

SECTION 10 14 53

TRAFFIC AND REGULATORY SIGNS

Exterior Traffic Control Sign Systems

PART 1 – GENERAL

1.1 SUMMARY

A. Section includes fabrication and installation of traffic and regulatory signage including:

- Traffic control signs
- Parking signage
- Directional roadway signage
- Regulatory signage
- Warning signage
- Site and campus traffic signage

B. Work includes:

- Sign panels
- Reflective graphics
- Posts and structural supports
- Mounting hardware and fasteners
- Foundations and anchorage systems
- Installation instructions

C. Applications include:

- Roadways and parking areas
 - Municipal and government facilities
 - Commercial developments
 - Healthcare and educational campuses
 - Industrial and institutional sites
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1.2 RELATED SECTIONS

- Division 03 – Concrete (footings and foundations)
 - Division 05 – Metal Fabrications
 - Division 10 – Signage
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1.3 REFERENCES

Comply with the following:

Standards

- MUTCD – Manual on Uniform Traffic Control Devices
- ASTM B209 – Aluminum Sheet and Plate
- ASTM A36 – Structural Steel
- ASTM A123 – Zinc (Hot-Dip Galvanizing)

Accessibility

- ADA Standards for Accessible Design (where applicable)
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1.4 SUBMITTALS

A. Product Data

Submit manufacturer's technical literature describing materials, reflective sheeting, and fabrication methods.

B. Shop Drawings

Submit shop drawings indicating:

- Sign dimensions and layouts
- Mounting details
- Post types and sizes
- Installation locations
- Reflectivity classifications

C. Samples

Submit samples of reflective sheeting and finishes when requested.

1.5 QUALITY ASSURANCE

A. Manufacturer Qualifications

Manufacturer shall have minimum five (5) years experience producing traffic signage systems.

B. Regulatory Compliance

All signage shall comply with MUTCD requirements.

C. Single Source Responsibility

Provide traffic signage components from a single manufacturer.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Deliver signage in protective packaging.

B. Store materials in a clean, dry location.

C. Protect reflective surfaces from damage and contamination.

1.7 WARRANTY

Provide manufacturer's standard warranty against defects in materials and workmanship.

PART 2 – PRODUCTS

2.1 MANUFACTURERS

Basis of Design

As indicated on drawings.

Approved Manufacturers

Bronze Memorials, Inc.
7300 Reserve Creek Drive
Port Saint Lucie, Florida 34986
Phone: 772-924-0083
Email: GSA@bronzememorials.net
Website: www.bronzememorials.net

Comparable manufacturers:

- Traffic Signs Corporation
- Vulcan Signs
- Hall Signs
- ATS Traffic
- Compliance Signs

Substitutions shall comply with Division 01.

2.2 MATERIALS

Sign Panels

- Aluminum sheet per ASTM B209
- Thickness as required by MUTCD

Reflective Sheeting

Provide reflective sheeting complying with MUTCD:

- Engineer Grade
- High Intensity Prismatic
- Diamond Grade

As required by project specifications.

2.3 POSTS AND SUPPORTS

- Galvanized steel posts per ASTM A36
- Hot-dip galvanized per ASTM A123

- U-channel, square tube, or round posts

Provide breakaway systems where required by code.

2.4 FABRICATION

- Signs shall be fabricated with rounded corners
 - Pre-punched mounting holes
 - Screen printed or digitally printed graphics
 - Reflective surfaces applied uniformly
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2.5 MOUNTING HARDWARE

- Galvanized steel hardware
 - Anti-theft fasteners where required
 - Hardware compatible with post systems
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2.6 FINISHES

- Reflective coatings per MUTCD
 - Corrosion-resistant finishes
 - UV-stable materials
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PART 3 – EXECUTION

3.1 EXAMINATION

Verify site conditions and installation locations prior to installation.

3.2 INSTALLATION

- Install signage in accordance with MUTCD requirements
 - Align signs with direction of traffic
 - Install at proper heights and offsets
 - Set posts plumb and secure
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3.3 FIELD QUALITY CONTROL

- Verify placement and alignment
 - Confirm reflectivity compliance
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3.4 CLEANING AND PROTECTION

- Clean signage after installation
 - Protect from damage until project completion
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END OF SECTION 10 14 53

APPROVED EQUAL JUSTIFICATION LETTER

DATE: February 17, 2026

RE: **APPROVED EQUAL JUSTIFICATION LETTER**

Matthews International Certifies that Bronze Memorials Inc. is an Approved Equal National Specified Projects Partner — Architectural Bronze Plaques

Specification Section: Division 10 Section 10 14 00 - 10 14 13 - 10 14 16 - 10 14 19 – 10 14 33

Matthews International Certifies that Bronze Memorials Inc. is an Approved Equal National Strategic Projects Partner for — Architectural Bronze Plaques and respectfully submits this Approved Equal Justification as an equal to the specified manufacturer for the above-referenced project. Bronze Memorials Inc. manufactures architectural plaques in compliance with the requirements of Section 10 14 00 and applicable referenced standards. Products meet or exceed the performance, material, and appearance requirements as specified.

Basis of Equality

- Material: Cast bronze alloy meeting ASTM B584 requirements for architectural applications. • Manufacturing: Domestic manufacturing utilizing permanent mold or sand-cast processes appropriate for exterior architectural plaques.
- Thickness & Dimensions: Plaques produced to specified nominal thicknesses, dimensional tolerances, and profiles indicated in contract documents.
- Finish: Standard architectural bronze finishes including satin, brushed, polished, and chemically oxidized finishes, sealed for exterior exposure.
- Graphics: Raised, incised, or etched lettering and graphics meeting specified legibility and durability requirements.
- Installation: Concealed or surface-mounted
- Warranty: equal or greater warranty as specified
- No deviations from the specified requirements are proposed.

This submission is provided in accordance with Division 10 substitution procedures and is intended solely to demonstrate equivalency to the specified product. Products supplied may be accepted as an approval equal without modification to architectural intent.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Sam Liberto". The signature is fluid and cursive, with the first name "Sam" and last name "Liberto" clearly distinguishable.

Sam Liberto
Vice President, Architectural Products Matthews International
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Pittsburgh, PA 15226