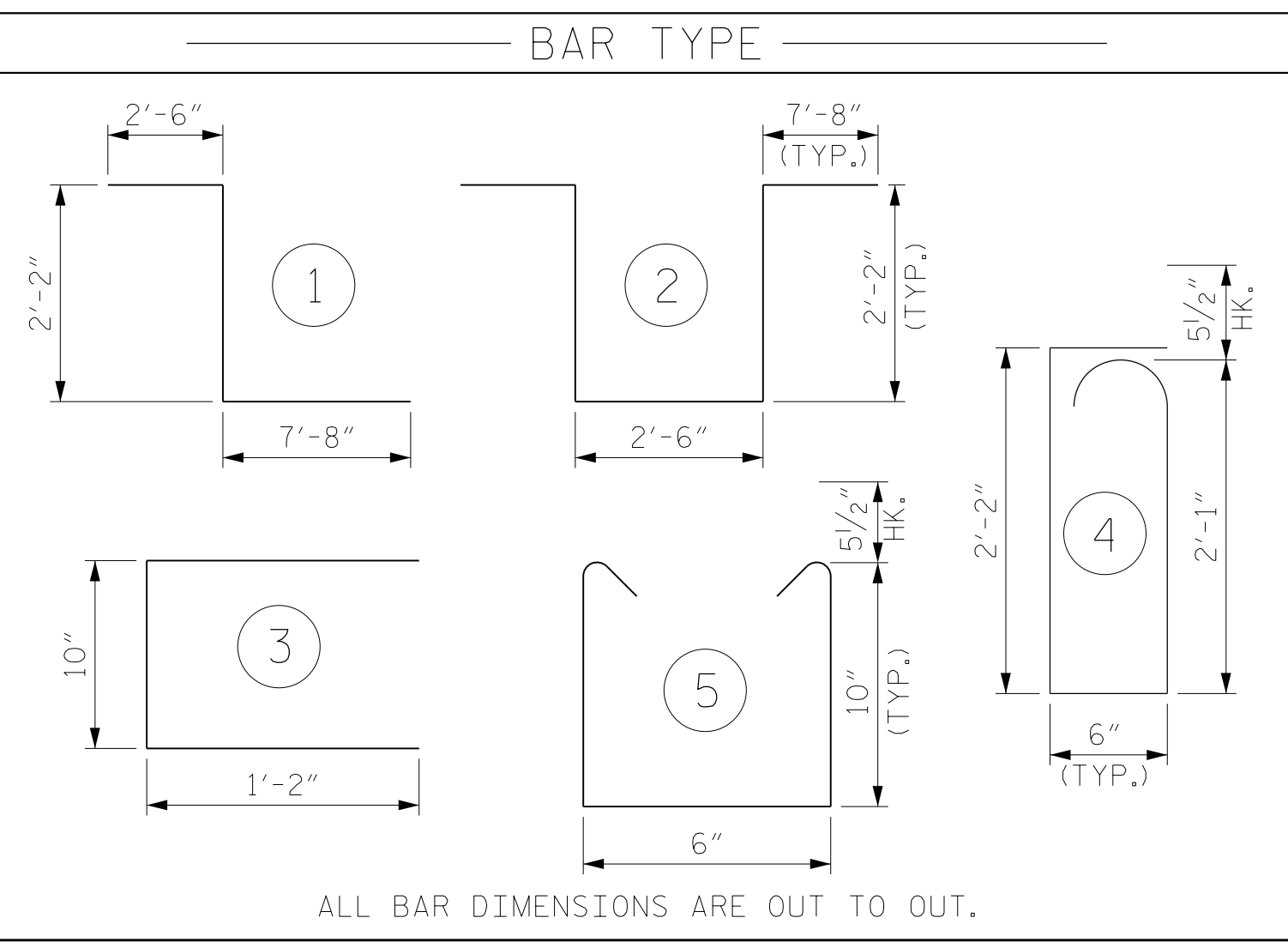


LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB  
( SQ. FT. = 18,804 )

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	1'-11"	1'-7"	1'-11"	1'-7"	2'-6"
#5	2'-5"	2'-0"	2'-5"	2'-0"	3'-1"
#6	2'-10"	2'-5"	3'-7"	2'-5"	3'-8"
#7	4'-2"	2'-9"			
#8	4'-9"	3'-2"			



ALL BAR DIMENSIONS ARE OUT TO OUT.

REINFORCING BAR SCHEDULE

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A101	4	#5	STR.	3'-0"	13	A201	4	#5	STR.	3'-0"	13
* A102	4	#5	STR.	5'-4"	23	A202	4	#5	STR.	5'-4"	23
* A103	4	#5	STR.	7'-9"	32	A203	4	#5	STR.	7'-9"	32
* A104	4	#5	STR.	10'-1"	42	A204	4	#5	STR.	10'-1"	42
* A105	4	#5	STR.	12'-6"	52	A205	4	#5	STR.	12'-6"	52
* A106	4	#5	STR.	14'-10"	62	A206	4	#5	STR.	14'-10"	62
* A107	4	#5	STR.	17'-2"	72	A207	4	#5	STR.	17'-2"	72
* A108	4	#5	STR.	19'-7"	82	A208	4	#5	STR.	19'-7"	82
* A109	4	#5	STR.	21'-11"	92	A209	4	#5	STR.	21'-11"	92
* A110	4	#5	STR.	24'-3"	101	A210	4	#5	STR.	24'-3"	101
* A111	4	#5	STR.	26'-8"	111	A211	4	#5	STR.	26'-8"	111
* A112	4	#5	STR.	29'-0"	121	A212	4	#5	STR.	29'-0"	121
* A113	4	#5	STR.	31'-5"	131	A213	4	#5	STR.	31'-5"	131
* A114	4	#5	STR.	33'-9"	141	A214	4	#5	STR.	33'-9"	141
* A115	4	#5	STR.	36'-1"	151	A215	4	#5	STR.	36'-1"	151
* A116	4	#5	STR.	38'-6"	161	A216	4	#5	STR.	38'-6"	161
* A117	4	#5	STR.	40'-10"	171	A217	4	#5	STR.	40'-10"	171
* A118	4	#5	STR.	43'-2"	180	A218	4	#5	STR.	43'-2"	180
* A119	4	#5	STR.	45'-7"	190	A219	4	#5	STR.	45'-7"	190
* A120	4	#5	STR.	47'-11"	200	A220	4	#5	STR.	47'-11"	200
* A121	4	#5	STR.	50'-4"	210	A221	4	#5	STR.	50'-4"	210
* A122	4	#5	STR.	52'-8"	220	A222	4	#5	STR.	52'-8"	220
* A123	4	#5	STR.	55'-0"	230	A223	4	#5	STR.	55'-0"	230
* A124	4	#5	STR.	57'-5"	240	A224	4	#5	STR.	57'-5"	240
* A125	652	#5	STR.	59'-2"	40236	A225	652	#5	STR.	59'-0"	40122

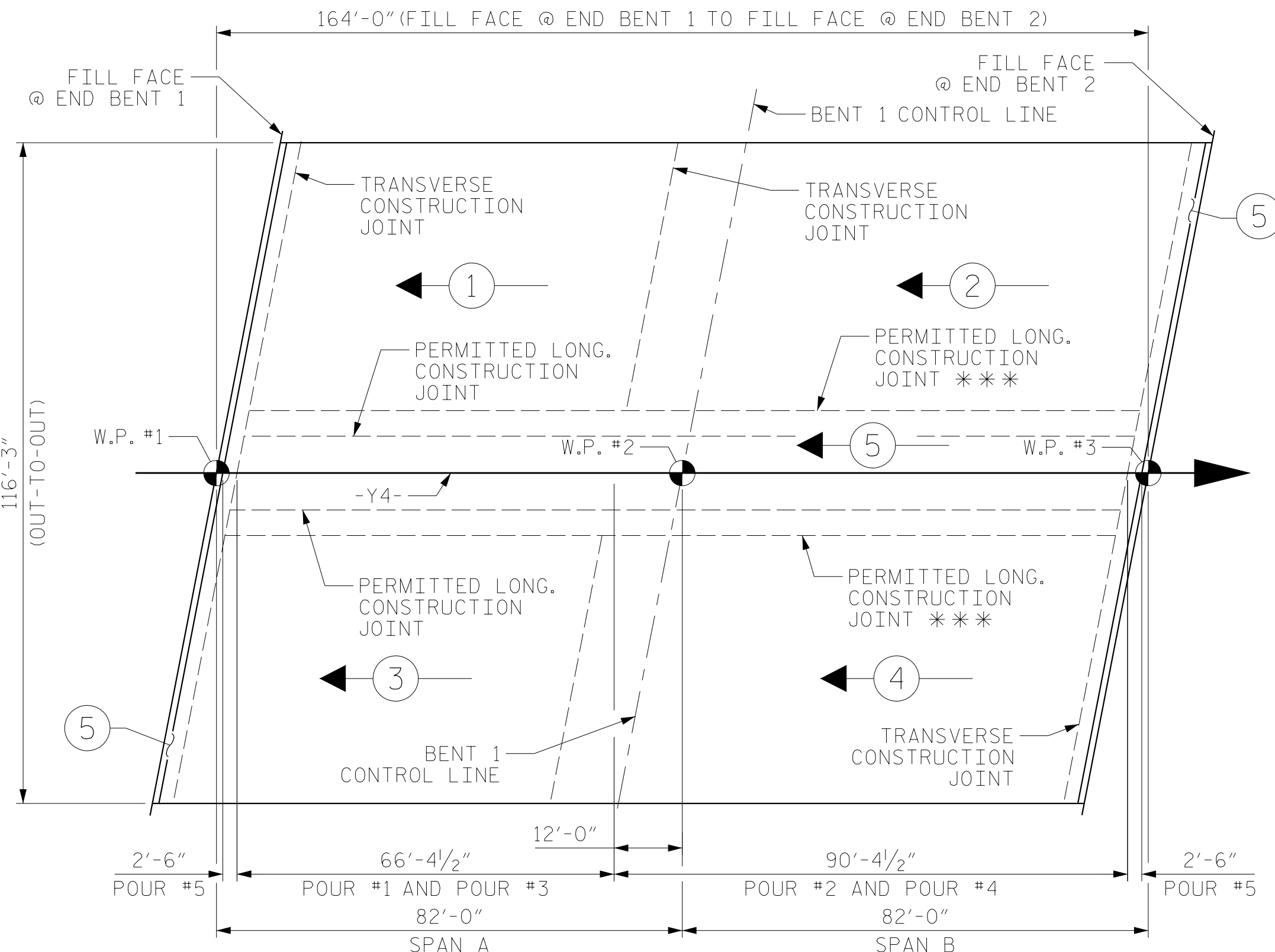
GROOVING BRIDGE FLOORS

APPROACH SLABS	4,714 SQ.FT.
BRIDGE DECK	15,173 SQ.FT.
TOTAL	19,887 SQ.FT.

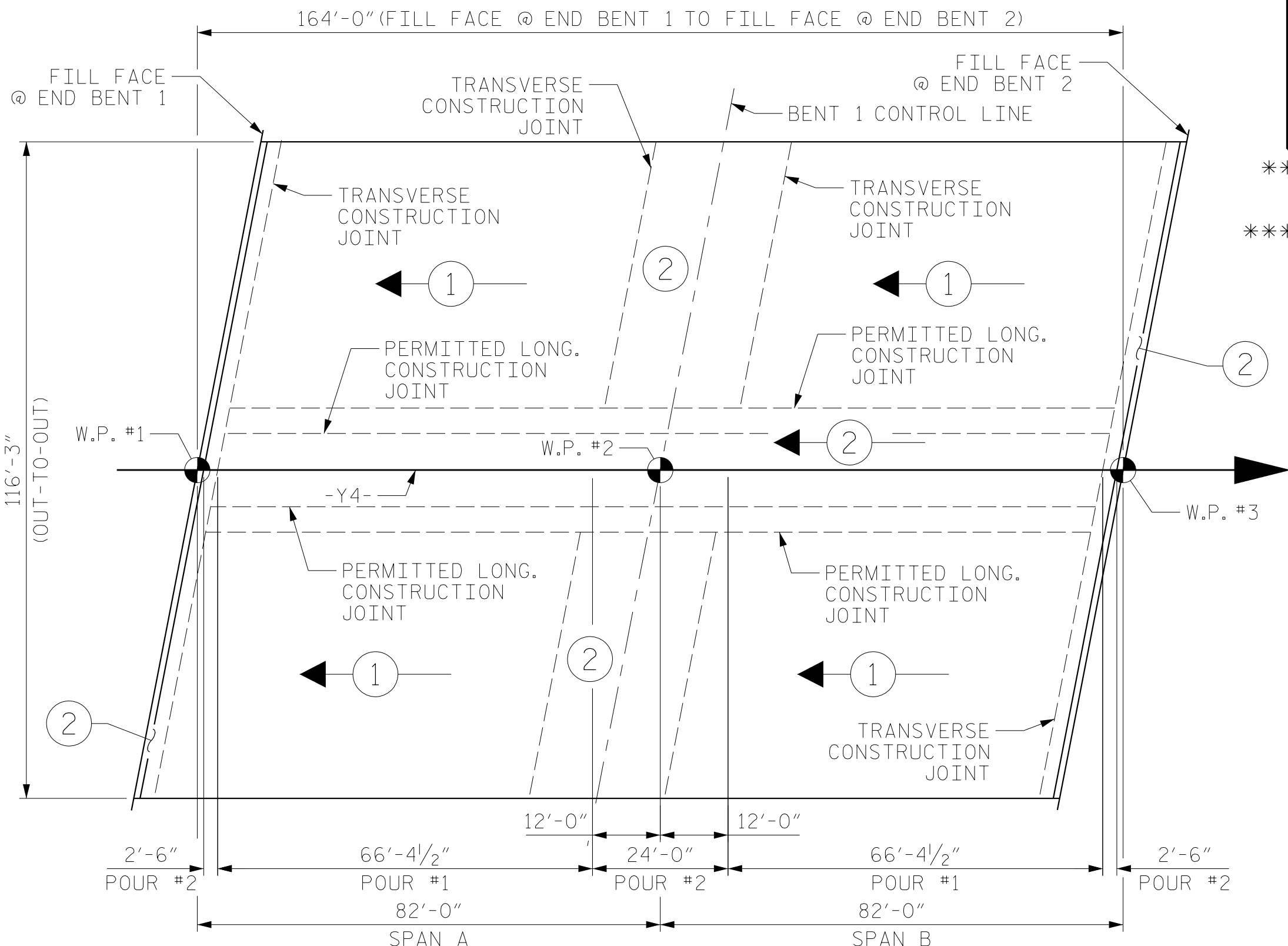
CLASS AA CONCRETE

	CU. YDS.
POUR 1	103.4
POUR 2	140.8
POUR 3	103.4
POUR 4	140.8
POUR 5	149.8
TOTALS**	638.2

* B1	464	#4	STR.	27'-4"	8472
* B2	116	#6	STR.	60'-0"	10454
* B3	115	#6	STR.	15'-0"	2591
B4	444	#5	STR.	55'-2"	25547
B5	130	#5	STR.	15'-0"	2034
* B6	10	#4	STR.	33'-10"	226
* G1	4	#5	STR.	59'-3"	247
* K1	8	#8	1	12'-4"	263
* K2	36	#8	2	22'-2"	2131
* K3	40	#4	STR.	9'-8"	258
* K4	40	#6	STR.	9'-2"	551
* S1	180	#4	3	3'-2"	381
* S2	180	#5	4	5'-9"	1080
* S3	40	#5	5	3'-1"	129



POURING SEQUENCE



OPTIONAL POURING SEQUENCE

\*\* QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED.  
\*\*\* QUANTITIES AND POURING SEQUENCE ASSUME USING PERMITTED CONSTRUCTION JOINT ABOVE GIRDERS 5 AND 7.

REINFORCING STEEL 70,731 LBS.  
\* EPOXY COATED REINFORCING STEEL 70,047 LBS.

PROJECT NO. U-2579AB  
FORSYTH COUNTY  
STATION: 30+67.66 -Y4-



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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			37
2			4			

DRAWN BY : TWL DATE : 07/2019  
CHECKED BY : JMR DATE : 09/2019  
DESIGN ENGINEER OF RECORD: JMR DATE : 10/2019

NOTES:  
THE CONTRACTOR HAS THE OPTION OF USING ANY NUMBER OF SHOWN JOINTS, BUT MAY USE LESS OR MOVE THE LOCATION OF ONE'S SHOWN WITH THE APPROVAL OF THE ENGINEER.  
SEE "TYPICAL SECTION SHEET 1 OF 3" FOR LOCATIONS OF PERMITTED CONSTRUCTION JOINTS.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED