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5/28/99

-Y2-

BEGIN GRADE
-Y2- STA.28+10.00
ELEV. = 53.99'

PI = 30+76.00
EL = 53.19'
VC = 440'
K = 97
V ≥ 50 MPH

EXISTING 2@
5'X7' RCBC

(+)4.2484%
(-)10.3000%
(+)10.3%
(+)10.8%
(+)10.3%

BEGIN DITCH LT
STA = 29+22.70
ELEV = 50.00'

BEGIN DITCH RT
STA = 29+50.00
ELEV = 50.14'

PI = 30+61.20
ELEV = 50.47'

NV5 ENGINEERS & CONSULTANTS, INC.
3300 REGENCY PARKWAY, SUITE 100
CARY, NC 27518
P: 919.851.1912 www.NV5.com
NC License # F-1333
formerly CALYX Engineers & Consultants

PROJECT REFERENCE NO.	SHEET NO.
R-5819/R-5820	33

ROADWAY DESIGN ENGINEER
4/13/2022
NORTH CAROLINA PROFESSIONAL SEAL 017265 ENGINEER STEVEN R. ANTHONY ABRAM
DocuSigned by: Steven Abram

HYDRAULICS ENGINEER
4/13/2022
NORTH CAROLINA PROFESSIONAL SEAL 039102 ENGINEER BRANDON T. BARHAM
DocuSigned by: Brandon Barham

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-Y2-

-Y2- Sta.40+06.72 =
-L- Sta.89+49.48

BEGIN BRIDGE
-Y2- Sta.38+93.34

END BRIDGE
-Y2- Sta.42+37.17

PI = 40+30.00
EL = 93.72'
VC = 693'
K = 84
V ≥ 50 MPH

PI = 49+18.00
EL = 58.20'
VC = 550'
K = 128
V ≥ 50 MPH

(+)4.2484%
(-)4.0000%
(-)4.0000%
(+)10.3006%
(+)10.8%
(+)10.3%
(+) 0.40%
(+) 0.10%
(+) 2.24%
(+) 0.4000%

EXISTING 2@
6X6 RCBC

CONCRETE SLOPE PROTECTION

MEDIAN DITCH	----------
LEFT DITCH	-·-·-·-
RIGHT DITCH	·····

END DITCH LT
STA = 38+50.00
ELEV = 52.79'

END DITCH RT
STA = 38+50.00
ELEV = 56.60'

BEGIN DITCH LT
STA = 41+52.00
ELEV = 49.55'

BEGIN DITCH RT
STA = 41+62.00
ELEV = 49.19'

PI = 42+00.00
ELEV = 50.04'

END DITCH LT
STA = 50+50.00
ELEV = 50.45'

2/14/2022
R:\Roadway\Proj\R5819_R5820_RDY_PFL_33.dgn
gjones3