

PLAN OF MONOLITHIC CONCRETE ISLAND

* RADIAL DIMENSIONS

NOTES:

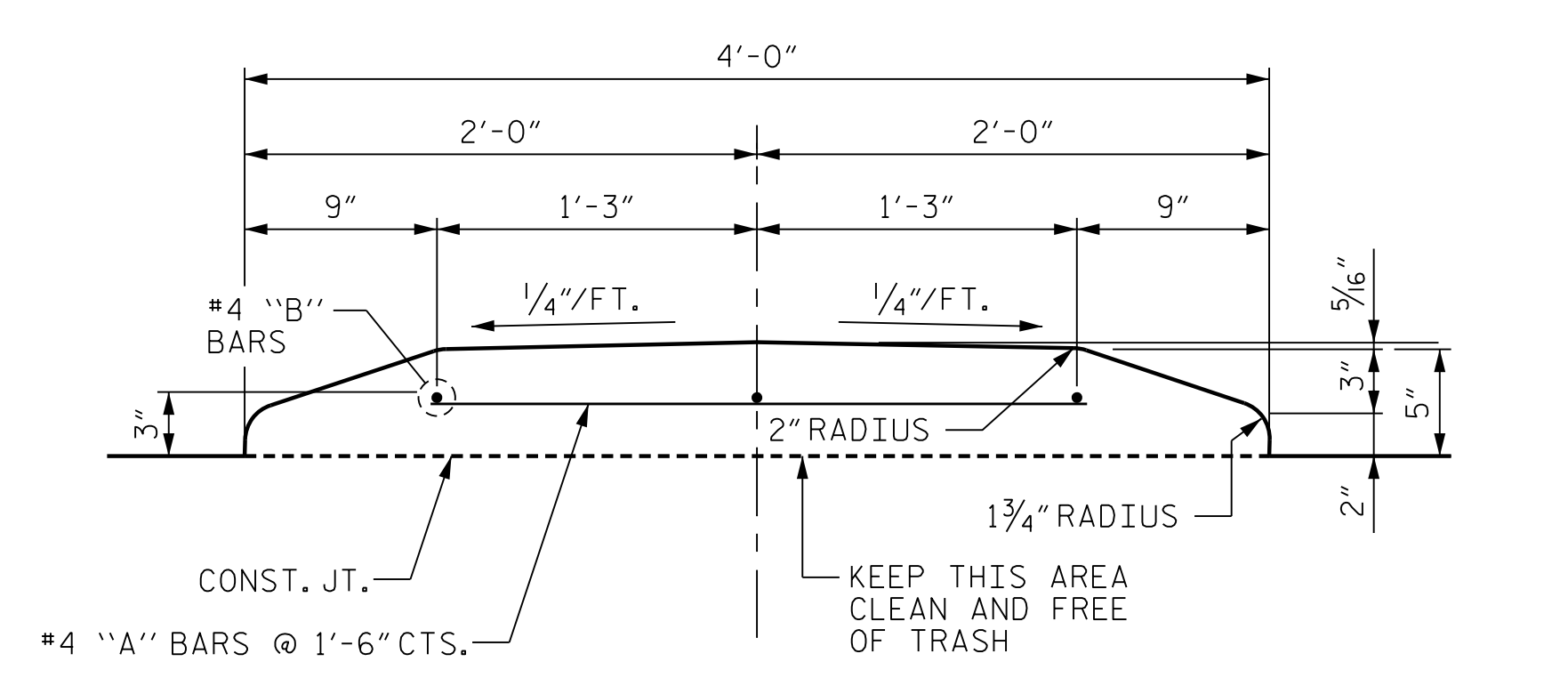
THE CONCRETE AND REINFORCING STEEL REQUIRED FOR THE CONCRETE ISLAND ON THE BRIDGE DECK IS INCLUDED IN THE SUPERSTRUCTURE BILL OF MATERIAL AND PAYMENT IS INCLUDED IN THE SQUARE FOOT PRICE BID FOR "REINFORCED CONCRETE DECK SLAB".

THE CONCRETE AND REINFORCING STEEL REQUIRED FOR THE CONCRETE ISLAND ON THE APPROACH SLABS IS INCLUDED IN THE APPROACH SLAB BILL OF MATERIAL AND PAYMENT IS INCLUDED IN PRICE BID FOR BRIDGE APPROACH SLABS AT STA. 26+65.52 -Y3-.

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

ALL REINFORCING STEEL IN CONCRETE ISLAND SHALL BE EPOXY COATED.

GROOVED CONTRACTION JOINTS, 1/2" IN DEPTH SHALL BE TOOLED IN ALL EXPOSED FACES OF THE 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 EXPANSION JOINTS. NO CONTRACTION JOINTS WILL BE REQUIRED FOR SEGMENTS LESS THAN 10 FT. IN LENGTH.



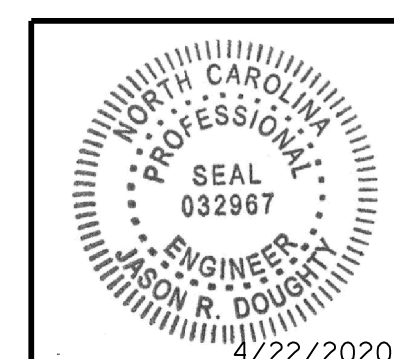
SECTION THRU MONOLITHIC CONCRETE ISLAND

PROJECT NO. R-2233BB
RUTHERFORD COUNTY
 STATION: 26+65.52 -Y3-

4/22/2020 404_024_R2233BB_SML_MID_800663.dgn

DESIGNED BY:	J. BORUTA	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

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



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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			45
2			4			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DocuSigned by:
Jason R Doughty
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STR. #4