DocuSign Envelope ID: 60782F5A-0F74-4E66-91F5-57CE8CEDAC22

PROJECT REFERENCE NO.	SHEET NO.
B-4775	4
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
DocuSigned by: Greg S. Purvis
NORTH CAROLINA PROFESSIONAL SEAL 022999 ENGINEER GREG S. PURVIS
2/1/2018

HYDRAULICS ENGINEER
DocuSigned by: James C. Davis
NORTH CAROLINA PROFESSIONAL SEAL 18462 ENGINEER JAMES C. DAVIS
2/1/2018

WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
Liscense No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

BRIDGE NO. 17

-L-

PI STA.10+39.28 Δ = 1° 33' 53.2" (RT) D = 3° 49' 11.0" L = 40.97' T = 20.48' R = 1,500.00' SE = EXIST.	PI STA.11+30.08 Δ = 18° 50' 53.1" (LT) D = 26° 02' 36.7" L = 72.37' T = 36.52' R = 220.00' SE = EXIST.	PI STA.11+91.41 Δ = 13° 12' 43.8" (LT) D = 26° 02' 36.7" L = 50.73' T = 25.48' R = 220.00' SE = EXIST.	PI STA.12+45.03 Δ = 2° 29' 59.5" (LT) D = 4° 24' 26.5" L = 56.72' T = 28.36' R = 1,300.00' SE = EXIST.	PI STA.13+31.36 Δ = 8° 02' 59.8" (RT) D = 15° 16' 43.9" L = 52.69' T = 26.39' R = 375.00' SE = EXIST.	PI STA.14+00.10 Δ = 21° 28' 08.5" (RT) D = 57° 17' 44.8" L = 37.47' T = 18.96' R = 100.00' SE = .04 DS= 20 MPH	PI STA.14+86.33 Δ = 3° 13' 42.8" (RT) D = 11° 27' 33.0" L = 28.17' T = 14.09' R = 500.00' SE = .04 DS= 20 MPH
PI STA.15+71.54 Δ = 23° 08' 59.7" (RT) D = 31° 49' 51.6" L = 72.73' T = 36.87' R = 180.00' SE = EXIST.	PI STA.16+29.76 Δ = 8° 20' 10.8" (RT) D = 38° 11' 49.9" L = 21.82' T = 10.93' R = 150.00' SE = EXIST.	PI STA.16+73.42 Δ = 18° 59' 02.6" (RT) D = 40° 55' 32.0" L = 46.39' T = 23.41' R = 140.00' SE = EXIST.	PI STA.17+06.71 Δ = 3° 09' 07.1" (RT) D = 15° 16' 43.9" L = 20.63' T = 10.32' R = 375.00' SE = EXIST.	PI STA.17+72.87 Δ = 32° 52' 38.2" (LT) D = 67° 24' 24.5" L = 48.77' T = 25.08' R = 85.00' SE = EXIST.	PI STA.18+70.31 Δ = 5° 10' 38.2" (RT) D = 14° 19' 26.2" L = 36.14' T = 18.08' R = 400.00' SE = EXIST.	

-DR-

PI STA.10+61.96 Δ = 28° 36' 19.5" (RT) D = 114° 35' 29.6" L = 24.96' T = 12.75' R = 50.00' SE = .02 DS= N/A	PI STA.10+38.14 Δ = 25° 50' 08.4" (LT) D = 114° 35' 29.6" L = 22.55' T = 11.47' R = 50.00' SE = .02 DS= N/A

SHOULDER BERM GUTTER
FROM STA. 14+62.30
TO STA. 14+75.93 RT.

SKETCH SHOWING BRIDGE/PAVEMENT RELATIONSHIP

PROP. SOIL NAIL WALL -L- LT/ 13+00 TO 14+15.60

SEE SHEET 2A-1 FOR DRAINAGE DETAILS

SEE SHEET 5 FOR -L-, -DR- PROFILE

REVISIONS

8/17/99

1/30/2018
B-4775_r-dy_PSH04.dgn
USER:kskennedy