



**SPECIAL PROVISION
FOR
ON-CALL CONTRACTING FOR INSTALLATION AND REPAIR OF TRAFFIC SIGNS**

**Statewide
NHSN-000-T(349)--2R-00
NHSN-000-T(350)--2R-00
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**Effective Date
August 20, 2024**

THE STANDARD SPECIFICATIONS, SERIES 2023, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

In addition to the requirements of [Section 2524](#) of the Standard Specifications, the following shall apply.

230212.01 DESCRIPTION.

A. General.

1. This specification covers installation of new Type A and Type B signs, and repair of existing Type A and Type B signs. This work is considered time sensitive. The intent of this work is to expeditiously repair and install Type B signs. While Type B signs are expected to comprise the majority of the work, some supporting work with Type A signs may be necessary.
2. Definitions:
 - Type A sign assembly: One or more Type A signs installed on one or more posts located at the same point. The Type A signs may be directly mounted to the post or mounted to the post with special sign mounting brackets. Concrete footings for the posts are not considered part of the Type A sign assembly.
 - Type B sign assembly: The primary Type B sign, all auxiliary Type B signs and brackets, and the posts. Posts may be either wood, PSST, MASSH-400, or steel breakaway. Concrete footings for the posts are not considered part of the Type B sign assembly.
3. The Engineer reserves the right to make repairs with Iowa DOT forces. However, repairs that have been submitted to the Contractor will not be made by DOT forces, unless such repairs are not completed within 90 calendar days following the work request.

B. Requests for Work.

1. Provide an email address for work requests. Work requests will be initiated by email from the

Traffic and Safety Bureau to the Contractor. These requests will include the following: route number, county, location, direction of travel, and a description of the work needed. If a new sign needs to be fabricated, the Traffic and Safety Bureau will provide the sign design.

2. For work not completed within 90 calendar days following a work request, liquidated damages will be charged in the amount shown on the proposal for each day. Damages will begin to accrue on day 91.

230212.02 MATERIALS.

- A. Provide all materials for the work unless otherwise specified. This includes but is not limited to signs, posts, support angles, mounting clips and fasteners.
- B. Refer to contract documents for additional information.
- C. Apply Article 2524.02 of the Standard Specifications.

230212.03 CONSTRUCTION.

A. General.

1. Schedule work upon receipt of work request. Provide Engineer at least 24 hours' notice of when proposed work will begin.
2. Make field measurements to determine the length of posts required. Before ordering posts, verify with the Traffic and Safety Bureau the correct number and size of posts are used.
3. Routine work includes:
 - a. Removal and installation of Type A and Type B signs. Signs may be mounted on posts, cantilevers, trusses, or bridges.
 - b. Removal and installation of post anchors or footings.
 - c. Removal and installation of posts. Posts may be:
 - Wood
 - Perforated square steel tubing (PSST)
 - MASSH-400
 - Rectangular steel tube (4 inches by 6 inches)
 - Steel breakway
4. Notify Engineer if additional or non-routine work is needed. Such work shall have Engineer's approval before work may begin.
5. Remove and dispose of old or damaged materials. Leave work site in a safe and orderly condition at completion of work. Materials removed as part of routine work shall become property of the contractor.
6. Maintain a log of work. Provide Engineer a copy of log at the end of the contract period, and at any time upon request. Log shall include:
 - Date and time of work request,
 - Department personnel requesting repair,
 - Route number, county, location, and direction of travel for the work.
 - Date and time work was completed,
 - Number and type of sign assemblies removed,
 - Number of footings removed,
 - Number and type of anchors or footings installed,
 - Number of and type of lineal feet of posts installed,

- Square feet of Type A signs installed,
 - Square feet of Type B signs installed,
 - Number and type of signs removed and reinstalled.
7. Traffic control for lane closures and shoulder closures shall be according to the Standard Road Plans included in the contract documents. Remove closures following completion of work.
 8. When shop drawings are required, the Traffic and Safety Bureau will attempt to review and transition shop drawings within 5 business days. Shop drawings not transitioned within that timeframe will result in additional calendar days being added to the work request.

230212.04 METHOD OF MEASUREMENT.

- A. Removal of Concrete Footings of Highway Signs.**
By count for each concrete footing of highway sign removed. This includes PSST footings with concrete, MAASH 400 footings, and break away steel post footings.
- B. Remove and Reinstall Sign.**
By count for each sign removed and reinstalled.
- C. Removal of Type A Sign Assembly.**
By count for each Type A sign assembly removed.
- D. Removal of Type B Sign Assembly.**
By count for each Type B sign assembly removed.
- E. Concrete Footing for Breakaway Sign Post 2'-8" Dia. X 7'-6".**
Per Article 2524.04 of the Standard Specifications.
- F. Concrete Footing for Breakaway Sign Post 2'-8" Dia. X 9'-0".**
Per Article 2524.04 of the Standard Specifications.
- G. Perforated Square Steel Tube Posts.**
Per Article 2524.04 of the Standard Specifications.
- H. Perforated Square Steel Tube Post Anchor, Triangular Slip Base Assembly.**
Per Article 2524.04 of the Standard Specifications.
- I. Steel Breakaway Sign Posts for Type A or B Signs, W 8 x 21.**
Per Article 2524.04 of the Standard Specifications.
- J. Steel Breakaway Sign Posts for Type A or B Signs, W 12 x 26.**
Per Article 2524.04 of the Standard Specifications.
- K. Type A Signs, Sheet Aluminum.**
Per Article 2524.04 of the Standard Specifications.
- L. Type B Signs, Extruded Aluminum Structural Panel.**
Per Article 2524.04 of the Standard Specifications.
- M. Traffic Control for On-Call Installation and Repair of Traffic Signs.**
By count for work. This item shall be for each work zone setup required for repairs.
- N. Mobilization, On-Call, for On-Call Installation and Repair of Traffic Signs.**
By Count

O. MASSH-400 Sign Post.

By count for each installation installed (includes both footing and post)

P. Overlay Type B Guide Signs.

Per square foot of overlay installed.

230212.05 BASIS OF PAYMENT.

[Article 1109.14, C, 4, b](#), of the Standard Specifications will not apply to items on this contract.

A. Removal of Concrete Footings of Highway Signs.

Payment is full compensation for furnishing all material, equipment, and labor for the performance of all work necessary for removal of the concrete footings from the project and for any backfilling made necessary by these operations.

B. Remove and Reinstall Sign.

Payment is full compensation for furnishing all material, equipment, and labor for the performance of all work necessary for removal and reinstallation of each Type A sign, including all details necessary to provide the Type A sign complete and erected in place. This includes all necessary mounting hardware, including nuts, bolts, washers, clips, angles, brackets, and all other structural mounting hardware.

C. Removal of Type A Sign Assembly.

Payment is full compensation for furnishing all material, equipment, and labor for the performance of all work necessary for removal of the Type A sign assembly from the project and for any backfilling made necessary by these operations.

D. Removal of Type B Sign Assembly.

Payment is full compensation for furnishing all material, equipment, and labor for the performance of all work necessary for removal of the Type B sign assembly from the project and for any backfilling made necessary by these operations.

E. Concrete Footing for Breakaway Sign Post 2'-8" Dia. X 7'-6".

Per Article 2524.05 of the Standard Specifications.

F. Concrete Footing for Breakaway Sign Post 2'-8" Dia. X 9'-0".

Per Article 2524.05 of the Standard Specifications.

G. Perforated Square Steel Tube Posts.

Per Article 2524.05 of the Standard Specifications.

H. Perforated Square Steel Tube Post Anchor, Triangular Slip Base Assembly.

Per Article 2524.05 of the Standard Specifications.

I. Steel Breakaway Sign Posts for Type A or B Signs, W 8 x 21.

Per Article 2524.05 of the Standard Specifications.

J. Steel Breakaway Sign Posts for Type A or B Signs, W 12 x 26.

Per Article 2524.05 of the Standard Specifications.

K. Type A Signs, Sheet Aluminum.

Per Article 2524.05 of the Standard Specifications.

L. Type B Signs, Extruded Aluminum Structural Panel.

Per Article 2524.05 of the Standard Specifications.

M. Traffic Control for On-Call Installation and Repair of Traffic Signs.

Each. This item includes all work necessary to set up, maintain and take down traffic control for a work zone setup per the restrictions noted on the traffic control plan sheets. This bid item is intended for work requiring the closure of shoulders and/or lanes and may include overhead truss work.

N. Mobilization, On-Call, for On-Call Installation and Repair of Traffic Signs.

Each. One payment for work done at each interchange or intersection. All signs associated with one interchange or intersection are considered one mobilization. For work not associated with an intersection or interchange, one payment will be made for each sign location. For all work that does not require a lane or shoulder closure, traffic control shall be incidental to Mobilization, On-Call.

O. MASSH-400 Sign Post.

Each. Payment is full compensation for furnishing, fabricating, and installing the post, anchor, slip base hardware, concrete footing, and any other details necessary to provide the post, and concrete footing complete and erected in place.

P. Overlay Type B Guide Signs.

Per square foot of sign overlay supplied and installed.