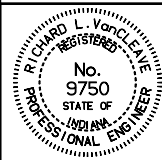


BILL OF MATERIALS
SQUARE STRUCTURES – ONE SLAB

BRIDGE APPROACH WIDTH	REINFORCING STEEL					BRIDGE APPROACH SQ. YDS.
	LONGIT. BARS		TRANSV. BARS		TOTAL WEIGHT, LBS.	
	NO.	MARK	NO.	SIZE x LGTH.		
24'-0	4	591	11	#5 x 23'-6	1300	54.7
25'-0	4	591	11	#5 x 24'-6	1376	56.9
25'-6	4	591	11	#5 x 25'-0	1403	58.1
27'-0	5	591	11	#5 x 26'-6	1485	61.5
29'-0	5	591	11	#5 x 28'-6	1594	66.1
31'-0	6	591	11	#5 x 30'-6	1702	70.6
33'-0	7	591	11	#5 x 32'-6	1811	75.2
35'-0	7	591	11	#5 x 34'-6	1920	79.7
37'-0	8	591	11	#5 x 36'-6	2029	84.3
39'-0	8	591	11	#5 x 38'-6	2138	88.8
40'-0	8	591	11	#5 x 39'-6	2192	91.1
42'-0	8	591	22	#5 x 21'-9 *	2281	95.7
44'-0	9	591	22	#5 x 22'-9 *	2476	100.2
* Bars lapped 1'-9" at centerline of roadway.						

GENERAL NOTES

1. The Bill of Materials shall be used to determine the bar lengths, total mass of steel, and bridge approach slab area for square structures.
2. Length of 591 bar is 20'-7".

INDIANA DEPARTMENT OF TRANSPORTATION											
REINFORCED CONCRETE BRIDGE APPROACH SLAB											
MARCH 2002											
STANDARD DRAWING NO. E 610-RCBA-06											
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