



**SPECIAL PROVISIONS
FOR
DIMENSIONAL LETTERS**

**Johnson County
STP-U-5557(615)--70-52**

Effective Date

April 20, 2010

THE IOWA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, SERIES OF 2009, ARE AMENDED BY THE FOLLOWING MODIFICATIONS. THESE ARE SPECIAL PROVISIONS AND SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD

SPECIFICATIONS

1 GENERAL GENERAL

1.1 SUMMARY

- A. Related Documents: Provisions established within the General and Supplementary Conditions of the Contract, General Requirements and the Drawings are collectively applicable to this Section.
- B. Section Includes:
 - 1. Interior/exterior dimensional letters of cut metal construction.

1.2 MEASUREMENT AND PAYMENT

- A. Method of Measurement: The Contractor shall measure this item as a portion of the PCC Seatwall Bid Item which is measured by the EACH quantity.
- B. Basis of Payment: Payment for this item will be made as a portion of the PCC Seatwall Bid item, and will include all labor, materials, equipment, and supervision required to furnish and install letters as a part of the construction of the PCC Seatwall.
- C. Unit price for the seatwall shall include labor, materials, equipment, supervision and owner approval of mock up required to furnish and install the letters as a portion of the PCC Seatwall Bid item.

1.3 QUALITY ASSURANCE

- A. Supplier: Obtain all products in this section from a single supplier.
- B. Regulatory Requirements: Products shall meet requirements of the Americans With Disabilities Act Accessibility Guidelines (ADAAG) and local amendments and modifications.
- C. Installer: Installation shall be performed by installer specialized and experienced in work similar to that required for this project.

1.4 SUBMITTALS

- A. Submit in accordance with IDOT general requirements.
- B. Product Data: Submit product data for specified products. Include material details for each sign specified.
- C. Shop Drawings: Submit shop drawings showing layout, profiles, and product components, including dimensions, anchorage, and accessories.
- D. Samples: Submit supplier's standard color chart for selection purposes and selected colors for verification purposes.
- E. Installation: Submit supplier's installation instructions.
- F. Closeout Submittals:
 - 1. Submit operation and maintenance data for installed products, including precautions against harmful cleaning materials and methods.
 - 2. Submit warranty documents specified herein.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Comply with IDOT general requirements.
 - 1. Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.
 - 2. Deliver products in manufacturer's original, unopened, undamaged containers with identification labels intact.
 - 3. Store products protected from weather, temperature, and other harmful conditions as recommended by supplier.
 - 4. Handle products in accordance with manufacturer's instructions.

1.6 WARRANTY

- A. Project Warranty: Comply with IDOT General Requirements.

- B. Manufacturer's Warranty: Submit manufacturer's standard warranty document executed by authorized company official.
 - 1. Warranty Period: One (1) year from product ship date. Warranty specifically excludes letter mounting substrate.

2 PRODUCTS

2.1 SIGNAGE SYSTEMS

- A. Acceptable Manufacturers:
 - 1. ASI Signs, Attn: Bryce Carlson, 3860 W. Northwest Highway, Suite 350, Dallas, TX 75220; (214) 352 9140 telephone; (214) 352 9741 facsimile; (800) ASI-SPEC [274-7446]
 - 2. Nesper Signs, 4620 J st. SW - Cedar Rapids, IA 52404, 319-366-5312, Fax: 319-366-6493
 - 3. Signation Sign Group, attn: Doug Glienke, 6840 Shingle Creek Parkway, #31, Brooklyn Center, MN 55430, Ph: (763) 561-1005 x162, Fx: (763) 561-1004, Cell: (612) 860-7157, www.ssgix.com
- B. Acceptable Product: Series LPS Cut Metal Dimensional Letters.
- C. Material:
 - 1. Aluminum in Color Anodized to Black color
- D. Mounting Method: Projected Stud Mount

2.2 FABRICATION - GENERAL

- A. General: Comply with requirements indicated for materials, thicknesses, finishes, colors, designs, shapes, sizes, and details of construction.
- B. Design, fabricate, and install sign assemblies to prevent buckling, opening up of joints, and over-stressing of welds and fasteners.
- C. Mill joints to a tight, hairline fit. Form joints exposed to the weather to exclude water penetration.
- D. Conceal fasteners if possible; otherwise, locate fasteners where they will be inconspicuous.
- E. Create signage to required sizes and layout. Comply with requirements indicated for design, dimensions, finish, color, and details of construction.

3 EXECUTION

3.1 EXAMINATION

- A. Site Verification of Conditions: Verify installation conditions previously established under other sections are acceptable for product installation in accordance with manufacturer's instructions.
- B. Scheduling of installation by Owner or it's representative implies that substrate and conditions are prepared and ready for product installation. Proceeding with installation implies installer's acceptance of substrate and conditions.

3.2 INSTALLATION

- A. Install product in accordance with supplier's instructions.
- B. Install product in locations indicated using mounting methods recommended by sign manufacturer and free from distortion, warp, or defect adversely affecting appearance.
- C. Install product level, plumb, and at heights indicated.
- D. Install product at heights to conform to Americans with Disabilities Act Accessibility Guidelines (ADAAG) and applicable local amendments and regulations.
- E. Install signs within the following tolerances and in accordance with manufacturer's recommendations:

1. Interior Signs: Within 1/4 inch vertically and horizontally of intended location.
2. Exterior Signs: Within 1 inch vertically and horizontally of intended location.

3.3 CLEANING, PROTECTION, AND REPAIR

- A. Repair scratches and other damage which might have occurred during installation. Replace components where repairs were made but are still visible to the unaided eye from a distance of 10 feet.
- B. Remove temporary coverings and protection to adjacent work areas. Clean installed products in accordance with manufacturer's instructions prior to Owner's acceptance. Remove construction debris from project in accordance with provisions in Division 1.

3.4 SIGN SCHEDULE

- A. Schedule: Refer to Drawings for sizes, locations and layout of signage types, sign text copy, and graphics.

END OF SECTION