

8.17.17.99

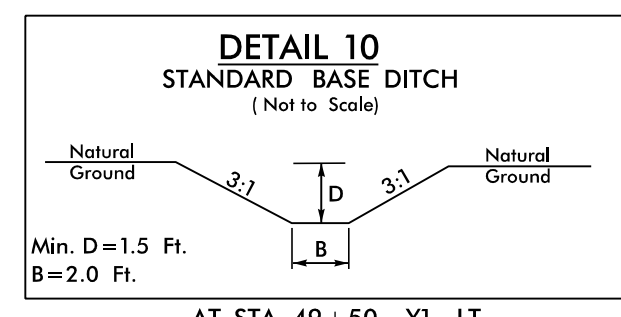
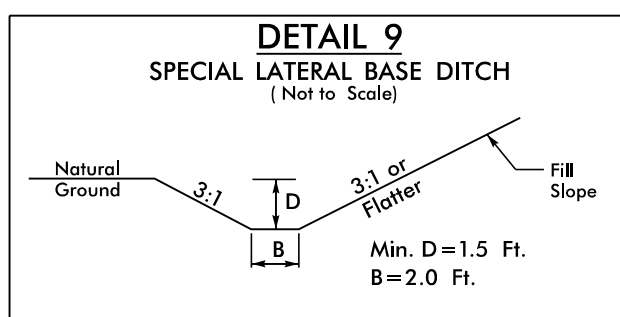
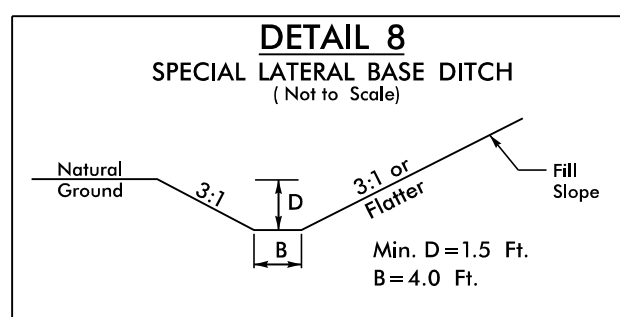
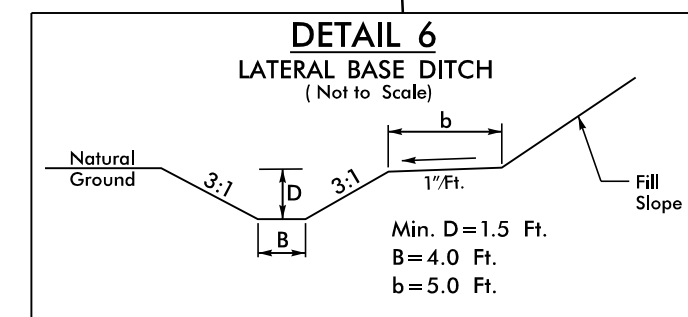
NV5
 NV5 ENGINEERS & CONSULTANTS, INC.
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 CARY, NC 27518
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 NC License # F1333
 Formerly CALYX Engineers & Consultants

PROJECT REFERENCE NO. R-5819 / R-5820	SHEET NO. 15
RW SHEET NO. 4/13/2022	HYDRAULICS ENGINEER 4/13/2022

ROADWAY DESIGN ENGINEER
 SEAL 017265
 NORTH CAROLINA PROFESSIONAL ENGINEER
 STEVE WINTERS

HYDRAULICS ENGINEER
 SEAL 039102
 NORTH CAROLINA PROFESSIONAL ENGINEER
 BRANDON T. BARRAM

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**



NAD 83/NA 2011

FROM STA. 44+75 TO STA. 47+50 -Y1- LT
 DDE = 72 CY
 FROM STA. 45+00 TO STA. 47+50 -Y1- RT
 DDE = 340 CY

FROM STA. 47+50 TO STA. 48+75 -Y1- LT
 FROM STA. 47+50 TO STA. 49+00 -Y1- RT

FROM STA. 49+50 TO STA. 52+60 -Y1- LT
 FROM STA. 50+00 TO STA. 52+00 -Y1- RT
 FROM STA. 10+38 TO STA. 22+00 -Y7- LT
 FROM STA. 10+50 TO STA. 24+30 -Y7- RT

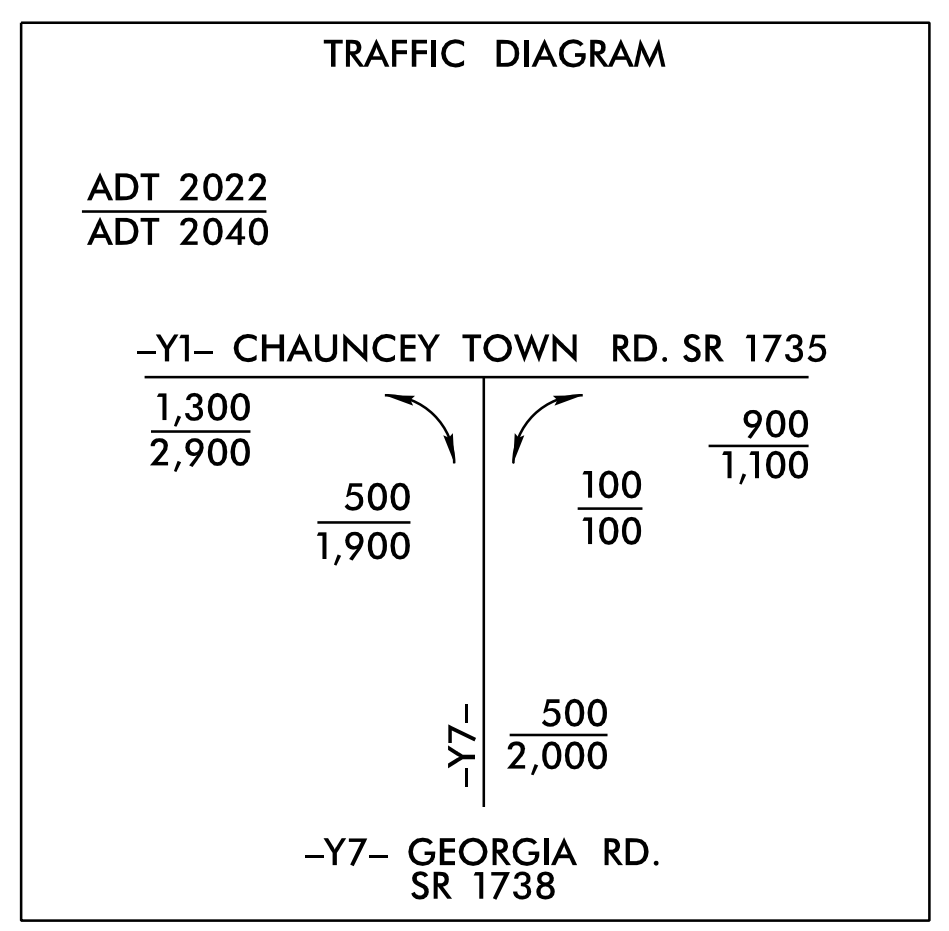
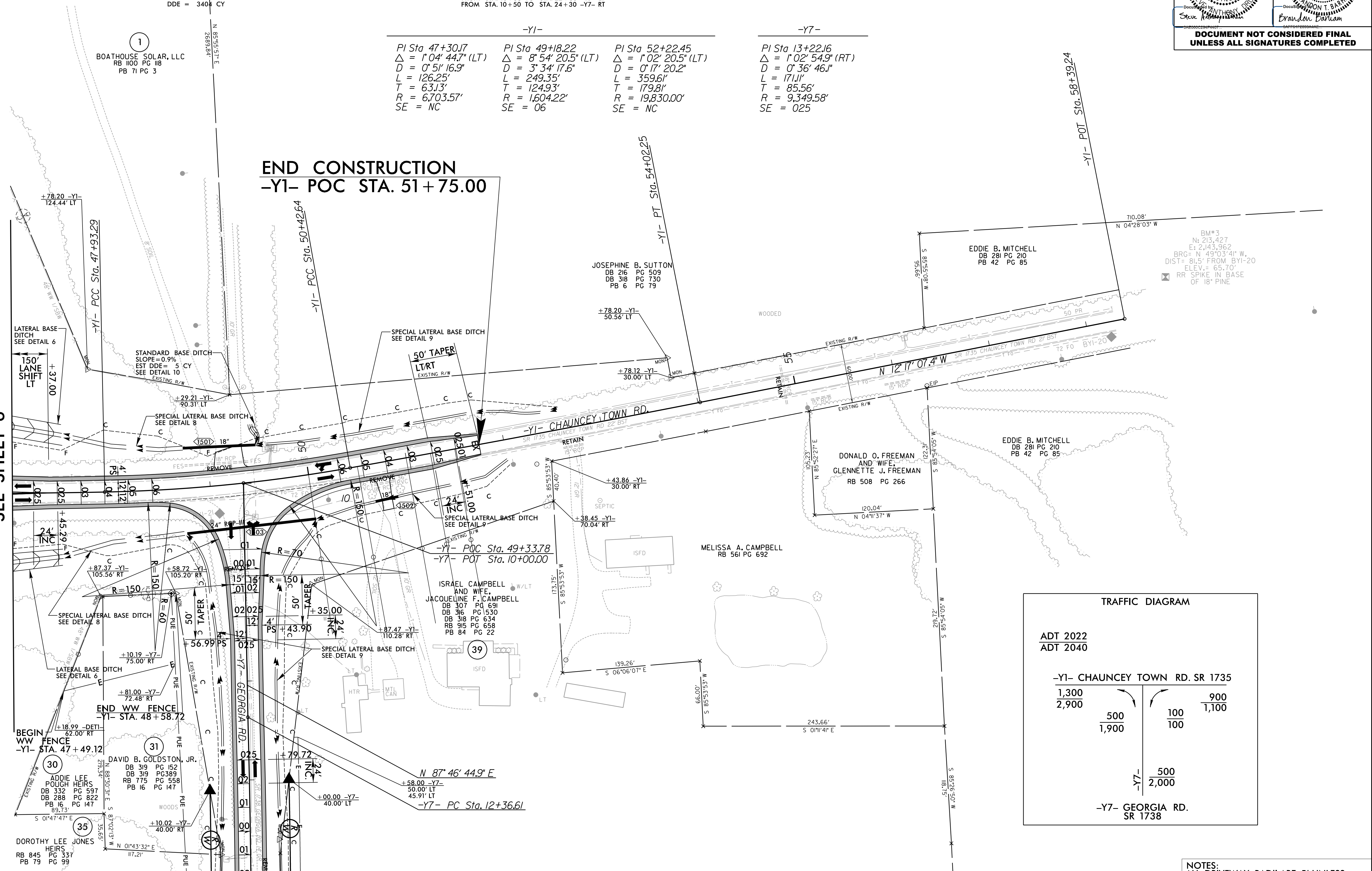
AT STA. 49+50 -Y1- LT
 DDE = 5 CY

-Y1-		-Y7-	
PI Sta 47+30.17	PI Sta 49+18.22	PI Sta 52+22.45	PI Sta 13+22.16
$\Delta = 1'04'44.7''$ (LT)	$\Delta = 8'54'20.5''$ (LT)	$\Delta = 1'02'20.5''$ (LT)	$\Delta = 1'02'54.9''$ (RT)
D = 0'5'16.9"	D = 3'34'17.6"	D = 0'17'20.2"	D = 0'36'46.1"
L = 126.25'	L = 249.35'	L = 359.61'	L = 171.11'
T = 63.13'	T = 124.93'	T = 179.81'	T = 85.56'
R = 6,703.57'	R = 1,604.22'	R = 19,830.00'	R = 9,349.58'
SE = NC	SE = 06	SE = NC	SE = 025

MATCHLINE -Y1- STA. 47+00.00
SEE SHEET 6

MATCH LINE -Y7- STA 14+00.00
SEE SHEET 20

END CONSTRUCTION
-Y1- POC STA. 51+75.00



NOTES:
 ALL DRIVEWAY RADII ARE 5' UNLESS OTHERWISE NOTED
 ■ PROP PAVED SHOULDER
 FOR -Y1- PROFILE, SEE SHEET 32
 FOR -Y7- PROFILE, SEE SHEET 35

R:\Projects\2022\Projects\5819_R5819_R5820_RDY_PSH15.dgn
 2/15/2022
 R:\Projects\2022\Projects\5819_R5819_R5820_RDY_PSH15.dgn
 2/15/2022