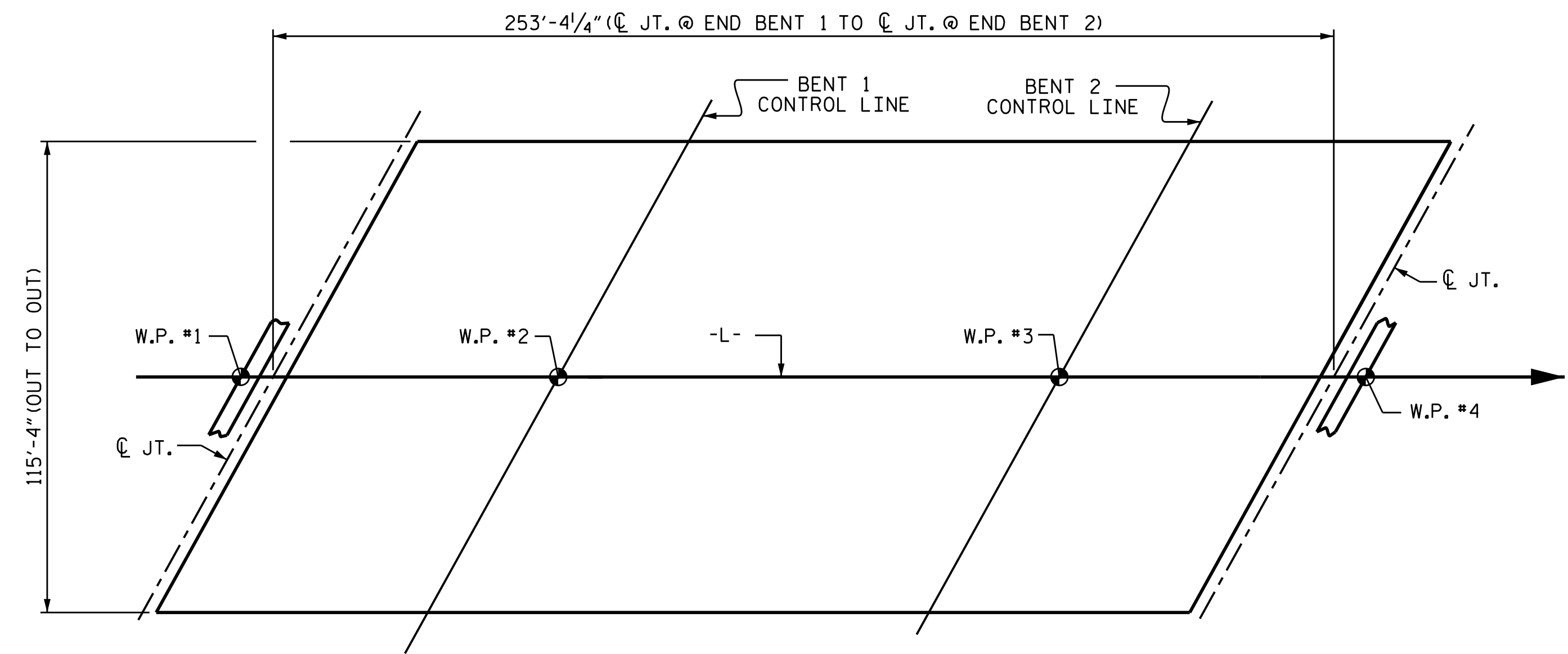


REINFORCING BAR SCHEDULE FOR STAGE IV					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B7	48	#4	STR	23'-1"	740
* B8	80	#4	STR	25'-11"	1385
* B9	48	#4	STR	22'-3"	713
* G7	167	#4	STR	21'-8"	2417
* EPOXY COATED REINFORCING STEEL				LBS.	5,255
CLASS AA CONCRETE				CU. YDS.	77.7

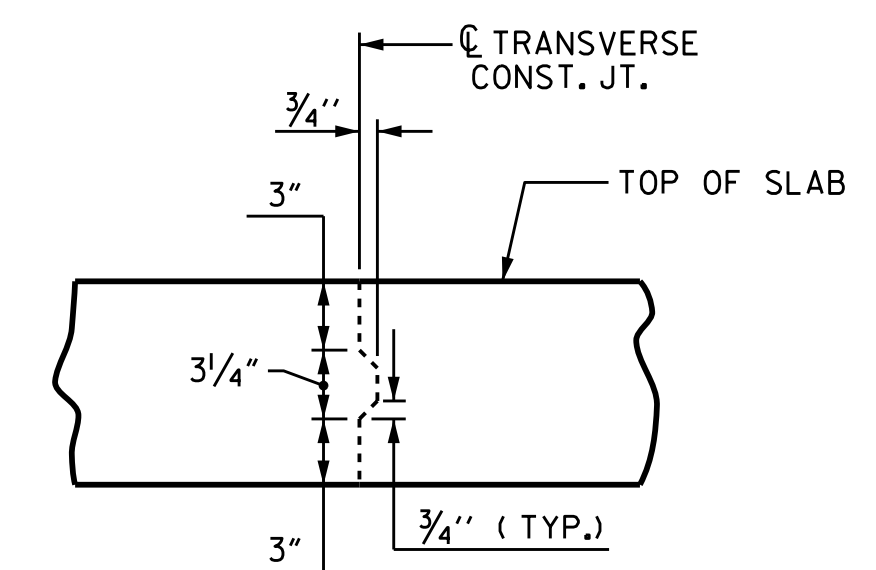


LAYOUT FOR COMPUTING AREA
REINFORCED CONCRETE DECK SLAB
 (STAGE I - SQ. FT. = 10,810)
 (STAGE II - SQ. FT. = 7,600)
 (STAGE III - SQ. FT. = 10,810)
 (TOTAL - SQ. FT. = 29,220)

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU. YDS.)	(LBS.)	(LBS.)
SPAN A	279.7	34,194	33,108
SPAN B	500.1	63,640	54,632
SPAN C	269.5	32,847	32,006
CONCRETE ISLAND	77.7		5,255
TOTALS **	1,127.00	130,681	125,001

** QUANTITIES FOR CLASSIC RAIL ARE NOT INCLUDED

GROOVING BRIDGE FLOORS	
	SQ.FT.
APPROACH SLABS	4,681
BRIDGE DECK	
SPAN A	6,465
SPAN B	12,021
SPAN C	6,215
TOTAL	29,382



TRANSVERSE CONSTRUCTION JOINT DETAIL

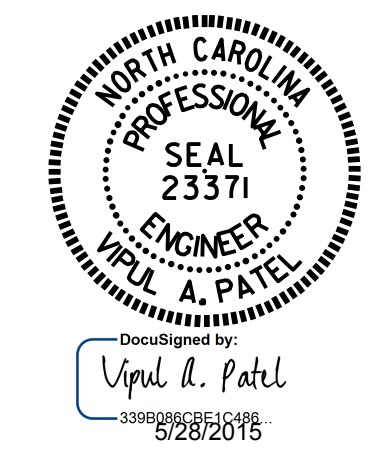
NOTE: REINFORCING STEEL IN SLAB NOT SHOWN. LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THROUGH JOINT.

BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	2'-0"	1'-9"	2'-0"	1'-9"	2'-9"
#5	2'-6"	2'-2"	2'-6"	2'-2"	3'-5"
#6	3'-0"	2'-7"	3'-10"	2'-7"	4'-4"
#7	5'-3"	3'-6"			
#8	6'-10"	4'-7"			

SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

PROJECT NO. B-5136
CABARRUS COUNTY
 STATION: 21+74.92 -L-

SHEET 4 OF 4



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**SUPERSTRUCTURE
 BILL OF MATERIAL**

STAGE IV

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S-49
2			4			TOTAL SHEETS 75

DRAWN BY : T. H. CARROLL DATE : 7/14/14
 CHECKED BY : K. D. LAYNE DATE : 11/25/14
 DESIGN ENGINEER OF RECORD: V. A. PATEL DATE : 1/5/15