

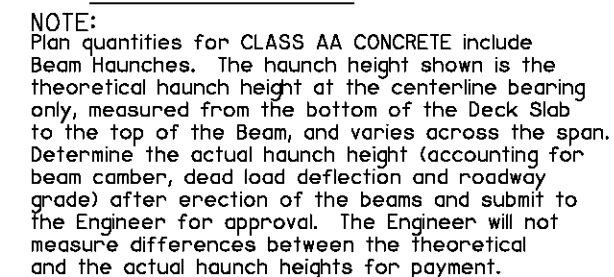


Provide structural steel for Diaphragm Bolts and Plate Washers in accordance with AASHTO M270 (ASTM A709), Grade 50W (Weathering Steel, Charpy V-Notch testing not required). The Contractor may substitute a #10 reinforcing bar in accordance with AASHTO M31, Grade 60, and threaded at the ends as shown for the Diaphragm Bolt at no additional cost to the Department. Provide Hex Nuts in accordance with AASHTO M291 (ASTM A563).

Paint exposed Diaphragm Bolt, Plate Washer and Hex Nut with two (2) coats of zinc-rich paint (6 mil minimum thickness) after assembly. Include all cost of Diaphragm Bolt, Plate Washer and Hex Nut in the contract unit price for STRUCTURAL STEEL.



DETAIL B



OKLAHOMA DEPT. OF TRANSPORTATION
BRIDGE STANDARD (ENGLISH)
TYPICAL CROSS SECTION
TYPE BT-72 AND TYPE J P.C. BEAMS
INTEGRAL

B-62