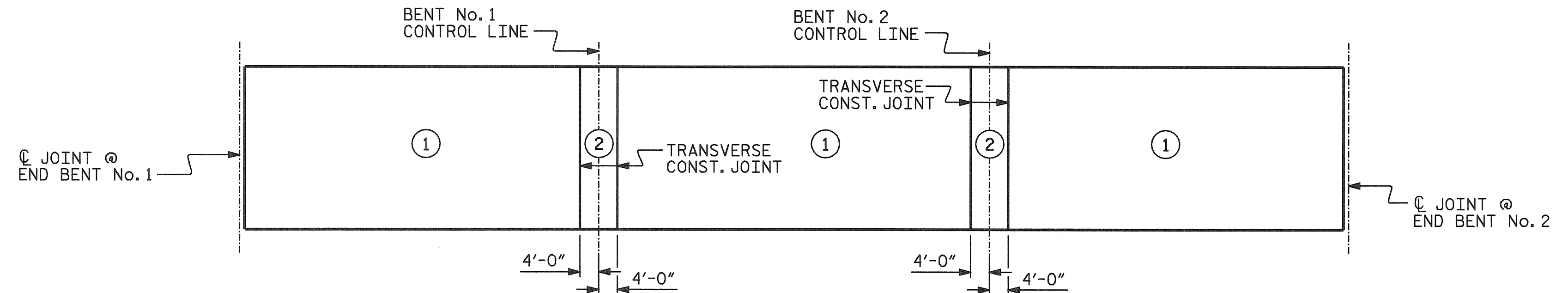


TRANSVERSE CONSTRUCTION JOINT DETAIL

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

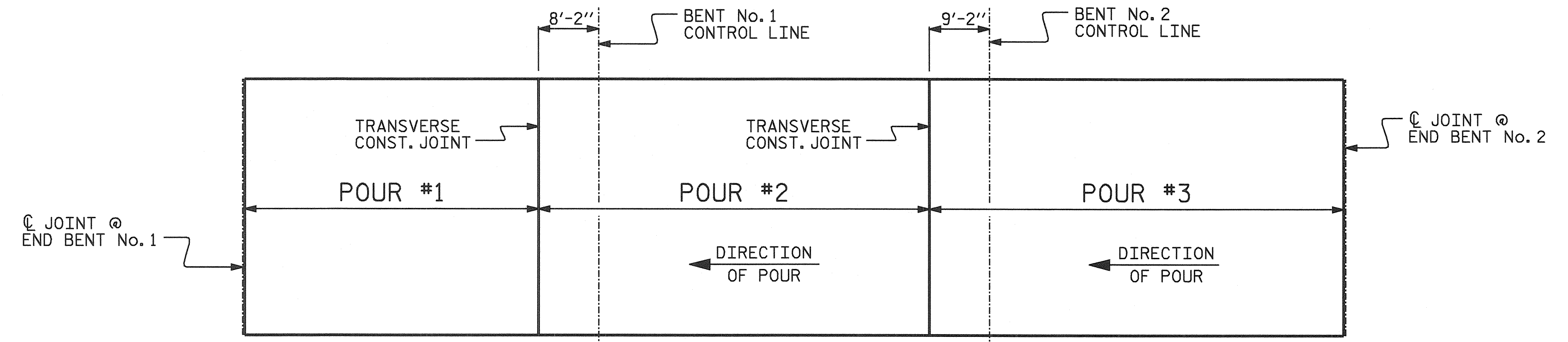
SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

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"	---	---	---

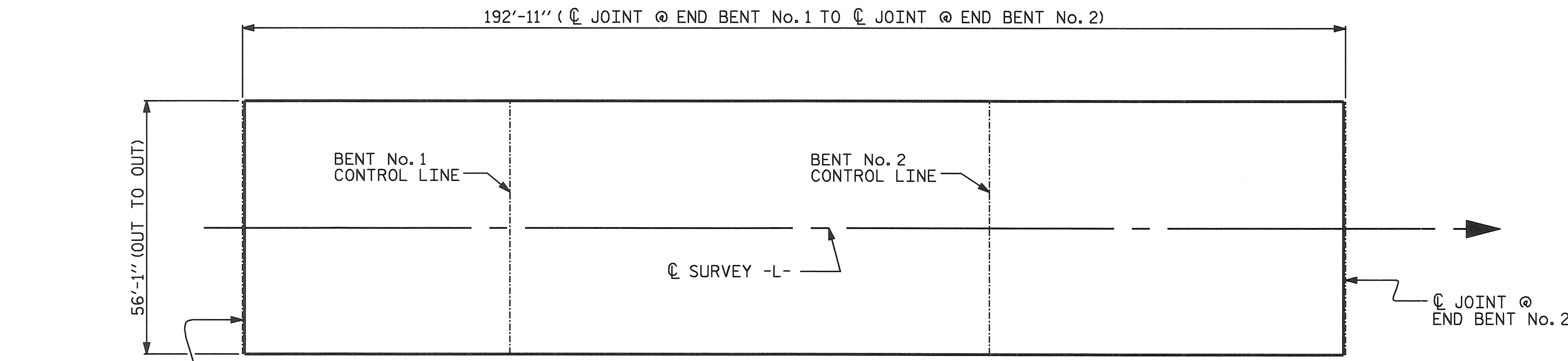


OPTIONAL POURING SEQUENCE

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



POURING SEQUENCE



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. FT. = 10819)

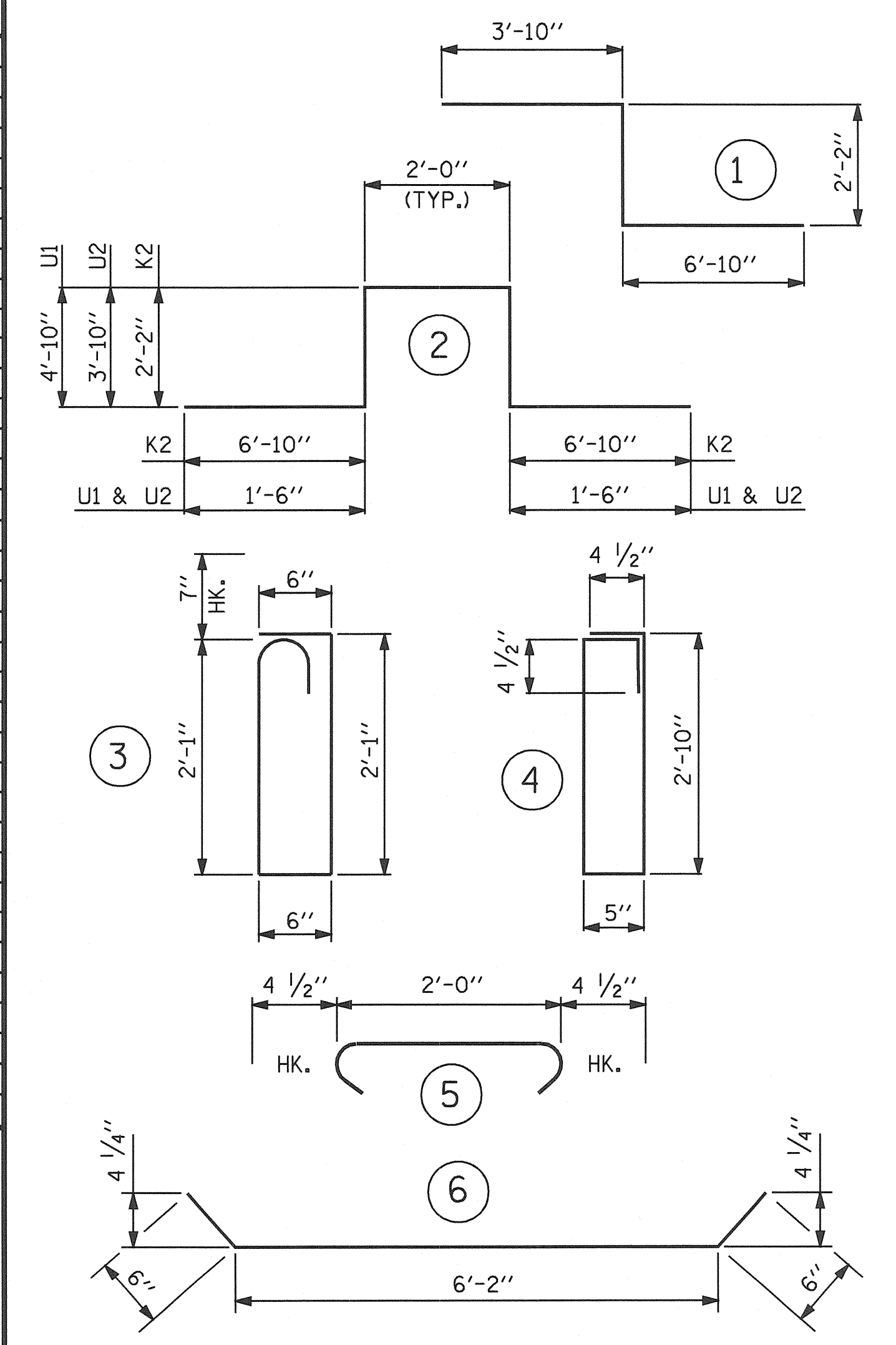
BILL OF MATERIAL

SPAN "A", "B", & "C"

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	331	#5	STR	55'-9"	19247
A2	331	#5	STR	55'-9"	19247
*B1	36	#4	STR	27'-3"	655
B2	240	#5	STR	49'-10"	12474
*B3	36	#7	STR	49'-0"	3606
*B4	35	#7	STR	19'-6"	1395
*B5	36	#4	STR	28'-0"	673
*B6	36	#7	STR	55'-0"	4047
*B7	35	#7	STR	22'-6"	1610
*B8	72	#4	STR	21'-8"	1042
*B9	14	#4	STR	29'-3"	274
*B10	35	#4	STR	29'-3"	684
*D1	112	#4	STR	1'-0"	75
*G1	2	#5	STR	55'-9"	116
*G2	193	#4	STR	5'-0"	645
*K1	8	#8	1	12'-10"	274
*K2	20	#8	2	20'-0"	1068
K3	36	#5	6	7'-2"	269
K4	36	#5	STR	6'-8"	250
K5	24	#4	STR	4'-9"	76
K6	96	#4	STR	6'-4"	406
K7	20	#4	STR	26'-1"	348
*S1	84	#5	3	5'-9"	504
S2	126	#4	4	7'-3"	610
S3	312	#4	5	2'-9"	573
U1	60	#4	2	14'-8"	588
U2	24	#4	2	12'-8"	203
REINFORCING STEEL				=	35,044 LBS
EPOXY COATED REINF. STEEL				=	35,915 LBS

* THESE BARS ARE EPOXY COATED

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL

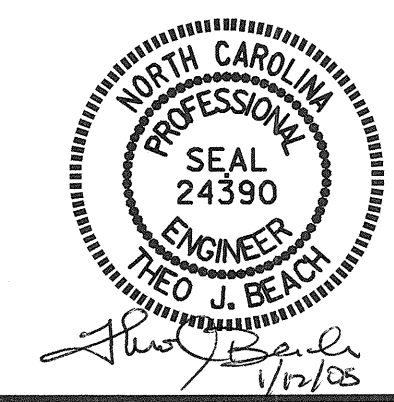
	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
SPAN "A", "B", & "C"		35,044 LBS	35,915 LBS
POUR #1	67.3	---	---
POUR #2	166.2	---	---
POUR #3	149.6	---	---
SIDEWALK	23.7	---	---
TOTALS **	406.8	35,044 LBS	35,915 LBS

** QUANTITIES FOR PARAPET AND END POSTS ARE NOT INCLUDED

GROOVING BRIDGE FLOORS

APPROACH SLABS	2166 SQ.FT.
BRIDGE DECK	8651 SQ.FT.
TOTAL	10,817 SQ.FT.

PROJECT NO. B-3652
GUILFORD COUNTY
STATION: 21+87.50 -L-



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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-23
1			3			TOTAL SHEETS 42
2			4			

ASSEMBLED BY : S.B. WILLIAMS DATE: 3/29/04
CHECKED BY : P.C. BREWER DATE: 6/1/04
DRAWN BY : JMB 5/87 REV. 6/1/94 EEM/GRP
CHECKED BY : SJD 9/87