

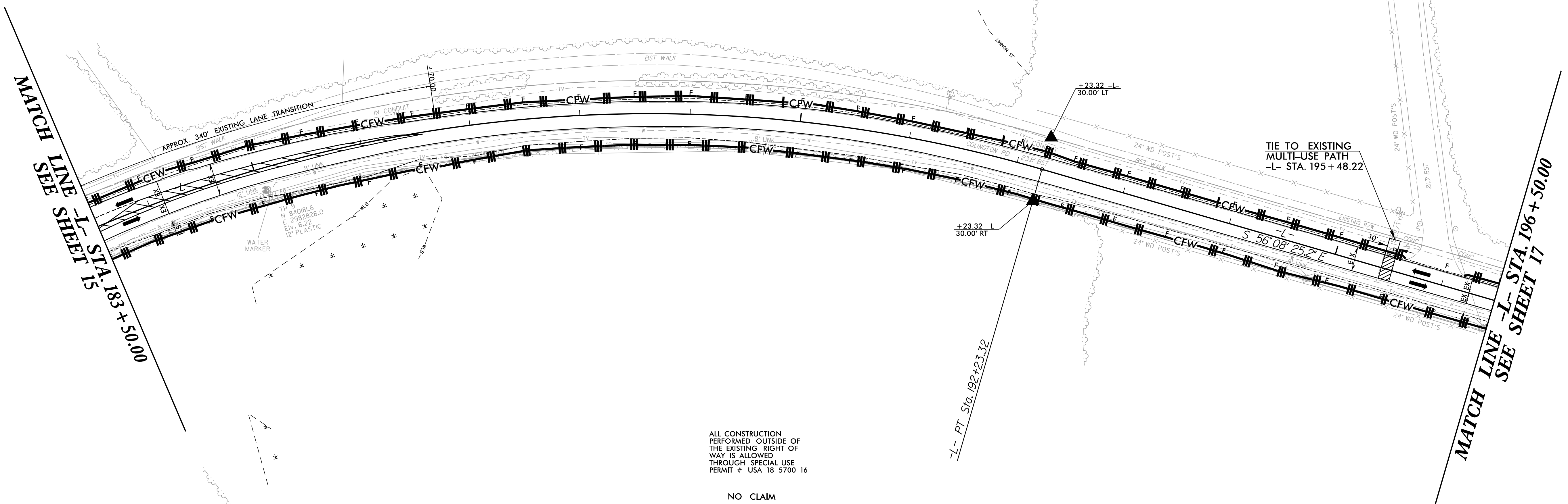
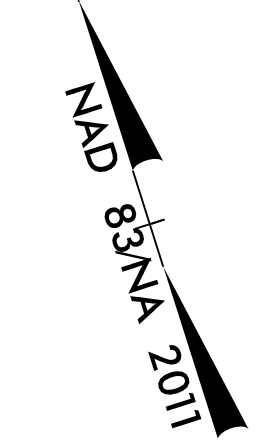
PROJECT REFERENCE NO.	SHEET NO.
R-5014	EC-33/CONST.16
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

-L-  
PI Sta 187+68.88  
 $\Delta = 43^{\circ}02'44.8" (RT)$   
 $D = 4^{\circ}30'00.0"$   
 $L = 956.57'$   
 $T = 502.13'$   
 $R = 1,273.24'$   
 $SE = EXIST.$   
 $V = 55 MPH$

ALL CONSTRUCTION PERFORMED OUTSIDE OF THE EXISTING RIGHT OF WAY IS ALLOWED THROUGH SPECIAL USE PERMIT # USA 18 5700 16

NO CLAIM

132  
UNITED STATES DEPARTMENT OF INTERIOR  
DB 78 - PG 206



ALL CONSTRUCTION PERFORMED OUTSIDE OF THE EXISTING RIGHT OF WAY IS ALLOWED THROUGH SPECIAL USE PERMIT # USA 18 5700 16

NO CLAIM

133  
UNITED STATES DEPARTMENT OF INTERIOR  
DB 78 - PG 206

PAVED SHOULDER

NOTES:  
DRIVEWAY RADII ARE 10' UNLESS OTHERWISE NOTED  
SEE SHEET 27 FOR -L- PROFILE

REVISIONS

8/17/99  
11/5/2018  
I:\Projects\Commentary\Design\RE014\_hyd\_EC\_psh\_33.dwg  
16:50:00

8/17/99

**CALYX**  
ENGINEERS + CONSULTANTS  
6750 TRYON ROAD  
CARY, NC 27518  
PHONE: 919.851.1912  
CALYXengineers.com  
NC License # F-1333  
Formerly Hulse Engineers & Consultants

PROJECT REFERENCE NO. <b>R-5014</b>	SHEET NO. <i>EC-34/CONST.17</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

-L-  
PI Sta 209+11.27  
 $\Delta = 62^{\circ}13'20.7"$  (LT)  
 $D = 6'05".00"$   
 $L = 1,022.83'$   
 $T = 568.41'$   
 $R = 941.85'$   
SE = EXIST.  
V = 50 MPH

ALL CONSTRUCTION PERFORMED OUTSIDE OF THE EXISTING RIGHT OF WAY IS ALLOWED THROUGH SPECIAL USE PERMIT # USA 18 5700 16

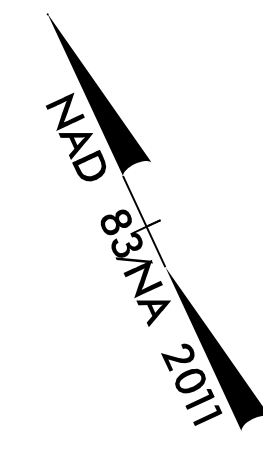
NO CLAIM

(132)  
UNITED STATES DEPARTMENT OF INTERIOR  
DB 78 - PG 206

NO CLAIM

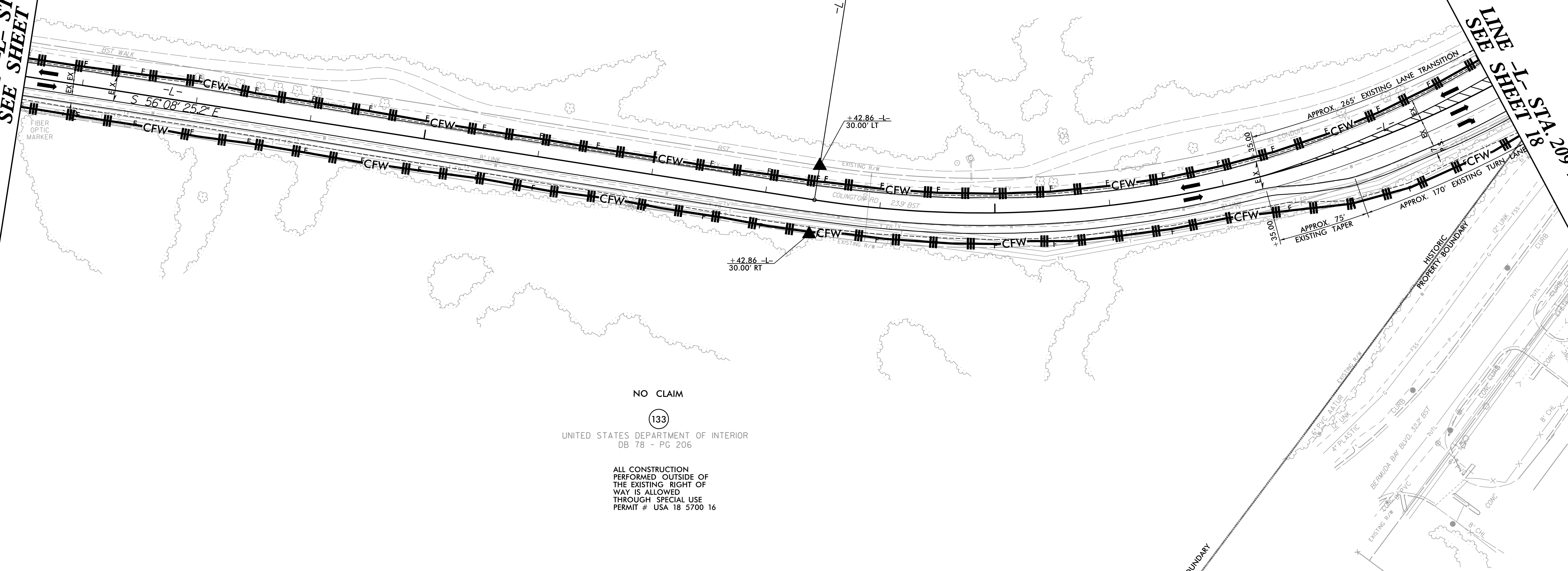
(133)  
UNITED STATES DEPARTMENT OF INTERIOR  
DB 78 - PG 206

ALL CONSTRUCTION PERFORMED OUTSIDE OF THE EXISTING RIGHT OF WAY IS ALLOWED THROUGH SPECIAL USE PERMIT # USA 18 5700 16



MATCH LINE -L- STA. 196 + 50.00  
SEE SHEET 16

MATCH LINE -L- STA. 209 + 50.00  
SEE SHEET 18

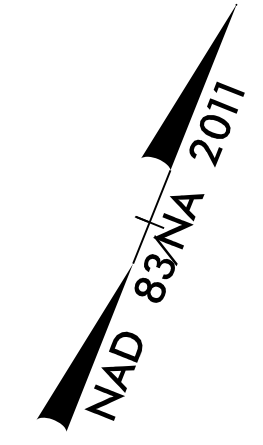


PAVED SHOULDER

NOTES:  
DRIVEWAY RADII ARE 10' UNLESS OTHERWISE NOTED  
SEE SHEET 27 AND 28 FOR -L- PROFILE

I:\5/2008\Projects\Commental\Design\RE014\_hyd\_EC\_psh\_34.dgn

-L-  
PI Sta 209+11.27  
 $\Delta = 62^{\circ}13'20.7''$  (LT)  
 $D = 6^{\circ}05'00.0''$   
 $L = 1,022.83'$   
 $T = 568.41'$   
 $R = 941.85'$   
SE = EXIST.  
V = 50 MPH

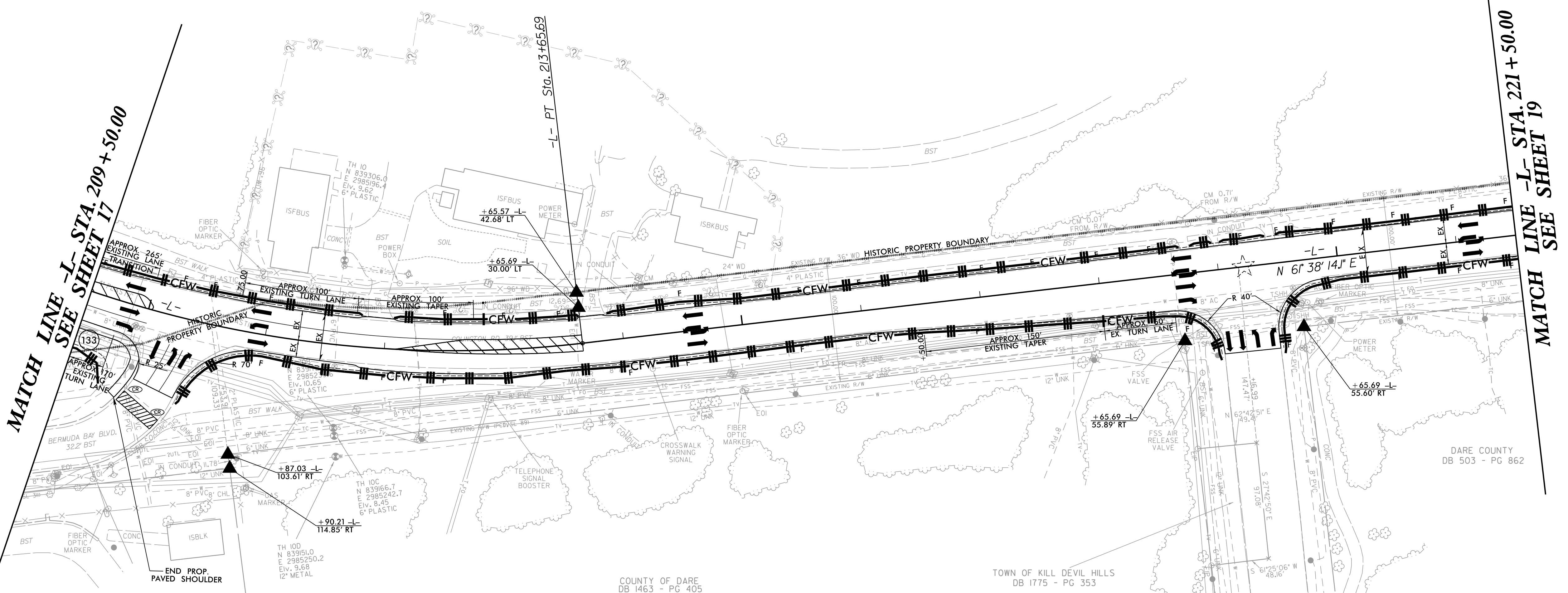


ALL CONSTRUCTION PERFORMED OUTSIDE OF THE EXISTING RIGHT OF WAY IS ALLOWED THROUGH SPECIAL USE PERMIT # USA 18 5700 16

NO CLAIM

UNITED STATES DEPARTMENT OF INTERIOR  
DB 78 - PG 206

RIGHT OF WAY REVISION - 06/06/2018 - ADJUSTED CONSTRUCTION EASEMENT ON PARCEL 133.



12300	-L- SR 1217 (COLINGTON RD.)	13300
16900		18300
	$\begin{matrix} \swarrow 200 \\ \searrow 300 \end{matrix}$	$\begin{matrix} \swarrow 1200 \\ \searrow 1700 \end{matrix}$
	1400	
	2000	
	BERMUDA BAY BLVD.	YEAR 2019 ADT
		YEAR 2039 ADT

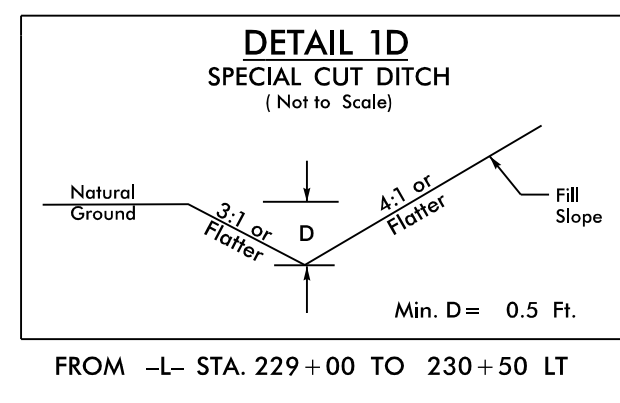
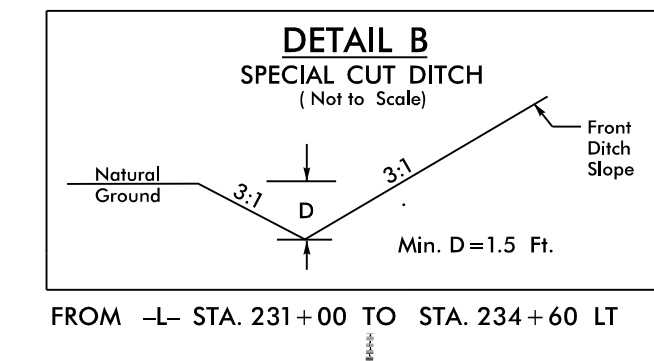
13300	-L- SR 1217 (COLINGTON RD.)	14200
18300		19600
	$\begin{matrix} \swarrow 1600 \\ \searrow 2200 \end{matrix}$	$\begin{matrix} \swarrow 2600 \\ \searrow 3500 \end{matrix}$
	4200	
	5700	
	VETERANS DR.	YEAR 2018 ADT
		YEAR 2038 ADT

PAVED SHOULDER  
EXISTING TRAFFIC SIGNAL

NOTES:  
DRIVEWAY RADII ARE 10' UNLESS OTHERWISE NOTED  
SEE SHEET 28 FOR -L- PROFILE



PROJECT REFERENCE NO. <b>R-5014</b>	SHEET NO. <i>EC-36/CONST.19</i>
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	



- (134) LOINGOC TRAN  
DB 1599 - PG 54  
PB A - PG 372
- (135) JOSEPH ANDREW LIVERMAN  
DB 282 - PG 364  
PB A - PG 372
- (136) MICHAEL A. MCVAUGH  
DB 1744 - PG 420  
PB A - PG 372

ALL CONSTRUCTION PERFORMED OUTSIDE OF THE EXISTING RIGHT OF WAY IS ALLOWED THROUGH SPECIAL USE PERMIT # USA 18 5700 16

**END OVERLAY - BEGIN GRADE**  
-L- STA. 229+00.00

NO CLAIM  
(132)

UNITED STATES DEPARTMENT OF INTERIOR  
DB 78 - PG 206

DARE COUNTY  
DB 503 - PG 862

ACCORDING TO GIS RECORDS DARE COUNTY & THE TOWN OF KILL DEVIL HILLS HAVE JOINT POSSESSION OF THIS PROPERTY

TOWN OF KILL DEVIL HILLS  
DB 776 - PG 297  
PB C - PG 19E  
PB C - PG 93H

PAVED SHOULDER  
SIDEWALK / CONCRETE ISLAND  
GTD = GRADE TO DRAIN

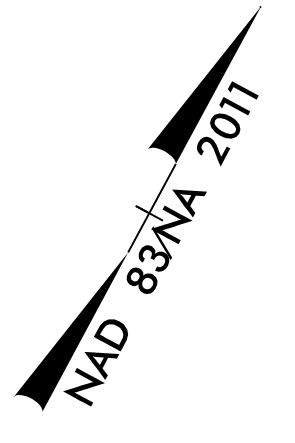
NOTES:  
DRIVEWAY RADII ARE 5' UNLESS OTHERWISE NOTED  
SEE SHEET 28 FOR -L- PROFILE  
SEE SHEET 2B-1 FOR INTERSECTION DETAIL

MATCH LINE -L- STA. 221+50.00  
SEE SHEET 18

MATCH LINE -L- STA. 233+50.00  
SEE SHEET 20

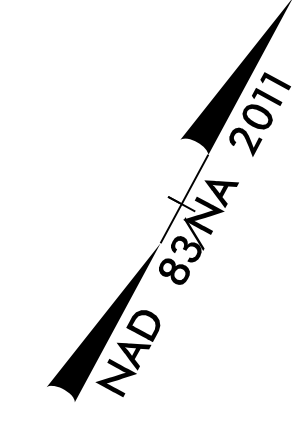
RIGHT OF WAY REVISION - 06/06/2018 - ADJUSTED ROW ON PARCEL 134,135 & 140. ADJUSTED CONSTRUCTION EASEMENT ON PARCEL 134,135 & 136

REVISIONS  
1/5/2018  
K:\Projects\Commentary\Design\RE014\_hyd\_EC\_psh\_36.dwg  
10:50:00



8/17/99

PROJECT REFERENCE NO.	SHEET NO.
R-5014	EC-37/CONSTR.20
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

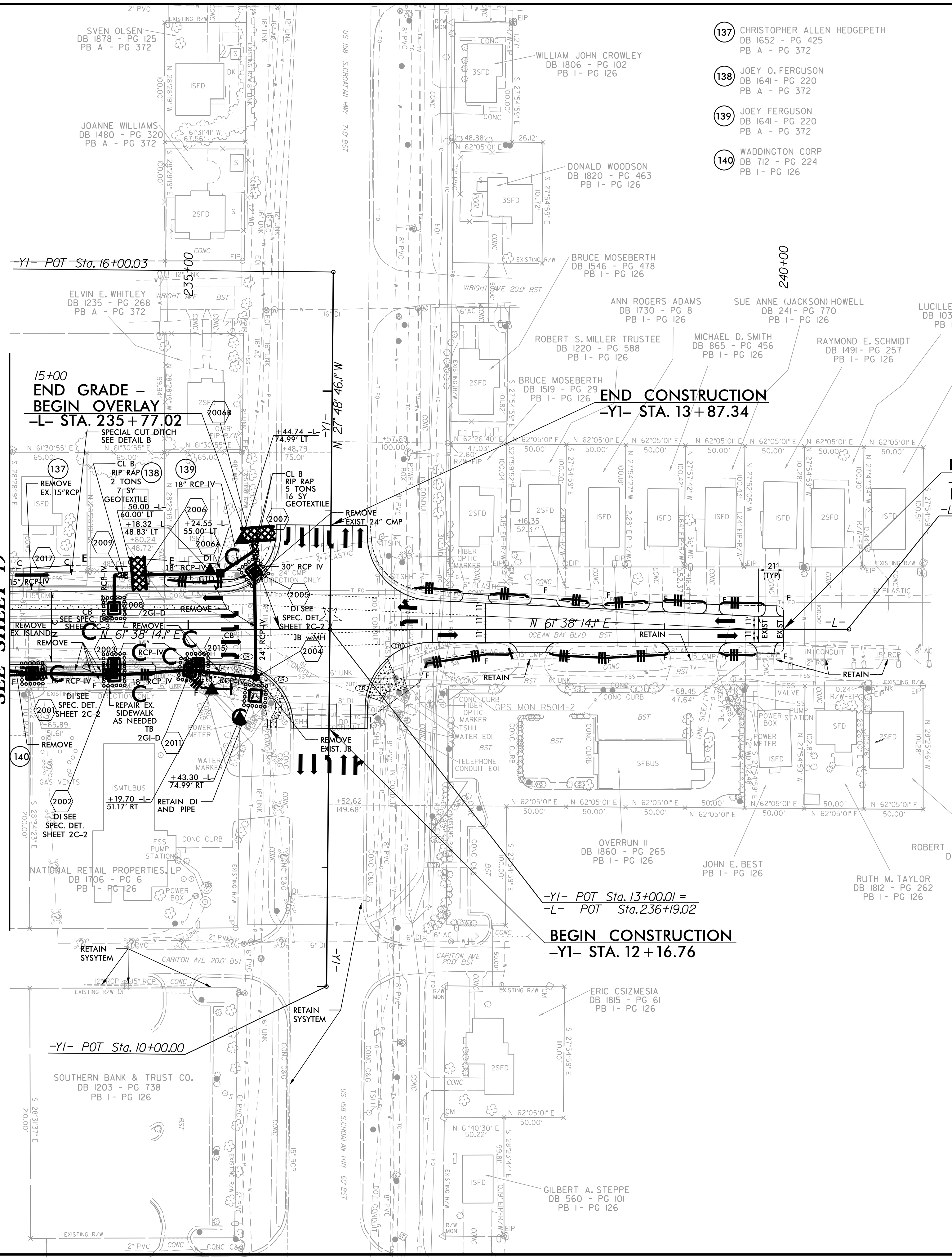


RIGHT OF WAY REVISION - 06/06/2018 - ADJUSTED CONSTRUCTION EASEMENT ON PARCELS 137,138,139

REVISIONS

TRAFFIC DATA									
US 158 S. CROATAN HWY -Y1-									
33400 45000									
<table border="0"> <tr> <td>6700</td> <td>635</td> </tr> <tr> <td>9300</td> <td>715</td> </tr> <tr> <td>4500</td> <td>635</td> </tr> <tr> <td>6400</td> <td>715</td> </tr> </table>		6700	635	9300	715	4500	635	6400	715
6700	635								
9300	715								
4500	635								
6400	715								
31300 42100									
-Y1- US 158 S. CROATAN HWY									
YEAR 2019 ADT YEAR 2039 ADT									

MATCH LINE -L- STA. 233 + 50.00  
SEE SHEET 19



END TIP PROJECT R-5014  
-L- POT STA. 240 + 00.00  
END OVERLAY  
-L- POT Sta. 240+55.05

- PAVED SHOULDER
- SIDEWALK / CONCRETE ISLAND
- EXISTING TRAFFIC SIGNAL

NOTES:  
DRIVEWAY RADII ARE 5' UNLESS OTHERWISE NOTED  
SEE SHEET 28 AND 29 FOR -L- PROFILE  
SEE SHEET 29 FOR -Y1- PROFILE  
SEE SHEET 2B-1 FOR INTERSECTION DETAIL