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

1. 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.
2. See the plans for longitudinal bars required in Area (B), all transverse bars, total mass of steel and bridge approach area for skewed structures.
3. All reinforcing bars shall be epoxy coated.

All Dimension are in mm unless otherwise specfied

INDIANA DEPARTMENT OF TRANSPORTATION

REINFORCED CONCRETE BRIDGE APPROACH

MARCH 2004

STANDARD DRAWING NO. 609-RCBA-06

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 3-01-04
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 3-01-04
CHIEF HIGHWAY ENGINEER DATE