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5/28/99

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| B-5980 | 15 |

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 18470 ENGINEER EDWARD C. EDWARDS JR. 3/2/2021

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 10746 ENGINEER GLENN L. HOWELL 3/2/2021

Prepared in the Office of: AECOM
NC FIRM LICENSE No: F-0342
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**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**

## –RPC–

**–RPC– STA. 10+00.00 =**
**–L2– STA. 39+47.64 (24' RT)**

**BEGIN GRADE**
**–RPC– STA. 14+00.00**
**EL = 136.36'**

**END GRADE**
**–RPC– STA. 21+57.92 =**
**–RAB2– STA. 10+73.43 (21' RT)**
**EL = 155.58'**

PI = 15+70.00
EL = 137.04'
VC = 340'
K = 125

PI = 21+17.41
EL = 154.15'

155.77'

(–) 8.8889%
(+)0.4000%
(+)3.1259%
(–) 1.8930%
(+)3.5185%
(+)3.1259%
(+)0.9239%

PROPOSED GRADE
EXISTING GROUND

BEGIN V-DITCH LT
-RPC- STA.13+91
ELEV = 137.00

PI =14+00
ET = 136.20

END V-DITCH LT
-RPC- STA.14+94
ELEV = 134.43

UNDERCUT
LEFT DITCH

FOR –RPC– PLAN VIEW SEE SHEET 5

## –RPD–

**BEGIN GRADE**
**–RPD– STA. 10+00.00 =**
**–L– STA. 64+50.07 (54' RT)**
**EL = 126.94'**

**END GRADE**
**–RPD– STA. 21+34.55 =**
**–RAB2– STA. 13+09.89 (21' RT)**
**EL = 155.09'**

PI = 12+03.00
EL = 128.71'
VC = 183'
K = 324

PI = 15+07.00
EL = 129.65'
VC = 425'
K = 114

PI = 20+58.82
EL = 151.85'

155.29'

(+)0.8737%
(+)0.3092%
(+)0.3092%
(+)4.0226%
(+)4.0226%
(+)4.2799%
(+)0.9394%
(+) 2.2680%
(+) 2.3004%

PROPOSED GRADE
EXISTING GROUND

BEGIN V-DITCH RT
-RPD- STA.16+50
ELEV=129.38

BEGIN V-DITCH LT
-RPD- STA.18+00
ELEV = 130.02

END V-DITCH RT
-RPD- STA.19+00
ELEV=135.05

END V-DITCH LT
-RPD- STA.20+39
ELEV = 135.52

RIGHT DITCH
LEFT DITCH

FOR –RPD– PLAN VIEW SEE SHEET 5

3/1/2021
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Morgan Nelson