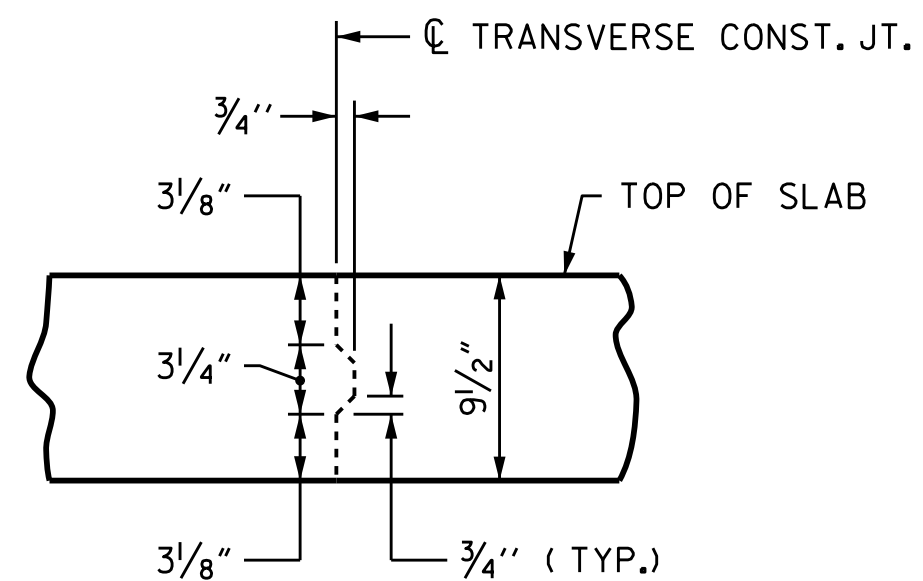


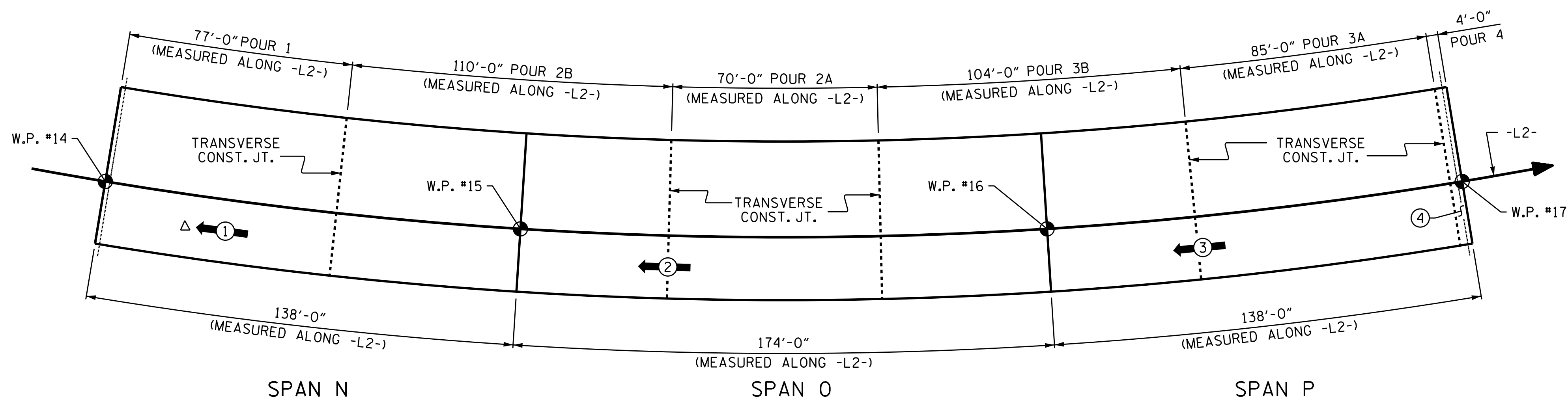
SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

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"			



TRANSVERSE CONSTRUCTION JOINT DETAIL

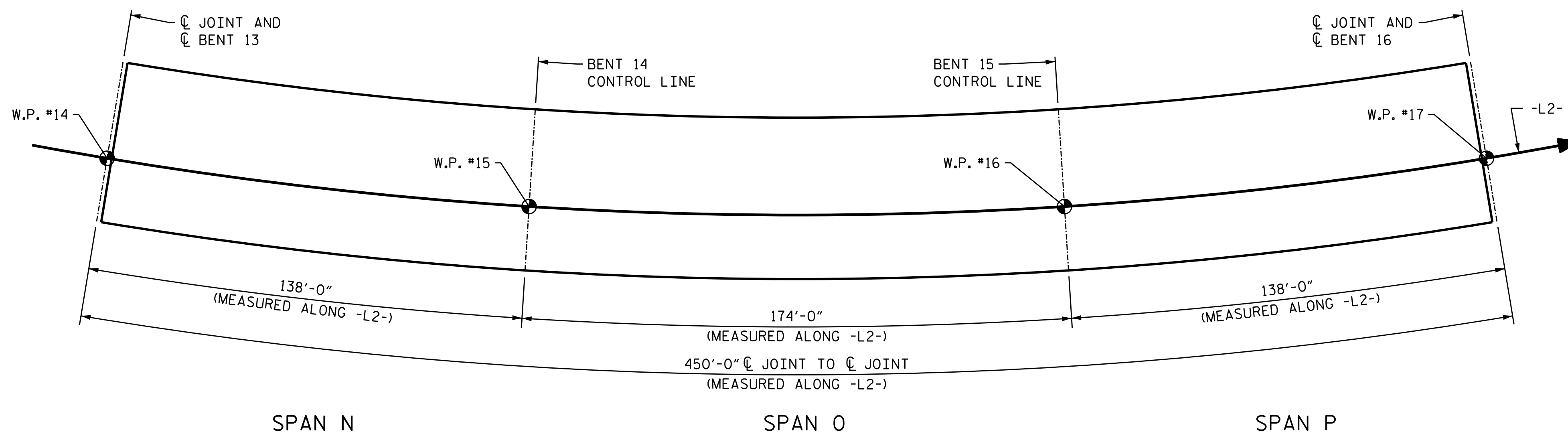
NOTE: REINFORCING STEEL IN SLAB NOT SHOWN. LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT



POURING SEQUENCE

INDICATES THE NUMBER AND DIRECTION OF POUR

SPANS "N", "O" AND "P" SHOWN, SPANS "Q", "R", "S" AND "T", "U", "V" SIMILAR



LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 23,495 SF)

SPANS "N", "O" AND "P" SHOWN, SPANS "Q", "R", "S" AND "T", "U", "V" SIMILAR

DRAWN BY: K. WHITE DATE: FEB 2016
 CHECKED BY: T.H. CARROLL DATE: MAR 2016
 DESIGN ENGINEER OF RECORD: T.H. CARROLL DATE: MAY 2016

01-JUN-2016 11:54 R:\Structures\Plans\Final Plans\DGN\STR\401.093.B4929.SMU.BOM.dgn

BAR TYPES				BILL OF MATERIAL	
SPANS "N", "O" AND "P"					
BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
* A1	1992	5	STR	52'-1"	108211
* B1	288	4	STR	24'-3"	4665
* B2	560	5	STR	59'-3"	34607
* B3	278	5	STR	44'-6"	12903
* B4	278	5	STR	60'-0"	17397
* B5	108	4	STR	27'-7"	1990
* G1	2	5	STR	52'-1"	109
* J1	102	4	1	1'-5"	97
* K1	12	5	2	7'-10"	98
* K2	18	5	3	8'-8"	163
* K3	24	5	STR	9'-3"	232
* S1	80	4	4	4'-0"	214
* EPOXY COATED REINFORCING STEEL				(LBS.)	180,472
CLASS AA CONCRETE				(CU. YDS.)	
POUR 1					140.5
POUR 2A					125.6
POUR 2B					197.3
POUR 3A					152.5
POUR 3B					186.6
POUR 4					8.5
TOTALS**					811.0

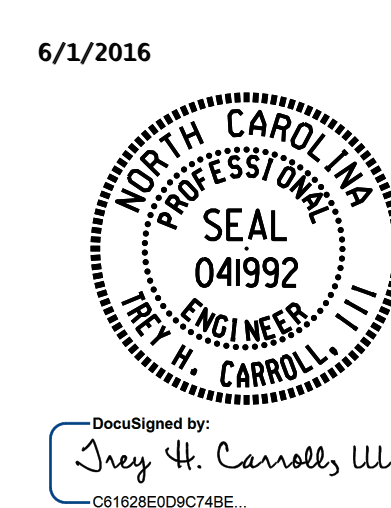
GROOVING BRIDGE FLOORS	
APPROACH SLABS	- SQ.FT.
BRIDGE DECK	19,238 SQ.FT.
TOTAL	19,238 SQ.FT.

** QUANTITIES FOR BARRIER RAIL AND PARAPET ARE NOT INCLUDED.

QUANTITIES FOR SPANS "N", "O" AND "P" SHOWN, SPANS "Q", "R", "S" AND "T", "U", "V" SIMILAR

NOTES:
 TRANSVERSE CONSTRUCTION JOINTS ARE TO BE PLACED RADIALLY ALONG -L2-.
 IF THE CONTRACTOR CHOOSES TO REVERSE THE DIRECTION OF POUR #1, A CONSTRUCTION JOINT WILL BE REQUIRED 4'-0" FROM THE JOINT SEAL.

PROJECT NO. B-4929
PENDER COUNTY
 STATION: 38+13.81 -L2-
 STEEL ALTERNATE



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
BILL OF MATERIAL

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

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SHEET NO. **S-258**
 TOTAL SHEETS 278