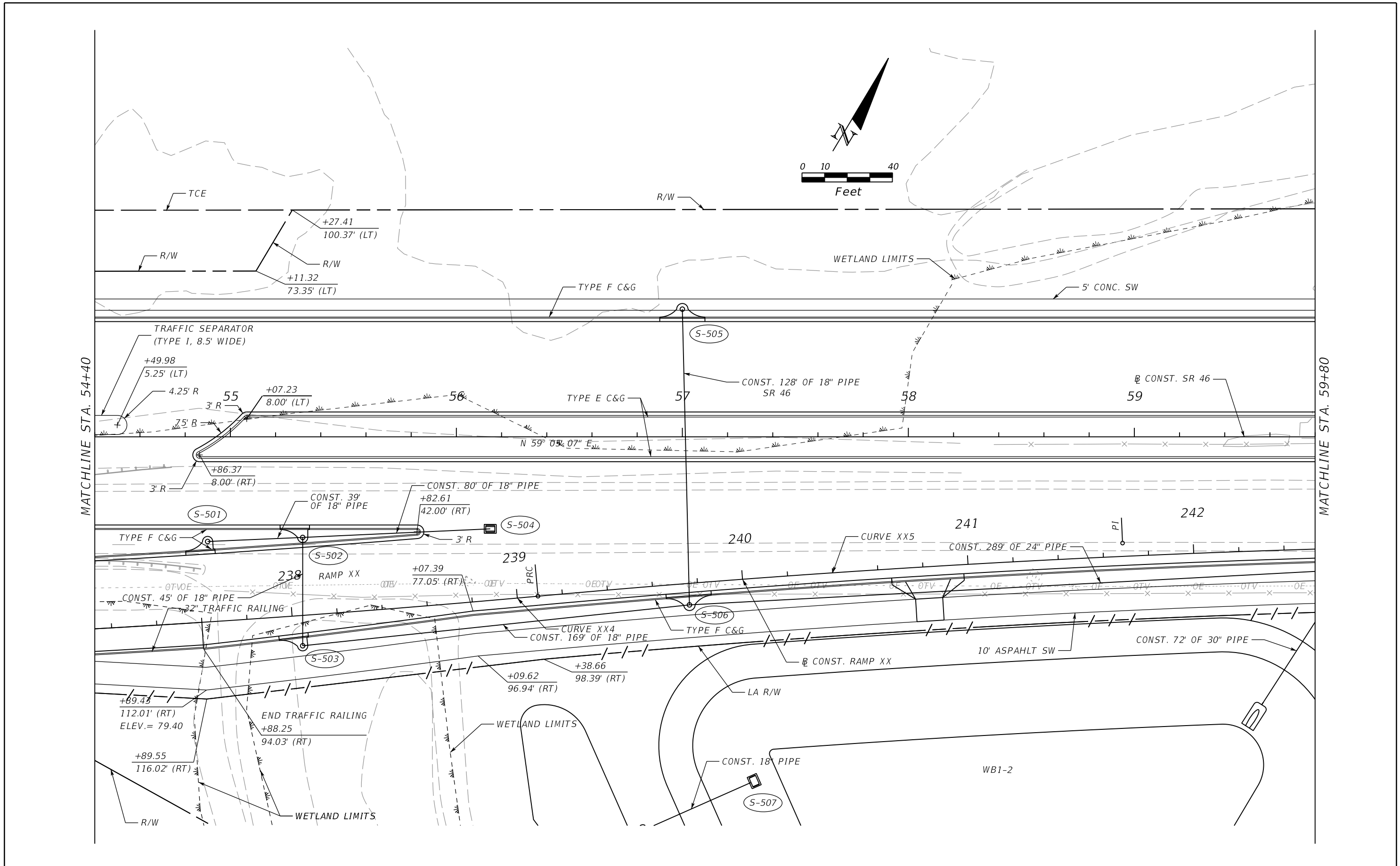


REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

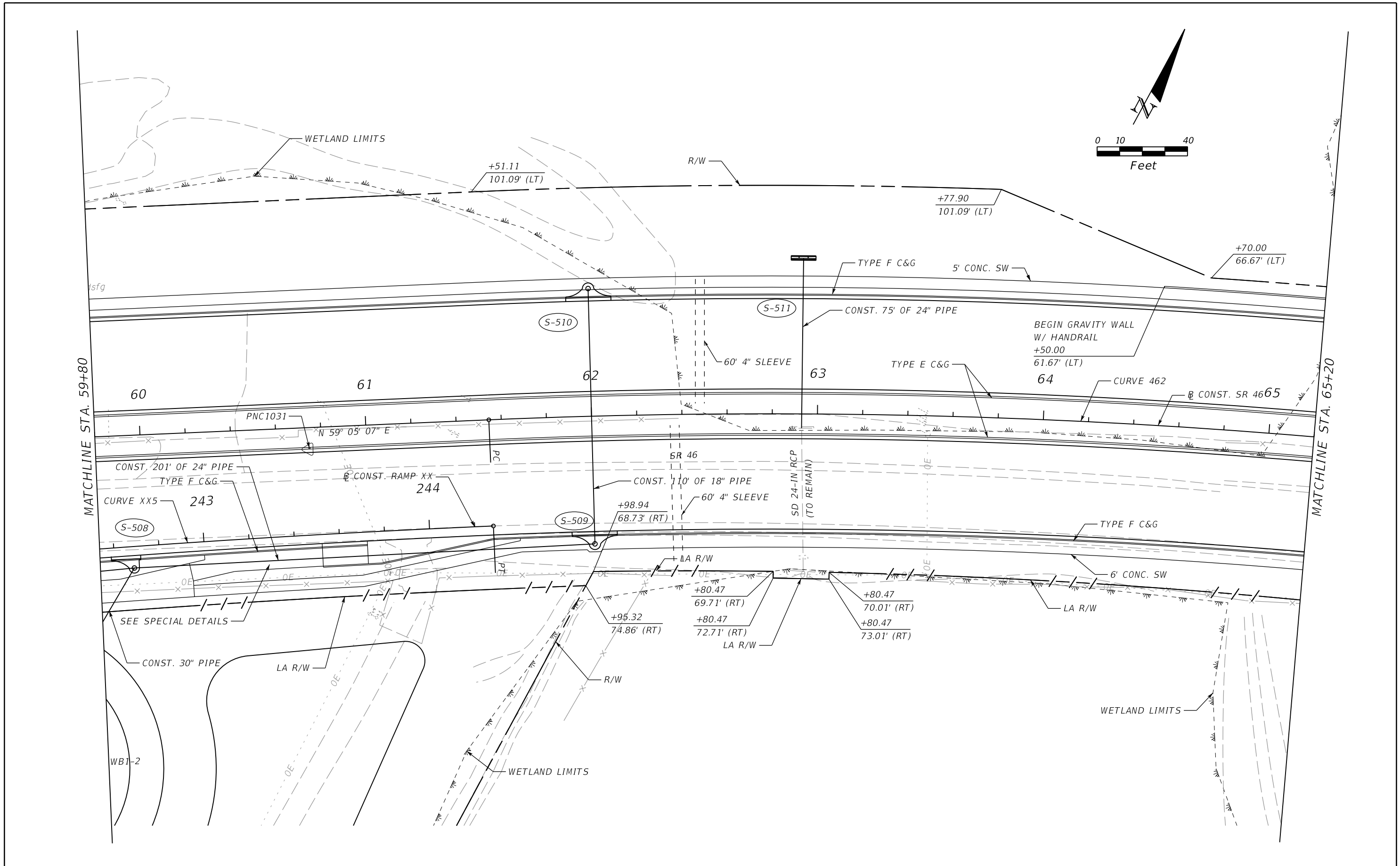
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877
 ENGINEER OF RECORD:
 JEFFREY A. MESSENGER, P.E.
 FL REGISTRATION NO. 57539

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

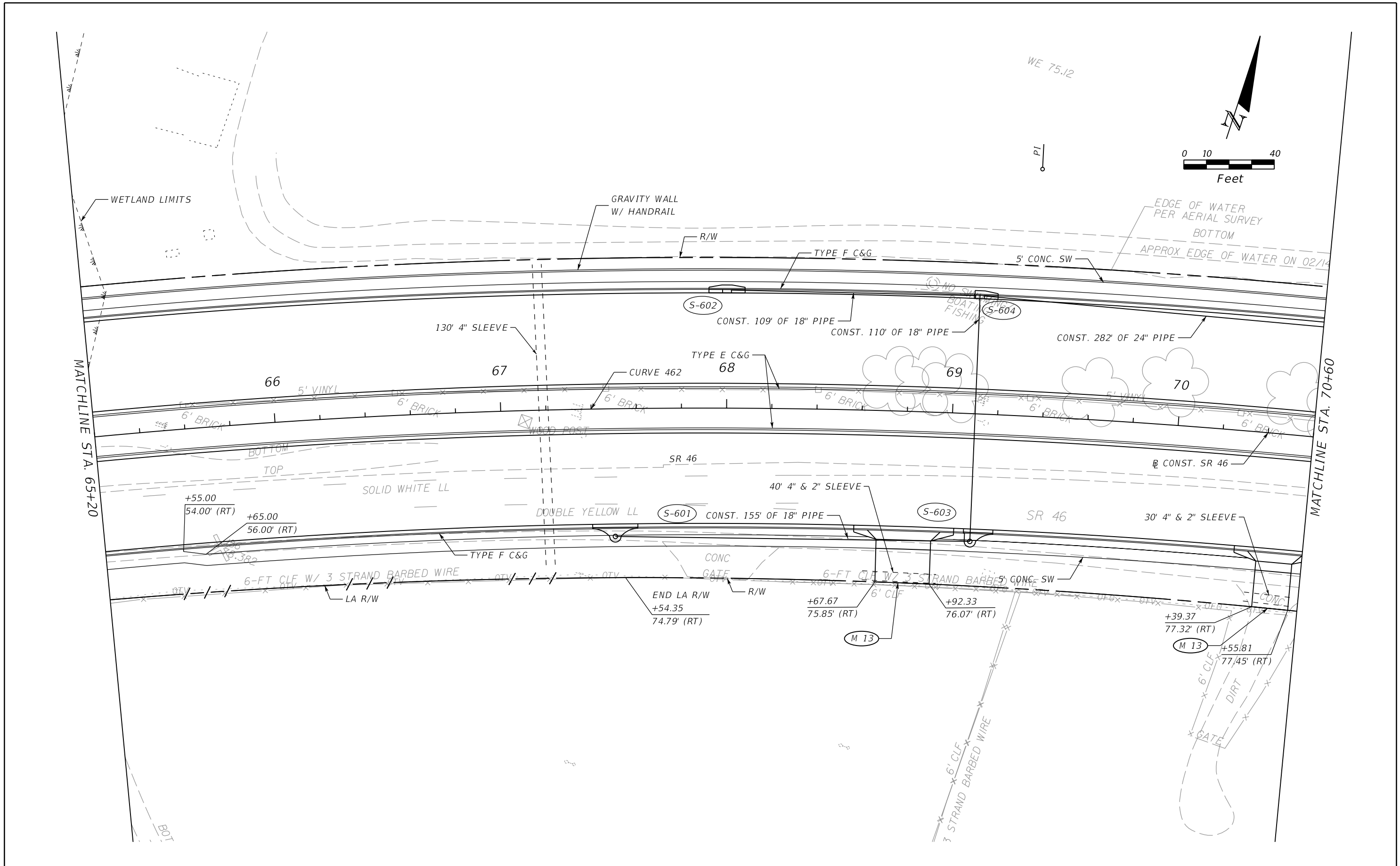
PLAN SHEET 6
SR 46
 SHEET NO. 51



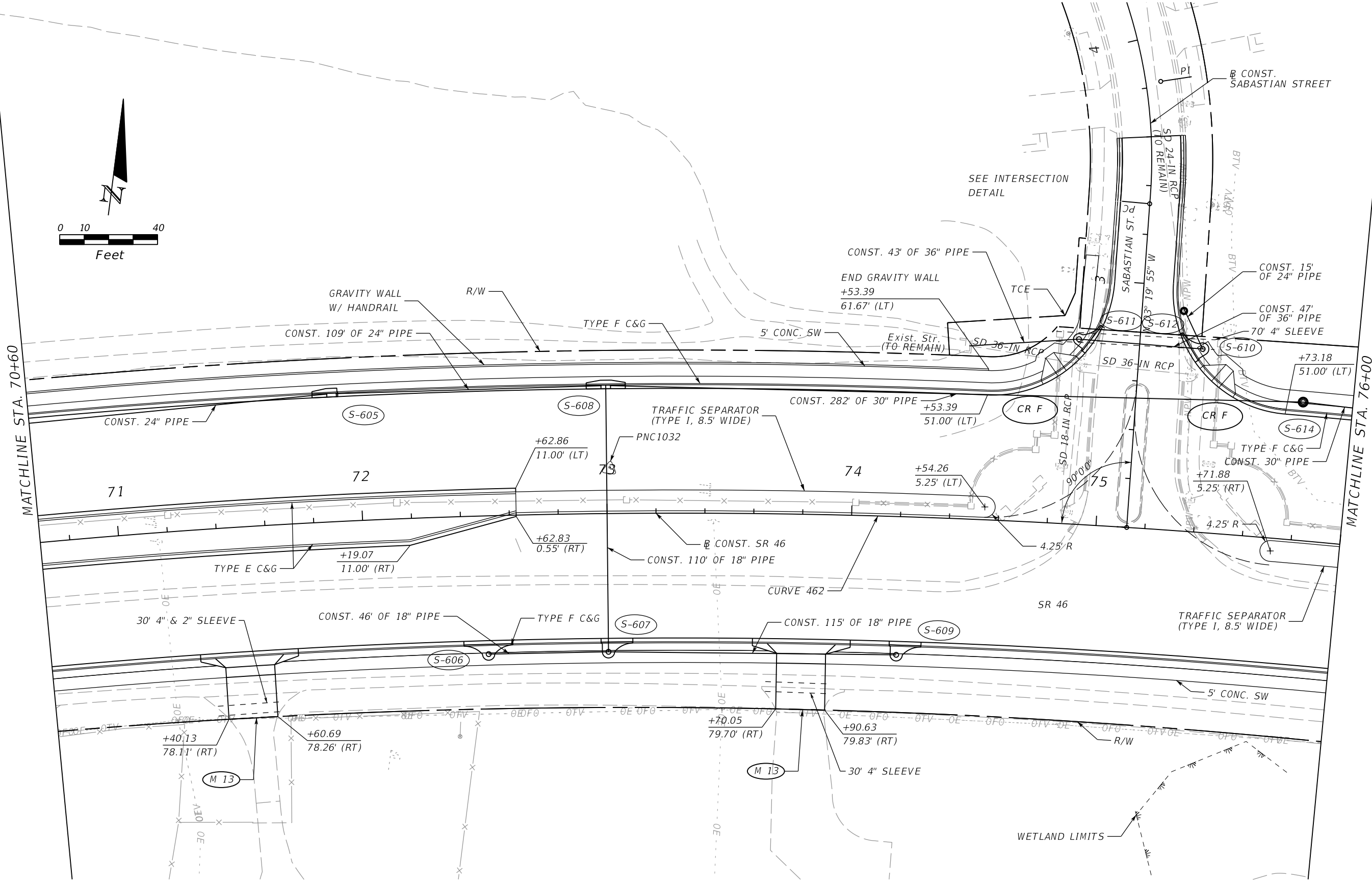
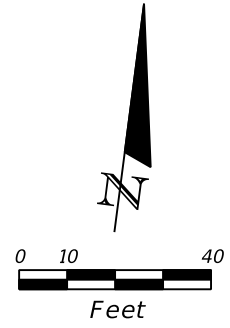
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 7 SR 46	SHEET NO. 52
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01		



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 8 SR 46	SHEET NO. 53
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		



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 9 SR 46	SHEET NO. 54
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					46	LAKE	238275-2-52-01		



REVISIONS			
DATE	DESCRIPTION	DATE	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

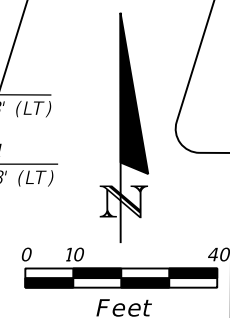
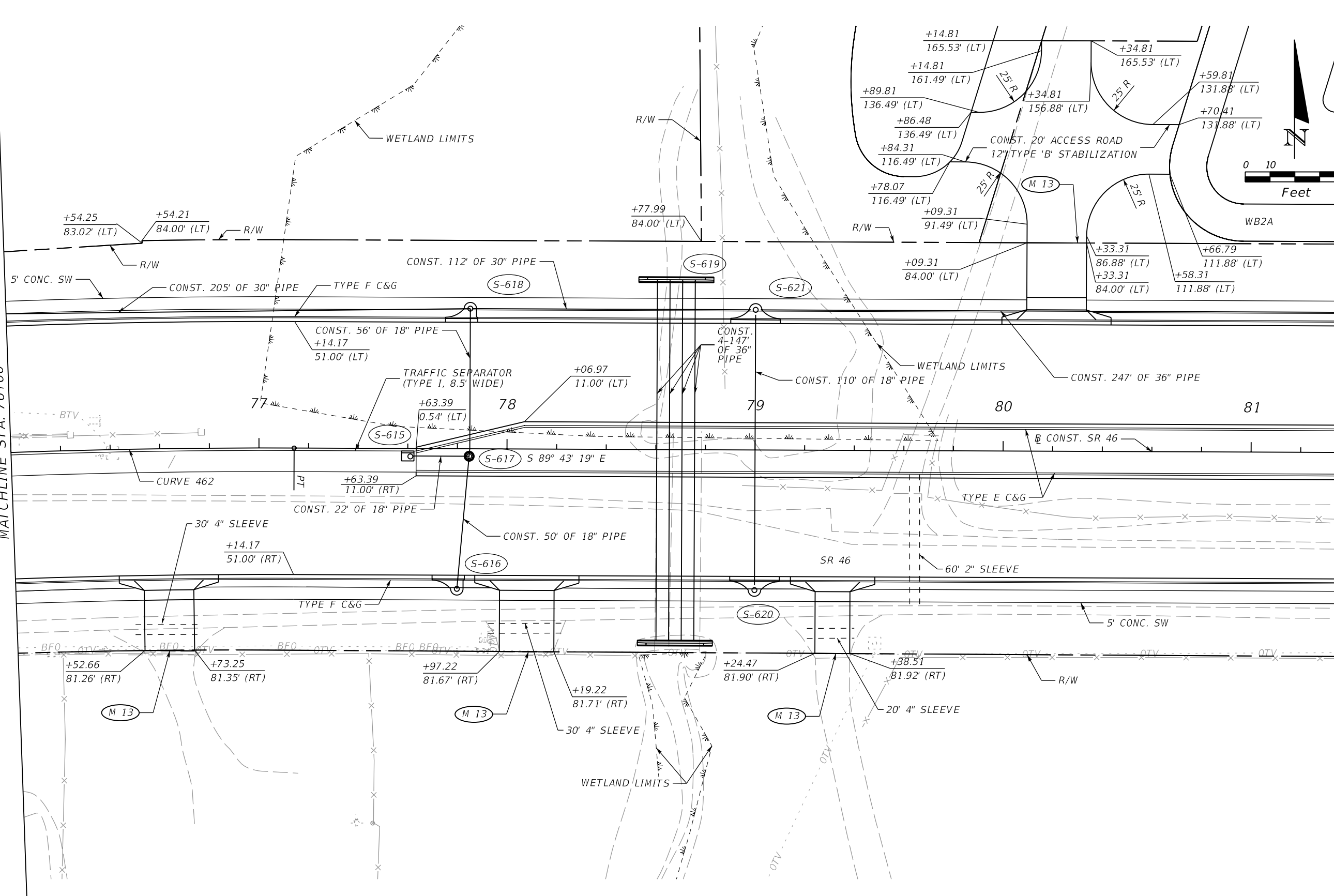
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
46	LAKE	238275-2-52-01

PLAN SHEET 10
SR 46

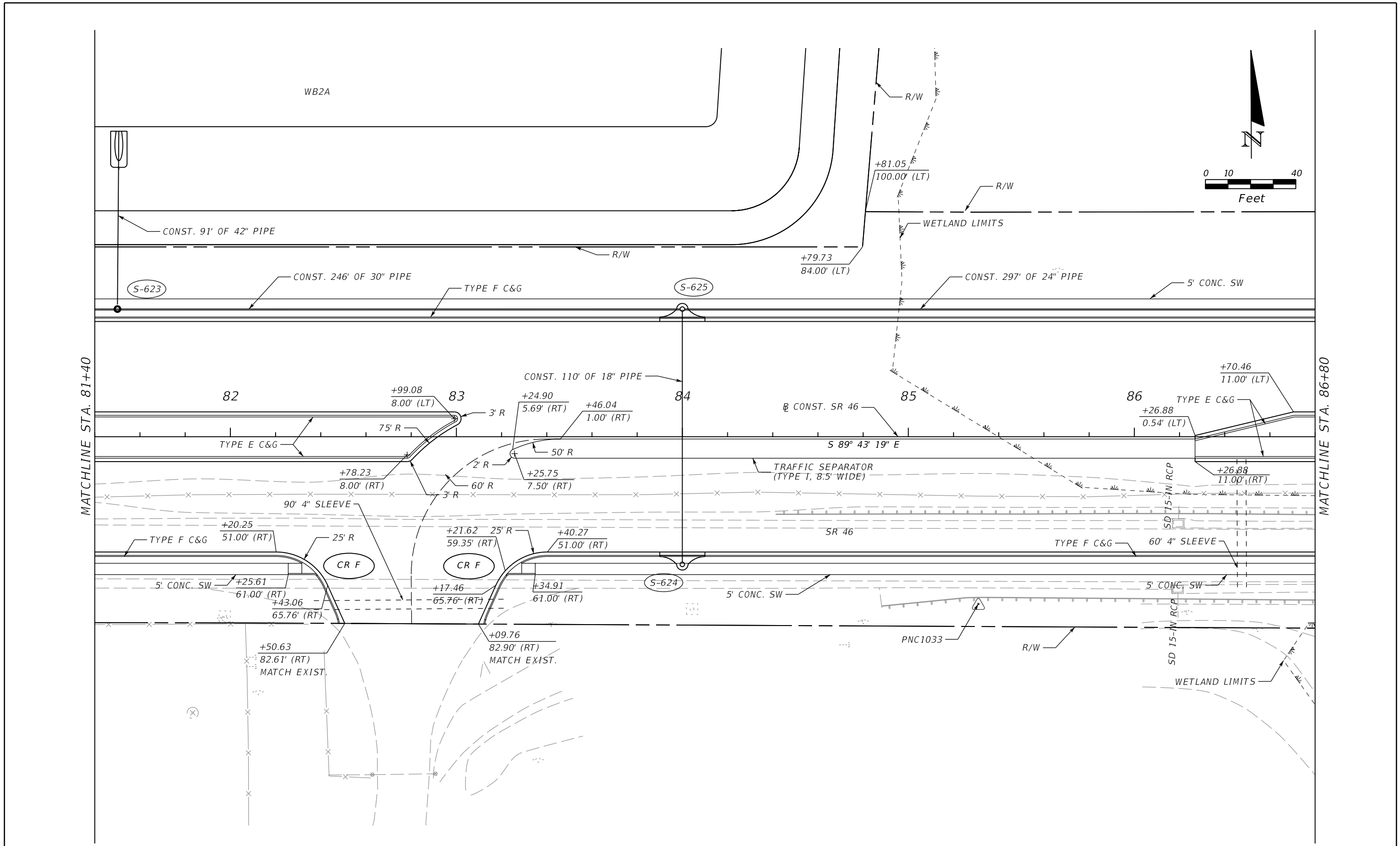
SHEET NO.
55

MATCHLINE STA. 76+00

MATCHLINE STA. 81+40



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 11 SR 46	SHEET NO. 56
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		



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

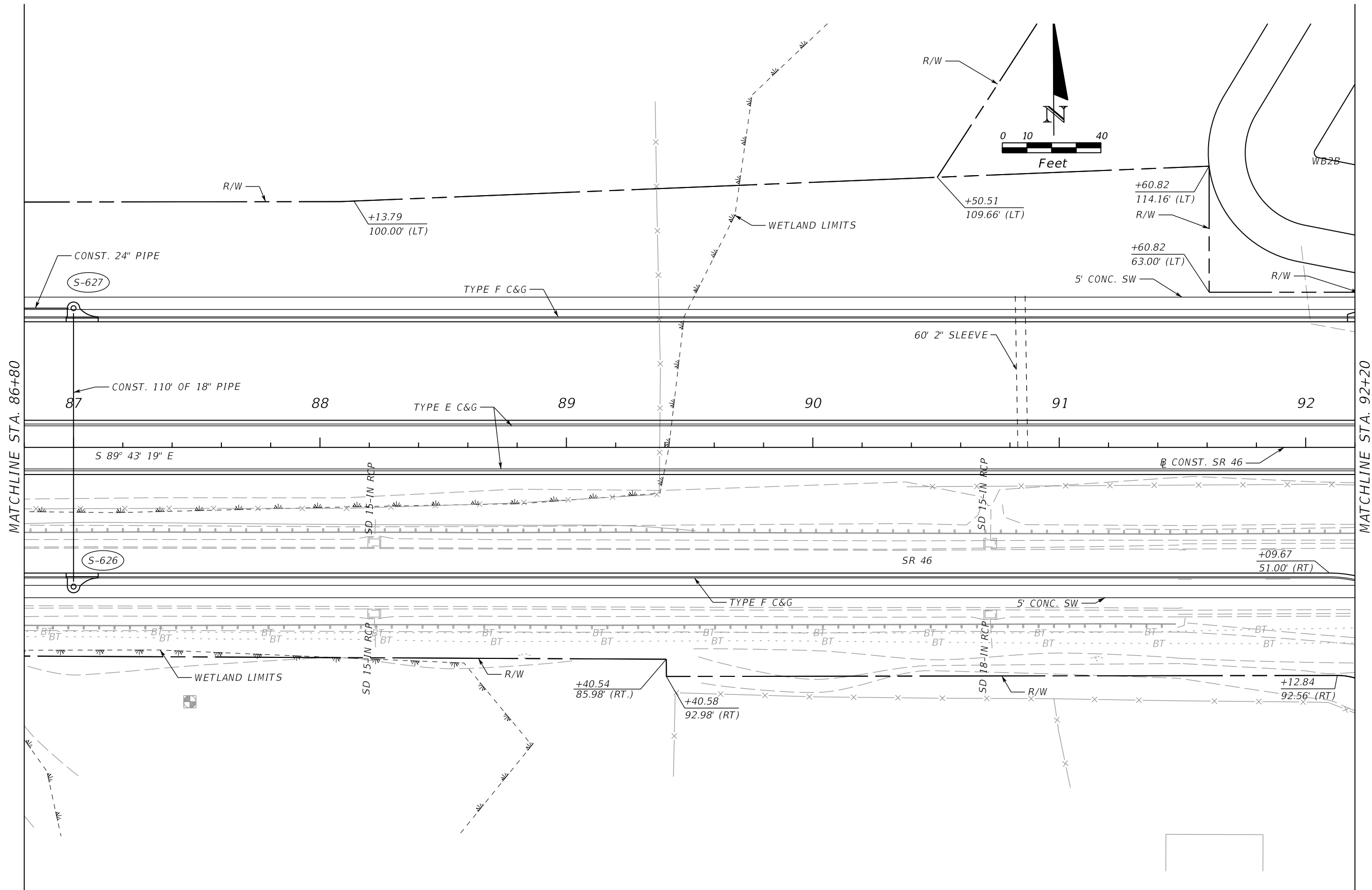
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

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

PLAN SHEET 12
SR 46

SHEET
 NO.
57



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

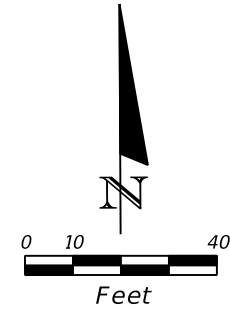
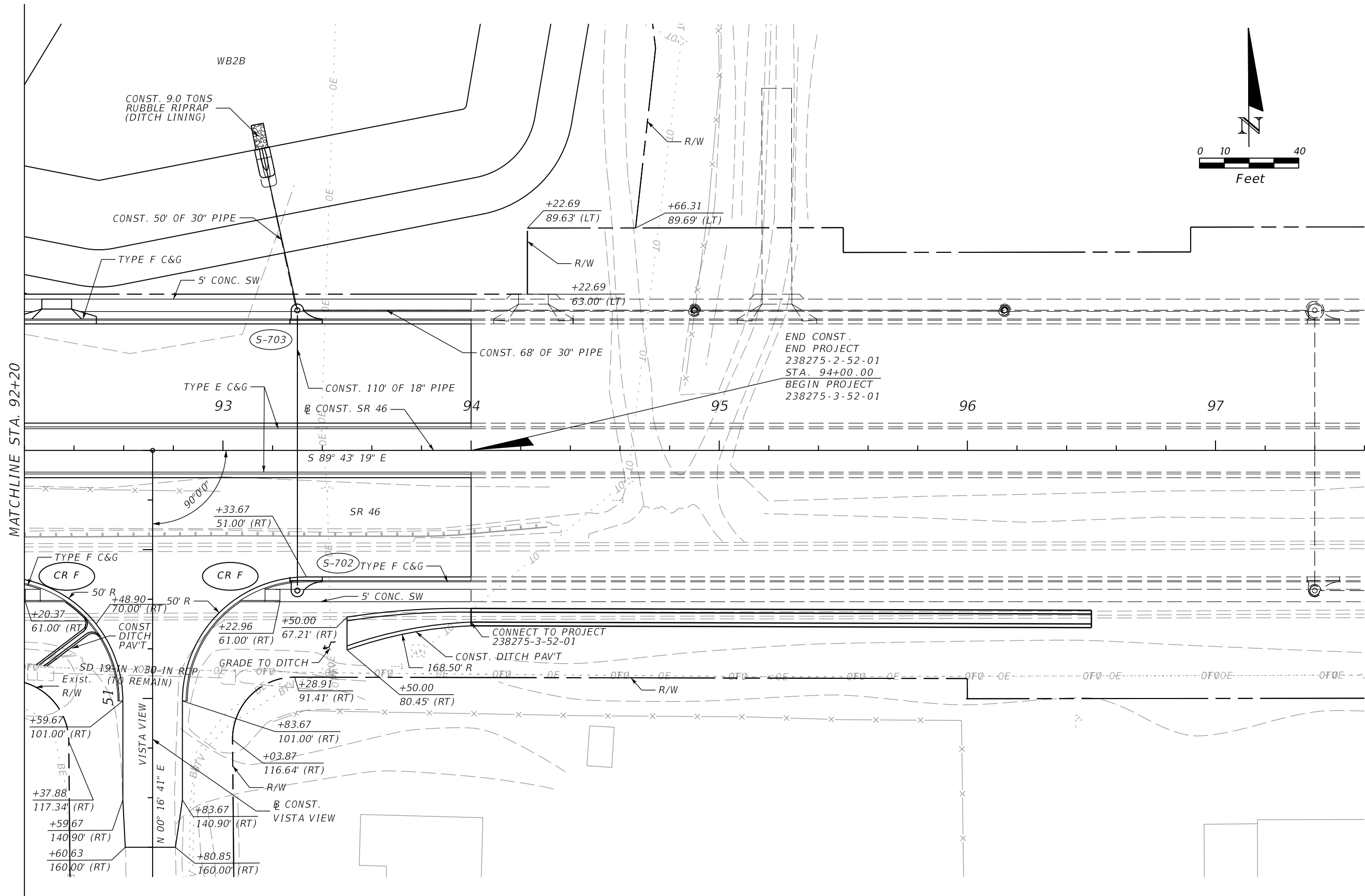
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

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

PLAN SHEET 13
SR 46

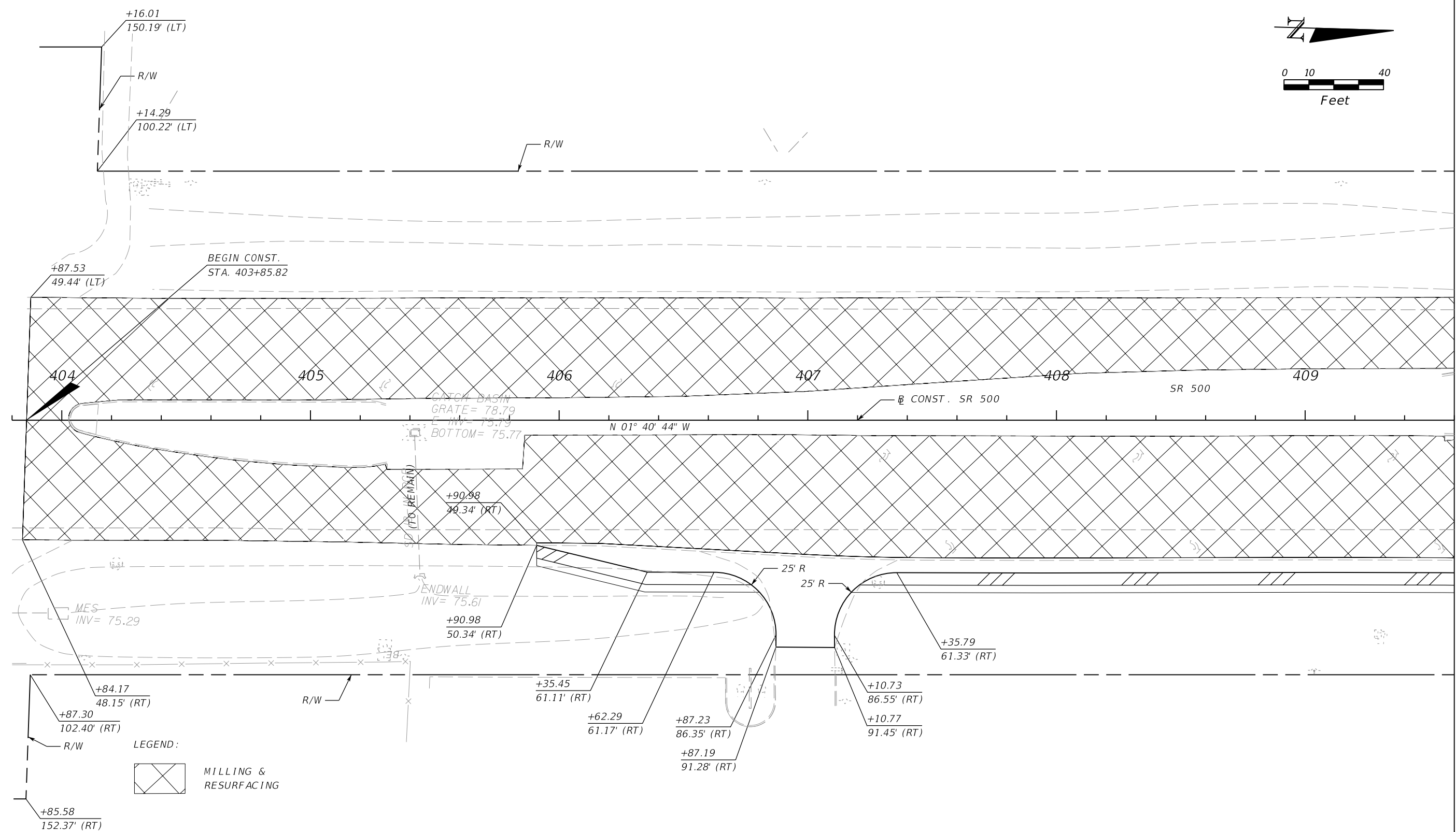
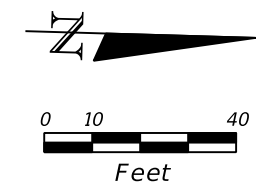
SHEET NO.
58



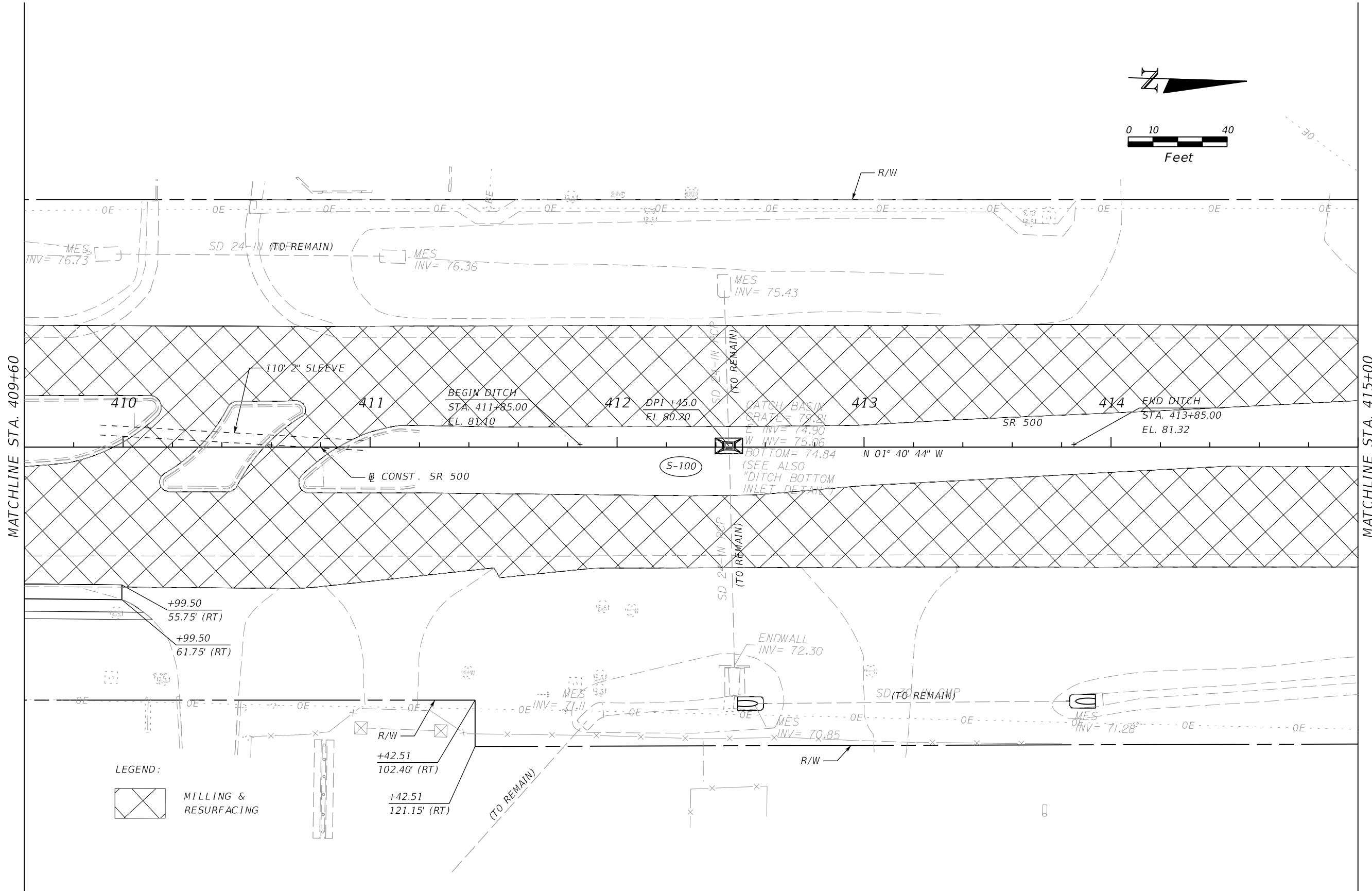
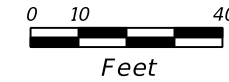
MATCHLINE STA. 92+20

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

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 14 SR 46	SHEET NO. 59
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					46	LAKE	238275-2-52-01		

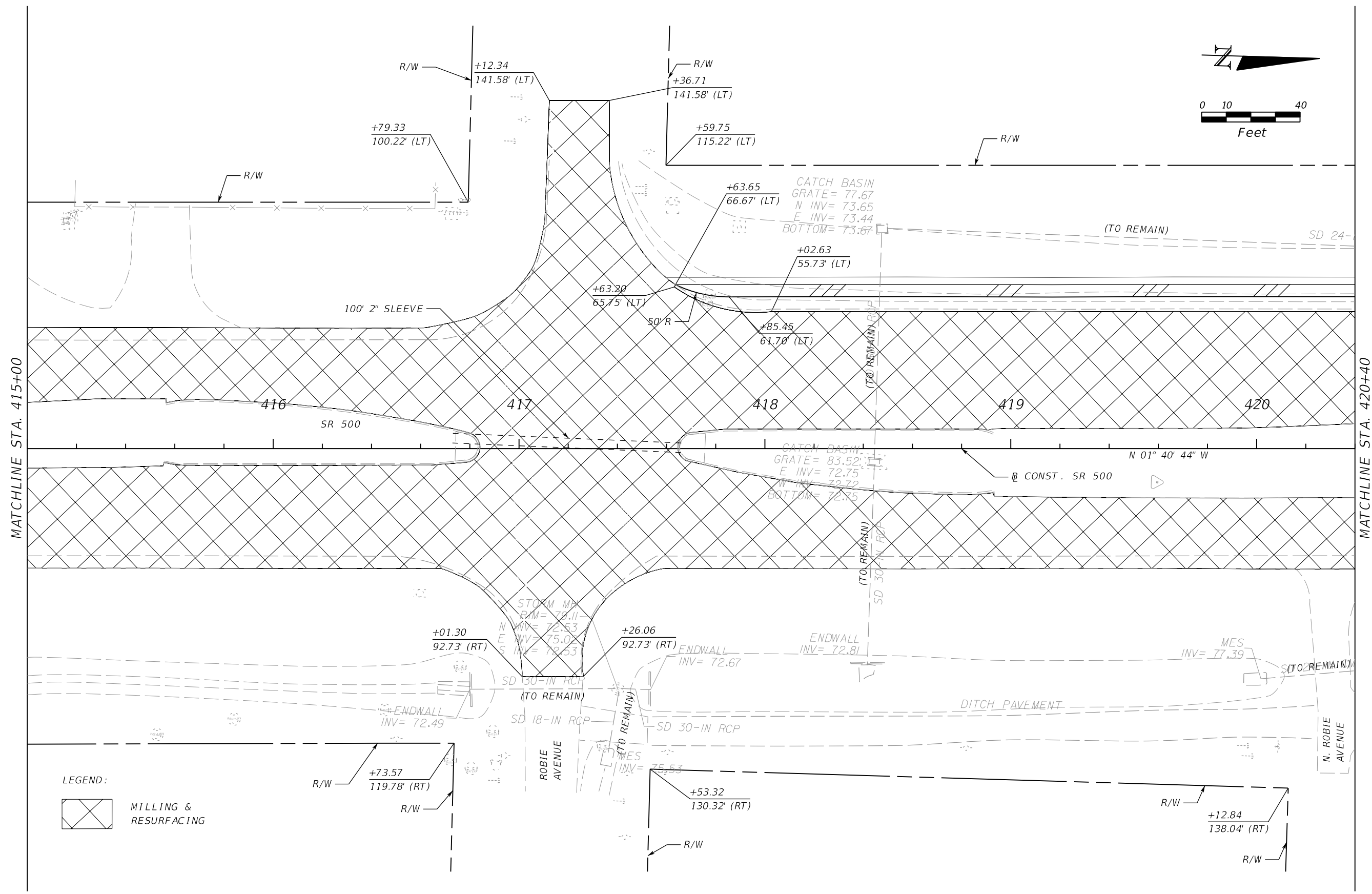
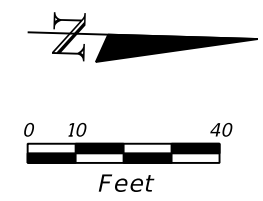


REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 15 SR 500	SHEET NO. 60
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01		



LEGEND:
 MILLING & RESURFACING

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 16 SR 500	SHEET NO. 61
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		



LEGEND:
 MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

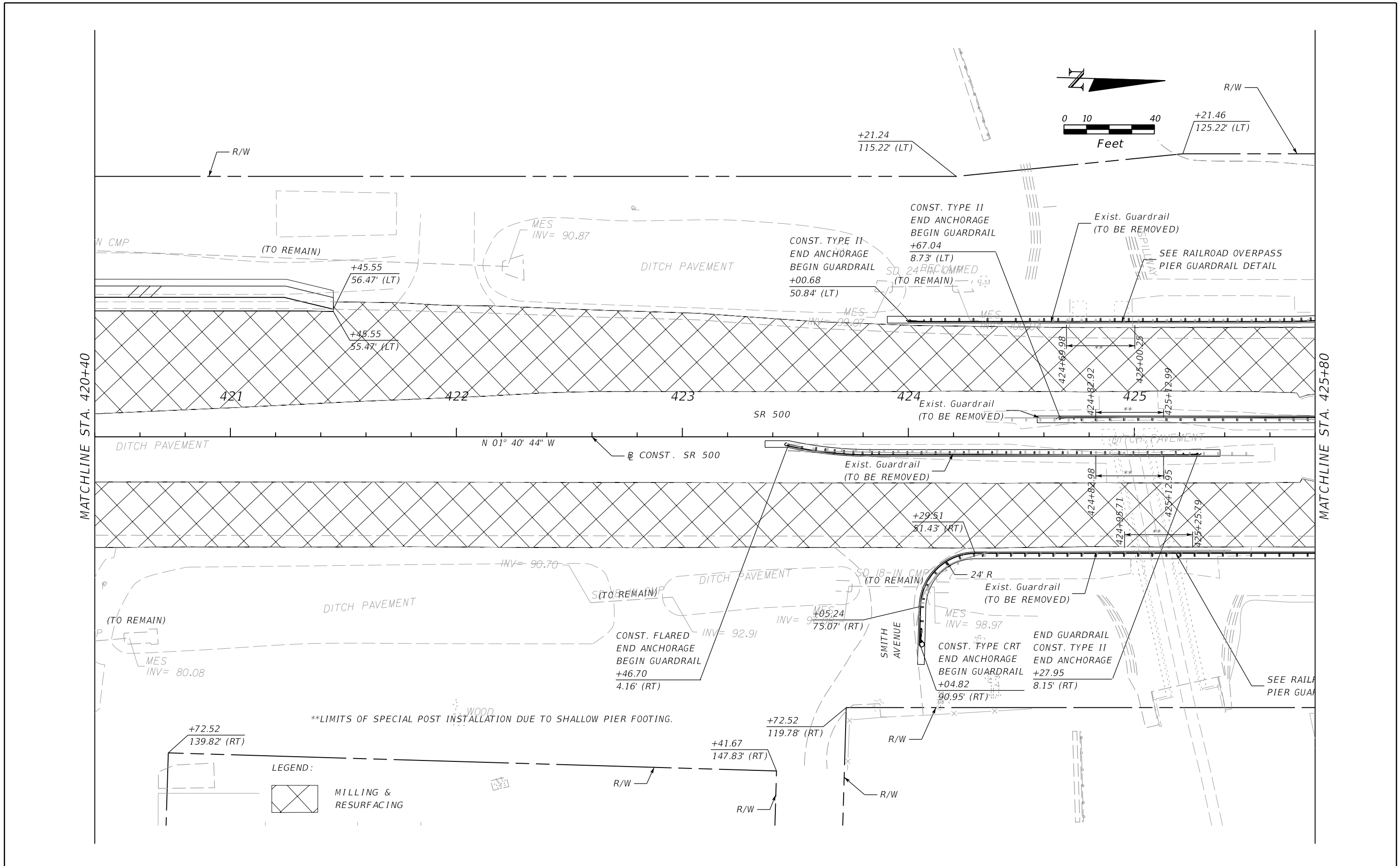
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

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

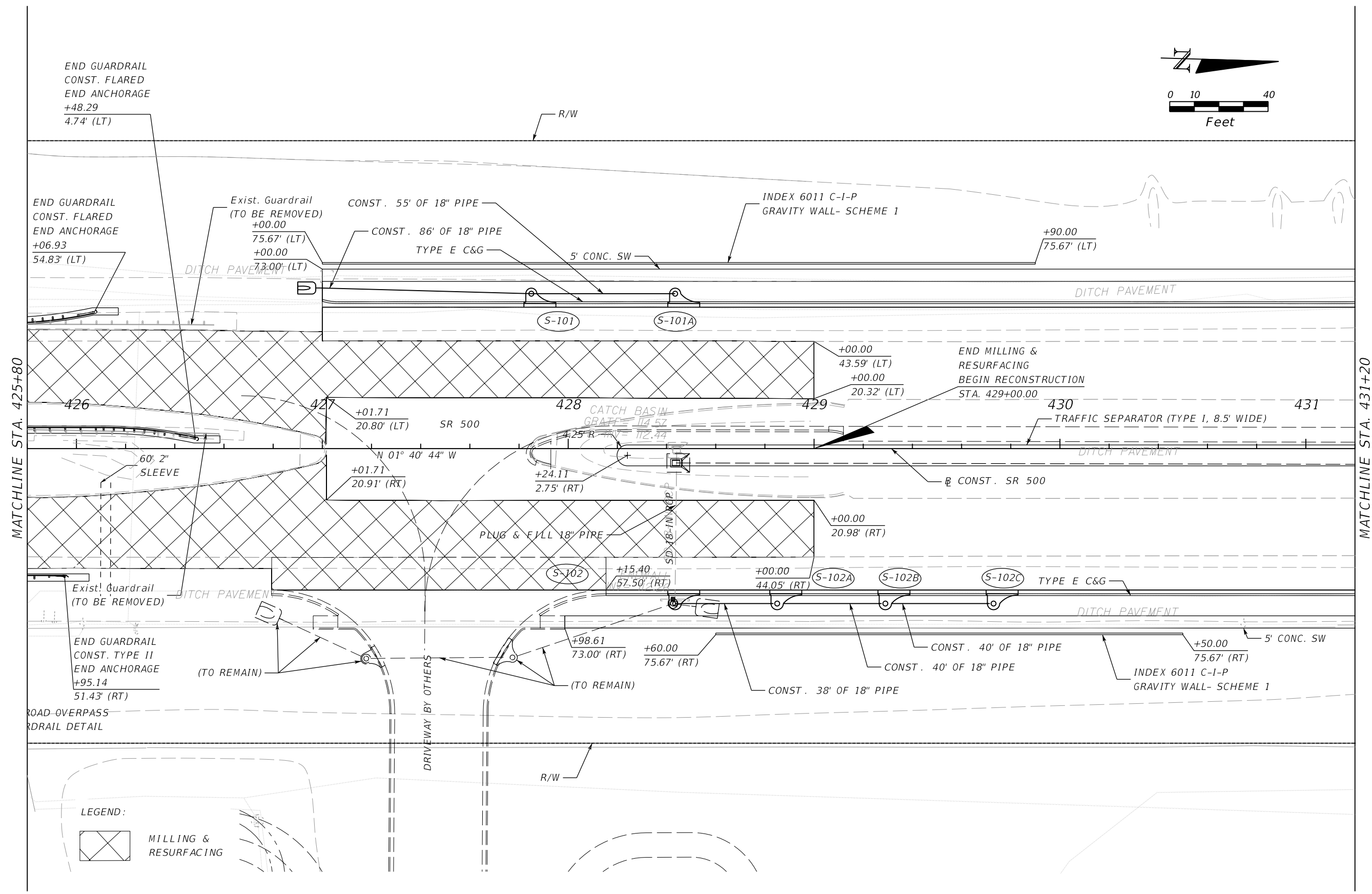
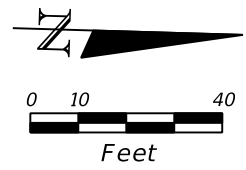
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
46	LAKE	238275-2-52-01

PLAN SHEET 17
SR 500

SHEET NO. 62

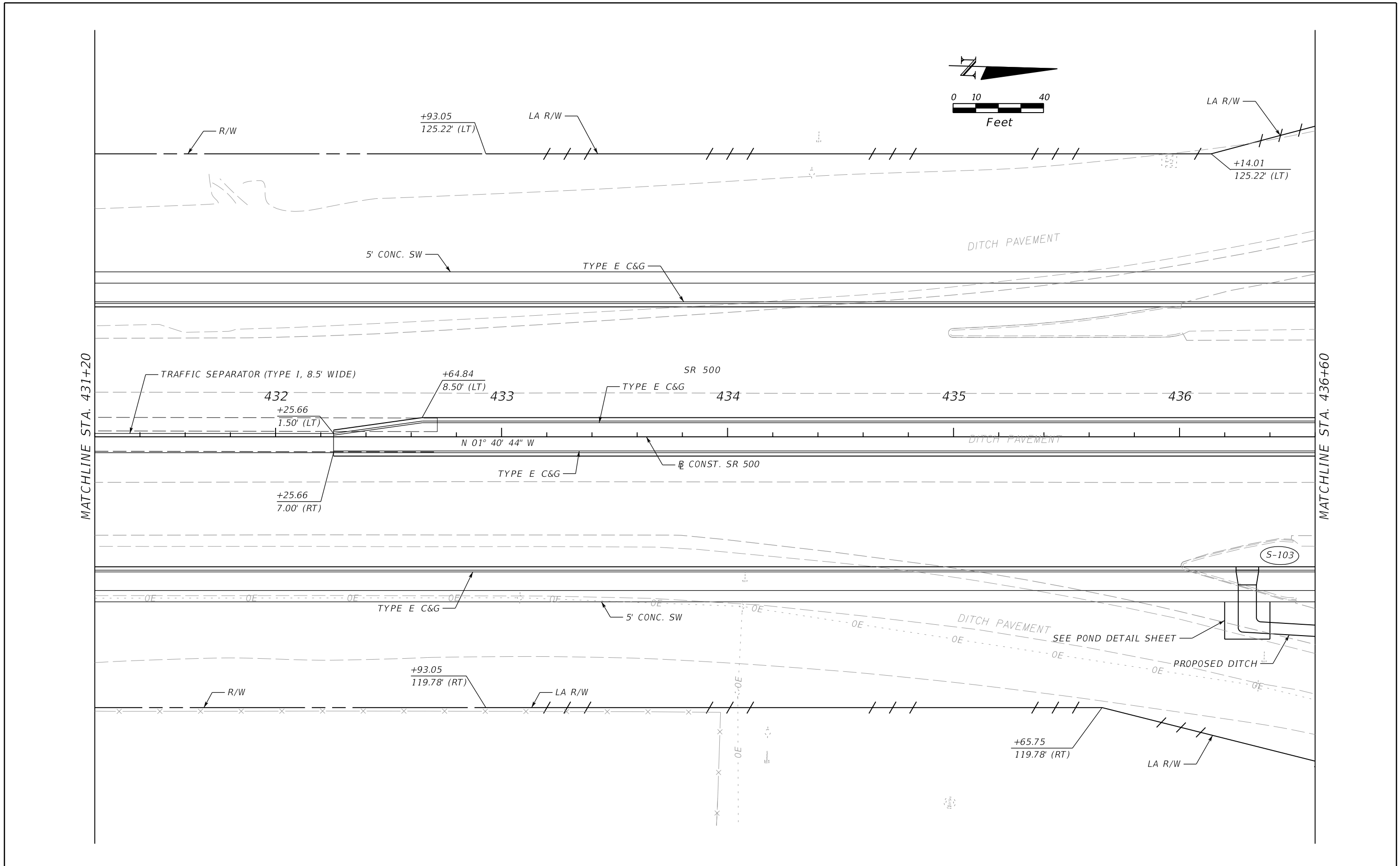


REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 18 SR 500	SHEET NO. 63
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01		

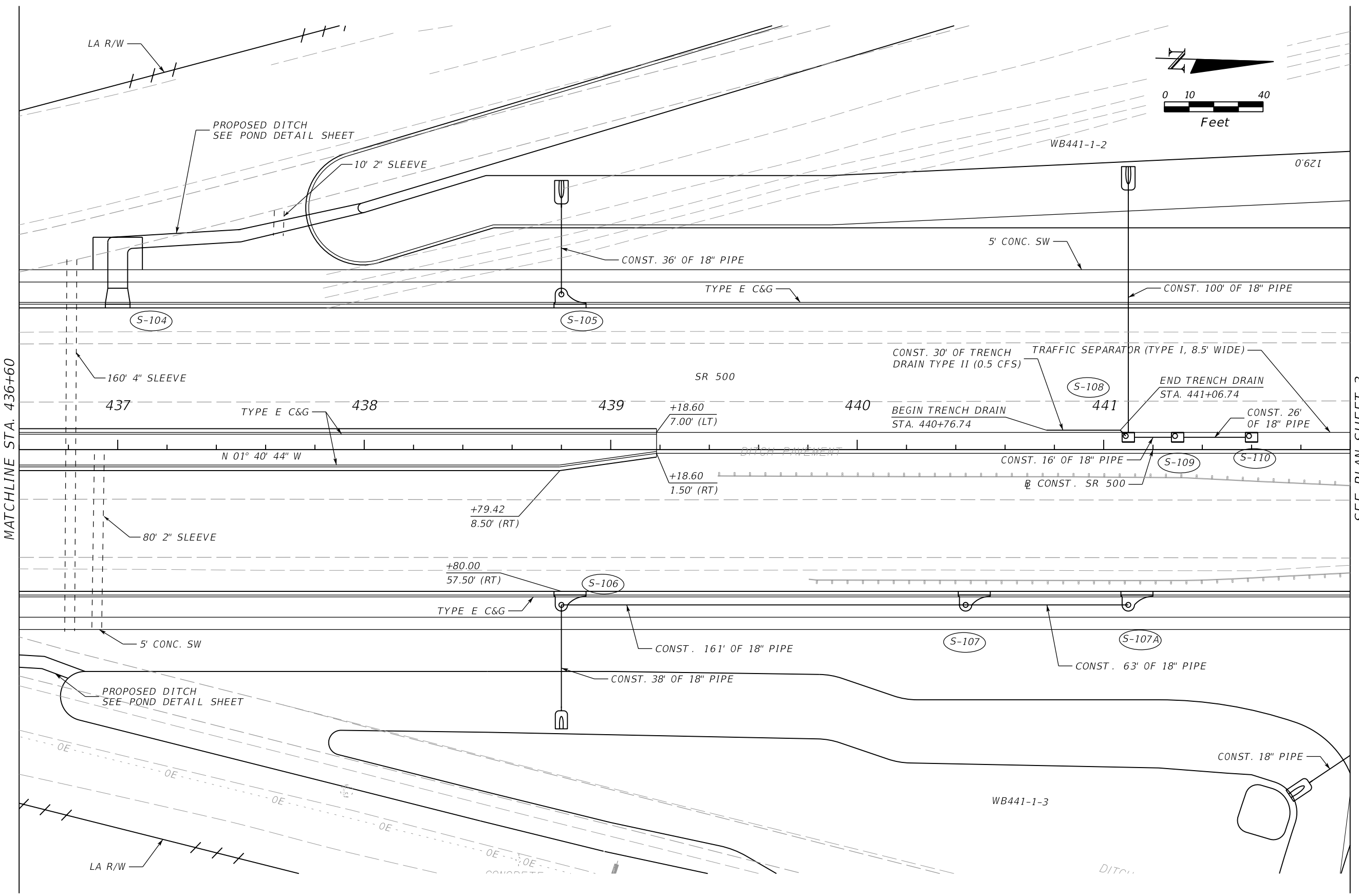
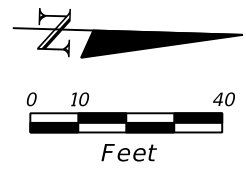


LEGEND:
 MILLING & RESURFACING

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 19 SR 500	SHEET NO. 64
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		



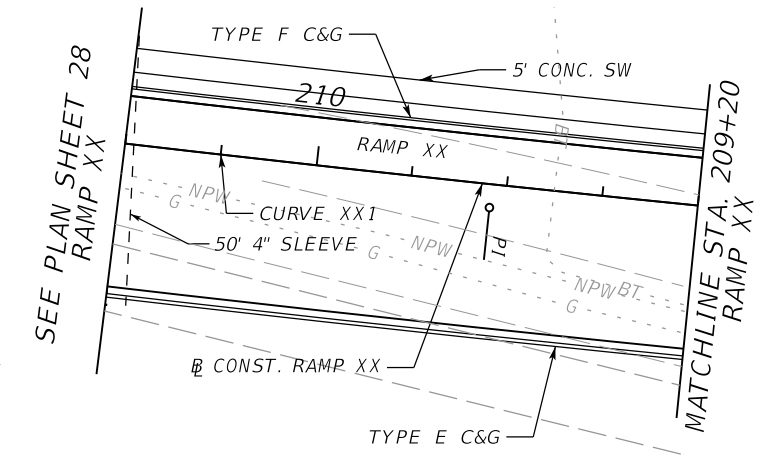
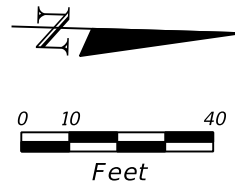
REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 20 SR 500	SHEET NO. 65
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGINEER OF RECORD: JEFFREY A. MESSENGER, P.E. FL REGISTRATION NO. 57539	46	LAKE	238275-2-52-01		



MATCHLINE STA. 436+60

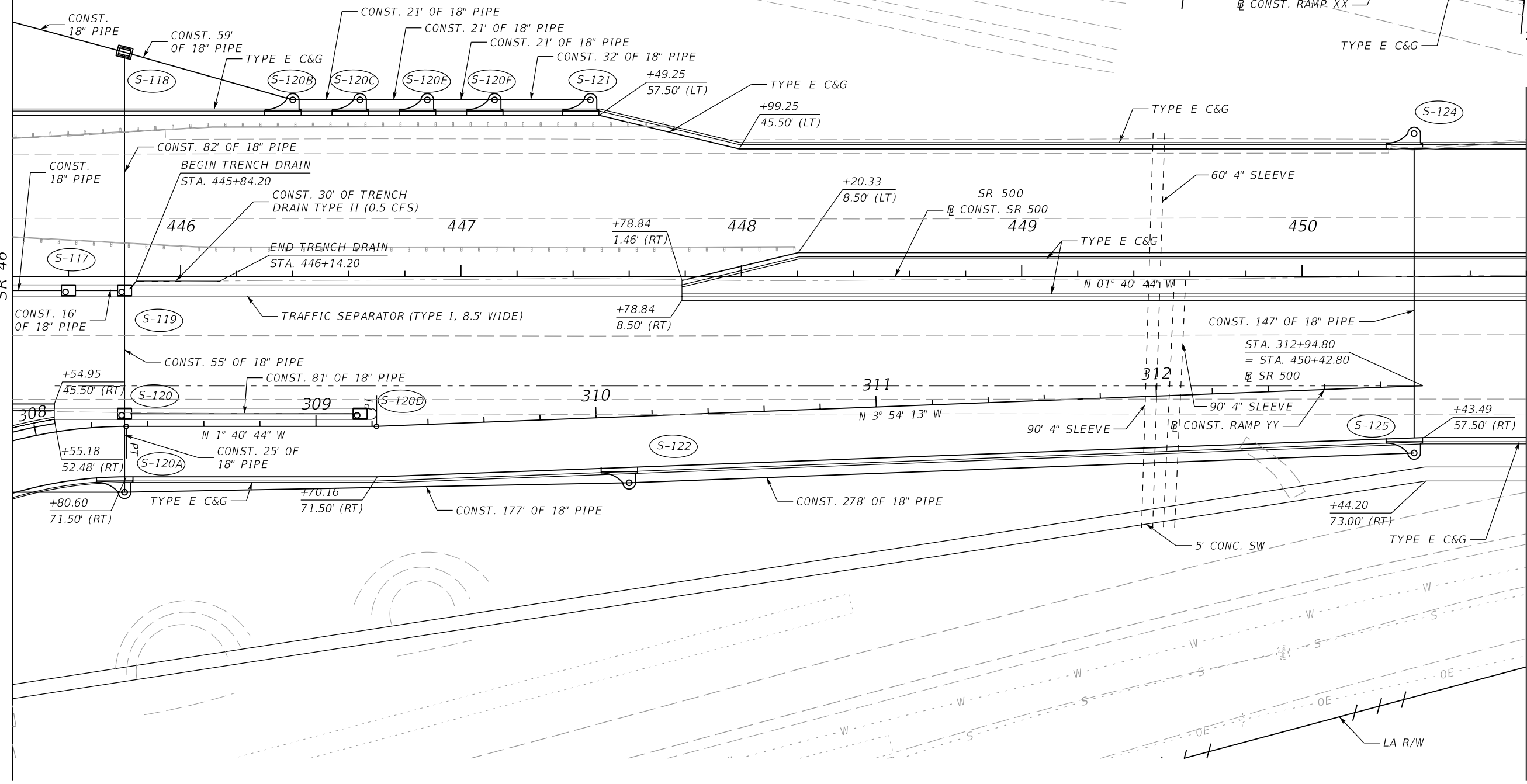
SEE PLAN SHEET 3 SR 46

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 21 SR 500	SHEET NO. 66
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

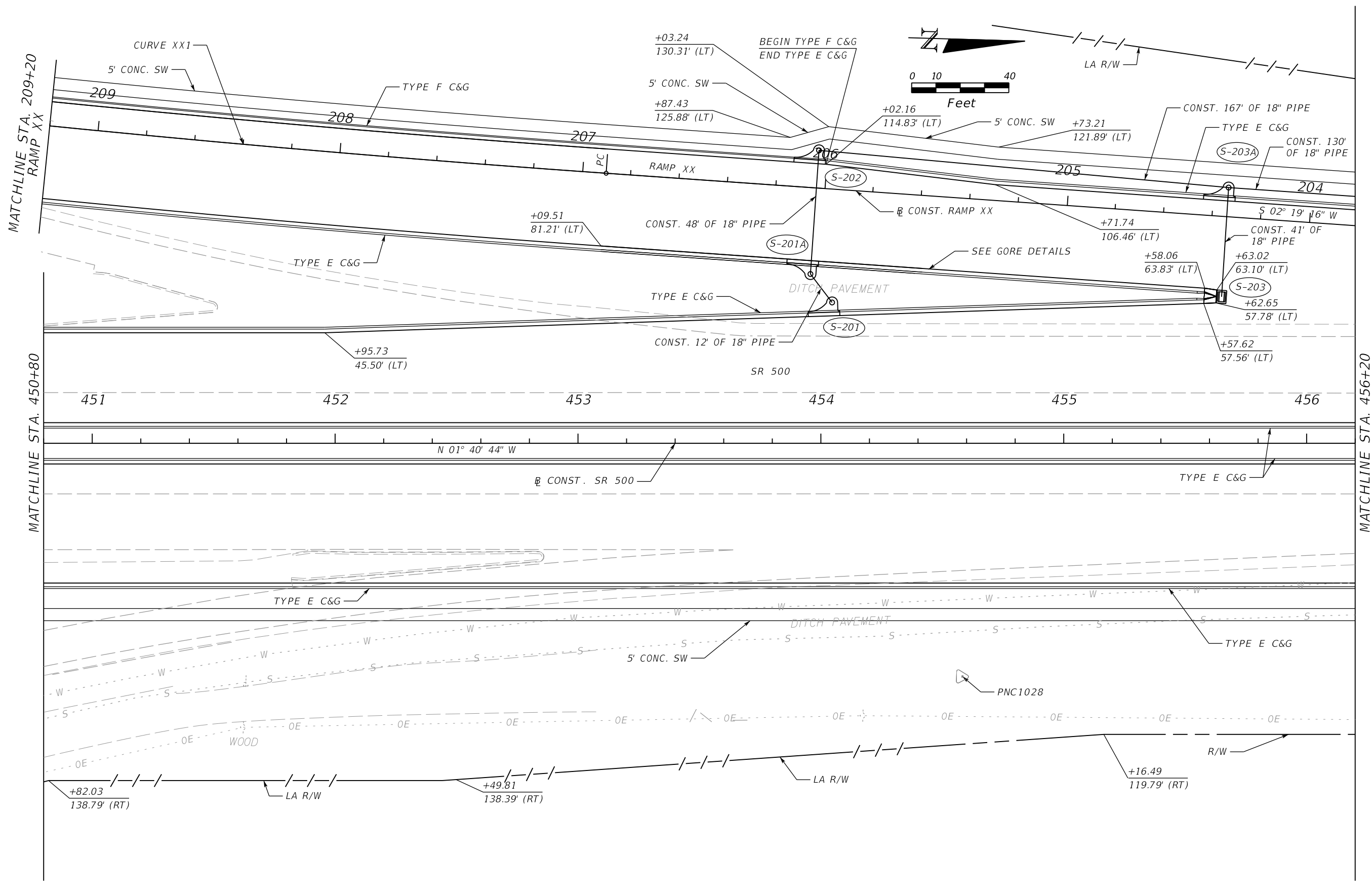


SEE PLAN SHEET 3
SR 46

MATCHLINE STA. 450+80



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 22 SR 500	SHEET NO. 67
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		



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

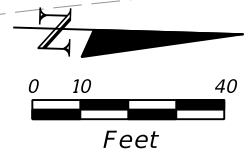
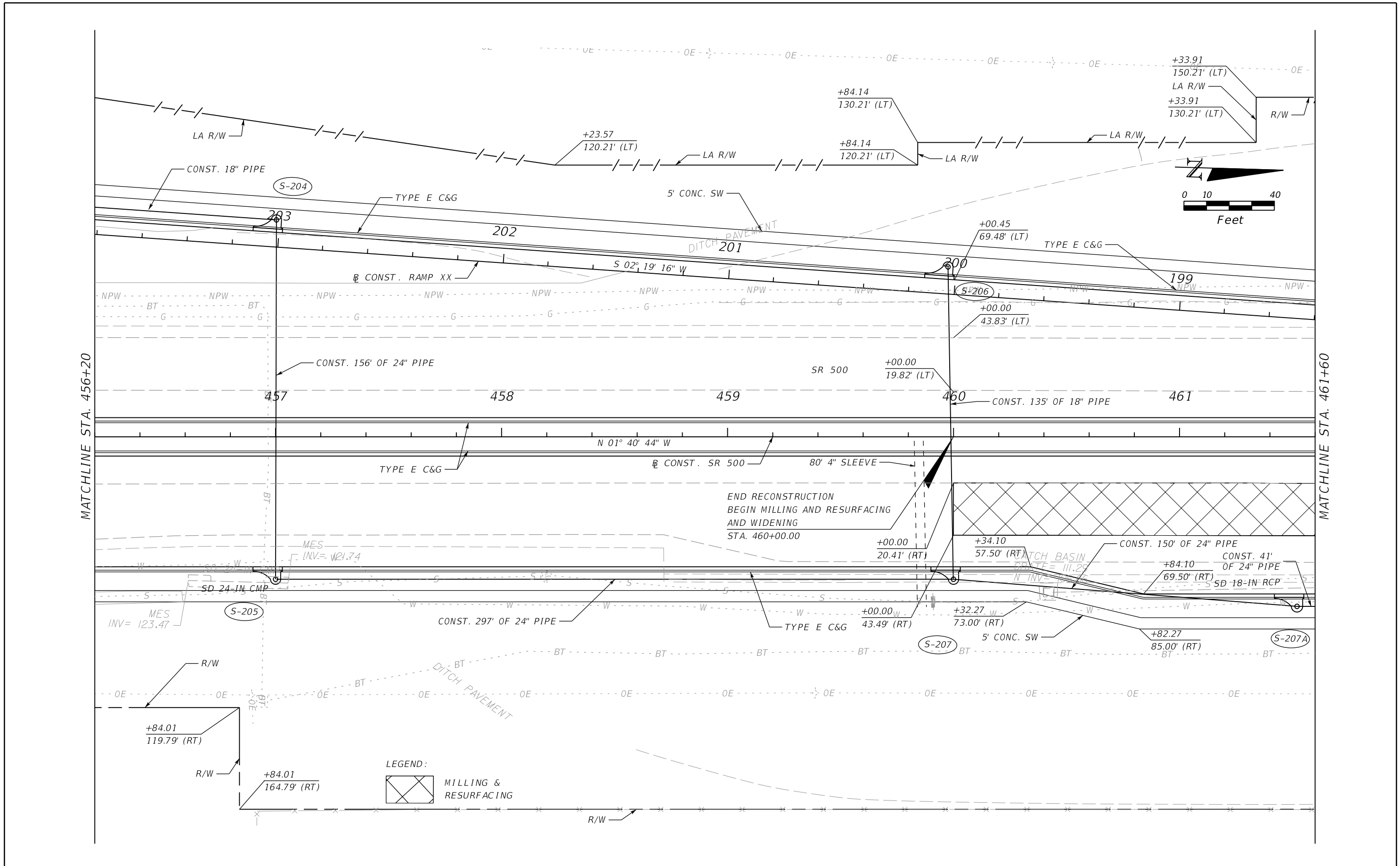
MOFFATT & NICHOL
 1025 GREENWOOD BLVD, STE 371
 LAKE MARY, FL 32746
 PHONE (407) 562-2030
 CERT. OF AUTH. NO. 4877

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

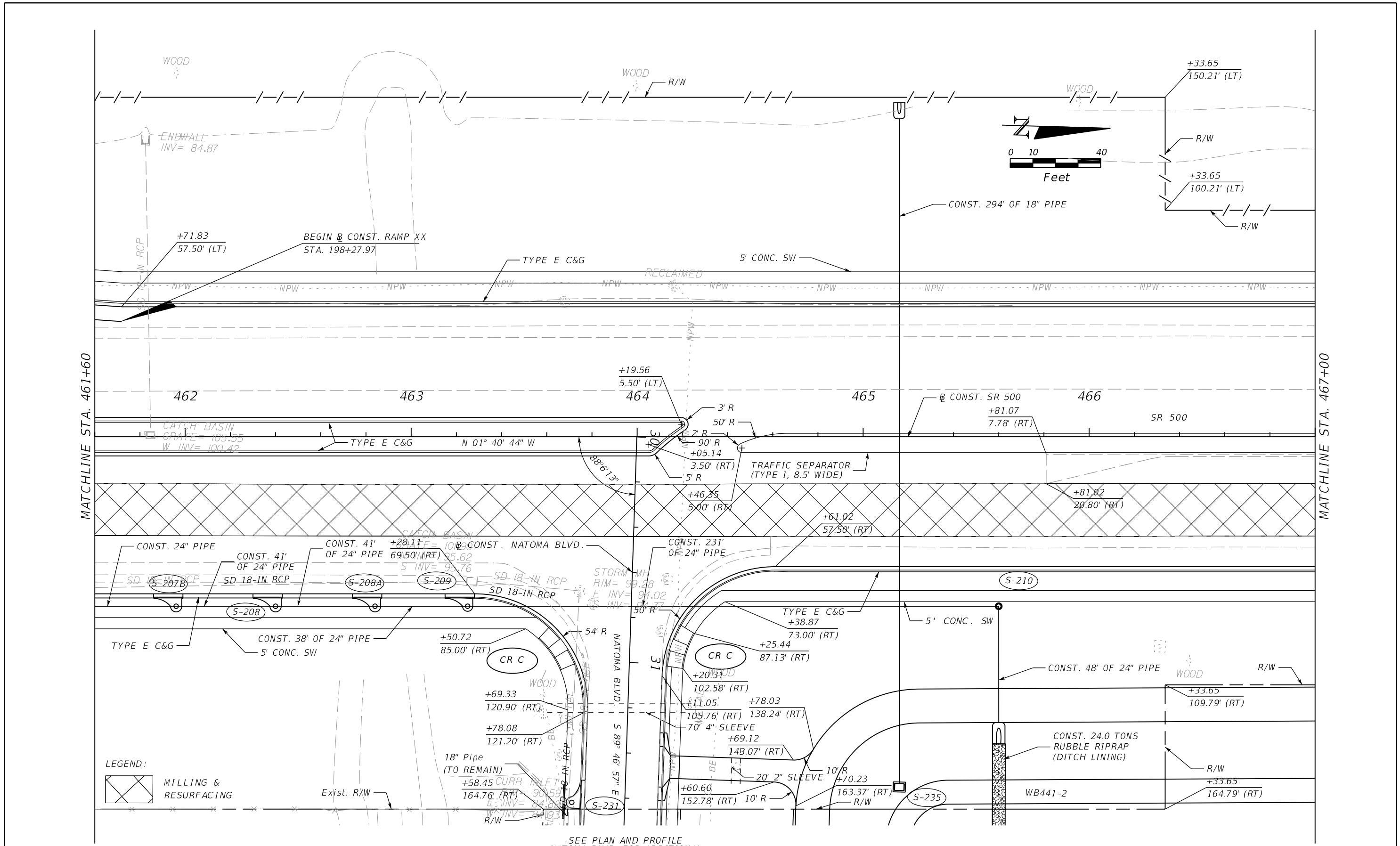
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
46	LAKE	238275-2-52-01

PLAN SHEET 23
SR 500

SHEET
 NO.
68

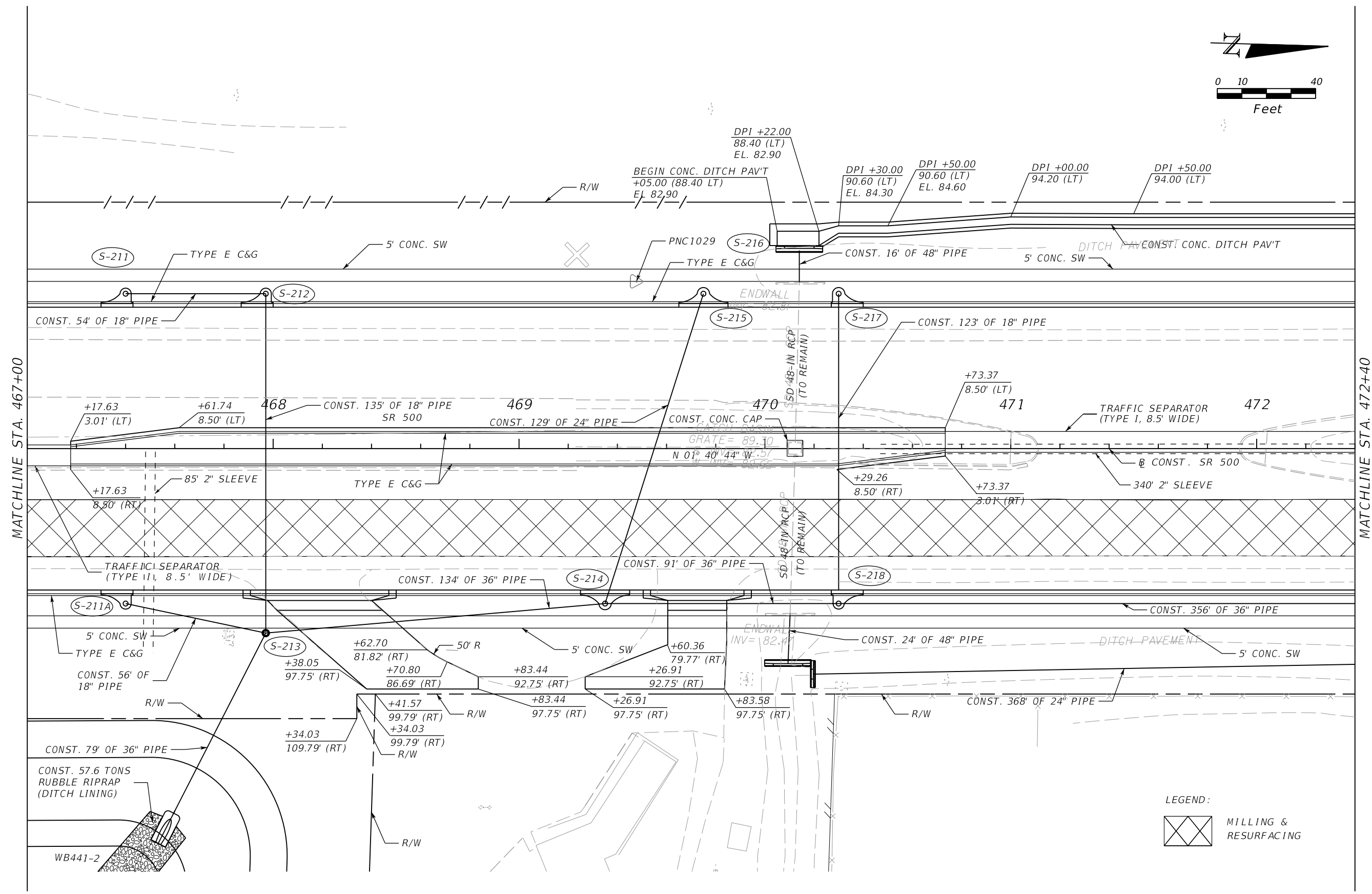
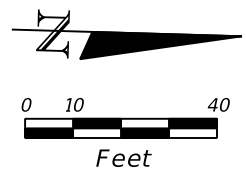


REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 24 SR 500	SHEET NO. 69
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				46	LAKE	238275-2-52-01			



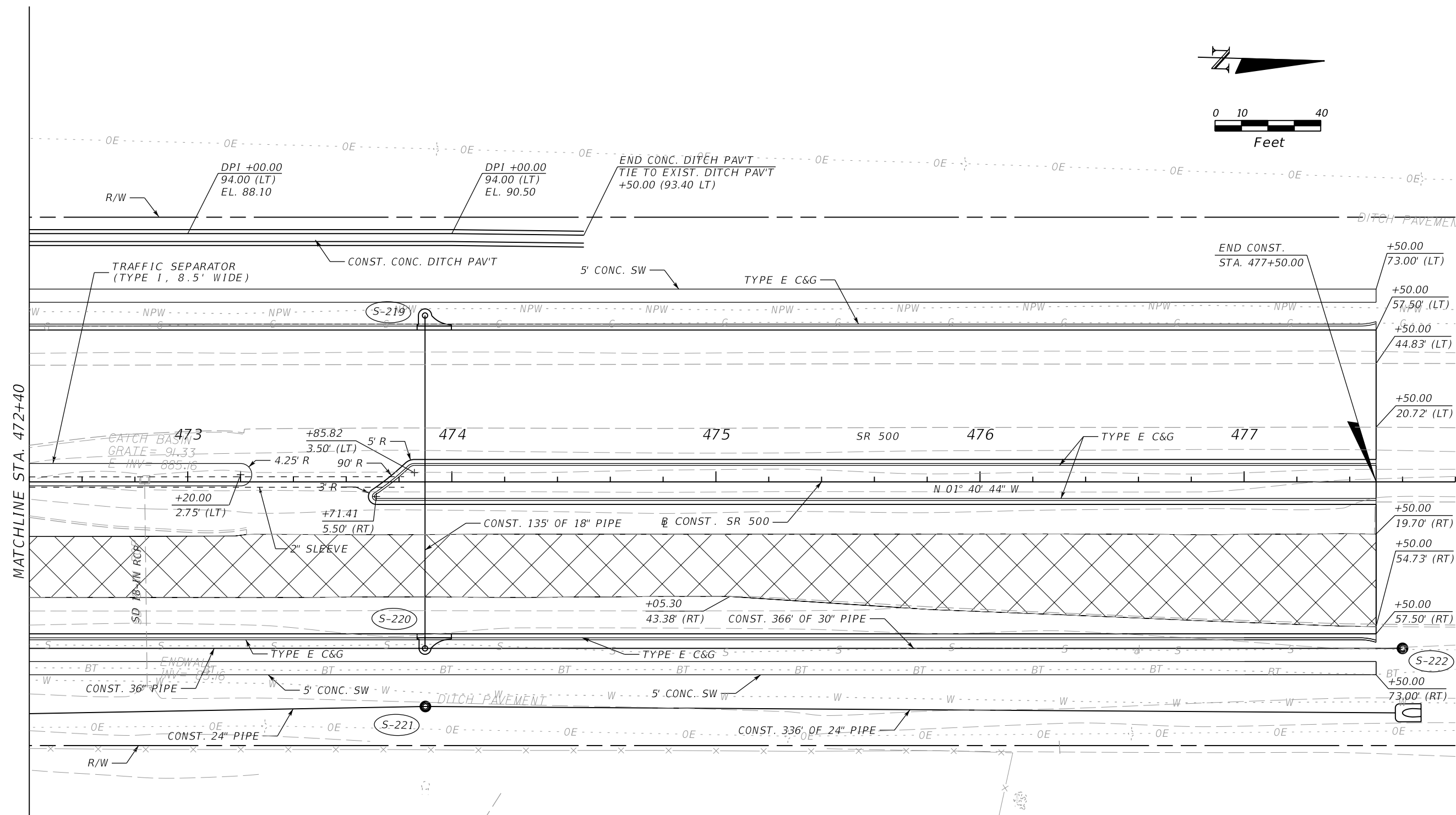
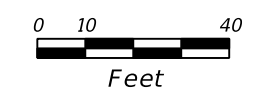
SEE PLAN AND PROFILE
 NATOMA BLVD. FOR ADDITIONAL
 INFORMATION

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			PLAN SHEET 25 SR 500	SHEET NO. 70
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				46	LAKE	238275-2-52-01			



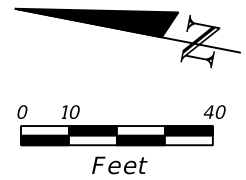
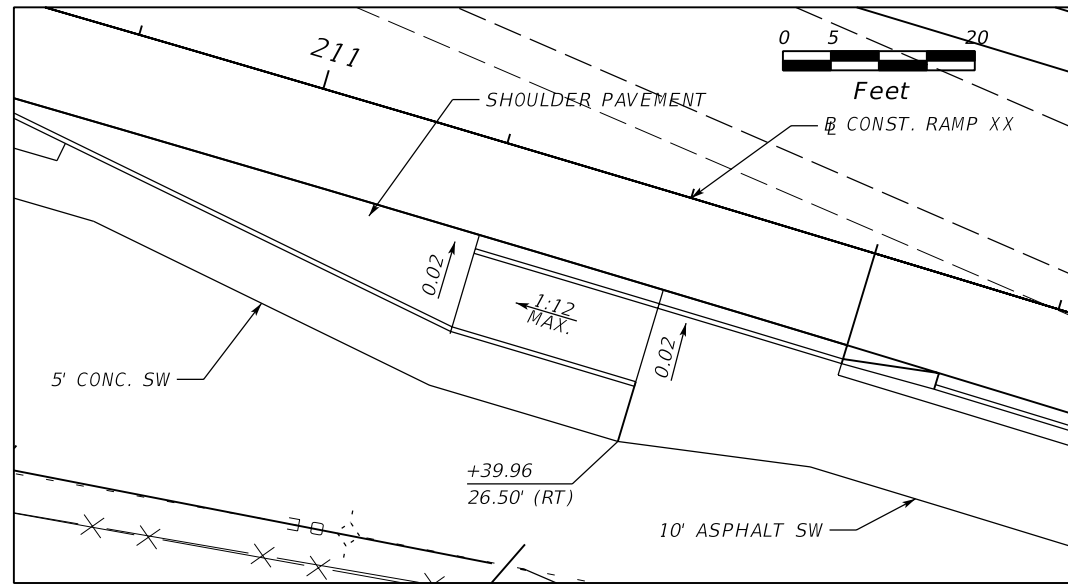
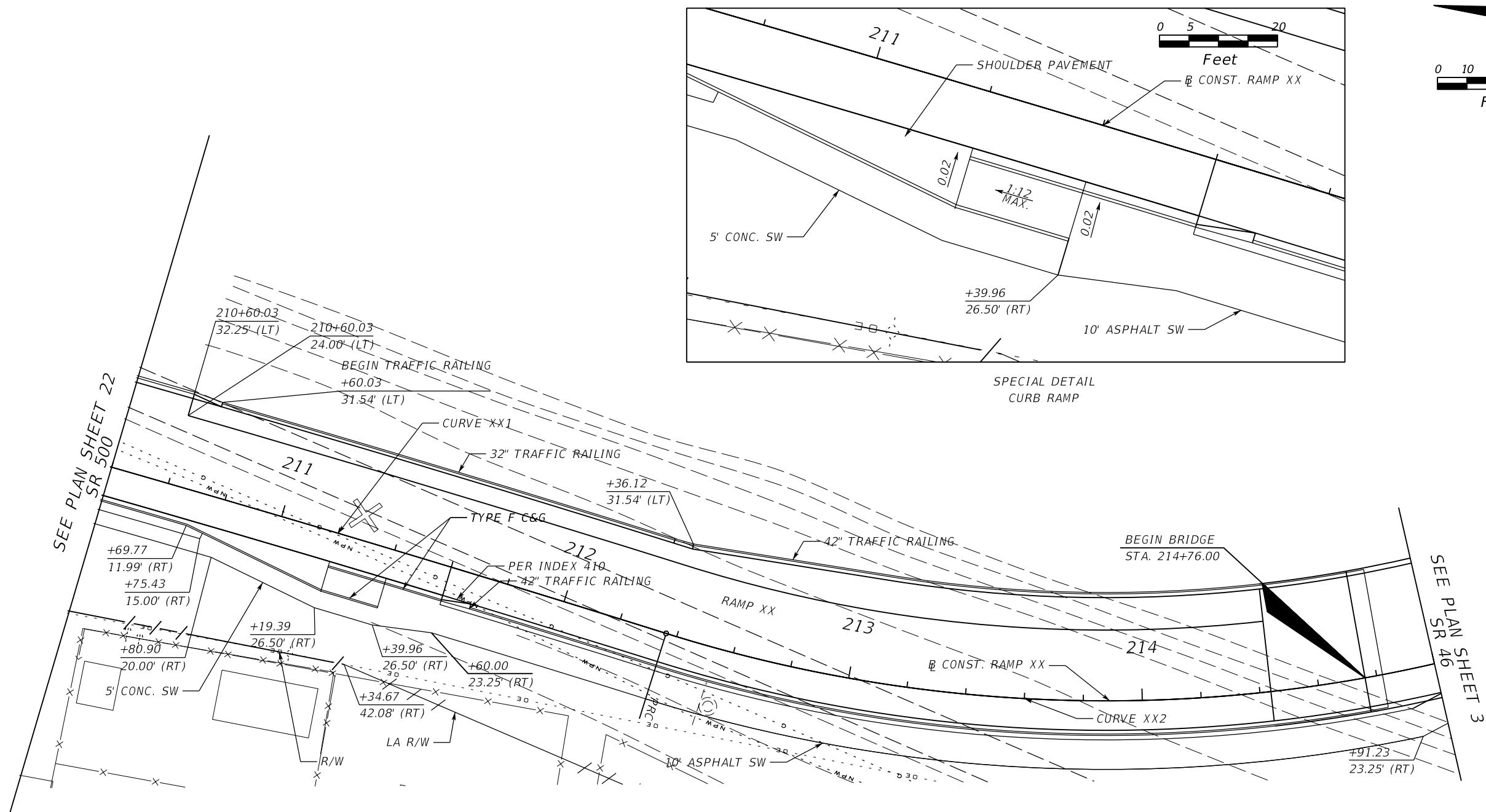
LEGEND:
 MILLING & RESURFACING

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 26 SR 500	SHEET NO. 71
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		



LEGEND:
 MILLING & RESURFACING

REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 27 SR 500	SHEET NO. 72
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		



REVISIONS				MOFFATT & NICHOL 1025 GREENWOOD BLVD, STE 371 LAKE MARY, FL 32746 PHONE (407) 562-2030 CERT. OF AUTH. NO. 4877	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 28 RAMP XX	SHEET NO. 73
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					46	LAKE	238275-2-52-01		