

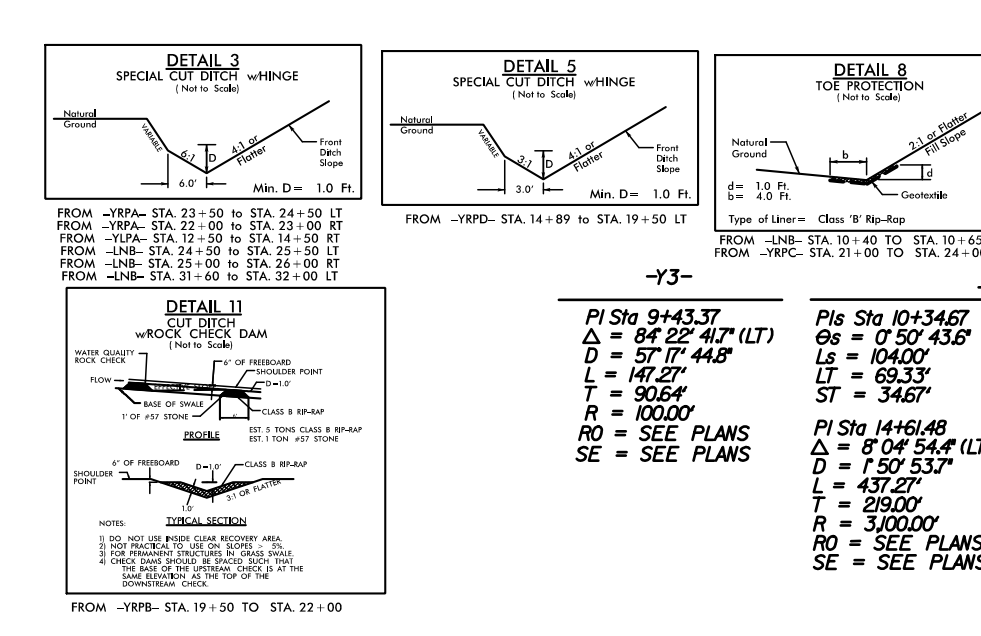
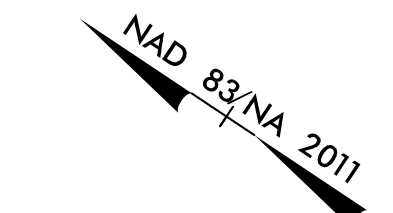
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PROJECT REFERENCE NO.: U-5169
SHEET NO.: 4
REV SHEET NO.:
DATE: 11/22/10

ROADWAY DESIGN ENGINEER: [Signature]
HYDRAULICS ENGINEER: [Signature]

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

★ PROPOSED TRAFFIC SIGNAL



-Y3-

PI Sta 9+43.37
Δ = 84° 22' 41" (LT)
D = 57' 11" 448'
L = 147.21'
T = 90.64'
R = 18000'
RO = SEE PLANS
SE = SEE PLANS

PI Sta 10+34.67
Δ = 90° 54' 41" (LT)
D = 104.00'
L = 69.33'
T = 34.67'
R = 18000'
RO = SEE PLANS
SE = SEE PLANS

PI Sta 10+407.82
Δ = 0° 57' 39.5"
G = 0° 57' 39.5"
Ls = 104.00'
Lt = 69.33'
St = 34.67'
R = 18000'
RO = SEE PLANS
SE = SEE PLANS

PI Sta 14+61.48
Δ = 90° 54' 41" (LT)
D = 150' 53.7"
L = 137.97'
T = 29.50'
R = 33000.00'
RO = SEE PLANS
SE = SEE PLANS

PI Sta 16+91.08
Δ = 0° 58' 50.0"
G = 0° 58' 50.0"
Ls = 82.00'
Lt = 54.00'
St = 17.53'
R = 18000'
RO = SEE PLANS
SE = SEE PLANS

-LNB-

PI Sta 11+06.22
Δ = 2° 28' 35.3" (RT)
D = 0' 53' 03.7"
L = 292.37'
T = 120.93'
R = 33000.00'
RO = SEE PLANS
SE = SEE PLANS

PI Sta 14+18.09
Δ = 2° 28' 35.3" (RT)
D = 0' 53' 03.7"
L = 292.37'
T = 120.93'
R = 33000.00'
RO = SEE PLANS
SE = SEE PLANS

PI Sta 24+18.09
Δ = 2° 28' 35.3" (RT)
D = 0' 53' 03.7"
L = 292.37'
T = 120.93'
R = 33000.00'
RO = SEE PLANS
SE = SEE PLANS

-Y1PA-

PI Sta 10+18.00
Δ = 0° 14' 16.3"
G = 0° 14' 16.3"
Ls = 54.00'
Lt = 18.00'
St = 36.00'
R = 15000'
RO = SEE PLANS
SE = SEE PLANS

PI Sta 18+19.00
Δ = 2° 27' 21.7"
D = 15' 04' 25.2" (RT)
L = 1500.00'
T = 86.64'
R = 16270'
RO = SEE PLANS
SE = SEE PLANS

PI Sta 18+13.20
Δ = 16° 44' 25.2" (LT)
D = 38' 11' 43.2"
L = 43.83'
T = 22.00'
R = 15000'
RO = SEE PLANS
SE = SEE PLANS

-YRPA-

PI Sta 10+18.00
Δ = 2° 27' 21.7"
D = 15' 04' 25.2" (RT)
L = 1500.00'
T = 86.64'
R = 16270'
RO = SEE PLANS
SE = SEE PLANS

PI Sta 20+16.70
Δ = 15' 04' 25.2" (RT)
D = 4' 02' 05.7"
L = 86.64'
T = 16.270'
R = 16270'
RO = SEE PLANS
SE = SEE PLANS

PI Sta 22+38.68
Δ = 3° 40' 18.4"
G = 3° 40' 18.4"
Ls = 182.00'
Lt = 120.360'
St = 60.629'
R = 18000'
RO = SEE PLANS
SE = SEE PLANS

PI Sta 25+70.22
Δ = 28° 57' 55.7" (LT)
D = 18' 11' 60.5"
L = 180.00'
T = 200.74'
R = 16625'
RO = SEE PLANS
SE = SEE PLANS

PI Sta 27+47.51
Δ = 18' 11' 60.5"
D = 180.00'
L = 175.52'
T = 35.000'
R = 16625'
RO = SEE PLANS
SE = SEE PLANS

INTERCHANGE OF I-74/US311 (-LNB-) AND NC 68 EASTCHESTER DRIVE (-Y-)

2018 ADT	40,856	9,852	41,584
2038 ADT	47,896	13,532	72,144
	7,560	9,960	
	37,376	5,832	
	65,216	8,712	
		37,024	45,184

