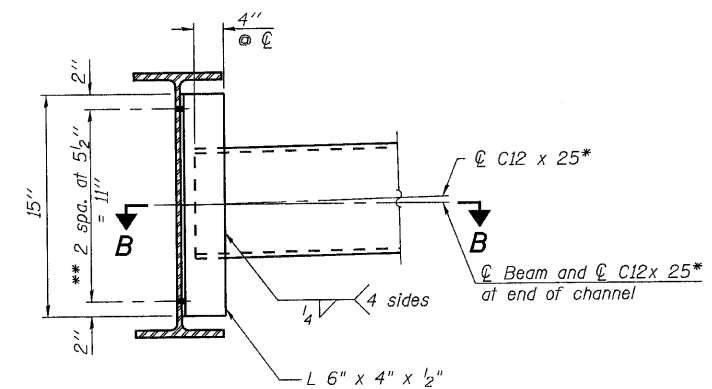


Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2. All cross frames or diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual cross frames or diaphragms at supports may be temporarily disconnected to install bearing anchor rods.

All Splice plates, excluding Filler plates, shall be AASHTO M270 Grade 50.



DIAPHRAGM D
(36 required, each structure)
(72 required, total)

Note:
Two hardened washers required for each set of oversized holes.

* Alternate C12x30 channels are permitted to facilitate material acquisition. Calculated weight of structural steel is based on the lighter section. The alternate, if utilized, shall be provided at no extra cost to the Department.

** $\frac{3}{4}$ " ϕ HS bolts, $\frac{15}{16}$ " ϕ holes

STRUCTURAL STEEL DETAILS
STRUCTURE NO. 081-0190 (WB)
STRUCTURE NO. 081-0191 (EB)