

NOTES:

THE CONCRETE PARAPET IN EACH SPAN SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THAT SLAB HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

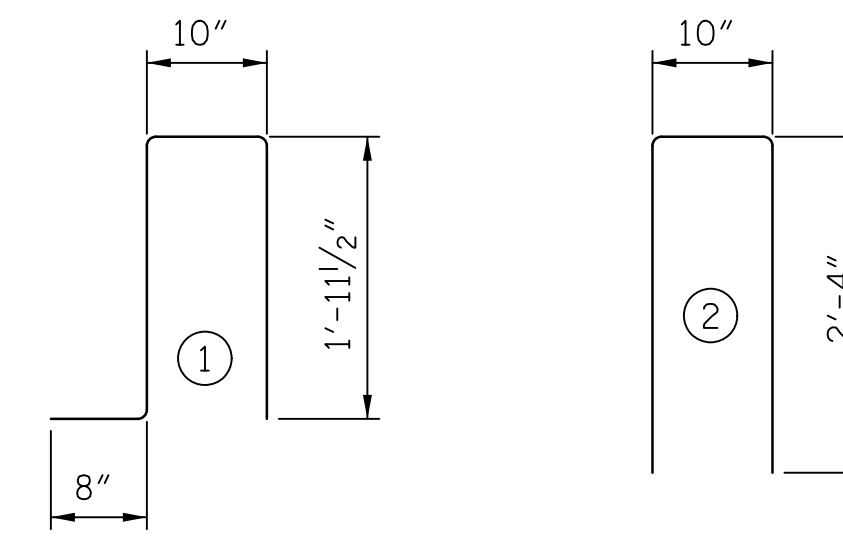
ALL REINFORCING STEEL IN PARAPET RAILS SHALL BE EPOXY COATED.

VERTICAL GROOVED CONTRACTION JOINTS 1/2" IN DEPTH SHALL BE TOOLED IN ALL EXPOSED FACES OF THE PARAPET RAIL AND IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS, THE CONTRACTION JOINT SHALL BE LOCATED AT EACH THIRD POINT BETWEEN PARAPET EXPANSION JOINTS. ONLY ONE CONTRACTION JOINT IS REQUIRED AT MIDPOINT OF PARAPET RAIL SEGMENTS LESS THAN 20 FEET IN LENGTH AND NO CONTRACTION JOINTS ARE REQUIRED FOR THOSE SEGMENTS LESS THAN 10 FEET IN LENGTH.

FOR PLAN AND DETAILS OF PARAPET AND END POSTS, SEE "CONCRETE PARAPET AND END POST DETAILS" SHEET.

FOR CONCRETE PARAPET AND END POST DETAILS ON APPROACH SLAB, SEE "BRIDGE APPROACH SLAB DETAILS" SHEET 2 OF 2.

BAR TYPES

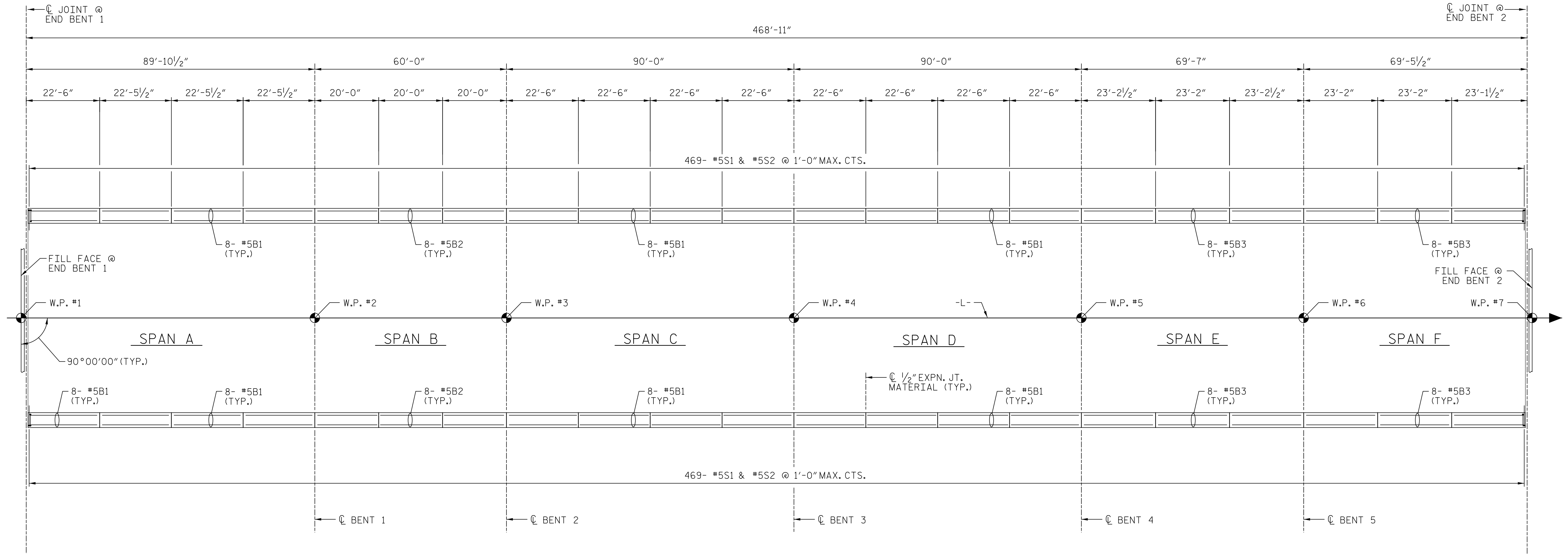


ALL BAR DIMENSIONS ARE OUT TO OUT.

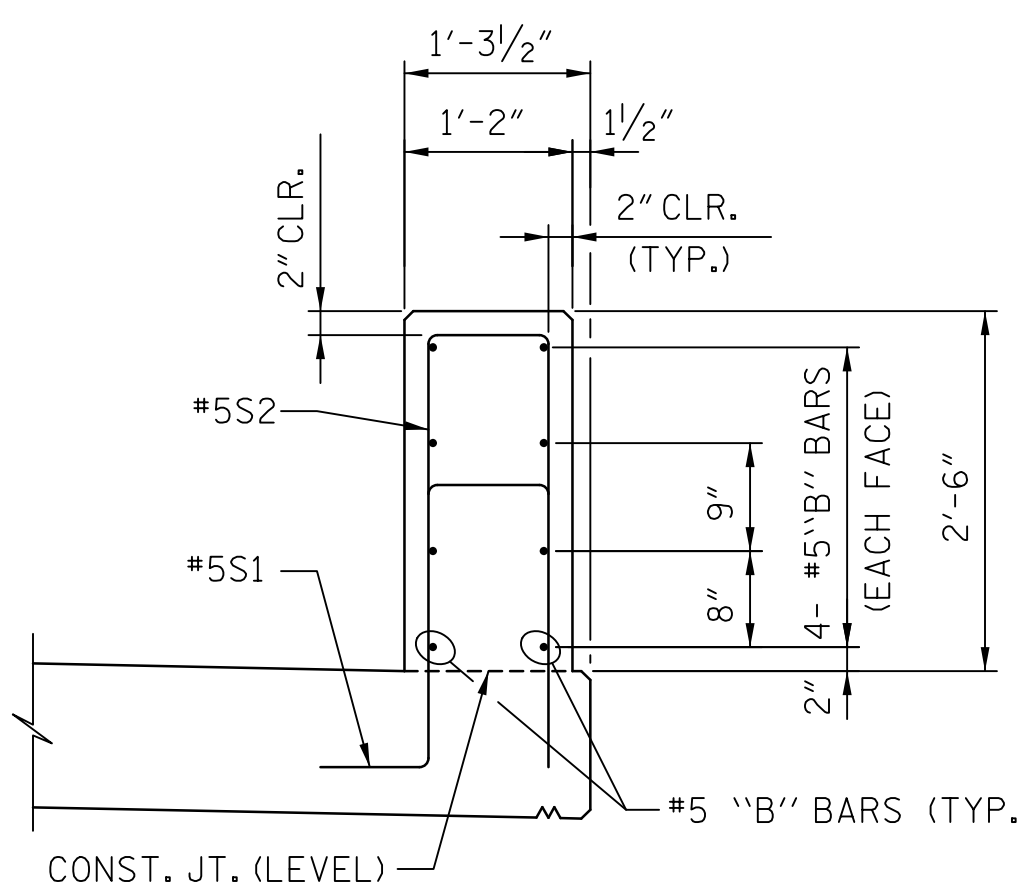
TWO BAR METAL RAIL

BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B1	192	#5	STR	22'-2"	4439
* B2	48	#5	STR	19'-8"	985
* B3	96	#5	STR	22'-10"	2286
* S1	938	#5	①	5'-5"	5299
* S2	938	#5	②	5'-6"	5381
* EPOXY COATED REINFORCING STEEL				LBS.	18390
CLASS AA CONCRETE				C.Y.	101.3
1'-2" x 2'-6" CONCRETE PARAPET				L.F.	937.8



PLAN OF PARAPET REINFORCING



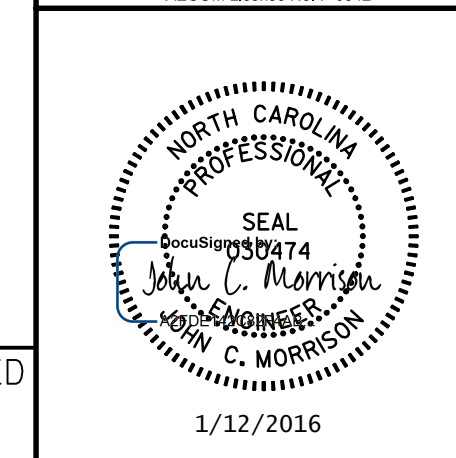
SECTION THRU PARAPET

PROJECT NO. U-2707
 FORSYTH COUNTY
 STATION: 90+25.00 -L-

BRIDGE NO. 656

DRAWN BY: KHC DATE: 11/2015
 CHECKED BY: JCM DATE: 11/2015

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**SUPERSTRUCTURE
 CONCRETE PARAPET RAIL**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-23
1			3			TOTAL SHEETS
2			4			86

DATE: 11/12/2015 TIME: 9:25:04 AM

USER: \\gis\compton DON: R:\Bridges\656\Coord\40_L045_U2707_SML_S23_CP.dgn