

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

ASPHALT PAVEMENT REMOVAL & BREAKUP SUMMARY

LINE	STATION	STATION	LOCATION	ASPHALT	ASPHALT
				REMOVAL	BREAKUP
				YD ²	YD ²
-L-	7+75	12+89	MED LT & RT	270.90	
-L-	14+19	24+75	MED & RT	2,805.88	
-L-	19+00	79+00	CL		18327.90
-L-	79+00	84+50	RT	1,696.02	
-L-	84+50	93+50	RT		2793.89
-L-	93+50	100+50	RT	2,244.38	
-L-	100+50	130+50	CL		9357.09
-L-	130+50	138+50	RT	2,475.20	
-L-	138+50	194+00	CL		18650.22
-L-	194+00	197+50	LT	1,095.37	
-L-	201+50	203+00	LT	494.54	
-L-	203+00	216+00	CL		4595.55
-L-	216+00	222+50	LT	2,007.38	
-L-	222+50	281+50	CL		16464.26
-L-	281+50	288+00	RT	1,736.79	
-L-	288+00	313+50	CL		7001.56
-L-	313+50	322+50	RT	1,706.87	
-L-	322+50	383+50	CL		17196.37
-L-	383+50	387+50	RT	873.91	
-L-	387+50	416+00	CL		9072.47
-L-	416+00	423+50	RT	2,174.32	
-L-	423+50	426+00	CL		758.28
-L-	426+00	429+00	RT	839.12	
-L-	429+00	451+00	CL		5938.49
-L-	451+00	453+00	RT	557.40	
-L-	455+50	456+50	RT	262.00	
-L-	456+50	480+00	CL		6520.25
-L-	480+00	482+50	RT	678.73	
-L-	484+00	485+50	RT	399.31	
-L-	485+50	490+50	CL		1339.51
-L-	490+50	496+00	RT	1,474.27	
-L-	496+00	517+00	CL		6733.33
-L-	517+00	522+00	RT	1,311.52	
-L-	522+00	544+00	CL		6893.54
-L-	544+00	549+00	RT	131.57	
-L-	549+00	553+50	CL		1497.81
-L-	553+50	568+50	MED	3,327.81	

LINE	STATION	STATION	LOCATION	ASPHALT	ASPHALT	
				REMOVAL	BREAKUP	
				YD ²	YD ²	
-Y1-	10+50	12+80	RT	36.00		
-Y2-	15+00	17+80	RT	1,207.10		
-Y3-	10+50	12+00	MED	381.28		
-Y4-	17+75	18+25	CL	122.22		
-Y4-	18+25	20+40	CL		1023.13	
-Y5-	12+75	15+89	MED	1,119.09		
-Y6-	18+20	20+16	RT	346.46		
-Y6-	21+50	23+95	LT & RT	716.65		
-Y7-	18+15	20+85	LT	677.24		
-Y7-	20+78	21+40	LT		745.03	
-Y8-	10+60	11+60	CL		695.00	
-Y8-	11+60	13+75	LT&RT	331.02		
-Y9-	10+60	11+50	CL		197.35	
-Y9-	11+50	12+00	CL	103.40		
-Y10-	13+50	14+60	CL	544.95		
-Y11-	11+50	11+95	CL	90.77		
-Y11-	11+95	12+75	CL		199.21	
TEMPORARY PAVEMENT REMOVAL						
-TEMP1-	11+01	15+37	CL	342.22		
-TEMP3-	11+30	17+63	LT	631.01		
-TEMP4-	10+60	17+14	CL	773.45		
-TEMP14-	13+06	19+76	CL	727.69		
-TEMP16-	10+00	17+95	CL	748.97		
-TEMP17-	11+30	20+18	CL	1,114.55		
-TEMP20-	12+40	16+64	CL	378.53		
TEMPORARY PAVEMENT FROM TMP PLANS						
-L- RT	36+60	52+26		1,357.92		
-L- LT	66+58	72+46		180.90		
-L- RT	226+74	232+31		195.26		
-L- LT	466+35	478+27		1,604.85		
-L- LT	508+75	514+06		140.11		
				TOTAL	42,434.91	136,000.23
				SAY	42,440.00	136,010.00

8/17/09

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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GUARDRAIL SUMMARY

ALN.	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS					REMOVE EXISTING GR	REMARKS			
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPR. END	TRAIL. END			APPROACH END	TRAILING END	APPR. END	TRAIL. END	B-77	CAT-1	GREU TL-2	GREU TL-3	AT-1					
-L-	66+70.61	69+14.36	RT	243.75	56.25		68+66.83		10	13														
-L-	153+73.77	156+34.14	RT	260.37			156+34.14		8	11	50			1						1				
-L-	153+67.75	156+28.12	MED RT	260.37			156+28.12		4	7	50			1						1				
-L-	198+43.50	200+54.81	RT	231.25	12.50			200+22.35	9	12	50			1						1	1			
-L-	303+13.75	306+20.00	MED RT	306.25				306+00.00	6	9	50			1			1			1				
-L-	343+24.50	346+30.75	RT	306.25			345+93.67		10	13	50			1			1			1				
-L-	362+81.25	368+00.00	RT	518.75	56.25		365+32.31		10	13						1					1			
-L-	368+43.75	371+26.50	RT	282.75				370+00.00	10	13	50			1			1			1				
-L-	69+30.00	72+36.25	LT	306.25			69+78.07		10	13		50			1		1			1				
-L-	156+75.15	157+61.03	LT	122.88	37.50				7	10		25			0.5			1						
-L-	156+81.56	159+41.93	MED LT	260.37			156+81.56		4	7		50			1					1				
-L-	305+81.00	308+87.25	MED LT	306.25				306+00.00	6	9		50			1			1		1				
-L-	345+32.00	348+38.25	LT	306.25			345+69.69		10	13		50			1					1				
-L-	365+68.00	371+86.75	LT	618.75			370+50.00		10	13		50			1					1				
-L-	154+27.90	157+76.46	EX BRIDGE																				584.8	
SUBTOTAL:				4,330.49	162.50												4	9	1	11	3	584.8		
ANCHOR UNIT DEDUCTIONS:																								
B-77 4 @ 22.875' Each				-91.50																				
TL-2 1 @ 50' Each				-50.00																				
TL-3 11 @ 50' Each				-550.00																				
CAT-1 9 @ 6.25' Each				-6.25																				
AT-1 3 @ 6.25' Each					-18.75																			
LESS GUARDRAIL DEDUCTIONS:				3,632.74	143.75																			
PROJECT TOTAL:				3,637.50	150.00												4	9	1	11	3	584.8		

TEMPORARY GUARDRAIL SUMMARY

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS					REMOVE EXISTING GR	REMARKS			
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	B-77	CAT-1	GREU TL-2	GREU TL-3	AT-1							
-L-	66+68.00	73+30.50	LT	662.50			69+53.68		2	5	50	50	1	1						2				
-L-	153+23.25	155+92.00	LT	268.75			155+92.00		4	7		50			1					1				
-L-	153+23.25	155+96.75	MED LT	273.50			155+96.75		2	5		50			1	1				1				
-TEMP4-	10+00.00	11+56.25	RT	156.25			10+00.00		2	5		50			1	1				1				
-L-	249+55.00	253+55.00	MED RT	400.00			251+76.03	252+45.22	2	5	50	50	1	1						2				
-L-	364+34.00	379+34.00	MED RT	1500.00			365+72.06		2	5	50	50	1	1						2				
-L-	495+44.00	500+44.00	MED RT	500.00			498+76.12	496+53.26	2	5	50	50	1	1						2				
SHEET 1 TOTALS				3761.00	0.00											3	0	0	11	0				
LESS ANCHOR DEDUCTIONS																								
				QUANTITY	LF PER EA	TOTAL LF																		
GREU TL-3				11.00	50	550.00																		
B-77				3.00	22.875	68.63																		
CAT-1				9.00	6.25	56.25																		
AT-1				3.00	6.25	18.75																		
GREU TL-2				1.00	50	50.00																		
TOTAL TEMPORARY GUARDRAIL (LF)				3025.00	0.00	0										3	0	0	11	0				
TOTAL GUARDRAIL (LF)				6662.50	150.00	0.00										7.00	9.00	1.00	22.00	3.00		584.77		
SAY (LF)				6662.50	150.00											10.00	9.00	1.00	33.00	3.00		584.77		

8/17/09
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

WOVEN WIRE FENCE SUMMARY

STATION TO STATION	LT. OR RT.	A FABRIC L.F.	B END BRACE	C CORNER BRACE	D LINE BRACE	E 4" POSTS	F 5" POSTS
7+75 to 8+70	LT.	92.27	2			4	4
7+83 to 9+10	RT.	130.18	2		1	6	7
9+30 to 14+76	LT.	596.20	2	2	1	36	13
9+70 to 14+80	RT.	511.04	2	3	1	28	16
15+40 to 16+20	RT.	79.23	2			4	4
16+80 to 23+00	RT.	672.38	2	4	1	38	19
15+39 to 16+60	LT.	203.17	2	2		9	10
17+30 to 19+70	LT.	255.63	2	2		13	10
20+30 to 22+95	LT.	268.58	2			17	4
24+60 to 26+65	LT.	209.27	2		1	11	7
25+45 to 28+00	RT.	253.09	2			16	4
27+25 to 29+50	LT.	234.13	2			15	4
30+11 to 36+95	LT.	676.37	2		2	43	10
28+00 to 30+00	RT.	130.26	2			7	4
30+50 to 31+80	RT.	125.00	2			7	4
33+75 to 34+90	RT.	114.99	2			6	4
23+60 to 24+85	RT.	123.67	2			7	4
37+55 to 46+80	LT.	948.71	2	4	1	57	19
38+60 to 41+05	RT.	241.41	2			15	4
41+65 to 54+15	RT.	1,285.39	2	2	3	81	19
55+04 to 60+85	LT.	684.86	2	1	1	43	10
56+15 to 60+65	RT.	450.00	2		1	28	7
61+45 to 64+50	LT.	305.33	2		1	18	7
63+30 to 65+95	RT.	262.46	2			17	4
65+10 to 69+40	LT.	469.13	2	1	1	28	10
66+55 to 68+67	RT.	214.44	2	1		12	7
69+78 to 76+95	LT.	724.57	2	1	2	45	13
69+15 to 70+00	RT.	96.94	2	1		3	7
70+25 to 72+10	RT.	150.00	2			9	4
73+70 to 77+55	RT.	385.00	2		1	24	7
79+55 to 92+85	LT.	1,330.00	2		4	86	16
87+85 to 91+35	RT.	350.00	2		1	21	7
SHEET 1 SUBTOTAL		12,573.70				752	269

STATION TO STATION	LT. OR RT.	A FABRIC L.F.	B END BRACE	C CORNER BRACE	D LINE BRACE	E 4" POSTS	F 5" POSTS
92+60 to 94+60	RT.	180.00	2			11	4
93+45 to 97+00	LT.	355.04	2		1	22	7
96+70 to 98+45	RT.	175.95	2	1		9	7
97+60 to 105+90	LT.	835.80	2	4	1	49	19
101+59 to 102+70	RT.	112.34	2			6	4
103+30 to 108+90	RT.	602.49	2	3	1	34	16
108+85 to 114+45	LT.	560.00	2		1	36	7
109+50 to 114+20	RT.	497.36	2	2	1	28	13
114+80 to 125+40	RT.	1,060.00	2		3	69	13
115+05 to 125+45	LT.	1,040.00	2		3	67	13
126+05 to 140+50	LT.	1,445.00	2		4	95	16
129+95 to 132+77	RT.	345.43	2	1		21	7
133+60 to 138+70	RT.	562.28	2	1	1	35	10
139+30 to 156+45	RT.	1,778.25	2	3	4	113	25
142+05 to 153+40	LT.	380.88	2	2		22	10
153+98 to 156+16	LT.	1,038.23	2	1	3	65	16
156+66 to 157+74	LT.	263.13	2	2		13	10
156+95 to 166+45	RT.	973.87	2	1	3	61	16
158+27 to 164+90	LT.	745.53	2	1	2	46	13
165+56 to 167+25	LT.	169.19	2			10	4
167+05 to 186+55	RT.	1,981.59	2	1	5	130	22
167+85 to 170+80	LT.	349.59	2	4		16	16
172+50 to 175+90	LT.	339.57	2		1	20	7
178+00 to 182+85	LT.	504.60	2	2		31	10
183+45 to 184+93	LT.	148.00	2			8	4
185+53 to 191+80	LT.	627.00	2		2	39	10
187+15 to 195+60	RT.	864.21	2	2	2	53	16
192+40 to 200+48	LT.	906.29	2	2	2	56	16
196+20 to 201+16	RT.	529.04	2	2	1	31	13
201+11 to 206+10	LT.	582.23	2	2	1	35	13
201+65 to 225+95	RT.	2,491.98	2	3	7	159	34
206+70 to 223+90	LT.	1,758.45	2	3	4	112	25
SHEET 2 SUBTOTAL		24,203.32				1,502.52	416.00
SUBTOTAL		36,777				2,255	685

STATION TO STATION	LT. OR RT.	A FABRIC L.F.	B END BRACE	C CORNER BRACE	D LINE BRACE	E 4" POSTS	F 5" POSTS
224+50 to 245+75	LT.	2,114.47	2			7	137
226+55 to 231+35	RT.	485.28	2			1	31
231+95 to 239+40	RT.	748.20	2			2	48
240+00 to 242+10	RT.	208.68	2				13
242+71 to 244+20	RT.	148.68	2				8
246+35 to 253+80	LT.	767.63	2	2	2	46	16
244+80 to 255+35	RT.	1,071.00	2	3	2	66	19
254+40 to 259+15	LT.	470.44	2		1	30	7
255+95 to 257+75	RT.	151.62	2			9	4
258+35 to 272+30	RT.	1,426.18	2		4	93	16
259+75 to 262+00	LT.	220.05	2			14	4
262+60 to 264+90	LT.	223.18	2			14	4
267+95 to 275+00	LT.	689.49	2		2	44	10
272+90 to 276+70	RT.	390.40	2		1	24	7
272+90 to 282+30	RT.	415.00	2		1	26	7
275+60 to 278+30	LT.	268.83	2			17	4
278+90 to 288+80	LT.	1,010.69	2	2	2	63	16
282+90 to 288+80	RT.	590.00	2		1	38	7
289+40 to 294+95	LT.	553.18	2		1	36	7
289+40 to 299+85	RT.	1,066.18	2	2	2	67	16
295+55 to 306+10	LT.	1,038.42	2		3	67	13
300+45 to 302+65	RT.	223.46	2			14	4
303+25 to 310+25	RT.	705.81	2		2	45	10
306+70 to 316+00	LT.	940.18	2	4	2	55	22
311+50 to 315+50	RT.	400.48	2		1	25	7
316+10 to 319+00	RT.	153.41	2			9	4
316+60 to 319+10	LT.	244.50	2			15	4
319+60 to 329+55	RT.	1,001.96	2		3	64	13
322+50 to 328+25	LT.	464.44	2		1	29	7
330+87 to 332+70	RT.	175.46	2			10	4
333+30 to 337+05	RT.	366.38	2	2		21	10
337+65 to 339+10	RT.	144.97	2			8	4
SHEET 3 SUBTOTAL		18,878.65				1,187.90	296.00
SUBTOTAL		55,656				3,443	981

STATION TO STATION	LT. OR RT.	A FABRIC L.F.	B END BRACE	C CORNER BRACE	D LINE BRACE	E 4" POSTS	F 5" POSTS
330+95 to 338+40	LT.	808.57	2	2	2	49	16
339+70 to 345+94	RT.	645.66	2	1	1	41	10
339+00 to 345+32	LT.	647.91	2	1	2	39	13
345+70 to 353+30	LT.	804.98	2	1	2	50	13
346+38 to 348+60	RT.	222.35	2	1		12	7
349+20 to 362+35	RT.	1,299.67	2		4	84	16
354+55 to 361+90	LT.	728.35	2		2	47	10
362+95 to 365+50	RT.	265.77	2	1		15	7
364+25 to 365+86	LT.	154.56	2	1		7	7
365+72 to 368+05	RT.	265.03	2	1		15	7
366+09 to 371+75	LT.	517.22	2	1	1	32	10
368+65 to 372+20	RT.	369.60	2		1	23	7
372+35 to 374+75	LT.	131.25	2			7	4
372+80 to 373+70	RT.	88.84	2			4	4
374+30 to 385+25	RT.	1,080.84	2		3	70	13
375+35 to 379+25	LT.	536.41	2	2	1	31	13
379+85 to 387+15	LT.	728.61	2		2	47	10
387+40 to 23+06	RT.	381.28	2	1		23	7
387+76 to 389+41	LT.	172.71	2	1		9	7
389+93 to 394+45	RT.	470.47	2	1	1	28	10
390+01 to 395+20	LT.	525.22	2	1	1	32	10
395+81 to 399+25	LT.	343.92	2		1	21	7
399+85 to 402+95	LT.	310.02	2		1	18	7
400+50 to 405+35	RT.	484.61	2		1	31	7
406+00 to 413+35	RT.	734.61	2		2	47	10
403+55 to 405+60	LT.	205.00	2			13	4
406+20 to 412+60	LT.	670.48	2	2	1	41	13
413+20 to 420+50	LT.	734.68	2		2	47	10
413+95 to 435+35	RT.	2,149.56	2		7	140	25
424+00 to 424+85	LT.	85.00	2			4	4
425+45 to 427+22	LT.	177.00	2			11	4
427+82 to 442+10	LT.	1,444.98	2	3	3	91	22
SHEET 4 SUBTOTAL		18,185.16				1,128.51	314.00
SUBTOTAL		73,841				4,571	1,295

STATION TO STATION	LT. OR RT.	A FABRIC L.F.	B END BRACE	C CORNER BRACE	D LINE BRACE	E 4" POSTS	F 5" POSTS
438+00 to 445+10	RT.	735.43	2	2	2	44	16
443+75 to 447+25	LT.	350.00	2		1	21	7
447+59 to 465+45	RT.	1,780.83	2		5	117	19
447+85 to 450+80	LT.	296.53	2			19	4
452+05 to 461+79	LT.	232.94	2			14	4
454+30 to 461+79	LT.	749.68	2		2	48	10
464+50 to 470+45	LT.	531.78	2		1	34	7
466+05 to 469+90	RT.	384.44	2		1	24	7
471+05 to 471+85	LT.	417.73	2		1	26	7
472+45 to 481+05	LT.	562.63	2		1	36	7
474+10 to 491+35	RT.	1,700.27	2	3	4	108	25
481+65 to 497+71	LT.	1,351.18	2	3	3	85	22
491+95 to 497+00	RT.	505.00	2		1	32	7
497+60 to 500+63	RT.	336.89	2	1		20	7
498+16 to 502+35	LT.	480.00	2	1		31	7
501+15 to 508+80	RT.	694.28	2	1	2	43	13
503+60 to 507+00	LT.	339.74	2		1	20	7
507+60 to 514+00	LT.	666.04	2	3	1	39	16
509+40 to 512+70	RT.	324.55	2	2		18	10
513+30 to 518+90	RT.	569.40	2		1	37	7
516+05 to 526+35	LT.	1,021.14	2		3	66	13
519+50 to 523+96	RT.	502.63	2	1	1	30	10
524+57 to 530+10	RT.	720.19	2	1	1	46	10
526+95 to 534+17	LT.	821.38	2	2	2	50	16
533+95 to 550+60	RT.	1,669.93	2	2	5	106	25
534+65 to 535+65	LT.	182.84	2	2		8	10
536+25 to 550+25	LT.	1,426.41	2	2	4	90	22

8/17/19

COMPUTED BY: A. Bozorgi DATE: 11/5/2018
 CHECKED BY: M. Snyder DATE: 11/5/2018

PROJECT REFERENCE NO. R-2511 SHEET NO. 36-1

(5-15-18)

STATE OF NORTH CAROLINA

DIVISION OF HIGHWAYS

SUMMARY OF SUBSURFACE DRAINAGE					
LINE	Station	Station	Location LT/RT/CL	Drain Type* UD/BD/SD	LF
CONTINGENCY				SD	4000
				TOTAL LF:	4000

*UD = Underdrain
 *BD = Blind Drain
 *SD = Subsurface Drain

SUMMARY OF SETTLEMENT GAUGES				
Gauge No.	LINE and Station	Offset		
		Distance FT	Direction LT/RT	
1	L 154+50	20	LT	
2	L 154+50	55	LT	
3	L 155+95	20	LT	
4	L 155+90	55	LT	
5	L 157+05	20	LT	
6	L 157+00	55	LT	
7	L 156+00	20	RT	
8	L 156+05	55	RT	
9	L 157+15	20	RT	
10	L 157+20	55	RT	
TOTAL GAUGES (EACH):			10	

SUMMARY OF AGGREGATE SUBGRADE/STABILIZATION										
LINE	Station	Station	Aggregate Type* ASU/AST	Aggregate Thickness INCHES	Shallow Undercut CY	Class IV Subgrade Stabilization TONS	Geotextile for Soil Stabilization SY	Stabilizer Aggregate TONS	Class IV Aggregate Stabilization TONS	
-L-	7+75	13+00	ASU	12	240	460	720			
-L-	198+75	201+75	ASU	12	390	740	1170			
-L-	334+25	335+25	ASU	12	50	95	150			
-Y1-	10+75	13+25	ASU	12	55	105	165			
-Y3-	10+75	11+25	ASU	12	10	20	30			
-Y4-	17+00	18+25	ASU	12	25	50	75			
-Y5-	12+00	13+25	ASU	12	50	95	150			
-Y5-	13+75	14+50	ASU	12	80	155	240			
-Y5-	16+50	18+40	ASU	12	100	190	300			
CONTINGENCY			ASU	12	500	950	1500			
					TOTAL CY/TONS/SY:	1500	2860**	4500**	0	0

*ASU = Aggregate Subgrade
 *AST = Aggregate Stabilization
 **Total tons of "Class IV Subgrade Stabilization" and total square yards of "Geotextile for Soil Stabilization" are only the estimated quantities for ASU/AST and may only represent a portion of the subgrade stabilization and geotextile quantities shown in the Item Sheets of the Proposal.

SUMMARY OF BRIDGE WAITING PERIODS		
Bridge Description	End Bent/ Bent No.	MONTHS
LEFT LANE BRIDGE ON US 17 OVER GUM SWAMP CREEK BETWEEN SR 1421 AND SR 1420	EB1	6
LEFT LANE BRIDGE ON US 17 OVER GUM SWAMP CREEK BETWEEN SR 1421 AND SR 1420	EB2	6
RIGHT LANE BRIDGE ON US 17 OVER GUM SWAMP CREEK BETWEEN SR 1421 AND SR 1420	EB1	4
RIGHT LANE BRIDGE ON US 17 OVER GUM SWAMP CREEK BETWEEN SR 1421 AND SR 1420	EB2	4

SUMMARY OF EMBANKMENT WAITING PERIODS			
LINE	Station	Station	MONTHS
-L- (Left Lane)	154+50	157+05	6
-L- (Right Lane)	156+00	157+20	4

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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PARCEL INDEX SHEET

PARCEL No.	SHEET No.	PROPERTY OWNER NAME
1	4	David Lee Lawrence, Jr.
2	4	McDonald Gautier, III, ET AL
3	4 & 5	Roseann Bass
3A	5	North Carolina Department of Transportation
4	4 & 5	Maxwell P. Chesnutt Family Trust
5	4	Christian Bass Toppin
6	5	James A. Biggs, ET UX
8	5	Alameda L. Edwards
9	5 & 6	Arnold Land Holdings, LLC
9A	5	William Harvey Williamson, III, et al
11	5	Robert Peaden, ET UX
12	5	Lou Dora Leggett Thompson
12A	5 & 6	Linda L. Twaddwell
13	5 & 6	Marsha Owens Williamson
14	6	Lou Dora Leggett Thompson
15	6	Harold R. Lilley, ET UX
16	6	Monroe H. Apple, Jr., ETUX
17	6 & 7	Arnold Land Holdings, LLC
18	6	James Albert Warren
19	6 & 7	Don W. Nobles, ET UX
20	7 & 8	Billy J. Arnold, ET UX
22	7	Edward G. Ward Heirs
23	10-Jul	Big Buck Plantation
24	8	George S. Bland, ET AL
25	8	Edward G. Ward Heirs
26	8	Edward G. Ward Heirs
28	8	Alton R. Harris, ET UX
29	8 & 9	Robert J. Alligood, ET UX
32	9	Stepnen L. James, ET UX
33	9	Sam L. Silverthorne, Jr.
36	9	Joseph Spencer, Sr., ET UX
37	9	Ruffin R. Keyes, ET UX
38	9	Nevada Campbell
39	9 & 10	Alexander Smith, Jr., et al Trustees of Divine Truth Holiness Church
40	10	David E. Tyson, Jr.

PARCEL No.	SHEET No.	PROPERTY OWNER NAME
41	10	David E. Tyson III
42	10	David E. Tyson
44A	10	Steve & Sandra Gorham
45	10-14	Big Swamp, LLC
46	10	David Tyson
47	10	Katrevia Renee Rodgers
48	10 & 11	Love Faith Holiness Church
49	10 & 11	Mark Fullerton, ET AL
50	11	James Daniels HRS
51	11	Delphine Chapman, ET AL/Trustees of Cherry Run Ame Zion Church
52	11	Rosa L. Jones, ET VIR
53	11	Steve & Sandra Gorham
54	11 & 12	Robert and Kristie Dunn
55	11 & 12	Steve & Sandra Gorham
56	12	Sandra W. Wynn
58	12	Wiley E. Dunn, III, ET AL
59	12 & 13	Treasure H. Edwards
60	13	Robert Hodges & Elizabeth Hodges
61	13 & 14	Oscar Churchill Hodges, III
62	14, 15, & 16	James L. Hodges, Jr., ET UX
63	14	James L. Hodges, Jr.
65	15	Sandra W. Wynn
66	15	Vickie Doreen Sheppard
67	15	Steven C. Ward
68	15	Alex J. Tyson
68A	15	William V. Ward, ET AI
69	15 & 16	Phillip R. Leggett, ET AL
70	16	Northgate Homes, LLC
72	16	James L. Hodges, Jr.
75	16	Edward L. Hughes, ET UX
76	16, 17 & 18	Oscar Churchill Hodges, III
77	16	James H. Roberson, Jr.
78	16	Helen Katherine Mitchell, ET AL
79	16 & 17	Shanda R. Smallwood, ET VIR
80	17	John A. Wynn, ET UX
81	17	Toby R. Alligood, ET UX
82	17, 18 & 19	James W. Roberson, Jr., ET UX

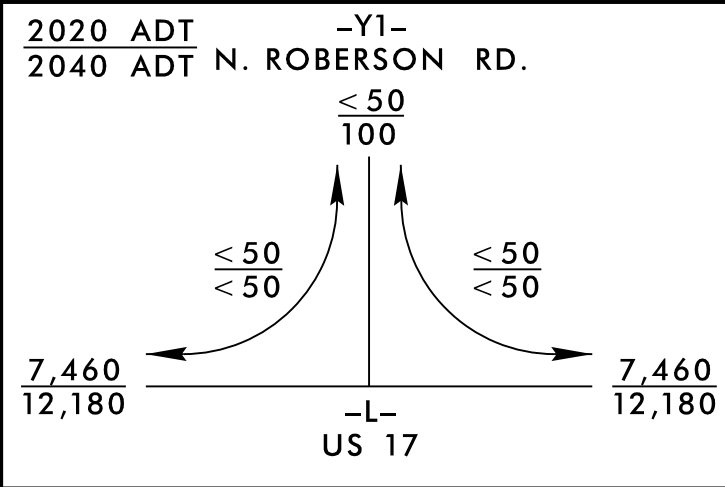
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Sheet 1 of 1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
PARCEL INDEX SHEET

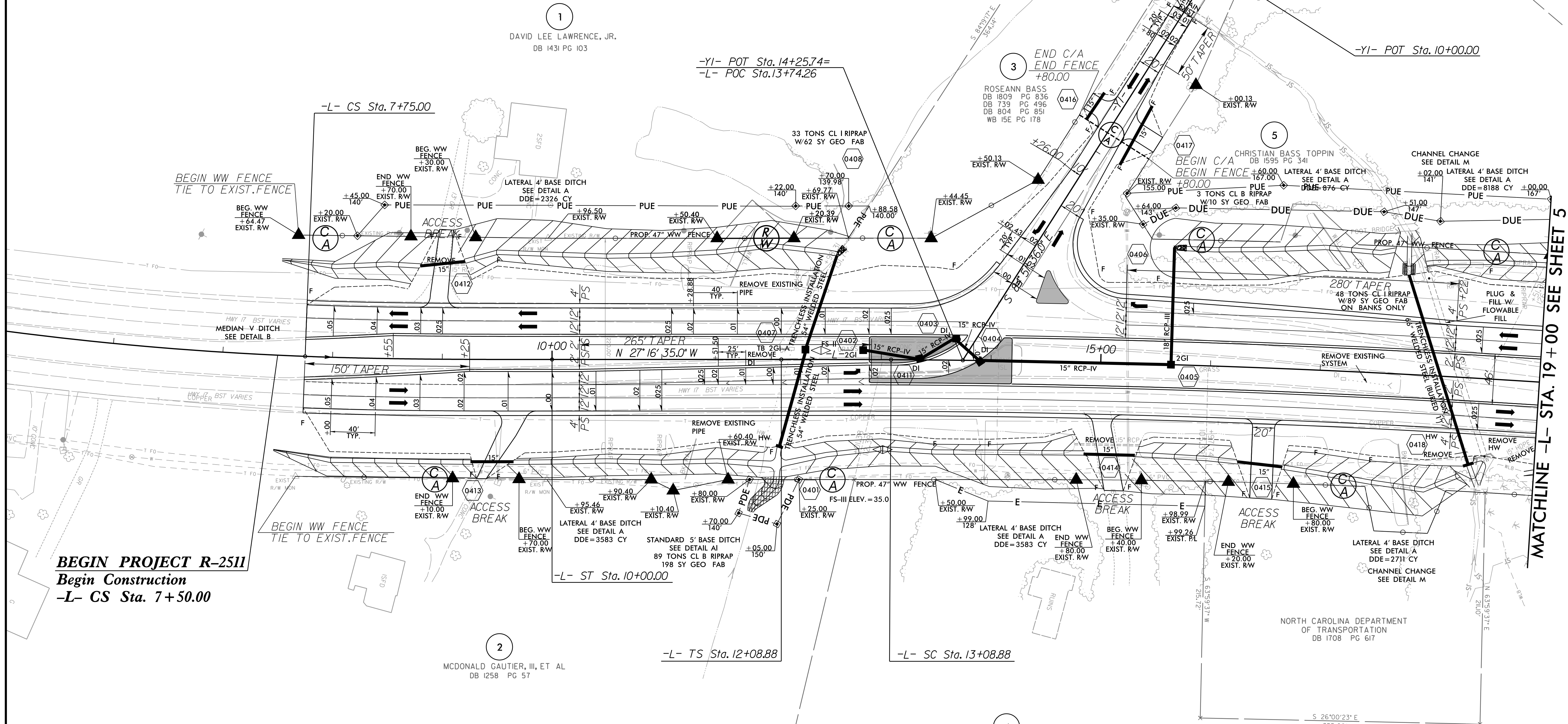
PARCEL No.	SHEET No.	PROPERTY OWNER NAME
161	40	Doris Hardison Coltrain Estate
165	41 & 42	Barbie P. Bonds
167	42	Jasper C. Griffin, Jr.
168	42	Minnie Ange Harrison
169	42	Randy Bright
170	42	Rich and Joyce Gay
171	42 & 43	Thomas Bundy
172	42 & 43	Minnie A. Harrison
173	42 & 43	James C. Guard, Jr., ET UX
175	42,43	Joseph S. Griffin
175A	43	Joseph S. Griffin, Jr.
176	43	J. Comer Griffin
177	43	Joseph S. Griffin
178	43 & 44	Hugh B. Kennedy, ET UX
179	44	Seth & Rachel Perry Farms, LLC
180	44	Shirley L. Fields Trust
181	44	Rondy R. Williams
182	44 & 45	Lee Leavelle
183	45	Martin County Shrine Club
184	45 & 46	Seth & Rachel Perry Farms, LLC
185	46	Calvin James, ET UX
186	46	Isidro Morales Cardonia
187	46	Secure, Inc
187A	46	Josephine H. Manning Heirs
188	46	John Allen Stahl
189	46 & 47	Donald L. Clark
190	46 & 47	Newcomb, Johnny A., ET UX
191	47	Jeri Lou Griffin
192	47	Simon A. Perry III
193	47	David H. Lamb
194	47	Edward F. Cutler and Myrtle C. Johnson
195	47	Charles D. Edmondson
196	47	Jackie L. Hester
197	47	Patricia A. Chesson
198	47	Doris Bonds
199	47	Robert Griffin
200	47	Renee Roberson
201	47	James W. Edmunds

8/17/99

1/11/2022
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cheater



PROJECT REFERENCE NO. R-2511		SHEET NO. 4	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



BEGIN PROJECT R-2511
Begin Construction
-L- CS Sta. 7+50.00

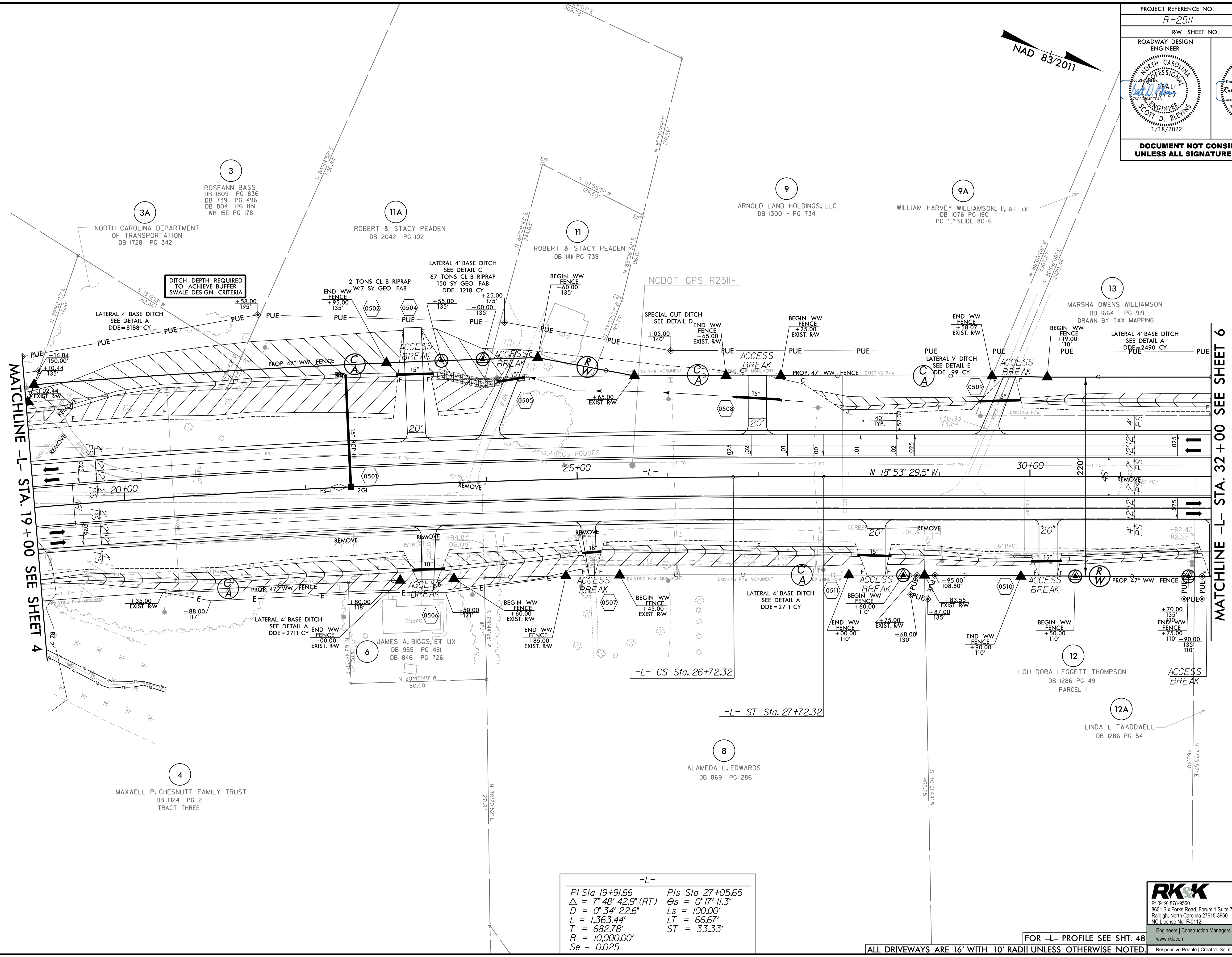
MATCHLINE -L- STA. 19+00 SEE SHEET 5

-L-			
PI Sta 4+41.63	PIs Sta 8+50.01	PIs Sta 12+75.55	PI Sta 19+91.66
$\Delta = 12' 57' 40.5''$ (LT)	$\Theta_s = 2' 10' 39.5''$	$\Theta_s = 0' 17' 11.3''$	$\Delta = 7' 48' 42.9''$ (RT)
$D = 1' 56' 08.4''$	$L_s = 225.00'$	$L_s = 100.00'$	$D = 0' 34' 22.6''$
$L = 669.60'$	$LT = 150.01'$	$LT = 66.67'$	$L = 1.363.44'$
$T = 336.24'$	$ST = 75.01'$	$ST = 33.33'$	$T = 682.78'$
$R = 2,960.00'$			$R = 10,000.00'$
$Se = 0.05$			$Se = 0.025$

FOR -L- PROFILE SEE SHT. 48
FOR -Y1- PROFILE SEE SHT. 69
FOR -Y1- INTERSECTION DETAIL SEE SHT. 2B-3
ALL DRIVEWAYS ARE 16' WITH 10' RADII UNLESS OTHERWISE NOTED.

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2/4/2022

PROJECT REFERENCE NO. R-2511	SHEET NO. 5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER SCOTT D. BLEVINS 1/18/2022	HYDRAULICS ENGINEER ROBERT B. HUSKEY 1/18/2022
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



MATCHLINE -L- STA. 19+00 SEE SHEET 4

MATCHLINE -L- STA. 32+00 SEE SHEET 6

-L-

PI Sta 19+91.66	PIs Sta 27+05.65
$\Delta = 7^{\circ} 48' 42.9''$ (RT)	$\Theta_s = 0^{\circ} 17' 11.3''$
$D = 0^{\circ} 34' 22.6''$	$L_s = 100.00'$
$L = 1,363.44'$	$LT = 66.67'$
$T = 682.78'$	$ST = 33.33'$
$R = 10,000.00'$	
$Se = 0.025$	

FOR -L- PROFILE SEE SHT. 48

ALL DRIVEWAYS ARE 16' WITH 10' RADII UNLESS OTHERWISE NOTED.

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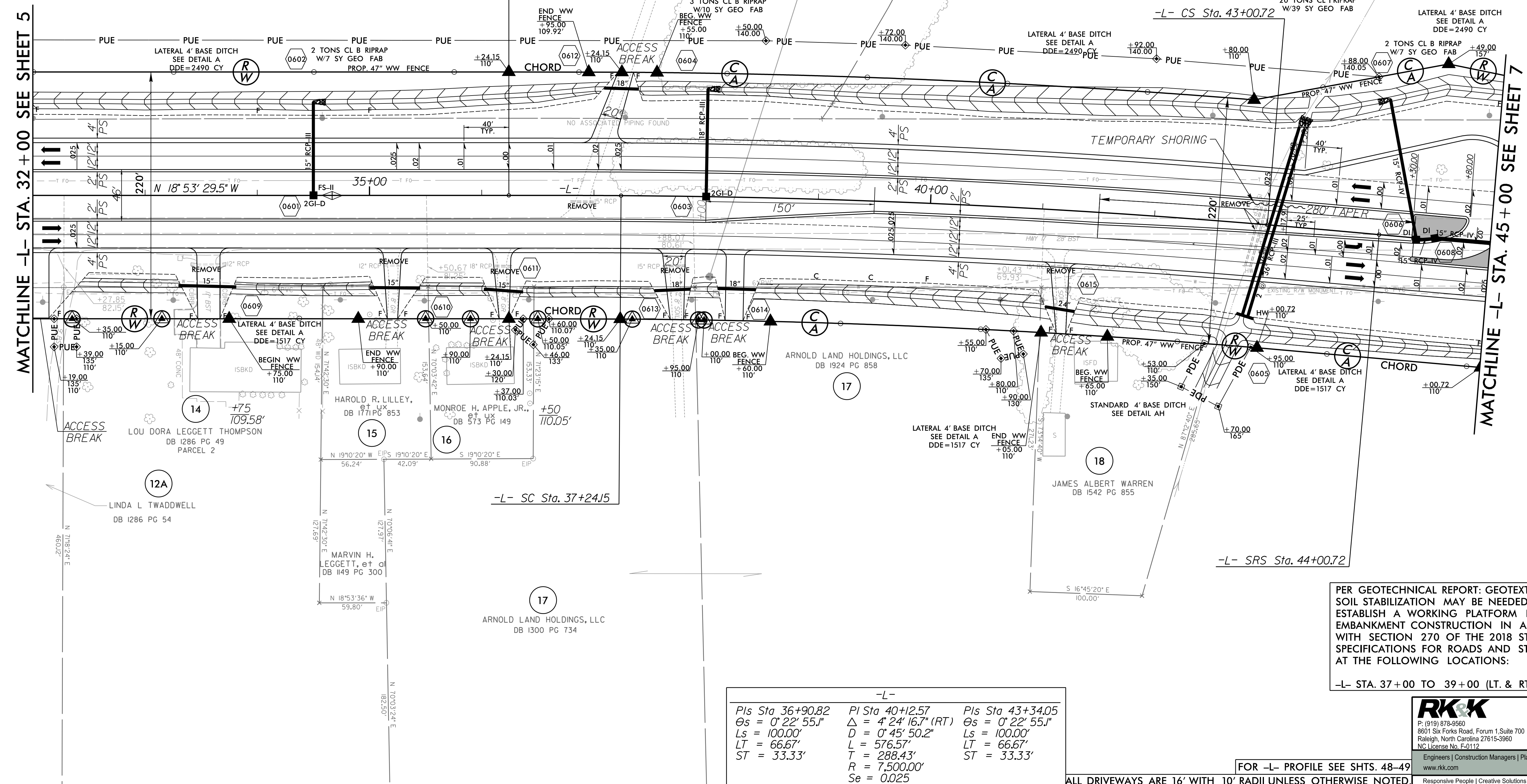


13

MARSHA OWENS WILLIAMSON
DB 1664 - PG 919
DRAWN BY TAX MAPPING

19

DON W. NOBLES, et ux
DB 1226 PG 513
DRAWN BY TAX MAPPING



PER GEOTECHNICAL REPORT: GEOTEXTILE FOR SOIL STABILIZATION MAY BE NEEDED TO ESTABLISH A WORKING PLATFORM FOR EMBANKMENT CONSTRUCTION IN ACCORDANCE WITH SECTION 270 OF THE 2018 STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES AT THE FOLLOWING LOCATIONS:

-L- STA. 37+00 TO 39+00 (LT. & RT.)

-L-		
Pls Sta 36+90.82	PI Sta 40+12.57	Pls Sta 43+34.05
$\Theta_s = 0^\circ 22' 55.1''$	$\Delta = 4^\circ 24' 16.7''$ (RT)	$\Theta_s = 0^\circ 22' 55.1''$
$L_s = 100.00'$	$D = 0^\circ 45' 50.2''$	$L_s = 100.00'$
$LT = 66.67'$	$L = 576.57'$	$LT = 66.67'$
$ST = 33.33'$	$T = 288.43'$	$ST = 33.33'$
	$R = 7,500.00'$	
	$Se = 0.025$	

FOR -L- PROFILE SEE SHTS. 48-49

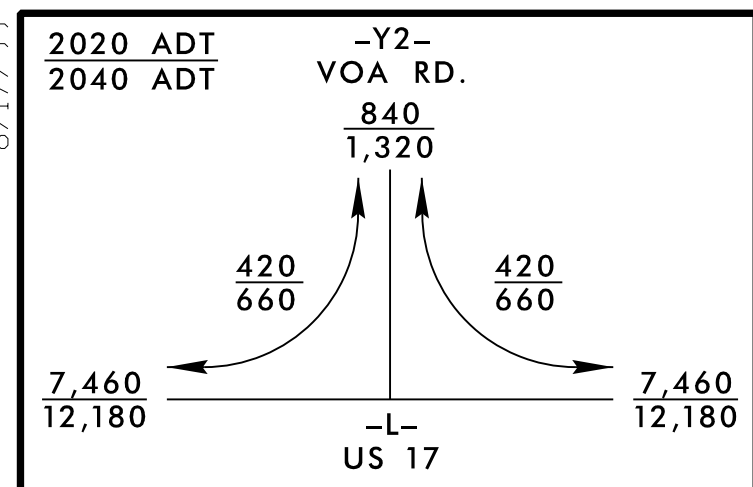
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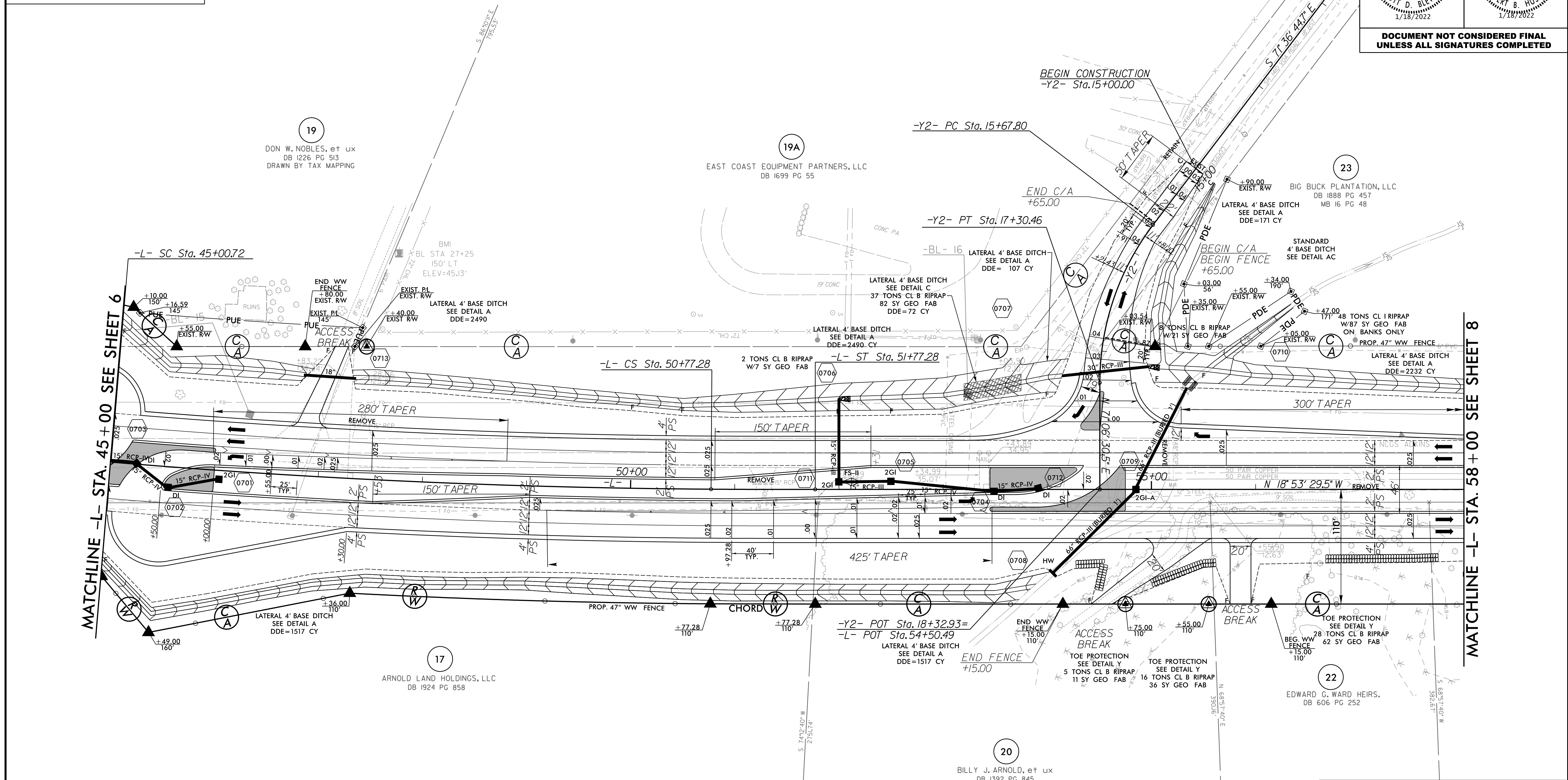
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PROJECT REFERENCE NO. R-2511	SHEET NO. 7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



MATCHLINE -L- STA. 45+00 SEE SHEET 6

MATCHLINE -L- STA. 58+00 SEE SHEET 8

-L-		-Y2-	
PIs Sta 44+67.38	PI Sta 47+89.14	PIs Sta 51+10.62	PI Sta 16+52.13
Os = 0° 22' 55.1"	Δ = 4° 24' 16.7" (LT)	Os = 0° 22' 55.1"	Δ = 37° 16' 44.8" (LT)
Ls = 100.00'	D = 0° 45' 50.2"	Ls = 100.00'	D = 22° 55' 05.9"
LT = 66.67'	L = 576.57'	LT = 66.67'	L = 162.66'
ST = 33.33'	T = 288.43'	ST = 33.33'	T = 84.33'
	R = 7,500.00'		R = 250.00'
	Se = 0.025		Se = 0.04

PER GEOTECHNICAL REPORT: GEOTEXTILE FOR SOIL STABILIZATION MAY BE NEEDED TO ESTABLISH A WORKING PLATFORM FOR EMBANKMENT CONSTRUCTION IN ACCORDANCE WITH SECTION 270 OF THE 2018 STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES AT THE FOLLOWING LOCATIONS:
-L- STA. 53+00 TO 57+00 (LT. & RT.)

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FOR -L- PROFILE SEE SHT. 49
FOR -Y2- PROFILE SEE SHT. 61
FOR -Y2- INTERSECTION DETAIL SEE SHT. 2B-4

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