



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

June 7, 2005

SUBJECT: Various Routes
Section STWDE FRWY SIGN MAINT 2005-06
Various Counties
Item No. 232, June 17, 2005 Letting
Contract 44868
Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Revised Pages i,ii, and 4 -7 of the Special Provisions.

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

Michael L. Hine
Engineer of Design
and Environment

A handwritten signature in black ink, appearing to read 'Ted B. Walschleger' followed by 'P.E.'.

By: Ted B. Walschleger, P. E.
Engineer of Project Management

cc: Joe Hill
Roger Driskell
Jim White
Design & Environment File

DB:vp

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FINAL CLEANING UP

The final cleaning up shall conform to the requirements set forth in Article 104.06. Each time the Contractor accomplishes work at any location, he will be required to clean up the work area before payment for that work will be submitted.

All costs due to compliance with this Special Provision will be incidental to the contract and no additional compensation will be allowed.

TRAFFIC CONTROL AND PROTECTION

The Contractor shall arrange his work in such a manner so as to keep interruptions to traffic flow at a minimum.

Traffic control and protection shall conform to Article 107.09 and Section 701 and to the following standards as required by the Engineer.

Standards 702001, 701006, 701101, 701106, 701201, 701301, 701400, 701401, 701406,
701411
District 1 Shoulder Closures & Partial Ramp Closures

Directional Indicator barricades shall be used as described in the Supplemental Specifications.

Conformance to the traffic control and protection standards will not be paid for as a separate item, but will be considered incidental to the various contract items and no additional compensation will be allowed.

ARROW BOARDS

A flashing arrow board meeting the requirements of the Standard Specifications shall be operating at all times when a lane is closed to traffic on a multilane highway. Arrow boards shall be provided and located in a head-on position within each lane closure taper. The cost of furnishing and operating arrow boards will be considered incidental to the contract.

FURNISH AND ERECT SIGN PANEL

This work shall consist of furnishing and erecting an extruded sign panel, or a portion thereof, complete with reflectorized sign face, legend, and supplemental panels or plates, on existing sign support(s) at the location(s) specified in the work order. The type, size, and content of legend requirements will be as specified below or in the work order.

The aluminum extrusions shall conform to the requirements of Section 1090. Where applicable, sheeting specification in this contract supersedes the Standard Specifications for Road and Bridge Construction Section 1091.02(a), Table 1091-2 and Article 1092.02.

All reflectorized signs and supplemental panels shall be fabricated using faces of ASTM D-4956-04 Type III or better reflective sheeting. The legend on guide signs and supplemental signs, including shields, shall be fabricated using ASTM D-4956-04 Type IX sheeting. Demountable sign legend will not be required as stated in Article 1092.02. Legend shall be direct applied to the extrusions and bid accordingly. This shall include mainline, ramp, crossroad interchange approach directional signing, route markers and all signs within the interchange. The signs shall be fabricated such that the copy or text will be applied in the preferred orientation for the maximum angularity per the manufacturer's recommendation. Background sheeting and legend shall be provided by the same manufacturer.

Where applicable this contract supersedes Articles 1091.02(a), Table 1091-2 and 1092.02 in the Standard Specifications for Road and Bridge Construction.

This specification shall apply to all colors of sheeting used in this contract.

For existing signs that require the replacement of some of the existing extrusions due to damage, the replacement extrusion sheeting shall be of the same type of sheeting as the existing sign. This information shall be included on the work order.

Stainless steel post clips shall conform to ASTM 276, Type 304. A flat washer shall be used under each nut to prevent gouging of the clip. Stainless steel bolt, nuts and washers for fastening extruded aluminum sign panels to supports shall conform to ASTM A 276, Type 304. Nuts shall conform to ASTM A 194 Grade 8 and be of the self - locking type. Washers shall conform to ASTM A 240, Type 304.

This work will be measured for payment in square feet from edge-to-edge (horizontally and vertically).

The Contractor shall package all signs so as to prevent damage during shipment.

This work will be paid, for at the contract unit price per square foot, for FURNISH AND ERECT SIGN PANEL. This price shall include, furnishing all materials, fabricating the sign panel (including sign face and sign legend), furnishing all mounting hardware (including any 4WF1.79 sign brackets required for overhead sign structure mounting) and installing the sign panel on previously erected sign supports or sign structure and removing any existing sign panel(s) as required for the proper installation of the new panel(s). Removal of any existing sign panel(s) will be paid for according to REMOVE EXISTING SIGN PANEL.

FURNISH SIGN PANEL REFLECTORIZED

This work shall consist of furnishing an extruded sign panel, or a portion thereof, according to "FURNISH AND ERECT SIGN PANEL", except the sign panel shall be delivered to the location(s) specified in the work order. The type, size, content of legend, and supplemental panels or plates required will be as specified in the work order.

The Contractor shall package all signs so as to prevent damage during shipment. All mounting hardware necessary shall be furnished in rigid boxes or heavy burlap bags that shall not rupture during handling.

All signs and sign sections shall be identified on the outside of the packing by the work order number and sketch of the sign message.

This work will be paid for, at the contract unit price per square foot, for FURNISH SIGN PANEL REFLECTORIZED. This price shall include, furnishing all materials, fabricating the sign panel, (including sign face and sign legend), furnishing all necessary post clips and delivery to the location(s) specified in the work order.

SIGN PANEL OVERLAY

This work shall consist of removing the demountable legend from overhead and ground-mounted signs and overlaying the signs with new sign faces and legend. Overhead sign panels shall be taken down prior to removing the legend. Ground-mounted sign panels may be taken down or the required work may be done in place. Individual signs shall not be out of service for longer than 6 consecutive hours unless otherwise extended in the work order. All reflectORIZED signs and supplemental panels shall be fabricated using faces of ASTM D-4956-04 Type III or better reflective sheeting. The legend on guide signs and supplemental

signs, including shields, shall be fabricated using ASTM D-4956-04 Type IX sheeting. Legend shall be direct applied per the manufacturer's recommendations. This shall include mainline, ramp, crossroad interchange approach directional signing, route markers and all signs within the interchange. The signs will be fabricated such that the copy or text will be applied in the preferred orientation for the maximum angularity per the manufacturer's recommendation. Background sheeting and legend shall be provided by the same manufacturer.

This specification shall apply to all colors of sheeting used in this contract.

The sheeting shall be applied to sheet aluminum overlay panels in accordance with Section 721 except that the aluminum shall be at least 2-mm (0.08) inches thick.

The sign panel overlay shall be installed in accordance with the requirements of Article 721.03.

The legend shall conform as stated in "FURNISH AND ERECT SIGN PANEL". Direct Applied Legend shall be of the type as stated in "FURNISH AND ERECT SIGN PANEL" or as specified in the work order. Any sign panel, which is removed for overlaying shall be rigidly braced on the backside so that the panel cannot flex and damage the overlay while being reinstalled.

Unless otherwise noted, the replacement legend shall be the same size and shall be spaced the same as that on the existing sign. The Contractor shall be responsible for the correct spacing of any revised legend in accordance with general freeway signing practices.

The overlay will be measured in square feet of sign panel actually covered and paid for at the contract unit price per square foot for SIGN PANEL OVERLAY. This price shall be payment in full for removal and subsequent reinstallation of existing sign panels, removal of existing sign legend, cleaning the sign face, tightening all bolts holding extrusions together, and installing the overlay and legend of the type specified on the work order. Replacement of any sign panel hardware broken during removal of a sign panel will be considered as incidental.

LOGO SIGNING

This work shall consist of installing LOGO service signing along the Interstate. Typical layouts and sign designs are shown in the plans. Specific details and locations will be described in the work order(s).

This work shall be according to "Furnish and Erect Sign Panel".

No mounting on bridges or overhead sign structures will be required for this pay item. **The supplemental business LOGO panels and mileage plates will be furnished by others and made available to the Contractor at the appropriate District Sign Shop or at a location agreed upon by the Contractor and Engineer.** The supplemental panels and plates will be riveted onto the main sign panel as shown in the work order(s). In addition to the holes in the sign panel, necessary to install the supplemental panels and plates, the Contractor shall also drill the upper left hole for all other possible supplemental business LOGO panels. (This is to facilitate spacing of future LOGO panels.)

Stainless steel post clips shall conform to ASTM 276, Type 304. A flat washer shall be used under each nut to prevent gouging of the clip. Stainless steel bolt, nuts and washers for fastening extruded aluminum sign panels to supports shall conform to ASTM A 276, Type

04. Nuts shall conform to ASTM A 194 Grade 8 and be of the self – locking type. Washers shall conform to ASTM A 240, Type 304.

This work will be paid for at the contract unit price per square foot for FURNISH AND ERECT SIGN PANEL – LOGO. This price shall include furnishing all materials, fabricating the sign panel (including sign face and sign legend), furnishing all mounting hardware, installing all supplemental LOGO panels and mileage plates, and installing the sign panel on previously erected sign supports.

The steel supports and concrete foundations for logo sign panels will be paid for under STRUCTURAL STEEL SIGN SUPPORT-BREAKAWAY, STRUCTURAL STEEL SIGN SUPPORT-BREAKAWAY COUPLING TYPE, and CONCRETE FOUNDATIONS respectively.

INSTALL SERVICE SIGN OR MILEAGE PLATE

This work shall consist of installing a service plate advertising gas, food, lodging, or camping business establishment or a mileage plate **on a previously erected business logo panel**. The service plates are fabricated from flat sheet aluminum and will be furnished predrilled by the business establishments and made available to the Contractor at the District Sign Shop where work is being performed or at such other location agreed upon by the Engineer and the Contractor.

Mileage plates are fabricated from flat sheet aluminum and will be furnished predrilled by the District Sign Shop and made available to the Contractor at the District Sign Shop where work is being performed or at such other location agreed upon by the Engineer and the Contractor.

The plates shall be installed using 5 mm (3/16-inch) aluminum rivets with 3 mm (0.125 inch) to 6 mm (0.250 inch) grip range to fully penetrate the sign panel extrusions and firmly attach the plates. Any plate damaged by the Contractor shall be replaced in exact kind at no cost to the Department. The business logo panel shall not be removed when installing a service or mileage plate. **A minimum of six plates will be installed or removed on each work order calling for this pay item when the installation of service signs or mileage plates is the only work to be done.**

This work will be paid for at the contract unit price each for INSTALL SERVICE OR MILEAGE PLATE, which price shall include payment in full for installing a service or mileage plate on a previously erected business logo panel.

REMOVE SERVICE SIGN OR MILEAGE PLATE

This work shall consist of removing an existing service plate advertising a business establishment or a mileage plate from a previously erected business logo panel.

Extreme care shall be taken not to damage or mar the plate in any way. Any plate damaged by the Contractor shall be replaced in exact kind at no cost to the Department. The plates shall be delivered to the District Sign Shop where work is being performed or at such other location agreed upon by the Engineer.

A minimum of six plates will be removed on each work order calling for this pay item when the removal of existing service signs or mileage plates is the only work to be done.

This work will be paid for at the contract unit price each for REMOVE SERVICE OR MILEAGE PLATE, which price shall include payment in full for removing a service or mileage plate from a previously erected business logo panel.