

SECTION 02452

HIGHWAY SIGNS

PART 1 GENERAL

1.01 WORK INCLUDED

- A. Construction of foundations and supports.
- B. Fabricating, assembling, and erecting ground mounted highway signs.

PART 2 PRODUCTS

2.01 ALUMINUM SIGNS

- A. Flat Sheets and Plates
 - 1. Alloy 6061-T6 or 5052-H38 meeting the requirements of ASTM B-209.
 - 2. Size and sheet thickness to be as shown on the drawings.
- B. Mounting Hardware and Fittings: Applicable ASTM standards.

2.02 STEEL SIGNS

- A. Flat Sheet and Plates: ASTM A-36 and ASTM A-123.
- B. Mounting Hardware: ASTM A-307 and ASTM A-153.

2.03 REFLECTIVE SHEETING

- A. AASHTO M-268. Colors shall conform to the current manual of "Uniform Traffic Control Devices".

2.04 FABRICATION

- A. Preparation of sign surfaces, application of reflective sheeting, painting and handling shall conform to the Tennessee Department of Transportation's "Standard Specifications for Road and Bridge Construction".

2.05 SIGN SUPPORTS

- A. Required lengths and weights of posts are shown on the drawings.
- B. Supports shall be one of the following:
 - 1. U-shaped steel posts: ASTM A-499 and ASTM A-123
 - 2. Steel square tube perforated posts: ASTM A-446 and ASTM A-123

3. U-shaped aluminum-alloy posts: ASTM B-221, alloy 6061, T6

PART 3 EXECUTION

3.01 ERECTION

- A. Construct highway signs and devices in accordance with “The Manual on Uniform Traffic Control Devices”, FHWA latest edition.
- B. Construct signs at the locations and within reasonably close conformity to the lines and grades indicated on the Plans or as otherwise directed by the Engineer.

END OF SECTION