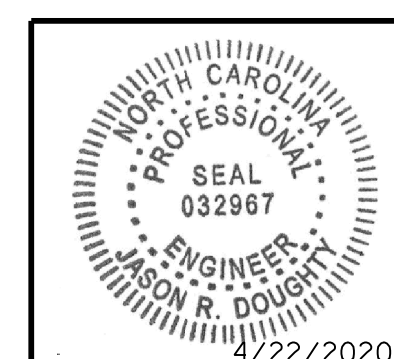


NOTES:

- FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
- PILES AT END BENT NO.1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 132 TONS PER PILE.
- DRIVE PILES AT END BENT NO.1 TO A REQUIRED DRIVING RESISTANCE OF 220 TONS PER PILE.
- PILES AT END BENT NO.2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 132 TONS PER PILE.
- DRIVE PILES AT END BENT NO.2 TO A REQUIRED DRIVING RESISTANCE OF 220 TONS PER PILE.
- PREDRILL PILE LOCATIONS AT END BENT NO.2 TO 10 FEET BELOW TOP OF MSE WALL LEVELING PAD WITH EQUIPMENT THAT WILL RESULT IN A MAXIMUM PREDRILLING DIAMETER OF 12". FOR PREDRILLING FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
- STEEL H-PILE POINTS ARE REQUIRED FOR STEEL H-PILES AT END BENT NO.2. FOR STEEL PILE POINTS, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
- INSTALL PILES AT END BENT NOS.1 AND 2 PRIOR TO MSE WALL CONSTRUCTION.

PROJECT NO. R-2233BB
RUTHERFORD COUNTY
 STATION: 774+41.49 -L3-
 SHEET 2 OF 4

| | | | | | |
|---|-----|-------|-----|-----|--------------------|
| STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH | | | | | |
| GENERAL DRAWING | | | | | |
| FOR LEFT LANE BRIDGE ON US 221 RUTHERFORDTON BYPASS OVER US 74 BUS. BETWEEN US 74 BYPASS AND GREEN ST. | | | | | |
| REVISIONS | | | | | |
| NO. | BY: | DATE: | NO. | BY: | DATE: |
| 1 | | | 3 | | |
| 2 | | | 4 | | |
| | | | | | SHEET NO. S1-2 |
| | | | | | TOTAL SHEETS 28 |



DocuSigned by:
Jason R Doughty
 5F73FA2DEA874E8...

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

4/22/2020 401.003.R2233BB.SWJ.FL.800660.DGN

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|----------------------------|------------|-------|-----------|
| DESIGNED BY: | C. CORMAN | DATE: | JULY 2019 |
| DRAWN BY: | K. WHITE | DATE: | JULY 2019 |
| CHECKED BY: | B. LOFLIN | DATE: | AUG 2019 |
| DESIGN ENGINEER OF RECORD: | J. DOUGHTY | DATE: | NOV 2019 |