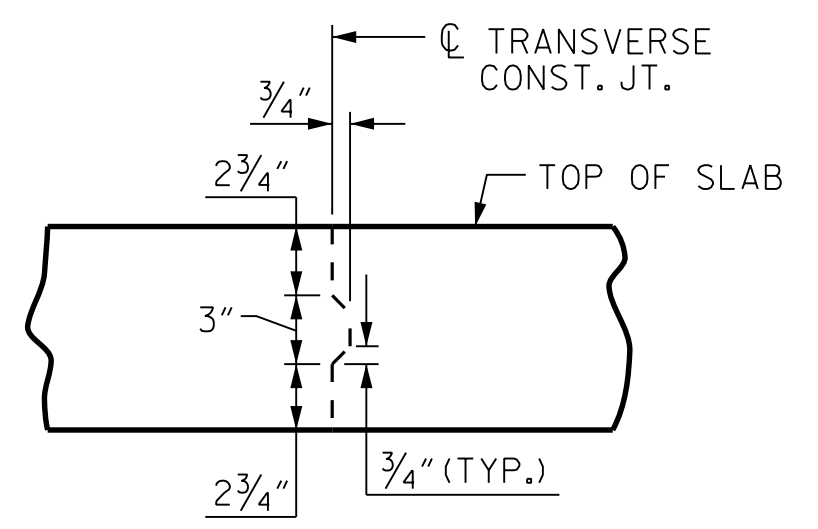


SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

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"			

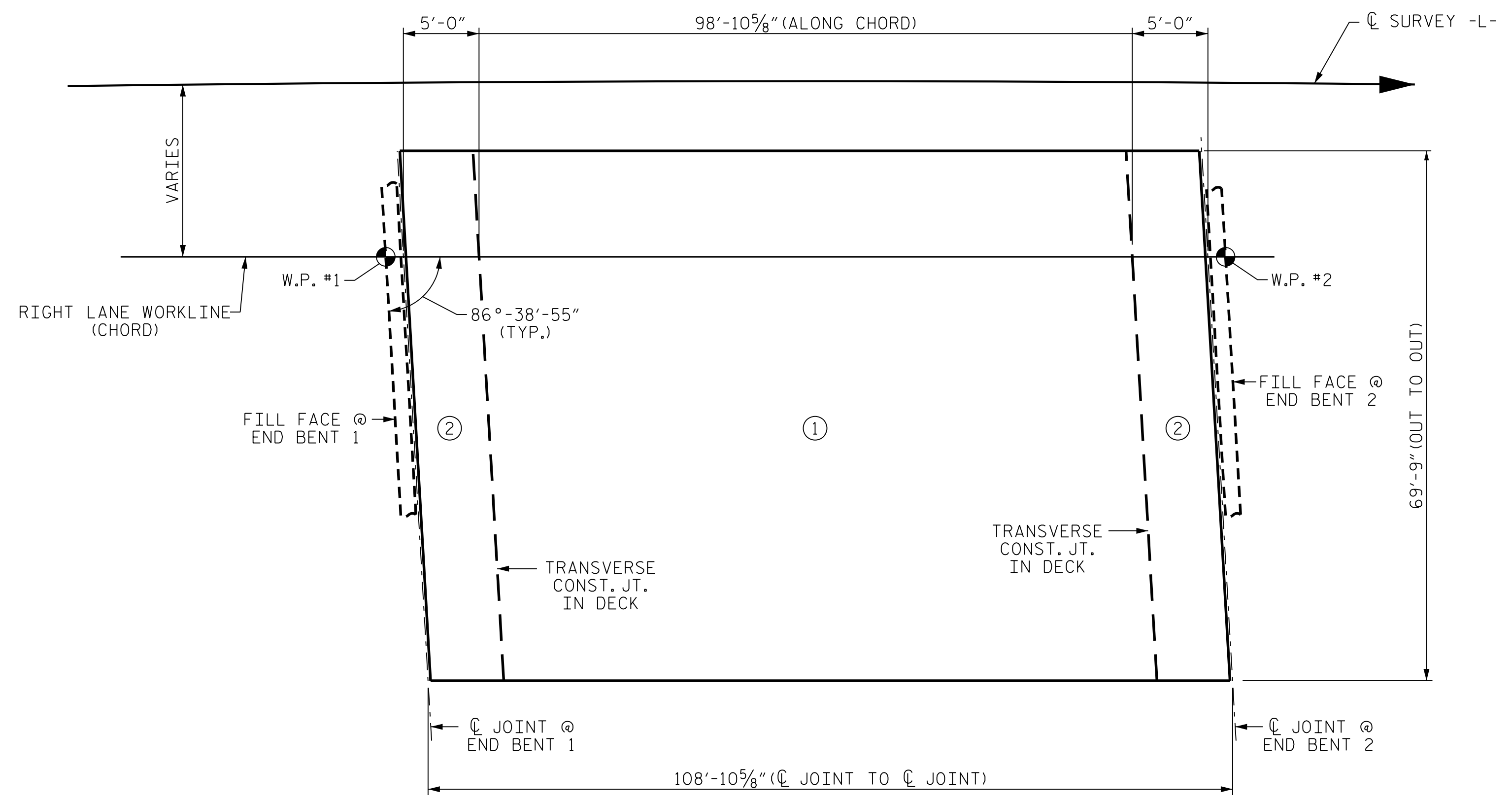
GROOVING BRIDGE FLOORS

APPROACH SLABS	3,027	SF
BRIDGE DECK	6,843	SF
TOTAL	9,870	SF



TRANSVERSE CONSTRUCTION JOINT DETAIL

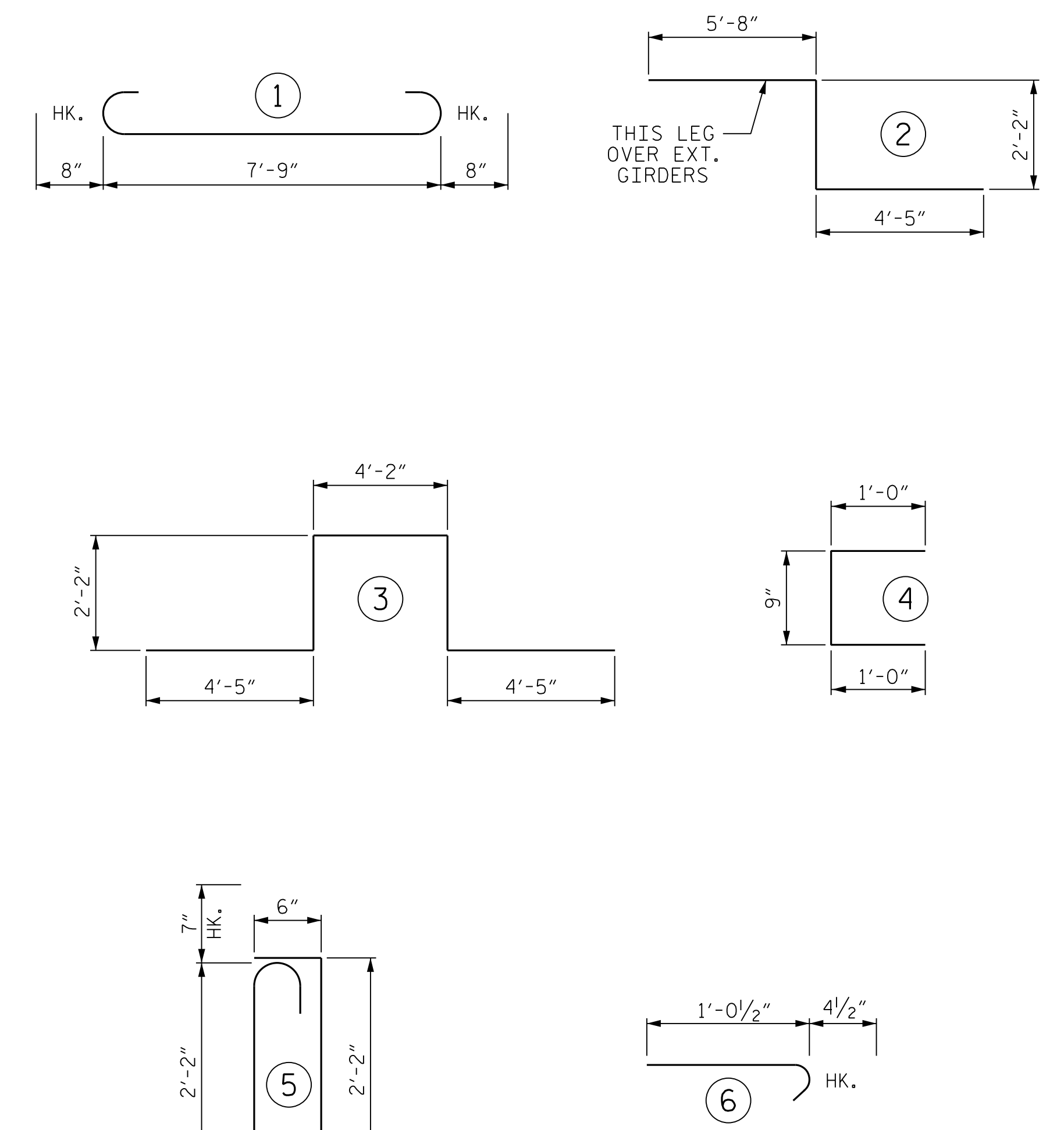
NOTE: REINFORCING STEEL IN SLAB NOT SHOWN. LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT.



LAYOUT FOR COMPUTING REINFORCED CONCRETE DECK SLAB AREA & POUR SEQUENCE (SF = 7,595)

DRAWN BY: S.D. COOPER DATE: 8-17
 CHECKED BY: M.A. AVERETTE DATE: 8-17
 DESIGN ENGINEER OF RECORD: M.A. AVERETTE DATE: 8-17

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	342	#5	STR	36'-0"	12841
A2	169	#5	STR	49'-1"	8652
A3	172	#5	STR	22'-7"	4051
* A101	2	#5	STR	5'-1"	11
* A102	2	#5	STR	15'-10"	33
* A103	2	#5	STR	26'-7"	55
* A104	2	#5	STR	25'-4"	53
* A105	2	#5	STR	14'-7"	30
* A106	2	#5	STR	3'-10"	8
A201	1	#5	STR	6'-2"	6
A202	1	#5	STR	16'-11"	18
A203	1	#5	STR	27'-8"	29
A204	1	#5	STR	38'-5"	40
A205	1	#5	STR	48'-0"	50
A206	1	#5	STR	37'-4"	39
A207	1	#5	STR	26'-7"	28
A208	1	#5	STR	15'-10"	17
A209	1	#5	STR	5'-1"	5
A301	1	#5	STR	5'-1"	5
A302	1	#5	STR	15'-10"	17
A303	1	#5	STR	11'-11"	12
* B1	188	#4	STR	28'-8"	3600
B2	110	#5	STR	55'-4"	6348
* G1	4	#5	STR	36'-0"	150
* J1	132	#4	6	1'-5"	125
* K1	28	#6	STR	4'-10"	203
K2	28	#6	1	9'-1"	382
* K3	8	#8	2	12'-3"	262
* K4	24	#8	3	17'-4"	1111
* S1	84	#4	4	2'-9"	154
* S2	84	#5	5	5'-11"	518
REINFORCING STEEL					19699 LB
EPOXY COATED REINFORCING STEEL					19154 LB
CLASS AA CONCRETE					
POUR 1					227.5 CY
POUR 2					28.6 CY
TOTAL					256.1 CY

* INDICATES EPOXY COATED REINFORCING STEEL
 QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED, SEE "CONCRETE BARRIER RAIL" SHEETS.

PROJECT NO. U-2525C
GUILFORD COUNTY
 STATION: 470+43.12 -L-

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE

BILL OF MATERIAL
 RIGHT LANE

REVISIONS				SHEET NO.
NO.	BY:	DATE:	NO.	DATE:
1			3	
2			4	

TOTAL SHEETS: 32

PLANS PREPARED BY:
SIMPSON ENGINEERS & ASSOCIATES
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 (919) 852-0468
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 LICENSURE NO. C-2521



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