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5/28/99

Dewberry
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. P-0929

PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	77

DITCH LEGEND

LEFT DITCH — · · — · · —

RIGHT DITCH ---------

ROADWAY DESIGN ENGINEER

6/17/2021

HYDRAULICS ENGINEER

6/17/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

–Y4–

BEGIN GRADE
–Y4– POT Sta. 17+00.00
EL. 1,029.54'

PROPOSED GRADE

EXISTING GROUND

PI = 22+40.00
EL = 1,038.28'
VC = 150'
K = 47

(+)1.6180%

(–)1.5752%

(–)5.1928%

–Y4– POT Sta. 23+78.77 =
–Y3– POC Sta. 32+59.91

END GRADE
–Y4– POT Sta. 23+45.84
EL. 1,036.61'

SEE SHEET 11 FOR –Y4–

–Y4– STA. 12+50.00 TO STA. 23+48.04

1,040 / 1,030 / 1,020 / 1,010 / 1,000 / 990

11 12 13 14 15 16 17 18 19 20 21 22 23

–Y23–

END GRADE
–Y23– POT Sta. 39+33.33
EL. 1,015.05'

–Y6– POC Sta. 16+54.00 =
–Y23– POT Sta. 39+44.33

EXISTING GROUND

(–)0.3000%

(–)5.6587%

PROPOSED GRADE

BEGIN GRADE
–Y23– POT Sta. 36+60.00
EL. 1,023.55'

PI = 37+90.00
EL = 1,023.16'
VC = 150'
K = 28
DS = 30 MPH

SEE SHEET 29 FOR –Y23–

–Y23– STA. 36+25.00 TO STA. 39+33.33

–Y22A–

DITCH LEGEND

RIGHT DITCH ---------

PI = 36+25.00
EL = 995.74'
VC = 100'
K = 20
DS = 20 MPH

PI = 39+60.00
EL = 999.76'
VC = 120'
K = 28
DS = 30 MPH

1,002.39

(–)13.8000%

(–) 2.79%

(–) 0.46%

(+)1.2000%

(–) 3.30%

(+)1.2000%

(–)3.0749%

(–) 0.30%

PROPOSED GRADE

–Y6– POC Sta. 13+55.00 =
–Y22A– POT Sta. 40+35.15

BEG. SPEC. CUT DITCH
STA. 35+50.0
EL = 996.50

PI = 36+50
EI = 993.71

END SPEC. CUT DITCH
STA. 37+00
EL = 993.48

BEG. LAT. V DITCH
STA. 37+50
EL = 992.84

EXISTING GROUND

PI = 39+00
EI = 987.89

END LAT. V DTCH.
STA. 40+00
EL = 987.59

BEGIN GRADE
–Y22A– POT Sta. 34+50.00
EL. 1,002.39'

END GRADE
–Y22A– POT Sta. 40+24.15
EL. 997.79'

SEE SHEETS 11 & 29 FOR –Y22A–

–Y22A– STA. 34+50.00 TO STA. 40+24.15

1,040 / 1,030 / 1,020 / 1,010 / 1,000 / 990 / 980 / 970 / 960

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