

BILL OF MATERIAL

MONOLITHIC ISLAND					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B6E	24	#4	STR	27'-2"	436
G1E	136	#4	STR	2'-10"	257
EPOXY COATED REINFORCING STEEL				LBS.	693
CLASS AA CONCRETE				C. Y.	11.1

NOTES:

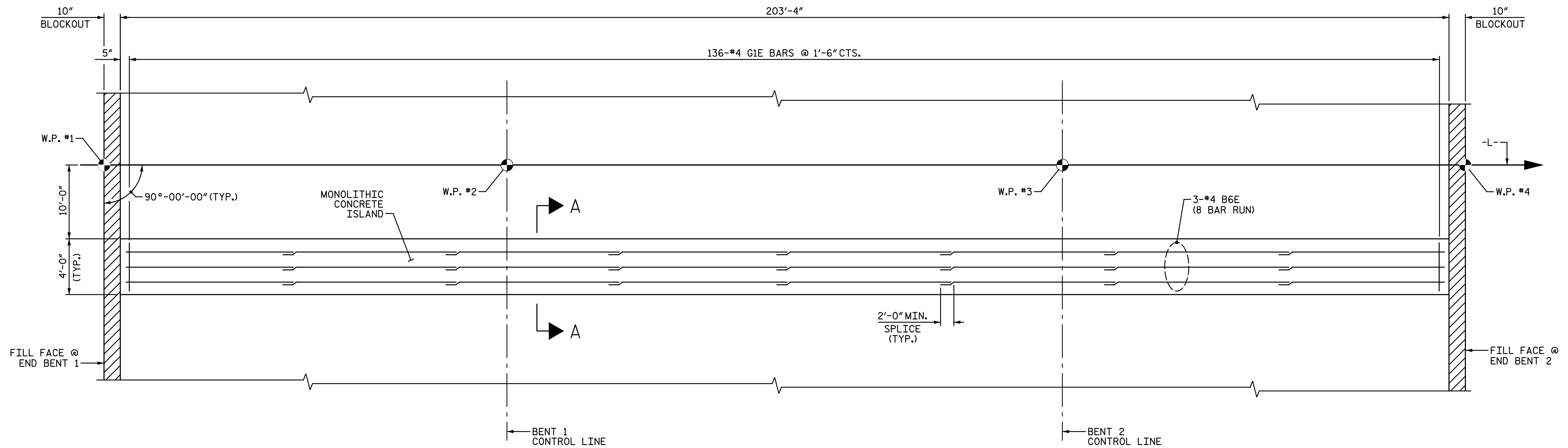
GROOVED CONTRACTION JOINTS, 1/2" IN DEPTH SHALL BE TOOLED IN ALL EXPOSED FACES OF THE MONOLITHIC ISLAND IN ACCORDANCE WITH ARTICLE 825-10 (B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINTS SHALL BE LOCATED AT A SPACING OF 8FT. TO 10FT. BETWEEN FILL FACE AT END BENT 1 TO FILL FACE AT END BENT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

ALL REINFORCING STEEL IN MONOLITHIC ISLAND SHALL BE EPOXY COATED.

THE MONOLITHIC 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.

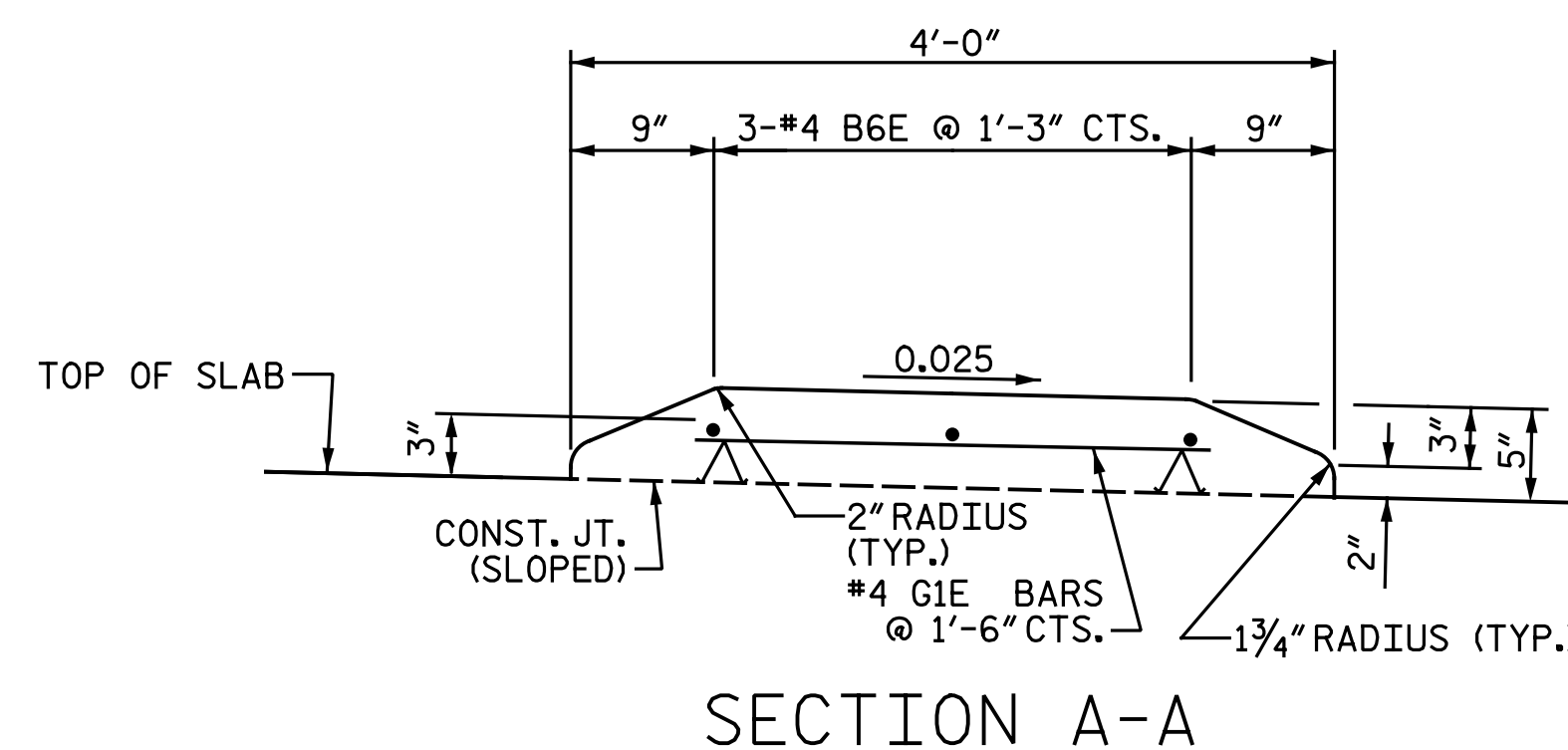
NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR MATERIALS OR LABOR REQUIRED TO CONSTRUCT THE MONOLITHIC ISLAND. THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR REINFORCED CONCRETE DECK SLAB.

FOR MONOLITHIC CONCRETE ISLAND ON APPROACH SLAB, SEE APPROACH SLAB DETAILS.



PLAN OF MONOLITHIC CONCRETE ISLAND

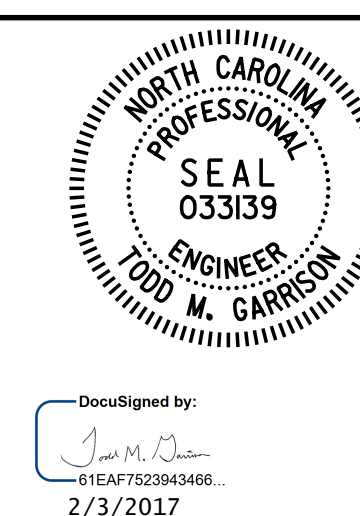
PROJECT NO. U-3330
NASH COUNTY
 STATION: 61+03.00 -L-



SECTION A-A

DRAWN BY : N. B. SPEAKS DATE : 9-23-16
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DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED



Michael Baker
 INTERNATIONAL

Michael Baker Engineering
 8000 Regency Parkway, Suite 600
 Cary, North Carolina 27518
 NC License No.: F-1084

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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S3-22
1			3			TOTAL SHEETS
2			4			42