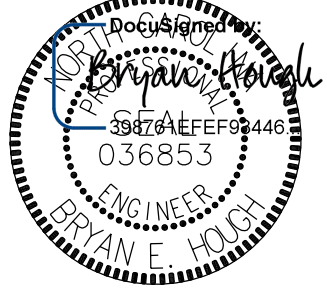
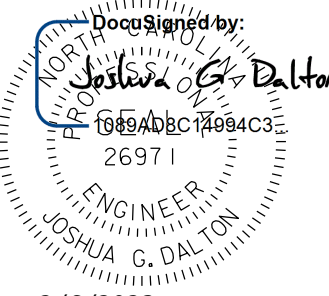



PROJECT REFERENCE NO. U-5826		SHEET NO. 5	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER 		HYDRAULICS ENGINEER 	
2/6/2023		2/6/2023	

PROJECT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

 KCI
Engineers • Planners • Scientists • Construction Managers
4505 Falls of Neuse Road, Suite 400
Raleigh, NC 27609-6270
Phone (919) 783-9214 • Fax (919) 783-9266

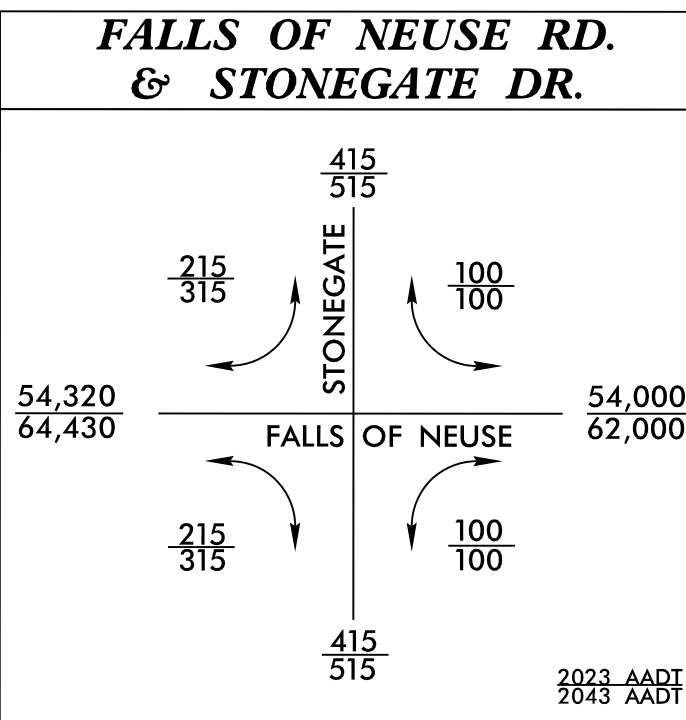
-L-
PI Sta 28+77.63
Δ = 4' 4" 48.2" (RT)
D = 1' 00' 00.0"
L = 469.67'
T = 234.97'
R = 5,729.58'
DS = 50 MPH
e = .02
RUNOFF = 100'

-L-
PI Sta 32+73.84
Δ = 3' 4" 59.9" (RT)
D = 1' 08' 45.3"
L = 322.88'
T = 161.50'
R = 5,000.00'
DS = 50 MPH
e = .02

-Y2-
PI Sta 10+32.89
Δ = 9' 03' 24.4" (RT)
D = 13' 50' 43.4"
L = 65.48'
T = 32.89'
R = 415.00'

-L-
PI Sta 37+75.09
Δ = 7' 42' 01.5" (LT)
D = 1' 08' 04.5"
L = 678.71'
T = 339.87'
R = 5,050.00'
DS = 50 MPH
e = .02
RUNOFF = 100'

-Y1-
PI Sta 11+22.31
Δ = 7' 14' 49.3" (LT)
D = 6' 44' 40.5"
L = 107.45'
T = 53.83'
R = 850.00'



NOTE: RETAIN ALL TREES WHERE POSSIBLE THAT ARE OUTSIDE OF THE SLOPE STAKES
FOR INTERSECTION DETAIL, SEE SHEETS 2B-1 AND 2B-2
FOR -L- PROFILE VIEW, SEE SHEETS 10 & 11
FOR BRIDGE PRESERVATION PLANS, SEE SHEETS S-1 TO S-6

REVISIONS

MATCHLINE -L- 24 + 00.00
SEE SHEET 4

MATCHLINE -L- 38 + 00.00
SEE SHEET 6

01-FEB-2023 20:32
M:\2013\213395\03 NCDOT U-5826 Falls of the Neuse Rd\Roadway\Pro\U-5826-Rdly.psh_5.dgn
BRYAN HOOD

