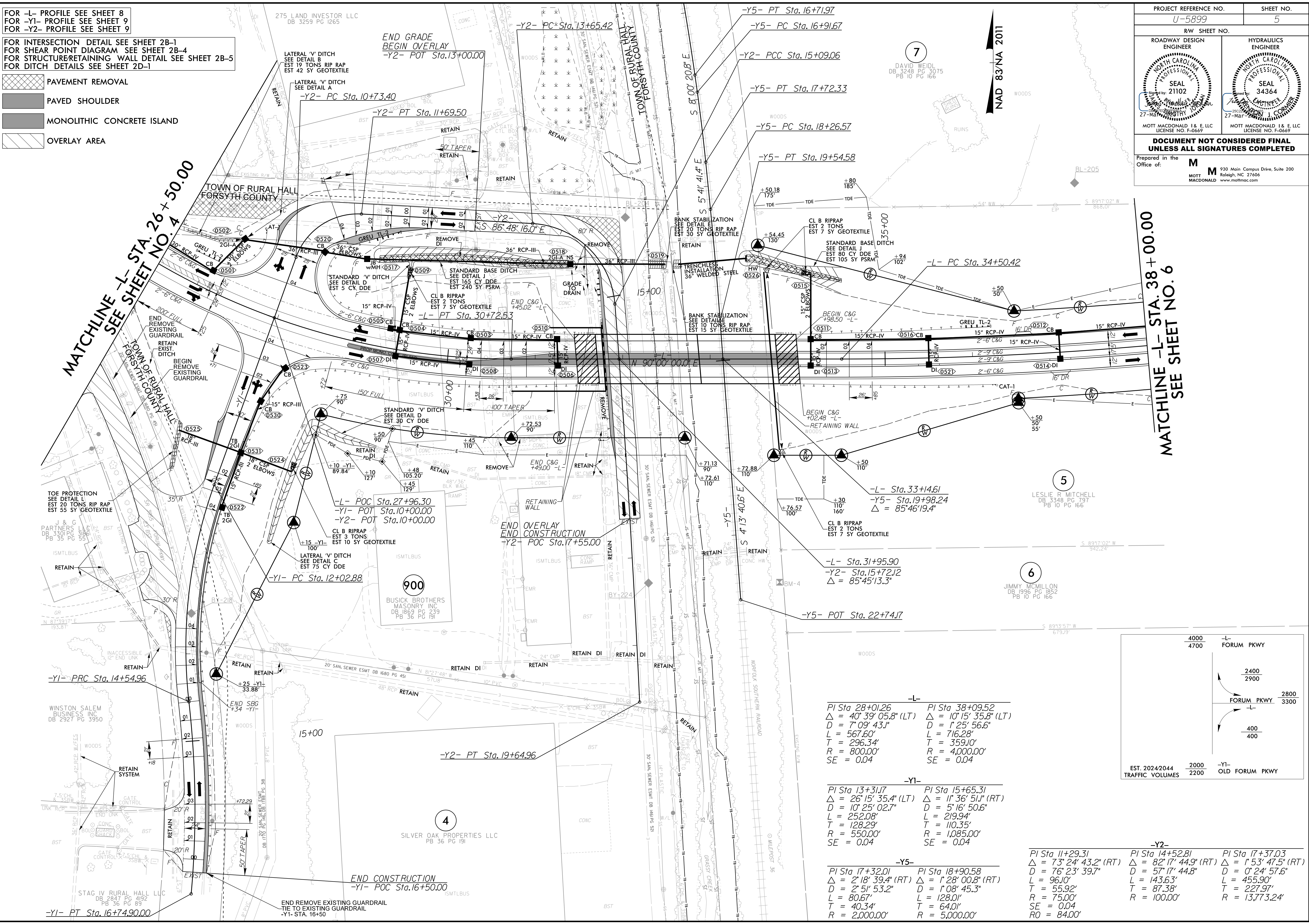


8/17/99

FOR -L- PROFILE SEE SHEET 8
FOR -Y1- PROFILE SEE SHEET 9
FOR -Y2- PROFILE SEE SHEET 9

FOR INTERSECTION DETAIL SEE SHEET 2B-1
FOR SHEAR POINT DIAGRAM SEE SHEET 2B-4
FOR STRUCTURE/RETAINING WALL DETAIL SEE SHEET 2B-5
FOR DITCH DETAILS SEE SHEET 2D-1

- PAVEMENT REMOVAL
- PAVED SHOULDER
- MONOLITHIC CONCRETE ISLAND
- OVERLAY AREA



PROJECT REFERENCE NO.
U-5899

SHEET NO.
5

RW SHEET NO.

ROADWAY DESIGN ENGINEER

MOTT MACDONALD I & E, LLC
27-MAR-2025
LICENSE NO. F-0669

HYDRAULICS ENGINEER

MOTT MACDONALD I & E, LLC
27-MAR-2025
LICENSE NO. F-0669

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Prepared in the Office of:
M
MOTT MACDONALD
930 Main Campus Drive, Suite 200
Raleigh, NC 27606
www.mottmac.com

MATCHLINE -L- STA. 38+00.00
SEE SHEET NO. 6

MATCHLINE -L- STA. 26+50.00
SEE SHEET NO. 4

-L-
PI Sta 28+01.26
 $\Delta = 40' 39" 05.8" (LT)$
D = 7' 09' 43.1"
L = 567.60'
T = 296.34'
R = 800.00'
SE = 0.04

PI Sta 38+09.52
 $\Delta = 10' 15' 35.8" (LT)$
D = 1' 25' 56.6"
L = 716.28'
T = 359.10'
R = 4,000.00'
SE = 0.04

-Y1-
PI Sta 13+31.7
 $\Delta = 26' 15' 35.4" (LT)$
D = 10' 25' 02.7"
L = 252.08'
T = 128.29'
R = 550.00'
SE = 0.04

PI Sta 15+65.31
 $\Delta = 11' 36' 51.1" (RT)$
D = 5' 16' 50.6"
L = 219.94'
T = 110.35'
R = 1,085.00'
SE = 0.04

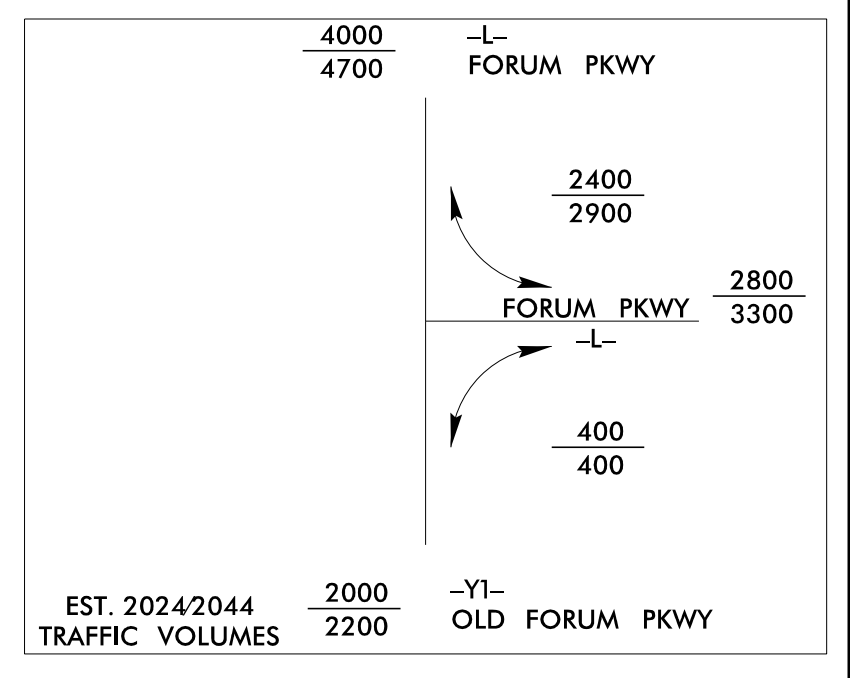
-Y5-
PI Sta 17+32.01
 $\Delta = 2' 18' 39.4" (RT)$
D = 2' 51' 53.2"
L = 80.67'
T = 40.34'
R = 2,000.00'

PI Sta 18+90.58
 $\Delta = 1' 28' 00.8" (RT)$
D = 1' 08' 45.3"
L = 128.01'
T = 64.01'
R = 5,000.00'

-Y2-
PI Sta 11+29.31
 $\Delta = 73' 24' 43.2" (RT)$
D = 76' 23' 39.7"
L = 96.10'
T = 55.92'
R = 75.00'
SE = 0.04
RO = 84.00'

PI Sta 14+52.81
 $\Delta = 82' 17' 44.9" (RT)$
D = 57' 17' 44.8"
L = 143.63'
T = 87.38'
R = 100.00'

PI Sta 17+37.03
 $\Delta = 1' 53' 47.5" (RT)$
D = 0' 24' 57.6"
L = 455.90'
T = 227.97'
R = 13,773.24'



3/24/2025
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