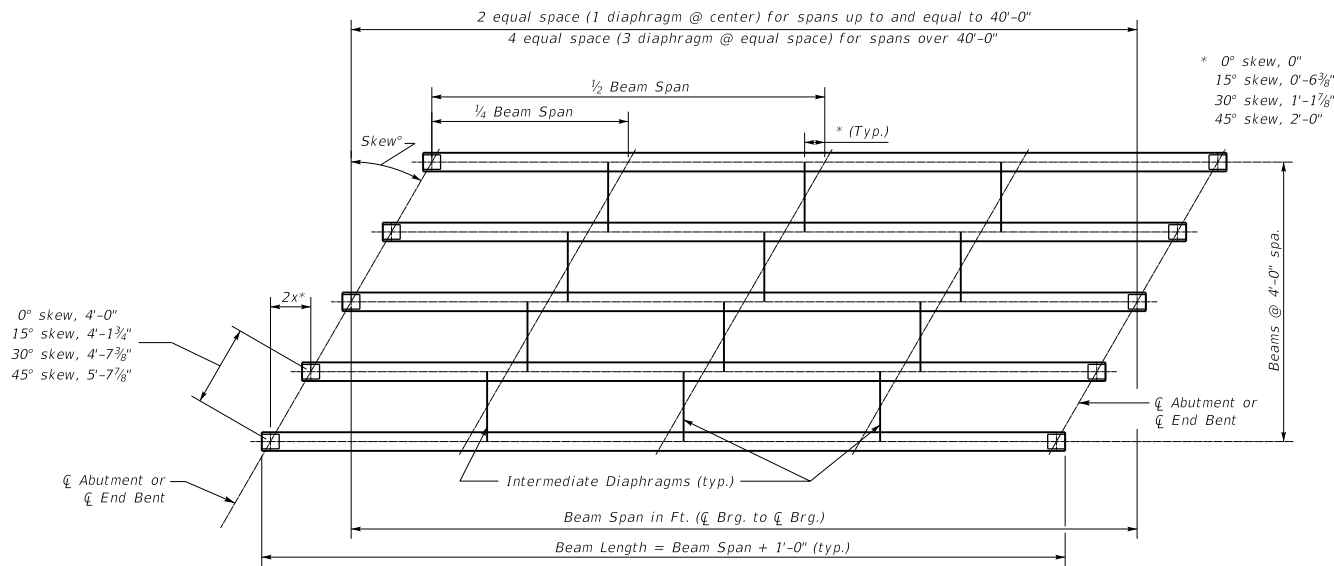
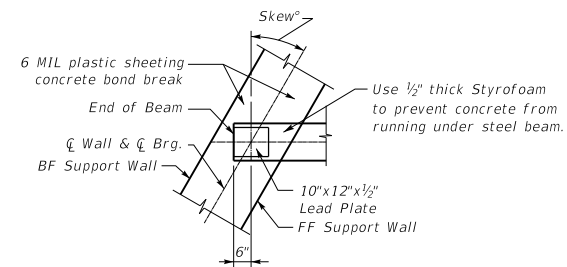




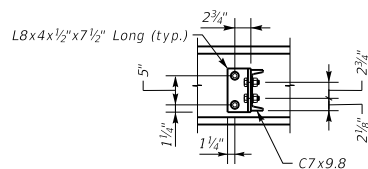
**FRAMING PLAN**

**NOTE:** Place girders with any mill or shop camber bowed up in the middle. Heat cambering is not required.

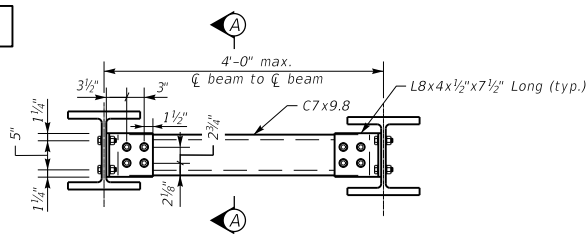


**END OF BEAM DETAIL @ SUPPORTS**

**NOTE:** Use  $\frac{3}{4}$ "  $\odot$  Bolts with  $1\frac{3}{16}$ "  $\odot$  Holes Throughout.

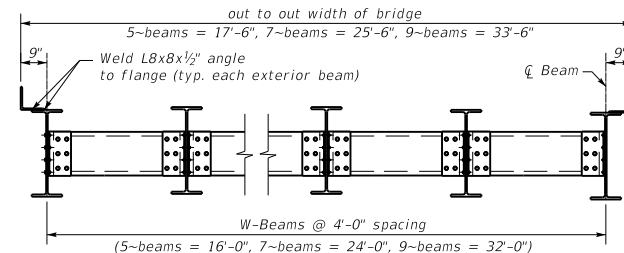


**SECTION A-A**



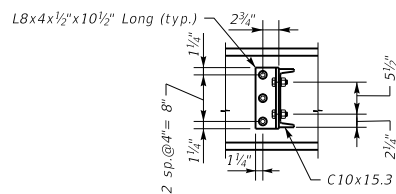
**INTERMEDIATE DIAPHRAGM**

(for up to 14" beam depth)

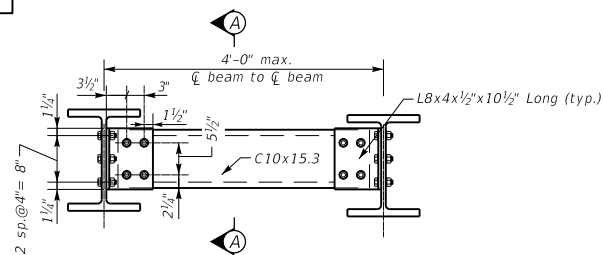


**FRAMING TYPICAL**

**NOTE:** Use  $\frac{3}{4}$ "  $\odot$  Bolts with  $1\frac{3}{16}$ "  $\odot$  Holes Throughout.



**SECTION A-A**



**INTERMEDIATE DIAPHRAGM**

(for up to 20" beam depth)

KENTUCKY  
DEPARTMENT OF HIGHWAYS  
ROLLED STEEL  
DIAPHRAGM  
DETAILS

STANDARD DRAWING NO. BSB-004

SUBMITTED *Barbara* 02-26-20  
DIRECTOR DIVISION OF STRUCTURAL DESIGN DATE

APPROVED *SPB* 02-26-20  
STATE ENGINEER DATE