Docusign Envelope ID: E0A0D414-9ACC-4F79-803A-59B5ECE7380B

8/17/99

REVISIONS

NOTES:
1. DRIVEWAYS FOR SHOULDER SECTIONS: USE 16' MIN. WIDTH FOR RESIDENTIAL AND 24' MIN. WIDTH FOR COMMERCIAL WITH 5' MIN. RADII; OTHERWISE MATCH EXISTING.
2. DRIVEWAYS FOR C&G SECTIONS: USE 20' MIN. WIDTH FOR RESIDENTIAL AND 24' MIN. WIDTH FOR COMMERCIAL; OTHERWISE MATCH EXISTING.

DETAIL 'B'
PIPE OUTLET CHANNEL
(Not to Scale)
Length = 10.0Ft.
d = 1.0Ft.
Est. = 4 Tons Cl B Rip-Rap, 11 SY Geotextile
STA. 18+22 –Y6– Lt
DDE = 3 CY

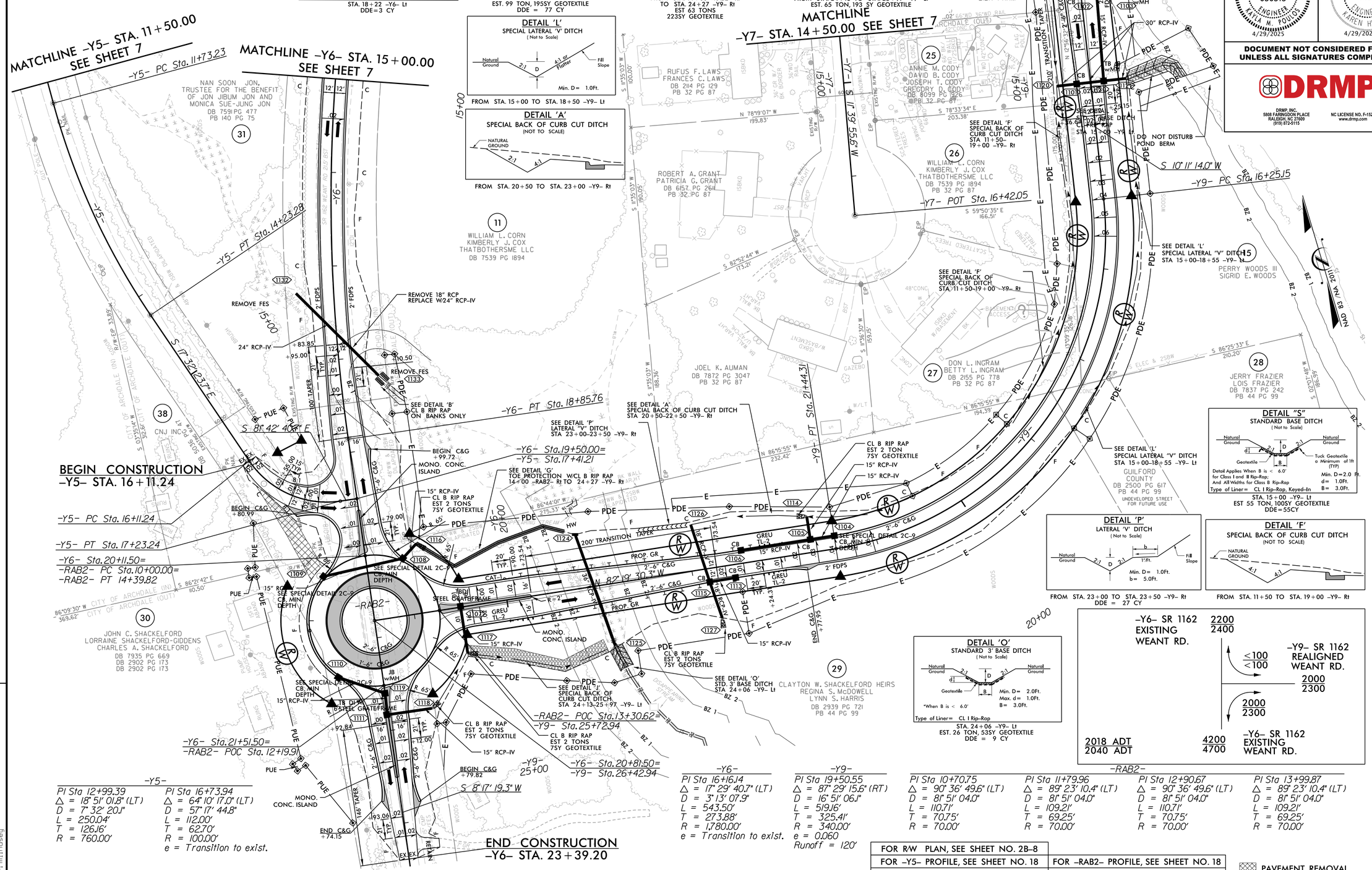
DETAIL 'S'
STANDARD BASE DITCH
(Not to Scale)
Min. D = 2.0Ft.
Max. d = 1.0Ft.
B = VARIABLE, 3Ft.–6Ft.
Type of Liner = CL I Rip-Rap
STA. 15+00 –Y9– Lt
EST. 99 TON, 195SY GEOTEXTILE
DDE = 77 CY

DETAIL 'G'
TOE PROTECTION
(Not to Scale)
d = 1.0Ft.
b = 5.0Ft.
Type of Liner = CL B Rip-Rap
FROM STA. 14+00 –RAB2– Rt TO STA. 24+27 –Y9– Rt
EST 63 TONS
223SY GEOTEXTILE

DETAIL 'J'
SPECIAL BACK OF CURB CUT DITCH
(NOT TO SCALE)
Type of Liner = CL B Rip-Rap
Max. d = 1 Ft.
FROM STA. 24+13 TO STA. 25+97 –Y9– Lt
EST. 65 TON, 193 SY GEOTEXTILE

DETAIL 'L'
SPECIAL LATERAL 'V' DITCH
(Not to Scale)
Min. D = 1.0Ft.
FROM STA. 15+00 TO STA. 18+50 –Y9– Lt

DETAIL 'A'
SPECIAL BACK OF CURB CUT DITCH
(NOT TO SCALE)
FROM STA. 20+50 TO STA. 23+00 –Y9– Rt



DETAIL 'P'
LATERAL 'V' DITCH
(Not to Scale)
Min. D = 1.0Ft.
b = 5.0Ft.
FROM STA. 23+00 TO STA. 23+50 –Y9– Rt
DDE = 27 CY

DETAIL 'F'
SPECIAL BACK OF CURB CUT DITCH
(NOT TO SCALE)
FROM STA. 11+50 TO STA. 19+00 –Y9– Rt

DETAIL "S"
STANDARD BASE DITCH
(Not to Scale)
Tuck Geotextile a Minimum of 1ft (TYP)
Detail Applies When B is < 6.0' for Class I and II Rip-Rap; And All Widths for Class B Rip-Rap
Min. D = 2.0 Ft.
d = 1.0Ft.
B = 3.0Ft.
Type of Liner = CL I Rip-Rap, Keyed-In
STA. 15+00 –Y9– Lt
EST 55 TON, 100SY GEOTEXTILE
DDE = 55CY

DETAIL 'O'
STANDARD 3' BASE DITCH
(Not to Scale)
*When B is < 6.0'
Min. D = 2.0Ft.
Max. d = 1.0Ft.
B = 3.0Ft.
Type of Liner = CL I Rip-Rap
STA. 24+06 –Y9– Lt
EST. 26 TON, 53SY GEOTEXTILE
DDE = 9 CY

–Y6– SR 1162 EXISTING WEANT RD.	2200 / 2400	
≤100 / <100		–Y9– SR 1162 REALIGNED WEANT RD.
	2000 / 2300	
2000 / 2300		
2018 ADT / 2040 ADT	4200 / 4700	–Y6– SR 1162 EXISTING WEANT RD.

–Y5–

PI Sta 12+99.39
△ = 18° 51' 01.8" (LT)
D = 7° 32' 20.1"
L = 250.04'
T = 126.16'
R = 760.00'

PI Sta 16+73.94
△ = 64° 10' 17.0" (LT)
D = 57° 17' 44.8"
L = 112.00'
T = 62.70'
R = 100.00'
e = Transition to exist.

–Y6–

PI Sta 16+16.14
△ = 17° 29' 40.7" (LT)
D = 3° 13' 07.9"
L = 543.50'
T = 273.88'
R = 1,780.00'
e = Transition to exist.

–Y9–

PI Sta 19+50.55
△ = 87° 29' 15.6" (RT)
D = 16° 51' 06.1"
L = 519.16'
T = 325.41'
R = 340.00'
e = 0.060
Runoff = 120'

–RAB2–

PI Sta 10+70.75
△ = 90° 36' 49.6" (LT)
D = 81° 51' 04.0"
L = 110.71'
T = 70.75'
R = 70.00'

PI Sta 11+79.96
△ = 89° 23' 10.4" (LT)
D = 81° 51' 04.0"
L = 109.21'
T = 69.25'
R = 70.00'

PI Sta 12+90.67
△ = 90° 36' 49.6" (LT)
D = 81° 51' 04.0"
L = 110.71'
T = 70.75'
R = 70.00'

PI Sta 13+99.87
△ = 89° 23' 10.4" (LT)
D = 81° 51' 04.0"
L = 109.21'
T = 69.25'
R = 70.00'

FOR R/W PLAN, SEE SHEET NO. 2B-8	
FOR –Y5– PROFILE, SEE SHEET NO. 18	FOR –RAB2– PROFILE, SEE SHEET NO. 18
FOR –Y6– PROFILE, SEE SHEET NO. 18	FOR –Y9– PROFILE, SEE SHEET NO. 20

PAVEMENT REMOVAL

PROJECT REFERENCE NO.	SHEET NO.
U-6018	11
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 050515 ENGINEER KAILA M. POLICH
4/29/2025

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 030251 ENGINEER KAREN HEFNER
4/29/2025

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4/2/2025
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