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5/28/99

PLANS PREPARED BY :
PARSONS
RALEIGH, NORTH CAROLINA, (919) 854-1345
NC LICENSE NO. F-0246
FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

SUNGATE DESIGN GROUP, P.A.
915 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27606
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ENG FIRM LICENSE NO. C-990

PROJECT REFERENCE NO.	SHEET NO.
W-5203AA	7

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 37950 ENGINEER JASON M. BRENNAN
20CE4853B2F14E6...
6/9/2016

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 026971 ENGINEER JOSHUA D. BRADSHAW
1089ADBC1455B2...
6/9/2016

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L_RT_GP-

BEGIN GRADE (TIE TO NB RESURF.PROJECT)
STA. 415+94 +/- -L_RT_GP- =
STA. 416+00.00 -L-, 15' RT
EL. = 40.14

PI = 417+69.00
EL = 39.40'

PI = 423+85.00
EL = 38.17'
VC = 350'
K = 67.3
DS = 80 MPH

(-)0.4200%

(-)0.2000%

PROPOSED GRADE

(+)0.3200%

40.14

EXISTING GROUND

SEE SHEET 4 FOR -L- ALIGNMENT

416 417 418 419 420 421 422 423 424 425 426 427 428 429 430

100 90 80 70 60 50 40 30 20

-L_RT_GP-

PI = 433+50.00
EL = 41.26'
VC = 320'
K = 69.6
DS = 80 MPH

PI = 435+15.00
EL = 41.03'

END GRADE (TIE TO NB RESURF.PROJECT)
STA. 437+05 +/- -L_RT_GP- =
STA. 437+10.00 -L-, 15' RT
EL. = 40.99

40.14

(+)0.3200%

PROPOSED GRADE

(+)0.1400%

(-)0.0200%

EXISTING GROUND

SEE SHEET 5 FOR -L- ALIGNMENT

430 431 432 433 434 435 436 437 438

100 90 80 70 60 50 40 30 20

25-MAY-2016 15:30
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