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8/17/99

-DET-Y6-

PI Sta 10+79.43
△ = 7° 38' 13.1" (LT)
D = 4° 48' 53.2"
L = 158.62'
T = 79.43'
R = 1,190.00'
DS = 45mph

PI Sta 13+55.24
△ = 7° 22' 05.1" (RT)
D = 4° 48' 53.2"
L = 153.03'
T = 76.62'
R = 1,190.00'
DS = 45mph

PI Sta 16+02.64
△ = 6° 52' 47.8" (RT)
D = 4° 48' 53.2"
L = 142.89'
T = 71.53'
R = 1,190.00'
DS = 45mph

PI Sta 19+02.31
△ = 10° 24' 03.9" (LT)
D = 4° 48' 53.2"
L = 216.02'
T = 108.31'
R = 1,190.00'
DS = 45mph

DETAIL OF TEMPORARY DETOUR –DET–Y6–

NAD 83/2011

-DET-Y6- PRC Sta. 25+07.57

-Y6- PT Sta. 28+78.11

-DET-Y6- PT Sta. 11+58.62

-DET-Y6- PC Sta. 17+94.00

S 44° 35' 25.7" E

S 37° 13' 20.6" E

S 37° 20' 32.8" E

-DET-Y6- PC Sta. 12+78.62

-DET-Y6- PT Sta. 14+31.65

-DET-Y6- PC Sta. 15+31.11

-DET-Y6- PT Sta. 16+74.00

-DET-Y6- PT Sta. 20+10.03

-DET-Y6- PC Sta. 10+00.00

-Y6- POC Sta. 18+66.17 OFFSET = 4.69'

-Y6- POC Sta. 28+71.87 OFFSET = 57.06'

FOR PLAN VIEW SEE SHEETS 25 & 44

PROJECT REFERENCE NO.	SHEET NO.
I-5987B	2B-11

R/W SHEET NO.

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 029001 ENGINEER DAVID C. WALLER

Digitally signed by DAVID C. WALLER
Date: 2022.04.29 08:14:48 -04'00'

4/29/2022
MOTT MACDONALD I & E, LLC
LICENSE NO. F-0669

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 31977 ENGINEER KEVIN B ALFORD

Digitally signed by KEVIN B ALFORD
Date: 2022.04.29 13:19:17 -04'00'

4/29/2022
WETHERILL ENGINEERING, LLC.
LICENSE NO. F-0377

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared in the Office of:
MOTT MACDONALD
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Fuquay-Varina, NC 27526
www.mottmac.com/americas

WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

–DET–Y6–

BEGIN GRADE
-DET-Y6- STA. 11+55.14
ELEV = 165.48'

PI = 14+85.00
EL = 162.00'
VC = 5.30'
K = 86
DS = 45 MPH

PROPOSED GRADE

(–)1.0550%

(+)5.0967%

EXISTING GROUND

END GRADE
-DET-Y6- STA. 18+35.23
ELEV = 179.85'

190 180 170 160 150 140

10 11 12 13 14 15 16 17 18 19 20

4/15/2022
K:\Projects\Proj\5987b_rdy_psh_02B-11.dgn
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