

**INDEX  
FOR  
SUPPLEMENTAL SPECIFICATIONS  
AND RECURRING SPECIAL PROVISIONS  
Adopted January 1, 2013**

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS and frequently used RECURRING SPECIAL PROVISIONS, and LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS.

**ERRATA Standard Specifications for Road and Bridge Construction (Adopted 1-1-12)  
(Revised 1-1-13)**

**SUPPLEMENTAL SPECIFICATIONS**

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## **SPECIAL PROVISIONS**

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2007 (hereinafter referred to as the "Standard Specifications"); the latest edition of the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways" in effect on the date of invitation for bids; and the "Supplemental Specifications and Recurring Special Provisions," adopted January 1, 2010 indicated on the Check Sheet included herein; all of which apply to and govern the construction of 2015 HMA Surface Removal and Replacement for the City of Zion, Illinois, Section No. 15-00000-00-GM.

These special provisions included herein apply to and govern the proposed improvement designated as MFT Section 15-00000-00-GM, 2015 HMA Surface Removal and Replacement and in case of conflict with any part or parts of said specifications, said special provisions shall take precedent and shall govern.

### **Location of Improvement**

These improvements are located at various locations throughout the City of Zion, Lake County, Illinois.

### **Description of Improvement**

The proposed work includes 2 inch depth removal of the existing asphalt and replacing with HMA surface course.

### **DEFINITION OF TERMS**

In addition to the definitions included in Section 101 of the "Standard Specifications for Road and Bridge Construction", the following should be added:

Engineer - shall be the City of Zion.

City- shall be the City of Zion.

Owner- shall be the City of Zion.

Municipality- shall be the City of Zion.



### **INSURANCE REQUIREMENTS**

The Contractor shall follow Section 107 of the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction. The insurance shall also name the City of Zion as additional insured.

### **MAINTENANCE OF EXISTING UTILITIES**

The Contractor shall be responsible for interference with or damage to any existing utilities, such as water mains, sewers, gas mains, cable, conduit, etc., and shall repair or replace same at his own expense and with the least possible delay. The Contractor shall give prior notification to the utility companies of his intention to begin work. He shall also call J.U.L.I.E. at 1-800-892-0123 and the City to mark the location of underground utilities.

### **REDUCTION IN SCOPE OF WORK**

Due to budgetary constraints, the City may reduce or add quantities to the bid:

No compensation will be allowed to the contractor for decrease in quantities and anticipated profits.

### **HOT-MIX ASPHALT SURFACE REMOVAL**

Description. This work shall consist of removal and satisfactory disposal of all existing pavement in accordance with Section 440 of the Standard Specifications, except the depth of milling shall be the specified depth from the existing pavement grade. The grindings shall be removed from site.

Method of Measurement and Basis of Payment. This work shall be measured and paid for at the contract unit price per square yard for HOT -MIX ASPHALT SURFACE REMOVAL, 2" of the depth specified which shall include the removal and disposal of the material, all necessary machinery and equipment to complete the specified work. **This also includes preparing the milled area for HMA surface course, including a clean surface and bituminous materials tack coat applied at a rate of 0.10 GAL/SQ-YD.**

The Contractor shall pave all areas within 48 hours of pavement removal. If the Contractor fails to complete this, a \$500.00 per calendar day fee will be assessed from the Contractor's next pay request.

### **TRAFFIC CONTROL AND PROTECTION**

The Traffic Control and Protection shall meet the requirements of Article 701, Work Zone Traffic Control and Article 702, Work Zone Traffic Control Devices of the Standard Specifications for Road and Bridge Construction adopted January 1, 1997.

"701.01 Description" shall be replaced with the following:

#### 701.01 Description

This item of work shall include furnishing, installing, maintaining, replacing, relocating and removing all traffic control devices used for the purpose of regulating, warning or directing traffic during the construction or maintenance of this improvement.

Traffic Control and Protection shall be provided as called for in the Plans, these Special Provisions, applicable Highway Standards, applicable sections of the Standard Specifications, or as directed by the Engineer.

The governing factor in the execution and staging of work for this project is to provide the motoring public with the safest possible travel conditions along the roadway through the construction zone. The Contractor shall arrange his operations to keep the closing of any lane of the roadway to a minimum.

Traffic Control Devices include signs and their supports, signals, pavement markings, barricades with sand bags, channelized devices, warning lights, arrow boards, flaggers, or any other device used for the purpose of regulating, detouring, warning or guiding traffic through or around the construction zone.

"701.04 General," section "(b)" paragraph 4 shall be replaced with the following:

The Contractor is required to conduct routine inspections of the work site at a frequency that will allow for the timely replacement of any traffic control device that has become displaced, worn or damaged to the extent that it no longer conforms to the shape, dimensions, color and operational requirements of the MUTCD, the Traffic Control Standards or will no longer present a neat appearance to motorists. A sufficient quantity of replacement devices, based on vulnerability to damage, shall be readily available to meet this requirement.

The Contractor shall be responsible for the proper location, installation and arrangement of all traffic control devices. Special attention shall be given to advance warning signs during construction operations in order to keep lane assignments consistent with barricade placement at all times. The Contractor shall immediately remove, cover or turn from view of the motorists all traffic control devices which are inconsistent with detour or lane assignment patterns and conflicting conditions during the transition from one construction stage to another. When the Contractor elects to cover conflicting or inappropriate signing, materials used shall totally block out reflectivity of the sign and shall cover the entire sign. The method used for covering the signing shall meet with the approval of the Engineer.

The Contractor shall coordinate all traffic control work on this project with adjoining or overlapping projects, including barricade placement necessary to provide a uniform traffic detour pattern. When directed by the Engineer, the Contractor shall remove all traffic control devices which were furnished, installed and maintained by him under this contract, and such devices shall remain the property of the Contractor. All traffic control devices shall remain in place until specific authorization for relocation or removal is received from the Engineer.

The Contractor shall ensure that all traffic control devices installed by him are operational, functional and effective 24-hours a day, including Sundays and holidays.

"701.04 General" shall be modified by adding the following section:

(G) PUBLIC SAFETY AND CONVENIENCE:

The Contractor shall provide a telephone number where a responsible individual can be contacted on a 24-hour a day basis to receive notification of any deficiencies regarding traffic control and protection. The Contractor shall dispatch men, materials, and equipment to correct any such deficiencies. The Contractor shall respond to any call from the City or its representative concerning any request for improving or correcting traffic control devices and begin making the requested repairs within two hours from the time of notification.

Personal vehicles shall not park within the right-of-way except in specific areas designated by the Engineer. All roads shall remain open to traffic, the Contractor, may close one lane due to construction only between the hours of 7:00a.m. and 3:00 p.m. on two lane roads, and shall maintain at least one lane in each direction on four or more lane roads, during the construction of this project. The Contractor shall also maintain entrances and side roads along the proposed improvement. Interference with traffic movements and inconvenience to owners of abutting property and the public shall be kept to a minimum. Any delays or inconveniences caused by the Contractor by complying with these requirements shall be considered as incidental to the contract and no additional compensation will be allowed.

On two lane roads, the Contractor is to plan his work so that there will be no open holes in the pavement and that all barricades will be removed from the pavement during non-work hours.

On four or more lane highways, there shall be no open holes in the pavement being used by the traveling public. Lane closures, if allowed, will be in accordance with the applicable standards, any staging details shown in the plans and other applicable contract documents.

The Contractor shall remove all equipment from the shoulders and medians after work hours. No road closures or restrictions shall be permitted except those covered by Standard Designs without written approval by the Engineer.

"701.04 General" shall be modified by adding the following section:

(H) DEFICIENCY CHARGE:

The primary concern of the City is to maintain a safe travel way for the public and a safe Environment for the worker in the construction zone. The Contractor is expected to comply with the Standard Specifications, contract plans, these Special Provisions, and directions from the Engineer concerning traffic control protection. The Contractor shall provide a telephone number where a responsible individual can be contacted on a 24-hour a day basis to receive notification of any deficiencies regarding traffic control and protection. The Contractor shall immediately respond correcting traffic control deficiencies by dispatching men, materials and equipment to correct such deficiencies.

If the Contractor fails to begin corrections to the traffic control deficiencies within two (2) hours of the initial attempt of notification by the City or its representative or fails to restore the traffic control and protection compliance with the specifications within eight (8) hours of the original attempt of notification, the Engineer may execute such work as deemed necessary to correct the deficiencies. The cost thereof shall be deducted from monies due or which may be due the Contractor.

Failure to comply with directions from the Engineer for corrections or modifications to the traffic control and protection will result in a charge of \$500.00 per calendar day. This charge is separate from the cost of any corrective work ordered. The contractor shall not be relieved of any contractual responsibilities by the City's action.

"701.07 Method of Measurement" is replaced in its entirety by the following:

#### 701.07 METHOD OF MEASUREMENT

These items of work will not be measured but considered incidental to the project.

"701.08 Basis of Payment" is replaced in its entirety by the following:

#### 701.08 BASIS OF PAYMENT

This work will not be paid for but considered incidental to the contract which shall include and work necessary to furnish, install, maintain, replace, relocate and remove all traffic control devices indicated in the Plans and Specifications.

The salvage value of the materials removed shall be reflected in the bid price for this item. Delays to the Contractor caused by complying with these requirements will be considered incidental to the item for Traffic Control and Protection, and no additional compensation will be allowed.

If the Engineer, shall require additional traffic control to be installed in accordance with standards and/or designs other than those included in the Plans. The standards and/or designs will be made available to the Contractor at least one week in advance of the change in traffic control. Payment for any additional traffic control required will be in accordance with Article 109.04 of the Standard Specifications. Revisions in the phasing of construction or maintenance operations, requested by the Contractor, may require traffic control to be installed in accordance with standards and/or designs other than those included in the plans. Revisions or modifications to the traffic control shown on the contract shall be submitted by the Contractor for approval by the Engineer. No additional payment will be made for a Contractor requested modification. In the event the sum total value of all work items for which traffic control and protection is required is increased or decreased by more than ten percent (10%), the contract bid price for Traffic Control and Protection will be adjusted as follows:

Adjusted contract price=  $.25P + .75P [1+(X-0.1)]$

Where "P" is the contract price for Traffic Control and Protection

Difference between original and final sum total value of all work items for which traffic

Where "X"= control and protection is required.

Original sum total value of all work for which traffic control and protection is required.

The value of the work items used in calculating the increase and decrease will include only items which have been added to or deducted from the contract under Article 1 04.02 of the Standard Specifications and only items which require use of Traffic Control and Protection.

In the event the Department cancels or alters any portion of the contract which results in elimination or noncompletion of any portion of the work, payment for partially completed work will be made in accordance with Article 104.02 of the Standard Specifications.

"702. 03 Channeling Devices" section "(b)", paragraph 1 shall be replaced with the following:

(b) Barricades

Type 1 and Type 1 A Barricades are intended for use on lower speed roads and shall not be used where the normal posted speed limit is 45 m.p.h. or greater. The normal posted speed limit for construction area is 40 m.p.h. Type 1 and Type 2 Barricades shall not be intermixed within an individual string of barricades. Type 3 Barricades shall be used for road and lane closures and shall not be used for channelization or delineation.

Any drop off greater than 75 mm (three inches), but less than 150 mm (six inches), within 2.5 m (eight feet) of the pavement edge shall be protected by Type 1 or 2 barricades equipped with mono-directional steady burn lights at 30 m (100 foot) center to center spacing. If the drop off within 2.5m (eight feet) of the pavement edge exceeds 150 mm (six inches), the barricades mentioned above shall be paced at 15 m (50 foot) center to center spacing. Barricades that must be placed in excavated areas shall have a leg extension installed such that the top of the barricade is in compliance with the height requirements of Standard 702001.

All Type 1 and Type 2 barricades shall be equipped with a steady burn light when used during hours of darkness unless otherwise stated herein.

Check barricades shall be placed in work areas perpendicular to traffic every 300 m (1,000 feet), one per lane and per shoulder, to prevent motorists from using work areas as a traveled way. Two additional check barricades shall be placed in advance of each patch excavation or any other hazard in the work area, the first at the edge of the open traffic lane and the second centered in the closed lane. Check barricades shall be Type 1 or 2 and equipped with a flashing light.

"702.03 Channeling Devices" section "(c)" Vertical Panels, add the following:

All vertical panels shall be equipped with a steady burn light when used during the hours of darkness unless otherwise stated herein or in the Plans.

"702.05 Signs" section "(a)" add as paragraph 7:

Construction signs referring to daytime lane closures during working hours shall be removed, covered, or turned away from the view of the motorists during non-working hours.

**Instructions to Bidders on Filling Out Forms**

1. The Bid Proposal must be signed by an authorized agent. The corporate seal, if applicable, must be affixed. The unit price(s), amount(s), date of signature, and any other relevant information must be stated.



Apprenticeship or Training  
Program Certification

Return with Bid

Route Various  
County LAKE  
Local Agency City of Zion  
Section 15-00000-00-GM

**All contractors are required to complete the following certification:**

- ☐ For this contract proposal or for all groups in this deliver and install proposal.
- ☐ For the following deliver and install groups in this material proposal:

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidders' subcontractors to disclose participation in apprenticeship or training programs that are (1) approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and (2) applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

- I. Except as provided in paragraph IV below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.
- II. The undersigned bidder further certifies for work to be performed by subcontract that each of its subcontractors submitted for approval either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.
- III. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.



- IV. Except for any work identified above, any bidder or subcontractor that shall perform all or part of the work of the contract or deliver and install proposal solely by individual owners, partners or members and not by employees to whom the payment of prevailing rates of wages would be required, check the following box, and identify the owner/operator workforce and positions of ownership. ☐

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The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Department at any time before or after award may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. In order to fulfill the participation requirement, it shall not be necessary that any applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract or deliver and install proposal.

Bidder: \_\_\_\_\_

By: \_\_\_\_\_  
(Signature)

Address: \_\_\_\_\_

Title: \_\_\_\_\_