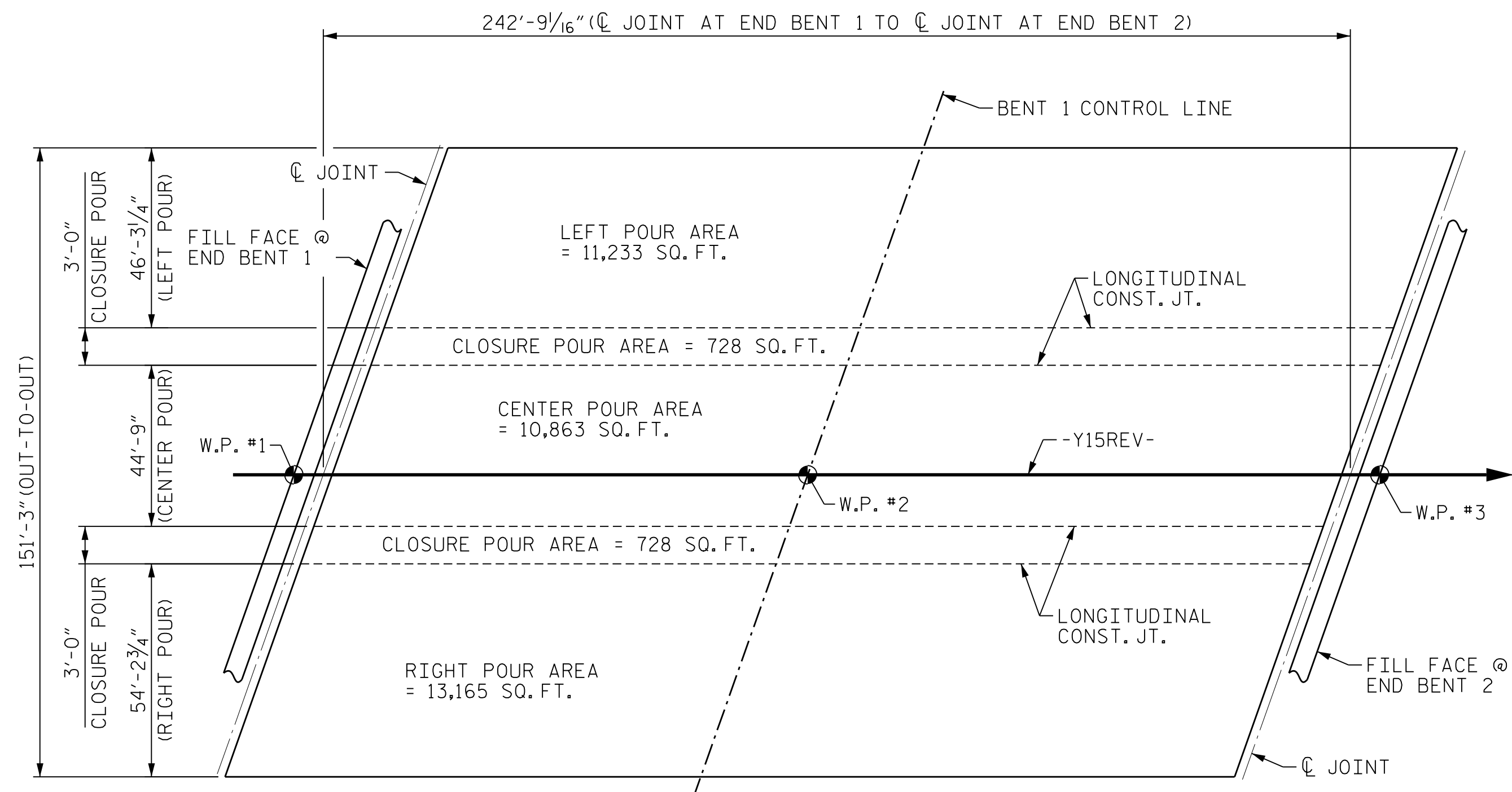
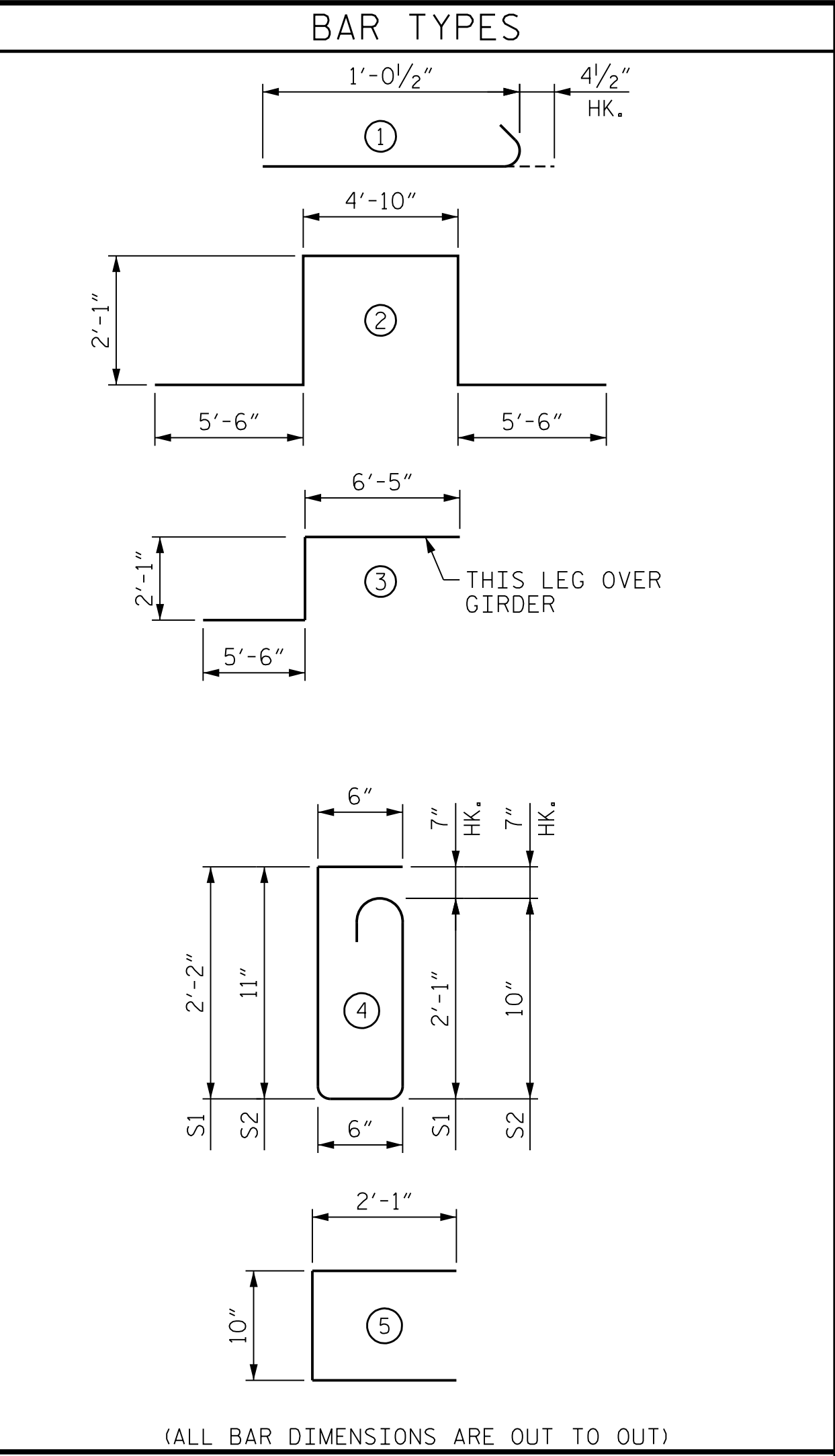


BILL OF MATERIAL

RIGHT POUR						CLOSURE POURS (TOTAL FOR BOTH CLOSURE POURS)					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A5	383	#5	STR.	53'-10"	21505	A618	2	#5	STR.	24'-6"	51
A6	383	#5	STR.	53'-10"	21505	A619	2	#5	STR.	22'-10"	48
* A501	2	#5	STR.	52'-6"	110	A620	2	#5	STR.	21'-2"	44
* A502	2	#5	STR.	50'-10"	106	A621	2	#5	STR.	19'-6"	41
* A503	2	#5	STR.	49'-2"	103	A622	2	#5	STR.	17'-10"	37
* A504	2	#5	STR.	47'-6"	99	A623	2	#5	STR.	16'-3"	34
* A505	2	#5	STR.	45'-11"	96	A624	2	#5	STR.	14'-7"	30
* A506	2	#5	STR.	44'-3"	92	A625	2	#5	STR.	12'-11"	27
* A507	2	#5	STR.	42'-7"	89	A626	2	#5	STR.	11'-3"	23
* A508	2	#5	STR.	40'-11"	85	A627	2	#5	STR.	9'-8"	20
* A509	2	#5	STR.	39'-3"	82	A628	2	#5	STR.	8'-0"	17
* A510	2	#5	STR.	37'-8"	79	A629	2	#5	STR.	6'-4"	13
* A511	2	#5	STR.	36'-0"	75	A630	2	#5	STR.	4'-8"	10
* A512	2	#5	STR.	34'-4"	72	A631	2	#5	STR.	3'-1"	6
* A513	2	#5	STR.	32'-8"	68	* A701	4	#5	STR.	8'-2"	34
* A514	2	#5	STR.	31'-1"	65	* A702	2	#6	STR.	7'-1"	21
* A515	2	#5	STR.	29'-5"	61	A801	4	#5	STR.	8'-2"	34
* A516	2	#5	STR.	27'-9"	58						
* A517	2	#5	STR.	26'-1"	54	* B1	333	#4	STR.	28'-9"	6395
* A518	2	#5	STR.	24'-6"	51	* B2	72	#5	STR.	44'-0"	3304
* A519	2	#5	STR.	22'-10"	48	B3	200	#5	STR.	50'-3"	10482
* A520	2	#5	STR.	21'-2"	44	B4	28	#5	STR.	19'-9"	577
* A521	2	#5	STR.	19'-6"	41	B5	56	#5	STR.	9'-3"	540
* A522	2	#5	STR.	17'-10"	37						
* A523	2	#5	STR.	16'-3"	34	* D1	412	#5	STR.	5'-6"	2363
* A524	2	#5	STR.	14'-7"	30	D2	412	#5	STR.	5'-6"	2363
* A525	2	#5	STR.	12'-11"	27						
* A526	2	#5	STR.	11'-3"	23	* G3	2	#5	STR.	57'-2"	119
* A527	2	#5	STR.	9'-8"	20	* G4	2	#5	STR.	5'-9"	12
* A528	2	#5	STR.	8'-0"	17						
* A529	2	#5	STR.	6'-4"	13	* J1	112	#4	1	1'-5"	106
* A530	2	#5	STR.	4'-8"	10						
* A531	2	#5	STR.	3'-1"	6	* K1	24	#8	2	20'-0"	1282
						* K2	4	#8	3	14'-0"	150
A601	2	#5	STR.	52'-6"	110	* K3	24	#4	STR.	7'-2"	115
A602	2	#5	STR.	50'-10"	106	* K4	12	#6	STR.	7'-6"	135
A603	2	#5	STR.	49'-2"	103	* K5	12	#6	STR.	5'-2"	93
A604	2	#5	STR.	47'-6"	99	* K6	12	#6	STR.	3'-10"	69
A605	2	#5	STR.	45'-11"	96						
A606	2	#5	STR.	44'-3"	92	* S1	60	#5	4	5'-10"	365
A607	2	#5	STR.	42'-7"	89	* S2	48	#5	4	3'-4"	167
A608	2	#5	STR.	40'-11"	85	* S3	60	#4	5	5'-0"	200
A609	2	#5	STR.	39'-3"	82						
A610	2	#5	STR.	37'-8"	79	* EPOXY COATED REINFORCING STEEL					38,230 LBS.
A611	2	#5	STR.	36'-0"	75	REINFORCING STEEL					37,296 LBS.
A612	2	#5	STR.	34'-4"	72	* DENOTES EPOXY COATED REINFORCING STEEL					
A613	2	#5	STR.	32'-8"	68						
A614	2	#5	STR.	31'-1"	65						
A615	2	#5	STR.	29'-5"	61						
A616	2	#5	STR.	27'-9"	58						
A617	2	#5	STR.	26'-1"	54						

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"			



LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 36,717)

SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE			REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
	(CU. YDS.)				
	POUR #1	POUR #2	TOTAL		
LEFT POUR	190.6	194.6	385.2	32,137	33,045
CENTER POUR	182.4	186.4	368.8	33,359	34,578
RIGHT POUR	222.7	227.5	450.2	37,296	38,230
CLOSURE POURS			40.4	2,096	1,710
POUR #4			71.6		
TOTAL **			1316.2	104,888	107,563

** QUANTITIES FOR CONCRETE BARRIER RAIL AND MEDIAN BARRIER NOT INCLUDED

GROOVING BRIDGE FLOORS

	10,426	SQ. FT.
LEFT POUR	10,426	SQ. FT.
CENTER POUR	9,504	SQ. FT.
RIGHT POUR	12,349	SQ. FT.
CLOSURE POURS	1,450	SQ. FT.
APPROACH SLABS	9,343	SQ. FT.
TOTAL	43,072	SQ. FT.

PROJECT NO. U-2579AB
 FORSYTH COUNTY
 STATION: 47+28.33 -Y15REV-
 SHEET 3 OF 3



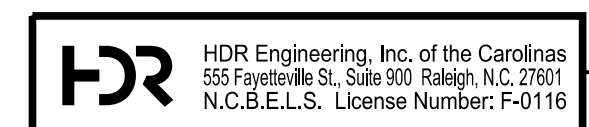
10/18/2021

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

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1	--	--	3	--	--
2	--	--	4	--	--

SHEET NO. 303-38
 TOTAL SHEETS 61



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT.pdf_color_eng-50dpi
 USER: PPETERSO DATE: 10/14/2021
 FILE: ...SUPERSTRUCTURE_BIL
 PENTABLE: NCDOT STRUCTURES DEFAULT PEN.tbl
 TIME: 3:50:00 PM

DES BY: M. NEIHEISEL DATE: 03/19
 DES CHK: S. NIFONG DATE: 03/19
 DWG BY: B. PETERSON DATE: 03/19
 CHK BY: S. NIFONG DATE: 05/19