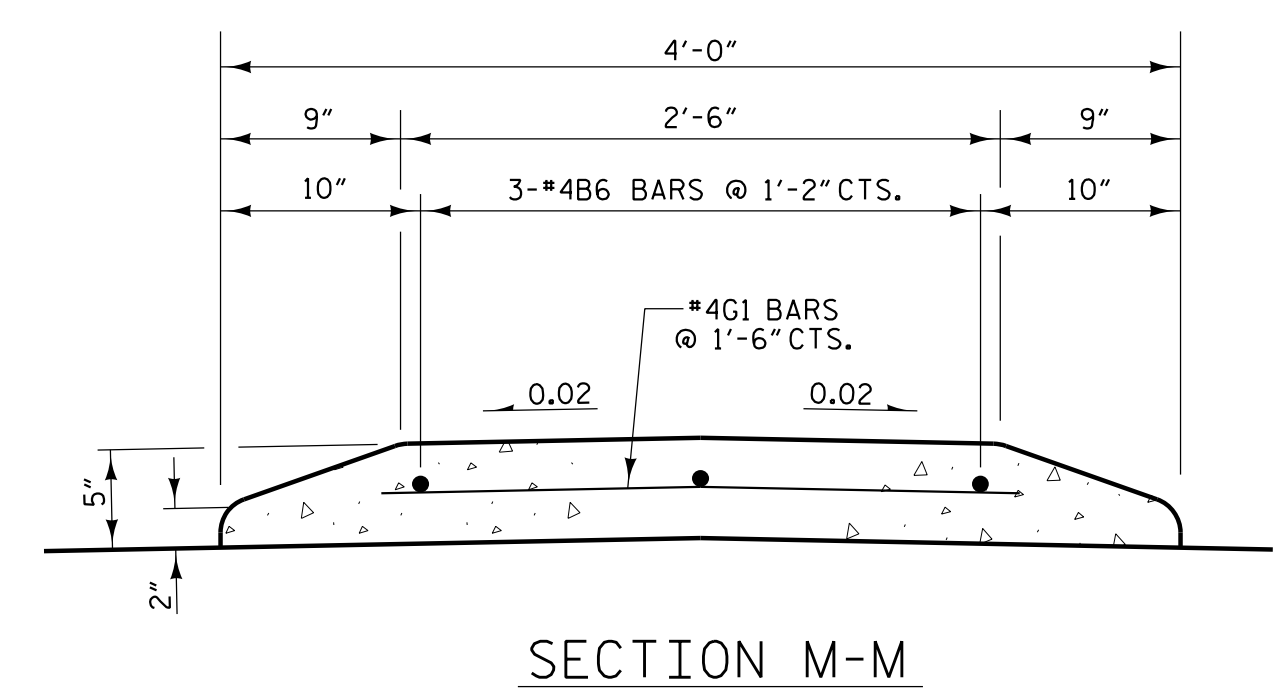


PLAN OF MONOLITHIC CONCRETE ISLAND



SECTION THRU MONOLITHIC CONCRETE ISLAND

BILL OF MATERIAL					
MONOLITHIC CONCRETE ISLAND					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B6	15	#4	STR	35'-0"	351
* G1	112	#4	STR	2'-8"	199
* EPOXY COATED REINF. STEEL					550 LBS.
CLASS AA CONCRETE					8.9 CU. YDS.

* INDICATES EPOXY COATED REINF. STEEL

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 FEET TO 10 FEET BETWEEN EXPANSION JOINTS. NO CONTRACTION JOINTS WILL BE REQUIRED FOR SEGMENTS LESS THAN 10 FEET IN LENGTH.

PAYMENT FOR THE MONOLITHIC CONCRETE ISLAND SHALL BE INCLUDED IN UNIT PRICE FOR "REINFORCED CONCRETE DECK SLAB"

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

THE MONOLITHIC CONCRETE ISLAND ON THE APPROACH SLAB IS INCLUDED IN THE APPROACH SLAB BILL OF MATERIAL AND PAID FOR AS PART OF THE APPROACH SLAB PAY ITEM.

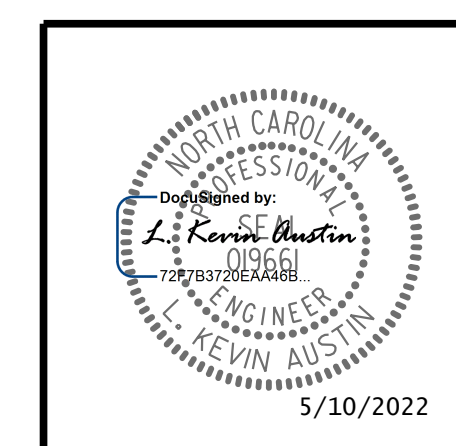
FOR DETAIL AT JOINT BETWEEN APPROACH SLAB AND DECK, SEE APPROACH SLAB SHEET.

MONOLITHIC CONCRETE ISLAND SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

PROJECT NO. I-5987A
ROBESON COUNTY
 STATION: 41+19.02 -Y1A- POT

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
**MONOLITHIC CONCRETE ISLAND
 PLAN AND DETAILS**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-11
1			3			TOTAL SHEETS
2			4			31



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

DRAWN BY : W. B. ALLEN DATE : 3/21
 CHECKED BY : G. F. WILSON DATE : 9/21
 DESIGN ENGINEER OF RECORD: L. K. AUSTIN DATE : 12/21

5/5/2022 11:58:40 AM R:\Structures\I-5987A (Y1A)\I-5987A.SMU.MD, 770054.dgn