PROJECT REFERENCE NO.	SHEET NO.
U-2579B	28
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY ARON HOSER

DocuSigned by: Anthony Hoser 8/11/2014
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HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 9334 ENGINEER W. HENRY WELLS, JR.

DocuSigned by: W. Henry Wells, Jr. 8/12/2014
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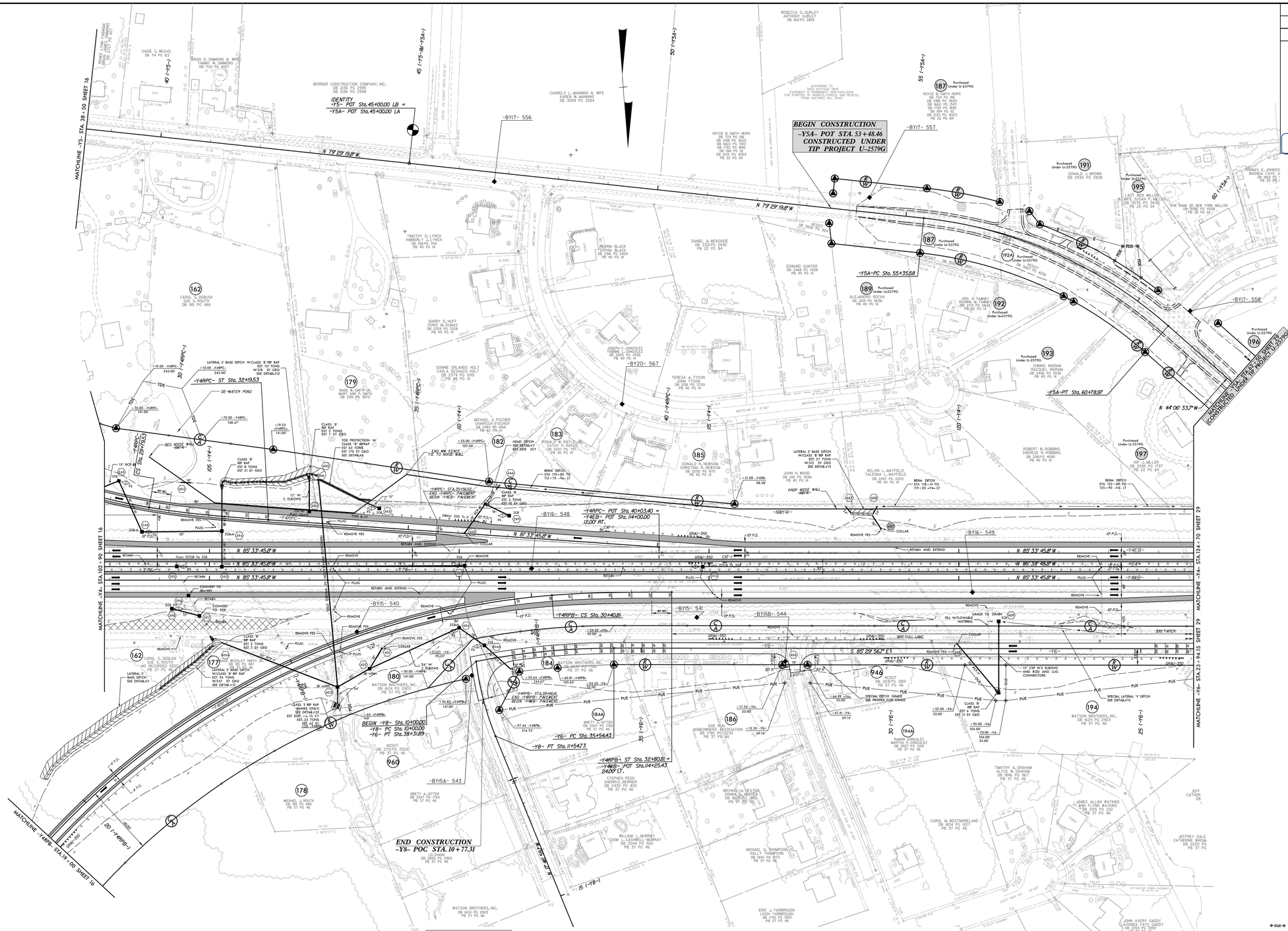
50' 25' 0 50' 100'



Y4RPC

PI Sta 30+59.60	PI Sta 83+02.72	PI Sta 11+60.08
Θs = 5°43'46.5"	Δ = 83°03'22.8" (LT)	Θs = 5°43'46.5"
Ls = 240.00'	D = 4°46'28.7"	Ls = 240.00'
LT = 160.08'	L = 173.93'	LT = 160.08'
ST = 80.08'	T = 106.72'	ST = 80.08'
	R = 1,200.00'	

Y4RPB

PI Sta 15+47.32	PI Sta 23+89.01	PI Sta 31+20.86
Θs = 4°29'37.6"	Δ = 52°56'04.1" (RT)	Θs = 4°29'37.6"
Ls = 240.00'	D = 3°44'41.4"	Ls = 240.00'
LT = 160.05'	L = 1,413.54'	LT = 160.05'
ST = 80.05'	T = 762.24'	ST = 80.05'
	R = 1,530.00'	

Y5A

PI Sta 58+16.25
Δ = 35°22'46.2" (RT)
D = 6°30'39.2"
L = 543.39'
T = 280.61'
R = 880.00'
SE = 0.06
RO = SEE PLANS

Y6

PI Sta 21+34.27	PI Sta 36+88.22
Δ = 48°34'21.9" (LT)	Δ = 10°45'54.2" (LT)
D = 10°44'58.2"	D = 4°05'05.7"
L = 451.85'	L = 266.80'
T = 240.54'	T = 133.79'
R = 533.00'	R = 1,400.00'
SE = 0.06	SE = 0.04
RO = SEE PLANS	RO = SEE PLANS

Y8

PI Sta 0+77.83	PI Sta 7+93.06
Δ = 15°25'04.1" (LT)	Δ = 4°44'11.2" (RT)
D = 9°57'52.1"	D = 5°43'46.5"
L = 154.73'	L = 82.57'
T = 77.83'	T = 41.36'
R = 575.00'	R = 1,200.00'

DETAIL #32 TAC DITCH (Not To Scale)
Type of Liner: Class IRip-Rap
FROM STA.107+50 TO STA.107+61

DETAIL #6 FOR PROTECTION (Not To Scale)
Type of Liner: Class 'B' Rip-Rap
FROM STA.107+20 TO 108+22 -Y6- LT

DETAIL #7 STANDARD "V" DITCH (Not To Scale)
FROM STA.36+42 TO 36+67 -Y4RPC- LT

DETAIL #12 LATERAL BASE DITCH (Not To Scale)
Type of Liner: Class 'B' Rip-Rap
FROM STA.17+85 TO 18+25 -Y4-B- LT
FROM STA.22+50 TO 23+90 -Y4RPB- LT
FROM STA.105+30 TO 107+10 -Y6- LT

DETAIL #15 SPECIAL LATERAL "V" DITCH (Not To Scale)
FROM STA.25+60 TO 27+85 -Y6- RT

DETAIL #3 LATERAL BASE DITCH (Not To Scale)
FROM STA.19+90 TO 22+50 -Y4RPB- LT

- DUE — PERMANENT DRAINAGE/UTILITY EASEMENT TO BE PURCHASED UNDER TIP PROJECT U-2579G
- PDE — PERMANENT DRAINAGE EASEMENT TO BE PURCHASED UNDER TIP PROJECT U-2579G
- RIGHT OF WAY TO BE PURCHASED UNDER TIP PROJECT U-2579G
- PARCELS IMPACTED UNDER TIP PROJECT U-2579G
- DRAINAGE TO BE CONSTRUCTED UNDER TIP PROJECT U-2579G
- TO BE CONSTRUCTED UNDER TIP PROJECT U-2579G (GRADING,PAVING,DRAINAGE,& STRUCTURE)
- PAVED SHOULDER
- PAVEMENT TO BE OBLITERATED

NOTE :
FOR -Y4EB- PROFILE,SEE SHEET 52-53
FOR -Y4WB- PROFILE,SEE SHEET 57-58
FOR -Y4RPB- PROFILE,SEE SHEET 71
FOR -Y4RPC- PROFILE,SEE SHEET 78-79
FOR -Y6- PROFILE,SEE SHEET 86-88
FOR TIP PROJECT U-2579G,SEE U-2579G PLAN SHEET 4

REVISIONS

8/17/99

7/16/2014
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