



REINFORCING STEEL

BAR NO. 7 - 5/8"	BAR NO. 8 - 9/8" TOTAL LTH. 28'-2 1/2"
STRAIGHT - LENGTH 26'-10"	R. 2" 26'-6" R. 2"
BAR NO. 9 - 5/8"	TOT. LTH. 29'-5 1/2"
BAR NO. 10 - 3/4"	BAR NO. 12A - 3/8"
BAR NO. 11 - 1/2"	STRAIGHT

TABLE OF QUANTITIES FOR SINGLE SPAN (SQUARE)

OVERALL SPAN	STRUCTURAL STEEL - H15 LANE LOADING				REINFORCING STEEL SCHEDULE																	
	SIZE W.F. BEAM	LENGTH	NO. OF BEAMS	TOTAL WT. (LBS.)	7	8	9	10	11	12A	12B	12C	12D	12E	12F	12G	12H	12I	12J	12K	12L	
28'-0"	21" x 6"	66'	2	1,380	25	23	25	5	59	44	8	3,789	119.3									
33'-0"	24" x 6"	80'	2	1,719	30	30	30	5	59	44	8	5,194	165.9									
38'-0"	26 1/2" x 6"	91'	2	2,222	37	37	37	5	59	44	8	7,174	222.6									
43'-0"	27 1/2" x 6"	106'	2	2,608	38	38	38	5	59	44	8	8,456	261.9									
49'-0"	30" x 6"	116'	2	3,208	45	45	45	5	59	44	8	10,114	311.4									
54'-0"	33" x 6"	125'	2	3,603	49	49	49	5	59	44	8	11,218	346.2									
59'-0"	33 1/2" x 6"	141'	2	4,455	54	54	54	5	59	44	8	13,714	421.4									
64'-0"	36" x 6"	160'	2	5,185	59	59	59	5	59	44	8	16,610	511.4									
69'-0"	36 1/2" x 6"	182'	2	6,015	63	63	63	5	59	44	8	19,197	591.4									
74'-0"	33 1/2" x 6"	210'	2	6,975	68	68	68	5	59	44	8	22,864	701.4									
79'-0"	35 1/2" x 6"	230'	2	7,925	73	73	73	5	59	44	8	26,547	811.4									
84'-0"	36 1/2" x 6"	250'	2	8,925	77	77	77	5	59	44	8	30,347	921.4									

STANDARD I-BEAM BRIDGE
REINFORCED CONCRETE DECK
24 FT. ROADWAY
SPANS OF 28'-0" TO 84'-0" OVERALL
SQUARE OR SKEW

ESTIMATED QUANTITIES

Name	Project No.	Spans	Bearing & Note Revision 10/29/59 W.A.R.
Royalton (No. 14)	F. A. P. 14-	1-49 & 1-59	

Surveyed by: W.H.D. 4/3/57
 Designed by: W.H.D.
 Drawn by: J.W.P.
 Traced by: J.W.P.
 Checked by: G.G. 4-15-57
 Series SIB No. 24
 Sheet of 57