

Unless otherwise provided, footings will be measured and paid for in accordance with Section 804 and as shown on the Plans.

851.06. BASIS OF PAYMENT.

Accepted sign post, measured as provided above, will be paid for at the contract unit price as follows:

- (A) GALVANIZED STEEL WIDE FLANGE BEAM POSTS LINEAR FOOT (METER)
- (B) GALVANIZED STEEL PIPE POSTS LINEAR FOOT (METER)
- (C) SQUARE TUBE POST LINEAR FOOT (METER)
- (D) FLANGE CHANNEL POSTS LINEAR FOOT (METER)

Such payment shall be full compensation for furnishing all materials, equipment, labor, and incidentals necessary to complete the work as specified.

SECTION 852 OVERHEAD SIGN STRUCTURES

852.01. DESCRIPTION.

This work shall consist of furnishing materials and constructing overhead sign structures on prepared footings in accordance with these Specifications and in reasonably close conformity with the Plans or established by the Engineer.

852.02. MATERIALS.

Materials shall meet the requirements of Section 720. Materials and construction of concrete footings shall conform with Section 804 and as shown on the Plans.

852.04. CONSTRUCTION METHODS.

Requirements for aluminum or steel:

- (a) **Design.** General data for design of overhead sign structures shall be in accordance with the AASHTO Publication Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, or with Oklahoma Department of Transportation Standard drawings.
Shop drawings will be required and shall be approved by the Department prior to fabrication.
- (b) **Welding.** The welding of aluminum shall be in accordance with Subsection 720.03. Qualification of procedures, welders, and welding operations shall be in accordance with Subsection 720.03.
Welding of steel, including qualification of welders, shall conform with the requirements of AASHTO/ANSI/AWS D 1.1.
- (c) **Fabrication.** The structure shall be free from all sharp edges and irregularities and shall be free from any misfits or structural deficiencies. All members must fit and make for an easy and quick erection. Unless otherwise shown on the Plans, all overhead sign structures including bridge mounted structures shall be complete with walkways, handrails, sign lights, electrical conduits, and wiring.

- (d) **Shipping and Erection.** Upright supports and truss structure shall not be delivered to location until such date as the complete structure, including signs, can be erected (not including light fixtures or other components that may be added at a later date).

The structures shall be protected on all surfaces so that no injury or defacement takes place during transporting and erecting.

NOTE: Any structure having injury or defacement which can not be quickly and efficiently regalvanized or metalized in accordance with American Welding Society Standard C2.2-52T-Recommended Practices for Metalizing shall be cause for rejection.

- (e) **Electrical Requirements.** All electrical equipment, materials, and installation methods shall conform to NEC and Section 801.

In the event provisions have not been made for furnishing electrical power at the site, furnish temporary power to demonstrate that all fixtures and equipment are properly installed in accordance with Section 805.

852.05. METHOD OF MEASUREMENT.

Overhead sign structures will be measured by the unit, for the various span lengths, with all appropriate appendages paid for separately: internal walkway and hand rail, external walkway and hand rail, sign lights, electrical conduit, wiring, pull boxes, reinforcing steel in footings and concrete footings. These pay items will be measured and paid for in accordance with Sections 802, 803, 804, 805, and 809 and as shown on the plans.

852.06. BASIS OF PAYMENT.

Accepted overhead sign structures, measured as provided above, will be paid for at the contract unit price as follows:

- (A) ALUMINUM OVERHEAD SIGN STRUCTURES. EACH
- (B) GALVANIZED STEEL OVERHEAD SIGN STRUCTURES EACH
- (C) ALUMINUM OVERHEAD SIGN STRUCTURES-BRIDGE MOUNTED EACH
- (D) GALVANIZED STEEL OVERHEAD SIGN STRUCTURES-BRIDGE MOUNTED EACH
- (E) OVERHEAD SIGN STRUCTURES,
WALKWAY & HANDRAIL LINEAR FOOT (METER)
- (F) UPRIGHTS FOR OVERHEAD SIGN STRUCTURE EACH
- (G) TESTING OF ALUMINUM WELDS LUMP SUM
- (H) REPLACE ALUMINUM TUBING IN
OVERHEAD SIGN STRUCTURE POUND (KILOGRAM)
- (I) ALUMINUM OVERHEAD SIGN STRUCTURE LINEAR FOOT (METER)
- (J) GALVANIZED STEEL OVERHEAD SIGN STRUCTURE LINEAR FOOT (METER)
- (K) REPAIR OVERHEAD SIGN STRUCTURE EACH

Such payment shall be full compensation for furnishing all materials, equipment, labor and incidentals to complete the work as specified.