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STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

PARCEL INDEX

PARCEL NO.	SHEET NO.	PROPERTY OWNER NAME
1	4B & 4	RAY JOHNSON
2	4	ZARKO JOHNSON
8	4	SIMPSON & SIMPSON II
9	4	RAYCONDA PROPERTIES
5	4	JANICE MARIE TYSON
7	4	SPIRIT MASTERS FUNDING III, LLC
10	4	DEBRA NEICE WILLIAMS
11	4	V C CORRELL & WIFE
12	4	SHIRLEY A FONTAINE
20	4 & 5	THOMAS L MANIGO & WIFE
20A	17	WILSON F YARBOROUGH, JR TRUSTEE
21	5	TRINITY UNITED METHODIST CHURCH
21A	17	PEARL W. FAIRCLOTH ET AL
22	5	NORTH CAROLINA NATURAL GAS
22A	17	LI'L THRIFT FOOD MARTS INC
23	5	MURRY EUGENE HODGES, JR & WIFE
23A	17	PAUL INVESTMENTS, LLC
24	4 & 5	FORT SILL NATIONAL BANK
25	5	RAYCONDA PROPERTIES
25A	17	SCP 2007-C27-078, LLC
27	5	EYE MEDICS OPTOMETRIST, PA
27A	17	CIRCLE K STORES, INC.
27B	17 & 18	ALDI (NC), LLC
28	5	PHILLIP R. TAYLOR
28A	18	JANICE BILLINGS
30	5	MCNL ENTERPRISES, LLC
31	5	M & S PIKE, LLC
33	5	DELLAR CLAUDINE CAULDER
34	5	DELLAR C CAULDER
35	5	WALTER E CAULDER & WIFE
41	5	JOHNNY DEAN CAPPS
42	5	BEATRICE GLENN
43	5	GERALD GOODSPEED, JR. HEIRS
44	5 & 6	CYNTHIA HARRIS STEVENS
45	6	PETER A PORRECO & WIFE
46	6	MARLENE ELIZABETH VARGAS
47	6	JOSEPH R WEST & WIFE LINDA M.
48	6	G6 PROPERTIES, LLC
49	6	BILLY C BALDWIN & WIFE
50	6	LOU S HORTON
51	6	OAIHA & GIAU TANG
52	5	FAYETTEVILLE STORAGE 17 NC, LLC
53	5	CUMBERLAND COUNTY
55	6 & 28	CUMBERLAND COUNTY BOARD OF EDUCATION
59	6	MCDONALD'S CORP
60	6 & 7	AOM INVESTMENTS, LLC
61	7	R & W PIZZA HUTS OF NORTH CAROLINA
61A	7 & 34	LAFAYETTE CEMETERY PARK CORP
62	6, 7 & 28	CUMBERLAND COUNTY BOARD OF EDUCATION
63	7 & 34	LAFAYETTE CEMETERY PARK CORP
64	7 & 34	JERNIGAN-WARREN FUNERAL
65	7, 8 & 34	LAFAYETTE CEMETERY PARK CORP
67	8 & 34	RAEFORD ROAD PARTNERS, LLC
68	8	SANDRA K CAIN
69	8	GORDON FRANKLIN CRUMPLER
70	8	M D GILLIS
71	8, 9 & 29	CIRCLE K STORES, INC.
73	8 & 9	WAL-MART REAL ESTATE BUSINESS TRUST
74	29	CAROLINA CONFERENCE OF SEVENTH DAY ADVENTIST, INC.
75	29	CONFERENCE OF CAROLINA
80	29	FIRST SPANISH BAPTIST CHURCH
83	9	FRANCES H ELLIOT, TRUSTEE
84	9	FRANCES H ELLIOT, TRUSTEE
81	29	FIRST SPANISH BAPTIST CHURCH

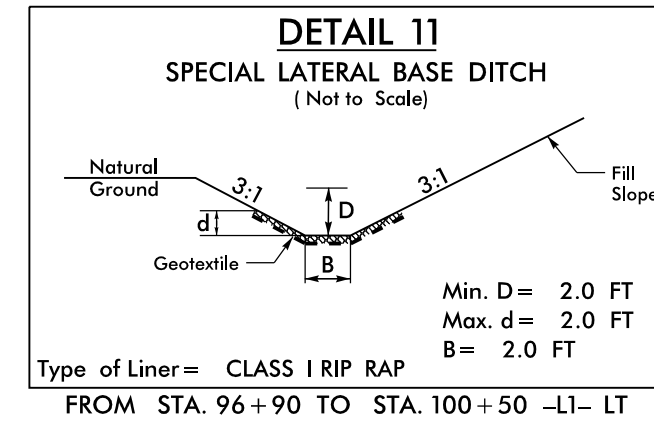
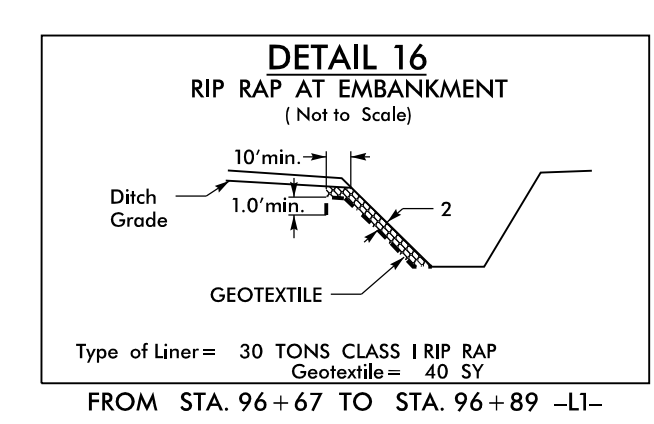
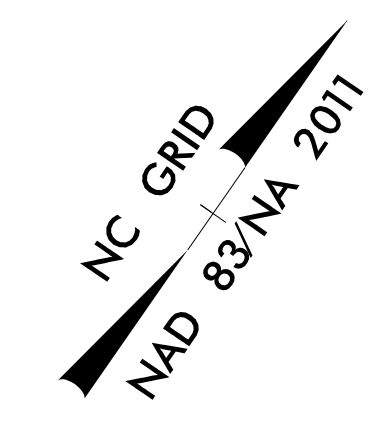
PARCEL INDEX

PARCEL NO.	SHEET NO.	PROPERTY OWNER NAME
85	9	RAEFORD CORPORATE PARK PROPERTY OWNERS ASSOC. INC.
86	9	RAEFORD CROSSING, LLC
87	9	SOUTH COAST PROPERTIES, LLC
88	9	JONATHAN H ELLIOT
89	9	CROSS DEVELOPMENT CC RAEFORD, LLC
90	9 & 10	STEPHEN M. GENTER & WIFE
91	9 & 10	RICHARD WILDER & WIFE ALICE
94	10	VAN METER RENTALS, LLC
95	10	NEW MACEDONIA FREE WILL BAPTIST CHURCH, INC
96	10	NEW MACEDONIA FREE WILL BAPTIST CHURCH, INC
97	10	NEW MACEDONIA FREE WILL BAPTIST CHURCH, INC
98	10	CHRISTINE WALKER HEIRS
100	10	BESSIE BLUE LIFE MOORE
101	10	PETER STEWART ENTERPRISES, INC
103	10	NCDOT
104	10	CONNIE L WILSON PRICE
107	10 & 11	PSP OF FAYETTEVILLE, LLC
109	10 & 11	WOCOLO, LLC
110	11	ROGERS & BREECE INC
111	11	DOHERTY HOLDINGS, LLC
112	11	ALLISON HOLDINGS VII, LLC
116	11	ZP #15, LLC
118	11	ROBERT H JORDAN & WIFE, SUE ANN JONES JORDAN
119	11	M D GILLIS
120	11	DWANE D CLODFELTER
121	11 & 12	SARA WILLIAMS TOLLISON AND JOHN ELWOOD WILLIAMS
124	11 & 12	BILL P PAPPAS & WIFE MARIA G
125	12	R & T INVESTMENTS
126	12	RAYMOND A BASS III & WIFE, LAUREN F. BASS
127	12	CSI PARTNERS, LLC
128	12	B O G, LLC
129	12 & 13	TIME WARNER CABLE SOUTHEAST, LLC
132	12	HAMANN INVESTMENTS, LLC
133	12 & 13	BRUCE K ALLEN
135	13	YONG JIN YU AND WIFE, SUNNY PYON YU
136	13	SKIBO CROSSING, LLC
137	13	CITY OF FAYETTEVILLE
138	13	JALARAM BAPA ENTERPRISES, LLC
139	13	EDWARD C SCHANTZ AND WIFE, RAYMONDE M. SCHANTZ
140	13	JOSEPH E MOLGORA & WIFE
141	13 & 14	BRYANNA COMPANY
142	13	AMERICAN FLAG-RAEFORD ROAD
143	13 & 14	AMERICAN FLAG-RAEFORD ROAD
144	14	TARHEEL TACO, LLC
153	14	LEWIS CHAPEL MISSIONARY
154	14	OLAND B LITTLE
155	14	DAVID A REAVES & WIFE
156	14	WAFFLE HOUSE INC
157	14	SCHULTZ RENTAL, LLC
158	14	D-J's LEASING CORP
163	14	LEWIS CHAPEL MISSIONARY
164	14	WILLIAM D SHERMAN JR
165	14	HEAVERD DOBBS OXENDINE
166	14	RAY JOHNSON
167	14 & 15	WILLIAM D SHERMAN, JR
168	15	RICHARD R ALLEN, JR
169	15	O'REILLY AUTOMOTIVE, INC
171	15	LEWIS CHAPEL MISSIONARY
175	15	CLYDE CULBRETH HEIRS
176	15	LEWIS CHAPEL MISSIONARY
177	15	CAROL OWEN PHILLIPS
179	15	CLARICE EDGE
180	15	LAMONIER BRYANT & WIFE, WILLIE JEAN BRYANT
181	15	JOAN ALLEN JOHNSON

PARCEL INDEX

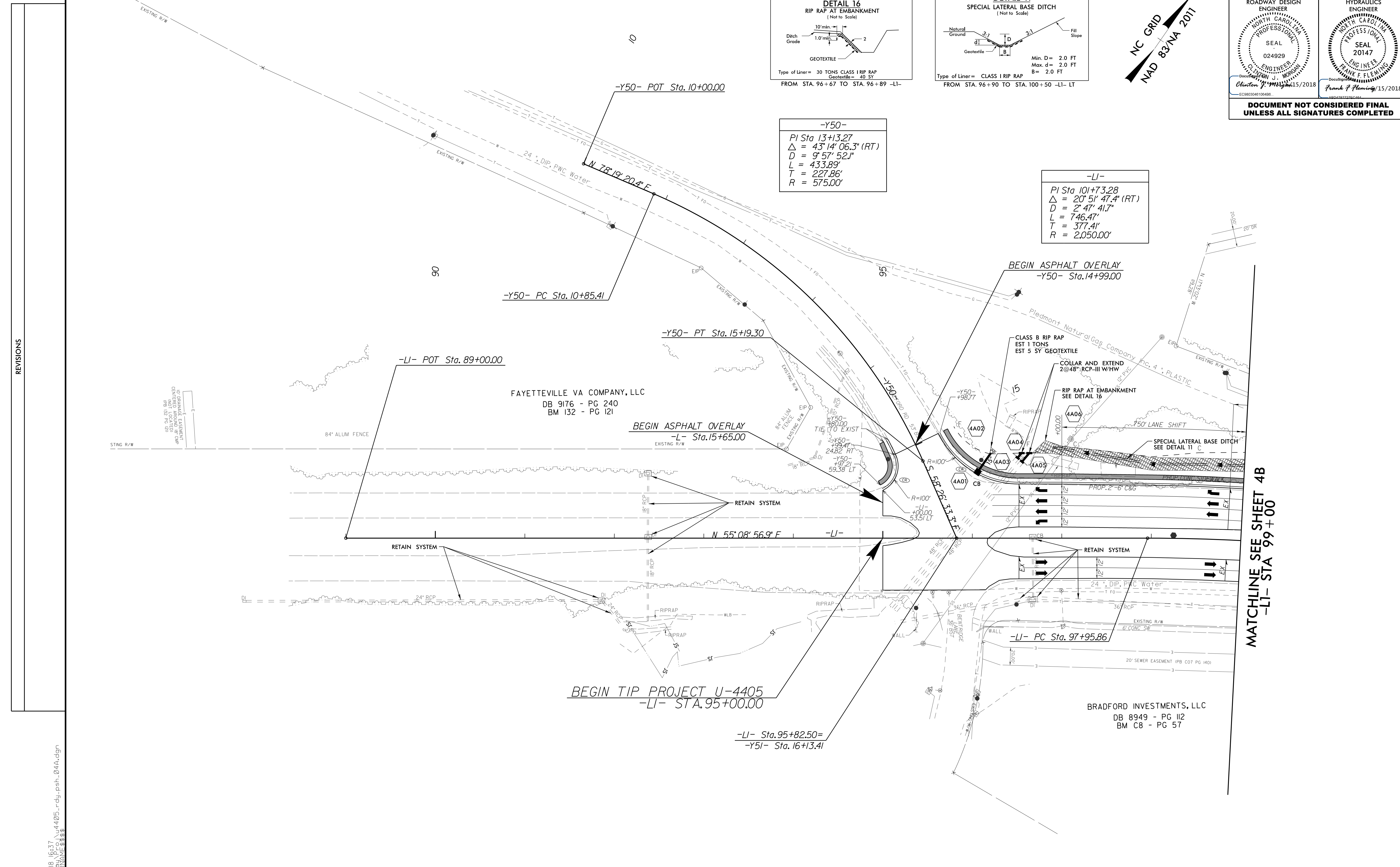
PARCEL NO.	SHEET NO.	PROPERTY OWNER NAME
182	15	WORD OF DELIVERANCE TEMPLE
183	15	HARVEY SCHULTZ
184	15	ROGER R COMPTON & WIFE, VANNA S. COMPTON
185	16	M W AUTO, LLC
186	15	TAE SUN KIM AND WIFE, SARAH J. KIM
187	15	MARVIN WILLIAM SMITH, JR AND WIFE, T. SHIRLEY SMITH
189	16	LILLIAN SPEARS DARBY
190	16	KENNETH C DECKER
191	16	POULOS FAMILY LIMITED
192	16	JOE B. RAYNOR, JR. ESTATE
193	16 & 17	DPGP INVESTMENTS, LLC
195	16	WESLEY C. POWERS AND LAURA POWERS VOORIS
196	16	JOHN SAMUEL ALEXANDER TRUSTEE
197	16	CAROL OWEN PHILLIPS
198	16	JOHN P TAYLOR & WIFE
198A	16	UNKNOWN
199	16 & 17	ELMWOOD HOLDINGS, LLC
201	18	4807 RAEFORD ROAD, LLC
202	18	ANDERSON RAEFORD REAL PROPERTY, LLC
203	18	ANDERSON RAEFORD WF, LLC
204	18 & 19	GOLDEN OF RAEFORD, LLC
205	18	TANDEM INVESTMENTS, LLC
206	18	PATRECE PROPERTIES INC #658
207	18	TRADE LAND COMPANY, LLC
208	18	NLP III, LLC
209	19	DOMINIC MARANGI
212	19	CLAUDE T HALEY, JR & WIFE
213	19	RAEFORD ROAD LIMITED
214	19	4400 RAEFORD ROAD, LLC
215	19	LYNNE B BARRETT
217	19	CUMBERLAND COUNTY BOARD OF EDUCATION
218	19 & 20	ALDERWOODS, INC.
220	19 & 20	RREF II BB-NC, LLC
221	20	IRELAND CROSSING, INC
222	20	IRELAND CROSSING, INC
223	20	IRELAND CROSSING, INC
224	20	IRELAND CROSSING, INC
225	20	IRELAND CROSSING, INC
226	20	JOHN M TEW & WIFE SHIRLEY
227	19 & 20	KENT A VAN BELOIS & WIFE
228	20	NCP FAYETTEVILLE, LLC
229	20 & 21	4104 RAEFORD ROAD, LLC
230	21	HAROLD L GODWIN
232	20 & 21	NEW LOWES CENTER, LLC
233	21	JAMES M PETERS & WIFE
234	21	TUCKER PROPERTIES INVESTMENTS, LLC
235	21	GRACE BAPTIST CHURCH
236	21	McCAULEY & McDONALD INVESTS, INC
237	21	LANDFALL PARTNERS, LLC
238	21	JOHN L CANADY
239	21	JIFFY PROPERTY
240	21	HUFF & PENNINK HOLDINGS, LLC
241	21 & 22	WILLIAMS FAMILY HEIRS, LLC
243	21	LINDA DUKE FARMER
244	21	CUNNINGHAM PROPERTIES OF FAYETTEVILLE
245	21	JAI SRI GANESHA, LLC
246	21	GOOD WILL COMMUNITY FOUNDATION
247	21	DEAN F RUSSELL, JR
248	22	HOLT REAL ESTATE ENTERPRISES
249	23	THE WIENER KING OF CUMBERLAND COUNTY
250	23	TARHEEL TACO, LLC
251	23	JS INVESTMENT HOLDINGS, LLC
252	23	DIANE DEERING
254	23	MASON RAEFORD, LLC

PROJECT REFERENCE NO. U-4405	SHEET NO. 4A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER SEAL 024929 U. L. TAYLOR, J. MORRIS Clinton, NC 28520-1515/2018 EC980304010486	HYDRAULICS ENGINEER SEAL 20147 FRANK FLEMING Frank Fleming/15/2018 AD02923232C464
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



-Y50-
PI Sta 13+13.27
 $\Delta = 43' 14" 06.3" (RT)$
 $D = 9' 57" 52.1"$
 $L = 433.89'$
 $T = 227.86'$
 $R = 575.00'$

-LI-
PI Sta 101+73.28
 $\Delta = 20' 51' 47.4" (RT)$
 $D = 2' 47' 41.7"$
 $L = 746.47'$
 $T = 377.41'$
 $R = 2,050.00'$



REVISIONS

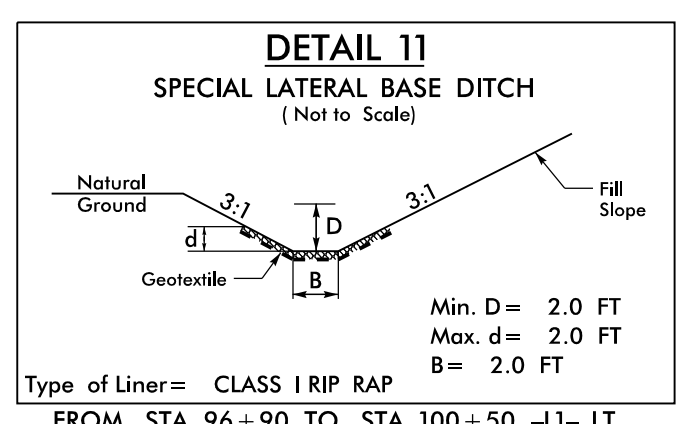
MATCHLINE SEE SHEET 4B
-LI- STA 99+00

PROP CONC SIDEWALK

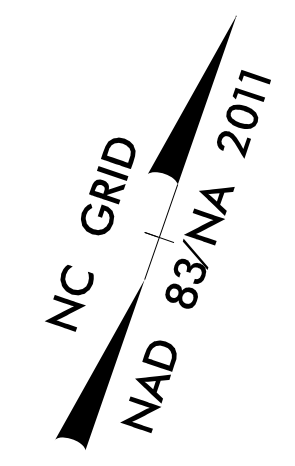
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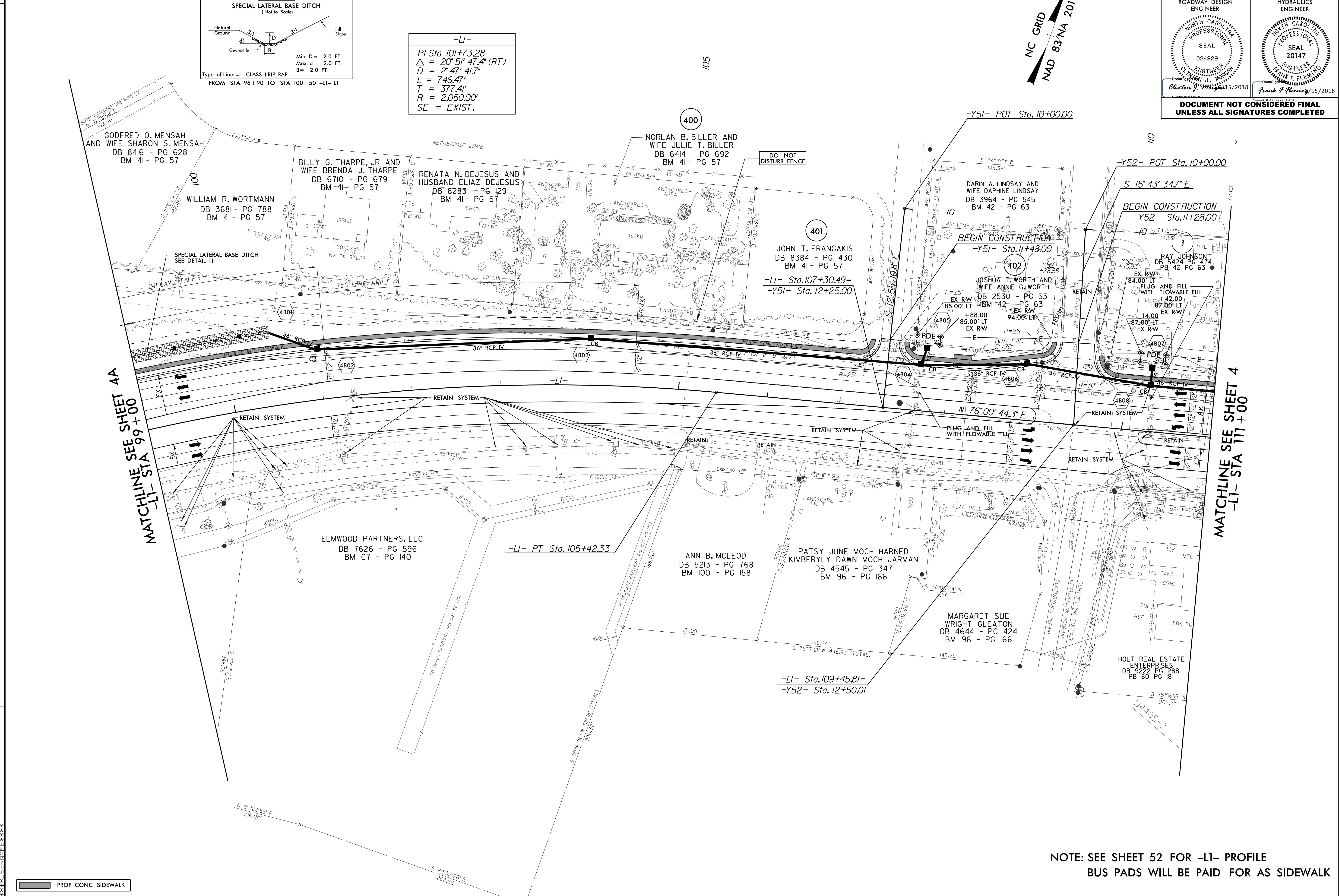
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RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	



-LI-
 PI Sta 101+73.28
 $\Delta = 20' 51" 47.4" (RT)$
 $D = 2' 47' 41.7"$
 $L = 746.47'$
 $T = 377.41'$
 $R = 2,050.00'$
 SE = EXIST.



8.17.99



MATCHLINE SEE SHEET 4A
-LI- STA 99+00

MATCHLINE SEE SHEET 4
-LI- STA 111+00

PROP CONC SIDEWALK

NOTE: SEE SHEET 52 FOR -LI- PROFILE
BUS PADS WILL BE PAID FOR AS SIDEWALK

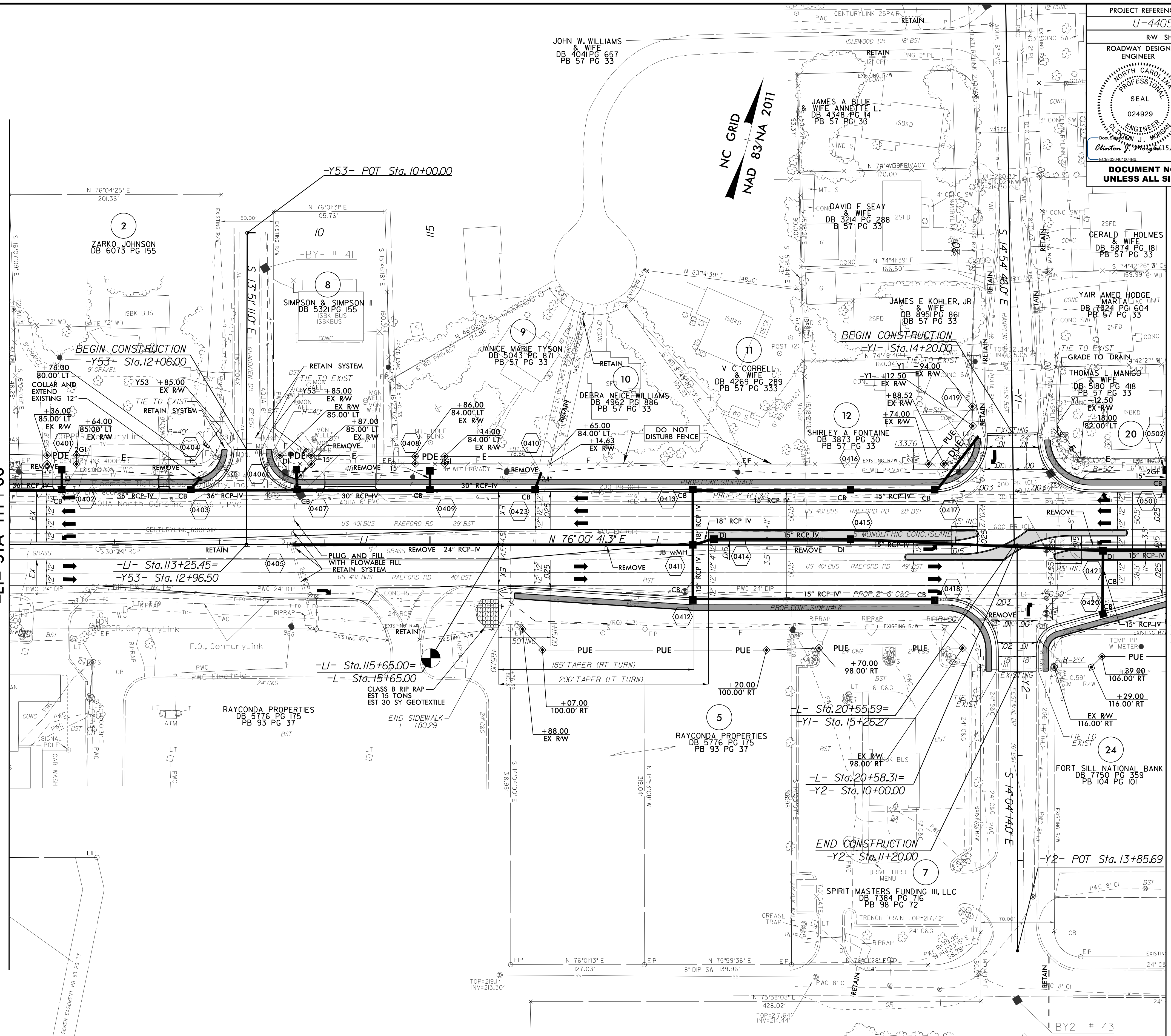
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8/17/99

PROJECT REFERENCE NO. U-4405		SHEET NO. 4	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>			

MATCHLINE SEE SHEET 4B
-L1- STA 111+00

MATCHLINE SEE SHEET 5
-L- STA 22+00



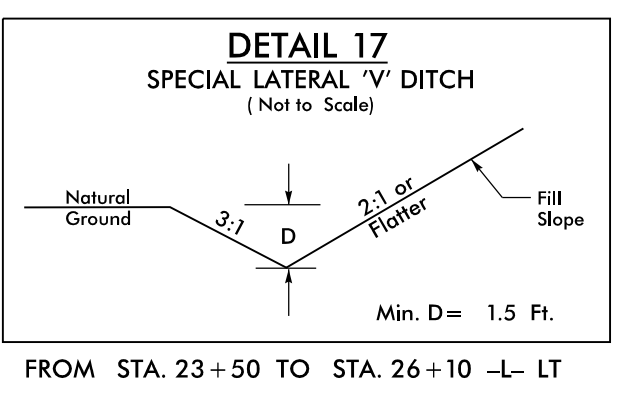
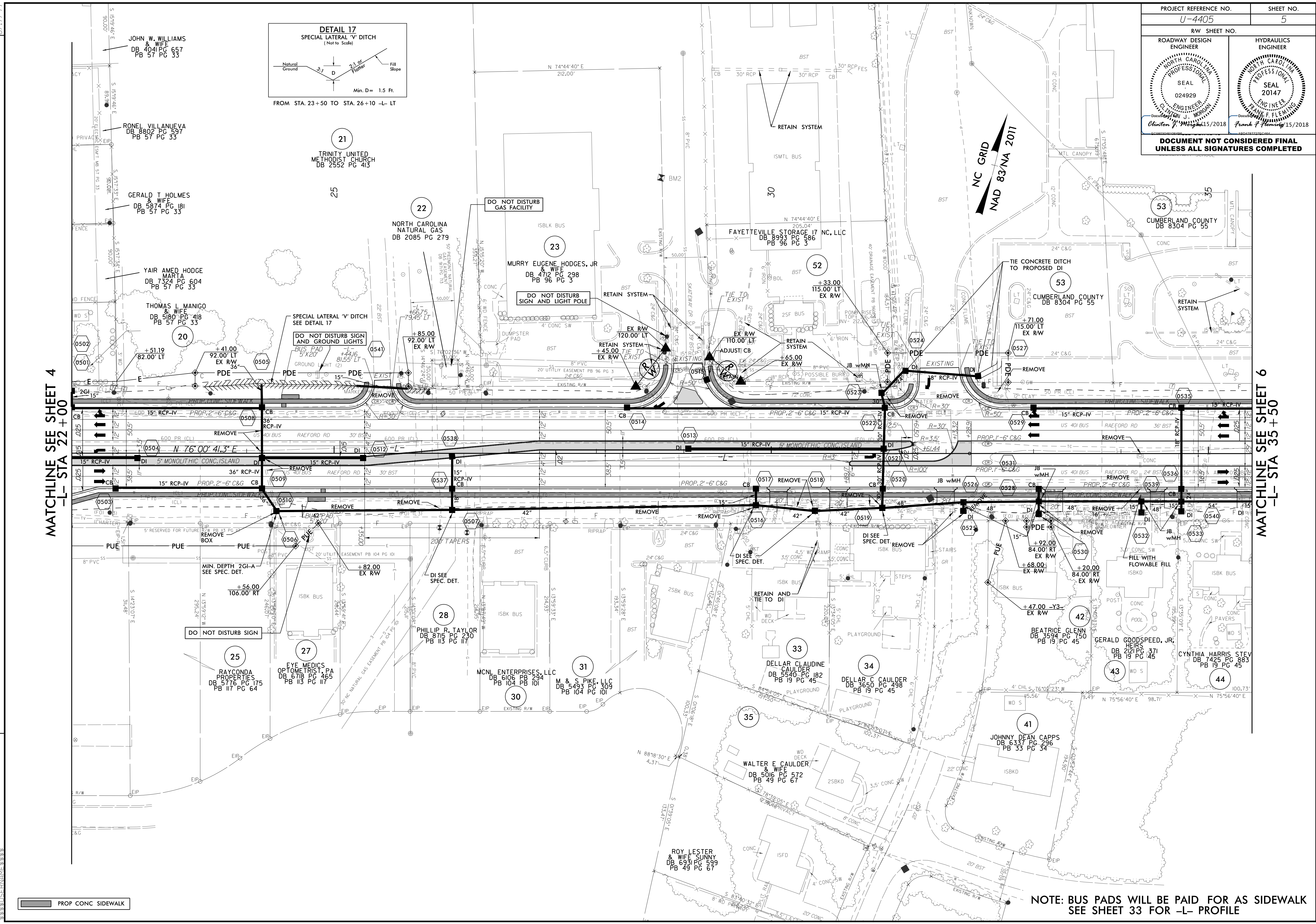
REVISIONS

PROP CONC SIDEWALK

NOTE: SEE SHEET 33 FOR -L- PROFILE
 SEE SHEET 46 FOR -Y1- PROFILE
 SEE SHEET 46 FOR -Y2- PROFILE
 SEE SHEET 52 FOR -L1- PROFILE
 SEE SHEET 2B-1 FOR INTERSECTION DETAILS

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PROJECT REFERENCE NO. U-4405		SHEET NO. 5	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
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MATCHLINE SEE SHEET 4
-L- STA 22+00

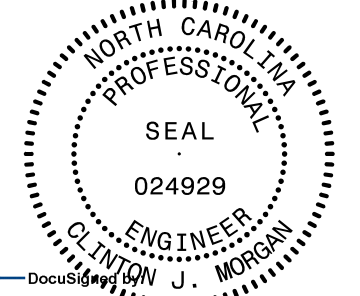

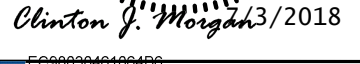

MATCHLINE SEE SHEET 6
-L- STA 35+50

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PROP CONC SIDEWALK

NOTE: BUS PADS WILL BE PAID FOR AS SIDEWALK
SEE SHEET 33 FOR -L- PROFILE

8/17/19

PROJECT REFERENCE NO. U-4405		SHEET NO. 6	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
			
			
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

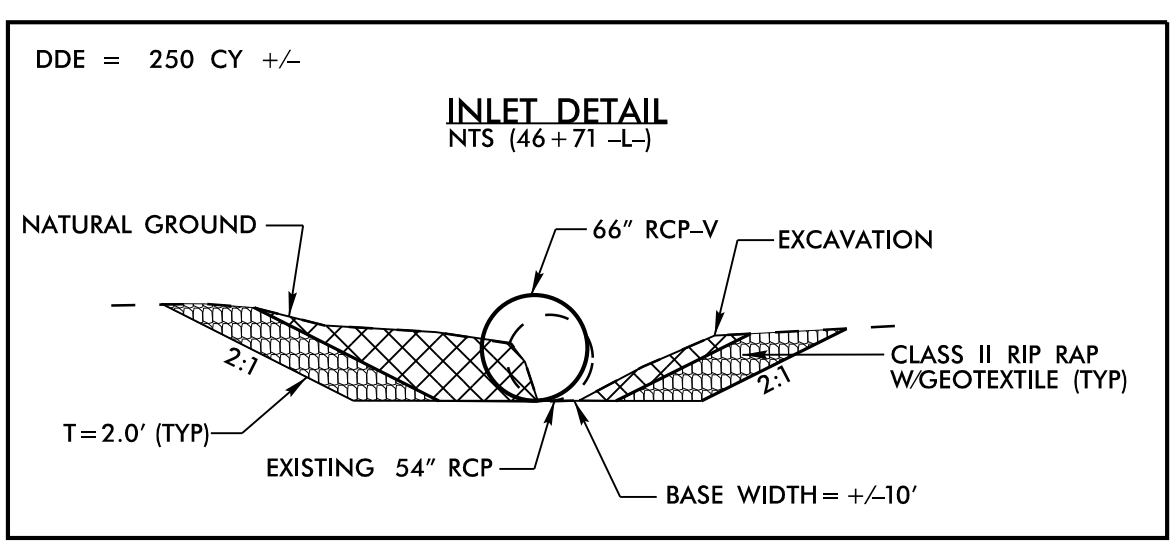
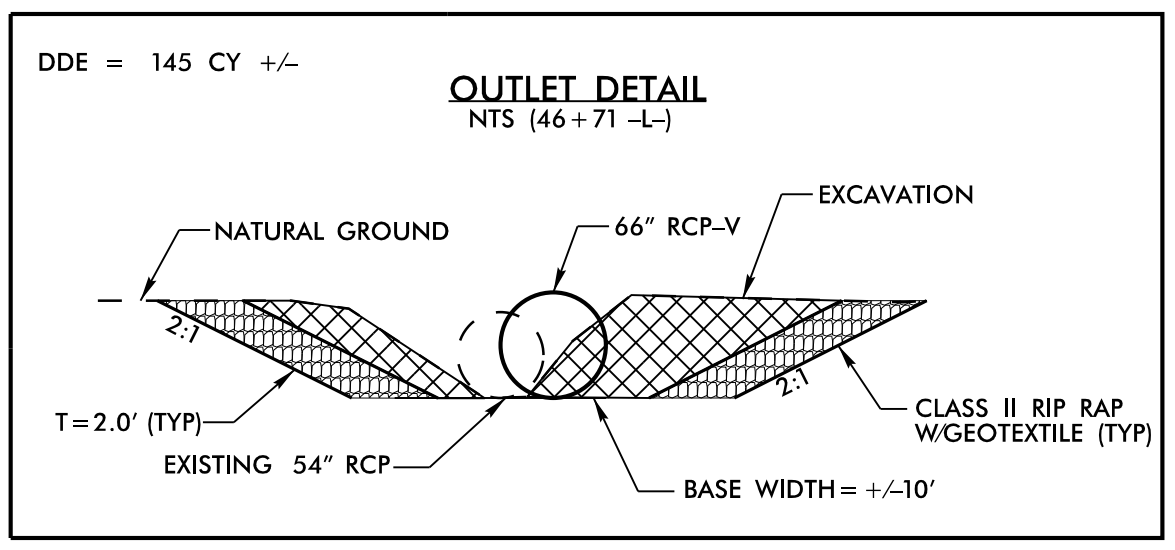
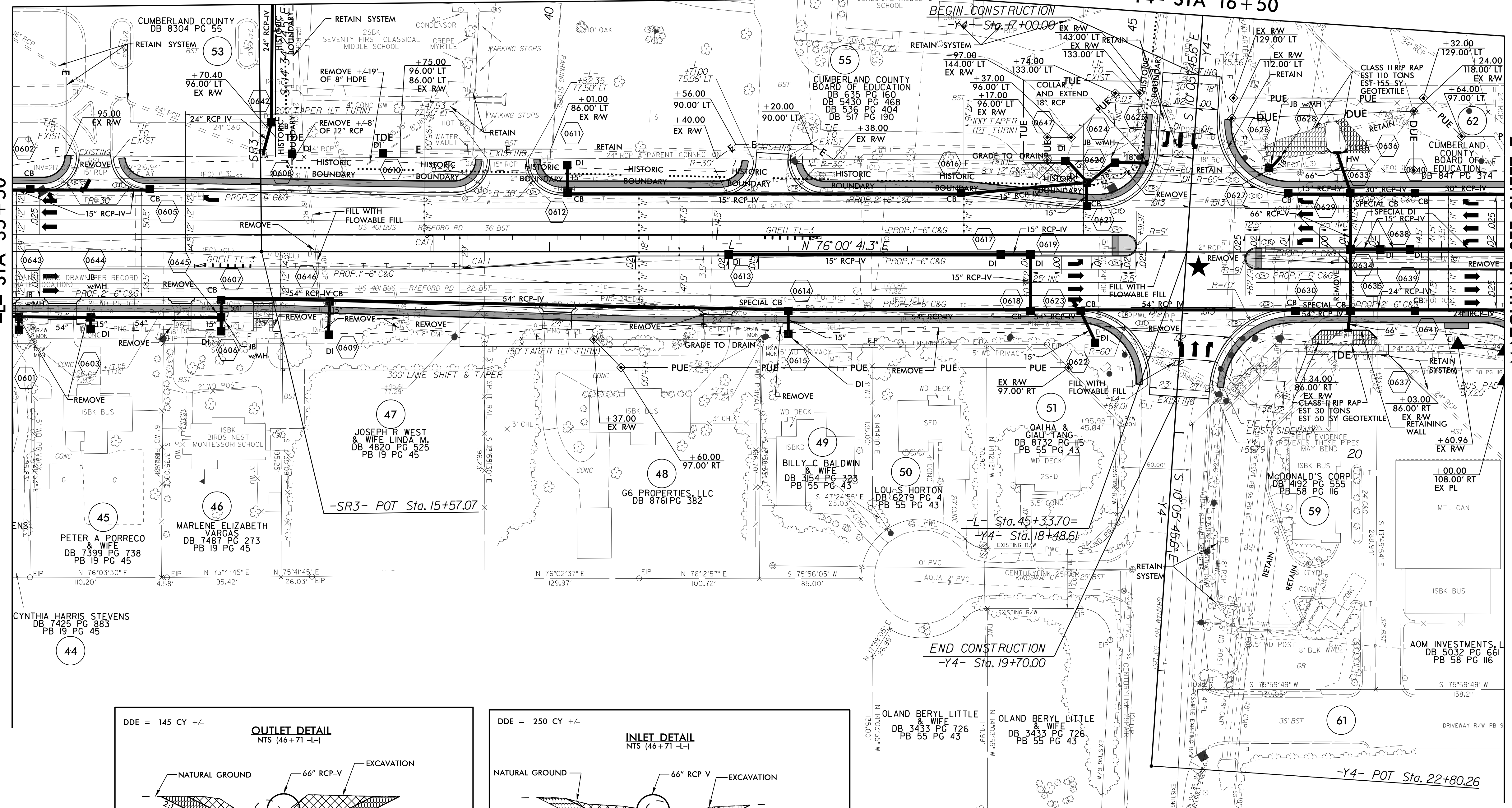
NOTE: COORDINATION WITH RESIDENT ENGINEER IS REQUIRED PRIOR TO ANY TREE REMOVAL ON PARCEL 55

MATCHLINE SEE SHEET 28
-SR3- STA 13+50


MATCHLINE SEE SHEET 28
-Y4- STA 16+50


MATCHLINE SEE SHEET 5
-L- STA 35+50

MATCHLINE SEE SHEET 7
-L- STA 48+00



NOTE: BUS PADS WILL BE PAID FOR AS SIDEWALK
SEE SHEET 33 & 34 FOR -L- PROFILE
SEE SHEET 46 FOR -Y4- PROFILE
SEE SHEET C1-1 THRU C1-18 FOR CULVERT PLANS

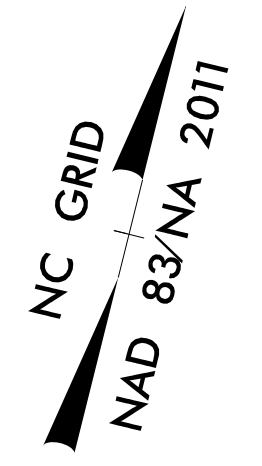
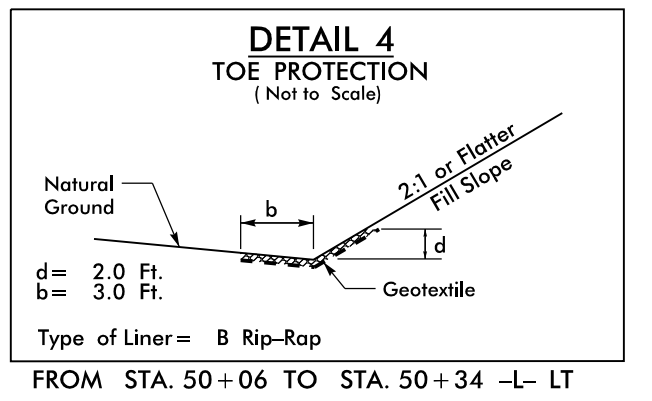
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 PROP CONC SIDEWALK

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ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

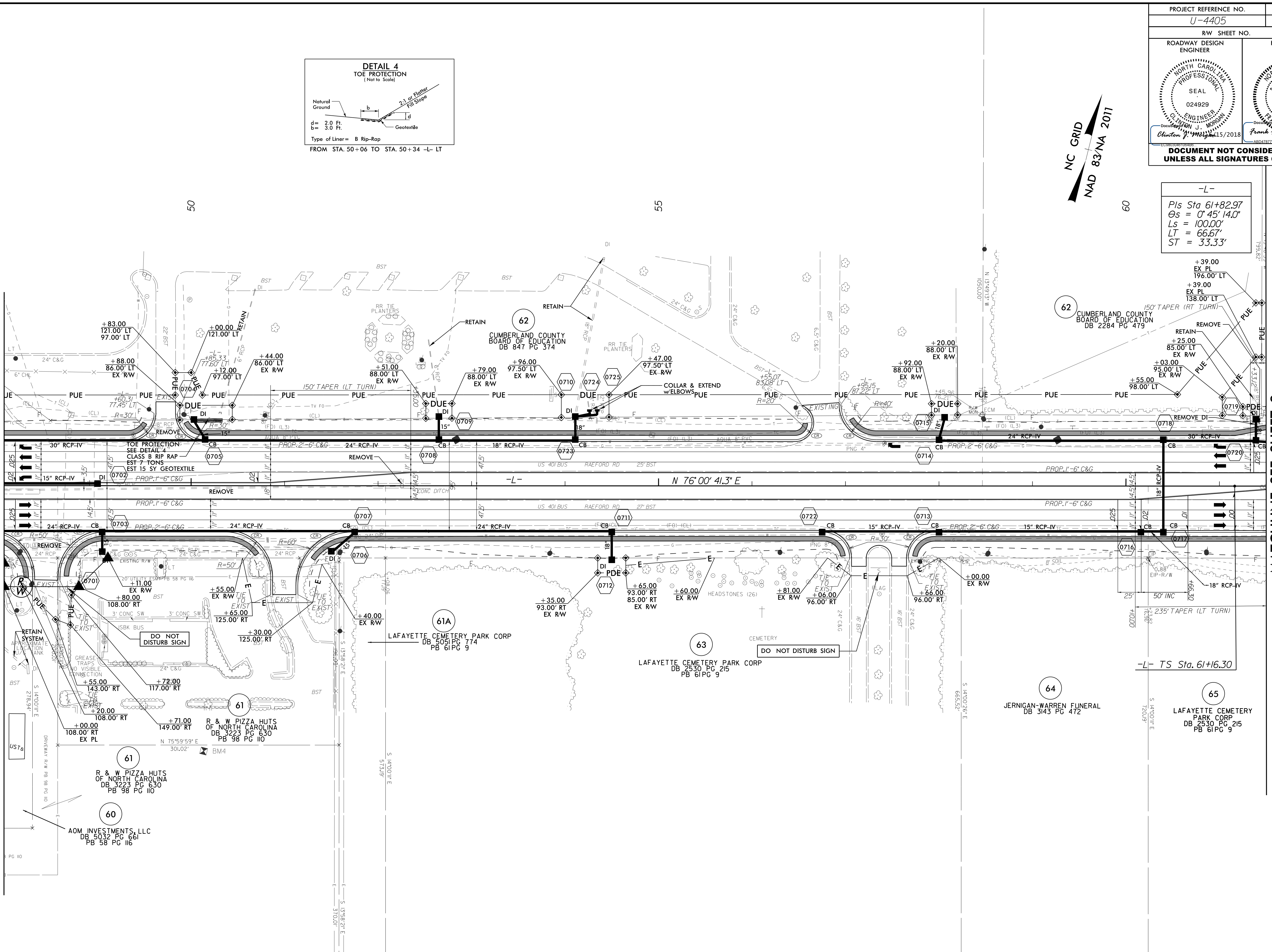


-L-
 Pls Sta 61+82.97
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 $L_s = 100.00'$
 $LT = 66.67'$
 $ST = 33.33'$

REVISIONS

MATCHLINE SEE SHEET 6
-L- STA 48+00

MATCHLINE SEE SHEET 8
-L- STA 61+50



PROP CONC SIDEWALK

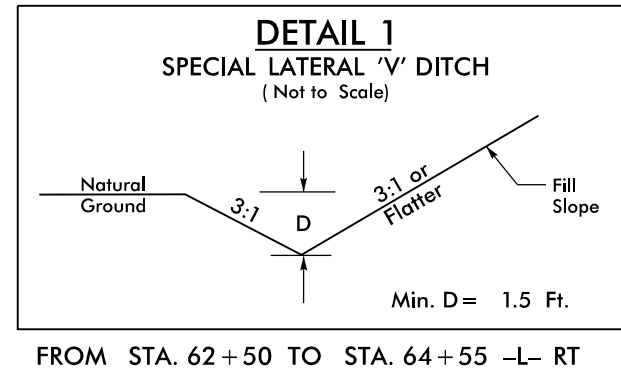
NOTE: SEE SHEET 34 FOR -L- PROFILE

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PROJECT REFERENCE NO. U-4405		SHEET NO. 8	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

-L-

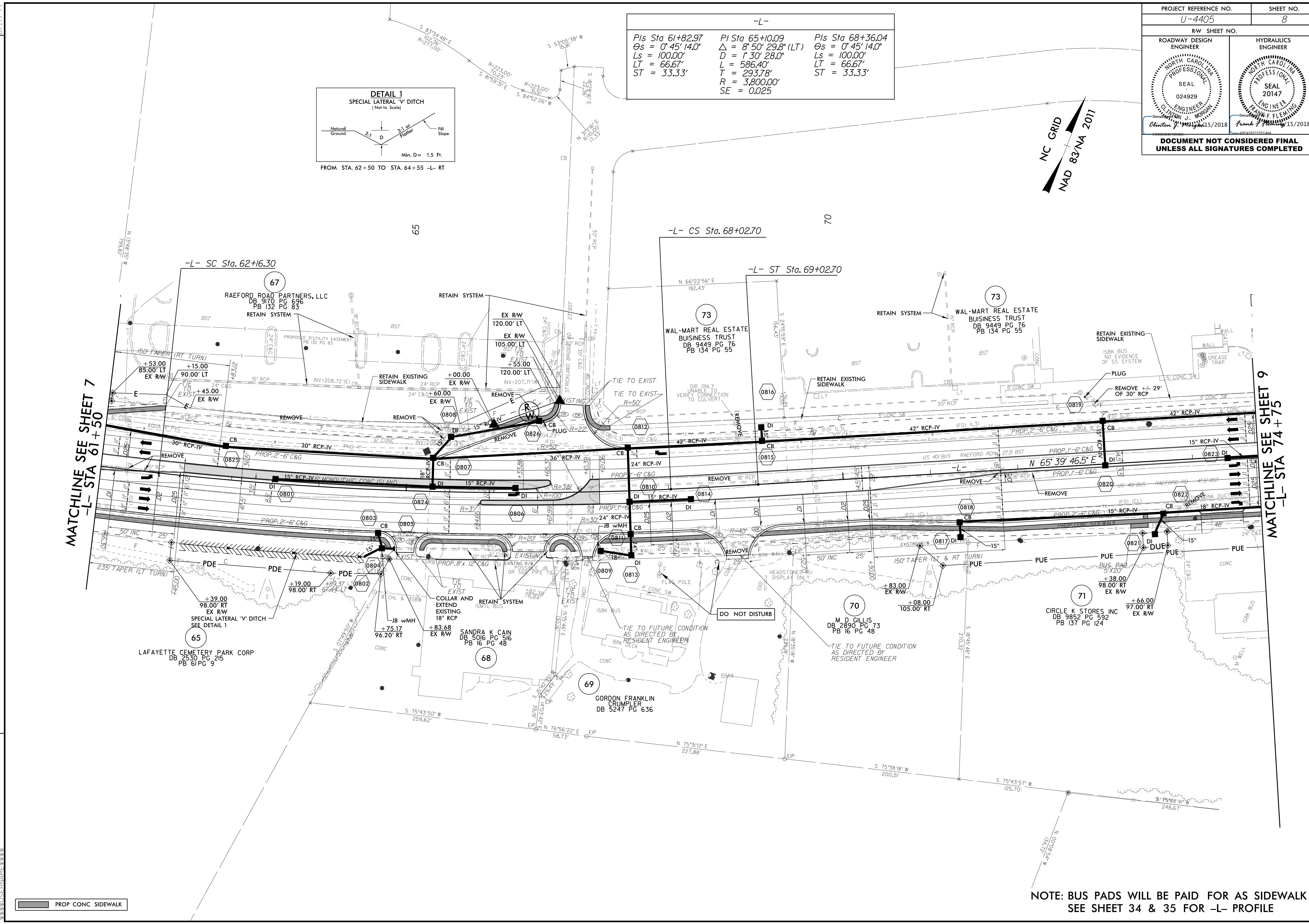
Pls Sta 61+82.97 Os = 0' 45' 14.0" Ls = 100.00' LT = 66.67' ST = 33.33'	PI Sta 65+10.09 Δ = 8' 50' 29.8" (LT) D = 1' 30' 28.0" L = 586.40' T = 293.78' R = 3,800.00' SE = 0.025	Pls Sta 68+36.04 Os = 0' 45' 14.0" Ls = 100.00' LT = 66.67' ST = 33.33'
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NC GRID
NAD 83/NA 2011

MATCHLINE SEE SHEET 7
-L- STA 61+50

MATCHLINE SEE SHEET 9
-L- STA 74+75



PROF CONC SIDEWALK

NOTE: BUS PADS WILL BE PAID FOR AS SIDEWALK
SEE SHEET 34 & 35 FOR -L- PROFILE

REVISIONS

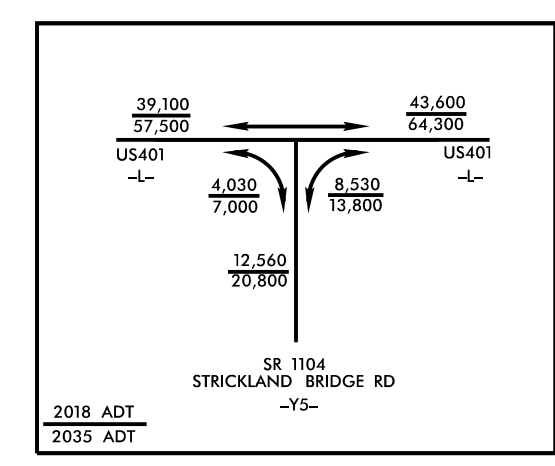
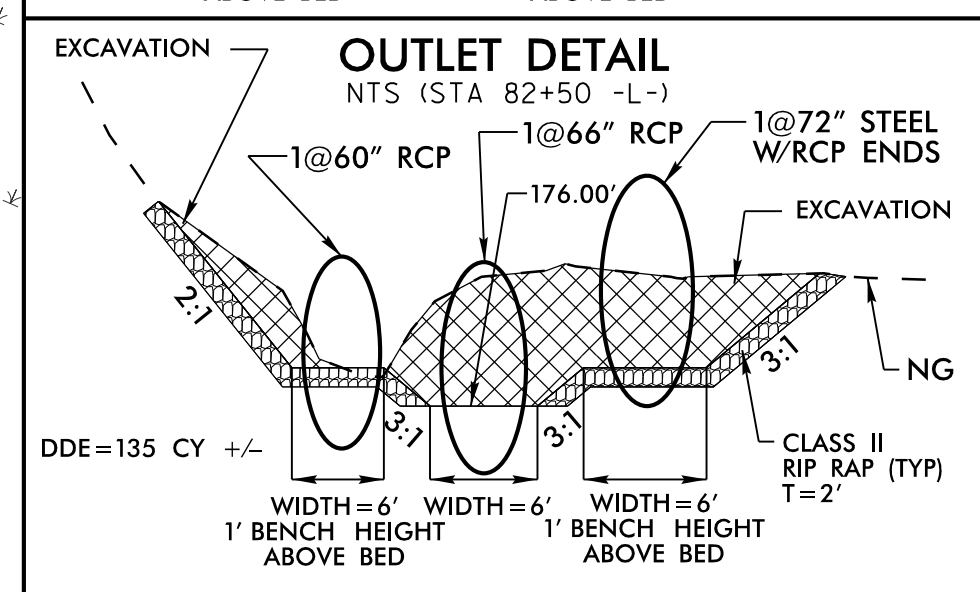
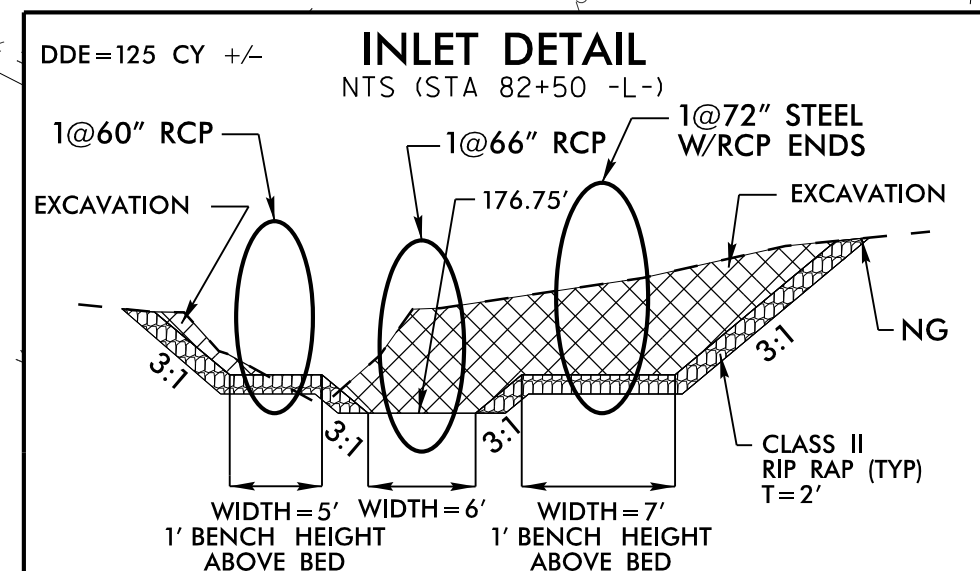
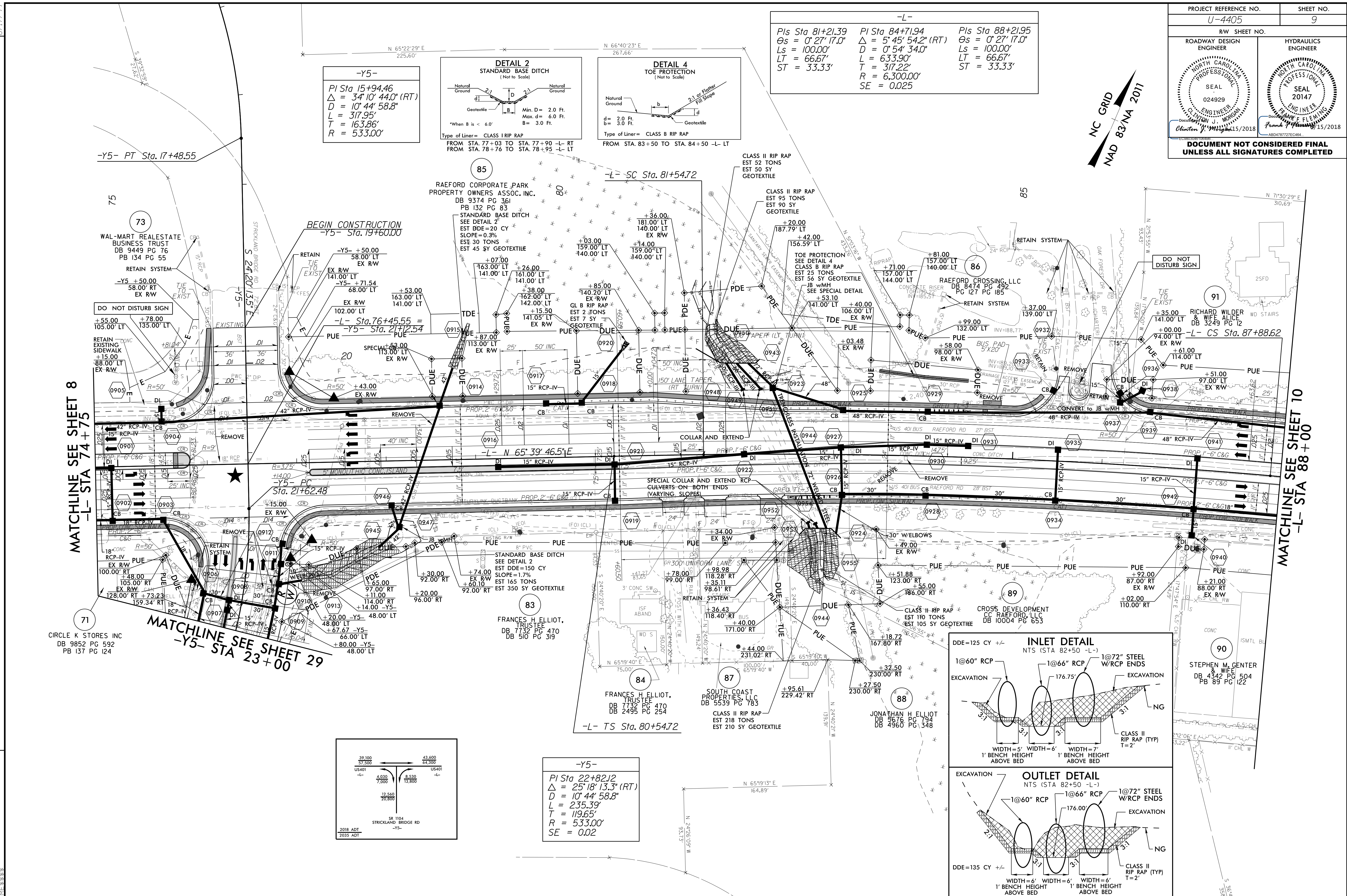
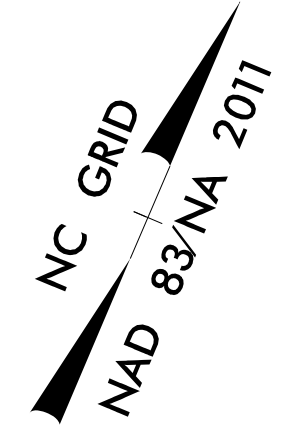
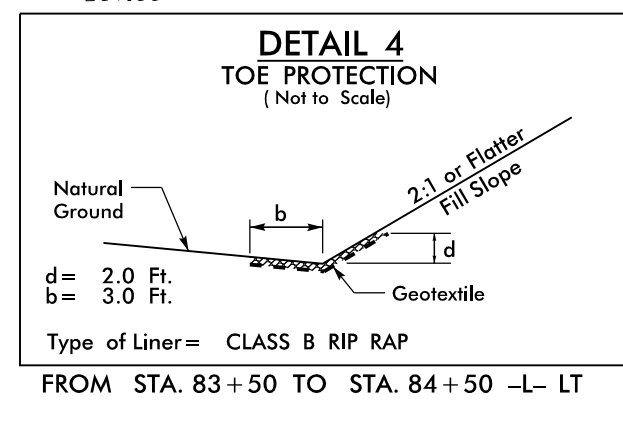
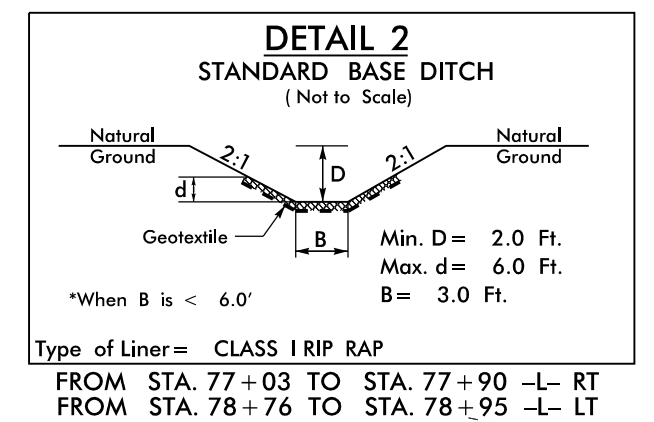
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PROJECT REFERENCE NO. U-4405	SHEET NO. 9
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

-L-
 Pls Sta 81+21.39 Pl Sta 84+71.94 Pls Sta 88+21.95
 Os = 0' 27" 17.0" Δ = 5' 45" 54.2" (RT) Os = 0' 27" 17.0"
 Ls = 100.00' D = 0' 54" 34.0" Ls = 100.00'
 LT = 66.67' L = 633.90' LT = 66.67'
 ST = 33.33' T = 317.22' ST = 33.33'
 R = 6,300.00'
 SE = 0.025

-Y5-
 Pl Sta 15+94.46
 Δ = 34' 10" 44.0" (RT)
 D = 10' 44" 58.8"
 L = 317.95'
 T = 163.86'
 R = 533.00'



-Y5-
 Pl Sta 22+82.12
 Δ = 25' 18" 13.3" (RT)
 D = 10' 44" 58.8"
 L = 235.39'
 T = 119.65'
 R = 533.00'
 SE = 0.02

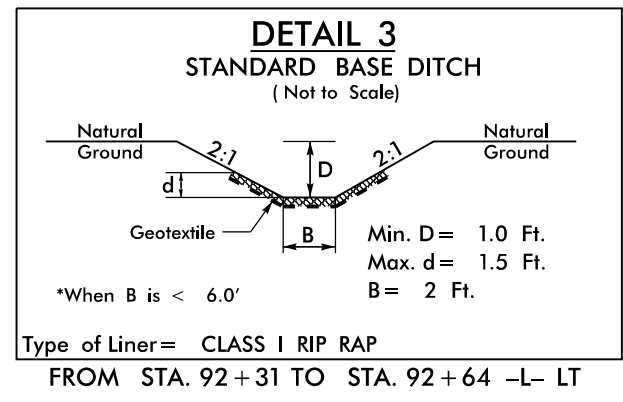
★ PROPOSED SIGNAL
 █ PROP CONC SIDEWALK

NOTE: BUS PADS WILL BE PAID FOR AS SIDEWALK
 SEE SHEET 35 FOR -L- PROFILE
 SEE SHEET 46 FOR -Y5- PROFILE

REVISIONS
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PROJECT REFERENCE NO. U-4405		SHEET NO. 10	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
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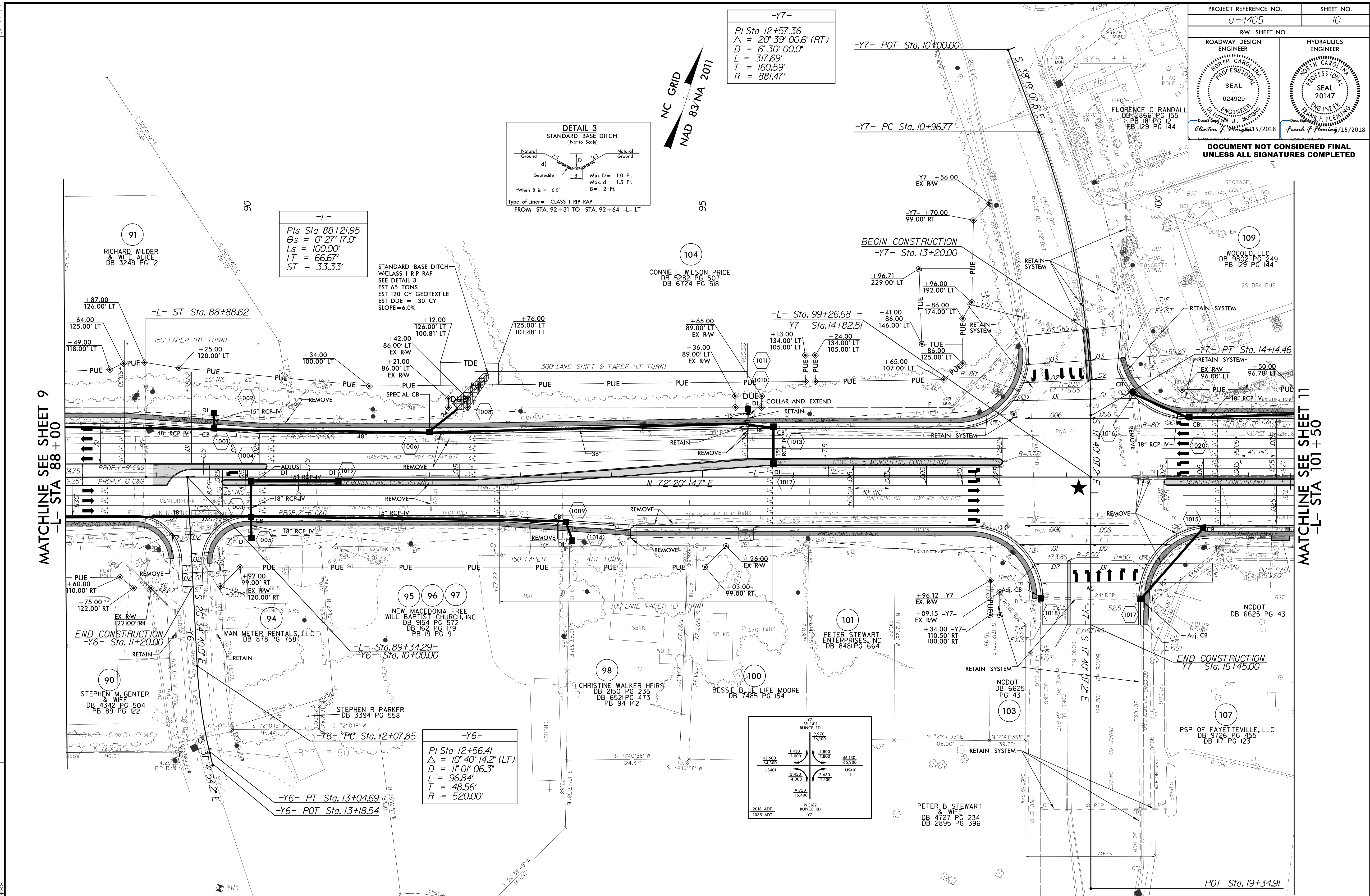
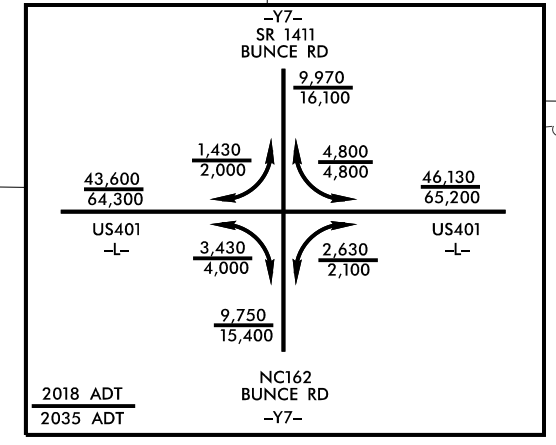
-Y7-
 PI Sta 12+57.36
 $\Delta = 20' 39'' 00.6''$ (RT)
 $D = 6' 30'' 00.0''$
 $L = 317.69'$
 $T = 160.59'$
 $R = 881.47'$



-L-
 PIs Sta 88+21.95
 $\Theta_s = 0' 27'' 17.0''$
 $L_s = 100.00'$
 $LT = 66.67'$
 $ST = 33.33'$

STANDARD BASE DITCH
 W/CLASS 1 RIP RAP
 SEE DETAIL 3
 EST 65 TONS
 EST 120 CY GEOTEXTILE
 EST DDE = 30 CY
 SLOPE=6.0%

-Y6-
 PI Sta 12+56.41
 $\Delta = 10' 40'' 14.2''$ (LT)
 $D = 11' 0'' 06.3''$
 $L = 96.84'$
 $T = 48.56'$
 $R = 520.00'$



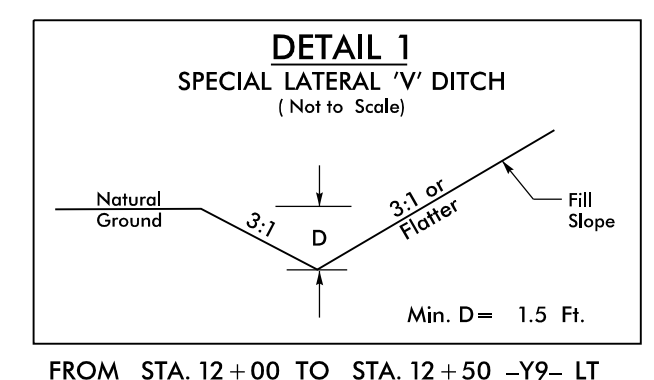
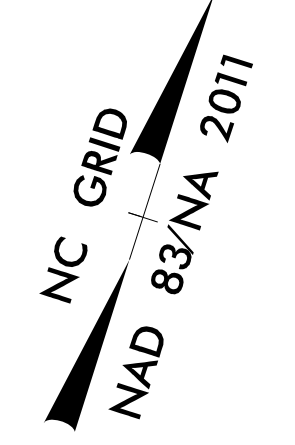
★ PROPOSED SIGNAL

▬ PROP CONC SIDEWALK

NOTE: BUS PADS WILL BE PAID FOR AS SIDEWALK
 SEE SHEET 35 & 36 FOR -L- PROFILE
 SEE SHEET 47 FOR -Y6- PROFILE
 SEE SHEET 47 FOR -Y7- PROFILE
 SEE SHEET 2B-1 FOR INTERSECTION DETAILS

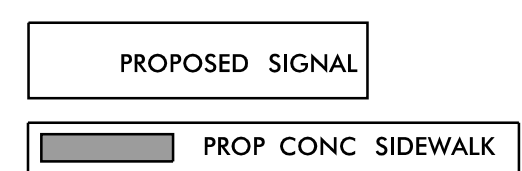
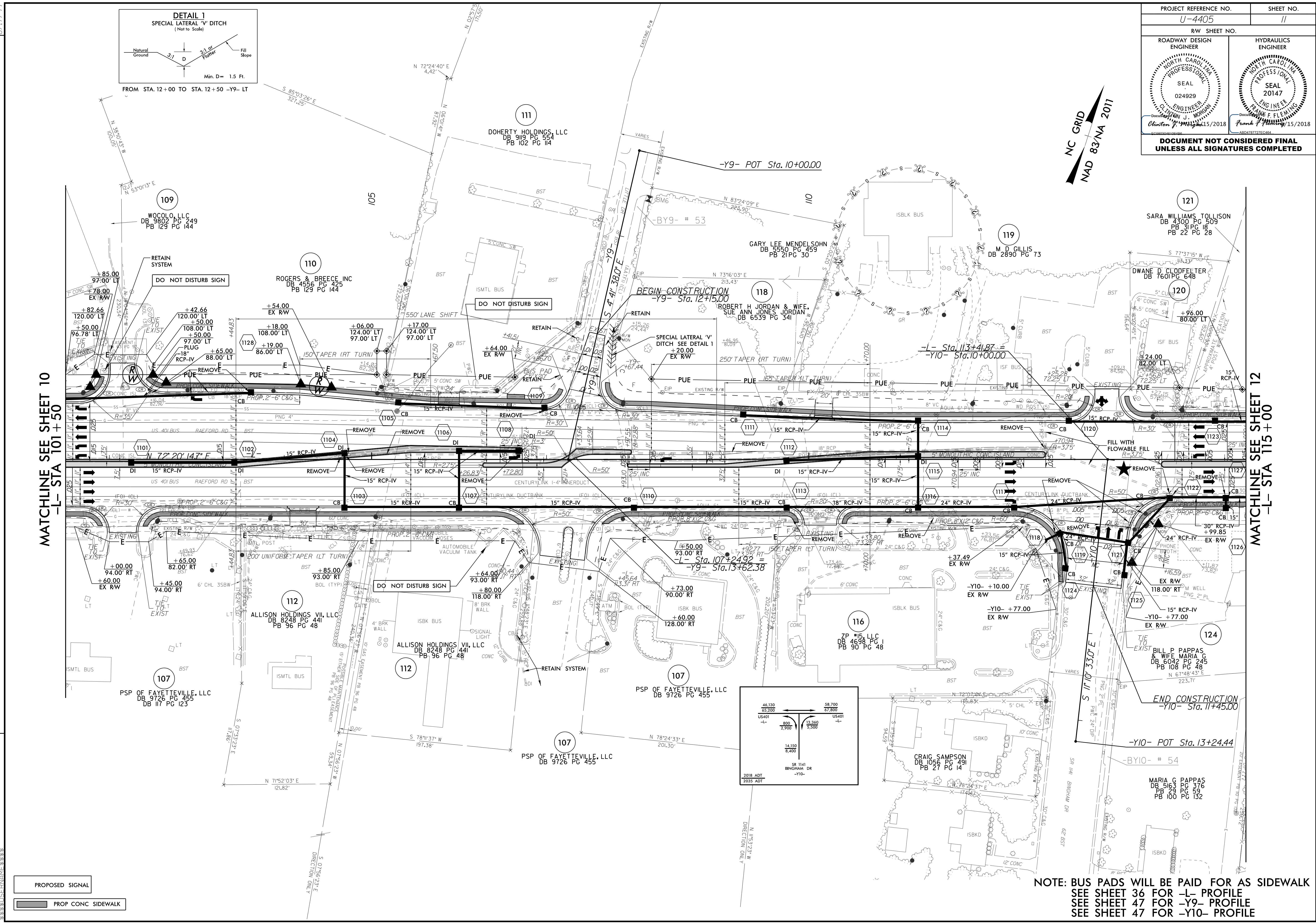
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 8/17/99

PROJECT REFERENCE NO. U-4405		SHEET NO. 11	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>			



MATCHLINE SEE SHEET 10
-L- STA 101+50

MATCHLINE SEE SHEET 12
-L- STA 115+00

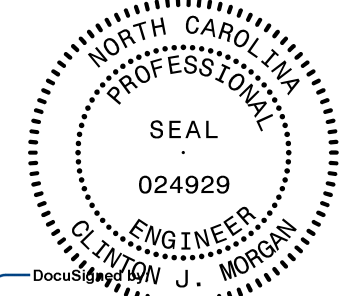
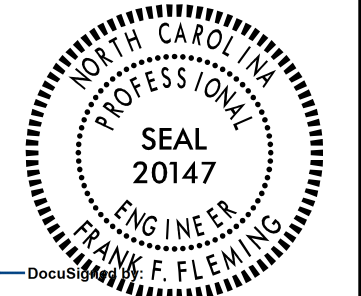


NOTE: BUS PADS WILL BE PAID FOR AS SIDEWALK
SEE SHEET 36 FOR -L- PROFILE
SEE SHEET 47 FOR -Y9- PROFILE
SEE SHEET 47 FOR -Y10- PROFILE

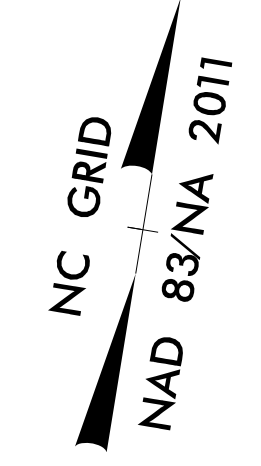
REVISIONS

8.17.7.99

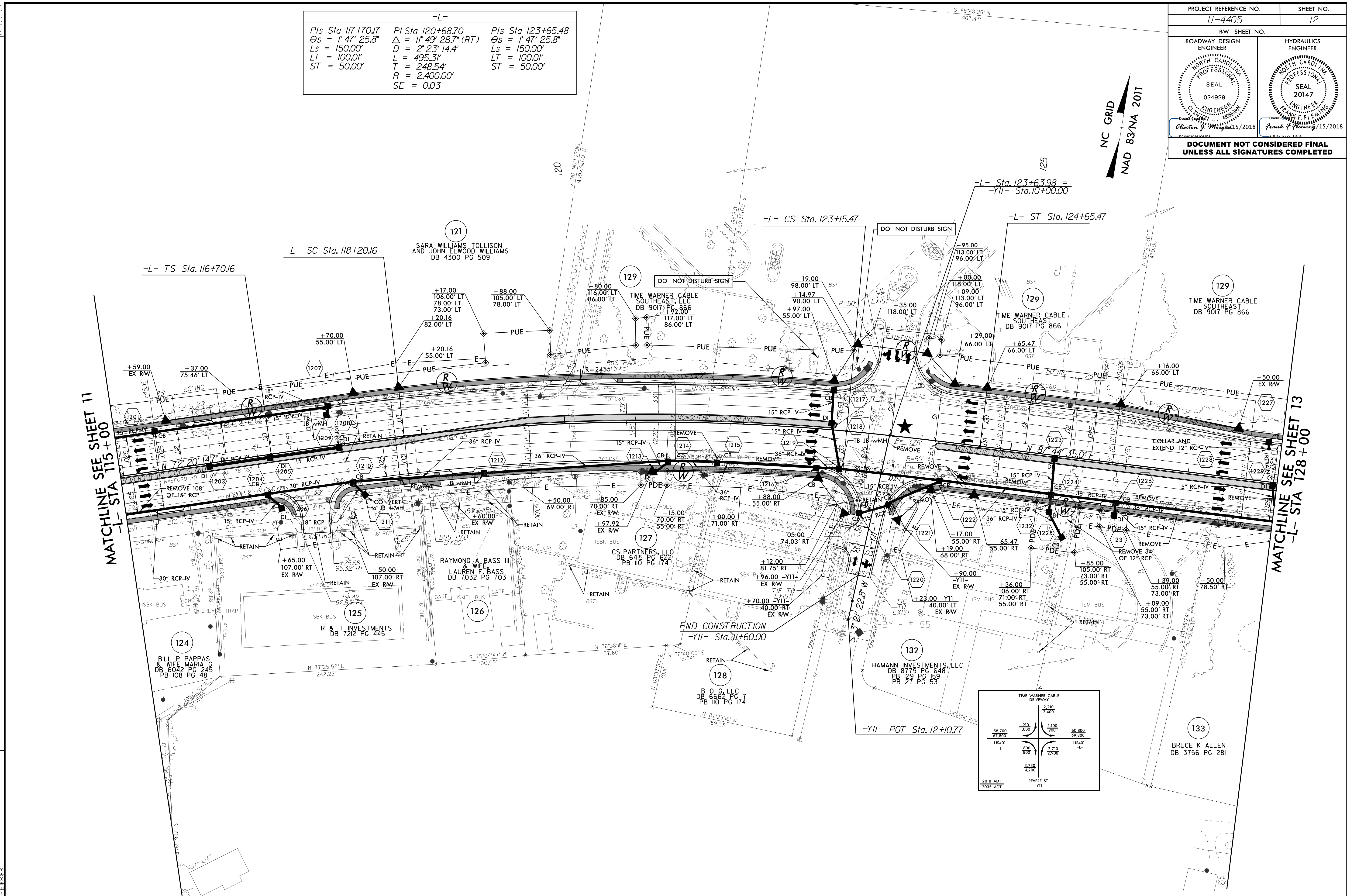
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PROJECT REFERENCE NO. U-4405		SHEET NO. 12	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		SEAL	
			
<small>Clinton J. Morgan 11/15/2018</small> <small>Frank F. Fleming 11/15/2018</small>		<small>Frank F. Fleming 11/15/2018</small>	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

-L-		
Pls Sta 117+70.17	PI Sta 120+68.70	Pls Sta 123+65.48
$\Theta_s = 1^\circ 47' 25.8''$	$\Delta = 11^\circ 49' 28.7'' (RT)$	$\Theta_s = 1^\circ 47' 25.8''$
$L_s = 150.00'$	$D = 2^\circ 23' 14.4''$	$L_s = 150.00'$
$LT = 100.0'$	$L = 495.31'$	$LT = 100.0'$
$ST = 50.00'$	$T = 248.54'$	$ST = 50.00'$
	$R = 2,400.00'$	
	$SE = 0.03$	

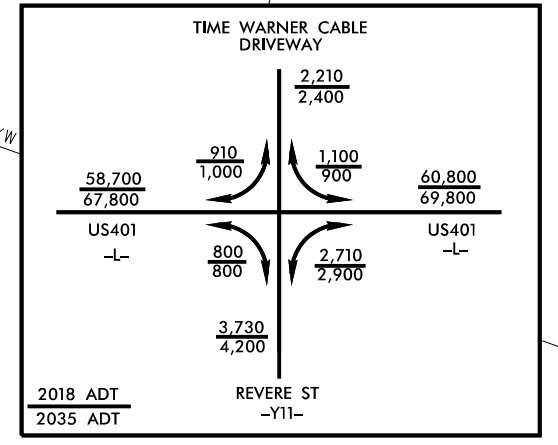




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 \$\$\$\$\$\$DISCLAIMER\$\$\$\$\$\$



MATCHLINE SEE SHEET 11
-L- STA 115+00

MATCHLINE SEE SHEET 13
-L- STA 128+00

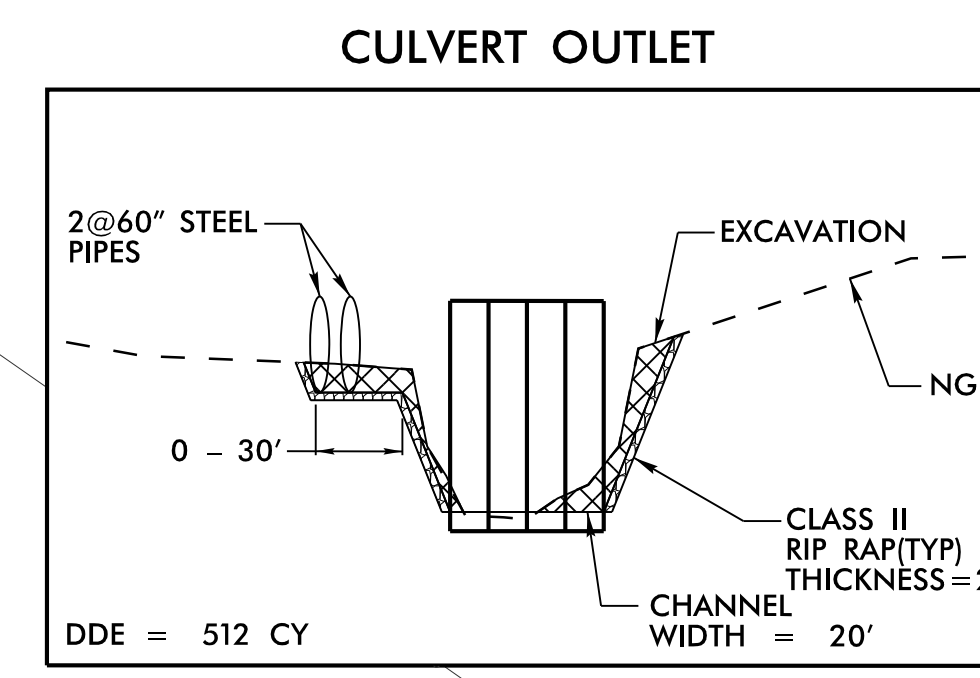
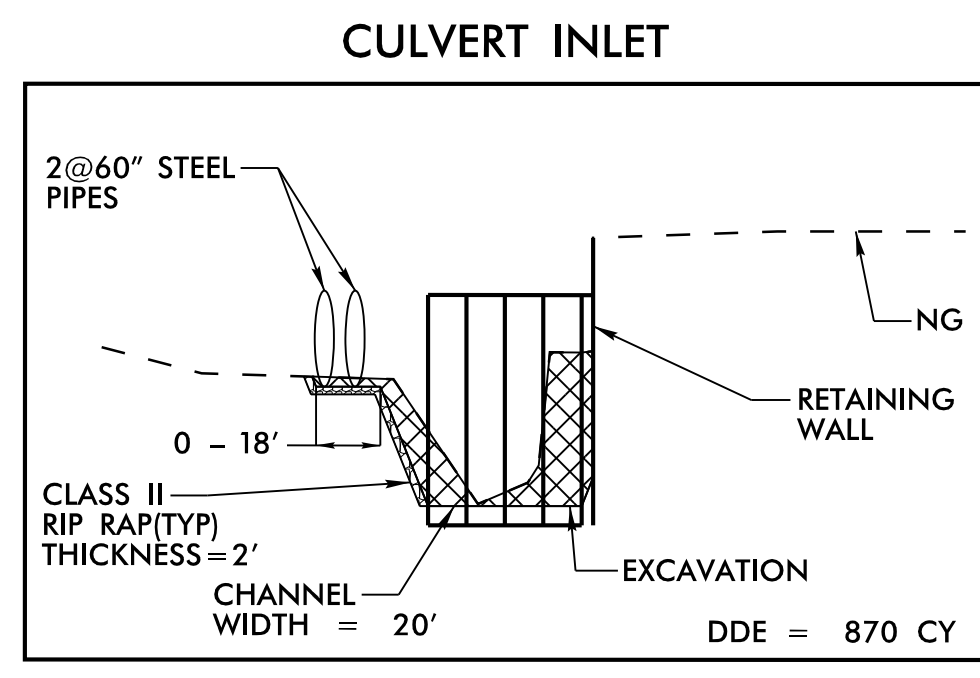


 PROPOSED SIGNAL
 PROP CONC SIDEWALK

NOTE: BUS PADS WILL BE PAID FOR AS SIDEWALK
SEE SHEET 36 & 37 FOR -L- PROFILE
SEE SHEET 47 FOR -Y11- PROFILE

PROJECT REFERENCE NO. U-4405		SHEET NO. 13	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

-L-
 Pts Sta 139+95.56 P1 Sta 144+71.01
 $\Theta_s = 1' 43' 07.9"$ $\Delta = 19' 18' 58.8" (RT)$
 $L_s = 150.00'$ $D = 2' 17' 30.6"$
 $LT = 100.00'$ $T = 842.83'$
 $ST = 50.00'$ $R = 2,500.00'$
 $SE = 0.03$



NC GRID
 NAD 83/NA 2011

MATCHLINE SEE SHEET 12
-L- STA 128+00

MATCHLINE SEE SHEET 14
-L- STA 141+00

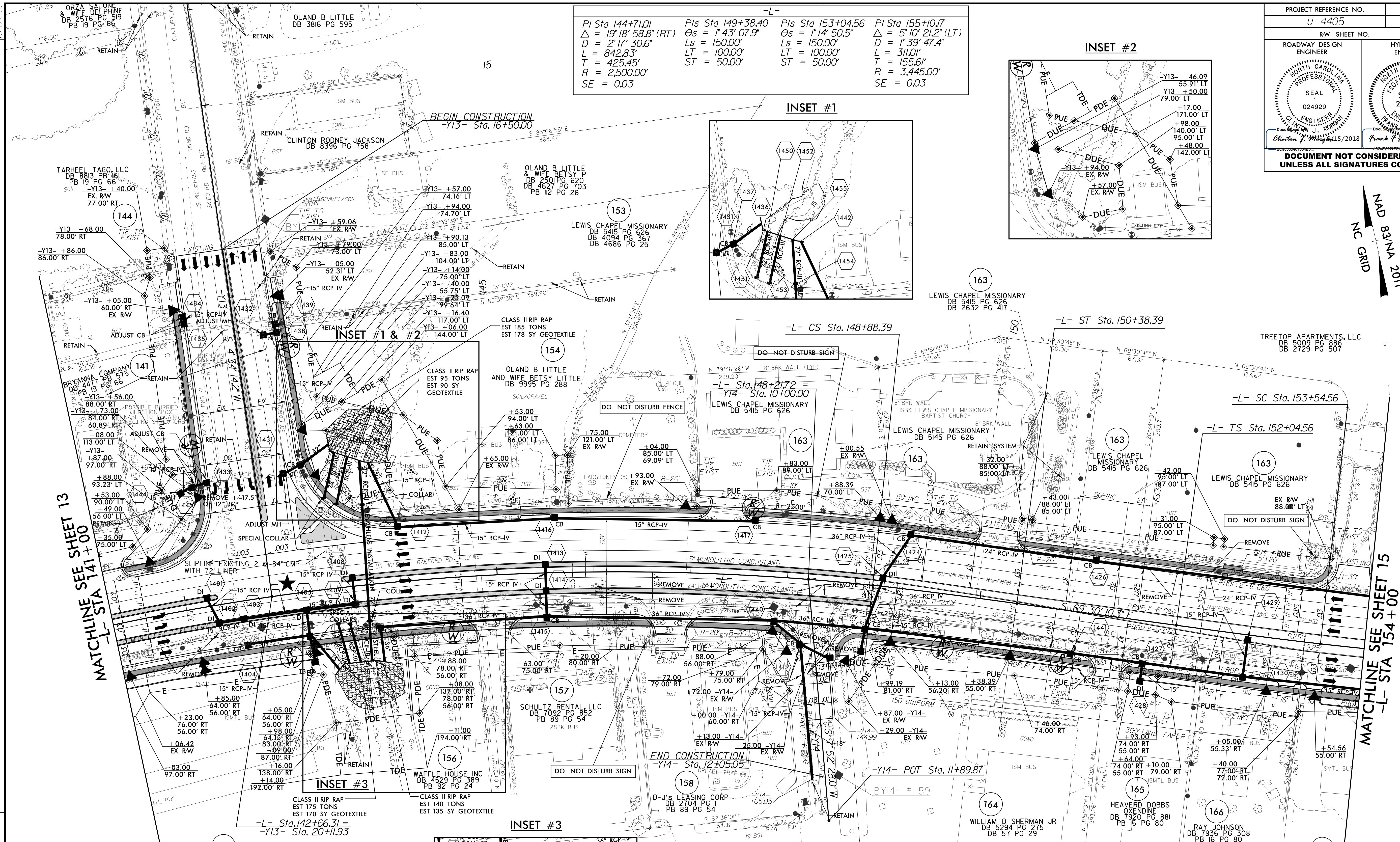
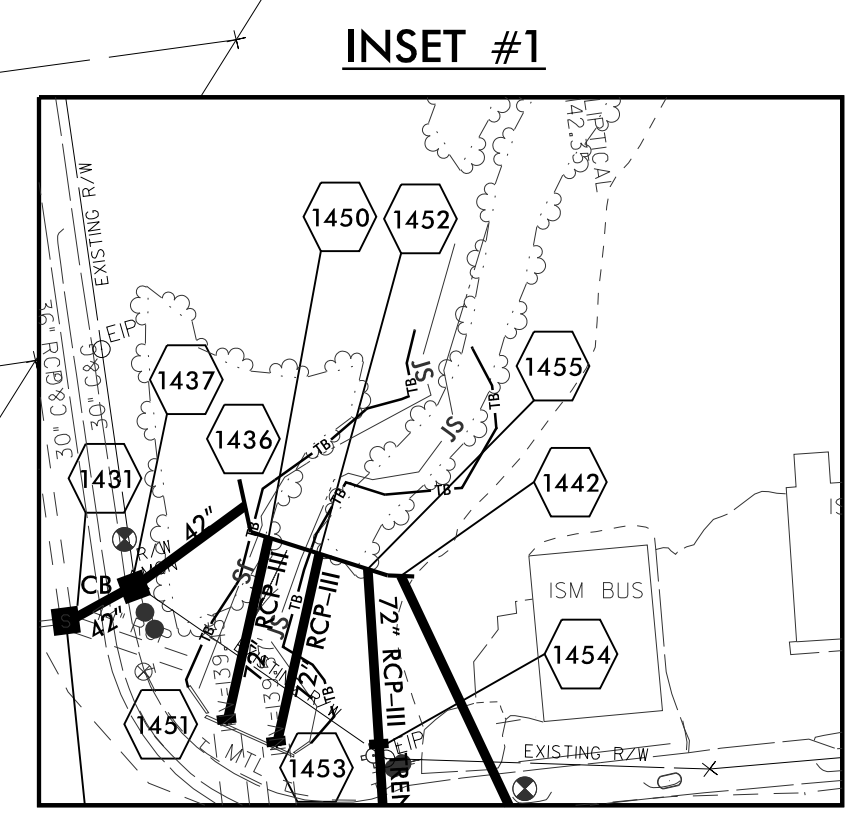
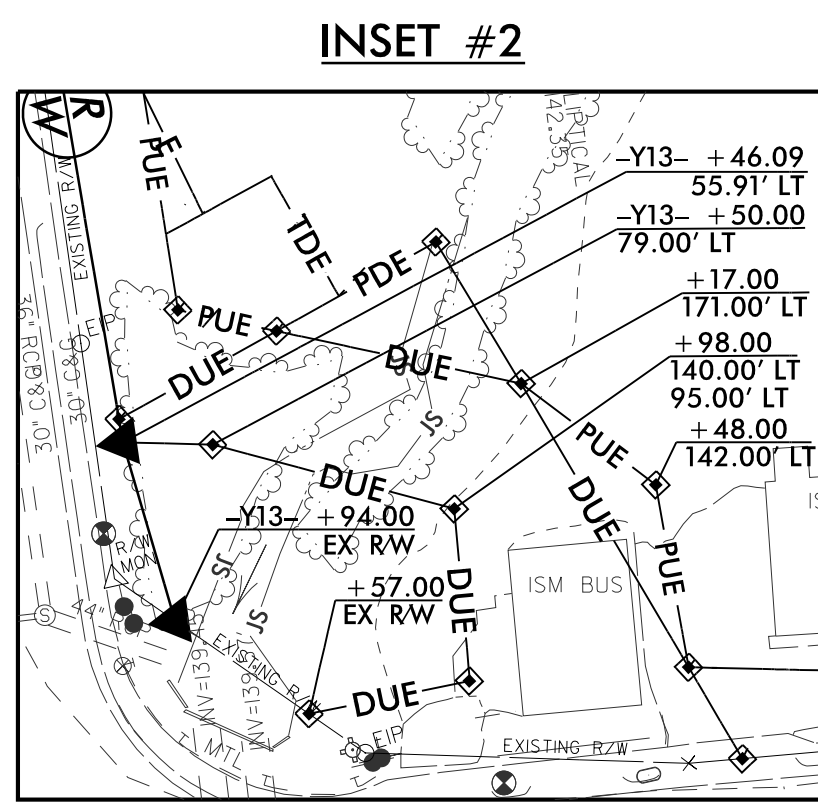
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PROP CONC SIDEWALK

NOTE: SEE SHEET 37 FOR -L- PROFILE
 SEE SHEET 47 FOR -Y12- PROFILE
 SEE SHEET 2B-2 FOR INTERSECTION DETAILS
 SEE SHEET C2-1 THRU C2-3 FOR CULVERT PLANS

PROJECT REFERENCE NO. U-4405	SHEET NO. 14
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	

Pi Sta 144+71.01 $\Delta = 19' 18" 58.8" (RT)$ $D = 2' 17" 30.6"$ $L = 842.83'$ $T = 425.45'$ $R = 2,500.00'$ $SE = 0.03$	Pis Sta 149+38.40 $\Delta s = 1' 43' 07.9"$ $Ls = 150.00'$ $LT = 100.00'$ $ST = 50.00'$	Pis Sta 153+04.56 $\Delta s = 1' 14' 50.5"$ $Ls = 150.00'$ $LT = 100.00'$ $ST = 50.00'$	Pi Sta 155+10.17 $\Delta = 5' 10" 21.2" (LT)$ $D = 1' 39' 47.4"$ $L = 311.01'$ $T = 155.61'$ $R = 3,445.00'$ $SE = 0.03$
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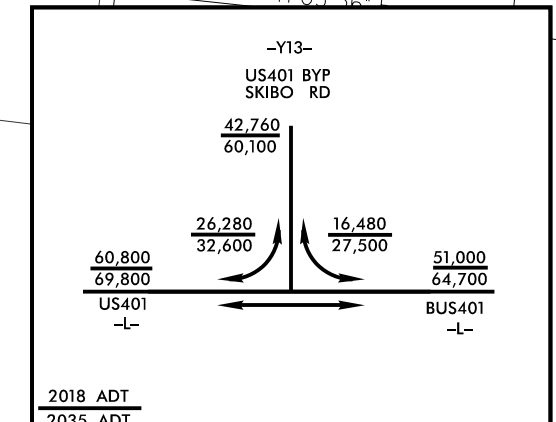
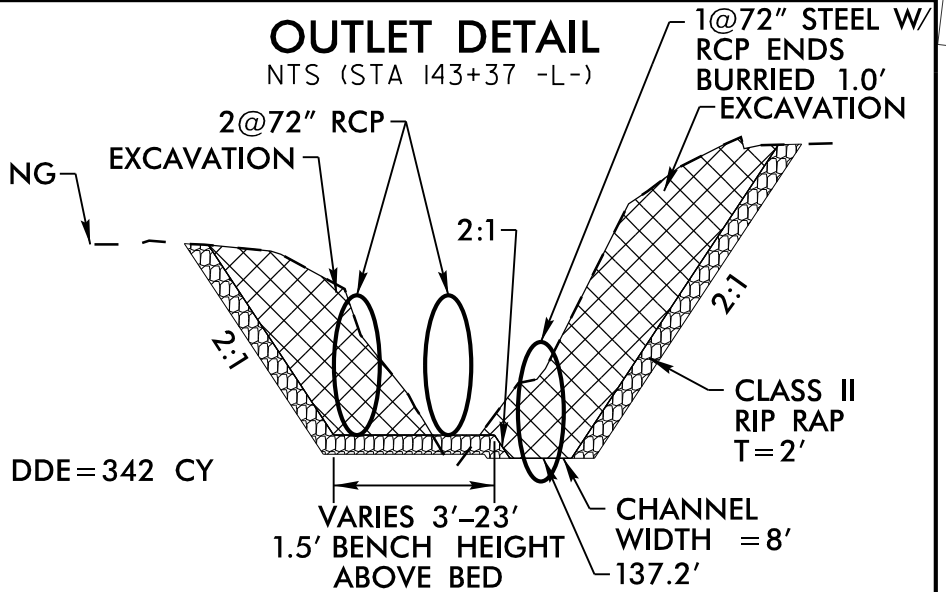
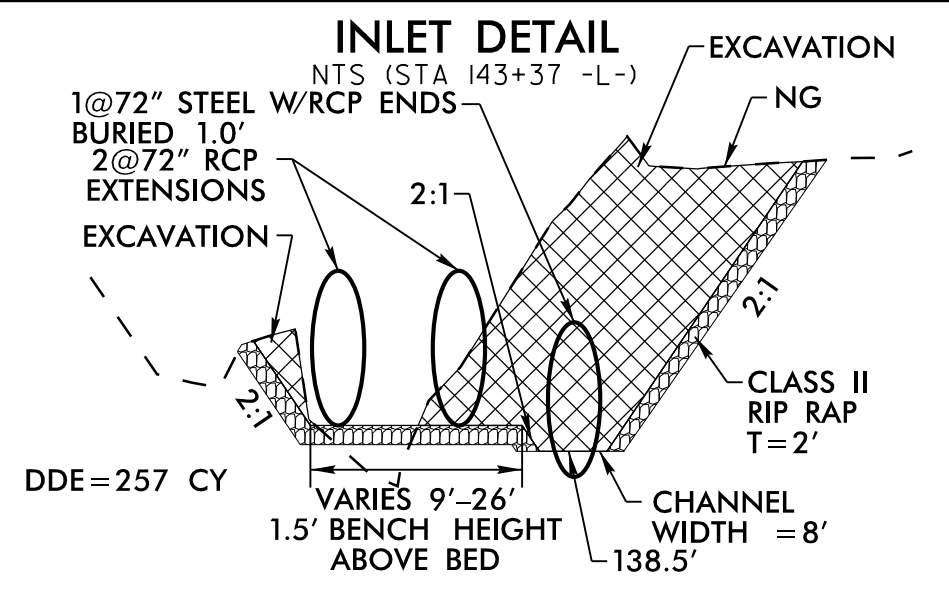
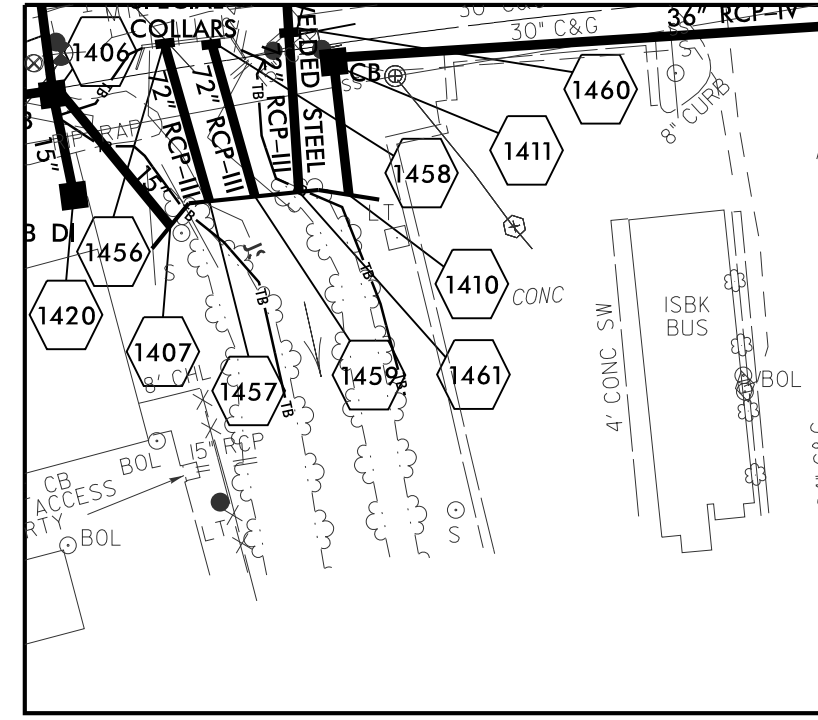


MATCHLINE SEE SHEET 13
-L- STA 141+00

MATCHLINE SEE SHEET 15
-L- STA 154+00

★ PROPOSED SIGNAL

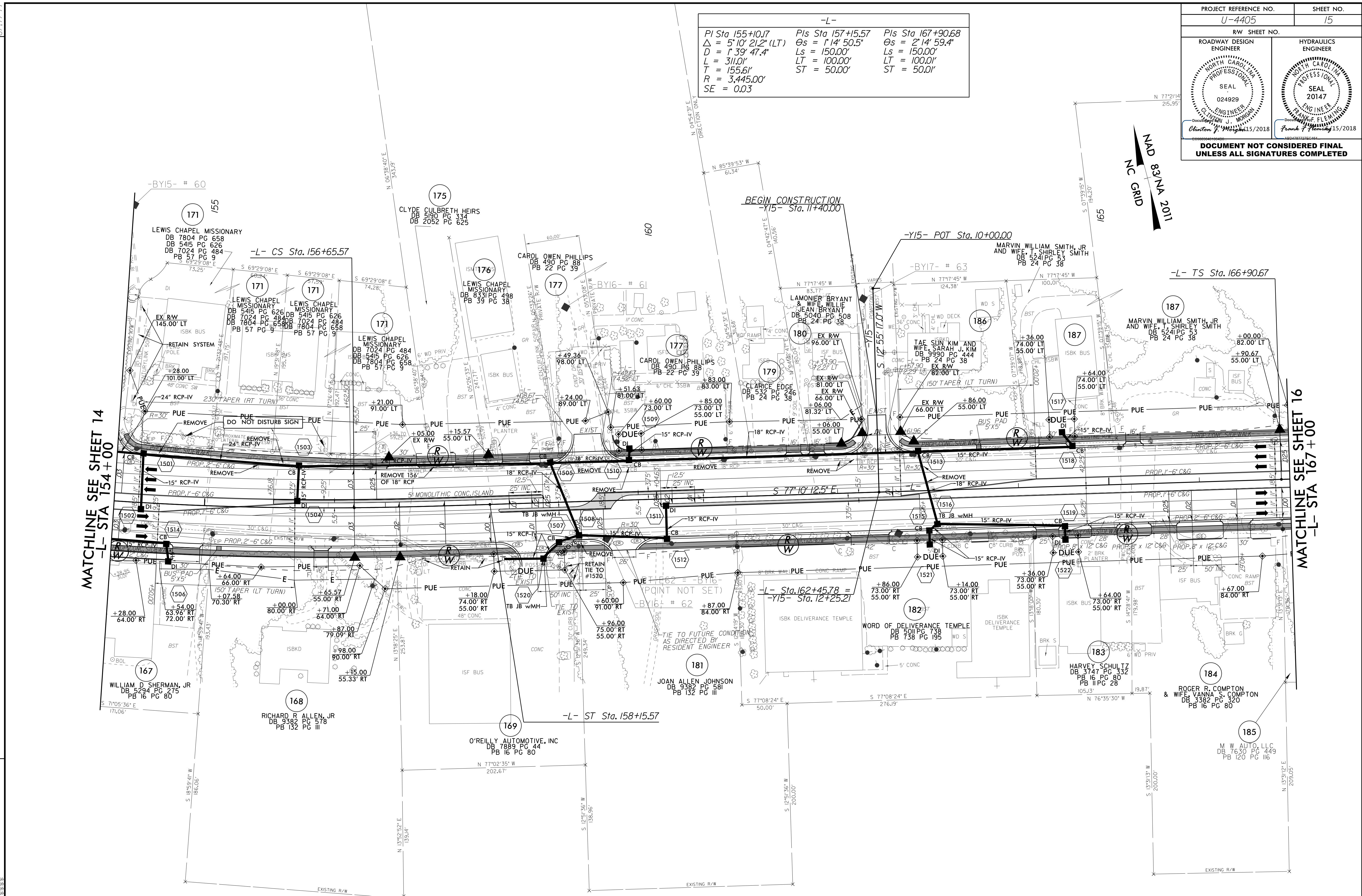
▬ PROP CONC SIDEWALK



NOTE: SEE SHEET 37 & 38 FOR -L- PROFILE
 SEE SHEET 47 FOR -Y13- PROFILE
 SEE SHEET 48 FOR -Y14- PROFILE
 SEE SHEET 2B-2 FOR INTERSECTION DETAILS
 BUS PADS WILL BE PAID FOR AS SIDEWALK

PROJECT REFERENCE NO. U-4405	SHEET NO. 15
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

-L-		
PI Sta 155+10.17	PIs Sta 157+15.57	PIs Sta 167+90.67
$\Delta = 5'10" 21.2" (LT)$	$\Delta s = 1'14" 50.5"$	$\Delta s = 2'14" 59.4"$
$D = 1'39" 47.4"$	$Ls = 150.00'$	$Ls = 150.00'$
$L = 311.01'$	$LT = 100.00'$	$LT = 100.01'$
$T = 155.61'$	$ST = 50.00'$	$ST = 50.01'$
$R = 3,445.00'$		
$SE = 0.03$		



MATCHLINE SEE SHEET 14
-L- STA 154+00

MATCHLINE SEE SHEET 16
-L- STA 167+00

PROF CONC SIDEWALK

NOTE: SEE SHEET 38 FOR -L- PROFILE
SEE SHEET 48 FOR -Y15- PROFILE
SEE SHEET 2B-3 FOR INTERSECTION DETAILS
BUS PADS WILL BE PAID FOR AS SIDEWALK

REVISIONS

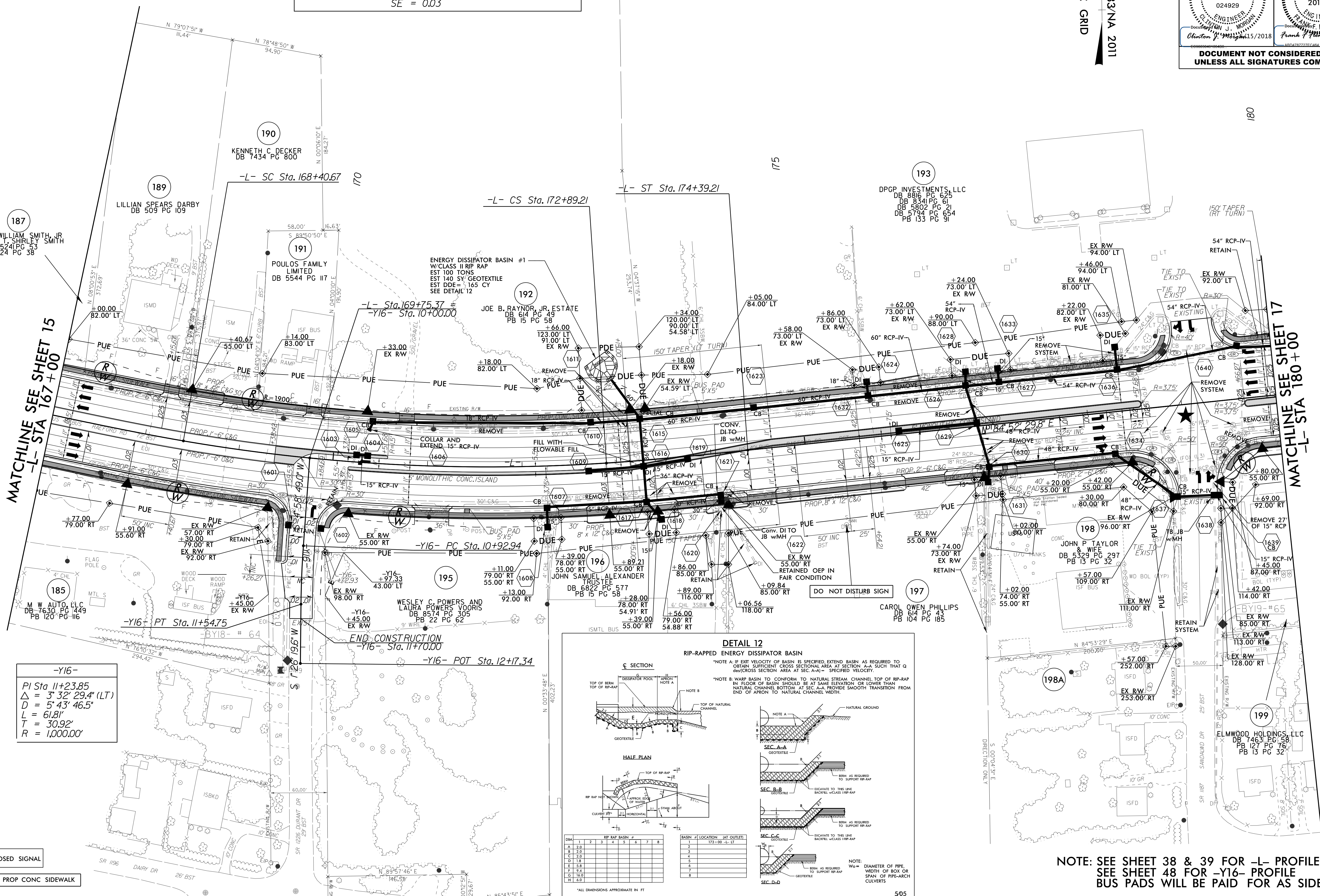
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PROJECT REFERENCE NO. U-4405		SHEET NO. 16	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

NAD 83/NA 2011
NC GRID

-L-

Pls Sta 167+90.68 θs = 2°14'59.4" Ls = 150.00' LT = 100.01' ST = 50.01'	PI Sta 170+65.98 Δ = 13°27'18.9" (LT) D = 2°59'59.2" L = 448.54' T = 225.31' R = 1,910.00' SE = 0.03	Pls Sta 173+39.22 θs = 2°14'59.4" Ls = 150.00' LT = 100.01' ST = 50.01'
---	--	---



187
MARVIN WILLIAM SMITH, JR
AND WIFE, L. SHIRLEY SMITH
DB 5241 PG 53
PB 24 PG 38

189
LILLIAN SPEARS DARBY
DB 509 PG 109

190
KENNETH C. DECKER
DB 7434 PG 800

191
POULOS FAMILY
LIMITED
DB 5544 PG 117

192
JOE B. RAYNOR, JR., ESTATE
DB 614 PG 49
PB 15 PG 58

193
DPGP INVESTMENTS, LLC
DB 8816 PG 625
DB 8341 PG 61
DB 5802 PG 21
DB 5794 PG 654
PB 133 PG 91

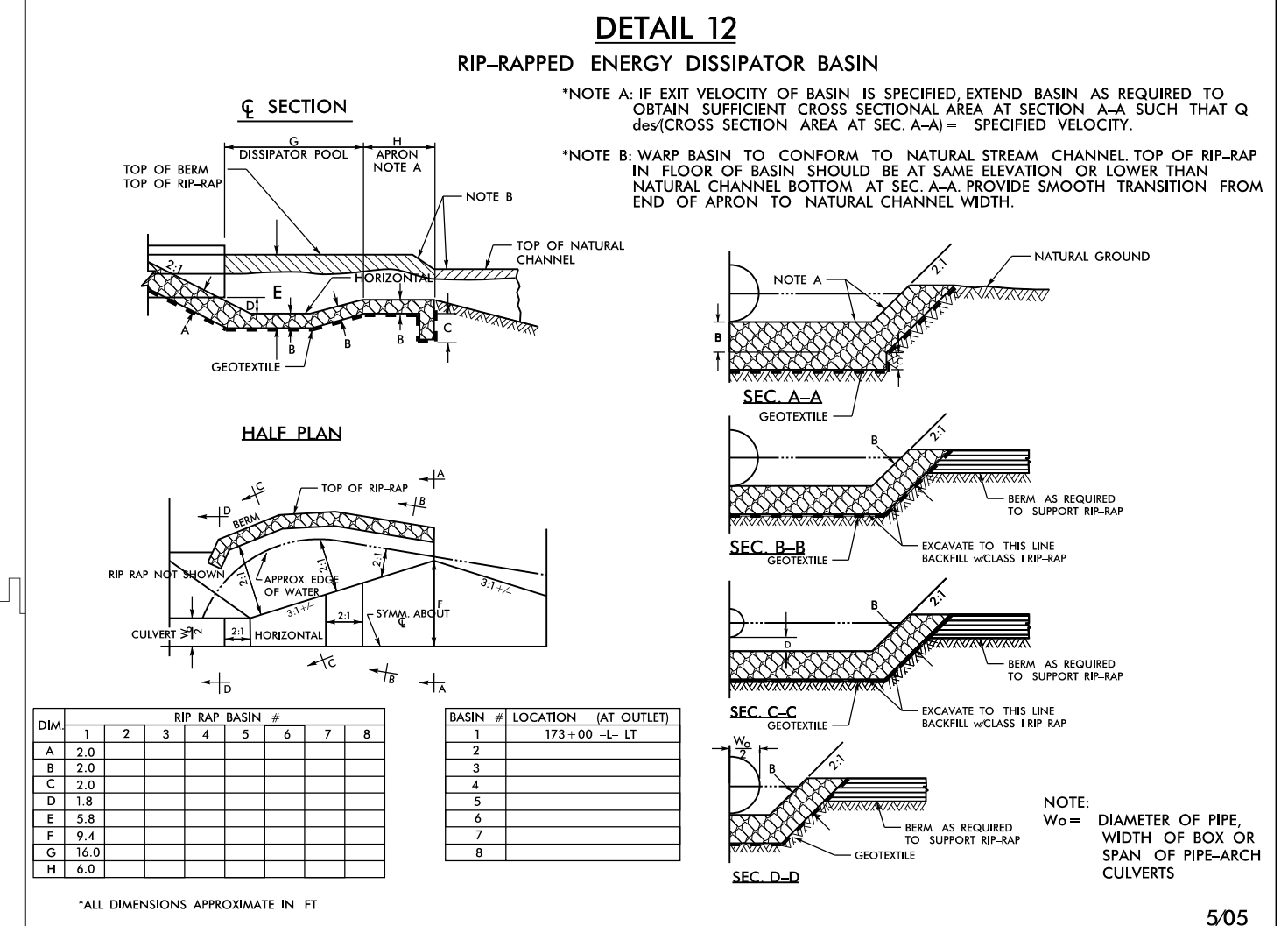
MATCHLINE SEE SHEET 15
-L- STA 167+00

MATCHLINE SEE SHEET 17
-L- STA 180+00

-Y16-

PI Sta 11+23.85 Δ = 3°32'29.4" (LT) D = 5°43'46.5" L = 61.81' T = 30.92' R = 1,000.00'

-Y16- POT Sta. 12+17.34

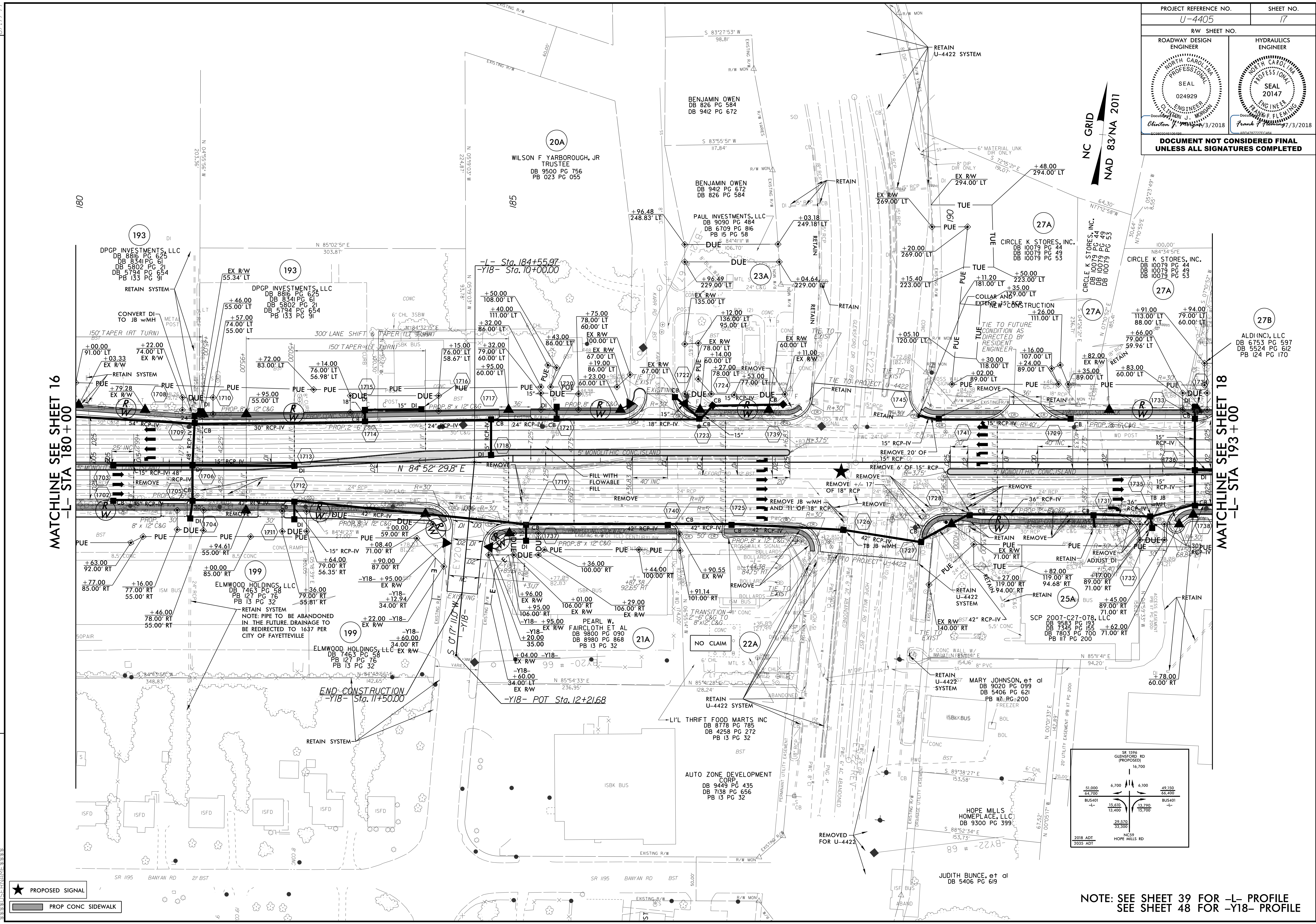


NOTE: SEE SHEET 38 & 39 FOR -L- PROFILE
SEE SHEET 48 FOR -Y16- PROFILE
BUS PADS WILL BE PAID FOR AS SIDEWALK

★ PROPOSED SIGNAL
▬ PROP CONC SIDEWALK

REVISIONS
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 8/17/99

PROJECT REFERENCE NO. U-4405		SHEET NO. 17	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		U-4422 SYSTEM	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



MATCHLINE SEE SHEET 16
-L- STA 180+00

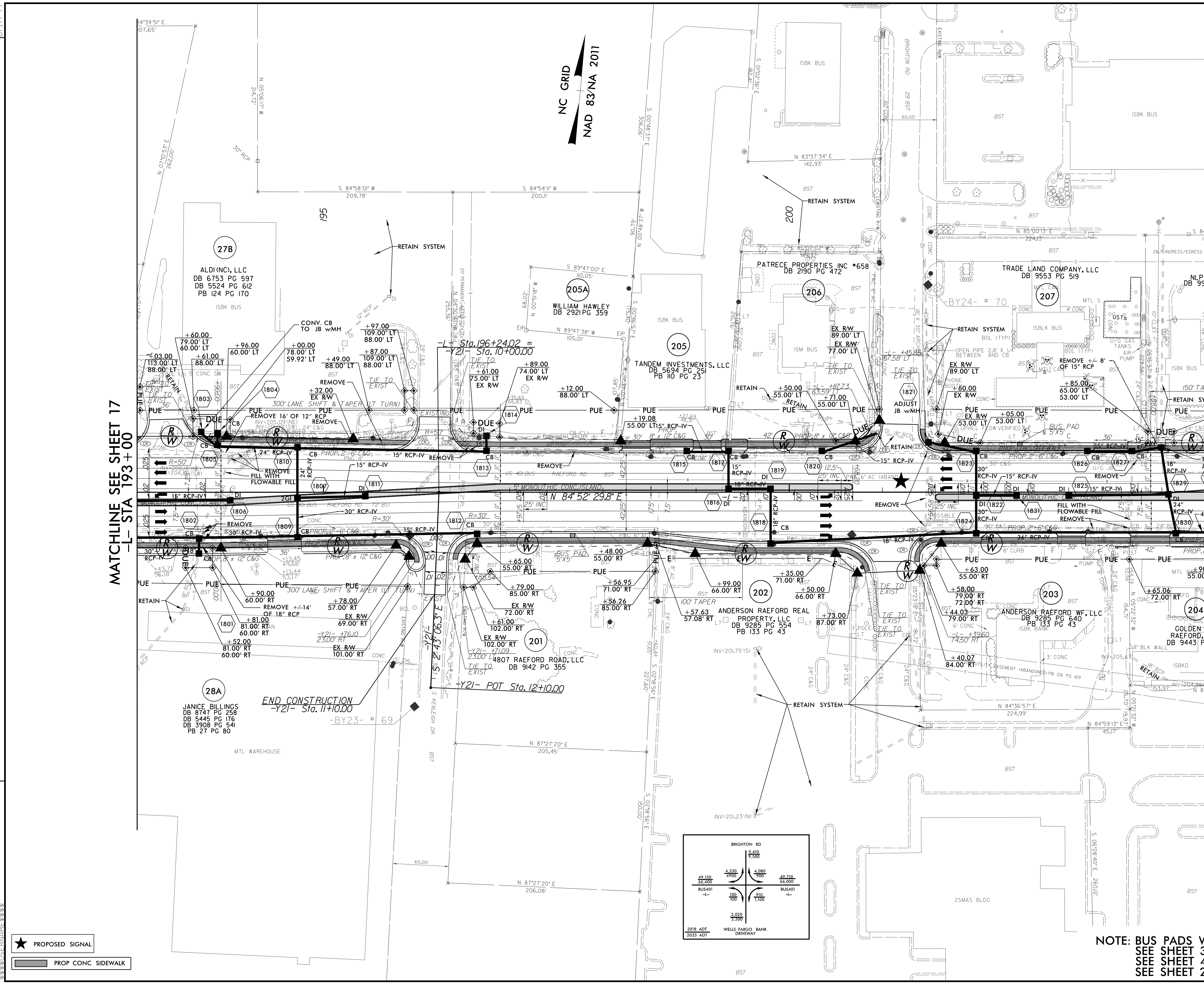
MATCHLINE SEE SHEET 18
-L- STA 193+00

- PROPOSED SIGNAL
- PROP CONC SIDEWALK

NOTE: SEE SHEET 39 FOR -L- PROFILE
SEE SHEET 48 FOR -Y18- PROFILE

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 07-JUL-2018 12:22
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 17.dgn
 17.dgn

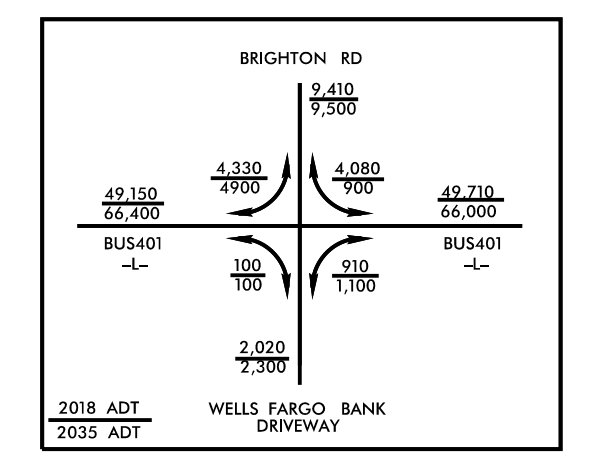
PROJECT REFERENCE NO. U-4405		SHEET NO. 18	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		SEAL 20147	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



MATCHLINE SEE SHEET 17
-L- STA 193+00

MATCHLINE SEE SHEET 19
-L- STA 205+00

END CONSTRUCTION
-Y21- Sta. 11+10.00



NOTE: BUS PADS WILL BE PAID FOR AS SIDEWALK
SEE SHEET 39 FOR -L- PROFILE
SEE SHEET 48 FOR -Y21- PROFILE
SEE SHEET 2B-3 FOR INTERSECTION DETAILS

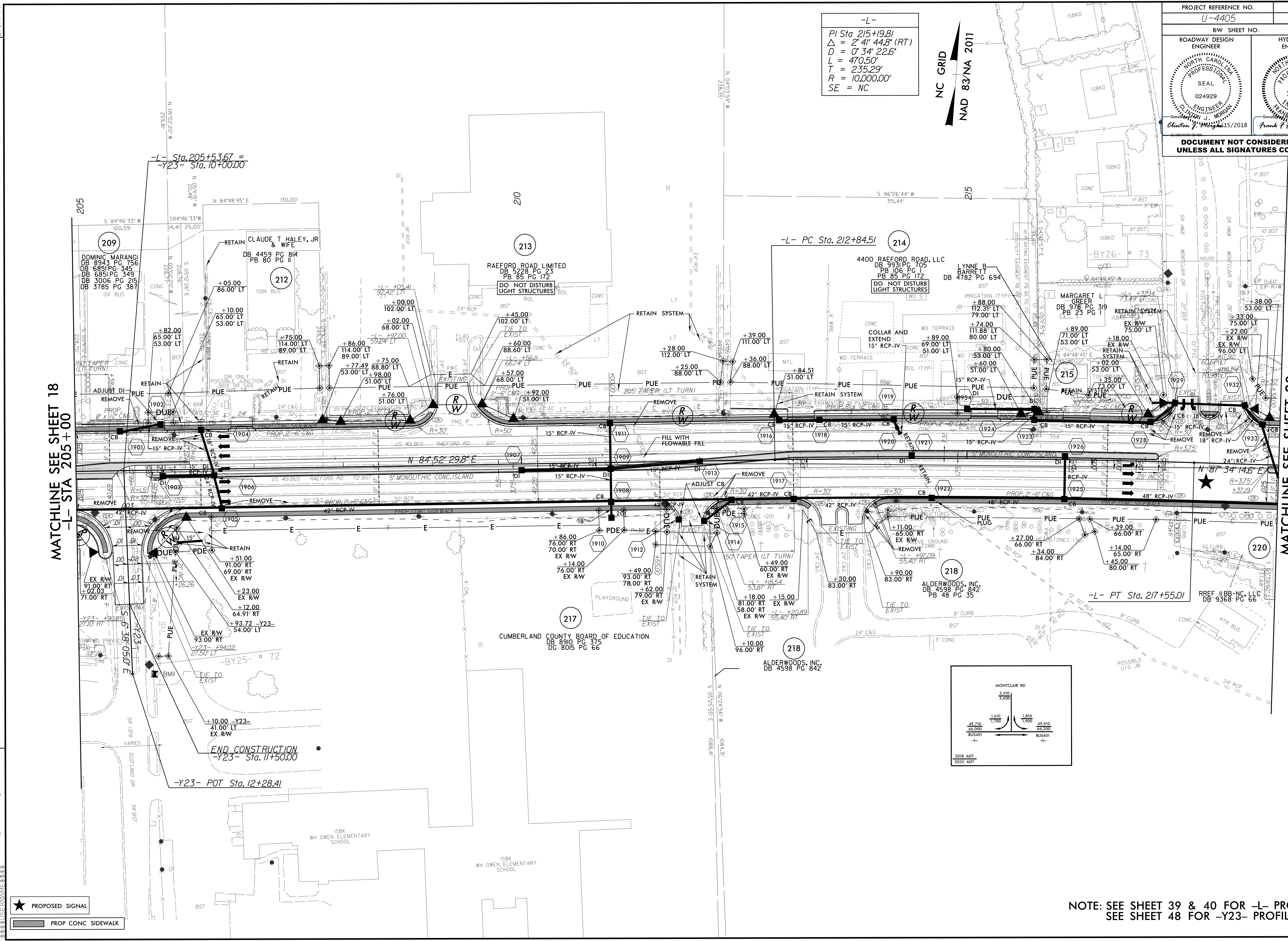
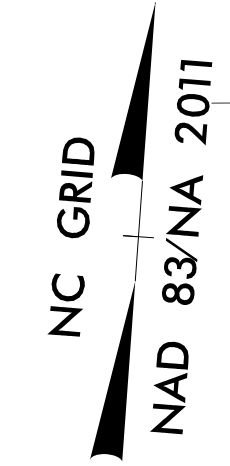
- PROPOSED SIGNAL
- PROP CONC SIDEWALK

REVISIONS

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15 JUN 2018 16:37
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PROJECT REFERENCE NO. U-4405		SHEET NO. 19	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		SEAL 20147	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

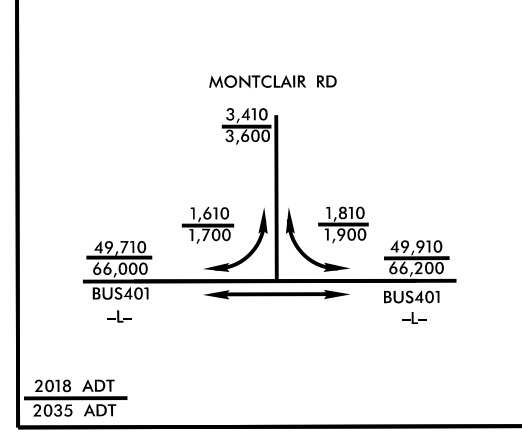
-L-
 PI Sta. 215+19.81
 $\Delta = 2^\circ 41' 44.8" (RT)$
 $D = 0^\circ 34' 22.6"$
 $L = 470.50'$
 $T = 235.29'$
 $R = 10,000.00'$
 SE = NC



MATCHLINE SEE SHEET 18
-L- STA 205+00

MATCHLINE SEE SHEET 20
-L- STA 218+50

- PROPOSED SIGNAL
- PROP CONC SIDEWALK



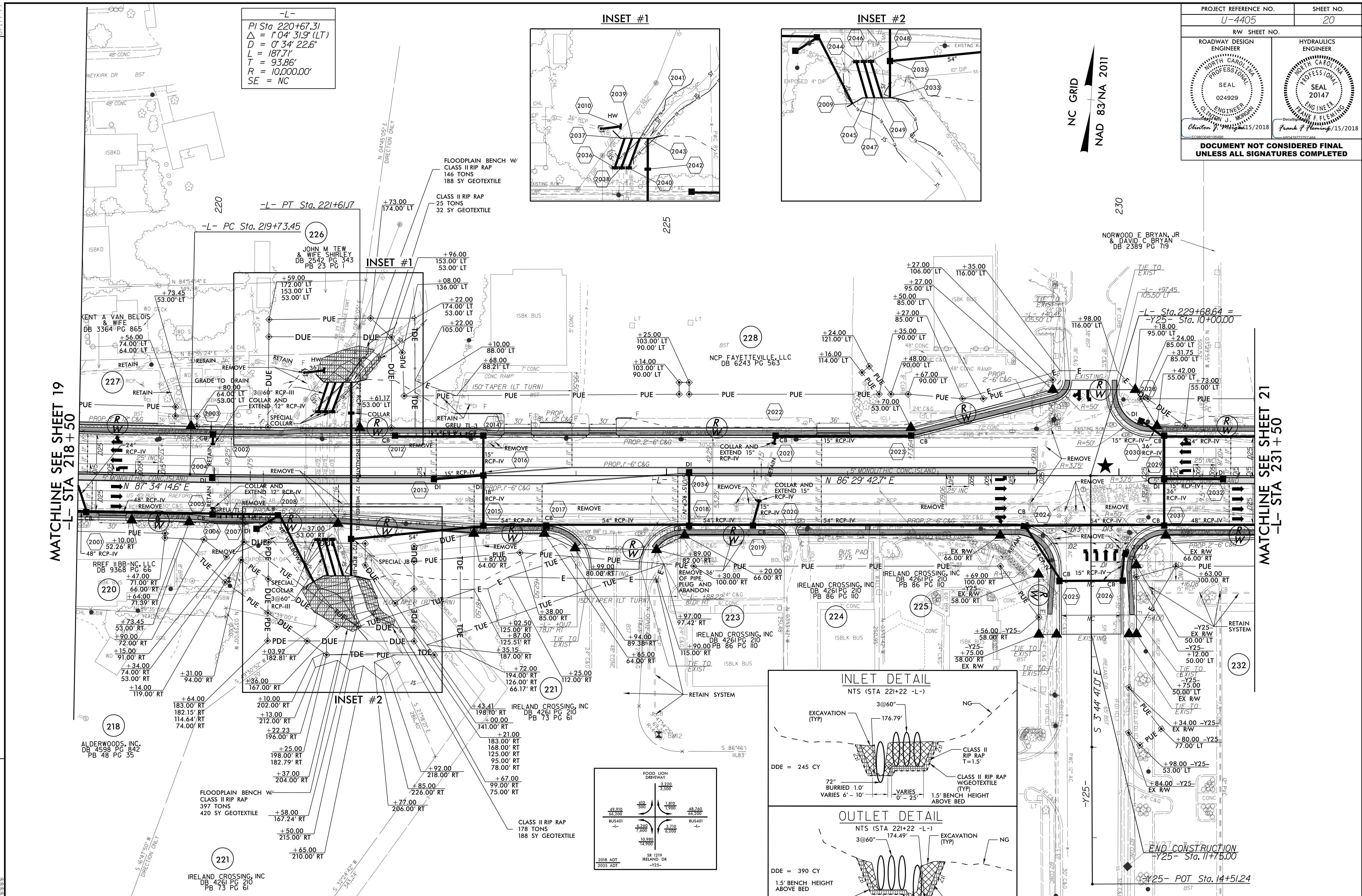
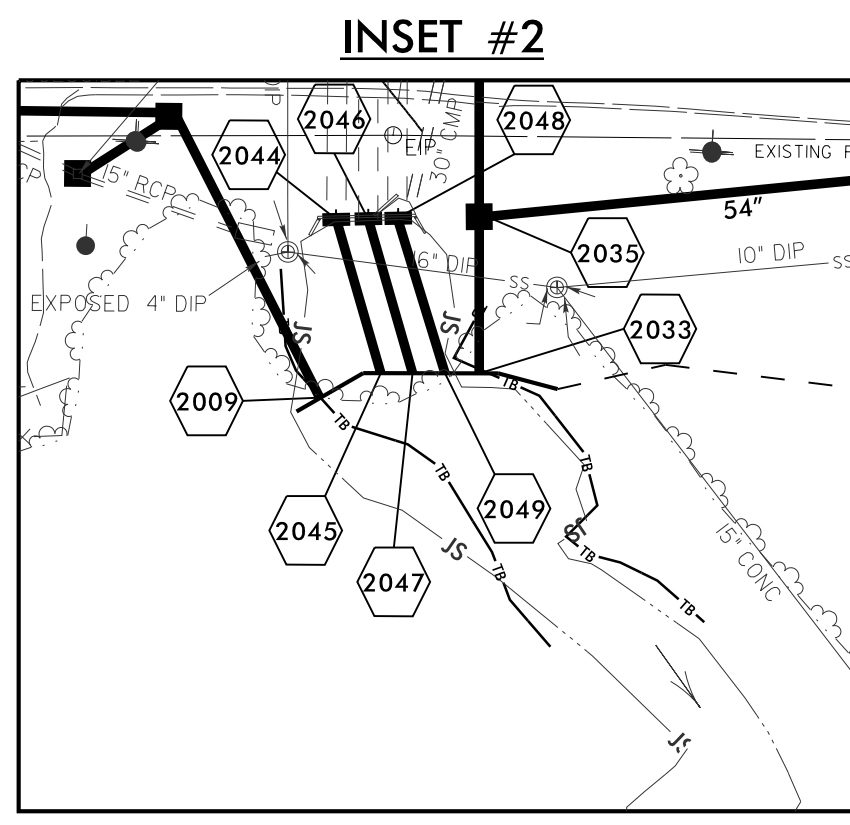
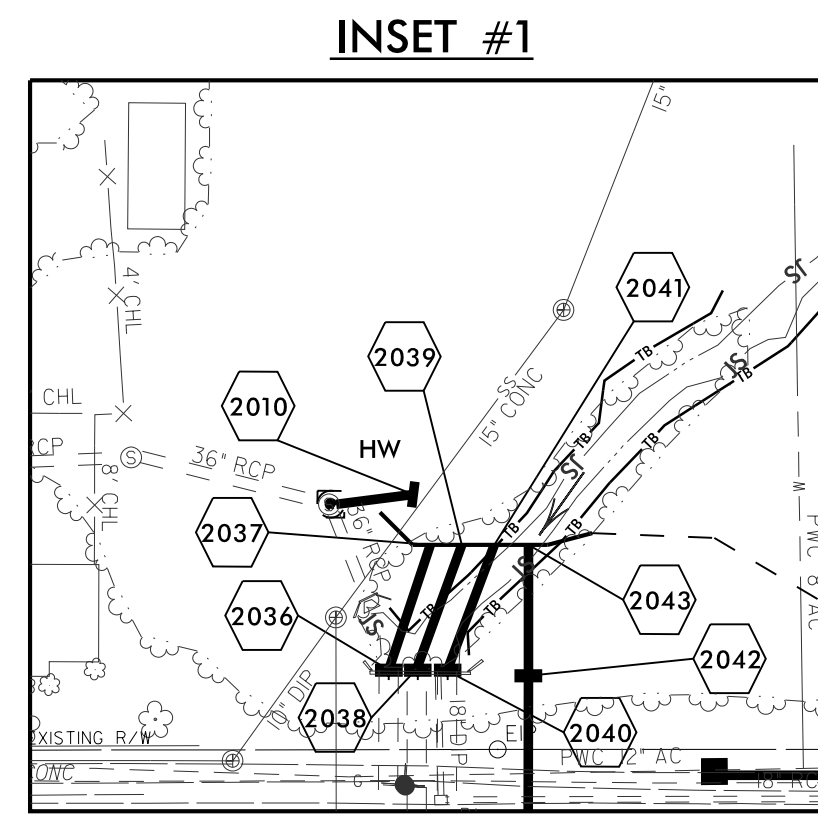
NOTE: SEE SHEET 39 & 40 FOR -L- PROFILE
SEE SHEET 48 FOR -Y23- PROFILE

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PROJECT REFERENCE NO. U-4405		SHEET NO. 20	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>			

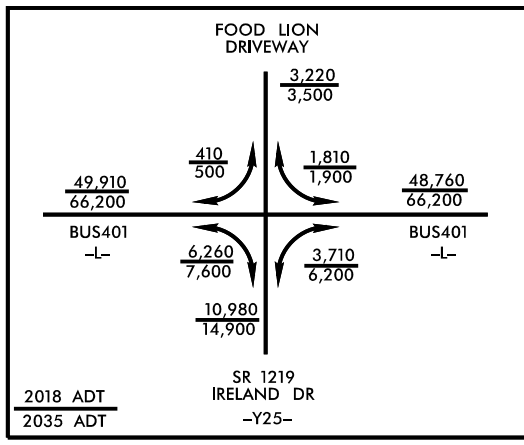
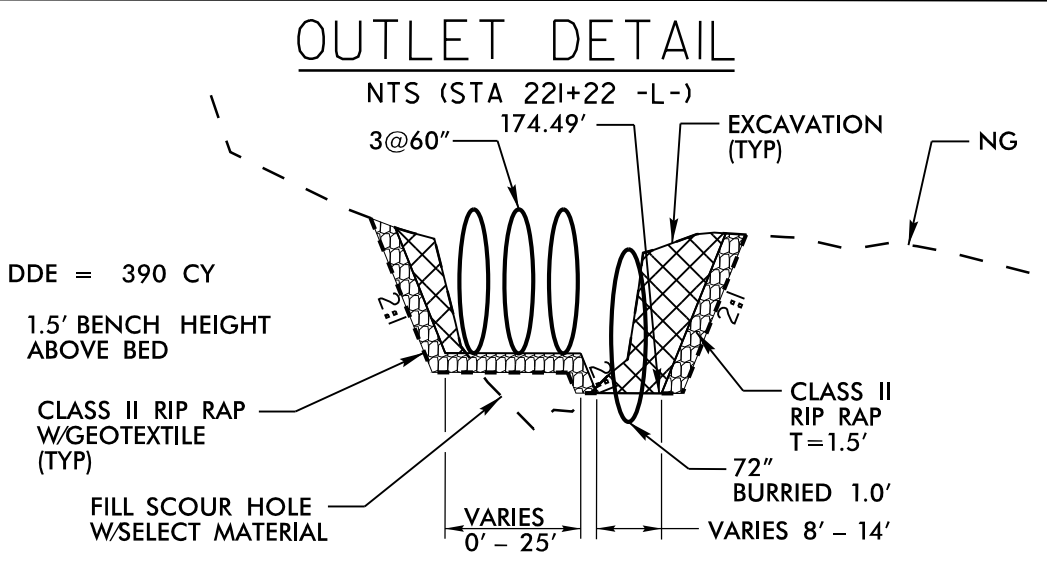
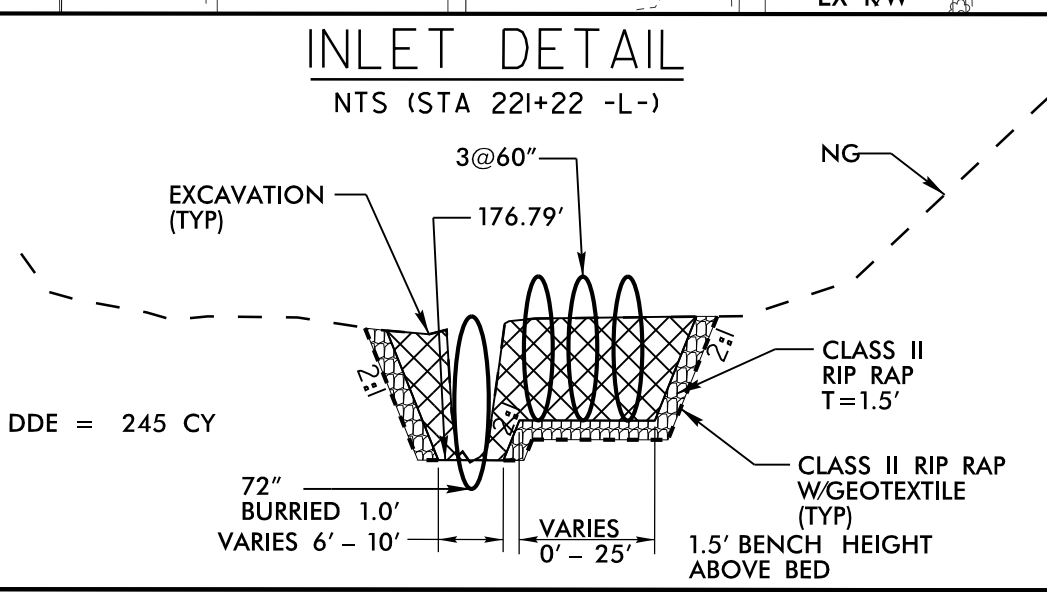
NC GRID
NAD 83/NA 2011

-L-
PI Sta. 220+67.31
 $\Delta = 1' 04" 31.9" (LT)$
 $D = 0' 34" 22.6"$
 $L = 187.71'$
 $T = 93.86'$
 $R = 10,000.00'$
SE = NC



MATCHLINE SEE SHEET 19
-L- STA 218 +50

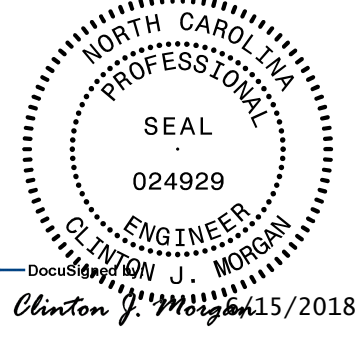

MATCHLINE SEE SHEET 21
-L- STA 231 +50



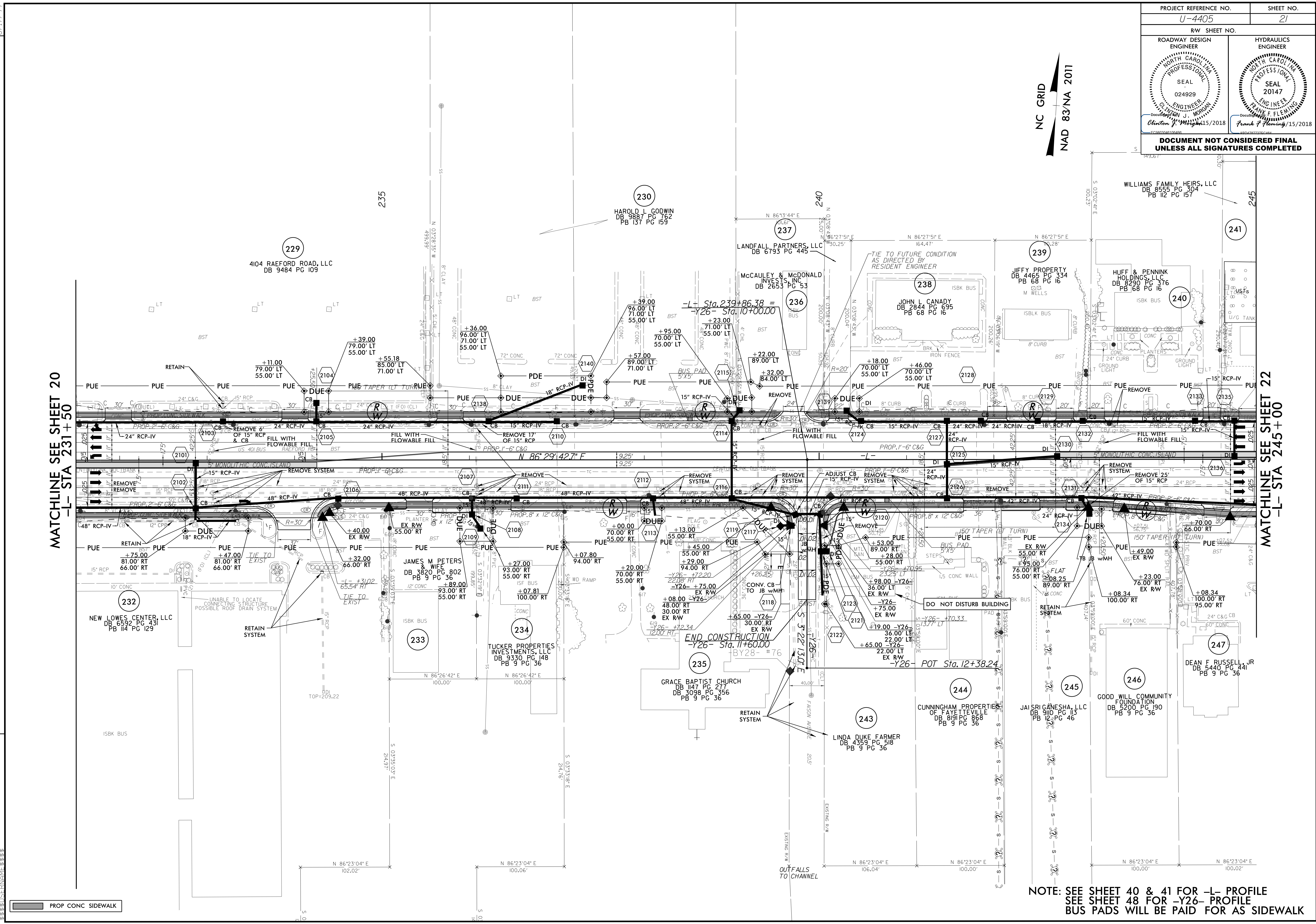
★ PROPOSED SIGNAL
▬ PROP CONC SIDEWALK

NOTE: SEE SHEET 40 FOR -L- PROFILE
SEE SHEET 48 FOR -Y25- PROFILE
BUS PADS WILL BE PAID FOR AS SIDEWALK

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PROJECT REFERENCE NO. U-4405		SHEET NO. 21	
RW SHEET NO.		HYDRAULICS	
ROADWAY DESIGN ENGINEER		ENGINEER	
			
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

NC GRID
NAD 83/NA 2011



MATCHLINE SEE SHEET 20
-L- STA 231+50

MATCHLINE SEE SHEET 22
-L- STA 245+00

REVISIONS

PROP CONC SIDEWALK

NOTE: SEE SHEET 40 & 41 FOR -L- PROFILE
SEE SHEET 48 FOR -Y26- PROFILE
BUS PADS WILL BE PAID FOR AS SIDEWALK

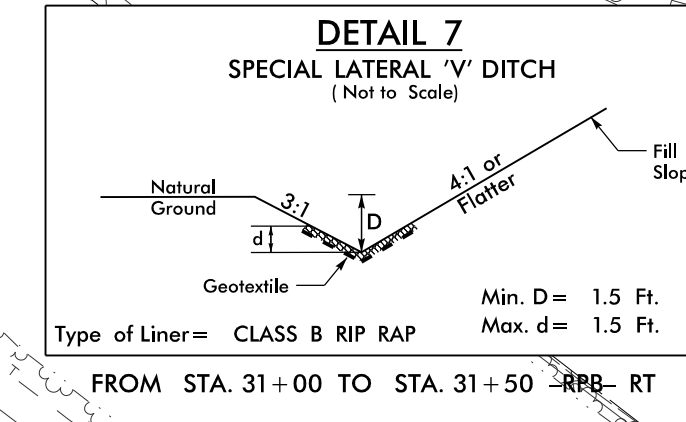
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PROJECT REFERENCE NO. U-4405		SHEET NO. 22	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		SEAL 20147	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

-L-	-RPB-	-AA-
Pls Sta 257+51.40 $\Theta_s = 0' 31' 15.1''$ $L_s = 100.00'$ $LT = 66.67'$ $ST = 33.33'$	Pl Sta 258+20.74 $\Delta = 0' 45' 00.9''$ (LT) $D = 1' 02' 30.3''$ $L = 72.02'$ $T = 36.01'$ $R = 5,500.00'$ $SE = 0.025$	Pls Sta 37+96.65 $\Theta_s = 5' 00' 00.0''$ $L_s = 400.00'$ $LT = 266.77'$ $ST = 133.43'$

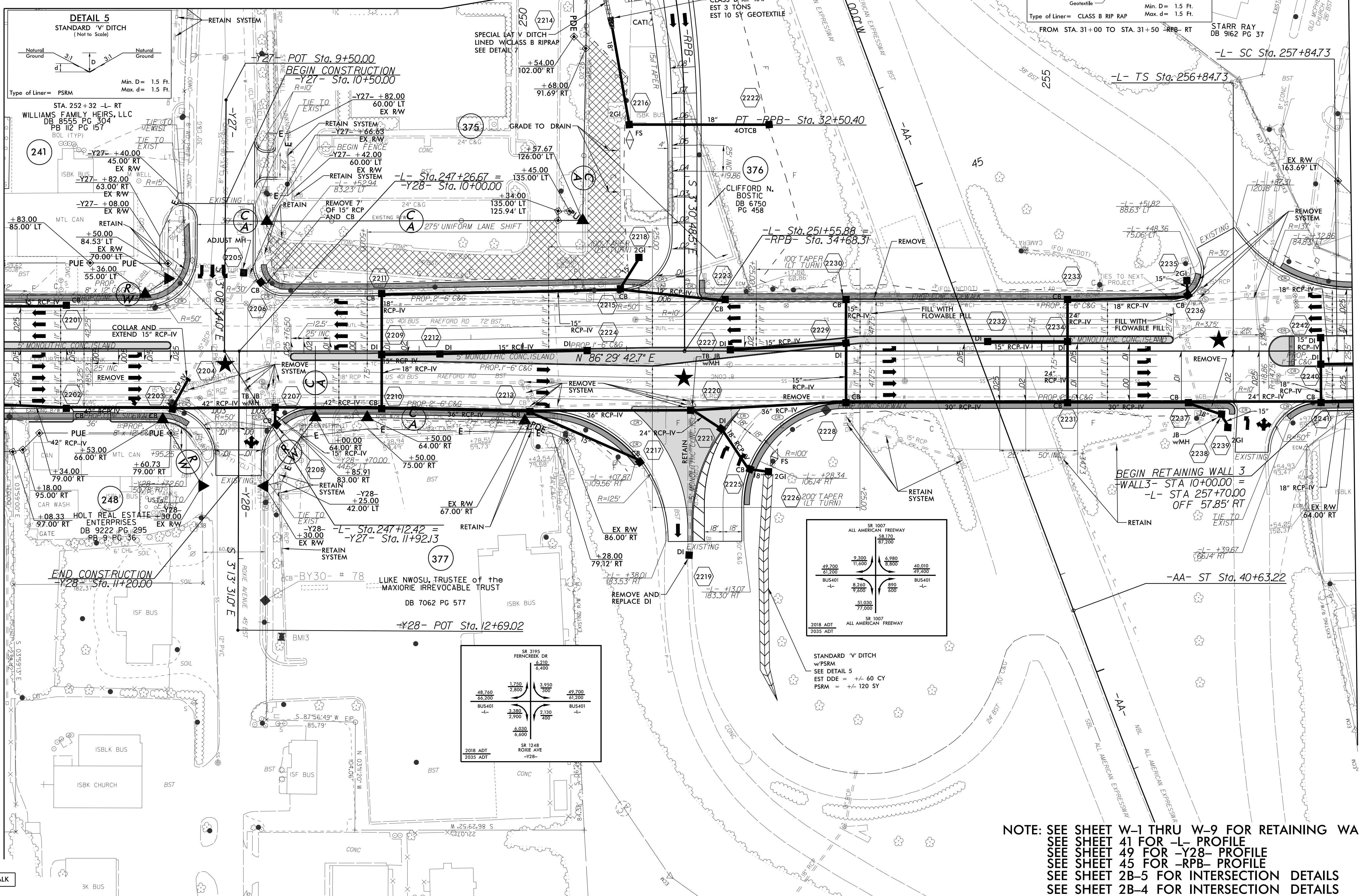
NC GRID
NAD 83/NA 2011

MATCHLINE SEE SHEET 31
-RPB- STA 31+00



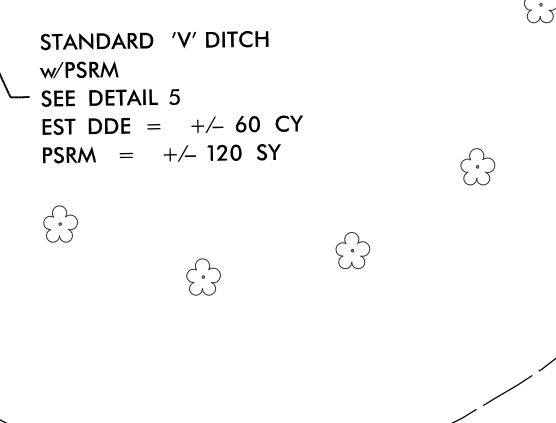
MATCHLINE SEE SHEET 21
-L- STA 245+00

MATCHLINE SEE SHEET 23
-L- STA 258+00



SR 1007 ALL AMERICAN FREEWAY			
49 700	9 300	6 880	40 010
81 200	11 600	8 800	27 600
BUS401	BUS401	BUS401	BUS401
8 260	9 800	8 900	800
-1 030	77 000		
2018 ADT	2035 ADT	SR 1007 ALL AMERICAN FREEWAY	

SR 3195 FERNCREEK DR			
48 740	1 750	3 950	49 700
83 200	7 800	300	41 700
BUS401	BUS401	BUS401	BUS401
3 380	2 900	2 130	200
6 030	6 000		
2018 ADT	2035 ADT	SR 1248 ROXIE AVE	-Y78-

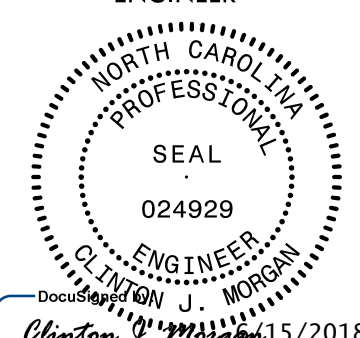
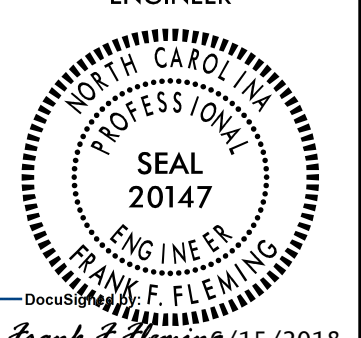


NOTE: SEE SHEET W-1 THRU W-9 FOR RETAINING WALL PLANS
 SEE SHEET 41 FOR -L- PROFILE
 SEE SHEET 49 FOR -Y28- PROFILE
 SEE SHEET 45 FOR -RPB- PROFILE
 SEE SHEET 2B-5 FOR INTERSECTION DETAILS
 SEE SHEET 2B-4 FOR INTERSECTION DETAILS

★ PROPOSED SIGNAL

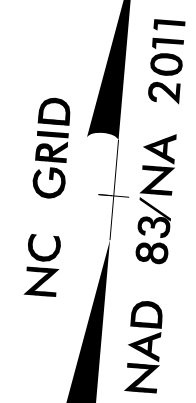
■ PROP CONC SIDEWALK

8/17/99
 14-JUN-2018 2:12
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 \$\$\$\$DISPATCHNAME\$\$\$\$

PROJECT REFERENCE NO. U-4405	SHEET NO. 23
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

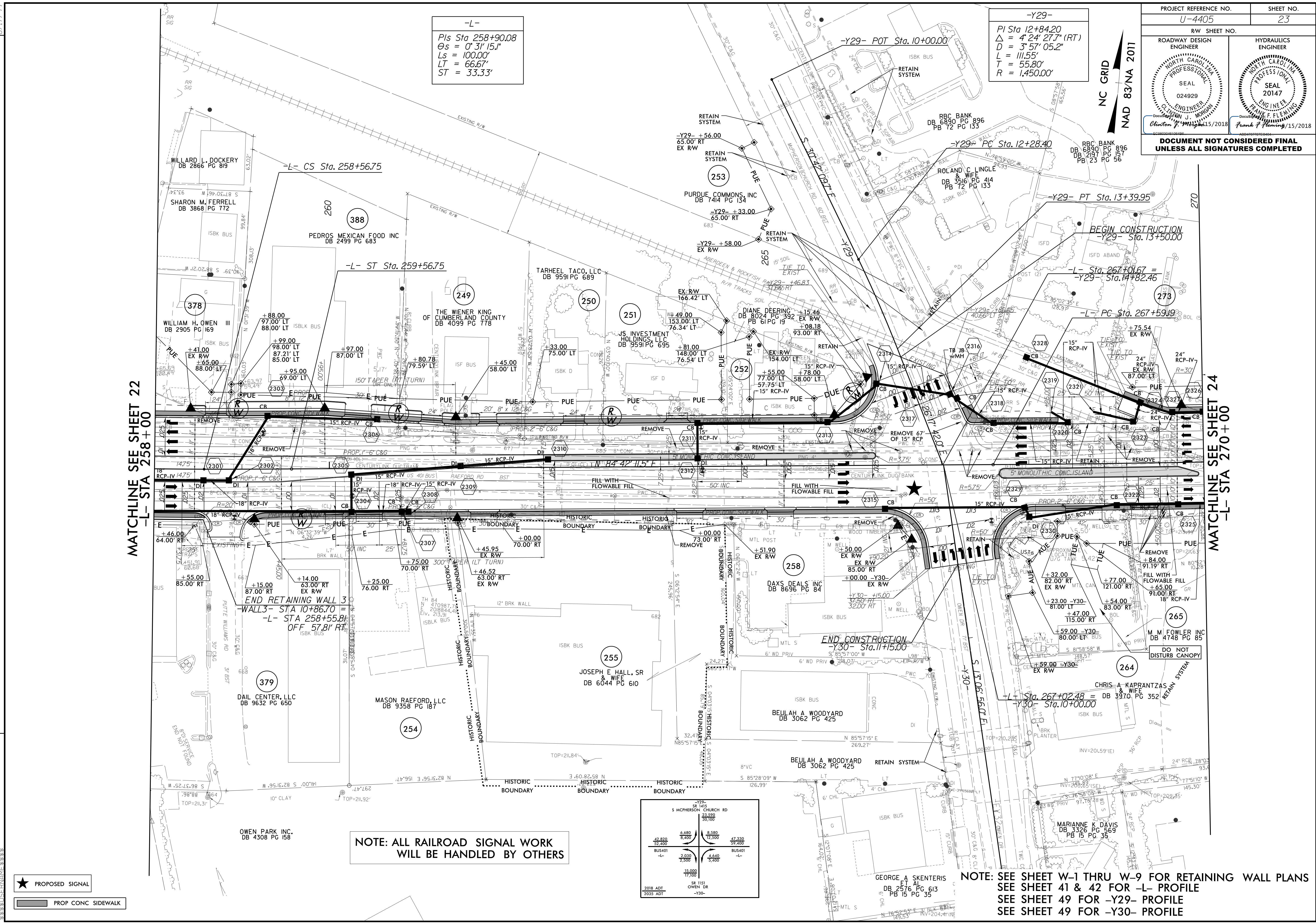
-L-
 PIs Sta 258+90.08
 Os = 0' 31' 15.1"
 Ls = 100.00'
 LT = 66.67'
 ST = 33.33'

-Y29-
 PI Sta 12+84.20
 Δ = 4' 24' 27.7" (RT)
 D = 3' 57' 05.2"
 L = 111.55'
 T = 55.80'
 R = 1,450.00'

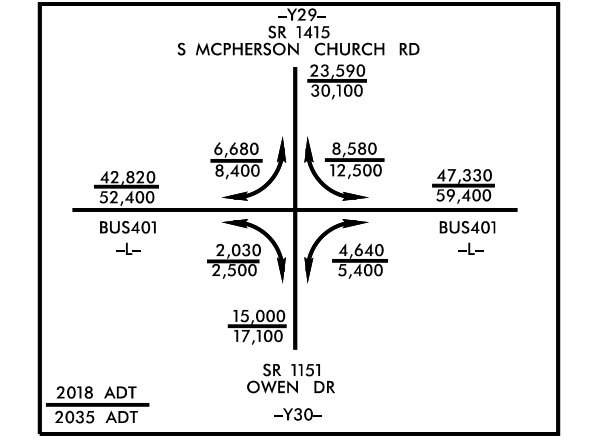


MATCHLINE SEE SHEET 22
-L- STA 258+00

MATCHLINE SEE SHEET 24
-L- STA 270+00



**NOTE: ALL RAILROAD SIGNAL WORK
WILL BE HANDLED BY OTHERS**



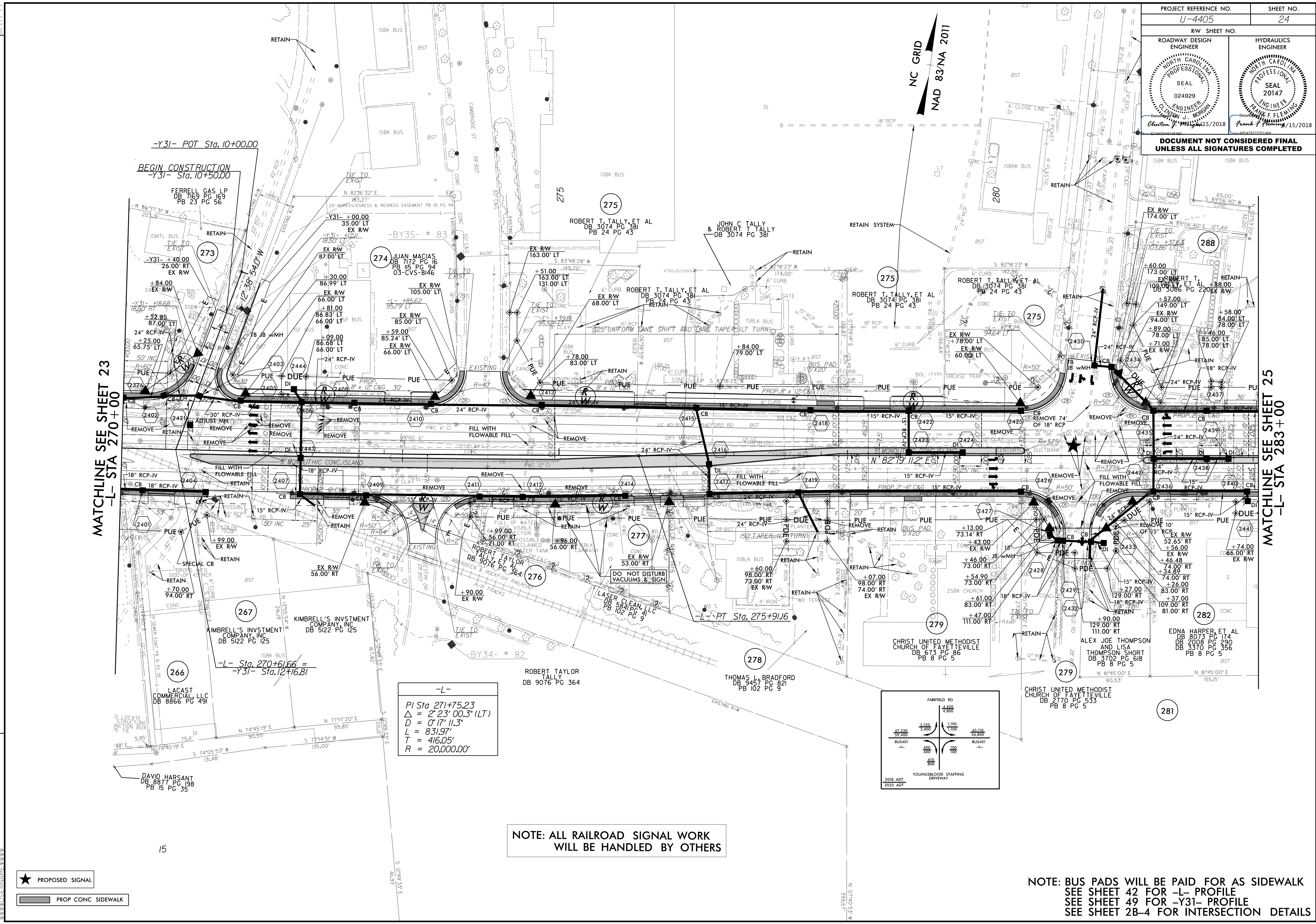
**NOTE: SEE SHEET W-1 THRU W-9 FOR RETAINING WALL PLANS
SEE SHEET 41 & 42 FOR -L- PROFILE
SEE SHEET 49 FOR -Y29- PROFILE
SEE SHEET 49 FOR -Y30- PROFILE**

REVISIONS

6.17.7.99

14 JUN 2018 2:12 PM
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S:\Projects\U4405\RDW\U4405\RDW_PSH_23.dgn

PROJECT REFERENCE NO. U-4405	SHEET NO. 24
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	SEAL 20147
Document No. 15/2018	Document No. 15/2018
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



REVISIONS

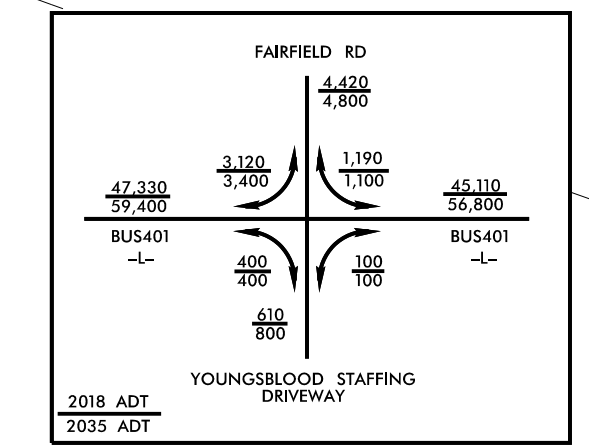
MATCHLINE SEE SHEET 23
-L- STA 270+00

MATCHLINE SEE SHEET 25
-L- STA 283+00

-L-

P Sta 271+75.23
 $\Delta = 2' 23'' 00.3''$ (LT)
 $D = 0' 17'' 11.3''$
 $L = 831.97'$
 $T = 416.05'$
 $R = 20,000.00'$

NOTE: ALL RAILROAD SIGNAL WORK
WILL BE HANDLED BY OTHERS

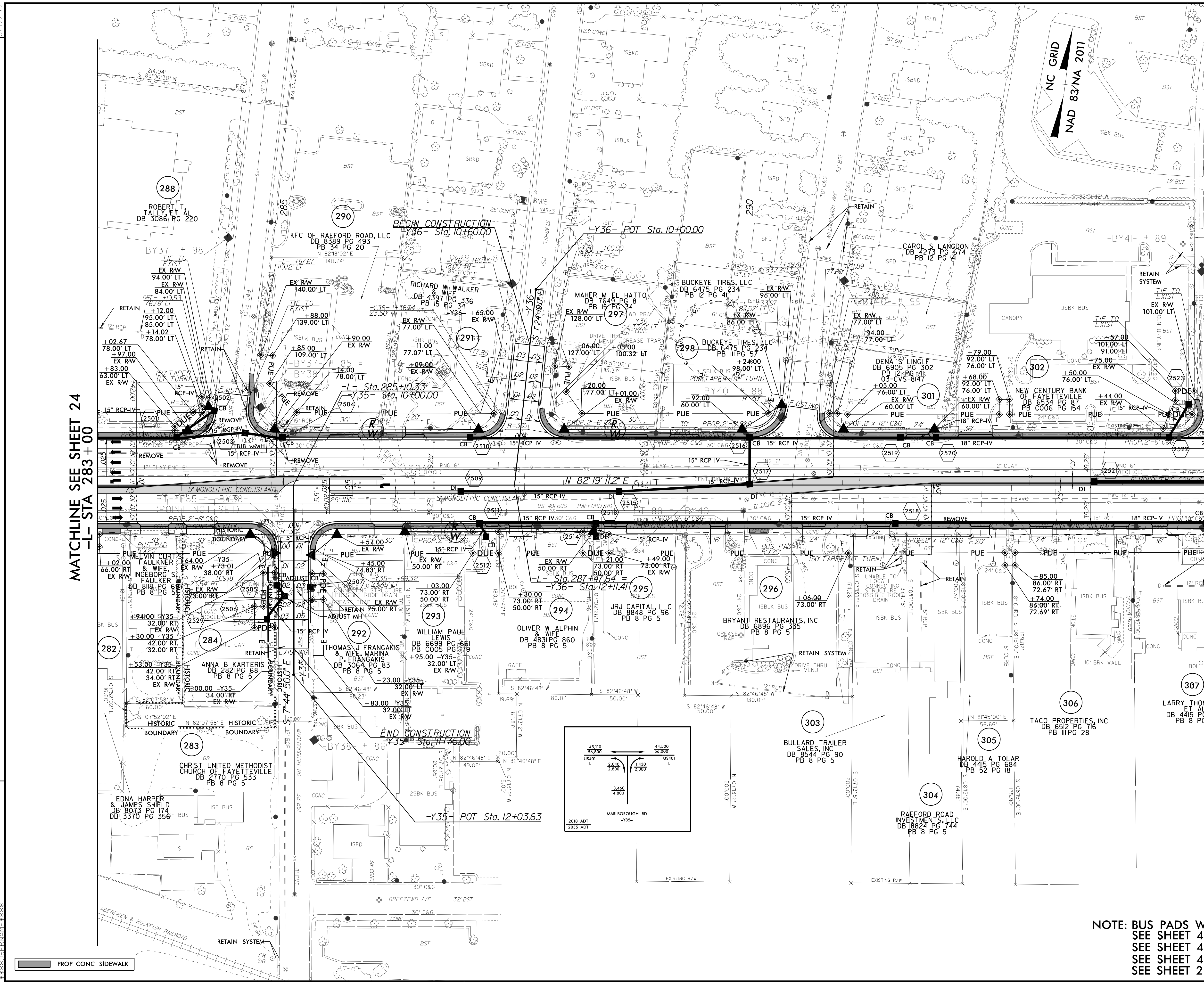


NOTE: BUS PADS WILL BE PAID FOR AS SIDEWALK
SEE SHEET 42 FOR -L- PROFILE
SEE SHEET 49 FOR -Y31- PROFILE
SEE SHEET 2B-4 FOR INTERSECTION DETAILS

- PROPOSED SIGNAL
- PROP CONC SIDEWALK

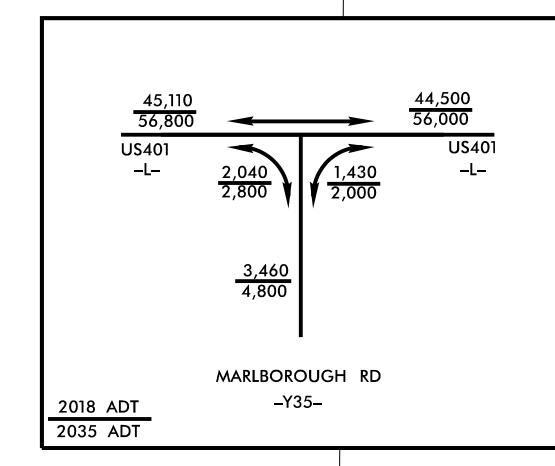
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PROJECT REFERENCE NO. U-4405		SHEET NO. 25	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		SEAL 20147	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>			



MATCHLINE SEE SHEET 24
-L- STA 283+00

MATCHLINE SEE SHEET 26
-L- STA 296+00

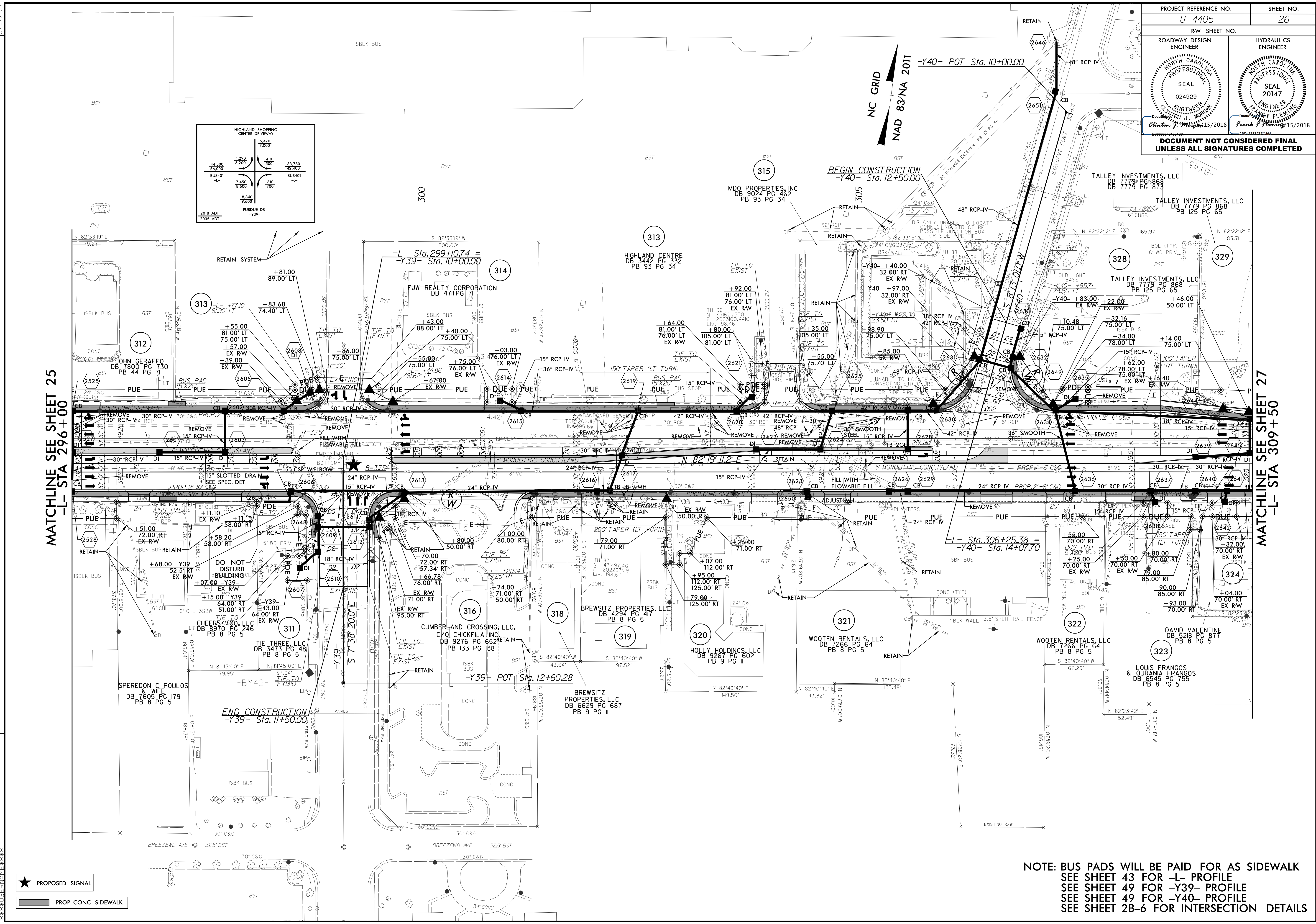


NOTE: BUS PADS WILL BE PAID FOR AS SIDEWALK
 SEE SHEET 42 & 43 FOR -L- PROFILE
 SEE SHEET 49 FOR -Y35- PROFILE
 SEE SHEET 49 FOR -Y36- PROFILE
 SEE SHEET 2B-6 FOR INTERSECTION DETAILS

PROF CONC SIDEWALK

15 JUN 2018 14:30
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 8:58 AM

PROJECT REFERENCE NO. U-4405		SHEET NO. 26	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		SEAL 20147	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



MATCHLINE SEE SHEET 25
-L- STA 296+00

MATCHLINE SEE SHEET 27
-L- STA 309+50

- ★ PROPOSED SIGNAL
- ▬ PROP CONC SIDEWALK

NOTE: BUS PADS WILL BE PAID FOR AS SIDEWALK
 SEE SHEET 43 FOR -L- PROFILE
 SEE SHEET 49 FOR -Y39- PROFILE
 SEE SHEET 49 FOR -Y40- PROFILE
 SEE SHEET 28-6 FOR INTERSECTION DETAILS

15-JUN-2018 16:38
 R:\Projects\4405\4405_rdw_psh_26.dgn
 8:17/99

PROJECT REFERENCE NO. U-4405		SHEET NO. 27	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		SEAL	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p> <p>GENE S. AMMONS & WIFE DELORES DB 178 PG 359 PB 17 PG 41</p>			

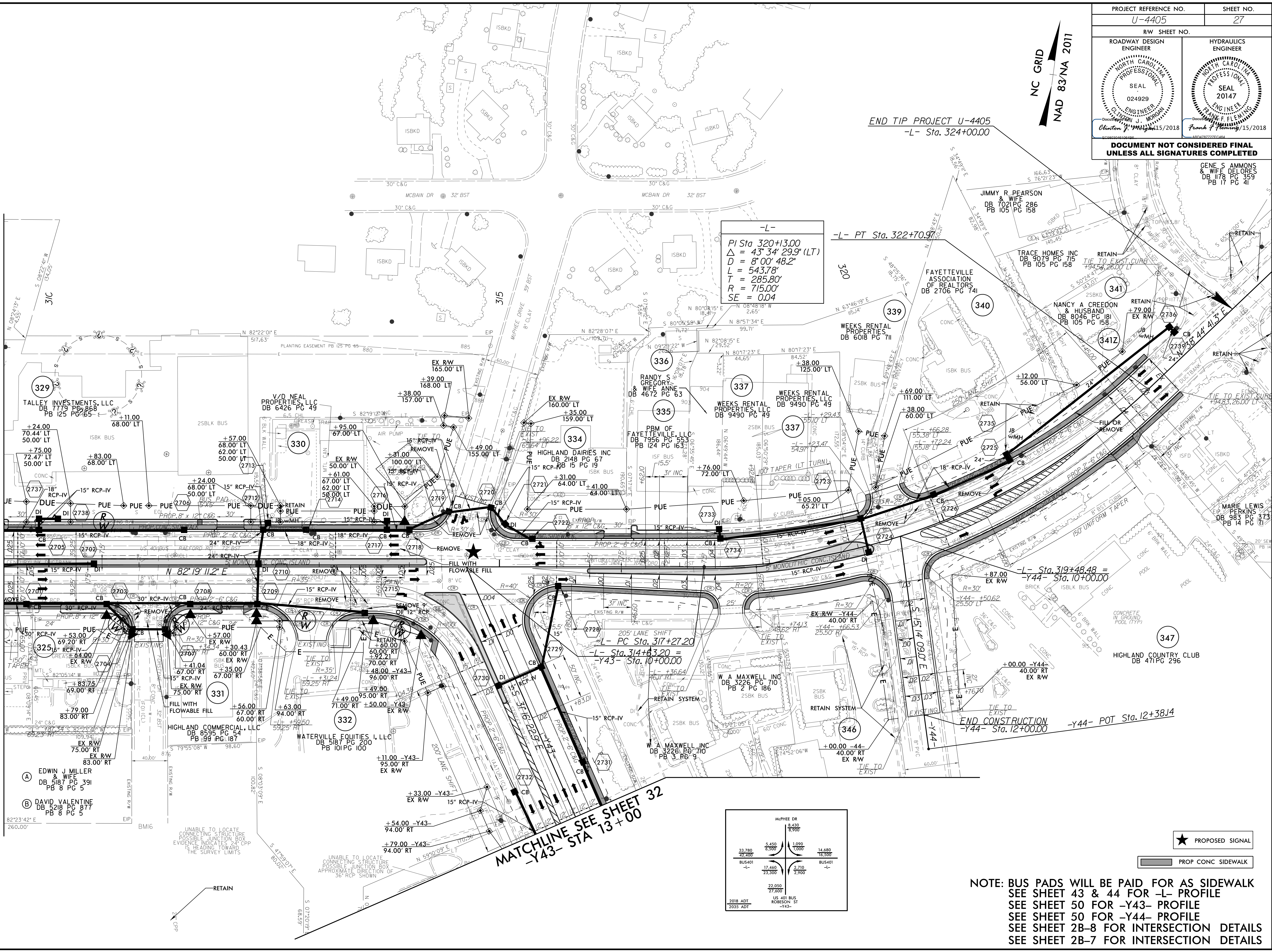
NC GRID
NAD 83/NA 2011

END TIP PROJECT U-4405
-L- Sta. 324+00.00

-L-
PI Sta 320+13.00
 $\Delta = 43^{\circ} 34' 29.9" (LT)$
 $D = 8^{\circ} 00' 48.2"$
 $L = 543.78'$
 $T = 285.80'$
 $R = 715.00'$
 $SE = 0.04$

MATCHLINE SEE SHEET 26
-L- STA 309+50

MATCHLINE SEE SHEET 32
-Y43- STA 13+00



REVISIONS

8/17/99

14 JUN 2018 2:12 PM
R:\Projects\4405_rdu.psh_27.dgn
\$\$\$\$DISPERNAME\$\$\$\$