PROJECT REFERENCE NO.	SHEET NO.
R-5751	EC-6/CONST.6

RS&H
8521 SIX FORKS ROAD, SUITE 400
RALEIGH, NC 27615
NC FIRM LICENSE No: F-0493

REVISIONS

NAD 83/NA 2011

-YIRPA- CURVE DATA

Pis Sta 15+267.1
Θs = 4°15'30.5"
Ls = 220.00'
LT = 146.71'
ST = 73.37'

Pi Sta 16+98.31
Δ = 7°35'02.2" (RT)
D = 3°52'16.8"
L = 463.71'
T = 232.13'
R = 1,480.00'
SE = 0ft
RO = SEE PLANS
DS = 65 MPH

Pis Sta 18+76.38
Θs = 4°38'44.2"
Ls = 240.00'
LT = 160.06'
ST = 80.05'

Pis Sta 21+56.38
Θs = 5°20'37.1"
Ls = 180.00'
LT = 120.05'
ST = 60.05'

Pi Sta 24+12.62
Δ = 22°59'42.9" (LT)
D = 5°56'14.6"
L = 387.30'
T = 196.29'
R = 965.00'
SE = 0ft
RO = SEE PLANS
DS = 40 MPH

Pi Sta 26+36.96
Δ = 38°11'54.5" (RT)
D = 59°40'59.2"
L = 64.17'
T = 33.34'
R = 96.00'

-YIRPB- CURVE DATA

Pis Sta 10+93.34
Θs = 1°28'47.9"
Ls = 140.00'
LT = 93.34'
ST = 46.67'

Pi Sta 15+17.53
Δ = 15°51'42.1" (LT)
D = 2°06'51.2"
L = 750.23'
T = 377.23'
R = 2,710.00'
SE = 0ft
RO = SEE PLANS
DS = 65 MPH

Pi Sta 21+96.32
Δ = 24°22'00.9" (LT)
D = 19°21'24.1"
L = 125.88'
T = 63.59'
R = 296.00'

-YIRPC- CURVE DATA

Pis Sta 14+96.71
Θs = 4°15'30.5"
Ls = 220.00'
LT = 146.71'
ST = 73.37'

Pi Sta 16+54.63
Δ = 6°32'44.4" (RT)
D = 3°52'16.8"
L = 169.08'
T = 84.63'
R = 1,480.00'
SE = 0ft
RO = SEE PLANS
DS = 65 MPH

Pis Sta 18+19.13
Θs = 4°38'44.2"
Ls = 240.00'
LT = 160.06'
ST = 80.05'

Pis Sta 20+99.11
Θs = 4°07'31.1"
Ls = 180.00'
LT = 120.03'
ST = 60.03'

Pi Sta 24+11.76
Δ = 22°51'20.3" (LT)
D = 4°35'01.2"
L = 498.63'
T = 252.58'
R = 1,250.00'
SE = 0ft
RO = SEE PLANS
DS = 45 MPH

Pi Sta 26+93.47
Δ = 40°17'23.4" (RT)
D = 59°49'59.2"
L = 68.46'
T = 35.76'
R = 96.00'

-RAB- CURVE DATA

Pi Sta 10+00.01
Δ = 359°59'12.0" (LT)
D = 76°23'39.7"
L = 471.22'
T = 0.01'
R = 75.00'
DS = 25 MPH

-RCD- CURVE DATA

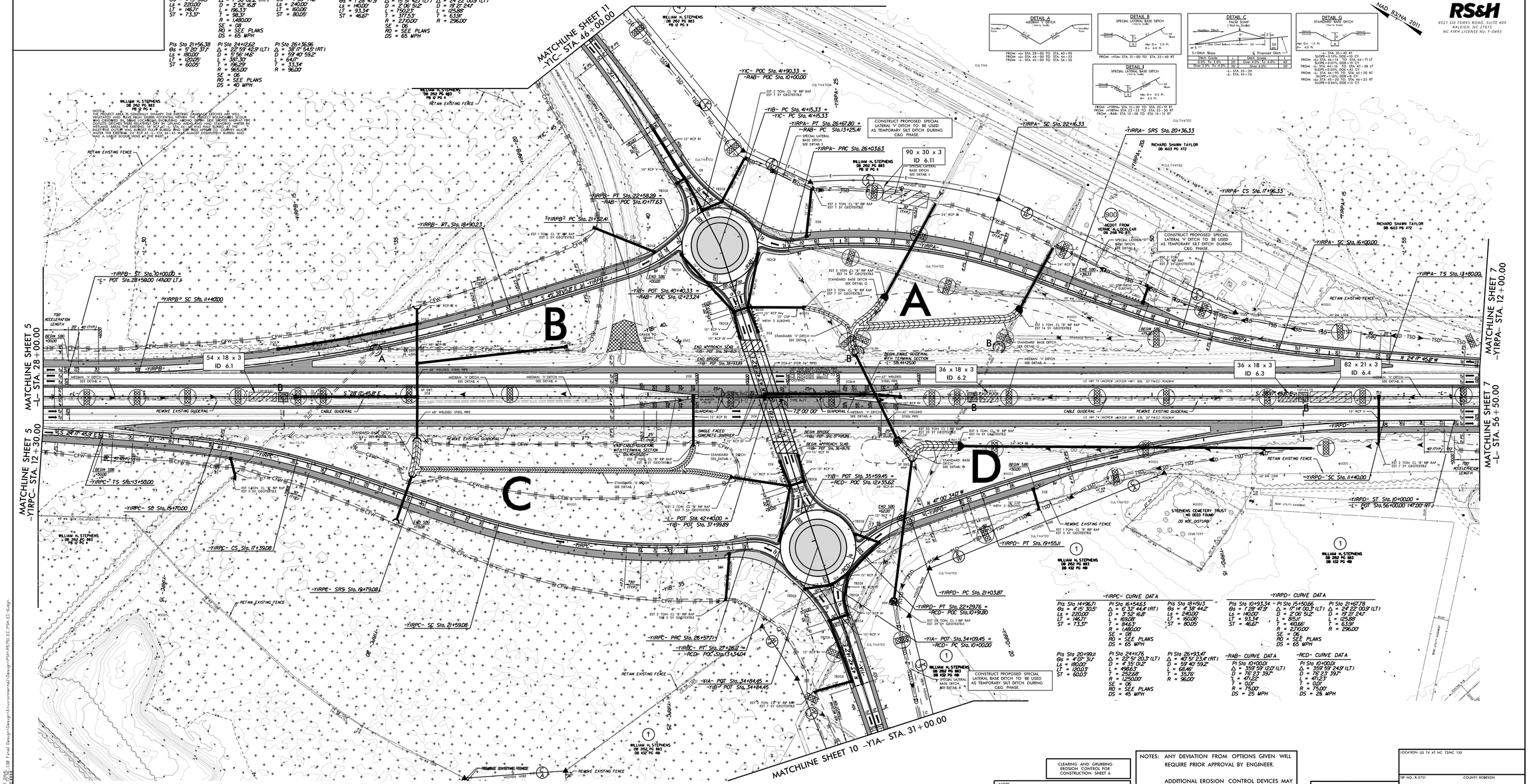
Pi Sta 10+00.01
Δ = 359°59'24.9" (LT)
D = 76°23'39.7"
L = 471.23'
T = 0.01'
R = 75.00'
DS = 25 MPH

-YIRPD- CURVE DATA

Pis Sta 10+93.34
Θs = 1°28'47.9"
Ls = 140.00'
LT = 93.34'
ST = 46.67'

Pi Sta 15+50.66
Δ = 17°14'00.3" (LT)
D = 2°06'51.2"
L = 815.11'
T = 410.66'
R = 2,710.00'
SE = 0ft
RO = SEE PLANS
DS = 65 MPH

Pi Sta 21+67.78
Δ = 24°22'00.9" (LT)
D = 19°21'24.1"
L = 125.88'
T = 63.59'
R = 296.00'



CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 6

NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

GRAPHIC SCALE
50 25 0 50 100
PLANS

LOCATION: US 74 AT NC 72/NC 130
TIP NO.: R-5751 COUNTY: ROBESON
DESIGNED BY: JMB
CHECKED BY: JMT DATE: 4/1/19

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