

ITEM 624

ALUMINUM SIGNS

- 624.1 Description. This Item shall govern for furnishing and/or installing aluminum signs which are of one piece construction, and which may or may not have the face side reflectorized.
- 624.2 Materials. All traffic signs shall be in accordance with the Latest Edition of the "Texas Manual on Uniform Traffic Control Devices for Streets and Highways", Texas Department of Transportation. Detailed drawings of the standard signs illustrated in the manual are available from the Texas Department of Transportation, Austin, Texas 78701-2483.
- Sign blanks shall be aluminum 5052-H 38 alloy, 0.080 inches in thickness and in accordance with Texas Department of Transportation Material Specification DMS-7110, "Aluminum Sign Blanks". All sign face sheeting shall be in accordance with Item 649 "Wide Angle Prismatic Retroreflective Sheeting for Traffic Control Signs (Diamond Grade)" unless otherwise specified.
- 624.3 Fabrication. Sign blanks shall be cut to the proper size and shape as specified in the plans or specifications and shall be free of buckles, warps, burrs, dents, cockles, and other defects resulting from fabrication and shall be essentially a plane surface.
- The sign blanks shall not be handled except by device or clean canvas gloves between all cleaning operations and the application of the reflective material. There shall be no opportunity for the blanks to come in contact with grease, oils or contaminants prior to the application of reflective material. Sign blanks shall be pre-drilled, unless otherwise noted and "radiussed" prior to delivery.
- Sheeting shall be applied to sign faces in conformance with the recommended procedures of the manufacturer of the sheeting. When splicing of sheeting is necessary, the number of splices shall be held to a minimum consistent with the sheeting widths furnished by the manufacturers, and the minimum dimensions for any one piece of sheeting shall be 1'- 0".
- 624.4 Measurement. The majority of aluminum signs will be measured by each unit, of the type specified on the plans. Some projects will require aluminum signs to be measured by the square foot.
- 624.5 Payment. Payment for aluminum signs shall be made of the unit price bid per each unit, which price shall be full compensation for furnishing sheet aluminum sign blanks, fabrication of the sign blanks, treatment of the sign blanks required by the specifications, furnishing and installing reflective sheeting to the sign faces, screening of messages as required, furnishing and installing sign connections, and supports, washing and cleaning the

sign after installation and all incidentals necessary to provide signs completed, erected, and attached to the sign support as specified. Aluminum signs installed temporarily as part of the traffic control plan during construction shall be paid in accordance with Item 671 "Traffic Control". Some projects may require aluminum signs paid for by the square foot.

There are line code(s), description(s), and unit(s) for this Item.

NOTE: This Item requires other Standard Specifications.

Item 649 "Wide Angle Prismatic Retroreflective Sheeting for Traffic Control Signs (Diamond Grade)"
Item 671 "Traffic Control"

END OF ITEM 624