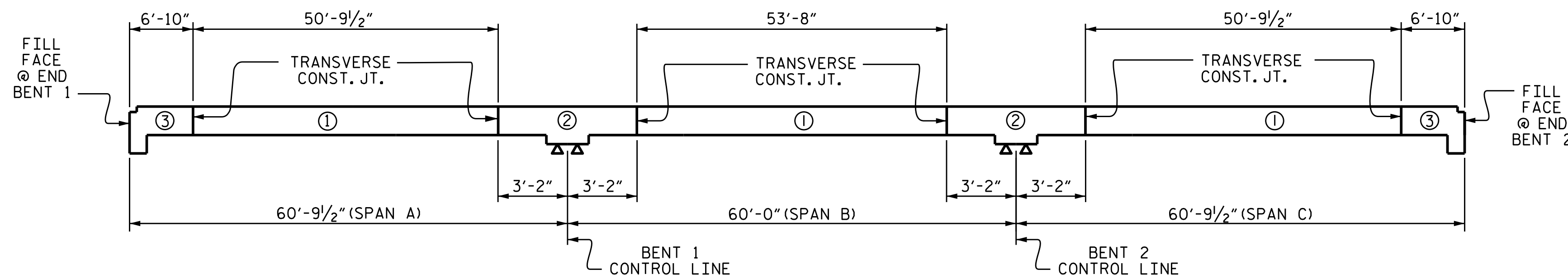


LAYOUT FOR COMPUTING AREA
REINFORCED CONCRETE DECK SLAB
(SQ. FT. = 7,853)



POUR SEQUENCE

POUR ② OR ③ CAN NOT BE STARTED UNTIL ADJACENT ① POURS REACH A MINIMUM OF 3000 PSI.

BAR TYPES		REINFORCING BAR SCHEDULE				
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT		
* A1	360	#5	STR	42'-11"	16114	
A2	360	#5	STR	42'-11"	16114	
* B1	226	#5	STR	12'-3"	2888	
* B2	116	#4	STR	22'-3"	1724	
* B3	226	#5	STR	18'-4"	4321	
* B4	58	#4	STR	23'-10"	923	
B5	200	#5	STR	46'-7"	9717	
* B6	8	#5	STR	47'-3"	394	
K1	20	#4	STR	22'-4"	298	
K2	8	#4	STR	7'-7"	41	
K3	8	#4	STR	7'-1"	38	
K4	24	#4	STR	8'-4"	134	
K5	4	#4	STR	2'-1"	6	
K6	4	#4	STR	1'-10"	5	
K7	12	#4	STR	2'-3"	18	
* S1	76	#4	1	11'-11"	605	
* S2	68	#4	1	9'-11"	450	
S3	76	#4	2	9'-7"	486	
REINFORCING STEEL				LBS.	26,857	
* EPOXY COATED REINFORCING STEEL				LBS.	27,419	

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU. YDS.)	(LBS.)	(LBS.)
POUR #1	212.2		
POUR #2	17.3	26,857	27,419
POUR #3	53.9		
TOTALS**	283.4	26,857	27,419

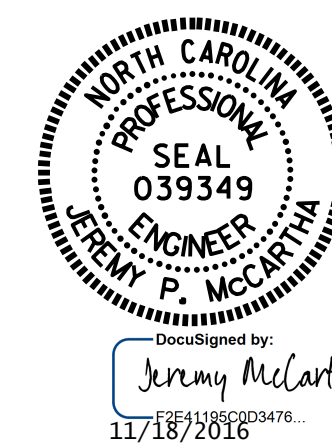
**QUANTITIES FOR CONCRETE BARRIER RAILS ARE NOT INCLUDED.

GROOVING BRIDGE FLOORS	
APPROACH SLABS	1,788 SQ.FT.
BRIDGE DECK	6,645 SQ.FT.
TOTAL	8,433 SQ.FT.

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"			

PROJECT NO. B-5548
CABARRUS COUNTY
STATION: 29+55.00 -L-



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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-20
1			3			TOTAL SHEETS 30
2			4			

DRAWN BY : N.D. AIUTO DATE: 12/16/15
CHECKED BY : J. P. MCCARTHA DATE: 6/10/16
DESIGN ENGINEER OF RECORD : N.D. AIUTO DATE: 3/1/16

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED