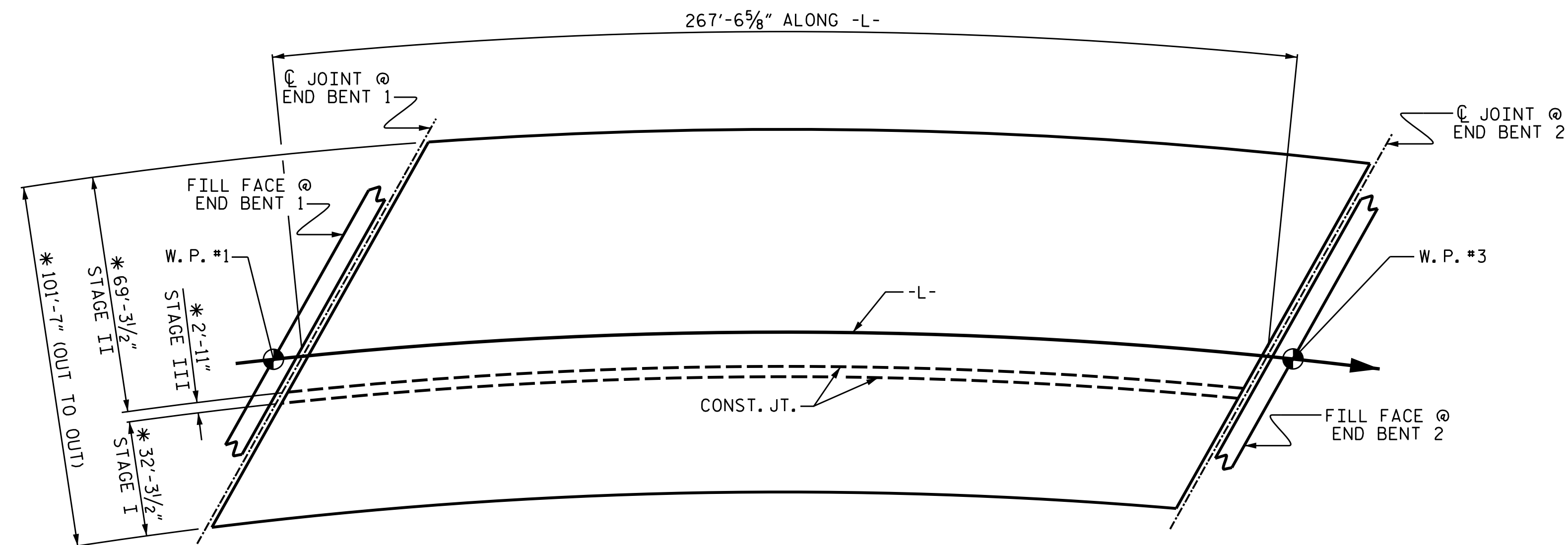


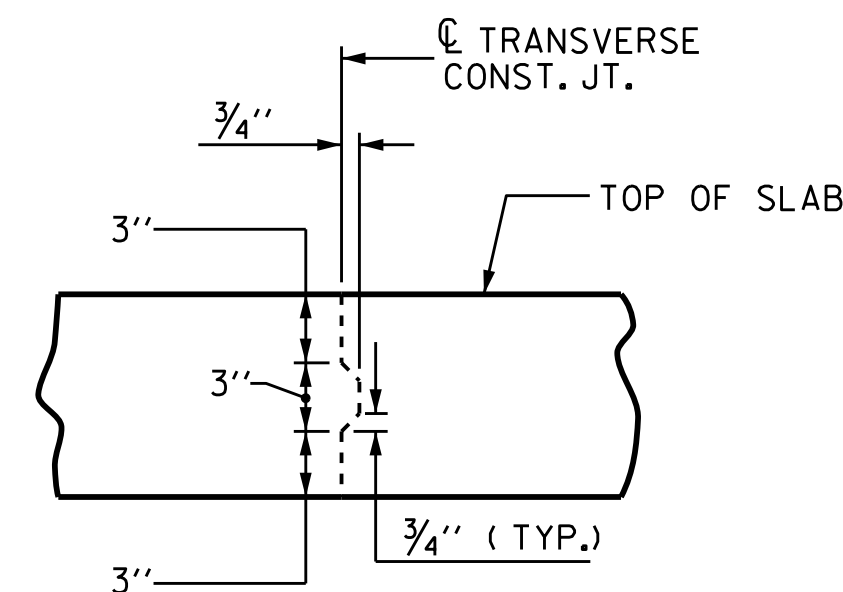
**DECK POUR DETAIL**

ALL DIMENSIONS SHOWN ARE ALONG -L-



\* RADIAL DIMENSION (STAGE I = 8,702 SQ. FT.) (STAGE II & III = 17,664 SQ. FT.)

**LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB**  
(SQ. FT. = 26,366)



**TRANSVERSE CONSTRUCTION JOINT DETAIL**

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

POUR SEQUENCE BREAKDOWN			
	CLASS AA CONCRETE		
	STAGE I (CU.YDS.)	STAGE II (CU.YDS.)	STAGE III (CU.YDS.)
POUR #1	68.7	137.1	28.9
POUR #2	208.3	116.0	-
POUR #3	9.9	299.6	-
POUR #4	-	19.9	-
TOTALS**	286.9	572.6	28.9

\*\* QUANTITIES FOR CONCRETE PARAPET ARE NOT INCLUDED

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU.YDS.)	(LBS.)	(LBS.)
STAGE I	286.9	29,140	35,206
STAGE II	572.6	61,846	68,751
STAGE III	28.9	1,456	1,145
TOTALS**	888.4	92,442	105,102

\*\* QUANTITIES FOR CONCRETE PARAPET ARE NOT INCLUDED

GROOVING BRIDGE FLOORS	
APPROACH SLABS STAGE I	2,329 SQ. FT.
APPROACH SLABS STAGE II	2,311 SQ. FT.
TOTAL	4,640 SQ. FT.
BRIDGE DECK STAGE I	7,878 SQ. FT.
BRIDGE DECK STAGE II & III	16,832 SQ. FT.
TOTAL	24,710 SQ. FT.

PROJECT NO. R-2566BA  
WATAUGA COUNTY  
STATION: 164+30.00 -L-

SHEET 2 OF 2

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

**SUPERSTRUCTURE BILL OF MATERIAL**

ENGINEER  
MARSHALL G. CHEEK, JR.  
9/30/2021 | 1:43 PM EDT

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS  
706 HILLSBOROUGH STREET  
SUITE 200  
RALEIGH, NC 27603  
PH (919) 773-8887  
CORP. LICENSE NO.: C-0275

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-50
1			3			TOTAL SHEETS
2			4			79

DRAWN BY: S. B. WILLIAMS DATE: 3-19  
CHECKED BY: MGC DATE: 5-19  
DESIGN ENGINEER OF RECORD: MGC DATE: 8-21