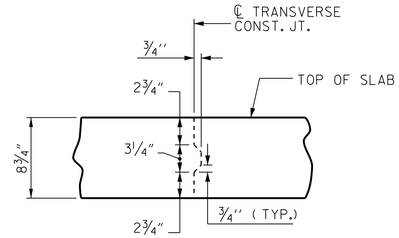
REINFORCING BAR SCHEDULE

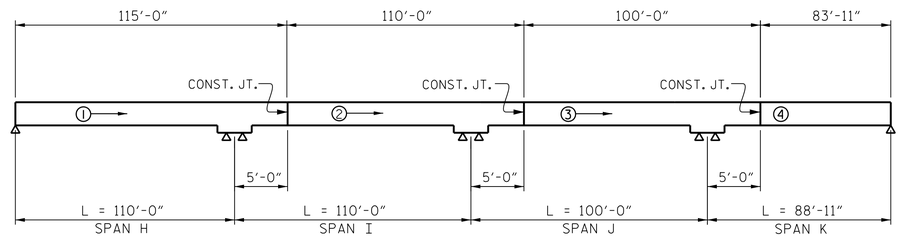
(4 SPAN CONTINUOUS UNIT 3, SPANS H THRU K)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A1	754	5	STR.	40'-11"	32178
A2	754	5	STR.	40'-11"	32178
✱ B1	261	6	STR.	27'-4"	10715
✱ B2	156	6	STR.	51'-0"	11950
B3	369	5	STR.	26'-10"	10327
✱ B30	87	4	STR.	25'-11"	1506
✱ B31	58	4	STR.	20'-0"	775
✱ B32	29	4	STR.	28'-0"	542
✱ B33	58	4	STR.	27'-5"	1062
B34	352	5	STR.	52'-11"	19428
✱ G1	2	5	STR.	40'-11"	85
✱ J1	80	4	8	1'-5"	70
✱ K1	8	8	2	25'-4"	541
✱ K2	8	8	1	14'-9"	315
✱ K3	12	6	STR.	10'-1"	182
K4	36	4	STR.	17'-9"	427
K5	36	4	STR.	7'-1"	170
K6	72	4	STR.	10'-1"	485
K7	4	6	STR.	40'-11"	246
✱ S1	48	5	3	6'-1"	305
S2	48	4	6	2'-7"	83
S3	432	4	5	2'-9"	794
S4	12	5	4	3'-7"	45
U1	18	4	7	8'-11"	107
✱ U2	72	4	2	14'-10"	713
TOTAL REINFORCING STEEL				(LBS.)	60945
✱ TOTAL EPOXY COATED REINFORCING STEEL				(LBS.)	64290

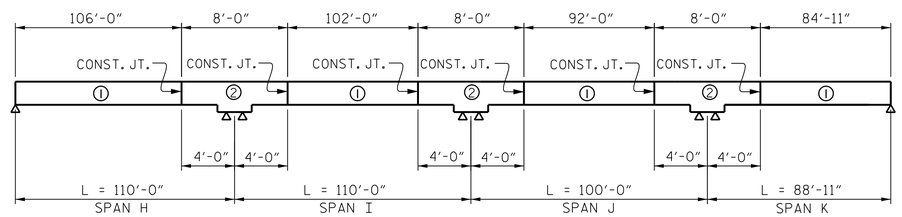


TRANSVERSE CONSTRUCTION JOINT DETAIL

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



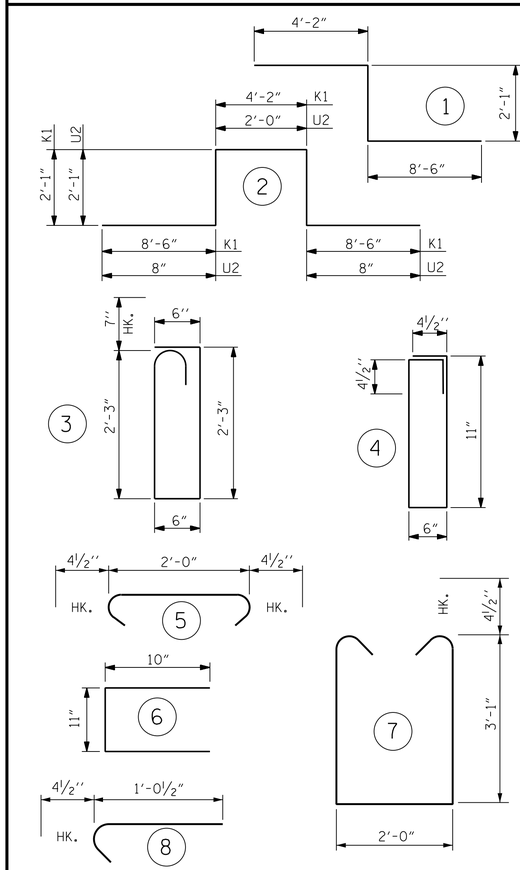
POURING SEQUENCE (UNIT 3)



OPTIONAL POURING SEQUENCE (UNIT 3)

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"			

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU. YDS.)	(LBS.)	(LBS.)
POUR 1	175.6		
POUR 2	167.1		
POUR 3	153.2		
POUR 4	118.6		
TOTALS✱✱	614.5	60945	64290

✱✱QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

PROJECT NO. R-2514B

ONSLOW/JONES COUNTY

STATION: 173+54.46 -L-

SHEET 3 OF 3

NORTH CAROLINA PROFESSIONAL SEAL 20668 ENGINEER PAUL R. HOLSHOUSER

DocuSigned by: Paul R. Holshouser 1C5F9484FEC444D... 2/3/2015

The LOUIS BERGER GROUP, Inc.
1001 Wade Avenue, Suite 400
Raleigh, NC 27605-3322
NC COA No. F-0840

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

SUPERSTRUCTURE BILL OF MATERIAL

(RIGHT LANE)

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

SHEET NO. S5-44

TOTAL SHEETS 75

STD. NO. BOM2 STR. #5

ASSEMBLED BY : M. HOGAN DATE : 01/14
CHECKED BY : R. COFFMAN DATE : 07/14
DESIGN ENGINEER OF RECORD : P. HOLSHOUSER DATE : 10/14

DRAWN BY : JMB 5/87
CHECKED BY : SJD 9/87

REV. 8/16/99 RWW/LES
REV. 5/1/06 TLA/GM
REV. 10/1/11 MAA/GM

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2/3/2015 6:40:32 PM CKE_R2514B_PDF_full.pltcfg R2514B_str.tbl