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8/17/99

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
B-5833	06
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 027418 ENGINEER MARCUS LOWERY
3/5/2026

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 044158 ENGINEER BENJAMIN J. VENEGAS
3/5/2026

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS
706 HILLSBOROUGH ST. SUITE 200
RALEIGH, NC 27603
PH (919) 773-8887
CORP. LICENSE NO.: C-0275

NAD 83 NA 2011

① = -L- POC Sta. 35+81.31= -LOOPA- POT Sta. 10+00.00
② = -L- POC Sta. 35+97.31= -Y4- POT Sta. 13+76.70
③ = -L- POC Sta. 36+13.35= -RAMPA- POT Sta. 10+00.00
④ = -RAMPA- PC Sta. 10+29.17

-L-

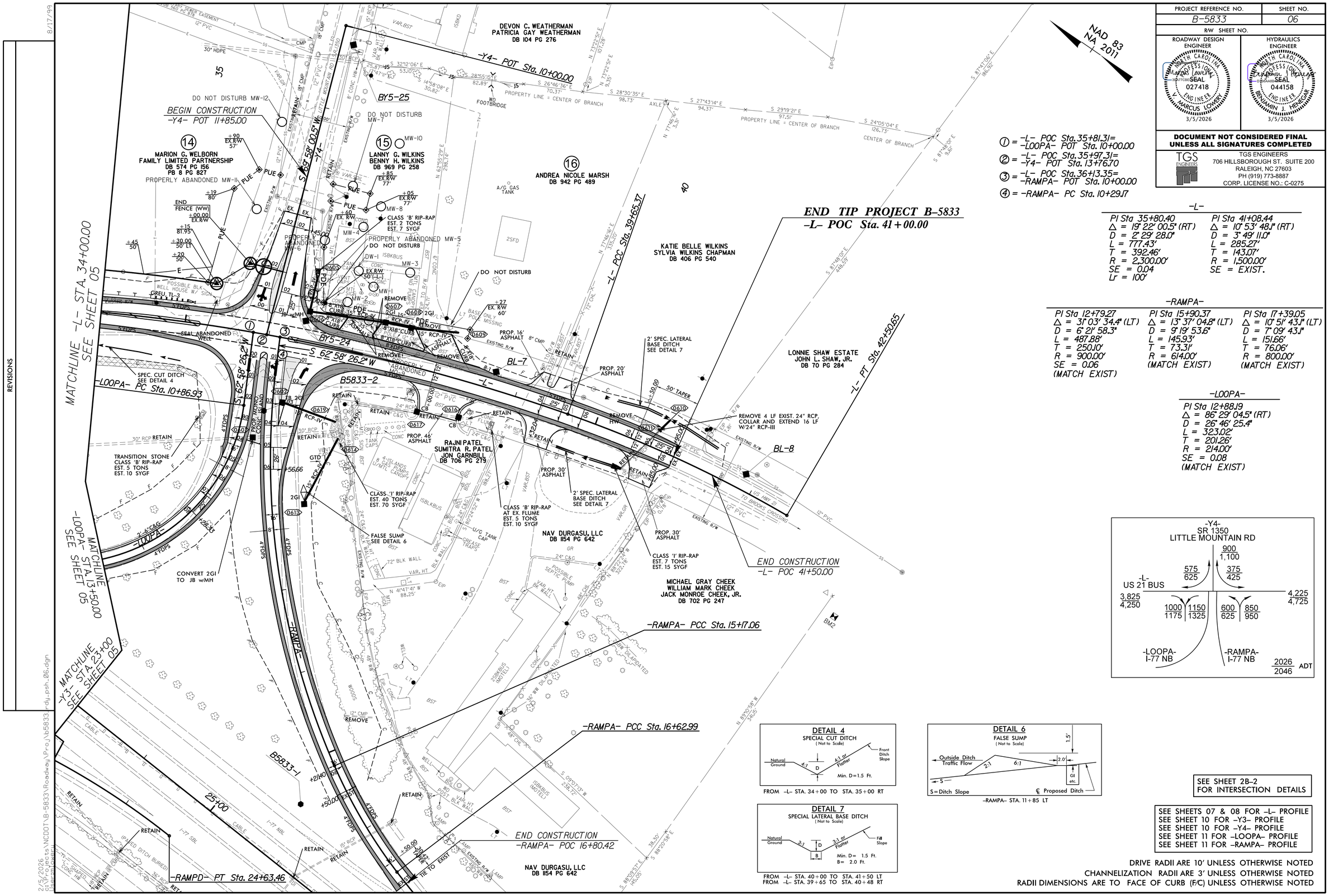
PI Sta 35+80.40	PI Sta 41+08.44
Δ = 19° 22' 00.5" (RT)	Δ = 10° 53' 48.1" (RT)
D = 2° 29' 28.0"	D = 3° 49' 11.0"
L = 777.43'	L = 285.27'
T = 392.46'	T = 143.07'
R = 2,300.00'	R = 1,500.00'
SE = 0.04	SE = EXIST.
Lr = 100'	

-RAMPA-

PI Sta 12+79.27	PI Sta 15+90.37	PI Sta 17+39.05
Δ = 31° 03' 34.4" (LT)	Δ = 13° 37' 04.8" (LT)	Δ = 10° 51' 43.1" (LT)
D = 6° 21' 58.3"	D = 9° 19' 53.6"	D = 7° 09' 43.1"
L = 487.88'	L = 145.93'	L = 151.66'
T = 250.10'	T = 73.31'	T = 76.06'
R = 900.00'	R = 614.00'	R = 800.00'
SE = 0.06 (MATCH EXIST)	(MATCH EXIST)	(MATCH EXIST)

-LOOPA-

PI Sta 12+88.19
Δ = 86° 29' 04.5" (RT)
D = 26° 46' 25.4"
L = 323.02'
T = 201.26'
R = 214.00'
SE = 0.08 (MATCH EXIST)



DETAIL 4
SPECIAL CUT DITCH
(Not to Scale)

FROM -L- STA. 34+00 TO STA. 35+00 RT

DETAIL 7
SPECIAL LATERAL BASE DITCH
(Not to Scale)

FROM -L- STA. 40+00 TO STA. 41+50 LT
FROM -L- STA. 39+65 TO STA. 40+48 RT

DETAIL 6
FALSE SUMP
(Not to Scale)

-RAMPA- STA. 11+85 LT

SEE SHEET 2B-2 FOR INTERSECTION DETAILS

SEE SHEETS 07 & 08 FOR -L- PROFILE
SEE SHEET 10 FOR -Y3- PROFILE
SEE SHEET 10 FOR -Y4- PROFILE
SEE SHEET 11 FOR -LOOPA- PROFILE
SEE SHEET 11 FOR -RAMPA- PROFILE

DRIVE RADII ARE 10' UNLESS OTHERWISE NOTED
CHANNELIZATION RADII ARE 3' UNLESS OTHERWISE NOTED
RADII DIMENSIONS ARE TO FACE OF CURB (F/C) UNLESS OTHERWISE NOTED

2/5/2026
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