

FALSEWORK SUPPORT OF OVERHANGS WITH NEEDLE BEAMS

Shown perpendicular to ϕ Proposed Improvements
Phase 1 Bridge (Looking Forward Station)
Phase 2 Bridge (Looking Back Station)

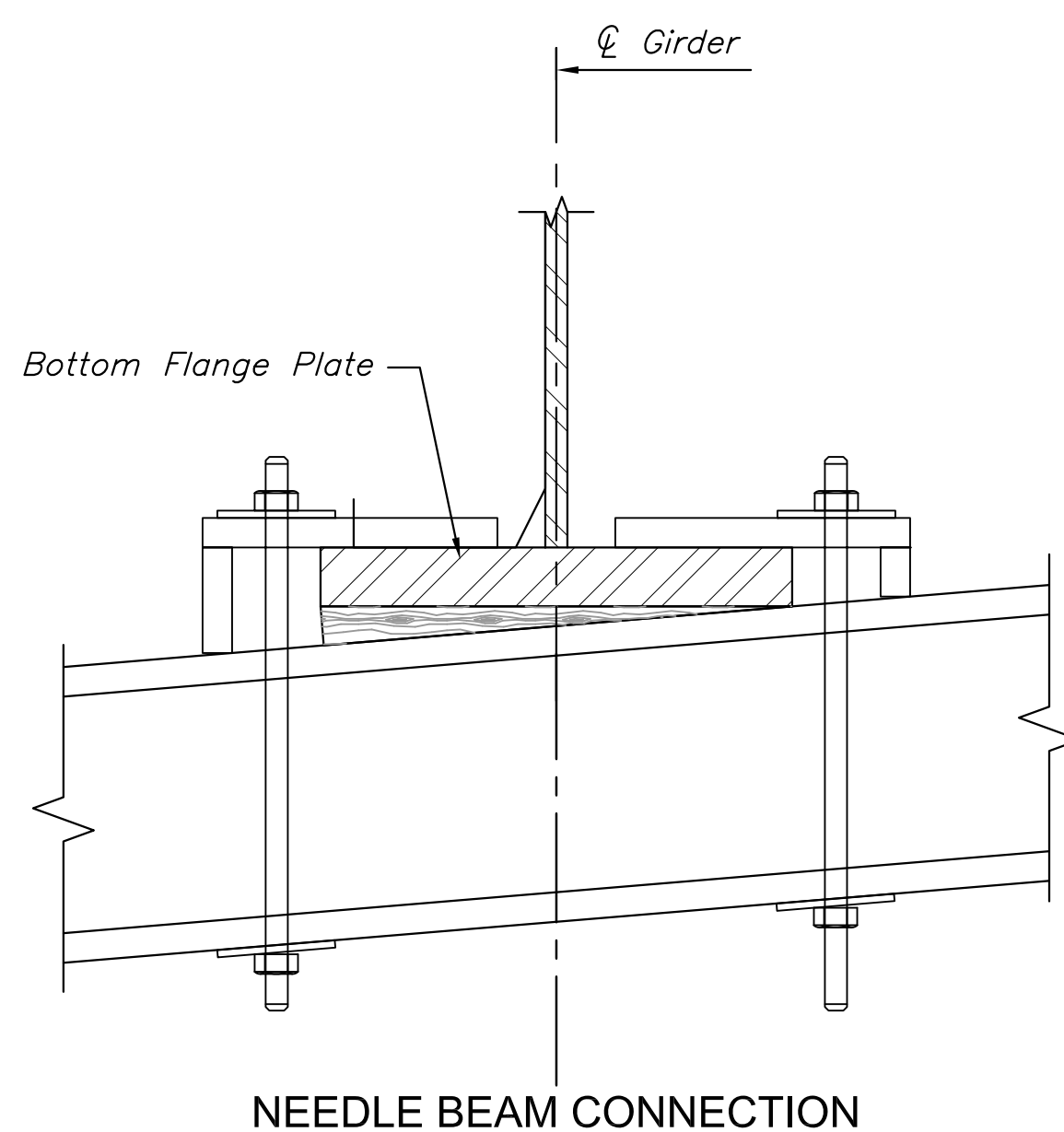
NOTES:

Needle Beam Falsework will be required on this project.

The Contractor shall submit detailed plans for falsework for examination by the Engineer. The falsework plans shall be sealed by a Professional Engineer licensed in the state of Kansas. If such plans are not satisfactory to the Engineer, the Contractor shall make such changes in them as may be required, but it is understood that the Engineer's concurrence in the use of the plans as submitted or corrected shall in no way relieve the Contractor of responsibility for obtaining satisfactory results.

For continuous concrete slab and girder bridges, falsework and forms shall be provided for the full length of each continuous unit and the full width of the structure.

For calculating the strength of falsework, a weight of 150 lbs per cu. ft. shall be assumed for the concrete. The design of the falsework shall take into account the weight of the concrete and also other loads incidental to the construction operations. All falsework shall be designed and constructed to provide the necessary rigidity and to support the imposed loads without appreciable settlement or deformation. The Contractor shall make allowance for the deflection of forms and for shrinkage and settlement of falsework, in addition to the allowance for the amount of dead load deflection and camber shown on the plans. A method satisfactory to the Engineer shall be used to detect any settlement that may occur during the placing of the concrete.



NEEDLE BEAM CONNECTION

©2013
MKEC Engineering
All Rights Reserved
www.mkec.com
These drawings and their contents, including, but not limited to, all concepts, designs, & ideas are the exclusive property of MKEC Engineering (MKEC), and may not be used or reproduced in any way without the express consent of MKEC.

**BRIDGE
FALSEWORK
DETAILS**

PROJECT NO.	87 N-0612-01	
DATE	JULY 2015	
SCALE	NO SCALE	
DESIGNED	DRAWN	CHECKED
KJS	DMU	KJS

NO.	REVISION	DATE

SHEET NO.