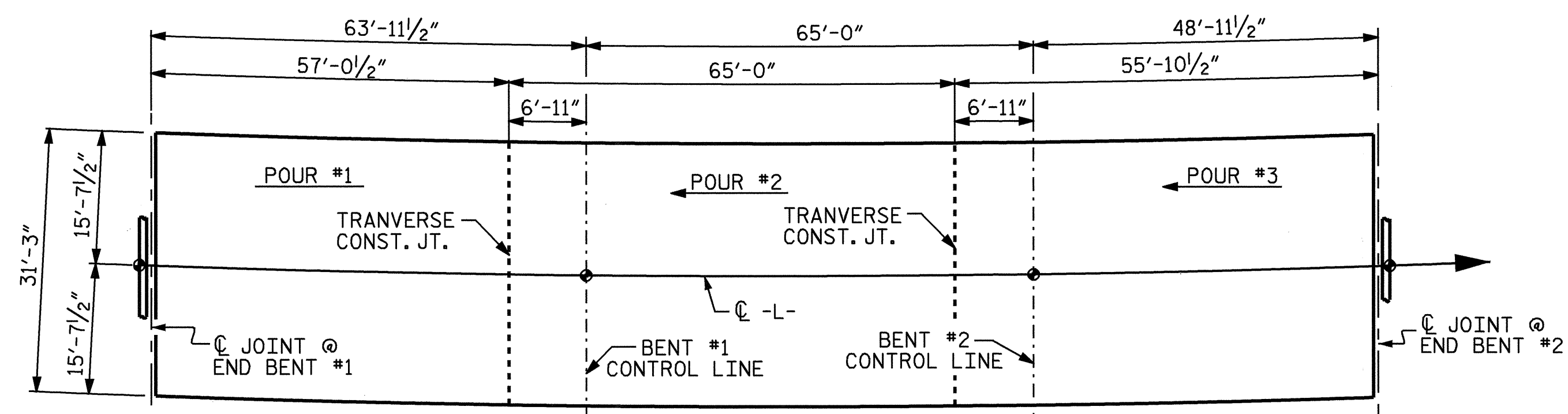
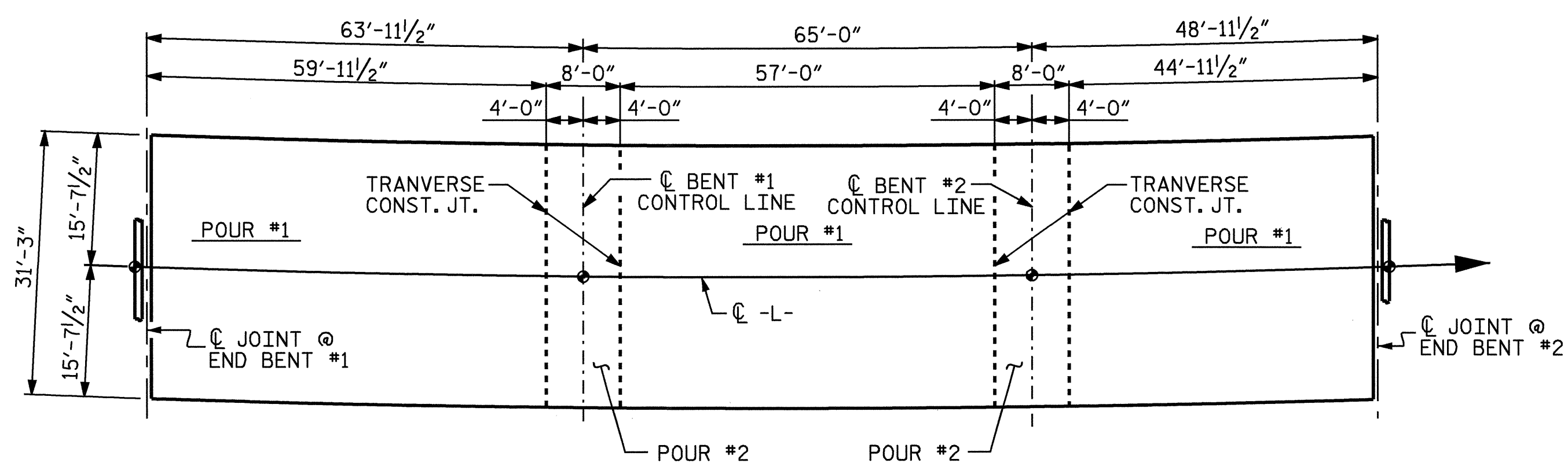


LAYOUT FOR COMPUTING AREA
REINFORCED CONCRETE DECK SLAB
(SQ. FT. = 5560)



POURING SEQUENCE



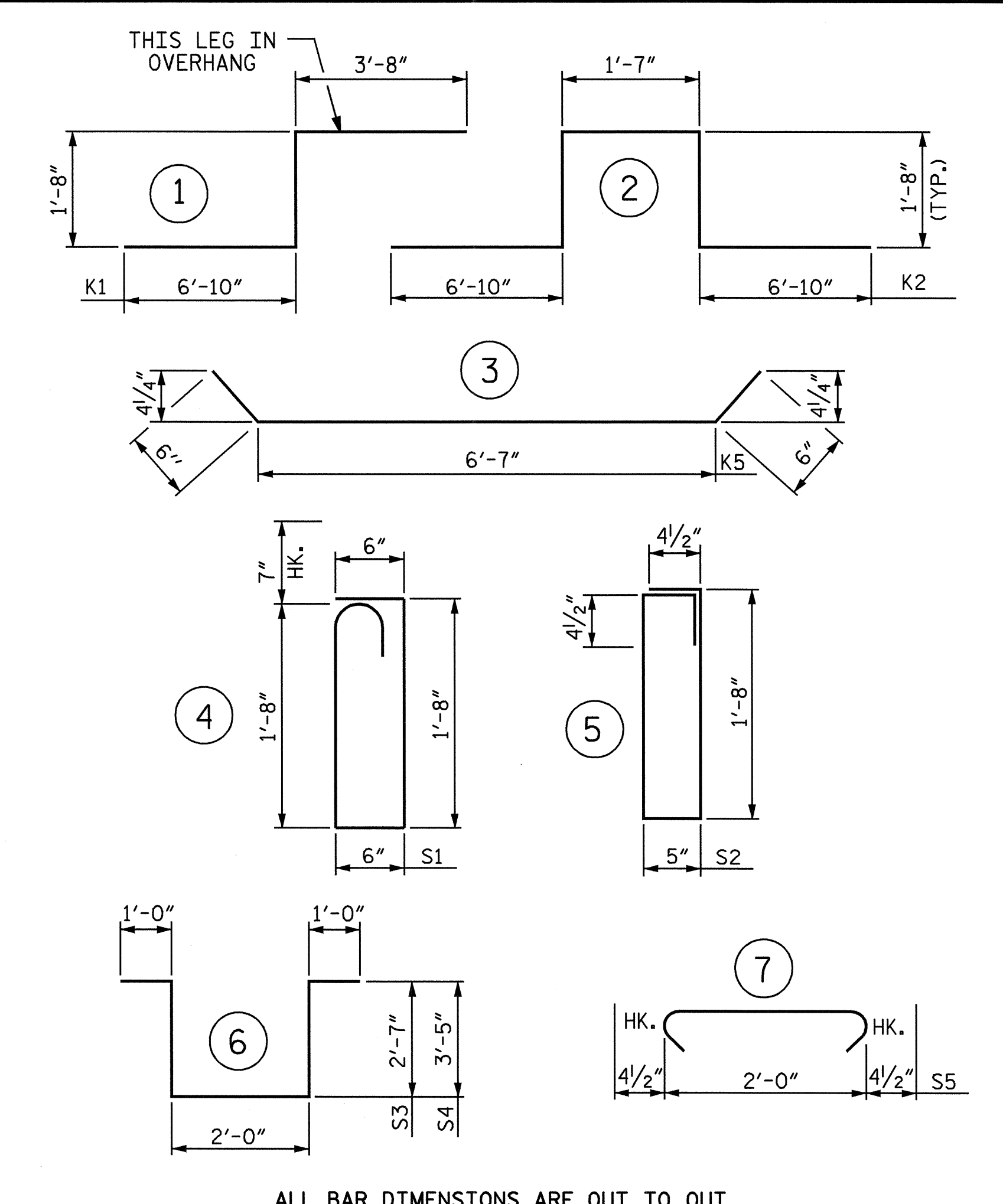
OPTIONAL POURING SEQUENCE

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

REINFORCING BAR SCHEDULE

SPANS A THRU C					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	305	#5	STR	30'-11"	9835
A2	305	#5	STR	30'-11"	9835
*B1	44	#4	STR	21'-8"	637
B2	152	#5	STR	46'-1"	7306
*B3	22	#7	STR	49'-0"	2203
*B4	21	#7	STR	19'-6"	837
*B5	22	#4	STR	20'-0"	294
*B6	22	#7	STR	44'-6"	2001
*B7	21	#7	STR	17'-3"	740
*B8	44	#4	STR	16'-5"	483
*G1	2	#5	STR	30'-11"	64
*K1	8	#8	1	12'-2"	260
*K2	8	#8	2	18'-7"	397
K3	18	#5	STR	7'-2"	135
K4	18	#5	3	7'-7"	142
K5	8	#4	STR	24'-9"	132
K6	12	#4	STR	6'-11"	55
K7	24	#4	STR	7'-5"	119
K8	12	#4	STR	5'-4"	43
*S1	42	#5	4	4'-11"	215
S2	63	#4	5	4'-11"	207
S3	12	#4	6	9'-2"	73
S4	30	#4	6	10'-10"	217
S5	114	#4	7	2'-9"	209
REINFORCING STEEL =					18473 LBS
EPOXY COATED REINF. STEEL =					17966 LBS

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

GROOVING BRIDGE FLOORS

BRIDGE DECK	4440	SQ.FT.
APPROACH SLABS	694	SQ.FT.
TOTAL	5134	SQ.FT.

SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR #1	59.5		
POUR #2	73.0		
POUR #3	64.9		
TOTALS**	197.4	18473	17966

**QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

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

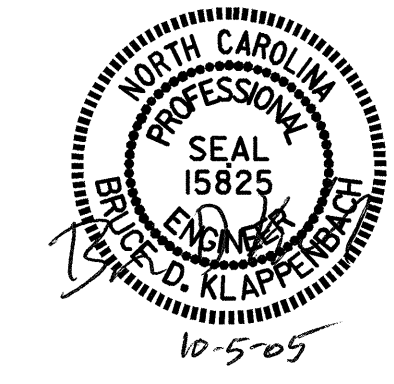
BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	2'-0"	1'-9"	2'-0"	1'-9"	2'-9"
#5	2'-6"	2'-2"	2'-6"	2'-2"	3'-5"
#6	3'-0"	2'-7"	3'-10"	2'-7"	4'-4"
#7	5'-3"	3'-6"			
#8	6'-10"	4'-7"			

PROJECT NO. B-3877
NASH COUNTY
STATION: 25+80.65 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE
BILL OF MATERIAL

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-18	
1			3			TOTAL SHEETS	
2			4			33	



DRAWN BY: M. G. SHAIKH DATE: 01-31-05
CHECKED BY: D. A. GLADDEN DATE: 04-25-05