8/17/99

-L-
PI Sta 249+17.35
Δ = 2° 31' 18.0" (RT)
D = 0° 29' 53.6"
L = 506.13'
T = 253.11'
R = 11,500.00'
SE = NC
DS = 50 MPH

-Y20-
PI Sta 95+14.03
Δ = 7° 38' 49.5" (RT)
D = 1° 38' 13.3"
L = 467.13'
T = 233.91'
R = 3,500.00'
SE = 0.03
DS = 50 MPH

-Y20-
PI Sta 105+62.01
Δ = 2° 34' 55.7" (RT)
D = 1° 14' 58.7"
L = 206.63'
T = 103.33'
R = 4,585.00'
SE = 0.03
DS = 50 MPH

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| R-2577A | 24 |
| R/W SHEET NO. | |

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 042725 ENGINEER SCOTT D BLEVINS
Docusigned by: Scott D Blevins
9/6/2024

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 042847 ENGINEER ROBERT B HUSEY
Docusigned by: Robert B Husey
9/8/2024

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

PARCELS WITH U-5824 TIP NUMBER (82, 83, 84, 85, 87, 92) WERE ACQUIRED UNDER THAT PROJECT; NO CLAIM ON R-2577A. EASEMENTS THAT ARE SHOWN BUT NOT FLAGGED WERE PURCHASED UNDER U-5824.

NAD 83/2011

MATCHLINE -L- STA. 248+00 SEE SHEET 23

MATCHLINE -L- STA. 261+00 SEE SHEET 25

BEGIN CONSTRUCTION TIE TO ADJACENT PROJECT U-5824 -Y20- STA 96+40.00

-Y20- POT Sta. 98+68.84= -L- POT Sta.250+40.52

-Y20- PT Sta. 97+47.25

-L- PT Sta. 251+70.38

-Y21- POT Sta. 10+00.00= -L- POT Sta.255+23.74

-Y22- POT Sta. 10+00.00= -L- POT Sta.260+20.07

100' TAPER

450' RIGHT TURN

150' TAPER

100' TAPER

300' RIGHT TURN

250+00

255+00

260+00

-L- REMOVE N 42° 20' 38.3" E

RAISED GRASS MEDIAN

1'-6" CURB & GUTTER

1'-6" CURB & GUTTER

S 65°06'39" E -Y20- PC Sta. 104+58.68

S 48°19'35.4" E -Y21-

S 47°59'59.9" E -Y22-

PHYLLIS C WILLIAMS DB 2208 PG 2751 — 106B

PW PROPERTIES LLC DB 2138 PG 3587 — 106A

JEFFREY A MIDKIFF DB 2[illegible] PG 2943

JAMES G HOLT DB 2022 PG 3391

ROBERT L BUTLER PATRICIA BUTLER DB 3053 PG 3978 PB 21PG 84

C L GRACE PB 21PG 84

U-5824 82 — PAUL L ROBERTS SHIRLEY W ROBERTS DB 1939 PG 1477 PB 21PG 84

U-5824 83 — FRANCIS READ ADER HAMMACK DB 3063 PG 3940 PB 21PG 84

U-5824 92 — WALTER H NEAL JEANETTE B NEAL DB 2263 PG 1230

109 — KAREN BARROW DILLION AND HUSBAND, HARVEY B. DILLION DB 1125 PG 166

U-5824 84 — REP PROPERTY, LLC DB 3088 PG 2875 PB 45 PG 156

U-5824 85 — ARC CVWKTNCOOI, LLC DB 2925 PG 2401 PB 55 PG 79

U-5824 87 — GOODWILL INDUSTRIES OF NORTHWEST NC INC DB 3023 PG 861 PB 55 PG 78

283 — WALKERTOWN HOLDINGS, LLC DB 3574 PG 1284 PB 52 PG 28, 29

OLD SCHOOL VENTURES LLC DB 2729 PG 1463 PB 51PG 87

303 — WMD REAL ESTATE HOLDING CO. II, LLC DB 3662 PG 3657 PB 55 PG 78

MCDONALDS REAL ESTATE COMPANY DB 2854 PG 2778 PB 55 PG 78

WAFFLE HOUSE INC DB 2994 PG 214 PB 58 PG 115

302 — WALKERTOWN LANDING LLC DB 3167 PG 2828 PB 55 PG 78

BM # 13
N 880558 E 1664454
-L- STA. 248+95.97 OFF 363.68 RT
ELEV = 973.41'

Tie In to Gurdrail Placed Under U-5824

Retaining Wall Constructed Under U-5824

DO NOT DISTURB

TIE TO EXISTING -Y21- POT Sta.11+35.00

END CONSTRUCTION -Y21- POT Sta.11+45.00

TIE TO EXISTING -Y22- POT Sta.11+20.00

END CONSTRUCTION -Y22- POT Sta.11+30.00

DO NOT DISTURB SIGN, PANEL, & LIGHT

-Y21- POT Sta. 12+73.07

-Y22- POT Sta. 12+73.17

END CONSTRUCTION TIE TO ADJACENT PROJECT U-5824 -Y20- STA. 100+30.63

-Y20- PC Sta. 104+58.68

RETAIN SYSTEM

RETAIN PIPE

GRADE TO DRAIN

CONC. SIDEWALK

TIE TO EXIST. SIDEWALK

ADJUST CB

3 TONS CL B RIPRAP W/10 SY GEO FAB

PREFORMED SCOUR HOLE SEE DETAIL N

LATERAL V DITCH SEE DETAIL A

ADT 2017
ADT 2040

NOTE THAT TRAFFIC FORECAST HAS BEEN REVISED TO ACCOUNT FOR ADDITIONAL TRAFFIC THAT WILL UTILIZE THE LEFT TURN-LANE AT NC 66 RATHER THAN U-TURN AT DARROW ROAD.

TRAFFIC DIAGRAM

-Y20- OLD HOLLOW RD.
17,300 / 16,100
1,080 / 2,760 — 5,200 / 4,100
3,390 / 6,365
14,900 / 28,000 — -L- US 158 — -L- US 158 — 19,000 / 26,700
2,400 / 3,400 — 3,100 / 2,600
15,800 / 13,400
-Y20- OLD HOLLOW RD.

★ PROPOSED TRAFFIC SIGNAL

NOTE: ALL DRIVEWAYS ARE 18' UNLESS OTHERWISE NOTED

REMOVAL OF EXISTING PAVEMENT

FOR -L- PROFILE SEE SHTS. 39-40
FOR -Y20- PROFILE SEE SHT. 48
FOR -Y21- PROFILE SEE SHT. 48
FOR -Y22- PROFILE SEE SHT. 48

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12/7/2023
R:\R-2577A\Roadway\Proj\R-2577A_rdy_psh24.dgn