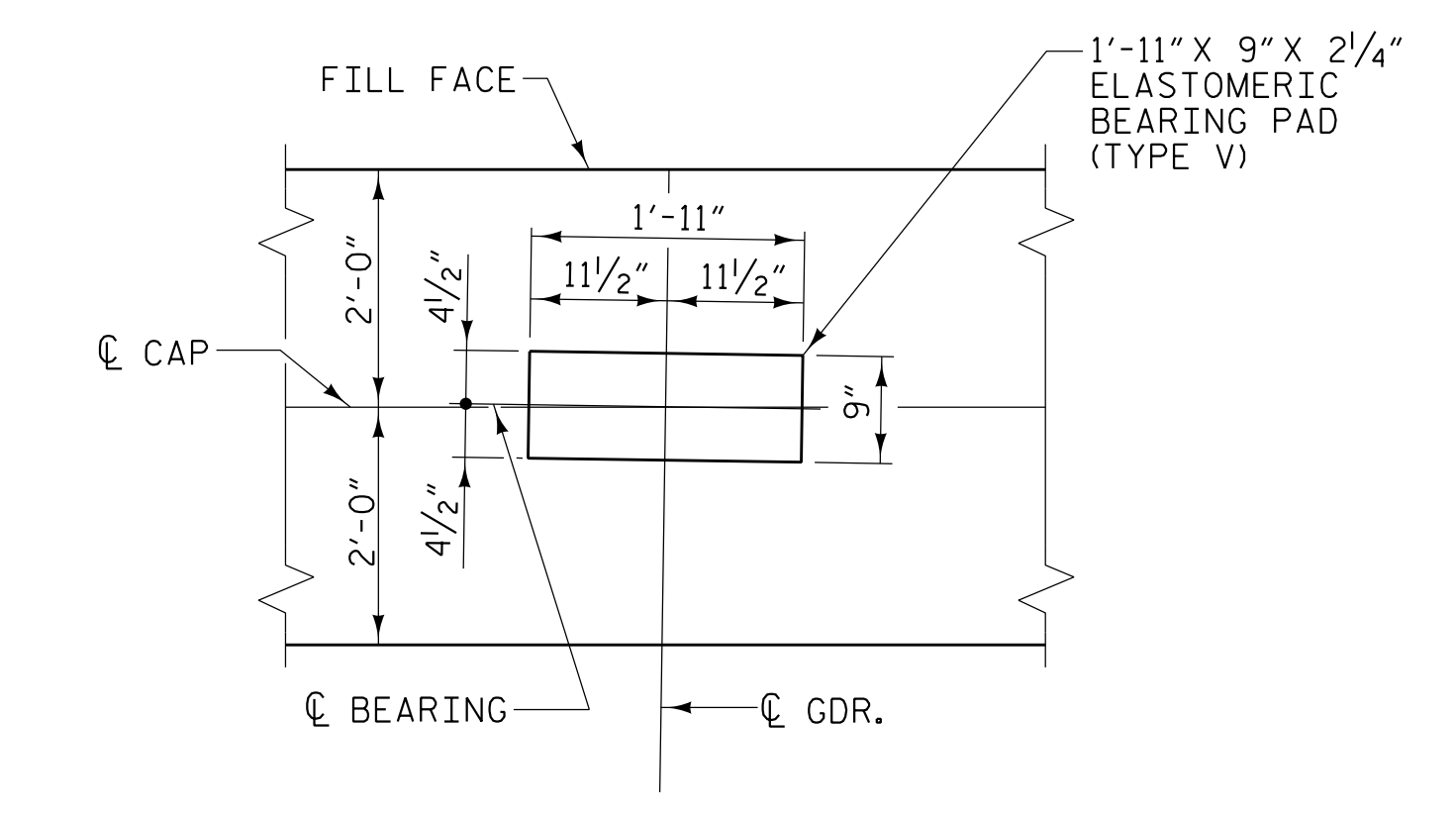


BILL OF MATERIAL

END BENT 2					
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	11	#9	3	48'-2"	1801
B2	6	#5	STR	45'-8"	286
B3	8	#4	STR	24'-1"	129
B4	12	#4	STR	3'-8"	29
B5	5	#4	STR	12'-8"	42
H1	32	#5	STR	14'-4"	478
H2	28	#5	4	12'-2"	355
H3	56	#5	STR	2'-7"	151
H4	28	#5	5	12'-2"	355
S1	76	#5	1	11'-10"	938
S2	76	#5	2	4'-7"	363
S3	32	#4	6	7'-7"	162
U1	9	#4	7	6'-8"	40
V1	54	#4	STR	6'-0"	216
V2	16	#5	STR	11'-0"	184
V3	88	#5	STR	6'-8"	612
TOTAL REINFORCING STEEL					6141 lbs.
CLASS "A" CONCRETE - CU. YARDS					
POUR 1 (CAP, COLLARS, LOWER WINGS) 32.5 cu. yds.					
POUR 2 (UPPER WINGS) 7.4 cu. yds.					
TOTAL					39.9 cu. yds.
HP 14 X 73 STEEL PILES					736
8 PILES REQUIRED - LIN. FEET					
PILE DRIVING EQUIPMENT SETUP FOR HP 14 X 73 STEEL PILES - EACH					8
STEEL PILE POINTS - EACH					8
PILE REDRIVES - EACH					4



PLANS PREPARED BY:

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4/12/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJECT NO. R-5819
COLUMBUS COUNTY
STATION: 40+06.72 -Y2- POT

SHEET 3 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE
INTEGRAL END BENT 2
DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.
1			3			TOTAL SHEETS 38
2			4			S1-34

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DRAWN BY: W. B. ALLEN DATE: 8/21
CHECKED BY: M. D. METZGER DATE: 1/22
DESIGN ENGINEER OF RECORD: M. D. METZGER DATE: 1/22