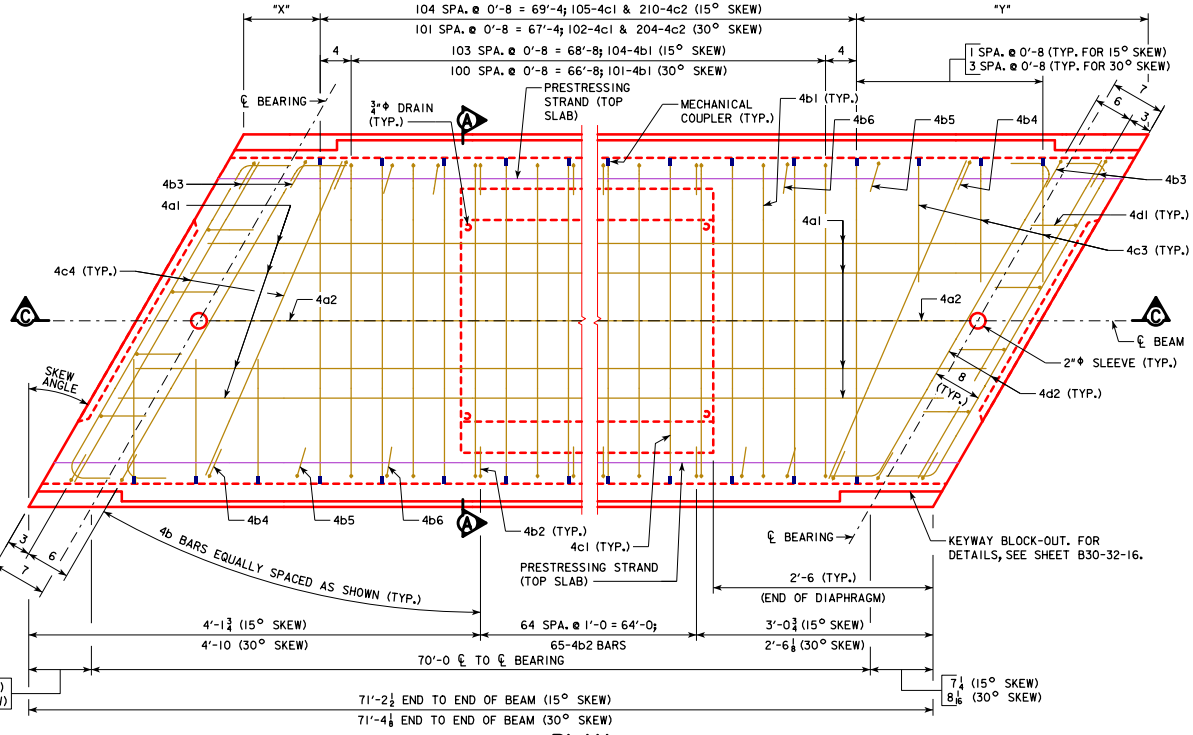


**SECTION A-A**  
 NOTE:  
 OMIT KEYWAY, MECHANICAL COUPLERS, AND 4c2 BARS ON EXTERIOR FACE OF EXTERIOR BEAMS.

TABLE OF DIMENSION DATA				
BEAM LINE	15° SKEW		30° SKEW	
	"x"	"y"	"x"	"y"
A	1 1/2	1'-8 1/2	1 1/4	3'-0 1/4
B	2 3/8	1'-7 1/4	10 1/8	3'-1 1/4
C	3 1/2	1'-7	10 3/8	3'-1 1/2
D	4 3/8	1'-6 1/2	10 3/8	3'-1 1/2
E	5 1/4	1'-5 1/2	10	3'-2 1/4
F	6 1/8	1'-4 3/4	9 1/2	3'-2 3/4
G	7	1'-3 1/2	9 1/2	3'-2 3/4
H	7 1/2	1'-2 3/4	9 1/4	3'-2 1/4

NOTE:  
 FOR BEAM LINE DESIGNATIONS, SEE SHEET B30-06-16.

NOTES:  
 FOR VIEW B-B, SEE SHEET B30-48-16.  
 4a1 AND 4a2 BARS SHALL BE LAP SPLICED 1'-7" MINIMUM AT MIDSPAN.  
 FOR BEAM CHAMFER DETAILS, SEE SHEET B30-33-16.



**PLAN**  
 (30° SKEW SHOWN, 15° SKEW SIMILAR) (INTERIOR BEAM SHOWN, EXTERIOR BEAM SIMILAR)  
 (PRESTRESSING STRANDS IN BOTTOM SLAB AND 4c2 BARS NOT SHOWN FOR CLARITY)

LATEST REVISION DATE	<i>Thomas E. M. Donnell</i>	<b>IOWADOT</b> Highway Division	
	APPROVED BY BRIDGE ENGINEER	STANDARD DESIGN - 30'-0" ROADWAY, SINGLE SPAN	
	DECEMBER, 2016	<b>CONCRETE BOX BEAM BRIDGES</b>	
		<b>33" x 48" x 70'-0" PPCBB DETAILS 15° AND 30° SKEW</b>	<b>B30-50-16</b>