

All cross frames between girders shall be installed with erection pins and bolts in accordance with the erection plan approved by the Engineer. Individual cross frames at supports may be temporarily disconnected to install bearing anchor rods. Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2. Fasteners shall be AASHTO MI64 Type 1, mechanically galvanized bolts in painted areas and MI64 Type 3 in unpainted areas. Bolts $7_8$ " $\phi$ , holes $5_6$ " $\phi$ , unless noted otherwise. The calculated deflections of the primary girders/beams under steel self-weight shall be used to detail the diaphragm, cross frame and lateral bracing connections, and to erect the structural steel such that the girders/beams will be plumb within a tolerance of $\pm 1_8$ in. per vertical ft. Throughout when supporting their own weight. The contractor shall either: 1. Ream diaphragm and/or cross frame connection holes during shop assembly, or 2. Provide detailing and fabrication controls acceptable to the Engineer which ensures accuracy such that field reaming will not exceed the amount permitted in Article 505.08(I) of the Standard Specifications. For Bearing Stiffener ft sizes, see Shts. S-55 bru S-63.		
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