

## **SECTION 1045 -- STRUCTURAL STEEL**

### **1045.01 -- Description**

Structural steel, unless otherwise specified, shall be furnished in accordance with the general requirements for delivery of structural steel, ASTM A 6/A 6M (Zone 2 requirements).

### **1045.02 -- Material Characteristics**

1. Structural steel shall conform to the requirements shown in the plans or special provisions.
2. Notch toughness is mandatory for structural steel designated in the plans as main tension members. The structural steel shall meet the longitudinal Charpy V-notch tests as specified in the ASTM Nonfracture Critical and Fracture Critical Impact Test Requirement Tables.
3. Sampling and testing procedures shall be in accordance with AASHTO T 243.
4. Impact requirements shall be as shown in the plans or special provisions.

## **SECTION 1046 -- END WELDED STUDS**

### **1046.01 -- Description**

End welded studs shall conform to the requirements of the AWS Standard Specifications.