

ERECT BRIDGE MOUNTED OUTRIGGER SIGN SUPPORT ASSEMBLY

DESCRIPTION

The work covered by this Special Provision shall consist of fabricating, furnishing, and installing Bridge Mounted Outrigger Sign Support Assemblies for Types "E" signs as shown in the plans and as described in these specifications.

All provisions of section 900 of the NCDOT Standard Specifications for Roads and Structures and any existing Special Provisions amending the above Standard Specifications will be applied to all work covered in this Special Provision.

MATERIALS

All materials shall meet the applicable requirements of Division 10 of the NCDOT Standard Specifications for Roads and Structures except as noted below:

Structural steel tubes shall be ASTM A618M steel (galvanized) with a minimum yield strength (F_y) of 345 MPa and a minimum ultimate tensile strength (F_u) of 483 MPa.

Structural steel, except as noted above, shall be ASTM A572M, Grade 50 (galvanized).

All bolts (including anchor bolts), nuts, and washers shall meet the requirements of ASTM A325M-Type 1 and shall be galvanized.

CONSTRUCTION

General:

The contractor shall fabricate, furnish, and install all Bridge Mounted Outrigger Sign Support Assemblies for Type "E" signs as shown in the plans.

Installation:

The contractor shall locate and install these assemblies as shown in the plans. The contractor shall be responsible for the proper elevation, offset, level, and orientation of the sign support assemblies.



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METHOD OF MEASUREMENT

The quantity of Bridge Mounted Outrigger Sign Support Assemblies for Type "E" signs to be paid for will be the actual number of sign support assemblies which have been furnished and installed on bridges and accepted.

BASIS OF PAYMENT

The quantity of Bridge Mounted Outrigger Sign Support Assemblies for Type "E", signs measured as provided for in this Special Provision will be paid for at the contact price per each. Such prices and payments will be full compensation for all work covered by this Special Provision, including but not limited to: furnishing all materials and incidental hardware required to properly fabricate and install the sign support assemblies on the bridges as shown in the plans, and repairing any damage done to the concrete barrier or parapet incidental to the installation of sign support assemblies. Sign erection, the associated sign mounting hardware, and U-channel framing/bracing for connecting the sign panels to the bridge mounted sign support assemblies is not covered by or included in the basis of payment for this item.

Payment will be made under:

Erect Bridge Mounted Outrigger Sign Support Assembly for Type "E" Signs...Each