

**BILL OF MATERIALS
SKEWED STRUCTURES - ONE SLAB**

BRIDGE APPROACH WIDTH	EPOXY COATED REINFORCING BARS			
	LONGIT. BARS, AREA (A)		TRANSV. BARS, AREA (A)	
	NO.	SIZE x LGTH. OR MARK	NO.	SIZE
7200	24	1391	21	#13
	48	1691	11	#16
7600	26	1391	21	#13
	51	1691	11	#16
7800	26	1391	21	#13
	52	1691	11	#16
8200	28	1391	21	#13
	55	1691	11	#16
8800	30	1391	21	#13
	59	1691	11	#16
9400	32	1391	21	#13
	63	1691	11	#16
10000	34	1391	21	#13
	67	1691	11	#16
10600	36	1391	21	#13
	71	1691	11	#16
11200	38	1391	21	#13
	75	1691	11	#16
11800	40	1391	21	#13
	79	1691	11	#16
12100	41	1391	21	#13
	81	1691	11	#16
12400	42	1391	42	#13 *
	83	1691	22	#16 **
13600	46	1391	42	#13 *
	91	1691	22	#16 **

* Bars lapped 480 at centerline of roadway if bar exceeds 12000.
** Bars lapped 610 at centerline of roadway if bar exceeds 12000.

NOTES

- The Bill of Materials shall be used to determine the longitudinal bar requirements in Area (A) shown on Standard Drawing 609-RCBA-04 for skewed structures.
- See the plans for longitudinal bars required in Area (B), all transverse bars, total mass of steel and bridge approach area for skewed structures.
- All reinforcing bars shall be epoxy coated.

All Dimension are in mm unless otherwise specified

INDIANA DEPARTMENT OF TRANSPORTATION

**REINFORCED CONCRETE
BRIDGE APPROACH**

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BRIDGE APPROACH WIDTH	EPOXY COATED REINFORCING BARS			
	LONGIT. BARS, AREA (A)		TRANSV. BARS, AREA (A)	
	NO.	SIZE x LGTH. OR MARK	NO.	SIZE
24'-0	24	491	21	#4
	48	591	11	#5
25'-0	26	491	21	#4
	51	591	11	#5
25'-0	26	491	21	#4
	52	591	11	#5
27'-0	28	491	21	#4
	55	591	11	#5
29'-0	30	491	21	#4
	59	591	11	#5
31'-0	32	491	21	#4
	63	591	11	#5
33'-0	34	491	21	#4
	67	591	11	#5
35'-0	36	491	21	#4
	71	591	11	#5
37'-0	38	491	21	#4
	75	591	11	#5
39'-0	40	491	21	#4
	79	591	11	#5
40'-0	41	491	21	#4
	81	591	11	#5
42'-0	42	491	42	#4 *
	83	591	22	#5 **
44'-0	46	491	42	#4 *
	91	591	22	#5 **

* Bars lapped 1'-7 at centerline of roadway if bar exceeds 40'-0.
** Bars lapped 2'-0 at centerline of roadway if bar exceeds 40'-0.

NOTES

- The Bill of Materials shall be used to determine the longitudinal bar requirements in Area (A) shown on Standard Drawing E 609-RCBA-04 for skewed structures.
- See the plans for longitudinal bars required in Area (B), all transverse bars, total mass of steel and bridge approach area for skewed structures.
- All reinforcing bars shall be epoxy coated.

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