Docusign Envelope ID: 6FBC4872-412A-4243-AD56-1D5E1256CCF3

PROJECT REFERENCE NO.	SHEET NO.
R-5857	4

R/W SHEET NO.

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL ENGINEER — DocuSigned by: SEAL — 3/5/2025 — DOCUSIGNED ENGINEER — JAMAL I. ALOLAYAN

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 026697 ENGINEER — DocuSigned by: SEAL — 3/5/2025 — DOCUSIGNED ENGINEER — JOSHUA C. DALTON

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED BY :

PARSONS
RALEIGH, NORTH CAROLINA, (919) 854-1345
NC LICENSE NO. F-0246
FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

SUNGATE DESIGN GROUP, P.A.
905 JONES FRANKLIN ROAD, RALEIGH, NORTH CAROLINA 27606
TEL (919) 859-2243 FAX (919) 859-2258
ENG FIRM LICENSE NO. C-0190

5/14/99

-Y-	-Y2-
PI Sta 22+10.02	PI Sta 12+17.03
△ = 28° 38' 33.0" (RT)	△ = 70° 12' 48.6" (RT)
D = 7° 09' 43.1"	D = 24° 22' 52.3"
L = 399.92'	L = 287.98'
T = 204.23'	T = 165.20'
R = 800.00'	R = 235.00'
R.O. = 135.00'	R.O. = 108.00'
SE = .06	SE = .06
D.S. = 45 MPH	D.S. = 30 MPH

-L-

PIs Sta 21+02.99	PI Sta 36+03.04	PIs Sta 49+47.98
Θs = 2° 10' 28.1"	△ = 46° 11' 55.8" (LT)	Θs = 2° 10' 28.1"
Ls = 252.00'	D = 1° 43' 32.8"	Ls = 252.00'
LT = 168.01'	L = 2,676.99'	LT = 168.01'
ST = 84.01'	T = 1,416.06'	ST = 84.01'
	R = 3,320.00'	
	R.O. = 252.00'	
	SE = .06	
	D.S. = 65 MPH	

-L_LT-

PIs Sta 20+92.61	PI Sta 35+93.55	PIs Sta 49+31.83
Θs = 1° 45' 58.5"	△ = 47° 00' 55.3" (LT)	Θs = 1° 45' 58.2"
Ls = 203.15'	D = 1° 44' 19.9"	Ls = 203.14'
LT = 135.44'	L = 2,703.79'	LT = 135.43'
ST = 67.72'	T = 1,433.23'	ST = 67.72'
	R = 3,295.00'	

-L_RT-

PIs Sta 20+93.22	PI Sta 36+21.49	PIs Sta 49+84.14
Θs = 1° 45' 58.6"	△ = 47° 00' 55.2" (LT)	Θs = 1° 45' 58.2"
Ls = 206.85'	D = 1° 42' 28.0"	Ls = 206.84'
LT = 137.91'	L = 2,753.02'	LT = 137.90'
ST = 68.96'	T = 1,459.33'	ST = 68.95'
	R = 3,355.00'	

-L- POC Sta. 29+10.00
BEGIN PROJECT TIP R-5857

-Y- PT Sta. 14+25.00
-Y2- PC Sta. 10+51.83
S 7° 58' 33.9" E
N 82° 17' 31.0" E
-Y- POT Sta. 17+00.00
BEGIN CONSTRUCTION
-Y2- POT Sta. 10+00.00 =
-Y- POT Sta. 18+25.44
-Y- PC Sta. 20+05.79
-Y- PT Sta. 24+05.71
-Y- POT Sta. 24+11.60 =
-Y1- POT Sta. 10+00.00 =
-L- POC Sta. 42+05.99
-Y2- POT Sta. 14+24.80
-Y2- POT Sta. 14+15.00
END CONSTRUCTION
N 62° 14' 14.7" E
-Y2- PT Sta. 13+39.81
S 69° 09' 56.0" E
-L_RTL- PC Sta. 10+00.00 =
-L- POC 39+53.37 54' RT
-L_RTL- PT Sta. 14+12.62 =
-Y1- POC Sta. 13+12.52.51' RT
-Y1- PC Sta. 12+56.93
MATCH LINE -L- STA 43+50 SEE SHEET 5
MATCH LINE -Y1- STA 13+50 SEE SHEET 4A

JJC LAND, LLC DB 5192 PG 1264 PB 109 PG 26
OMNISTORAGE INC DB 964 PG 534 PB Z PG 163
GRADY P HARDWICK DB 790 PG 592 PB U PG 38 PB 18 PG 155
PRIME STORAGE SHALLOTTE LLC DB 3961 PG 1129 PB X PG 287
DUBAR E PEARSON DB 771 PG 1040 PB M PG 53
LEWIS HIGGINS ET BERTHA DB 144 PG 372 PB M PG 53
MYRA DUBAR SWANSON AND HUSBAND, WILLIAM F SWANSON DB 1121 PG 695 PB M PG 53
WEMYSS JAMES PHILLIP DB UNKNOWN PB T PG 261
JLS COMMERCIAL PROPERTIES, LLC DB 3657 PG 218 PB M PG 53
R D WHITE III DB 3282 PG 869 PB 74 PG 67
SCHRIMPSHER PROPERTIES, LLC DB 5202 PG 498 DB 709 PG 28 DB 564 PG 413 PB O PG 178 PB S PG 95
SHALLOTTE INVESTMENTS, LLC DB 4338 PG 342 DB 2560 PG 151 PB 34 PG 336

NAD 83/2011

OLD SHALLOTTE RD. (SR 1316) -Y- 71/115 2025/2042 ADT (IN HUNDREDS)
(NOT TO SCALE)
305/356 US 17 -L- 11/17 28/40 OCEAN HWY. 275/323 60/70 13/14 105/140
US 17 BUS. MAIN ST. -Y1-
TRAFFIC DIAGRAM FOR US 17 (OCEAN HWY.) AT OLD SHALLOTTE RD/US 17 BUS. (MAIN ST.)

SEE SHEETS 8 & 9 FOR -L- PROFILES
SEE SHEET 12 FOR -Y-, -Y1-, -Y2- & -L_RTL- PROFILES
SEE SHEET 2B-1 FOR DITCH DETAILS
SEE SHEET 2B-2 FOR CONC. ISLAND DETAILS

★ DENOTES SIGNAL
DENOTES PAVEMENT REMOVAL

-L_RTL-

PI Sta 12+49.98
△ = 81° 31' 20.5" (RT)
D = 19° 45' 25.8"
L = 412.62'
T = 249.98'
R = 290.00'
R.O. = 115.20'
SE = .064
D.S. = 25 MPH

-Y1-

PI Sta 18+15.91
△ = 50° 19' 18.4" (LT)
D = 4° 48' 53.2"
L = 1,045.15'
T = 558.98'
R = 1,190.00'
R.O. = 139.50'
SE = .062
D.S. = 45 MPH

J:\PROJECTS\5857\CAD\RDWY\R-5857_RDY_PSH_04.dgn 23-APR-2025 15:20 $$$$USER$$$$