

SECTION 10440

STREET SIGNS

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Design.
 - 2. Appurtenances.
 - 3. Placement.

1.2 REFERENCES

- A. Model Traffic Code for Colorado 2010
- B. Manual on Uniform Traffic Control Devices 2009 (MUTCD)
- C. Standard Highway Signs and Markings 2004 and 2012 Supplement
- D. US Department of Transportation, Federal Highway Administration (FHWA)

1.3 SUBMITTALS

- A. Product Data: Submit product information and design.
- B. Manufacturer's Certificate: Certify Products meet or exceed specified requirements.

1.4 QUALITY ASSURANCE

- A. Design and install Street Name Signs in accordance with all applicable Local, State, and Federal Standards.

1.5 QUALIFICATIONS

- A. Manufacturer/Installer: Company specializing in performing work of this section with documented experience.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Signs - General:
 - 1. Blank: Aluminum Blank, 12gauge (.0808") minimum thickness

2. Sheeting: Retroreflective (FHWA-RD-03-081) High Intensity Prismatic ASTM D4956-04 Sheeting Type III or better,
 3. Color: Background and legend per MUTCD.
 4. Size: Determined by Engineer.
- B. Street Name Signs (“D3” MUTCD):
1. Blank: Aluminum Blank, 12gauge (.0808”) minimum thickness
 2. Sheeting: Retroreflective (FHWA-RD-03-081) High Intensity Prismatic ASTM D4956-04 Sheeting Type III or better,
 3. Color: Green background , white legend, white border
 4. Size: Varies. Refer to 2009 MUTCD, Section 2D.43
 5. Design & Lettering: Refer to 2009 MUTCD, Sections 2A.13 and 2D.43
- C. Appurtenances:
1. Upright Post: 12 gauge galvanized steel, square 2 inch x 2 inch, 3/8 inch diameter holes on 1 inch centers all sides
 2. Anchor Post: 12 gauge galvanized steel, square 2 ¼ inch x 2 ¼ inch x 3 foot minimum, 3/8 inch diameter holes on 1 inch centers all sides
 3. Post Cap: Square, 5 ¼ inch length, 90° crosspiece flat blade 1 foot long, aluminum
 4. Bolts, Nuts, and Washers: Galvanizedsteel

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify placement with City Engineer.
- B. Verify locations of underground utilities.

3.2 INSTALLING SIGN

- A. Post Installation- drive anchor post 2 ½ feet minimum into ground. Bolt up right post to anchor post, 2 bolts minimum.
- B. Location and Mounting- MUTCD Part 2.

3.3 STREET NAME SCHEDULES

- A. Lettering Size: 6 inch - Local Roads & Collectors Roads, 8 inch - Arterial Roads.

- B. Placement per Intersection:
1. Local Roads- 1 sign assembly per intersection.
 2. Collector & Arterial Roads- 2 sign assemblies located on opposite corners diagonally across intersection.

END OF SECTION