

NOTES:

GROOVED CONTRACTION JOINTS, 1/2" IN DEPTH SHALL BE TOOLED IN ALL EXPOSED FACES OF THE MONOLITHIC CONCRETE ISLAND IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINTS SHALL BE LOCATED AT A SPACING OF 8 FT. TO 10 FT. BETWEEN FILL FACE AT END BENT 1 TO FILL FACE AT END BENT 2 AND OVER THE INTERIOR BENT. NO CONTRACTION JOINTS WILL BE REQUIRED FOR SEGMENTS LESS THAN 10 FEET IN LENGTH.

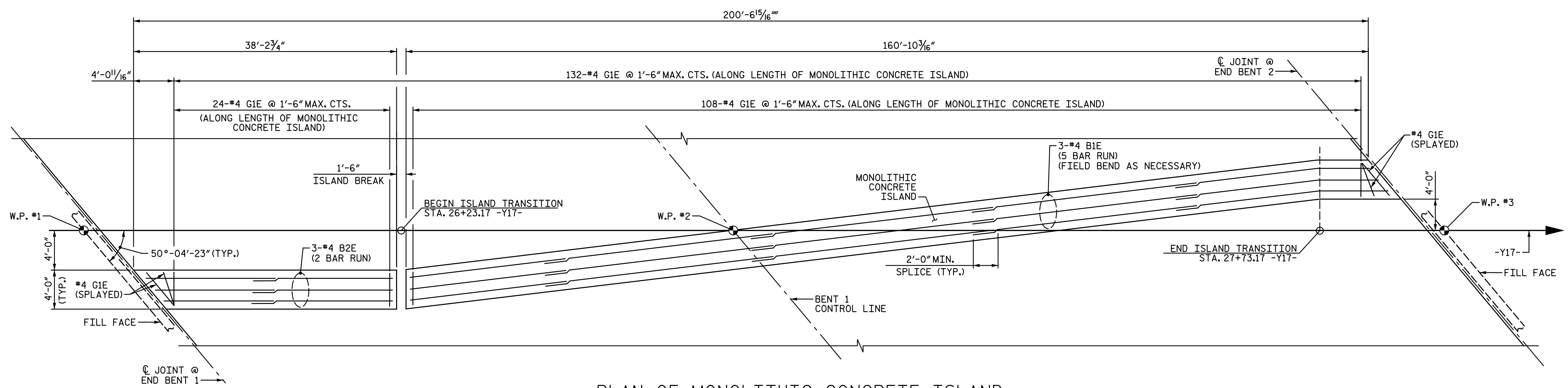
ALL REINFORCING STEEL IN MONOLITHIC CONCRETE ISLAND SHALL BE EPOXY COATED.

THE MONOLITHIC CONCRETE ISLAND ON A CONTINUOUS UNIT SHALL NOT BE CAST UNTIL ALL CONCRETE IN THE UNIT HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

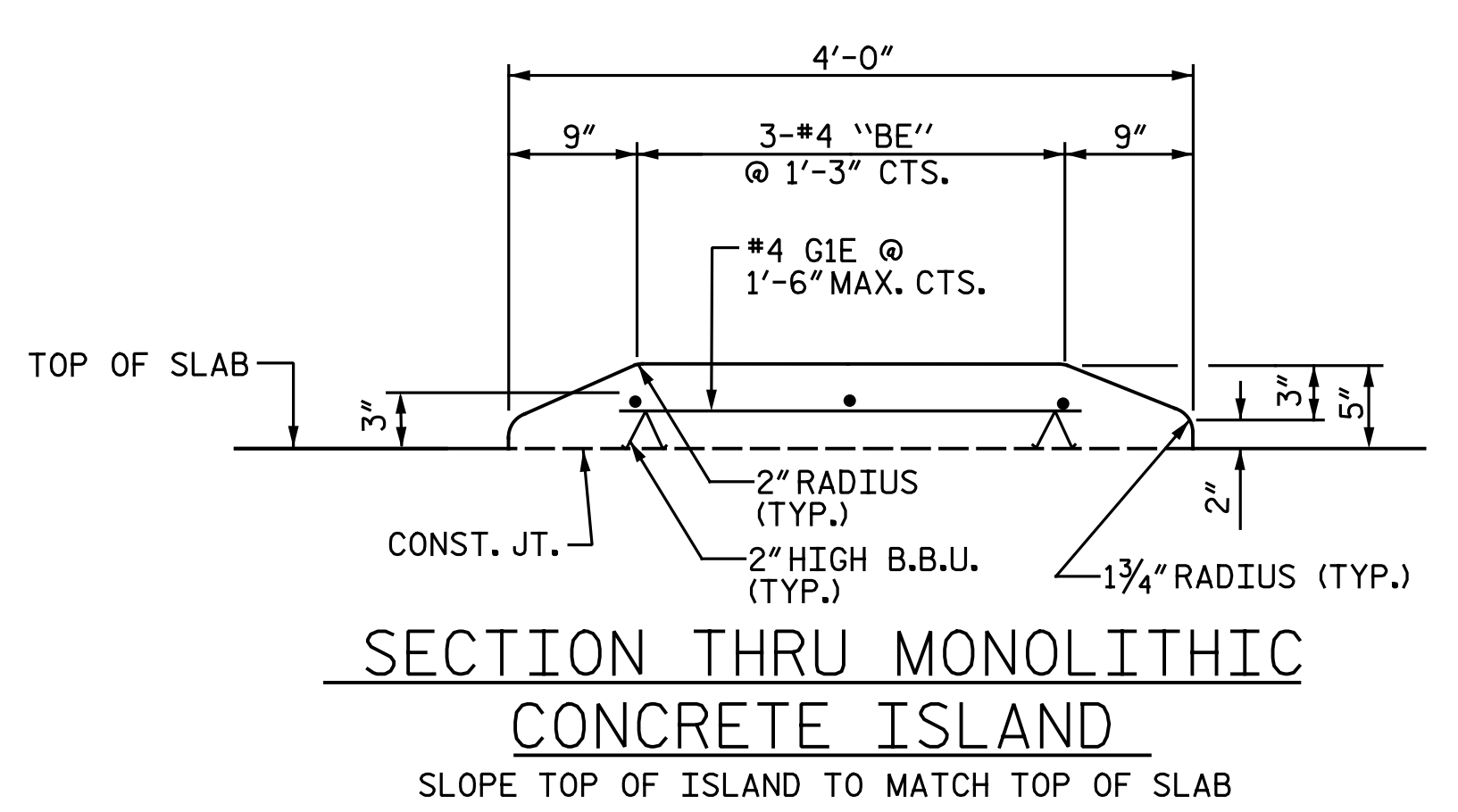
NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR MATERIALS OR LABOR REQUIRED TO CONSTRUCT THE MONOLITHIC CONCRETE ISLAND. THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR REINFORCED CONCRETE DECK SLAB.

FOR MONOLITHIC CONCRETE ISLAND ON APPROACH SLAB, SEE "BRIDGE APPROACH SLAB DETAILS" SHEET.

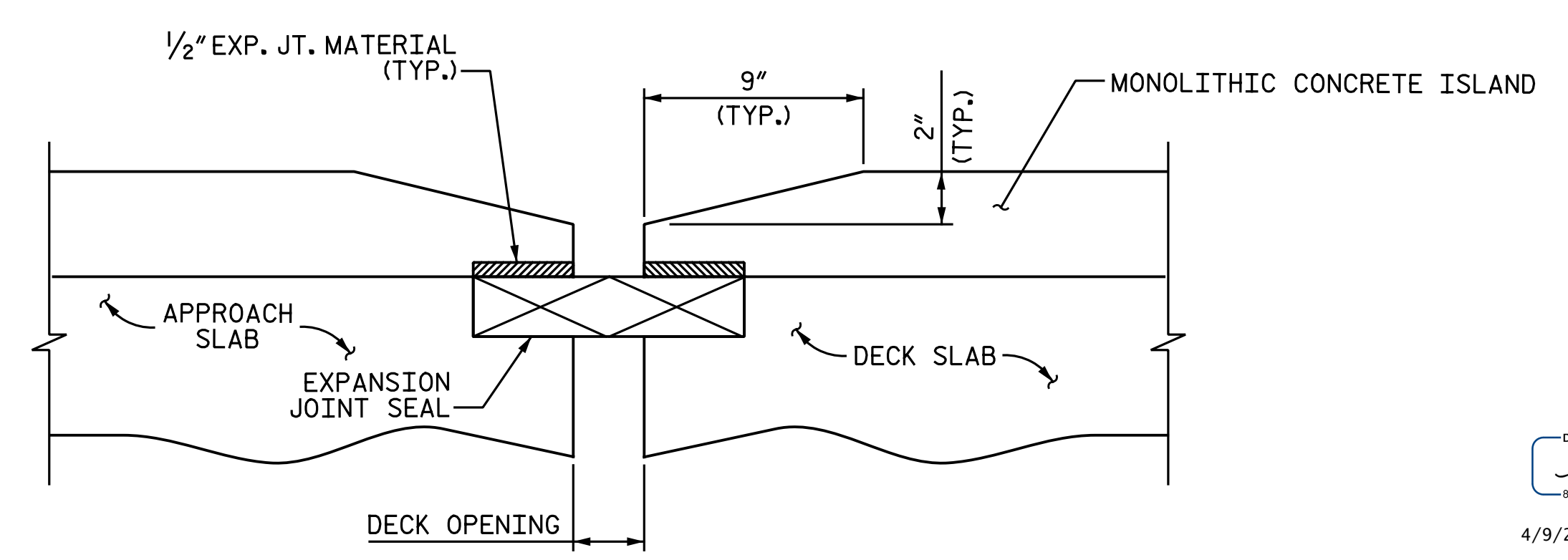
BILL OF MATERIAL					
MONOLITHIC CONCRETE ISLAND					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1E	15	#4	STR.	33'-10"	339
B2E	6	#4	STR.	20'-0"	80
G1E	136	#4	STR.	2'-11"	265
EPOXY COATED REINFORCING STEEL				LBS.	684
CLASS AA CONCRETE				CU. YDS.	10.9



PLAN OF MONOLITHIC CONCRETE ISLAND



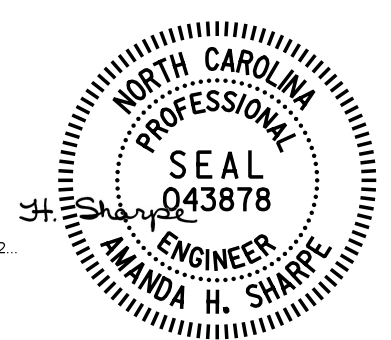
SECTION THRU MONOLITHIC CONCRETE ISLAND
SLOPE TOP OF ISLAND TO MATCH TOP OF SLAB



SECTION THROUGH MONOLITHIC CONCRETE ISLAND AT EXP. JOINTS

PROJECT NO. I-5883
HARNETT COUNTY
STATION: 26+80.73 -Y17-

DocuSigned by:
Amanda H. Sharpe
4/9/2020



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE
MONOLITHIC CONCRETE ISLAND

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-18
1			3			TOTAL SHEETS
2			4			33

DRAWN BY : N. B. SPEAKS DATE : 11-5-18
CHECKED BY : A. H. SHARPE DATE : 11-5-18

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