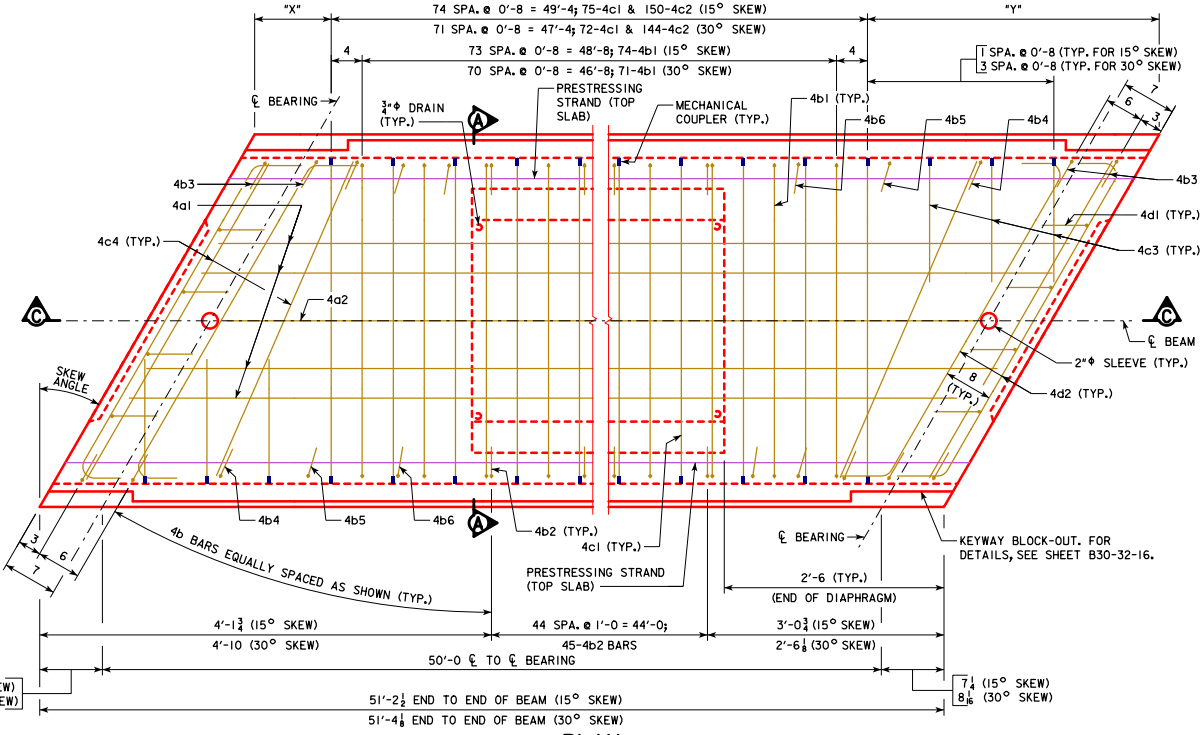


NOTE:  
OMIT KEYWAY, MECHANICAL COUPLERS, AND 4c2 BARS ON EXTERIOR FACE OF EXTERIOR BEAMS.

BEAM LINE	15° SKEW		30° SKEW	
	*x*	*y*	*x*	*y*
A	1 1/4	1'-8 1/2	11 1/4	3'-0 1/4
B	2 3/8	1'-7 1/4	10 3/8	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 1/2
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 1/2

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

NOTES:  
FOR VIEW B-B, SEE SHEET B30-41-16.  
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  
*Thomas E. M. Donnell*  
APPROVED BY BRIDGE ENGINEER

**IOWADOT** Highway Division  
STANDARD DESIGN - 30'-0 ROADWAY, SINGLE SPAN  
**CONCRETE BOX BEAM BRIDGES**  
DECEMBER, 2016  
**27' x 48' x 50'-0 PPCBB DETAILS  
15° AND 30° SKEW** **B30-43-16**