

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"			

— SUPERSTRUCTURE BILL OF MATERIAL —

SPANS	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU. YDS.)	(LBS.)	(LBS.)
"A", "B" AND "C"		66,891	64,563
POUR 1	89.2		
POUR 2	242.3		
POUR 3	238.1		
POUR 4	9.7		
**TOTALS	579.3	66,891	64,563

**QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED.

GROOVING BRIDGE FLOORS

APPROACH SLABS	1,003	SO.FT.
BRIDGE DECK	16,123	SO.FT.
TOTAL	17,126	SO.FT.

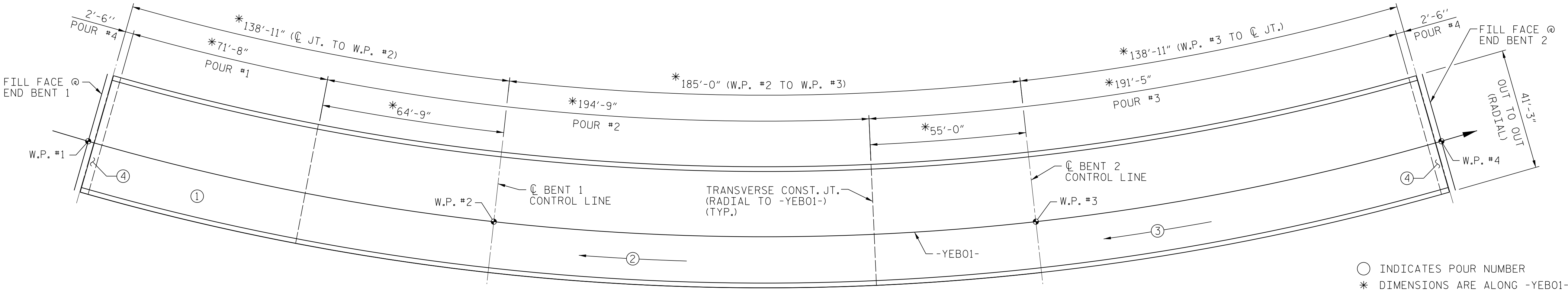
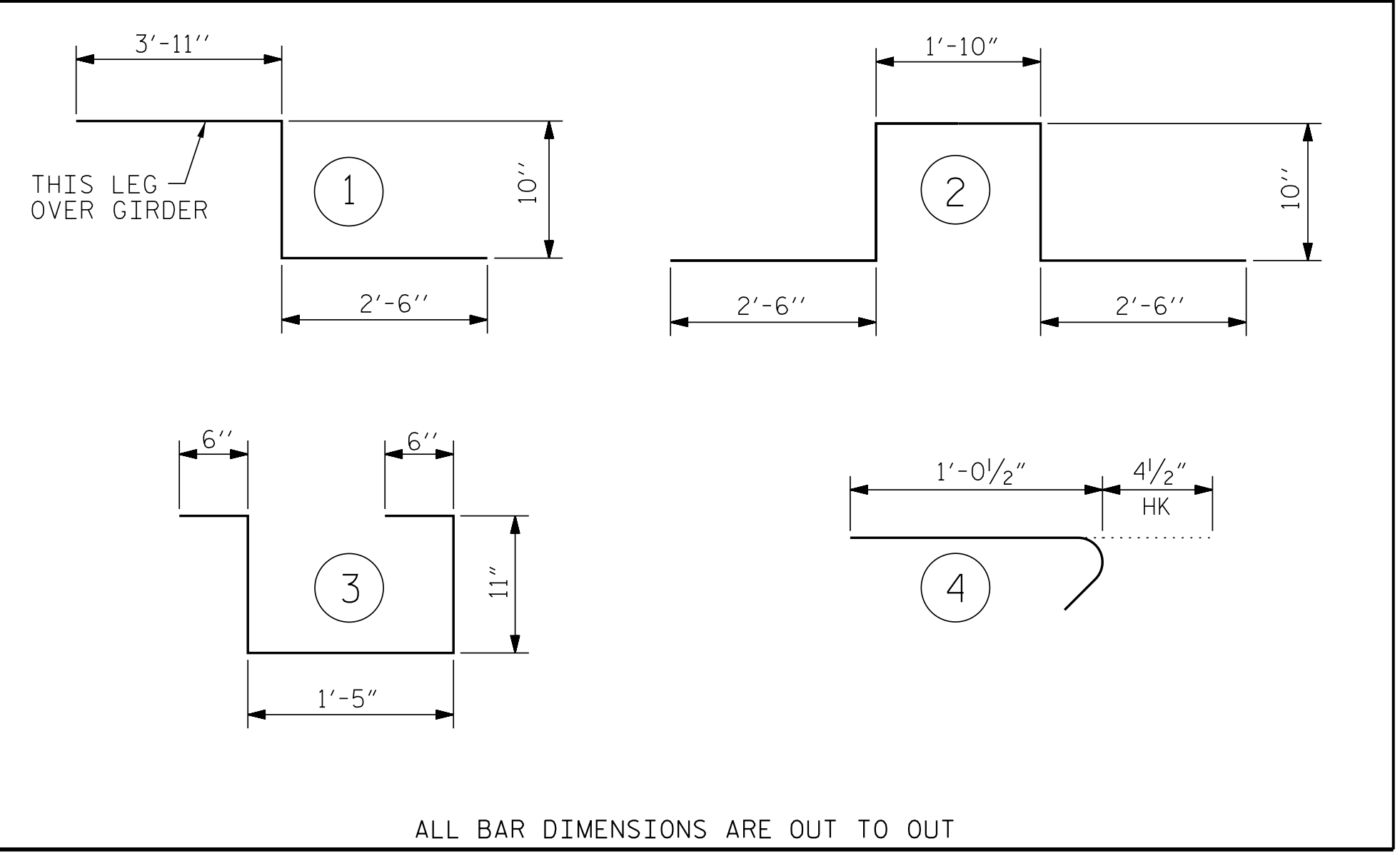
⊗ QUANTITY IS FOR BOTH APPROACH SLABS

REINFORCING BAR SCHEDULE

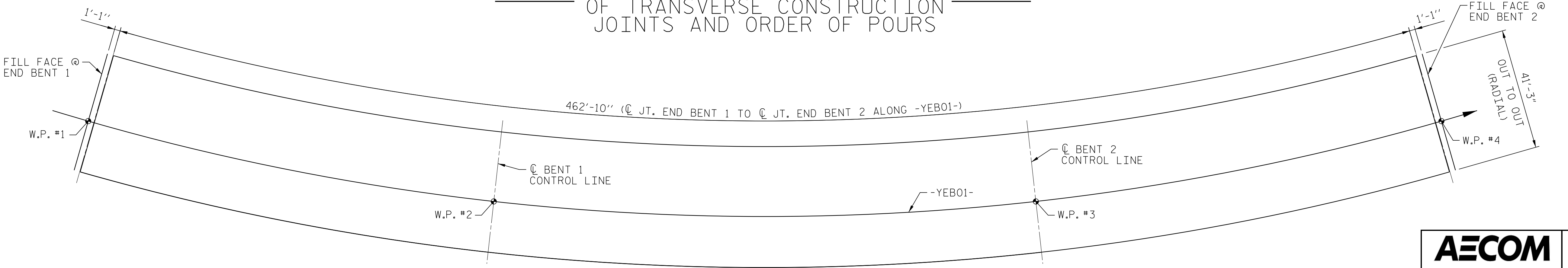
SPANS "A", "B" AND "C"					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	945	#5	STR	40'-11"	40,329
A2	945	#5	STR	40'-11"	40,329
B1E	224	#4	STR	25'-3"	3,778
B2	468	#5	STR	54'-5"	26,562
B3E	56	#7	STR	60'-0"	6,868
B4E	54	#7	STR	50'-0"	5,519
B5E	56	#7	STR	53'-0"	6,067
B6E	84	#4	STR	25'-0"	1,403
G1E	2	#5	STR	40'-11"	85
J1E	76	#4	(4)	1'-5"	72
K1E	8	#5	(1)	7'-3"	60
K2E	12	#5	(2)	8'-6"	106
K3E	16	#5	STR	7'-0"	117
S1E	56	#4	(3)	4'-3"	159
REINFORCING STEEL					66,891
EPOXY COATED REINFORCING STEEL					64,563

"E" DENOTES EPOXY COATED REINFORCING STEEL.

BAR TYPES



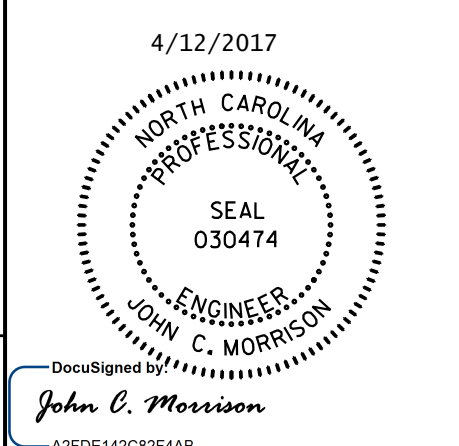
SKETCH SHOWING LOCATION OF TRANSVERSE CONSTRUCTION JOINTS AND ORDER OF POURS



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. FT. = 19,091)

NOTE:
NO DECK POUR SHALL BE PLACED WHERE A POUR IN AN ADJACENT SPAN IS NOT OBTAINED A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

PROJECT NO. R-5516
CRAVEN COUNTY
STATION: 32+25.84 -YEB01-
75+13.29 -L-



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

REVISIONS						SHEET NO. S-33
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 51
2			4			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DRAWN BY : SGS DATE : 09/15
CHECKED BY : NKB DATE : 10/15
DESIGN E.O.R. : JCM DATE : 02/16

DATE: 4/7/2017 TIME: 3:55:30 PM
USER: jcm15030
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