Docusign Envelope ID: 6FD60562-2573-4AF6-8647-6C1A0EB0302B

5/28/99

-Y1-

BEGIN GRADE
-Y1- Sta. 10+20.05
EL = 821.92'

PI = 10+51.00
EL = 821.62'
VC = 60'
K = 13

END GRADE
BEGIN OVERLAY
-Y1- Sta. 13+50.00
EL = 806.14'

PI = 13+00.00
EL = 807.26'
VC = 100'
K = 28

END OVERLAY
-Y1- Sta. 16+25.00

END CONSTRUCTION
-Y1- Sta. 16+50.00

(-)0.9693%
(-)5.7671%
(-)2.2400%
(-)2.26%
PROPOSED GRADE
EXISTING GRADE

-L- (NC 42)

BEGIN DITCH
STA. 12+58 - LT
ELEV. 807.00

END DITCH
STA. 12+85 - LT
ELEV. 806.39

RETAIN 3' X 4' RCBC

-Y2- (DUBLIN SQUARE ROAD)

MILL TO EXIST

-Y3- (COLERIDGE ROAD)

-Y4- (FRIENDLY ROAD)

FOR PLAN VIEW SEE SHEETS 4 AND 5

PROJECT REFERENCE NO.	SHEET NO.
U-5743	10

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 21102 ENGINEER JAMES TIMOTHY CROSLAND
Digitally signed by JAMES TIMOTHY CROSLAND
02-Apr-2026

MOTT MACDONALD I & E, LLC
LICENSE NO. F-0669

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 31986 ENGINEER JAMES R. RICE
Digitally signed by JAMES R. RICE
02-Apr-2026

HDR ENGINEERING
LICENSE NO. F-0116

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared in the Office of:
MOTT MACDONALD
930 Main Campus Drive, Suite 200
Raleigh, NC 27606
www.mottmac.com

HDR Engineering, Inc. of the Carolinas
550 Fayetteville St, Suite 900 Raleigh, NC, 27601
N.C.B.E.L.S. License Number: F-0116

-Y2-

BEGIN GRADE
-Y2- Sta. 10+20.00
EL = 791.95'

PI = 10+50.00
EL = 792.85'
VC = 60'
K = 38

PI = 11+40.00
EL = 796.97'
VC = 120'
K = 25

END GRADE
BEGIN MILL & FILL
-Y2- Sta. 12+75.00
EL = 796.56'

END MILL & FILL
-Y2- Sta. 17+74.00

(+)3.0000%
(+)4.5778%
(+)4.00%
(-)0.3037%
PROPOSED GRADE
EXISTING GRADE

-L- (NC 42)

BEGIN DITCH
STA. 11+30 - LT
ELEV. 790.00

END DITCH
STA. 11+83 - LT
ELEV. 791.12

-Y1- (SALISBURY STREET)

FOR PLAN VIEW SEE SHEET 5

4/2/2026
d:\projecting\hmm\rail_transit\jor66165\d0177431\U-5743_rdy_psh_08-12.dgn
jrice