

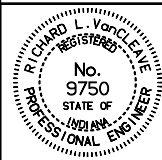
BILL OF MATERIALS
SQUARE STRUCTURES – ONE SLAB

BRIDGE APPROACH WIDTH, mm	REINFORCING STEEL					BRIDGE APPROACH AREA, m ²
	LONGIT. BARS		TRANSV. BARS		TOTAL MASS, kg	
	NO.	MARK	NO.	SIZE x LGTH.		
7200	48	1691	11	#16 x 7100	581	44.6
7600	51	1691	11	#16 x 7500	617	47.1
7800	52	1691	11	#16 x 7700	630	48.4
8200	55	1691	11	#16 x 8100	665	50.8
8800	59	1691	11	#16 x 8700	714	54.6
9400	63	1691	11	#16 x 9300	763	58.3
10000	67	1691	11	#16 x 9900	811	62.0
10600	71	1691	11	#16 x 10500	860	65.7
11200	75	1691	11	#16 x 11100	908	69.4
11800	79	1691	11	#16 x 11700	957	73.2
12100	81	1691	11	#16 x 12000	981	75.0
12400	83	1691	22	#16 x 6400 *	1014	76.9
13600	91	1691	22	#16 x 7000 *	1111	84.3
* Bars lapped 540 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 1691 bar is 6175.

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION											
REINFORCED CONCRETE BRIDGE APPROACH SLAB											
MARCH 2002											
STANDARD DRAWING NO. 610-RCBA-06											
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black; width: 80%;">/s/ Richard L. VanCleave</td> <td style="border-bottom: 1px solid black; width: 20%;">3-01-02</td> </tr> <tr> <td style="font-size: small;">DESIGN STANDARDS ENGINEER</td> <td style="font-size: small;">DATE</td> </tr> <tr> <td colspan="2" style="height: 10px;"></td> </tr> <tr> <td style="border-bottom: 1px solid black;">/s/ Richard K. Smutzer</td> <td style="border-bottom: 1px solid black;">3-01-02</td> </tr> <tr> <td style="font-size: small;">CHIEF HIGHWAY ENGINEER</td> <td style="font-size: small;">DATE</td> </tr> </table>	/s/ Richard L. VanCleave	3-01-02	DESIGN STANDARDS ENGINEER	DATE			/s/ Richard K. Smutzer	3-01-02	CHIEF HIGHWAY ENGINEER	DATE
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