



FOUNDATION LAYOUT

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 RIGHT LANE BRIDGE ON US 221
 RUTHERFORDTON BYPASS OVER
 US74 BUS. BETWEEN US 74
 BYPASS AND GREEN ST.

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-2
1			3			TOTAL SHEETS
2			4			28

MODJESKI and MASTERS
 Experience great bridges.
 333 FAYETTEVILLE STREET, SUITE 500
 RALEIGH, NC 27601
 NC LICENSE NO. C-2979

DocuSigned by:
Jason R. Doughty
 4/22/2020
 SF73FA2DEA974E8...

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

4/22/2020 402_003_R2233BB_SML.LL_800661.DGN

STR. #2