NOTES

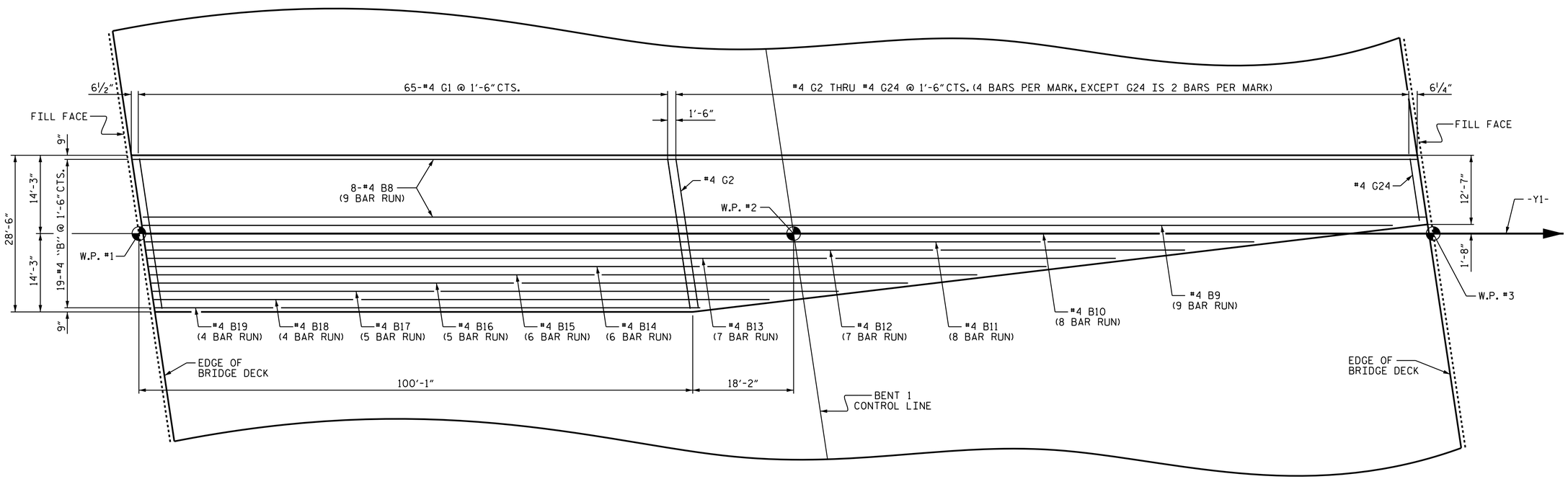
NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR MATERIALS OR LABOR TO CONSTRUCT THE MONOLITHIC CONCRETE ISLAND. THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE SQUARE FOOT PRICE BID FOR THE REINFORCED CONCRETE DECK SLAB.

FOR MONOLITHIC CONCRETE ISLAND ON APPROACH SLABS, SEE "BRIDGE APPROACH SLAB" SHEETS.

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

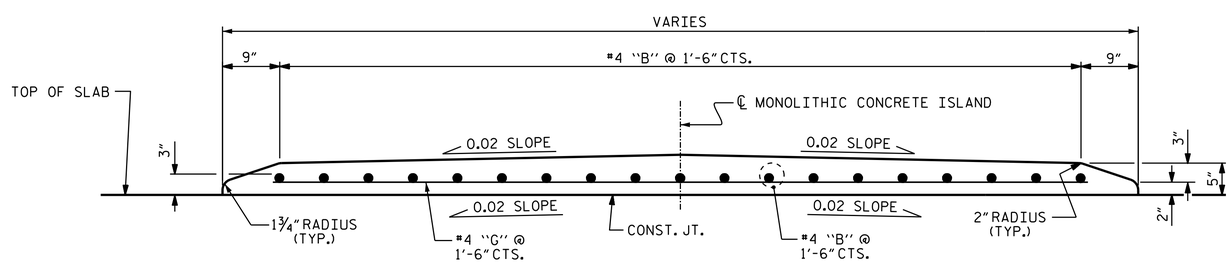
GROOVED CONTRACTION JOINTS, ½" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE MONOLITHIC CONCRETE ISLAND IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINTS SHALL BE LOCATED AT A SPACING OF 8 FT. TO 10 FT. BETWEEN EXPANSION JOINTS. NO CONCTRACTION JOINTS WILL BE REQUIRED FOR SEGMENTS LESS THAN 10 FT. IN LENGTH.

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 3,000 PSI.



PLAN OF MONOLITHIC CONCRETE ISLAND

2'-0" MIN. SPLICE FOR "B" BARS.



SECTION THRU MONOLITHIC CONCRETE ISLAND

PROJECT NO. U-2579B

FORSYTH COUNTY

STATION: 482+13.14 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

MONOLITHIC CONCRETE ISLAND

NORTH CAROLINA PROFESSIONAL SEAL 031480 ENGINEER DONALD R. SMITH, JR.

DocuSigned by: Donald R. Smith Jr.
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7/30/2014

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-12
1			3			TOTAL SHEETS
2			4			707

STR. #1

DRAWN BY : M.K. BEARD DATE : 2/26/14
CHECKED BY : P.S. ADKINS DATE : 3/10/14

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