

**\*\*\*NOTICE\*\*\***

THIS IS NOT AN OFFICIAL BID DOCUMENT  
FOR PUBLIC REVIEW ONLY

Bidders need to contact the Grundy County Highway Department to request the official bid documents. Bidders must provide a copy of their current Illinois Department of Transportation (IDOT) Certificate of Eligibility to receive official bid documents.

Grundy County Highway Department  
245 N. Route 47  
Morris, Illinois 60450  
Phone: (815) 942-0363  
Fax: (815) 942-4290  
E-mail: [highway@grundyco.org](mailto:highway@grundyco.org)  
Website: [www.grundyco.org/highway/](http://www.grundyco.org/highway/)



Local Public Agency  
Formal Contract  
Proposal

PROPOSAL SUBMITTED BY		
Contractor's Name		
Street	P.O. Box	
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF Grundy

Goose Lake Township

(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE NO. TR 91A - McArdle Rd.

SECTION NO. 17-07000-00-GM

TYPES OF FUNDS MFT

SPECIFICATIONS (required)

PLANS (required)

**For Municipal Projects**  
Submitted/Approved/Passed

Mayor  President of Board of Trustees  Municipal Official

Date \_\_\_\_\_

**Department of Transportation**

Released for bid based on limited review

Regional Engineer \_\_\_\_\_

Date \_\_\_\_\_

**For County and Road District Projects**  
Submitted/Approved

Burns  
Highway Commissioner

7-21-17  
Date

[Signature]  
County Engineer/Superintendent of Highways

7/26/17  
Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

RETURN WITH BID

NOTICE TO BIDDERS

County Grundy
Local Public Agency Goose Lake
Section Number 17-07000-00-GM
Route TR 91A - McArdle Rd

Sealed proposals for the improvement described below will be received at the office of Grundy County Highway Dept.,
245 N. Route 47 Morris, Illinois 60450 until 10:00 AM on August 17, 2017

Sealed proposals will be opened and read publicly at the office of Grundy County Highway Dept.
245 N. Route 47 Morris, Illinois 60450 at 10:00 AM on August 17, 2017

DESCRIPTION OF WORK

Name McArdle Road Resurfacing Length: 10581.00 feet ( 2.00 miles)
Location From Jugtown Road to township line approximatley 2 miles west of Coal City Illinois.
Proposed Improvement Mill off 1.5", lay 1.5" of HMA Surface Course and other related work.

1. Plans and proposal forms will be available in the office of Grundy County Highway Dept.
245 N. Route 47 Morris, Illinois 60450

2. [X] Prequalification
If checked, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in duplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and one original with the IDOT District Office.

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following GRUNDY Forms shall be returned by the bidder to the Awarding Authority:
a. Grundy 12200: Local Public Agency Formal Contract Proposal
b. Grundy 12200a Schedule of Prices
c. Grundy 12230: Proposal Bid Bond (if applicable)
d. Grundy 12325: Apprenticeship or Training Program Certification (do not use for federally funded projects)
e. Grundy 12326: Affidavit of Illinois Business Office

5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.

7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.

8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.

9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

RETURN WITH BID

PROPOSAL

County Grundy
Local Public Agency Goose Lake
Section Number 17-07000-00-GM
Route TR 91A - McArdle Rd

1. Proposal of \_\_\_\_\_
for the improvement of the above section by the construction of \_\_\_\_\_

a total distance of 10639.00 feet, of which a distance of 10581.00 feet, ( 2.004 miles) are to be improved.

- 2. The plans for the proposed work are those prepared by Grundy County Highway Dept. and approved by the Department of Transportation on \_\_\_\_\_
3. The specifications referred to herein are those prepared by the Department and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5. The undersigned agrees to complete the work within 15 working days or by \_\_\_\_\_ unless additional time is granted in accordance with the specifications.
6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond if allowed, on Department form Grundy 12200 or a proposal guaranty check, complying with the specifications, made payable to:

County \_\_\_\_\_ Treasurer of Grundy County \_\_\_\_\_

The amount of the check is \_\_\_\_\_ ( \_\_\_\_\_ ).

- 7. In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check is placed in another proposal, it will be found in the proposal for: Section Number \_\_\_\_\_.
8. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the Awarding Authority.
9. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
10. A bid will be declared unacceptable if neither a unit price nor a total price is shown.
11. The undersigned submits herewith the schedule of prices on Grundy 12200a covering the work to be performed under this contract.
12. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on Grundy 12200a, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.



CONTRACTOR CERTIFICATIONS

County	<u>Grundy</u>
Local Public Agency	<u>Goose Lake</u>
Section Number	<u>17-07000-00-GM</u>
Route	<u>TR 91A - McArdle Rd</u>

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.

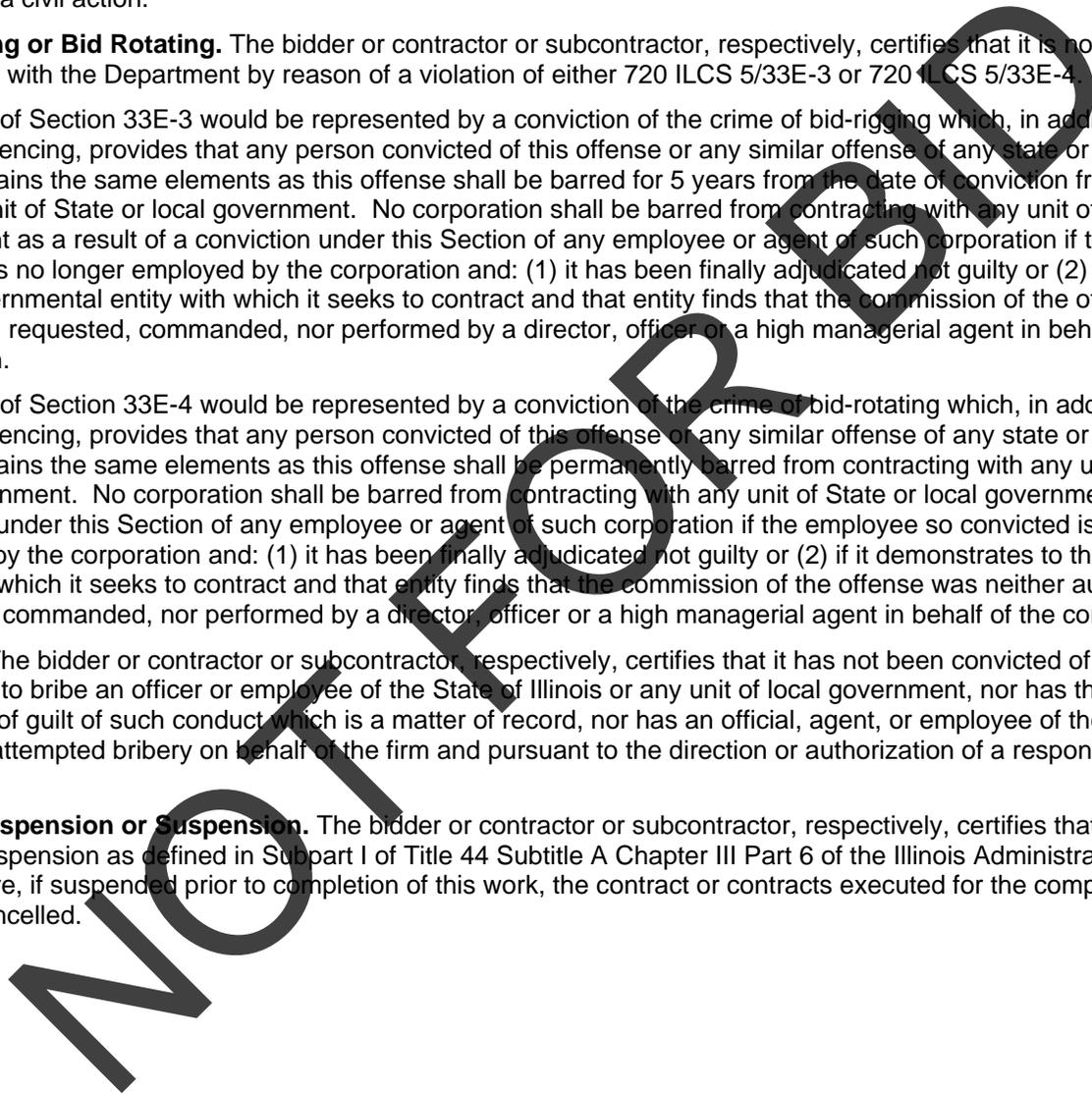
2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of Section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.

4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative Code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be cancelled.



RETURN WITH BID

SIGNATURES

County Grundy  
Local Public Agency Goose Lake  
Section Number 17-07000-00-GM  
Route TR 91A - McArdle Rd

(If an individual)

Signature of Bidder \_\_\_\_\_

Business Address \_\_\_\_\_  
\_\_\_\_\_

(If a partnership)

Firm Name \_\_\_\_\_

Signed By \_\_\_\_\_

Business Address \_\_\_\_\_  
\_\_\_\_\_

Inset Names and Addressed of All Partners

(If a corporation)

Corporate Name \_\_\_\_\_

Signed By \_\_\_\_\_

President

Business Address \_\_\_\_\_  
\_\_\_\_\_

Inset Names of Officers

President \_\_\_\_\_

Secretary \_\_\_\_\_

Treasurer \_\_\_\_\_

Attest: \_\_\_\_\_  
Secretary

NOT FOR BID



**Local Agency  
Proposal Bid Bond**

Route TR 91A - McArdle Rd  
County Grundy  
Local Agency Goose Lake  
Section 17-07000-00-GM

**RETURN WITH BID**

**PAPER BID BOND**

WE \_\_\_\_\_ as PRINCIPAL,  
and \_\_\_\_\_ as SURETY,  
are held jointly, severally and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this \_\_\_\_\_ day of \_\_\_\_\_

**Principal**

\_\_\_\_\_  
(Company Name) \_\_\_\_\_ (Company Name)  
By: \_\_\_\_\_ By: \_\_\_\_\_  
(Signature and Title) (Signature and Title)

(If PRINCIPLE is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

**Surety**

\_\_\_\_\_  
(Name of Surety) By: \_\_\_\_\_  
(Signature of Attorney-in-Fact)

STATE OF ILLINOIS,  
COUNTY OF \_\_\_\_\_  
I, \_\_\_\_\_, a Notary Public in and for said county,  
do hereby certify that \_\_\_\_\_

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this \_\_\_\_\_ day of \_\_\_\_\_

My commission expires \_\_\_\_\_  
(Notary Public)

**ELECTRONIC BID BOND**

**Electronic bid bond is allowed (box must be checked by LA if electronic bid bond is allowed)**

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

\_\_\_\_\_  
Electronic Bid Bond ID Code

\_\_\_\_\_  
(Company/Bidder Name)

\_\_\_\_\_  
(Signature and Title)

\_\_\_\_\_  
Date



# Apprenticeship or Training Program Certification

**Return with Bid**

Route	<u>TR 91A - McArdle</u>
County	<u>Grundy</u>
Local Agency	<u>Goose Lake</u>
Section	<u>17-07000-00-GM</u>

**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:

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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.

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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: \_\_\_\_\_

**NOT FOR BID**

RETURN WITH BID



Affidavit of Illinois Business Office

County Grundy  
Local Public Agency Goose Lake  
Section Number 17-07000-00-GM  
Route TR 91A - McArdle Rd

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.

I, \_\_\_\_\_ of \_\_\_\_\_, \_\_\_\_\_,  
(Name of Affiant) (City of Affiant) (State of Affiant)

being first duly sworn upon oath, states as follows:

1. That I am the \_\_\_\_\_ of \_\_\_\_\_ bidder  
officer or position
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under this proposal, \_\_\_\_\_, will maintain a  
(bidder)  
business office in the State of Illinois which will be located in \_\_\_\_\_ County, Illinois.
4. That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.
5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois Procurement Code.

\_\_\_\_\_  
(Signature)  
\_\_\_\_\_  
(Print Name of Affiant)

This instrument was acknowledged before me on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

(SEAL)

\_\_\_\_\_  
(Signature of Notary Public)



# Illinois Department of Transportation

Bureau of Construction  
2300 South Dirksen  
Parkway/Room 322

## Affidavit of Availability For the Letting of 8/17/2017

**Instructions:** Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

### Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE**.

	1	2	3	4	Awards Pending	
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

### Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show **NONE**.

					Accumulated Totals
Earthwork					
Portland Cement Concrete Paving					
HMA Plant Mix					
HMA Paving					
Clean & Seal Cracks/Joints					
Aggregate Bases & Surfaces					
Highway, R.R. and Waterway Structures					
Drainage					
Electrical					
Cover and Seal Coats					
Concrete Construction					
Landscaping					
Fencing					
Guardrail					
Painting					
Signing					
Cold Milling, Planning & Rotomilling					
Demolition					
Pavement Markings (Paint)					
Other Construction (List)					
					\$ 0.00
Totals					

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

**Part III. Work Subcontracted to Others.**

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted					

NOT FOR BID

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Subscribed and sworn to before me  
 this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ Type or Print Name \_\_\_\_\_  
Officer or Director Title

\_\_\_\_\_  
 Notary Public

Signed \_\_\_\_\_

My commission expires \_\_\_\_\_

(Notary Seal)

Company \_\_\_\_\_

Address \_\_\_\_\_



## Special Provisions

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", Adopted April 1, 2016, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures of Materials" in effect on the date of invitation of bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included here in which apply to and govern the construction of Section: 17-07000-00-GM and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

### **LOCATION OF WORK**

Project is located on McArdle Road from Jugtown Road to the township line, a length of 2 miles. The site is approximately 2 miles west of Coal City, Illinois.

### **DESCRIPTION OF WORK**

The work of this Section consists of furnishing all labor and materials for the resurfacing of McArdle Road with Hot-Mix Asphalt and all other incidental work necessary to complete this improvement in accordance with the plans and specification for this Section.

### **PROSECUTION OF WORK**

Add the following to the first paragraph of Article 108.06: "The contractor shall, at all times, employ sufficient labor and equipment to assure a minimum daily application rate of 400 tons for township projects and 1000 tons for county projects of Hot-Mix Asphalt. This minimum rate shall not be construed to have a bearing on the number of working days allotted in this contract."

### **RESPONSIBILITY OF THE CONTRACTOR**

The contractor shall notify the Engineer a minimum of 48 hours prior to the commencement of work when they plan to begin and/or the start of a new construction activity.

The contractor shall responsible to ensure that all utilities have been marked on site at least 48 hours prior to the start of construction or as required by law.

The contractor shall protect any existing drainage fixture and field tiles providing drainage whether marked or unmarked on the plans. Should damage occur due to the contractor's activities, the contractor shall repair said damage at the contractor's own expense unless the Engineer determines that the damage was unavoidable.



## Special Provisions

Should a conflict be discovered between these plans and conditions in the field, the contractor shall notify the Engineer immediately of the issue(s). No work that will directly affect or be affected by the conflict may proceed without the Engineer's approval.

### **KEEPING ROAD OPEN TO TRAFFIC**

The roads involved in this Section shall be kept open to two-way traffic at all times except when construction operations require, as directed by the Engineer, temporarily closing to traffic in one direction. The Engineer will be the sole judge as to the necessity of lane closures and the length and duration of same. Should closure of road to all traffic be required, the contractor must obtain approval from the Engineer prior to the closure. The Engineer may add requirements and/or conditions for the closure as deemed necessary. The contractor shall maintain access to private property throughout the limits of the improvement in accordance with the applicable portions of Article 107.09 and Article 107.14 of the "Standard Specifications", and as directed by the Engineer.

### **CONSTRUCTION SIGNS AND BARRICADES**

All temporary signs and barricades as specified in Article 107.14 and in the standards listed in the plans shall be furnished, erected and maintained by the contractor. The cost of said signs and barricades shall be included in the cost of Hot-Mix Asphalt and no extra compensation will be allowed.

### **CONSTRUCTION LAYOUT**

The contractor shall be responsible for laying out all needed points and grades required to complete the project as shown in the plans.

This item will not be paid for separately but shall be considered incidental to the contract.

### **MOBILIZATION**

The provisions of Section 671 of the Standard Specifications are not applicable to this Proposal.



## Special Provisions

### **CONSTRUCTION DEBRIS**

Add the following to the third paragraph of Article 202.03 of the Standard Specifications:

“ The contractor shall not conduct any generation, transportation or recycling of construction or demolition debris, clean or general or uncontaminated soil during construction, remodeling, repair or demolition of utilities, structures and roads that is not commingled with any waste, without the maintenance of documentation identifying the hauler, generator or place of origin of the debris or soil, the weight or volume of the debris or soil, and the location, owner and operator of the facility where debris or soil was transferred, disposed, recycled or treated, This documentation must be maintained by the Contractor for a minimum of three years after final acceptance of the project by the Department. “

### **SURFACE PROFILE MILLING**

The existing pavement shall have 1.5” milled off the road. The millings shall be hauled offsite by the contractor. The contractor shall broom the road to remove any loose debris before the end of each day of milling. All equipment, labor and material costs related to this item shall be paid for in the contract unit price per Square Yard for SURFACE PROFILE MILLING.

### **RAISED PAVEMENT MARKER REMOVAL**

The existing raised pavement markers shall be removed according to Article 783 of the Standard Specifications. All equipment, labor and material costs related to this item shall be paid for at the contract unit price per each for RAISED REFLECTIVE PAVEMENT MARKER REMOVAL.

### **BITUMINOUS MATERIALS (PRIME COAT)**

1. Revise Article 406.02(b) Note 1 to read: “The prime coat used on brick, concrete, or Hot-Mix Asphalt bases shall be RC-70 or SS-1. Prime on aggregate bases shall be MC-30 or PEP”.
2. Add the following sentence to the end of the sixth paragraph of Article 406.05(b)(1) of the Standard Specifications: “The prime coat shall be placed **no later than 5 p.m.** unless otherwise directed by the Engineer.”
3. Prime Coat shall be applied at the rates as shown in Article 406.05.

### **ALL HOT-MIX ASPHALT MIXTURES**

Revise Article 1030.02(g) Note 2 to read: “All Hot-Mix Asphalt shall be PG58-22.



## Special Provisions

### **HOT-MIX ASPHALT, CUT OFF DATE**

Placement of Hot-Mix Asphalt will not be permitted after September 15 unless approved, in writing, by the Engineer.

### **ALL HOT-MIX ASPHALT MIXTURES**

If it is determined during mixture design that Anti-Stripping Additive is necessary, it shall conform to Article 1030.04. The cost of the additive will not be paid for separately but shall be included in the cost of Hot-Mix Asphalt.

### **RAP PERCENTAGES FOR HOT-MIX ASPHALT MIXTURES**

See Hot-Mix Asphalt Data Table on Plans.

### **INCIDENTAL HOT-MIX ASPHALT SURFACING**

Mailbox turnouts and field entrances shall be placed with an extendible screed widener where possible. When an extendible screed widener is used, paving shall be considered an integral part of mainline paving and will not be measured for payment. This work shall be included in the cost of the HMA Asphalt.

### **SURFACE TESTS**

Add the following after the table in the third paragraph of Article 406.11: "If more than 10 surface variations exceeding 3/16" are found on the entire project the deduction per variation shall be 4 tons.

### **QC/QA HOT-MIX ASPHALT**

Test strips will not be required on this Contract.

### **HOT-MIX ASPHALT SURFACE REMOVAL – BUTT JOINTS**

Butt Joints will be constructed in accordance with Article 406.08 of the Standard Specifications. This work will involve the cutting of a taper to 1-1/2" deep in a 30 foot distance for mainline and 1" deep in an 18" distance for entrances. After the butt joint is ground in concrete entrances a straight edge shall be saw cut to ensure a straight and perpendicular joint. This work will be paid for at the Contract Unit Price bid for HOT-MIX ASPHALT SURFACE REMOVAL – BUTT JOINTS.



## Special Provisions

### **HOT-MIX ASPHALT MIXTURES N30**

Description. This work shall consist of constructing Hot-Mix Asphalt Surface Course Mix "C", N30, Leveling Binder (Machine Method), N30 and Hot-Mix Asphalt Binder Course IL 19.0L, N30 according to Section 1030 of the Standard Specifications and the Recurring Special Provision "Quality Control/Quality Assurance of Hot-Mix Asphalt".

QC/QA, Design and production shall be according to the Low ESAL requirements specified in the Standard Specifications for Road and Bridge Construction adopted April 1, 2016 and the Supplemental Specifications and Recurring Special Provision. At the discretion of the Engineer and QA Manager acceptance of the density of the mix may be based upon the Nuclear Density Growth Curve Method.

Basis of Payment, This work will be paid for at the contract unit price per ton for **HOT-MIX ASPHALT SURFACE COURSE MIX "C" N30, LEVELING BINDER (MACHINE METHOD) N30, HOT-MIX ASPHALT BINDER COURSE IL-19.0L N30**. Anti-strip if required shall be included in the unit price per ton.

### **TEMPORARY RAMPS**

Temporary Ramps shall be constructed in accordance with Article 406.08 and shall be included in the cost of Hot-Mix Asphalt and no extra compensation will be allowed.

### **SHORT-TERM PAVEMENT MARKING**

Pavement marking tape shall be furnished and applied to the Hot-Mix Asphalt in accordance with Section 703 of the Standard Specifications. The material furnished shall be YELLOW. This work will be paid for at the Contract Unit Price per foot for SHORT-TERM PAVEMENT MARKING. No additional compensation will be allowed for the removal of Short-Term Pavement Marking.

### **RAISED REFLECTIVE PAVEMENT MARKERS**

Raised reflective pavement markers shall be installed as shown in Article 781 of the standard specifications. The reflectors shall be set at 80 foot intervals on the straightaways and 40 foot intervals on the curves.

All equipment, labor and material costs related to this item shall be paid for with the contract unit price per each for RAISED REFLECTIVE PAVEMENT MARKERS.



## Special Provisions

### EPOXY PAVEMENT MARKING – LINE 4”

1. The work of this Section consists of the application of reflectorized skip-dash or solid centerline striping as hereafter described and specified.
2. The pavement centerline shall be marked with a reflectorized skip-dash or solid yellow line four (4) inches wide. The skip-dash shall consist of a painted yellow dash ten (10) feet in length with the space between dashes thirty (30) feet in length.
3. All centerlines shall be pre-marked prior to truck mounted machine painting to insure the true centerline being followed. Prior inspection of the work site should be made.
4. The painted lines shall be protected by means of a follow-up vehicle equipped with a sequential flashing sign panel, capable of flashing left to right, right to left, or pass either side, traveling approximately 1,500 feet after the unit making the application.
5. The contractor shall schedule his operations to allow the Epoxy Pavement Marking to be placed no more than two weeks after the Hot-Mix Asphalt Surface Course.

### TRAFFIC CONTROL SURVEILLANCE

Shall not be paid for separately, but shall be incidental to the contract.

### TRAFFIC CONTROL PLAN

Traffic control shall be in accordance with the applicable sections of the Standard Specification for Road and Bridge Construction, the applicable guidelines contained in the Illinois Manual on Uniform Traffic Control Devices for Street and Highways, these Special Provisions, and any special details and Highway standards contained herein and in the plans. Signing standards applicable to this contract shall include the following:

701306  
701311  
701901

Shall an edge drop off greater than or equal to 3 inches be present next to moving traffic due to paving operations, the contractor shall place barricades along the drop off according to Article 701.07 of the standard specifications. The barricades shall remain until the contractor has eliminated the elevation difference. The Engineer shall be the final judge when the barricades are necessary.



## Special Provisions

All Traffic Control shall not be paid separately but shall be incidental to the contract.

**NOT FOR BID**

# Check Sheet for Recurring Special Provisions

Adopted January 1, 2017

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

## Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts	26
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	29
3	<input type="checkbox"/> EEO	30
4	<input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	40
5	<input type="checkbox"/> Required Provisions - State Contracts	45
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	51
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos Hot-Mix Asphalt Surface Removal	52
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	53
9	<input type="checkbox"/> Construction Layout Stakes Except for Bridges	54
10	<input type="checkbox"/> Construction Layout Stakes	57
11	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	60
12	<input type="checkbox"/> Subsealing of Concrete Pavements	62
13	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	66
14	<input type="checkbox"/> Pavement and Shoulder Resurfacing	68
15	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	69
16	<input type="checkbox"/> Polymer Concrete	70
17	<input type="checkbox"/> PVC Pipeliner	72
18	<input type="checkbox"/> Bicycle Racks	73
19	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	75
20	<input type="checkbox"/> Work Zone Public Information Signs	77
21	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	78
22	<input type="checkbox"/> English Substitution of Metric Bolts	79
23	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	80
24	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	81
25	<input type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	89
26	<input type="checkbox"/> Digital Terrain Modeling for Earthwork Calculations	105
27	<input type="checkbox"/> Reserved	107
28	<input type="checkbox"/> Preventive Maintenance - Bituminous Surface Treatment	108
29	<input type="checkbox"/> Preventive Maintenance - Cape Seal	114
30	<input type="checkbox"/> Preventive Maintenance - Micro-Surfacing	129
31	<input type="checkbox"/> Preventive Maintenance - Slurry Seal	140
32	<input type="checkbox"/> Temporary Raised Pavement Markers	149
33	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	150
34	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	153

**Check Sheet for  
Local Roads and Streets Recurring Special Provisions**

Adopted January 1, 2017

The following LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

Local Roads And Streets Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
LRS 1	<b>Reserved</b>	158
LRS 2	<input type="checkbox"/> Furnished Excavation	159
LRS 3	<input checked="" type="checkbox"/> Work Zone Traffic Control Surveillance	160
LRS 4	<input checked="" type="checkbox"/> Flaggers in Work Zones	161
LRS 5	<input checked="" type="checkbox"/> Contract Claims	162
LRS 6	<input checked="" type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals	163
LRS 7	<input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	169
LRS 8	<b>Reserved</b>	175
LRS 9	<input type="checkbox"/> Bituminous Surface Treatments	176
LRS 10	<b>Reserved</b>	177
LRS 11	<input checked="" type="checkbox"/> Employment Practices	150
LRS 12	<input checked="" type="checkbox"/> Wages of Employees on Public Works	152
LRS 13	<input checked="" type="checkbox"/> Selection of Labor	154
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks	155
LRS 15	<input checked="" type="checkbox"/> Partial Payments	158
LRS 16	<input checked="" type="checkbox"/> Protests on Local Lettings	159
LRS 17	<input checked="" type="checkbox"/> Substance Abuse Prevention Program	160
LRS 18	<input type="checkbox"/> Multigrade Cold Mix Asphalt	161

NOT FOR BID

BDE SPECIAL PROVISIONS  
For the August 4 and September 22, 2017 Lettings

The following special provisions indicated by an "x" are applicable to this contract and will be included by the Project Development and Implementation Section of the BD&E. An \* indicates a new or revised special provision for the letting.

<u>File Name</u>	<u>#</u>	<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
80099	1	Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2014
80382	2	Adjusting Frames and Grates	April 1, 2017	
80274	3	Aggregate Subgrade Improvement	April 1, 2012	April 1, 2016
80192	4	Automated Flagger Assistance Device	Jan. 1, 2008	
* 80173	5	Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
80241	6	Bridge Demolition Debris	July 1, 2009	
5026I	7	Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
5048I	8	Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
5049I	9	Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
5053I	10	Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
80366	11	Butt Joints	July 1, 2016	
* 80384	12	Compensable Delay Costs	June 2, 2017	
80198	13	Completion Date (via calendar days)	April 1, 2008	
80199	14	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80293	15	Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	July 1, 2016
80311	16	Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
80277	17	Concrete Mix Design – Department Provided	Jan. 1, 2012	April 1, 2016
80261	18	Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
80029	19	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	July 2, 2016
80378	20	Dowel Bar Inserter	Jan. 1, 2017	
* 80229	21	Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
80304	22	Grooving for Recessed Pavement Markings	Nov. 1, 2012	Aug. 1, 2014
80246	23	X Hot-Mix Asphalt – Density Testing of Longitudinal Joints	Jan. 1, 2010	April 1, 2016
80347	24	Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Nov. 1, 2014	April 1, 2017
* 80383	25	Hot-Mix Asphalt – Quality Control for Performance	April 1, 2017	April 2, 2017
80376	26	X Hot-Mix Asphalt – Tack Coat	Nov. 1, 2016	
80367	27	Light Poles	July 1, 2016	
80368	28	Light Tower	July 1, 2016	
80336	29	Longitudinal Joint and Crack Patching	April 1, 2014	April 1, 2016
80369	30	Mast Arm Assembly and Pole	July 1, 2016	
80045	31	Material Transfer Device	June 15, 1999	Aug. 1, 2014
80165	32	Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2010
80349	33	Pavement Marking Blackout Tape	Nov. 1, 2014	April 1, 2016
80371	34	Pavement Marking Removal	July 1, 2016	
80377	35	Portable Changeable Message Signs	Nov. 1, 2016	April 1, 2017
80359	36	Portland Cement Concrete Bridge Deck Curing	April 1, 2015	Jan. 1, 2017
80338	37	Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	April 1, 2014	April 1, 2016
* 80385	38	Portland Cement Concrete Sidewalk	Aug. 1, 2017	
80300	39	Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	April 1, 2016
80328	40	Progress Payments	Nov. 2, 2013	
3426I	41	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
80157	42	Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
80306	43	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	April 1, 2016

<u>File Name</u>	<u>#</u>	<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
80340	44	Speed Display Trailer	April 2, 2014	Jan. 1, 2017
* 80127	45	Steel Cost Adjustment	April 2, 2004	Aug. 1, 2017
80379	46	Steel Plate Beam Guardrail	Jan. 1, 2017	
80317	47	Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	April 1, 2016
80298	48	Temporary Pavement Marking (NOTE: This special provision was previously named "Pavement Marking Tape Type IV".)	April 1, 2012	April 1, 2017
20338	49	Training Special Provisions	Oct. 15, 1975	
80318	50	Traversable Pipe Grate	Jan. 1, 2013	April 1, 2014
80381	51	Traffic Barrier Terminal, Type 1 Special	Jan. 1, 2017	
80380	52	Tubular Markers	Jan. 1, 2017	
80288	53	Warm Mix Asphalt	Jan. 1, 2012	April 1, 2016
80302	54	Weekly DBE Trucking Reports	June 2, 2012	April 2, 2015
80071	55	<input checked="" type="checkbox"/> Working Days	Jan. 1, 2002	

The following special provisions have been deleted from use:

80289 Wet Reflective Thermoplastic Pavement Marking

The following special provisions are in the 2017 Supplemental Specifications and Recurring Special Provisions.

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location</u>	<u>Effective</u>	<u>Revised</u>
80360	Coarse Aggregate Quality	Article 1004.01	July 1, 2015	
80363	Engineer's Field Office	Article 670.07	April 1, 2016	
80358	Equal Employment Opportunity	Recurring CS #1 and #5	April 1, 2015	
80364	Errata for the 2016 Standard Specifications	Supplemental	April 1, 2016	
80342	Mechanical Side Tie Bar Inserter	Articles 420.03, 420.05, and 1103.19	Aug. 1, 2014	April 1, 2016
80370	Mechanical Splicers	Article 1006.10	July 1, 2016	
80361	Overhead Sign Structures Certification of Metal Fabricator	Article 106.08	Nov. 1, 2015	April 1, 2016
80365	Pedestrian Push-Button	Article 888.03	April 1, 2016	
80353	Portland Cement Concrete Inlay or Overlay	Recurring CS #34	Jan. 1, 2015	April 1, 2016
80372	Preventive Maintenance – Bituminous Surface Treatment (A-1)	Recurring CS #28	Jan. 1, 2009	July 1, 2016
80373	Preventive Maintenance – Cape Seal	Recurring CS #29	Jan. 1, 2009	July 1, 2016
80374	Preventive Maintenance – Micro-Surfacing	Recurring CS #30	Jan. 1, 2009	July 1, 2016
80375	Preventive Maintenance – Slurry Seal	Recurring CS #31	Jan. 1, 2009	July 1, 2016
80362	Steel Slag in Trench Backfill	Articles 1003.01 and 1003.04	Jan. 1, 2016	
80355	Temporary Concrete Barrier	Articles 704.02, 704.04, 704.05, and 704.06	Jan. 1, 2015	July 1, 2015

The following special provisions require additional information from the designer. The additional information needs to be submitted as a separate document. The Project Development and Implementation section will then include the information in the applicable special provision. The Special Provisions are:

- Bridge Demolition Debris
- Building Removal - Case I
- Building Removal – Case II
- Building Removal - Case III
- Building Removal-Case IV
- Completion Date
- Completion Date Plus Working Days
- DBE Participation
- Material Transfer Device
- Railroad Protective Liability Insurance
- Training Special Provisions
- Working Days

State of Illinois  
Department of Transportation  
Bureau of Local Roads and Streets

SPECIAL PROVISION  
FOR  
INSURANCE

Effective: February 1, 2007  
Revised: August 1, 2007

All references to Sections or Articles in this specification shall be construed to mean specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

The Contractor shall name the following entities as additional insured under the Contractor's general liability insurance policy in accordance with Article 107.27:

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The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26.

NOT FOR BIDD

State of Illinois  
Department of Transportation  
Bureau of Local Roads and Streets

SPECIAL PROVISION  
FOR  
SURFACE PROFILE MILLING OF EXISTING, RECYCLED, OR RECLAIMED  
FLEXIBLE PAVEMENT

Effective: April 1, 2012  
Revised: June 1, 2012

All references to Divisions, Sections, and Articles in this Special Provision shall be construed to mean specific Divisions, Sections, and Articles in the Standard Specifications for Road and Bridge Construction adopted by the Department of Transportation.

**Description.** This work shall consist of surface profile milling existing, recycled, or reclaimed flexible pavement prior to application of a surface treatment less than or equal to 1.5 in. (38 mm) thick.

**Equipment.** Equipment shall be according to the following Articles of Division 1100 – Equipment.

- (a) Self-Propelled Milling Machine (Note 1)..... 1101.16

Note 1. The self-propelled milling machine shall be capable of milling an entire lane width in a single pass and have the capability of loading the millings into a truck.

The cutting drum and teeth shall be designed to produce the required surface texture. Each tooth on the cutting drum shall produce a series of discontinuous longitudinal striations. There shall be 16 to 20 striations (tooth marks) for each tooth for each 6 ft (1.8 m) in the longitudinal direction, and each striation shall be  $1.7 \pm 0.2$  in. ( $43 \pm 5$  mm) in length after the area is planed by the moldboard. The planed length between each pair of striations shall be  $2.3 \pm 0.2$  in. ( $58 \pm 5$  mm). There shall be 80 to 96 rows of discontinuous longitudinal striations for each 5 ft (1.5 m) in the transverse direction. The pattern of striations shall be such that a line connecting striations in adjacent rows shall form approximately a 70 degree skew angle with the roadway centerline. The areas between the striations in both the longitudinal and transverse directions shall be flat-topped and coplanar.

The milling machine shall be capable of accurately and automatically establishing grades by use of an automatic grade control device on one side of the machine with an automatic slope control device controlling the opposite side. It shall be equipped with a traveling grade reference (averaging ski) which shall not be less than 30 feet (9 m) in length.

**CONSTRUCTION REQUIREMENTS**

**Surface Test.** The completed recycled or reclaimed pavement will be tested for smoothness in the wheel paths with a 16 ft (5 m) straightedge.

For each variation in the recycled or reclaimed pavement that exceeds 3/16 in. (5 mm), the entire area affected shall be corrected by surface profile milling. The self-propelled milling machine shall be used for surface profile milling. At any time the surface profile milling fails to produce a flat plane interspersed with the specified uniform pattern of discontinuous longitudinal striations, the surface profile milling shall be stopped until corrections are made to the equipment. The surface profile milling speed shall be limited to 60 ft/min (18 m/min). If the Contractor demonstrates that the desired striations and ride specifications are obtained at a greater speed, the Engineer may permit the Contractor to operate at an increased speed.

After surface profile milling, the recycled or reclaimed pavement shall be swept by a mechanical broom to remove all loose material from the recycled or reclaimed pavement before opening to traffic.

The Contractor shall furnish a 16 ft (5 m) straightedge and shall provide for its jobsite transportation at no additional cost to the Department.

**Method of Measurement.**

The surface profile milling will be measured in square yards (square meters).

**Basis of Payment.**

The surface profile milling will be paid for at the contract unit price per square yard (square meter) for SURFACE PROFILE MILLING.

NOT FOR BID

State of Illinois  
Department of Transportation  
Bureau of Local Roads and Streets  
SPECIAL PROVISION  
FOR  
CONSTRUCTION AND MAINTENANCE SIGNS

Effective: January 1, 2004  
Revised: June 1, 2007

All references to Sections or Articles in this specification shall be construed to mean a specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

701.14. Signs. Add the following paragraph to Article 701.14:

All warning signs shall have minimum dimensions of 1200 mm x 1200 mm (48" x 48") and have a black legend on a fluorescent orange reflectorized background, meeting, as a minimum, Type AP reflectivity requirements of Table 1091-2 in Article 1091.02.

NOT FOR BID

State of Illinois  
DEPARTMENT OF TRANSPORTATION  
Bureau of Local Roads & Streets

SPECIAL PROVISION  
FOR  
GROWTH CURVE

Effective: March 1, 2008  
Revised: January 1, 2010

All references to Sections and Articles in this Special Provision shall be construed to mean specific Sections and Articles in the Standard Specifications for Road and Bridge Construction adopted by the Department of Transportation.

The Contractor shall perform a growth curve at the beginning of placement of each type of mix and each lift. The growth curve for each type of mix and each lift shall be performed within the first 200 tons (180 metric tons). If an adjustment is made to the specific mix design, the Engineer reserves the right to request an additional growth curve and supporting tests at the Contractor's expense.

Compaction of the growth curve shall commence immediately after the course is placed and at a temperature of not less than 280 °F (140 °C). The growth curve, consisting of a plot of lb/cu ft (kg/cu m) vs. number of passes with the project breakdown roller, shall be developed. Roller speed during the growth curve testing shall be the same as the normal paving operation. This curve shall be established by use of a nuclear gauge. Tests shall be taken after each pass until the highest lb/cu ft (kg/cu m) is obtained. This value shall be the target density provided the HMA Gyratory air voids are within acceptable limits. If the HMA Gyratory air voids are not within the specified limits, corrective action shall be taken, and a new target density shall be established.

A new growth curve is required if the breakdown roller used on the growth curve is replaced with a new roller during production. The target density shall apply only to the specific gauge used. If additional gauges are to be used to determine density specification compliance, the Contractor shall establish a unique minimum allowable target density from the growth curve location for each gauge.

At least one core sample per day shall be taken at a location specified by the Engineer. Core densities will be determined using the Illinois-Modified AASHTO T 166 or T 275 procedure by the Department. The core density shall be according to Articles 1030.05(d)(4) and (d)(7). The QA Manager is responsible for assuring and documenting that the determined number of roller passes has been accomplished. The Engineer reserves the right to take core samples at any time to verify density from the nuclear gauge,

All lifts and confined longitudinal joint edges shall be compacted to an average nuclear gauge density of not less than 95 percent nor greater than 102 percent of the target density obtained on the growth curve. Unconfined longitudinal joint edges shall be compacted to an average nuclear gauge density of not less than 93 percent nor greater than 102 percent of the target density obtained on the growth curve. The average nuclear gauge density shall be based on tests representing one day's production.

Quality Control density tests shall be performed at randomly selected locations within 1/2 mile (800 m) intervals per lift per lane. In no case shall more than one half day's production be completed without density testing being performed. Longitudinal joint density testing shall be performed at each random density test location. Longitudinal joint testing shall be located at a distance equal to the lift thickness or a minimum of 2 in. (50 mm) from each pavement edge.

If the Contractor is not controlling the compaction process and is making no effort to take corrective action, the operation shall stop as directed by the Engineer.

**NOT FOR BID**

**WORKING DAYS (BDE)**

Effective: January 1, 2002

The Contractor shall complete the work within 15 working days.

80071

**NOT FOR BID**

## HOT-MIX ASPHALT - DENSITY TESTING OF LONGITUDINAL JOINTS (BDE)

Effective: January 1, 2010

Revised: April 1, 2012

Description. This work shall consist of testing the density of longitudinal joints as part of the quality control/quality assurance (QC/QA) of hot-mix asphalt (HMA). Work shall be according to Section 1030 of the Standard Specifications except as follows.

Quality Control/Quality Assurance (QC/QA). Delete the second and third sentence of the third paragraph of Article 1030.05(d)(3) of the Standard Specifications.

Add the following paragraphs to the end of Article 1030.05(d)(3) of the Standard Specifications:

“Longitudinal joint density testing shall be performed at each random density test location. Longitudinal joint testing shall be located at a distance equal to the lift thickness or a minimum of 4 in. (100 mm) from each pavement edge. (i.e. for a 5 in. (125 mm) lift the near edge of the density gauge or core barrel shall be within 5 in. (125 mm) from the edge of pavement.) Longitudinal joint density testing shall be performed using either a correlated nuclear gauge or cores.

- a. Confined Edge. Each confined edge density shall be represented by a one-minute nuclear density reading or a core density and shall be included in the average of density readings or core densities taken across the mat which represents the Individual Test.
- b. Unconfined Edge. Each unconfined edge joint density shall be represented by an average of three one-minute density readings or a single core density at the given density test location and shall meet the density requirements specified herein. The three one-minute readings shall be spaced ten feet apart longitudinally along the unconfined pavement edge and centered at the random density test location.”

Revise the Density Control Limits table in Article 1030.05(d)(4) of the Standard Specifications to read:

“Mixture Composition	Parameter	Individual Test (includes confined edges)	Unconfined Edge Joint Density Minimum
IL-4.75	Ndesign = 50	93.0 – 97.4%	91.0%
IL-9.5, IL-12.5	Ndesign ≥ 90	92.0 – 96.0%	90.0%
IL-9.5, IL-9.5L, IL-12.5	Ndesign < 90	92.5 – 97.4%	90.0%
IL-19.0, IL-25.0	Ndesign ≥ 90	93.0 – 96.0%	90.0%
IL-19.0, IL-19.0L, IL-25.0	Ndesign < 90	93.0 – 97.4%	90.0%

SMA	Ndesign = 50 & 80	93.5 – 97.4%	91.0%
All Other	Ndesign = 30	93.0 - 97.4%	90.0%”

80246

**NOT FOR BID**

**HOT-MIX ASPHALT – TACK COAT (BDE)**

Effective: November 1, 2016

Revise Article 1032.06(a) of the Standard Specifications to read:

“(a) Anionic Emulsified Asphalt. Anionic emulsified asphalts shall be according to AASHTO M 140. SS-1h emulsions used as a tack coat shall have the cement mixing test waived.”

80376

**NOT FOR BID**

This schedule contains the prevailing wage rates required to be paid for work performed on or after Monday, June 5, 2017 on public works projects in this County. Pursuant to 820 ILCS 130/4, public bodies in this County that have active public works projects are responsible for notifying all contractors and subcontractors working on those public works projects of the change (if any) to rates that were previously in effect. The failure of a public body to provide such notice does not relieve contractors or subcontractors of their obligations under the Prevailing Wage Act, including the duty to pay the relevant prevailing wage in effect at the time work subject to the Act is performed.

GRUNDY COUNTY PREVAILING WAGE RATES EFFECTIVE JUNE 5, 2017

Trade/Title	Region	Type	Class	Base Wage	Foreman Wage	M-FOT	OSA	OSH	H/W	Pension	Vacation	Training
ASBESTOS	All	All		40.40	40.95	1.5	1.5	2.0	14.23	11.57	0.00	0.50
ABT-GEN	All	BLD		37.46	39.96	1.5	1.5	2.0	11.62	11.06	0.00	0.72
ASBESTOS	All	BLD		47.07	51.30	2.0	2.0	2.0	6.97	18.13	0.00	0.40
ABT-MEC	All	BLD		44.88	49.37	1.5	1.5	2.0	10.25	15.30	0.00	0.85
BOILERMAK	All	BLD		45.35	49.88	1.5	1.5	2.0	11.79	17.61	0.00	0.63
ER	All	BLD		42.00	44.00	2.0	1.5	2.0	10.00	21.73	0.00	0.50
BRICK	All	BLD		37.81	37.81	1.5	1.5	2.0	10.55	10.12	0.00	0.65
MASON	All	BLD		34.25	35.75	1.5	1.5	2.0	14.12	12.03	1.41	0.72
CARPENTER	All	BLD		48.90	53.90	1.5	1.5	2.0	11.41	16.39	0.00	3.10
CEMENT	All	BLD		38.14	53.90	1.5	1.5	2.0	8.90	12.78	0.00	2.75
MASON	All	BLD		48.90	53.90	1.5	1.5	2.0	11.41	16.39	0.00	3.10
CERAMIC	All	BLD		41.46	45.19	1.5	1.5	2.0	14.97	16.68	3.25	1.20
TILE FNSHR	All	BLD		42.52	47.84	2.0	2.0	2.0	14.43	8.96	3.40	0.60
COMMUNIC	All	BLD		41.70	43.20	1.5	2.0	2.0	13.94	18.99	0.00	0.94
ATION TECH	All	BLD		49.95	52.45	1.5	1.5	2.0	11.62	12.26	0.00	0.72
ELECTRIC	All	BLD		42.00	46.20	2.0	2.0	2.0	10.54	23.81	0.00	0.85
PWR EQMT	All	BLD		40.20	40.95	1.5	1.5	2.0	14.23	11.57	0.00	0.50
OP	All	BLD		42.52	47.84	2.0	2.0	2.0	13.29	12.76	0.00	0.63
ELECTRIC	All	BLD		45.35	47.85	1.5	1.5	2.0	7.26	8.95	1.85	0.00
PWR	All	BLD		33.45	33.45	1.5	1.5	2.0	10.25	14.44	0.00	0.46
GRNDMAN	All	BLD		41.70	43.20	1.5	2.0	2.0	13.94	18.99	0.00	0.94
ELECTRIC	All	BLD		49.95	52.45	1.5	1.5	2.0	11.62	12.26	0.00	0.72
PWR	All	BLD		42.00	46.20	2.0	2.0	2.0	10.54	23.81	0.00	0.85
LINEMAN	All	BLD		40.20	40.95	1.5	1.5	2.0	14.23	11.57	0.00	0.50
ELECTRICIAN	All	BLD		42.52	47.84	2.0	2.0	2.0	13.29	12.76	0.00	0.63
ELEVATOR	All	BLD		45.35	47.85	1.5	1.5	2.0	7.26	8.95	1.85	0.00
CONSTRUCT	All	BLD		33.45	33.45	1.5	1.5	2.0	10.25	14.44	0.00	0.46
OR	All	BLD		41.70	43.20	1.5	2.0	2.0	13.94	18.99	0.00	0.94
GLAZIER	All	BLD		49.95	52.45	1.5	1.5	2.0	11.62	12.26	0.00	0.72
HT/FROST	All	BLD		42.00	46.20	2.0	2.0	2.0	10.54	23.81	0.00	0.85
INSULATOR	All	BLD		40.20	40.95	1.5	1.5	2.0	14.23	11.57	0.00	0.50
IRON	All	BLD		42.52	47.84	2.0	2.0	2.0	13.29	12.76	0.00	0.63
WORKER	All	BLD		45.35	47.85	1.5	1.5	2.0	7.26	8.95	1.85	0.00
LABORER	All	BLD		33.45	33.45	1.5	1.5	2.0	10.25	14.44	0.00	0.46
LATHER	All	BLD		41.70	43.20	1.5	2.0	2.0	13.94	18.99	0.00	0.94
MACHINIST	All	BLD		49.95	52.45	1.5	1.5	2.0	11.62	12.26	0.00	0.72
MARBLE	All	BLD		42.00	46.20	2.0	2.0	2.0	10.54	23.81	0.00	0.85
FINISHERS	All	BLD		40.20	40.95	1.5	1.5	2.0	14.23	11.57	0.00	0.50

MARBLE	All	BLD	44.13	48.54	1.5	1.5	2.0	10.25	14.97	0.00	0.59
MASON	All	All	30.20	30.20	1.5	1.5	2.0	14.23	11.57	0.00	0.50
MATERIAL	All	All	35.20	35.20	1.5	1.5	2.0	14.23	11.57	0.00	0.50
TESTER I	All	All	45.35	49.88	1.5	1.5	2.0	11.79	17.61	0.00	0.63
TESTER II	All	All	49.10	53.10	2.0	2.0	2.0	18.05	13.60	1.90	1.30
MILLWRIGHT	All	BLD	47.80	53.10	2.0	2.0	2.0	18.05	13.60	1.90	1.30
T	All	BLD	45.25	53.10	2.0	2.0	2.0	18.05	13.60	1.90	1.30
OPERATING ENGINEER	All	BLD	43.50	53.10	2.0	2.0	2.0	18.05	13.60	1.90	1.30
OPERATING ENGINEER	All	BLD	52.85	53.10	2.0	2.0	2.0	18.05	13.60	1.90	1.30
OPERATING ENGINEER	All	BLD	52.85	53.10	2.0	2.0	2.0	18.05	13.60	1.90	1.30
OPERATING ENGINEER	All	BLD	52.10	53.10	2.0	2.0	2.0	18.05	13.60	1.90	1.30
OPERATING ENGINEER	All	BLD	37.00	54.75	1.5	1.5	2.0	17.65	12.65	1.90	1.35
OPERATING ENGINEER	All	FLT	47.30	51.30	1.5	1.5	2.0	18.05	13.60	1.90	1.30
OPERATING ENGINEER	All	HWY	46.75	51.30	1.5	1.5	2.0	18.05	13.60	1.90	1.30
OPERATING ENGINEER	All	HWY	44.70	51.30	1.5	1.5	2.0	18.05	13.60	1.90	1.30
OPERATING ENGINEER	All	HWY	43.30	51.30	1.5	1.5	2.0	18.05	13.60	1.90	1.30
OPERATING ENGINEER	All	HWY	42.10	51.30	1.5	1.5	2.0	18.05	13.60	1.90	1.30
OPERATING ENGINEER	All	HWY	50.30	51.30	1.5	1.5	2.0	18.05	13.60	1.90	1.30
OPERATING ENGINEER	All	HWY	48.30	51.30	1.5	1.5	2.0	18.05	13.60	1.90	1.30
OPERATING ENGINEER	All	HWY	44.55	49.30	1.5	1.5	1.5	11.50	11.10	0.00	1.27
PAINTER	All	BLD	33.92	38.09	1.5	1.5	1.5	2.60	2.71	0.00	0.00
SIGNS	All	BLD	45.35	47.35	1.5	1.5	2.0	11.79	17.61	0.00	0.63
PILEDRIVER	All	All	47.50	50.50	1.5	1.5	2.0	9.55	17.85	0.00	2.07
PIPEFITTER	All	BLD	42.25	44.79	1.5	1.5	2.0	13.65	9.50	5.00	0.65
PLASTERER	All	BLD	48.25	50.25	1.5	1.5	2.0	14.09	12.65	0.00	1.18
PLUMBER	All	BLD	32.51	34.51	1.5	1.5	2.0	8.28	11.09	0.00	0.53
ROOFER	All	BLD	45.77	47.77	1.5	1.5	2.0	10.65	14.10	0.00	0.82
SHEETMETAL WORKER	All	BLD	22.99	25.29	1.5	1.5	2.0	3.79	2.50	0.00	0.00
SIGN HANGER	All	All	47.20	49.20	1.5	1.5	2.0	12.25	11.55	0.00	0.55
SPRINKLER FITTER	All	BLD	44.88	49.37	1.5	1.5	2.0	10.25	15.30	0.00	0.85
STONE MASON	All	BLD									

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TERRAZZO FINISHER	All	BLD	39.54	39.54	1.5	1.5	2.0	10.55	11.79	0.00	0.67
TERRAZZO MASON	All	BLD	43.38	43.38	1.5	1.5	2.0	10.55	13.13	0.00	0.79
TILE MASON	All	BLD	43.84	47.84	1.5	1.5	2.0	10.55	11.40	0.00	0.99
TRUCK DRIVER	All	All	37.91	38.46	1.5	1.5	2.0	8.10	7.97	0.00	0.15
TRUCK DRIVER	All	All	38.06	38.46	1.5	1.5	2.0	8.10	7.97	0.00	0.15
TRUCK DRIVER	All	All	38.26	38.46	1.5	1.5	2.0	8.10	7.97	0.00	0.15
TRUCK DRIVER	All	All	38.46	38.46	1.5	1.5	2.0	8.10	7.97	0.00	0.15
TUCKPOINTE R	All	BLD	44.90	45.90	1.5	1.5	2.0	8.30	14.29	0.00	0.48

NOT FOR BID

## Explanations

### GRUNDY COUNTY

PLUMBERS & PIPEFITTERS (WEST) - That part of the county West of Rt. 47 excluding the City of Morris.

The following list is considered as those days for which holiday rates of wages for work performed apply: New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

### EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

### CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, blasting equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean-up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

### COMMUNICATIONS TECHNICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice, sound and vision production and reproduction, telephone and telephone interconnect, facsimile, equipment and appliances used for domestic, commercial, educational and entertainment purposes, pulling of wire through conduit but not the installation of conduit.

### MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all

material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

### OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograder; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft.; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (CQI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machine; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes; Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Sceded; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

### OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines; ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types; Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges;

Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes; Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers, Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stamp Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEERS - FLOATING  
Driver. Diver Wet Tender, ROV Pilot, ROV Tender

SURVEY WORKER - Operated survey equipment including data collectors, G.P.S. and robotic instruments, as well as conventional levels and transits.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION  
Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters Unskilled dumpman; and Truck Drivers hauling

warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turntrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turntrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

#### TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

#### Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

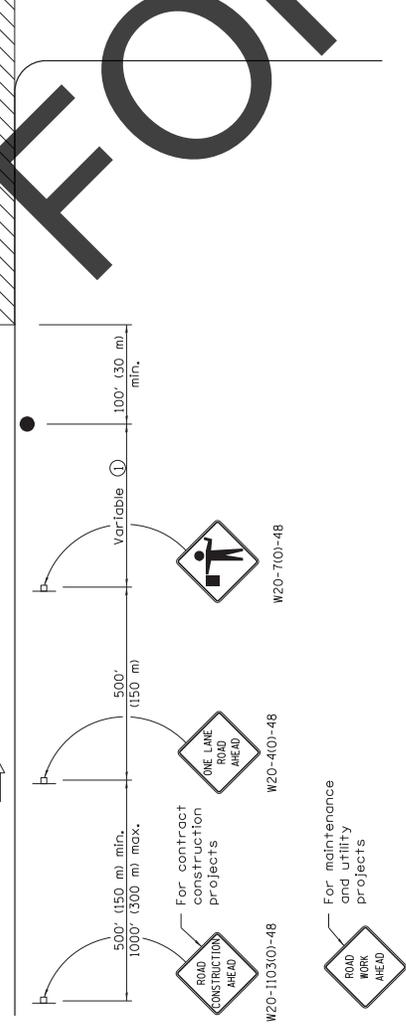
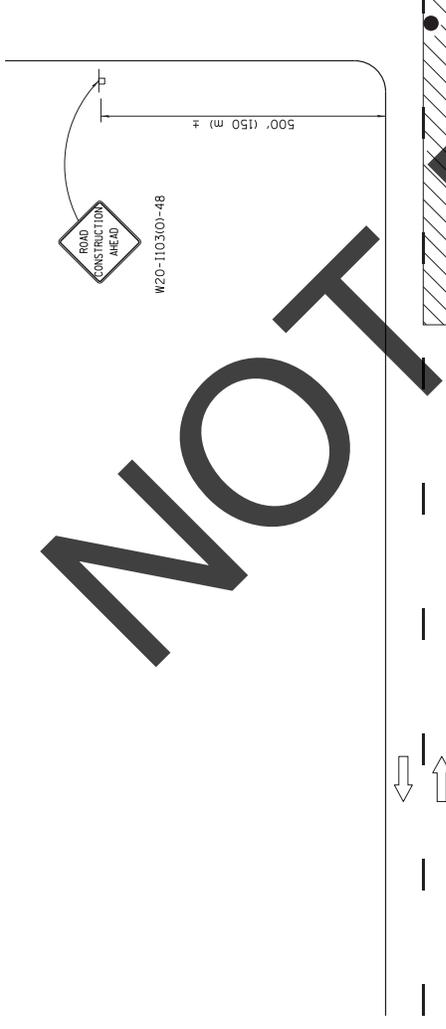
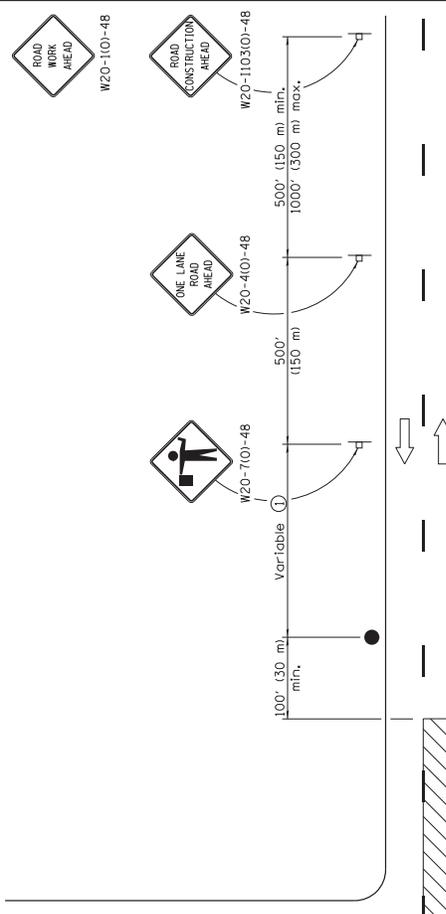
#### LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

#### MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

# NOT FOR BID



**GENERAL NOTES**

This Standard is used where at any time, any vehicle, equipment, workers or their activities require an intermittent or continuous moving operation on the pavement where the average speed of movement is greater than 1 mph (2 km/h) and less than 4 mph (6 km/h).

When the operation does not exceed 60 minutes, traffic control may be according to Standard 701301.

All dimensions are in inches (millimeters) unless otherwise shown.

**TYPICAL APPLICATIONS**

- Bituminous resurfacing
- Milling operations
- Utility operations
- Shoulder operations

**SYMBOLS**

- Work area
- Sign on portable or permanent support
- Flagger with traffic control sign

**REVISIONS**

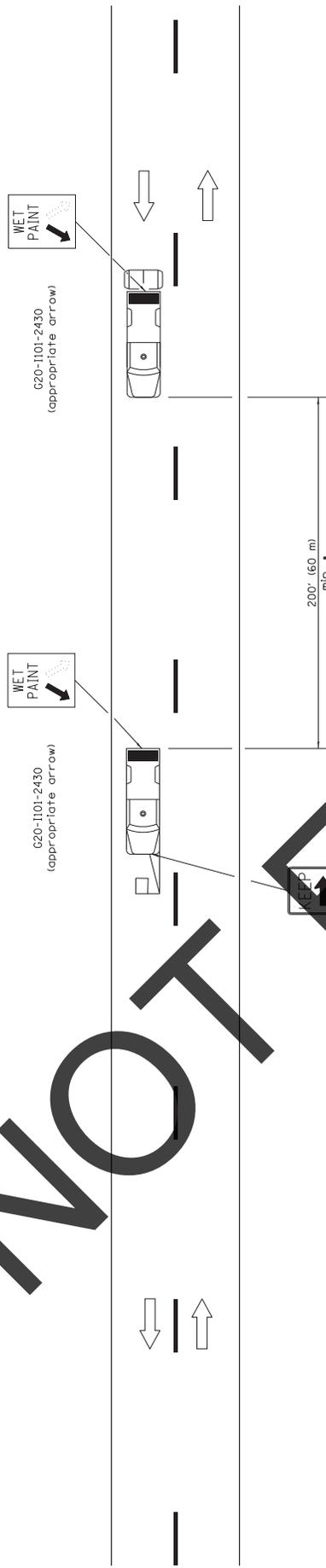
DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).
	Corrected sign No.'s.

**LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH**

STANDARD 701306-03

APPROVED	JANUARY 2011	ISSUED 1-1-97
ENGINEER OF SAFETY ENGINEERING	<i>[Signature]</i>	
APPROVED	JANUARY 2011	
ENGINEER OF DESIGN AND ENVIRONMENT	<i>[Signature]</i>	

# NOT FOR BID



• Distance varies depending on terrain and susceptibility of pavement marking or crack sealant to wheel tracking.

**TYPICAL APPLICATIONS**

- Landsliding work
- Utility work
- Pavement marking
- Seed spraying
- Radometer measurements
- Debris cleanup
- Crack pouring

**SYMBOLS**

- Arrow board (Hazard Mode only)
- Truck with headlights, emergency flashers, and flashing amber light.
- Variable frame all directions
- 18x18 (450x450) min. orange flag (use when guide wheel is used)
- Truck mounted attenuator

**GENERAL NOTES**

This Standard is used where any vehicle, equipment, workers or their activities will require a continuous moving operation where the average speed is greater than 3 mph (5 km/h).

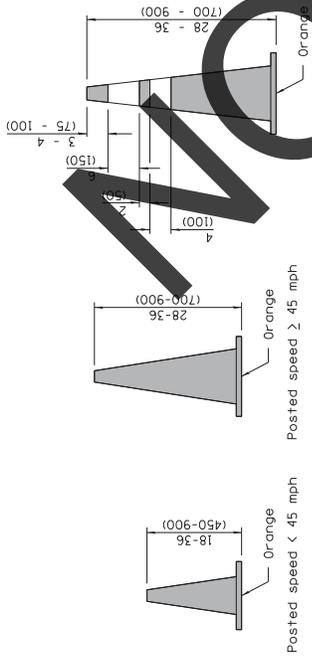
For shoulder operations not encroaching on the pavement, use DETAIL A, Standard 701426. All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to English (metric). Omitted Pass With Care sign.
1-1-00	Elim. speed restrictions in Standard title.

**LANE CLOSURE 2L, 2W MOVING OPERATIONS- DAY ONLY**

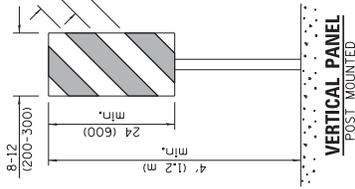
STANDARD 701311-03

Illinois Department of Transportation APPROVED _____ 2009 ENGINEER OF OPERATIONS APPROVED _____ 2009 ENGINEER OF DESIGN AND ENVIRONMENT	ISSUED 1-1-97
---	---------------

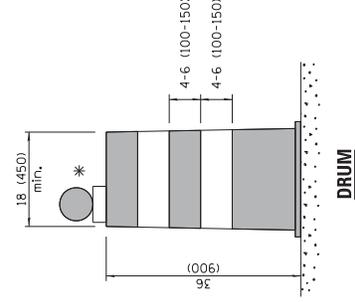


**COME FOR DAYTIME**

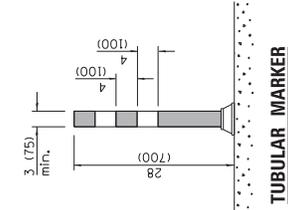
**REFLECTORIZED CONE FOR NIGHTTIME**



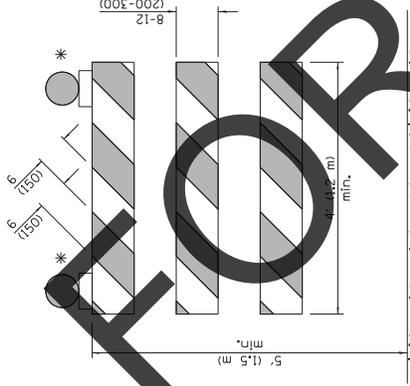
**VERTICAL PANEL POST-MOUNTED**



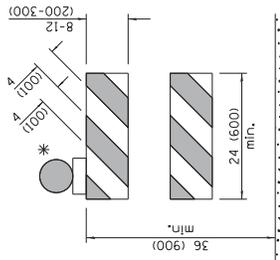
**DRUM**



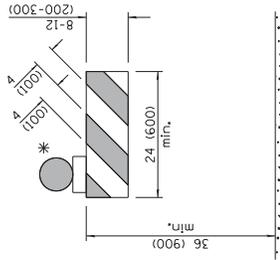
**TUBULAR MARKER**



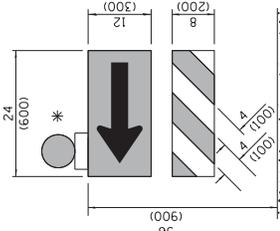
**TYPE III BARRICADE**



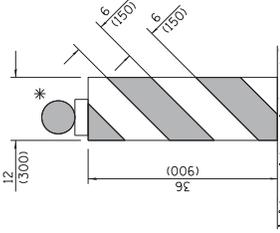
**TYPE II BARRICADE**



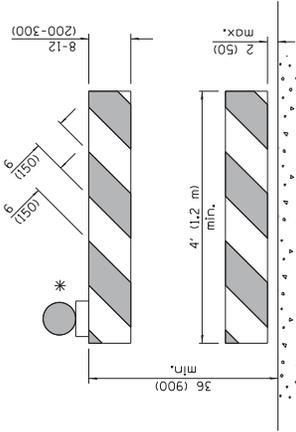
**TYPE I BARRICADE**



**DIRECTION INDICATOR BARRICADE**



**VERTICAL BARRICADE**



**DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE**

\* Warning lights (if required)

**GENERAL NOTES**  
All heights shown shall be measured above the pavement surface.  
All dimensions are in inches (millimeters) unless otherwise shown.

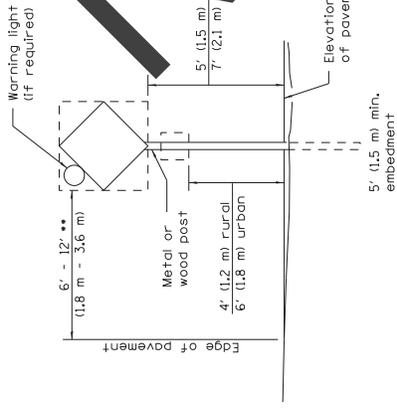
DATE	REVISIONS
1-1-17	Changes FLEXIBLE DELINEATOR TO TUBULAR MARKER.
4-1-16	Add dims to barricades. Rev. note for post mnt. signs.
	Rev. cone dths. Add W2-II03.

**TRAFFIC CONTROL DEVICES**

(Sheet 1 of 3)

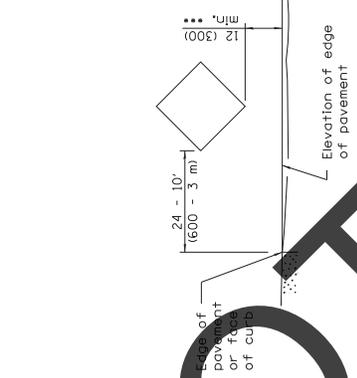
**STANDARD 701901-06**

Illinois Department of Transportation APPROVED: <i>[Signature]</i> JANUARY 1, 2017 ENGINEER OF OPERATIONS APPROVED: <i>[Signature]</i> JANUARY 1, 2017 ENGINEER OF DESIGN AND ENVIRONMENT	ISSUED 1-1-97
---	---------------



**POST MOUNTED SIGNS**

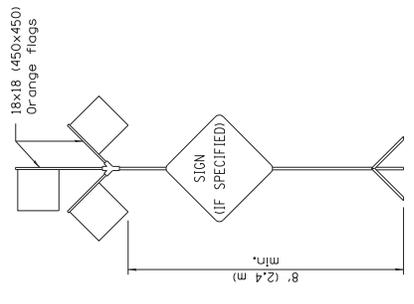
.. When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



**SIGNS ON TEMPORARY SUPPORTS**

... When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.

**HIGH LEVEL WARNING DEVICE**



ROAD CONSTRUCTION NEXT X MILES  
G20-1104(O)-6036

END CONSTRUCTION  
G20-1105(O)-6024

This signing is required for all projects 2 miles (3200 m) or more in length.  
ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.  
END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).  
Dual sign displays shall be utilized on multi-lane highways.

**WORK LIMIT SIGNING**

WORK ZONE	W21-1105(O)-3618
SPEED LIMIT	R2-1-3648
XX	
PHOTO ENFORCED	R10-1108p-3618
SXXX FINE MINIMUM	R2-1-106p-3618

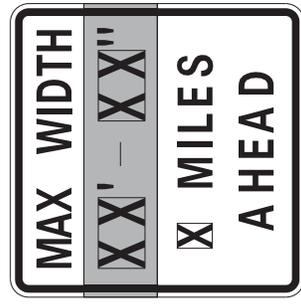
Sign assembly as shown on Standards or as allowed by District Operations.

END WORK ZONE SPEED LIMIT	G20-1103(O)-6036
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This sign shall be used when the above sign assembly is used.

**HIGHWAY CONSTRUCTION SPEED ZONE SIGNS**

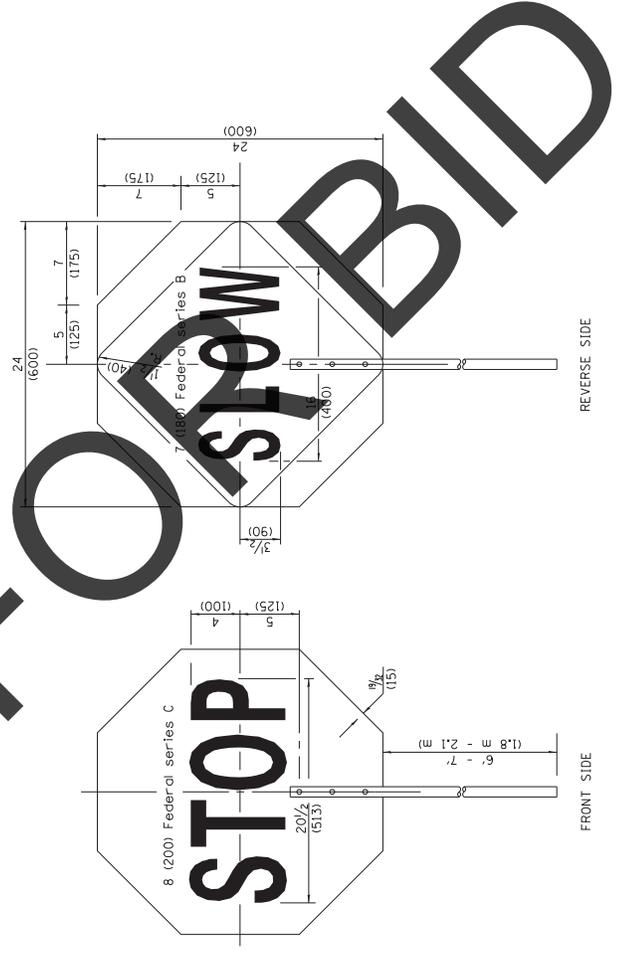
.... R10-1108p shall only be used along roadways under the Jurisdiction of the State.



W12-1103-4848

**WIDTH RESTRICTION SIGN**

XX'-XX" width and X miles are variable.



**FLAGGER TRAFFIC CONTROL SIGN**

APPROVED	JANUARY 1, 2017
ENGINEER OF OPERATIONS	<i>John Kelly</i>
APPROVED	JANUARY 1, 2017
ENGINEER OF DESIGN AND ENVIRONMENT	<i>Thomas J. Kelly</i>

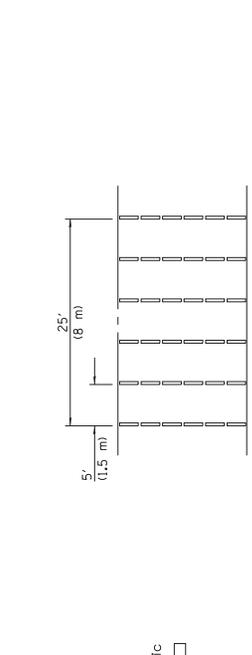
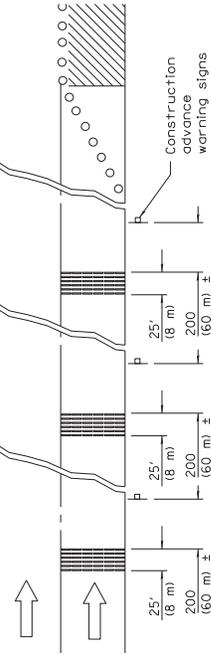
FRONT SIDE

REVERSE SIDE

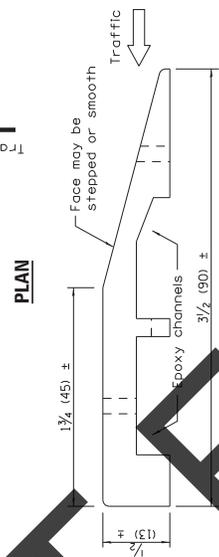
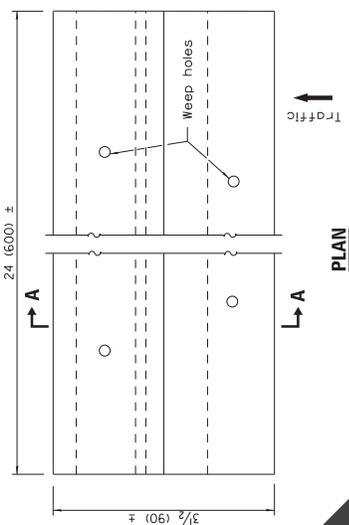
**TRAFFIC CONTROL DEVICES**

(Sheet 2 of 3)

STANDARD 701901-06

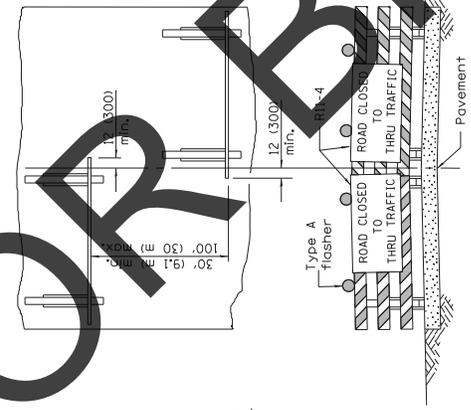


TYPICAL INSTALLATION



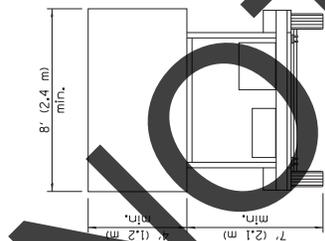
SECTION A-A

TEMPORARY RUMBLE STRIPS

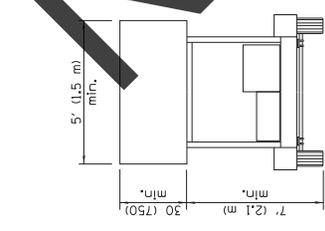


ROAD CLOSED TO THRU TRAFFIC

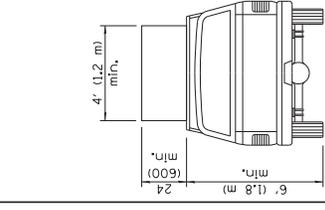
ReflectORIZED striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.



TYPE C TRAILER MOUNTED

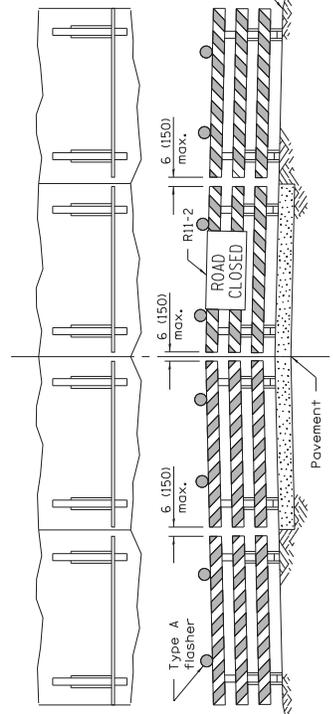


TYPE B ROOF OR TRAILER MOUNTED



TYPE A ROOF MOUNTED

ARROW BOARDS



ROAD CLOSED TO ALL TRAFFIC

ReflectORIZED striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on NCHRP 350 temporary sign support directly in front of the barricade.

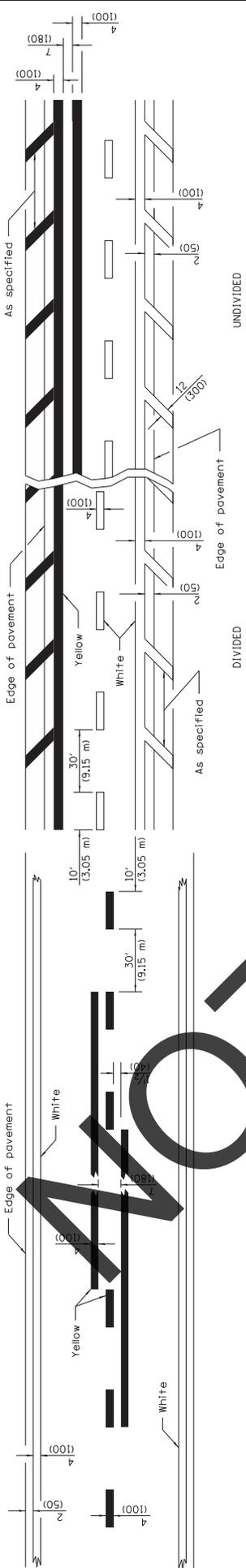
TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

Illinois Department of Transportation APPROVED: <i>[Signature]</i> JANUARY 1, 2017 ENGINEER OF OPERATIONS APPROVED: <i>[Signature]</i> JANUARY 1, 2017 ENGINEER OF DESIGN AND ENVIRONMENT	ISSUED 1-1-97
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TRAFFIC CONTROL DEVICES

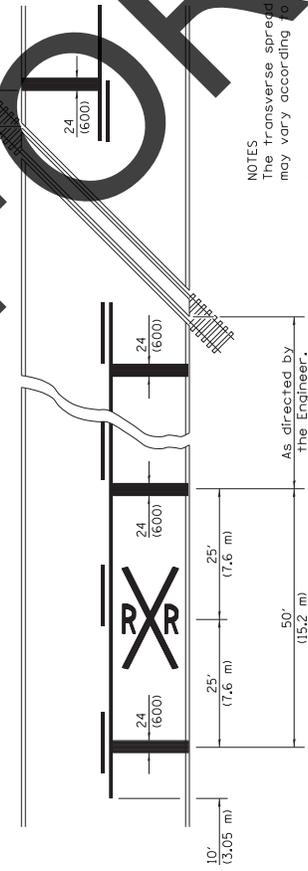
(Sheet 3 of 3)

STANDARD 701901-06



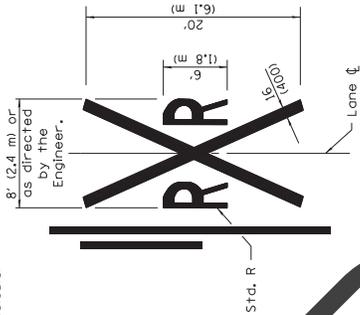
**LANE AND EDGE LINES**

Approximately 15' (4.5 m) from nearest rail or 8' (2.4 m) back from gate, if present. Stop line placed perpendicular to center line.



**NOTES**

- The transverse spread of the "x" may vary according to lane width.
- On multi-lane roads, the stop lines shall extend across all approach lanes and separate RR symbols shall be placed adjacent to each other on each lane.
- When the pavement marking symbol is used, a portion of the symbol should be located directly adjacent to the Advance Warning Sign (A10-1) as placed by Table 2C-4, Condition B of the MUTCD.



**PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING**

DATE	REVISIONS
1-1-15	Added Symbols, Revised bike symbol, Revised note for stop line at RR crossing.
1-1-14	Added bike symbol, Renamed 'LANE DROP ARROW' detail to 'LANE-REDUCTION ARROW'.

All dimensions are in inches (millimeters) unless otherwise shown.

**TYPICAL PAVEMENT MARKINGS**

STANDARD 780001-05  
(Sheet 1 of 3)

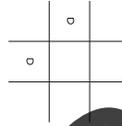
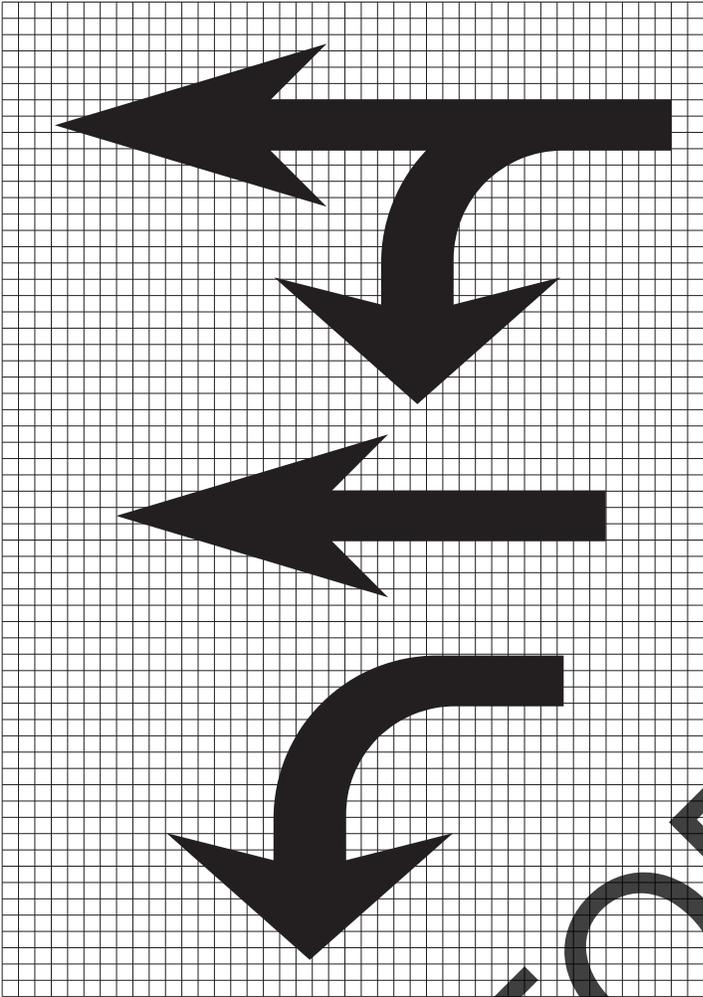
Illinois Department of Transportation

APPROVED January 1, 2015  
ENGINEER OF OPERATIONS

APPROVED January 1, 2015  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

A B C D E F G H I J  
 K L M N O P Q R S  
 T U V W X Y Z 1 2  
 3 4 5 6 7 8 9 0



The space between adjacent letters or numerals should be approximately 3 (75) for 6' (1.8 m) legend and 4 (100) for 8' (2.4 m) legend.

Legend Height	Arrow Size	a
6' (1.8 m)	Small	2.9 (74)
8' (2.4 m)	Large	3.8 (96)

**LETTER AND ARROW GRID SCALE**

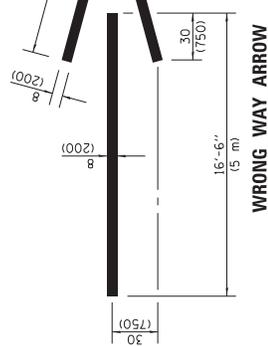
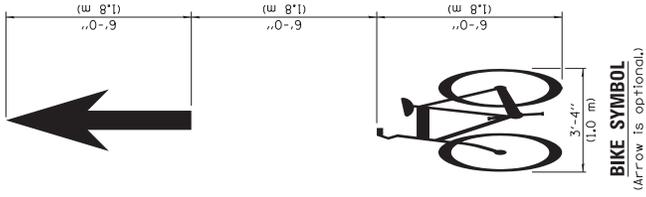
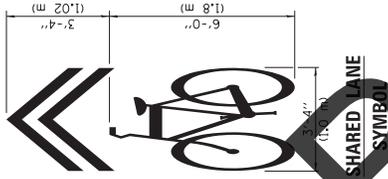
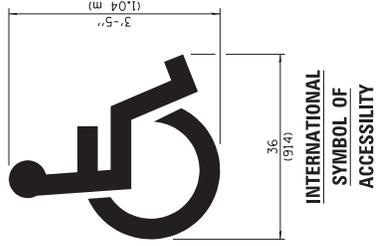
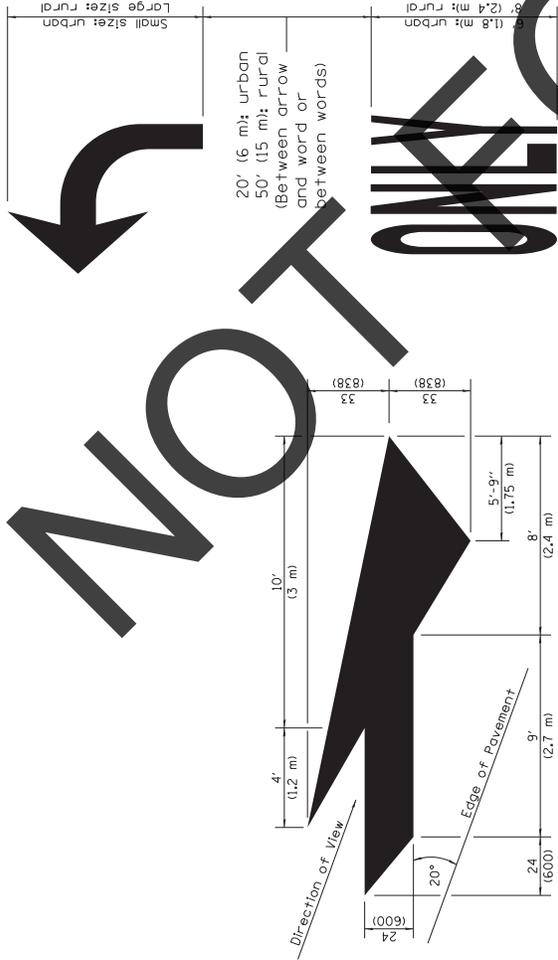
Illinois Department of Transportation  
 APPROVED January 1, 2015  
 ENGINEER OF OPERATIONS  
 APPROVED January 1, 2015  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

**TYPICAL PAVEMENT MARKINGS**

(Sheet 2 of 3)

STANDARD 780001-05



NOT ONLY OR BID

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED  
 MOTOR FUEL TAX  
 PROGRAM PROJECT**  
 SECTION: 17-07000-00-GM, GROUP IV  
 TOWNSHIP ROAD TR 91 - MCARDLE ROAD  
 GRUNDY COUNTY  
 GOOSE LAKE TOWNSHIP  
 ROAD CLASSIFICATION - LOCAL ROAD  
 ADT: 225  
 DESIGN SPEED - 30 M.P.H.

INDEX OF SHEETS

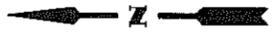
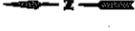
- 1 COVER SHEET, INDEX OF SHEETS, STANDARDS, LOCATION MAP
- 2 SUMMARY OF QUANTITIES, TYPICAL CROSS SECTION
- 3 TYPICAL ENTRANCE DETAIL, TYPICAL INTERSECTION DETAIL, TYPICAL MAILBOX TURNOUT DETAIL

STANDARDS

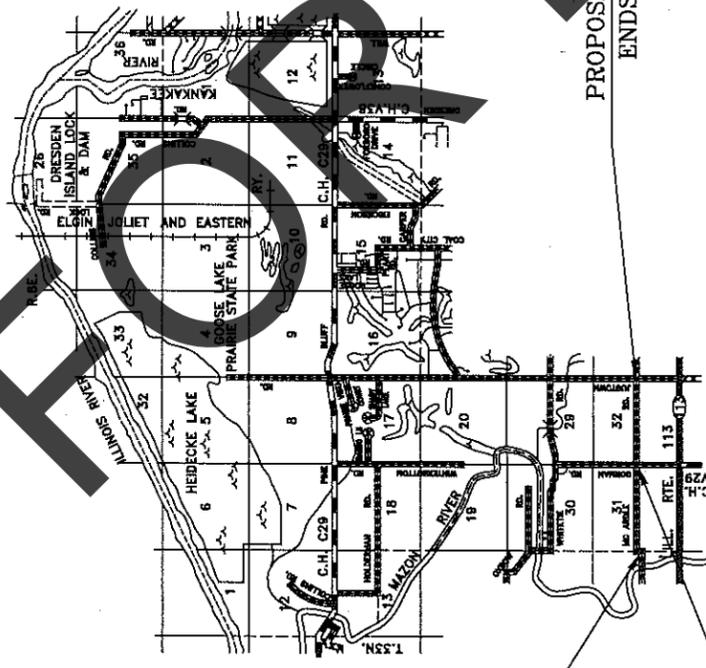
- 701306-03 LANE CLOSURE, 2 LANE, 2 WAY, SLOW MOVING OPERATIONS, DAY ONLY
- 701311-03 LANE CLOSURE, 2 LANE, 2 WAY, MOVING OPERATION, DAY ONLY
- 701901-06 TRAFFIC CONTROL DEVICES, 3 SHEETS
- 780001-05 TYPICAL PAVEMENT MARKINGS, 3 SHEETS

NETTLE CREEK	SARATOGA	AUX SABLE
ERIENNA	MORRIS	GOOSE LAKE
NORMAN	WAUPONSEE	FELIX
VIENNA	MAZON	BRACEVILLE
HIGHLAND	GOODFARM	GREENFIELD

GRUNDY COUNTY



North  
Scale: AS NOTED



LOCATION MAP

GROSS LENGTH: 10,639 FEET = 9.015 MILES  
 OMISSIONS: 58 FEET = 0.011 MILES  
 NET LENGTH: 10,581 FEET = 2.004 MILES



UTILITIES

JULIETTE SYSTEM - THE TOLL FREE TELEPHONE NUMBER FOR JOINT UTILITY LOCATING INFORMATION FOR EXCAVATOR IS 800-892-0123

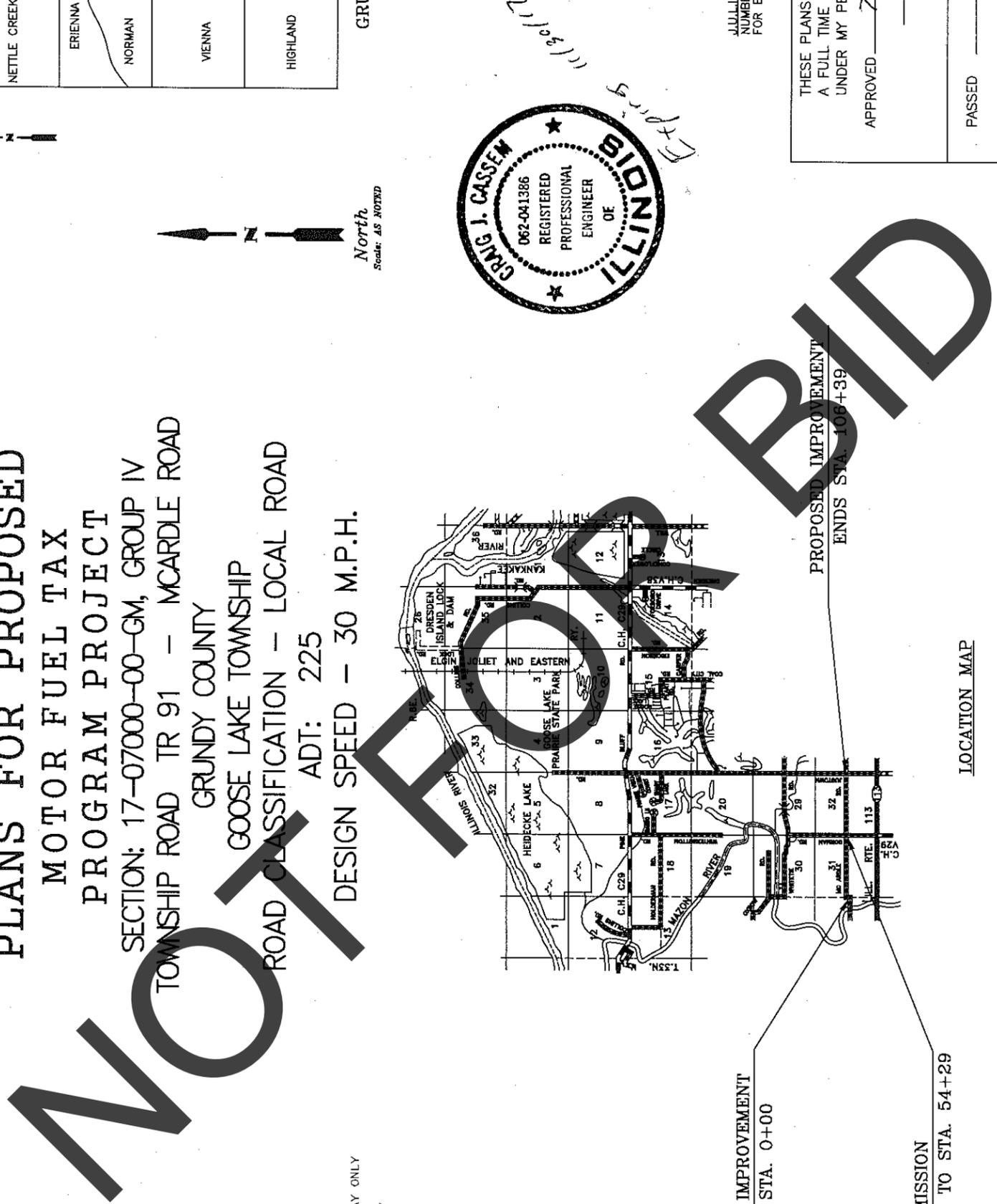
THESE PLANS WERE PREPARED BY ME OR BY A FULL TIME MEMBER OF MY STAFF WORKING UNDER MY PERSONAL SUPERVISION.

APPROVED: 7/29/17 Craig J. Cassem 2017  
 CRAIG J. CASSEM  
 GRUNDY COUNTY ENGINEER

PASSED \_\_\_\_\_ 20 \_\_\_\_\_  
 DISTRICT ENGINEER OF LOCAL ROADS & STREETS

APPROVED \_\_\_\_\_ 20 \_\_\_\_\_  
 DISTRICT ENGINEER

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



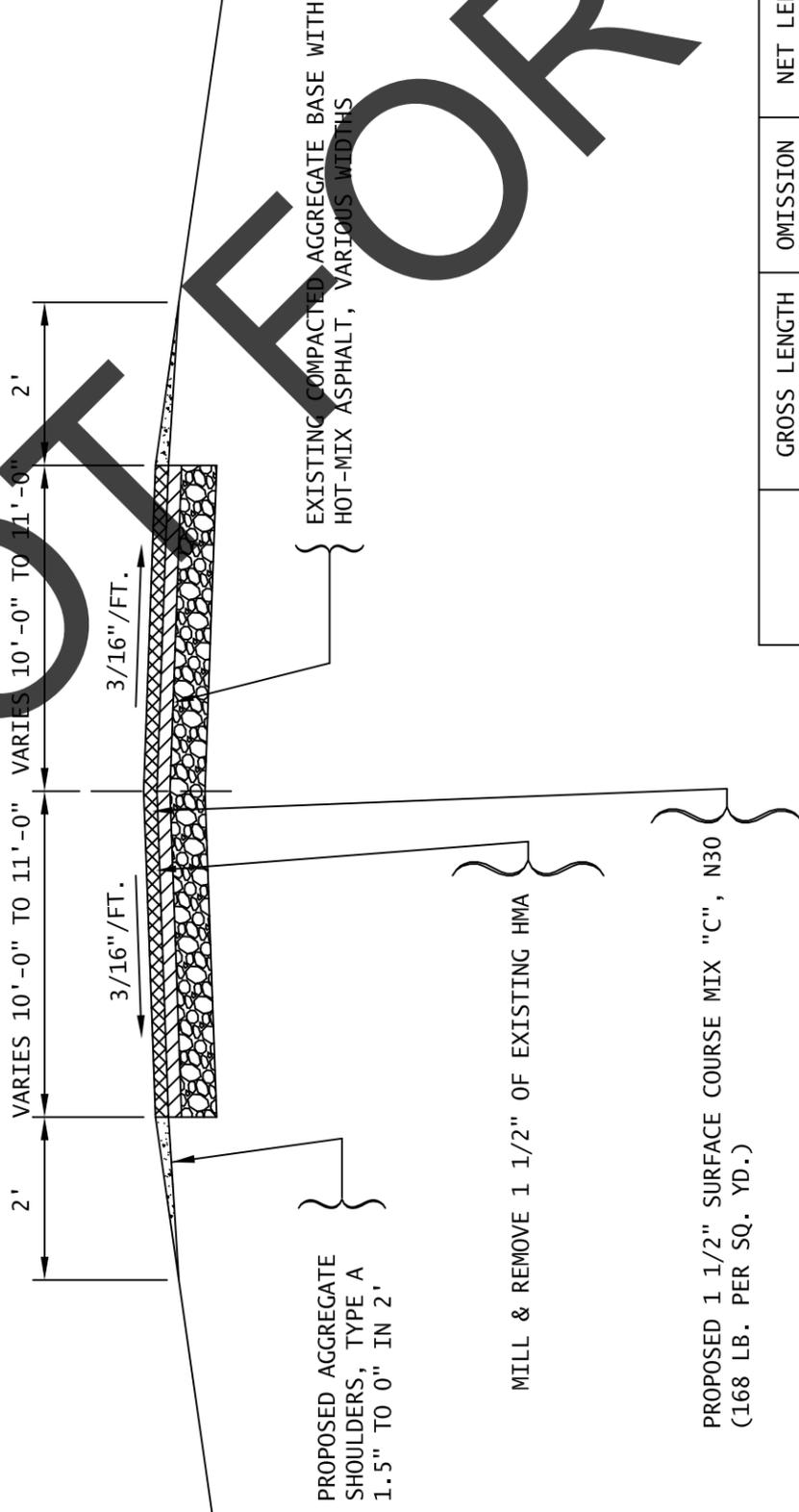
# TYPICAL CROSS SECTION SHEET

PLAN  
 PROFILE, HOR. 1 INCH = FT.  
 PROFILE, VERT. 1 INCH = FT.

SCALES  
 1 INCH = FT.  
 1 INCH = FT.  
 1 INCH = FT.

TYPICAL CROSS SECTION

TR 91



SUMMARY OF QUANTITIES

PAVEMENT REMOVAL	24,880	SQ. YD
RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	131	EACH
BITUMINOUS MATERIALS (PRIME COAT)	11,287	POUNDS
AGGREGATE (PRIME COAT)	50	TON
AGGREGATE SHOULDERS, TYPE B	784	TON
SHORT-TERM PAVEMENT MARKING	1,058	FOOT
EPOXY PAVEMENT MARKING 4"	25,703	FOOT
RAISED REFLECTIVE PAVEMENT MARKER	141	EACH
HMA SURFACE COURSE MIX "C" N30	2,609	TON

PG GRADE AND RAP % FOR BITUMINOUS MIXES

MIX	PG GRADE	MAXIMUM % RAP
LEVEL BINDER	58-22	15
BINDER COURSE	58-22	15
SURFACE COURSE	58-22	15
PATCHING	58-22	25
BASE COURSE AND WIDENING	58-22	25

\* SEE PROPOSAL FOR SPECIFICATIONS

ROUTE	GROSS LENGTH FEET	OMISSION FEET	NET LENGTH FEET	MILES
TR 91	10,639	58	10,581	2.004
TOTALS	10,639	58	10,581	2.004

SUBMITTED \_\_\_\_\_ 20\_\_

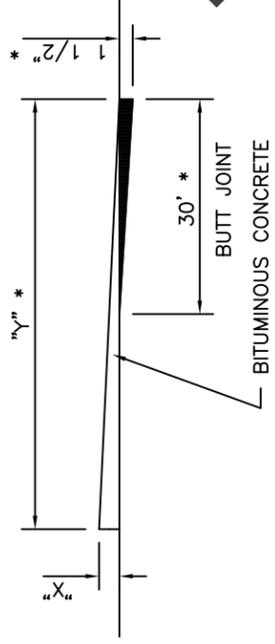
APPROVED \_\_\_\_\_ 20\_\_

HIGHWAY COMMISSIONER

DISTRICT/REGIONAL ENGINEER

COUNTY ENGINEER

**TYPICAL TAPER AT BUTT JOINT**



"X" = PROPOSED PAVEMENT THICKNESS

TABLE	
"X"	"Y"
1"	20'
1 1/2"	30'
2"	40'
2 1/2"	50'
3"	60'
3 1/2"	70'
4"	80'

\* NOTE: SEE TABLE BELOW FOR DEPTHS. BUTT JOINTS AT PRIVATE ENTRANCES SHALL BE 18" x 1" DEEP.

DEPTH	LOCATION	LENGTH	SIDE	SQ. YD.
NONE				

**TYPICAL PRIVATE ENTRANCE**

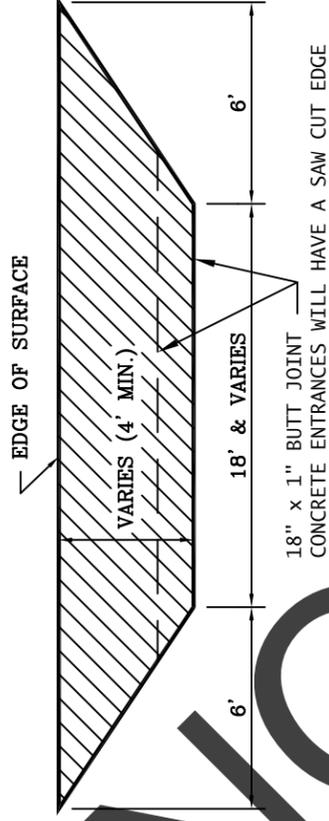


TABLE OF PRIVATE ENTRANCES

LOCATION	STATION	SIDE	SURFACE TYPE	SQ. YD.
NONE				

**TYPICAL FIELD ENTRANCE DETAIL**

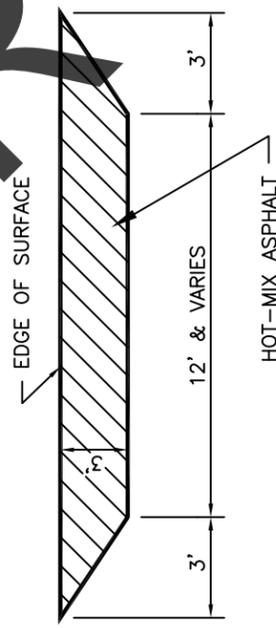


TABLE OF FIELD ENTRANCES

LOCATION	STATION	SIDE	SQ. YD.
NONE			

**TYPICAL INTERSECTION DETAIL**

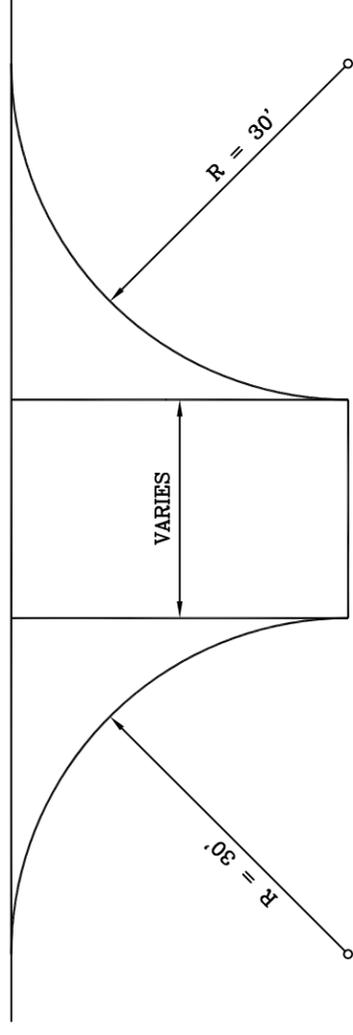


TABLE OF INTERSECTIONS

LOCATION	STATION	SIDE	SQ. YD.
NONE			

**TYPICAL MAILBOX TURNOUT**

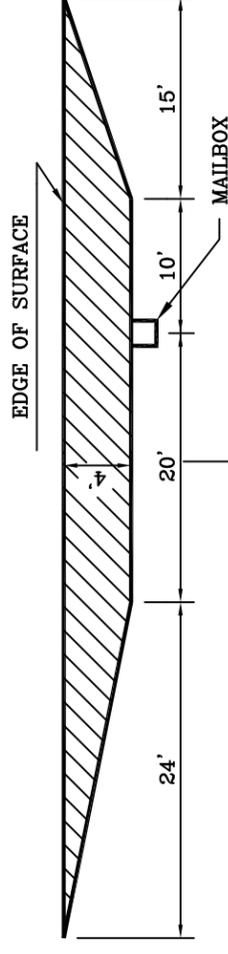


TABLE OF MAILBOX TURNOUTS

LOCATION	STATION	SIDE	SQ. YD.
TR 91			
2 LOCATIONS @			
18 SQ. YD. EACH	VARIES	LT & RT	36
TOTAL			36

STATE OF ILLINOIS  
COUNTY OF GRUNDY  
COUNTY ENGINEER

DRAWN: B.M.T. CHECKED: C.J.C. SCALE: NONE DATE: 7-20-17

REVISED: