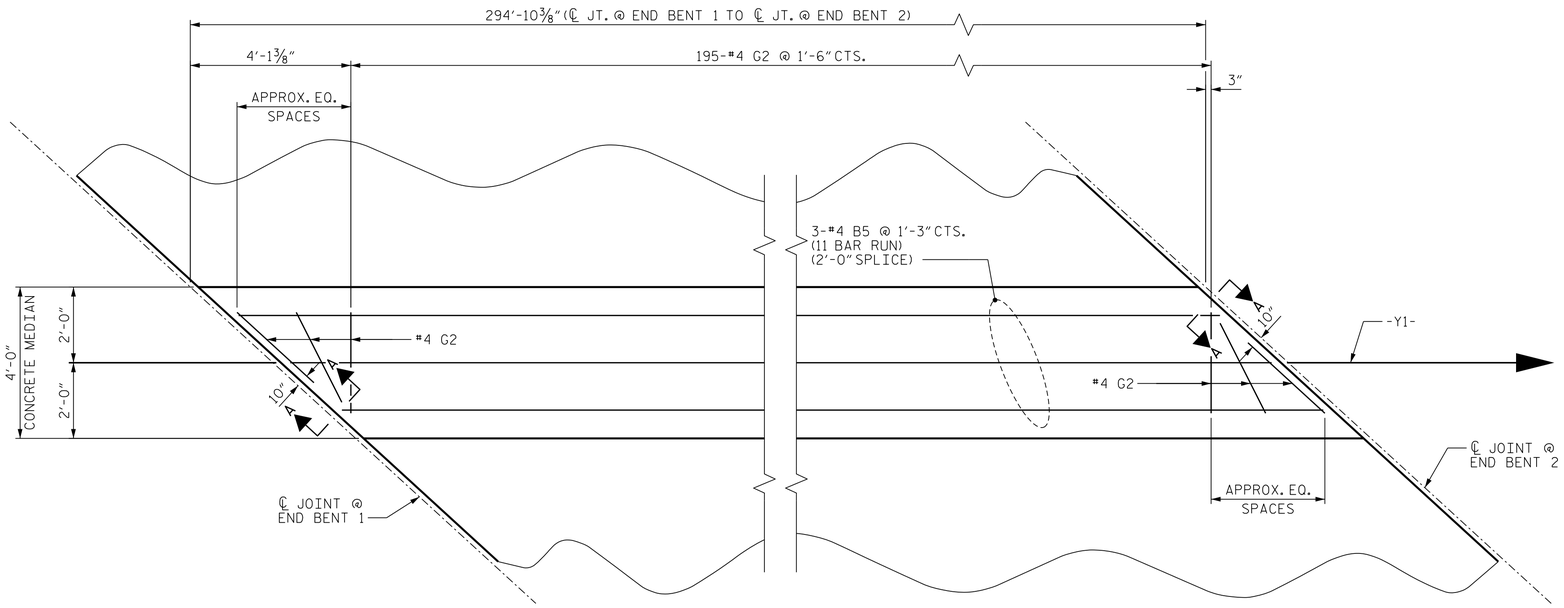
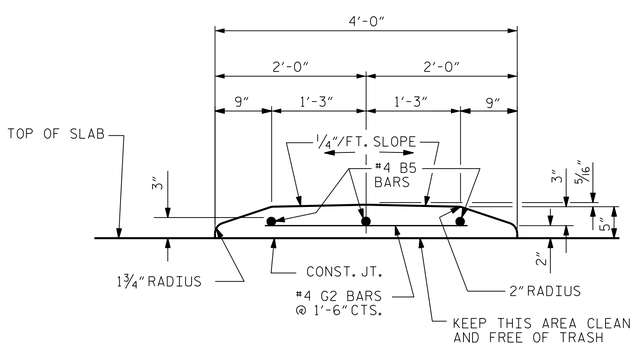
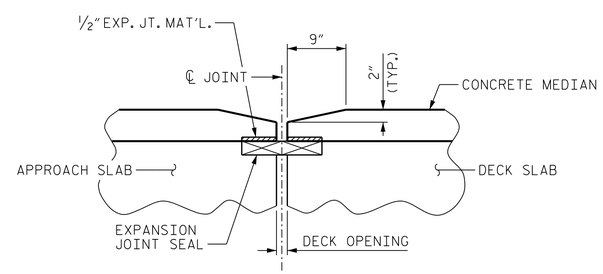


PLAN OF CONCRETE MEDIAN



SECTION THRU CONCRETE MEDIAN



SECTION A-A

NOTES

THE CONCRETE AND REINFORCING STEEL REQUIRED FOR THE CONCRETE MEDIAN ON THE BRIDGE DECK IS INCLUDED IN THE SQUARE FOOT PRICE BID FOR "REINFORCED CONCRETE DECK SLAB".

CONCRETE MEDIAN 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.

THE JOINT IN THE DECK AT THE END BENTS SHALL BE INSTALLED PRIOR TO CASTING OF THE CONCRETE MEDIAN. THE JOINT IN THE CONCRETE MEDIAN SHALL BE FORMED TO MATCH THE OPENING FOR THE EXPANSION JOINT SEALS.

ALL REINFORCING STEEL IN CONCRETE MEDIAN SHALL BE EPOXY COATED.

GROOVED CONTRACTION JOINTS, ½" IN DEPTH SHALL BE TOOLED IN ALL EXPOSED FACES OF THE CONCRETE MEDIAN 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 EXPANSIONS JOINTS. NO CONTRACTIONS JOINTS WILL BE REQUIRED FOR SEGMENTS LESS THAN 10 FT. IN LENGTH.

PROJECT NO. W-5107
JOHNSTON COUNTY
STATION: 33+45.98 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

CONCRETE MEDIAN DETAILS

NORTH CAROLINA PROFESSIONAL SEAL 027799 ENGINEER ALLYSON K. ORR
11/26/2014

MI ENGINEERING
1011 SCHAUB DRIVE, SUITE 100
RALEIGH, NC 27606
(919) 851-6606
FIRM PE NUMBER : P-0671

REVISIONS						
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

SHEET NO. S-21
TOTAL SHEETS 70

DRAWN BY :	J.S. ISRAELNAIM	DATE :	03/13
CHECKED BY :	A.K. ORR	DATE :	10/14
DESIGN ENGINEER OF RECORD :	A.K. ORR	DATE :	11/14

11/25/2014
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