

This packet is not for bid and is to be only used as a reference.

Please request a formal bid packet by emailing Cody Doran

@

cdoran@grundyco.org



Local Public Agency Material Proposal or Deliver & Install Proposal



Proposal Submitted By:

Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

County

Section Number

Grundy County & Various Townships

Grundy

22-XX000-00-GM

Street Name/Road Name

Type of Funds

Various

MFT and Local

Material proposal Deliver and Install Proposal Plans

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date

For a Municipal Project

Submitted/Approved/Passed

Signature

Date

Official Title

Department of Transportation

Released for bid based on limited review

Regional Engineer Signature

Date

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

Local Public Agency	County	Section Number
Grundy County & Various Townships	Grundy	22-XX000-00-GM

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of Grundy County Highway Department
 245 N. IL. Rt. 47 Morris, IL. 60450 Name of Office
 until 10:40 AM on 03/17/22
Address Time Date

1. Plans and proposal forms will be available in the office of
Grundy County Highway Department: 245 N. IL. Rt. 47 Morris, IL. 60450
22-XX000-00-GM: Fiber Asphalt Crack Filling

2. 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 Material/Deliver and Install Proposals.
4. A proposal guaranty in the proper amount, as specified in the BLRS Special Provision for Bidding Requirements and Conditions for Material/Deliver and Install Proposals, will be required. See the attached Special Provisions for specific instructions for proposal guaranty for this proposal packet.
5. The successful bidder at the time of execution of the contract will be required to deposit a contract bond of proposal guaranty as provided for in the special provisions. Failure on the part of the contractor to deliver the material within the time specified or to do the work specified herein will be considered just cause to forfeit his surety as provided in Article 108.10 of the Standard Specifications.
6. Proposals shall be submitted on forms furnished by the Awarding Authority and shall be enclosed in an envelope endorsed "Material Proposal, Section 22-XX000-00-GM".

By Order of Awarding Authority	County Engineer/Superintendent of Highways/ Municipal Clerk	Date
<u>The Highway Committee/Grundy County Board</u>	<u>Eric Gibson</u>	<u>02/11/22</u>

Material Proposal or Deliver & Install Proposal

To
 Awarding Authority
The Highway Committee/Grundy County Board

Awarding Authority Address	City	State	Zip Code
<u>245 N. IL. Rt. 47</u>	<u>Morris</u>	<u>IL</u>	<u>60450</u>

- If this bid is accepted within 45 days from the date of opening, the undersigned agrees to furnish or to deliver & install any or all of the materials, at the quoted unit prices, subject to the following:
- It is understood and agreed that the "Standard Specifications for Road and Bridge Construction", adopted 01/01/22 and the "Supplemental Specifications and Recurring Special Provisions", adopted 01/01/22, prepared by the Department of Transportation, shall govern insofar as they may be applied and insofar as they do not conflict with the special provision and supplemental specifications attached hereto.
 - It is understood that quantities listed are approximate only and that they may be increased or decrease as may be needed to properly complete the improvement within its present limits or extensions thereto, at the unit prices stated and that bids will be compared on the basis of total price bid for each group.
 - Delivery in total or partial shipments as ordered shall be made within the time specified in the special provisions or by the acceptance at the point and in the manner specified in the "Schedule of Prices". If delivery on the job site is specified, it shall mean any place or paces on the road designed by the awarding authority or its authorized representative.
 - The contractor and/or local public agency performing the actual material placement operations shall be responsible for providing work zone traffic control, unless otherwise specified in this proposal. Such devices shall meet the requirements of and be installed in accordance with applicable provisions of the "Illinois Manual on Uniform Traffic Control Devices" and any referenced Illinois Highway Standards.

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- 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. A bid will be declared unacceptable if neither a unit price nor a total price is shown.
- A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. The proposal guaranty as specified in the special provisions is attached.

If a bid bond is allowed or required, Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: Grundy County Treasurer of Grundy County

The amount of the check is _____ (_____).

Attach Cashier's Check or Certified Check Here

In the event that one proposal guaranty check is intended to cover two or more bid proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual bid proposal. If the proposal guaranty check is placed in another bid proposal, state below where it may be found.

The proposal guaranty check will be found in the bid proposal for: Section Number _____).

Discounts will be allowed for payment as follows: _____ calendar days _____ calendar days

Discounts will not be considered in determining the low bidder

Bidder

By

Title

Address

City

State

Zip Code

Not For Bid



Local Public Agency	County	Section Number
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WE, _____ as PRINCIPAL, and _____ as SURETY, are held jointly, severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") 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 LPA 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 LPA 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 LPA 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 LPA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LPA 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 _____ of _____ Day _____ Month and Year

Principal

Company Name
Signature
Date
Title

Company Name
Signature
Date
Title

(If Principal 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

Signature of Attorney-in-Fact
Date

STATE OF IL
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 _____ Month and Year

(SEAL)

Notary Public Signature

Date commission expires _____

Local Public Agency

County

Section Number

Grundy County & Various Townships

Grundy

22-XX000-00-GM

ELECTRONIC BID BOND

Electronic bid bond is allowed (box must be checked by LPA 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 LPA 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

Date

--

--

Title

--

Not For Bid



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

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	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
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.

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

Notary

I, being duly sworn, do hereby declare 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.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

Add pages for additional contracts



Local Public Agency	County	Section Number
Grundy County & Various Townships	Grundy	22-XX000-00-GM

Material Proposal Schedule of Prices

Group No.	Item(s)	Delivery	Unit	Quantity	Unit Price	Total
A	Aux Sable, 22-01000-00-GM	Applied on Road				
-	Crack Fill (Fiber Asphalt)		Lb	41,964.02		
B	Felix, 22-04000-00-GM	Applied on Road				
-	Crack Fill (Fiber Asphalt)		Lb	20,606.06		
C	Goose Lake, 22-07000-00-GM	Applied on Road				
-	Crack Fill (Fiber Asphalt)		Lb	12,514.2		
D	Saratoga, 22-15000-00-GM	Applied on Road				
-	Crack Fill (Fiber Asphalt)		Lb	20,028.41		
E	Wauponsee, 22-17000-00-GM	Applied on Road				
-	Crack Fill (Fiber Asphalt)		Lb	3,835.23		
F	Grundy Co. 22-00000-00-GM	Applied on Road				
-	Crack Fill (Fiber Asphalt)		Lb	45,359.85		
-						
-						
-						

Add Row

The undersigned firm certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois, 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. The undersigned firm further certifies that it is not barred from contracting with any unit of State or local government as a result of a violation of State laws prohibiting bid-rigging or bid rotating.

Signature of Bidder			Date
Address	City	State	Zip Code

For
Bid

<i>Crack Fill</i>	ft	Lbs
N. Tabler Rd: Route 6 to Minooka Rd	Length 16,234.00	15,373.11
Sand Ridge Rd: Tabler Rd to Cul-de-sac	Length 5,320.00	5,037.88
Sand Ridge Rd: Route 6 to Tabler Rd	Length 4,250.00	4,024.62
Oak Lane: Tabler to Cul-de-sac	Length 720.00	681.82
Minooka Rd: Brisbin to O'Brien	Length 12,360.00	11,704.55
Dresden Acres Subdivision Aux Sable Dr	Length 1,830.00	1,732.95
Kings Rd	Length 807.00	764.20
Dresden Dr.	Length 908.00	859.85
Queens Ln.	Length 620.00	587.12
Commercial Rd.	Length 1,265.00	1,197.92

Total lbs 41,964.02

Grundy County
Felix Township

Material Proposal Schedule of Quantities
22-04000-00 GM

Crack Fill

	ft	Lbs
Carbon Hill Rd: Rt 113 to McArdle Rd.	Length 2,500.00	2,367.42
Carbon Hill Rd: N. of Carbon Hill to Whitetie Rd.	Length 3,370.00	3,191.29
Jugtown Rd: Rt 113 to Whitetie Rd.	Length 7,890.00	7,471.59
Coal City Rd: Whitetie Rd. to Goose Lake Twp. Line	Length 8,000.00	7,575.76

Total lbs 20,606.06

Not For Bid

Grundy County

Goose Lake Township

Material Proposal Schedule of Quantities

22-07000-00 GM

	ft	Lbs
<i>Crack Fill</i>		
Will Rd: Pine Bluff Rd to 1 mile south	Length 5,280.00	5,000.00
Bargo Rd: Winterbottom Rd to Cul De Sac	Length 2,035.00	1,927.08
North Prairie Rd: Bridge Deck Approaches	Length 200.00	189.39
Jugtoun Rd: Pine Bluff Rd North to Entrance	Length 5,700.00	5,397.73

Total Lbs 12,514.20

Not For Bid

Grundy County
Saratoga Township

Material Proposal Schedule of Quantities
22-15000-00 GM

Crack Fill

Ashley Rd. (Granville Rd to Sherrill Rd)

Length 21,150.00 ft

Total Lbs
20,028.41

Not For Bid

Grunddy County
Waupoosee Township

Material Proposal Schedule of Quantities
22-17000-00 GM

Crack Fill

McArdle Rd: East of Higgins Rd, East to twp line

	ft	Total Lbs
Length	4,050.00	<u>3,835.23</u>

Not
For
Bid

Grundy County

Material Proposal Schedule of Quantities
22-00000-00 GM

Crack Fill

Braceville Rd: Tynan Rd to Rt 129

Length 32,000.00 30,303.03 ft Lbs

Broadway Rd: Braceville Rd to Spring Rd

Length 15,900.00 15,056.82

Total Lbs 45,359.85

Not For Bid



Apprenticeship and Training Program Certification



Local Public Agency	County	Street Name/Road Name	Section Number
Grundy County & Various Townships	Grundy	Various	22-XX000-00-GM

All contractors are required to complete the following certification

For this contract proposal or for all bidding groups in this deliver and install proposal.

For the following deliver and install bidding groups in this material proposal.

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidder's 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:

1. Except as provided in paragraph 4 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.

2. The undersigned bidder further certifies, for work to be performed by subcontract, that each of its subcontractors 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.

3. 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.

4. Except for any work identified above, if any bidder or subcontractor 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 workforces and positions of ownership.

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 afterward 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	Signature	Date	
<div style="border: 1px solid black; height: 20px;"></div>	<div style="border: 1px solid black; height: 40px;"></div>	<div style="border: 1px solid black; height: 40px;"></div>	
Title			
<div style="border: 1px solid black; height: 20px;"></div>			
Address	City	State	Zip Code
<div style="border: 1px solid black; height: 20px;"></div>	<div style="border: 1px solid black; height: 20px;"></div>	<div style="border: 1px solid black; height: 20px;"></div>	<div style="border: 1px solid black; height: 20px;"></div>



Local Public Agency	County	Street Name/Road Name	Section Number
Grundy County & Various Townships	Grundy	Various	22-XX000-00-GM

I, _____ of _____, _____,
Name of Affiant City of Affiant State of Affiant

being first duly sworn upon oath, state as follows:

1. That I am the _____ of _____.
Officer or Position Bidder
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under the proposal described above, _____, will maintain a business office in the
Bidder
 State of Illinois, which will be located in _____ County, Illinois.
County
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	Date

Print Name of Affiant

Notary Public

State of IL

County _____

Signed (or subscribed or attested) before me on _____ by _____
(date)

_____, authorized agent(s) of _____
(name/s of person/s)

Bidder

Signature of Notary Public

(SEAL)

My commission expires _____



Local Public Agency	County	Section Number
Grundy County & Various Townships	Grundy	22-XX000-00-GM

Check this box for lettings prior to 01/01/2022.

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>Reference Page No.</u>
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts	1
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	4
3	<input type="checkbox"/> EEO	5
4	<input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	15
5	<input type="checkbox"/> Required Provisions - State Contracts	20
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	26
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal	27
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	28
9	<input type="checkbox"/> Construction Layout Stakes	29
10	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	32
11	<input type="checkbox"/> Subsealing of Concrete Pavements	34
12	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	38
13	<input type="checkbox"/> Pavement and Shoulder Resurfacing	40
14	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	41
15	<input type="checkbox"/> Polymer Concrete	43
16	<input type="checkbox"/> PVC Pipeliner	45
17	<input type="checkbox"/> Bicycle Racks	46
18	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	48
19	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	50
20	<input type="checkbox"/> English Substitution of Metric Bolts	51
21	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	52
22	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	53
23	<input type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	61
24	<input type="checkbox"/> Digital Terrain Modeling for Earthwork Calculations	77
25	<input type="checkbox"/> Preventive Maintenance - Bituminous Surface Treatment (A-1)	79
26	<input type="checkbox"/> Temporary Raised Pavement Markers	85
27	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	86
28	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	89
29	<input type="checkbox"/> Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	93
30	<input type="checkbox"/> Longitudinal Joint and Crack Patching	96
31	<input type="checkbox"/> Concrete Mix Design - Department Provided	98
32	<input type="checkbox"/> Station Numbers in Pavements or Overlays	99

Local Public Agency	County	Section Number
Grundy County & Various Townships	Grundy	22-XX000-00-GM

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	Reserved	101
LRS 2	<input type="checkbox"/> Furnished Excavation	102
LRS 3	<input checked="" type="checkbox"/> Work Zone Traffic Control Surveillance	103
LRS 4	<input checked="" type="checkbox"/> Flaggers in Work Zones	104
LRS 5	<input checked="" type="checkbox"/> Contract Claims	105
LRS 6	<input type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals	106
LRS 7	<input checked="" type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	112
LRS 8	Reserved	118
LRS 9	<input checked="" type="checkbox"/> Bituminous Surface Treatments	119
LRS 10	Reserved	123
LRS 11	<input checked="" type="checkbox"/> Employment Practices	124
LRS 12	<input checked="" type="checkbox"/> Wages of Employees on Public Works	126
LRS 13	<input checked="" type="checkbox"/> Selection of Labor	128
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks	129
LRS 15	<input checked="" type="checkbox"/> Partial Payments	132
LRS 16	<input checked="" type="checkbox"/> Protests on Local Lettings	133
LRS 17	<input checked="" type="checkbox"/> Substance Abuse Prevention Program	134
LRS 18	<input type="checkbox"/> Multigrade Cold Mix Asphalt	135
LRS 19	<input type="checkbox"/> Reflective Crack Control Treatment	136

Not
For
Bid



Local Public Agency	County	Section Number
Grundy County & Various Townships	Grundy	22-XX000-00-GM

The following Special Provision supplement the "Standard Specifications for Road and Bridge Construction", adopted

January 1, 2022, 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 Specification and Recurring Special Provisions indicated on the Check Sheet included here in which apply to and govern the construction of the above named section, and in case of conflict with any parts, or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

DESCRIPTION OF WORK

The work for this section shall consist of crack routing and filling on various routes throughout Grundy County and various townships.

LOCATION OF WORK

The location of the work shall be as shown on the location maps within these project documents.

PROSECUTION OF WORK

Crack filling shall continue until the planned quantity is used for County and for the Townships. The Engineer, at their discretion, may increase the quantity at the contract unit price if it is necessary to complete the proposed roads listed in this project. The contractor shall report to the Engineer daily how much crack filling quantity is used on each of the County and Township roads separately.

CRACK ROUTING AND FILLING

This work shall be done in accordance to section LR 451 of the Standard Specifications. This work shall be paid for at the contract unit price per foot of CRACK FILLING, which price shall include crack routing, cleaning out of the cracks, and crack filling with fiberized liquid asphalt, and all material, labor and equipment necessary to complete the work described above. Remanufactured block material utilizing polyester fibers will not be accepted.

QUANTITIES

The agencies reserve the right to determine the exact amount of crack filling; however, estimated quantities for each item are given in the proposal.

KEEPING THE ROAD OPEN TO TRAFFIC

The contractor shall keep the road open to traffic except when required by construction activities as approved by the Engineer. When a road closure is necessary, the contractor shall only close one lane of traffic at a given time unless the Engineer approves closing the entire road. The Engineer may adjust the closure requirements at their discretion. The contractor shall use flaggers to control traffic during the lane closures. Flaggers shall also be used for cross roads when lane closures are adjacent to the said side roads. The cost of flaggers shall be included in traffic control protection (see Traffic Control Protection below).

Local Public Agency

County

Section Number

Grundy County & Various Townships

Grundy

22-XX000-00-GM

TRAFFIC CONTROL PROTECTION

Traffic control shall meet IDOT Standards outlined in packet. All costs for traffic control protection including labor, equipment, and material shall not be paid separately but shall be included in the unit price per pound crackfilling (Fiber-Asphalt).

Not
For
Bid

BDE SPECIAL PROVISIONS
For the January 21, 2022 and March 11, 2022 Lettings

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

File Name #	Special Provision Title	Effective	Revised
* 80099 1	<input type="checkbox"/> Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
80274 2	<input type="checkbox"/> Aggregate Subgrade Improvement	April 1, 2012	April 1, 2016
80192 3	<input type="checkbox"/> Automated Flagger Assistance Device	Jan. 1, 2008	
80173 4	<input type="checkbox"/> Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
* 80426 5	<input type="checkbox"/> Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	Jan. 1, 2022
80436 6	<input type="checkbox"/> Blended Finely Divided Minerals	April 1, 2021	
80241 7	<input type="checkbox"/> Bridge Demolition Debris	July 1, 2009	
50261 8	<input type="checkbox"/> Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50481 9	<input type="checkbox"/> Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50491 10	<input type="checkbox"/> Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50531 11	<input type="checkbox"/> Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
80384 12	<input type="checkbox"/> Compensable Delay Costs	June 2, 2017	April 1, 2019
80198 13	<input checked="" type="checkbox"/> Completion Date (via calendar days)	April 1, 2008	
80199 14	<input type="checkbox"/> Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80293 15	<input type="checkbox"/> Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	July 1, 2016
80311 16	<input type="checkbox"/> Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
80261 17	<input type="checkbox"/> Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
80434 18	<input type="checkbox"/> Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
80029 19	<input type="checkbox"/> Disadvantaged Business Enterprise Participation	Sept. 1, 2000	March 2, 2019
80229 20	<input type="checkbox"/> Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
* 80433 21	<input type="checkbox"/> Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
* 80422 22	<input type="checkbox"/> High Tension Cable Median Barrier	Jan. 1, 2020	Jan. 1, 2022
* 80442 23	<input type="checkbox"/> Hot-Mix Asphalt – Start of Production	Jan. 1, 2022	
* 80438 24	<input type="checkbox"/> Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	Sept. 2, 2021
* 80411 25	<input type="checkbox"/> Luminaires, LED	April 1, 2019	Jan. 1, 2022
* 80045 26	<input type="checkbox"/> Material Transfer Device	June 15, 1999	Jan. 1, 2022
80418 27	<input type="checkbox"/> Mechanically Stabilized Earth Retaining Walls	Nov. 1, 2019	Nov. 1, 2020
* 80441 28	<input type="checkbox"/> Performance Graded Asphalt Binder	Jan. 1, 2022	
80430 29	<input type="checkbox"/> Portland Cement Concrete – Haul Time	July 1, 2020	
* 34261 30	<input type="checkbox"/> Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
80395 31	<input type="checkbox"/> Sloped Metal End Section for Pipe Culverts	Jan. 1, 2018	
* 80340 32	<input type="checkbox"/> Speed Display Trailer	April 2, 2014	Jan. 1, 2022
* 80127 33	<input type="checkbox"/> Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
80397 34	<input type="checkbox"/> Subcontractor and DBE Payment Reporting	April 2, 2018	
80391 35	<input type="checkbox"/> Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
80437 36	<input type="checkbox"/> Submission of Payroll Records	April 1, 2021	
* 80435 37	<input type="checkbox"/> Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2022
80410 38	<input type="checkbox"/> Traffic Spotters	Jan. 1, 2019	
* 20338 39	<input type="checkbox"/> Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
80318 40	<input type="checkbox"/> Traversable Pipe Grate for Concrete End Sections	Jan. 1, 2013	Jan. 1, 2018
* 80429 41	<input type="checkbox"/> Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
80439 42	<input type="checkbox"/> Vehicle and Equipment Warning Lights	Nov. 1, 2021	
80440 43	<input type="checkbox"/> Waterproofing Membrane System	Nov. 1, 2021	
80302 44	<input type="checkbox"/> Weekly DBE Trucking Reports	June 2, 2012	Nov. 1, 2021
80427 45	<input checked="" type="checkbox"/> Work Zone Traffic Control Devices	Mar. 2, 2020	
80071 46	<input type="checkbox"/> Working Days	Jan. 1, 2002	

The following special provisions are in the 2022 Standard Specifications and Recurring Special Provisions.

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location(s)</u>	<u>Effective</u>	<u>Revised</u>
80425	Cape Seal	Sections 405, 1003	Jan. 1, 2020	Jan. 1, 2021
80387	Contrast Preformed Plastic Pavement Marking	Articles 780.08, 1095.03	Nov. 1, 2017	
80402	Disposal Fees	Article 109.04(b)	Nov. 1, 2018	
80378	Dowel Bar Inserter	Articles 420.03, 420.05, 1103.20	Jan. 1, 2017	Jan. 1, 2018
80421	Electric Service Installation	Articles 804.04, 804.05	Jan. 1, 2020	
80415	Emulsified Asphalts	Article 1032.06	Aug. 1, 2019	
80423	Engineer's Field Office and Laboratory	Section 670	Jan. 1, 2020	
80417	Geotechnical Fabric for Pipe Underdrains and French Drains	Articles 1080.01(a), 1080.05	Nov. 1, 2019	
80420	Geotextile Retaining Walls	Article 1080.06(d)	Nov. 1, 2019	
80304	Grooving for Recessed Pavement Markings	Articles 780.05, 780.14, 780.15	Nov. 1, 2012	Nov. 1, 2020
80416	Hot-Mix Asphalt – Binder and Surface Course	Sections 406, 1003, 1004, 1030, 1101	July 2, 2019	Nov. 1, 2019
80398	Hot-Mix Asphalt – Longitudinal Joint Sealant	Sections 406, 1032	Aug. 1, 2018	Nov. 1, 2019
80406	Hot-Mix Asphalt – Mixture Design Verification and Production (Modified for I-FIT)	Sections 406, 1030	Jan. 1, 2019	Jan. 2, 2021
80347	Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Sections 406, 1030	Nov. 1, 2014	July 2, 2019
80383	Hot-Mix Asphalt – Quality Control for Performance	Sections 406, 1030	April 1, 2017	July 2, 2019
80393	Manholes, Valve Vaults, and Flat Slab Tops	Articles 602.02, 1042.10	Jan. 1, 2018	Mar. 1, 2019
80424	Micro-Surfacing and Slurry Sealing	Sections 404, 1003	Jan. 1, 2020	Jan. 1, 2021
80428	Mobilization	Article 671.02	April 1, 2020	
80412	Obstruction Warning Luminaires, LED	Sections 801, 822, 1067	Aug. 1, 2019	
80359	Portland Cement Concrete Bridge Deck Curing	Articles 1020.13, 1022.03	April 1, 2015	Nov. 1, 2019
80431	Portland Cement Concrete Pavement Patching	Articles 701.17(e)(3)b, 1001.01(d), 1020.05(b)(5)	July 1, 2020	
80432	Portland Cement Concrete Pavement Placement	Article 420.07	July 1, 2020	
80300	Preformed Plastic Pavement Marking Type D - Inlaid	Articles 780.08, 1095.03	April 1, 2012	April 1, 2016
80157	Railroad Protective Liability Insurance (5 and 10)	Article 107.11	Jan. 1, 2006	
80306	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Section 1031	Nov. 1, 2012	Jan. 2, 2021
80407	Removal and Disposal of Regulated Substances	Section 669	Jan. 1 2019	Jan. 1, 2020
80419	Silt Fence, Inlet Filters, Ground Stabilization and Riprap Filter Fabric	Articles 280.02, 280.04, 1080.02, 1080.03, 1081.15	Nov. 1, 2019	July 1, 2021
80408	Steel Plate Beam Guardrail Manufacturing	Article 1006.25	Jan. 1, 2019	
80413	Structural Timber	Article 1007.03	Aug. 1, 2019	
80298	Temporary Pavement Marking	Section 703, Article 1095.06	April 1, 2012	April 1, 2017
80409	Traffic Control Devices – Cones	Article 701.15(a), 1106.02(b)	Jan. 1, 2019	
80288	Warm Mix Asphalt	Sections 406, 1030, 1102	Jan. 1, 2012	April 1, 2016
80414	Wood Fence Sight Screen	Article 641.02	Aug. 1, 2019	April 1, 2020

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

- 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
- Railroad Protective Liability Insurance
- Training Special Provisions
- Working Days

All Regional Engineers

Scott E. Stitt

Special Provision for Completion Date (via calendar days)

January 14, 2011

This special provision was developed per the recommendations of an FHWA/IDOT Joint Process Review to establish a form of contract time which is based upon a set number of calendar days.

This special provision should be used at the district's discretion and per the guidance in Chapter 66 of the Bureau of Design and Environment Manual.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the April 29, 2011, and subsequent lettings. The Project Development and Implementation Section will include a copy in the contract.

This special provision will be available on the transfer directory January 14, 2011.

80198m

Not
For
Bid

COMPLETION DATE (VIA CALENDAR DAYS) (BDE)

Effective: April 1, 2008

The Contractor shall complete all work on or before the completion date of this contract which will be based upon 15 calendar days.

The completion date will be determined by adding the specified number of calendar days to the date the Contractor begins work, or to the date ten days after execution of the contract, whichever is the earlier, unless a delayed start is granted by the Engineer.

80198

Completion Date: July 31, 2022

Not
For
Bid



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston *Jack A. Elston*
Subject: Special Provision for Work Zone Traffic Control Devices
Date: January 10, 2020

This special provision was developed by the Bureau of Safety Programs and Engineering to update temporary traffic control devices to MASH-16 requirements in accordance with AASHTO and FHWA guidelines.

This special provision should be inserted into all contracts.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the April 24, 2020 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

This special provision will be available on the transfer directory January 10, 2020.

80427m

Not
For
Bid

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Add the following to Article 701.03 of the Standard Specifications:

“(q) Temporary Sign Supports 1106.02”

Revise the third paragraph of Article 701.14 of the Standard Specifications to read:

“For temporary sign supports, the Contractor shall provide a FHWA eligibility letter for each device used on the contract. The letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device. The signs shall be supported within 20 degrees of vertical. Weights used to stabilize signs shall be attached to the sign support per the manufacturer’s specifications.”

Revise the first paragraph of Article 701.15 of the Standard Specifications to read:

“**701.15 Traffic Control Devices.** For devices that must meet crashworthiness standards, the Contractor shall provide a manufacturer’s self-certification or a FHWA eligibility letter for each Category 1 device and a FHWA eligibility letter for each Category 2 and Category 3 device used on the contract. The self-certification or letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device.”

Revise the first six paragraphs of Article 1106.02 of the Standard Specifications to read:

“**1106.02 Devices.** Work zone traffic control devices and combinations of devices shall meet crashworthiness standards for their respective categories. The categories are as follows.

Category 1 includes small, lightweight, channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by crash testing of similar devices or years of demonstrable safe performance. These include cones, tubular markers, plastic drums, and delineators, with no attachments (e.g. lights). Category 1 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 1 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2024.

Category 2 includes devices that are not expected to produce significant vehicular velocity change but may otherwise be hazardous. These include vertical panels with lights, barricades, temporary sign supports, and Category 1 devices with attachments (e.g. drums with lights). Category 2 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 2 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2024.

Category 3 includes devices that are expected to cause significant velocity changes or other potentially harmful reactions to impacting vehicles. These include crash cushions (impact

attenuators), truck mounted attenuators, and other devices not meeting the definitions of Category 1 or 2. Category 3 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 3 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2029. Category 3 devices shall be crash tested for Test Level 3 or the test level specified.

Category 4 includes portable or trailer-mounted devices such as arrow boards, changeable message signs, temporary traffic signals, and area lighting supports. It is preferable for Category 4 devices manufactured after December 31, 2019 to be MASH-16 compliant; however, there are currently no crash tested devices in this category, so it remains exempt from the NCHRP 350 or MASH compliance requirement.

For each type of device, when no more than one MASH-16 compliant is available, an NCHRP 350 or MASH-2009 compliant device may be used, even if manufactured after December 31, 2019.”

Revise Articles 1106.02(g), 1106.02(k), and 1106.02(l) to read:

“(g) Truck Mounted/Trailer Mounted Attenuators. The attenuator shall be approved for use at Test Level 3. Test Level 2 may be used for normal posted speeds less than or equal to 45 mph.

(k) Temporary Water Filled Barrier. The water filled barrier shall be a lightweight plastic shell designed to accept water ballast and be on the Department’s qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings.

(l) Movable Traffic Barrier. The movable traffic barrier shall be on the Department’s qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings. The barrier shall be capable of being moved on and off the roadway on a daily basis.”

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:

Aux Sable Township

Felix Township

Goose Lake Township

Saratoga Township

Wauponsee Township

Grundy County

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

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

SPECIAL PROVISION
FOR
EMULSIFIED ASPHALTS

Effective: January 1, 2007
Revised: February 7, 2008

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.

Replace the table after Note 2 in Article 403.02 with the following:

Type of Construction	Bituminous Materials Recommended for Weather Conditions Indicated	
	Warm [15 °C to 30 °C]* [(60 °F to 85 °F)]*	Hot [30 °C Plus]* [(85 °F Plus)]*
Prime	MC-30, PEP	MC-30, PEP
Cover Coat and Seal Coat	RS-2, CRS-2, RC-800, RC-3000, MC-800, MC-3000, SC-3000, HFE-90, HFE-150, HFE-300, HFRS-2, PEA**	RS-2, CRS-2, RC-800, RC-3000, MC-800, MC-3000, SC-3000, PG46-28, PG52-28, HFE-90, HFE-150, HFE-300, HFRS-2, PEA**

* Temperature of the air in the shade at the time of application.

** PEA is only allowed on roads with low traffic volumes

Replace the table after Note 2 in Article 406.02 with the following:

Type of Construction	Bituminous Materials Recommended
Prime (tack) on Brick, Concrete, or Bituminous Bases (Note 3)	SS-1, SS-1h, CSS-1, CSS-1h, HFE-90, RC-70
Prime on Aggregate Bases (Note 4)	MC-30, PEP
Mixture for Cracks, Joints, and Flangeways	PG58-22, PG64-22

Note 3. When emulsified asphalts are used, they shall be diluted with an equal volume of potable water. HFE emulsions shall be diluted by the manufacturer. The diluted material shall be thoroughly agitated within 24 hours of application and show no separation of water and emulsion. The diluted material shall not be returned to an approved emulsion storage tank.

Note 4. Preparation of the bituminous PEP shall be as specified in Article 403.05.

Replace the table in Article 1032.04 with the following:

Spraying Application Temperature Ranges		
Type and Grade of Bituminous Material	Temperature Ranges	
	°F min. - max.	°C min. - max.
PEP	60 - 130	15 - 55
PEA	140 - 190	60 - 88
MC-30	85 - 190	30 - 90
MC-70, RC-70, SC-70	120 - 225	50 - 105
MC-250, SC-250	165 - 270	75 - 130
MC-800, SC-800	200 - 305	95 - 150
MC-3000, SC-3000	230 - 345	110 - 175
PG46-28	275 - 385	135 - 195
PG52-28	285 - 395	140 - 200
RS-2, CRS-2	110 - 160	45 - 70
SS-1, SS-1h, CSS-1, CSS-1h	75 - 130	25 - 55
SS-1hP, CSS-1hP	75 - 130	25 - 55
HFE-90, HFE-150, HFE-300	150 - 180	65 - 80
HFP, CRSP, HFRS-2	150 - 180	65 - 80
E-2	85 - 190	30 - 90
E-3	120 - 225	50 - 105
E-4	165 - 270	75 - 130

Add subparagraph (g) to Article 1032.06:

- (g) Penetrating Emulsified Asphalt (PEA). The penetrating emulsified asphalt shall meet the following requirements when tested according to AASHTO T59:

Viscosity, Saybolt Fural @ 25°C (77°F),	sec:	20 - 500
Sieve Test, retained on 850 µm (No. 20) sieve, maximum,	%:	0.10
Storage Stability Test, 1 day, maximum,	%:	1
Float Test @ 60°C (140°F), minimum,	sec:	150
Stone Coating Test, 3 minutes,	:	Stone Coated Thoroughly
Particle Charge	:	Negative
pH, minimum	:	7.3
Distillation Test:		
Distillation to 260°C (500°F) Residue, minimum	%:	65
Oil Distillate by Volume, maximum	%:	3
Test on residue from distillation:		
Penetration @ 25°C (77°F), 100 g, 5 sec, minimum	dmm:	300

Replace the last sentence and table of Article 1032.06 with the following:

The different grades are, in general, used for the following.

Grade	Use
SS-1, SS-1h, CSS-1, CSS-1h, HFE 90, SS-1hP, CSS-1hP	Tack or fog seal
PEP	Bituminous surface treatment prime
RS-2, HFE 90, HFE 150, HFE 300, CRSP, HFP, CRS-2, HFRS-2, PEA	Bituminous surface treatment
CSS-1h Latex Modified	Microsurfacing

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 and Streets

SPECIAL PROVISION
FOR
CRACK FILLING BITUMINOUS PAVEMENT WITH FIBER-ASPHALT

Effective: October 1, 1991
Revised: January 1, 2007

All references to Section 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

Filling Cracks (Flexible Pavement). This work consists of cleaning and filling transverse and longitudinal joints and cracks in existing bituminous flexible pavement with fiber modified asphalt cement as shown in the plan details, as directed by the Engineer, and as described herein.

Materials. Materials shall meet the requirement of the following Articles of Section 1000 --
Materials:

Item	Article
(a) Bituminous Materials (Note 1).....	1032.01-1032.05

Note 1 - Asphalt cement shall be PG 58-28, PG 58-22, or PG 64-22.

Fibers should be short cut polypropylene fibers meeting the properties listed below:

Length,	mm:	8 - 12
Denier	:	13 - 16
Crimps	:	None
Tensile Strength, minimum,	MPa (psi):	275 (40,000)
Specific Gravity (typical)	:	0.91
Moisture Regain @ 21 °C (70 °F) and 65% RH (typical)	%:	0.1

The fiber may be accepted on certification from the manufacturer that it meets the specified requirements.

Equipment. An oil jacketed double wall kettle equipped with an agitator (reversing rotary auger action) and separate thermometers for the oil bath and mixing chamber will be required. The unit shall also be equipped with a reversible hydraulic 50 mm (2 inch) hot asphalt pump and a recirculating pump to circulate the oil bath. An air compressor capable of producing a minimum 620 kPa (90 psi) at the end of the discharge hose will be required.

Preparation of Mixture. The fiber modified asphalt cement or fiber-asphalt shall consist of a minimum of 8.0% by weight fiber in the fiber-asphalt mixture. Operating temperatures in the kettle shall be between 124 and 141 °C (255 and 285 °F). The temperature shall never exceed 143 °C (290 °F) as the fibers will melt into the asphalt cement.

Construction Methods. The fiber-asphalt filler shall be applied only when the joints and cracks are dry and free of dirt, vegetation, debris and loose filler. The joints and cracks shall be blown out with the 620 kPa (90 psi) compressed air. The blowing out operations shall be kept close to the filling operations to prevent debris being carried back into the cracks before filling. Routing will not be required. A hot compressed air lance meeting the approval of the engineer may be used to clean the cracks.

The fiber-asphalt filler shall be applied using a pressurized wand delivery system with such devices as necessary to fill the cracks and form a nominal 3 mm (0.125 inch) thick by 75 mm (3 inch) wide overseal band centered so that the center of the 75 mm (3 inch) wide band is within 25 mm (1 inch) of the crack. The fiber-asphalt filler shall be applied taking care to not use excessive material in either thickness or location. The engineer will determine the extent that fine cracks are filled. Care should be taken to not place filler on top of pavement markings, manholes and drainage castings.

The ambient temperature during filling shall be above 4 °C (40 °F) and below 29 °C (85 °F). The filler must cure before being opened to traffic. The contractor may use fine sand, mineral filler or portland cement to dust the filler if necessary to more quickly open the road to traffic. Dusting will be considered incidental.

A technical representative from the fiber manufacturer shall be available for initial filling work. Any suggestions or recommendations shall be submitted to the Engineer for approval.

Method of Measurement. Filling of cracks will be measured for payment in kilograms (pounds) of fiber-asphalt used.

Basis of Payment. This work will be paid for at the contract unit price per kilogram (pound) of FIBER-ASPHALT. The unit price shall include the cleaning of the joints and cracks and the furnishing and placing of the filler.

Grundy County Prevailing Wage Rates posted on 2/2/2022

Trade Title	Rg	Type	C	Base	Foreman	Overtime					H/W	Pension	Vac	Trng	Other Ins
						M-F	Sa	Su	Hol						
ASBESTOS ABT-GEN	All	ALL		45.90	46.90	1.5	1.5	2.0	2.0	16.55	14.71	0.00	0.90		
ASBESTOS ABT-MEC	All	BLD		38.85	41.96	1.5	1.5	2.0	2.0	14.42	12.61	0.00	0.82		
BOILERMAKER	All	BLD		52.61	57.34	2.0	2.0	2.0	2.0	6.97	22.34	0.00	1.40		
BRICK MASON	All	BLD		48.56	53.42	1.5	1.5	2.0	2.0	11.70	21.06	0.00	1.03		
CARPENTER	All	ALL		50.86	55.95	1.5	1.5	2.0	2.0	11.79	24.77	0.00	0.79		
CEMENT MASON	All	ALL		45.00	47.00	2.0	1.5	2.0	2.0	11.15	29.32	0.00	0.55		
CERAMIC TILE FINISHER	All	BLD		42.80	42.80	1.5	1.5	2.0	2.0	11.45	14.27	0.00	0.94		
COMMUNICATION TECHNICIAN	All	BLD		40.00	44.00	1.5	1.5	2.0	2.0	16.19	14.91	0.00	0.75	1.96	
ELECTRIC PWR EQMT OP	All	ALL		56.55	62.05	1.5	1.5	2.0	2.0	12.94	19.11	0.00	3.17		
ELECTRIC PWR GRNDMAN	All	ALL		44.11	62.05	1.5	1.5	2.0	2.0	10.10	14.91	0.00	2.48		
ELECTRIC PWR LINEMAN	All	ALL		56.55	62.05	1.5	1.5	2.0	2.0	12.94	19.11	0.00	3.17		
ELECTRICIAN	All	BLD		48.50	52.87	1.5	1.5	2.0	2.0	16.64	20.26	0.00	1.23	4.21	
ELEVATOR CONSTRUCTOR	All	BLD		51.01	57.39	2.0	2.0	2.0	2.0	16.02	20.21	4.08	0.65		
GLAZIER	All	BLD		47.60	49.10	1.5	2.0	2.0	2.0	14.99	23.55	0.00	1.43		
HEAT/FROST INSULATOR	All	BLD		51.80	54.91	1.5	1.5	2.0	2.0	14.42	15.36	0.00	0.82		
IRON WORKER	All	ALL		46.00	50.60	2.0	2.0	2.0	2.0	12.71	28.01	0.00	1.00		
LABORER	All	ALL		45.90	46.65	1.5	1.5	2.0	2.0	16.55	14.71	0.00	0.90		
LATHER	All	ALL		50.86	55.95	1.5	1.5	2.0	2.0	11.79	24.77	0.00	0.79		
MACHINIST	All	BLD		50.68	53.18	1.5	1.5	2.0	2.0	8.93	8.95	1.85	1.47		
MARBLE FINISHER	All	ALL		37.00	50.10	1.5	1.5	2.0	2.0	11.70	19.10	0.00	0.93		
MARBLE MASON	All	BLD		47.71	52.48	1.5	1.5	2.0	2.0	11.70	20.53	0.00	1.02		
MATERIAL TESTER I	All	ALL		35.90		1.5	1.5	2.0	2.0	16.55	14.71	0.00	0.90		
MATERIALS TESTER II	All	ALL		40.90		1.5	1.5	2.0	2.0	16.55	14.71	0.00	0.90		
MILLWRIGHT	All	ALL		50.86	55.95	1.5	1.5	2.0	2.0	11.79	24.77	0.00	0.79		
OPERATING ENGINEER	All	BLD	1	53.60	57.60	2.0	2.0	2.0	2.0	21.40	18.60	2.00	2.40		
OPERATING ENGINEER	All	BLD	2	52.30	57.60	2.0	2.0	2.0	2.0	21.40	18.60	2.00	2.40		
OPERATING ENGINEER	All	BLD	3	49.75	57.60	2.0	2.0	2.0	2.0	21.40	18.60	2.00	2.40		
OPERATING ENGINEER	All	BLD	4	48.00	57.60	2.0	2.0	2.0	2.0	21.40	18.60	2.00	2.40		
OPERATING ENGINEER	All	BLD	5	57.35	57.60	2.0	2.0	2.0	2.0	21.40	18.60	2.00	2.40		
OPERATING ENGINEER	All	BLD	6	54.60	57.60	2.0	2.0	2.0	2.0	21.40	18.60	2.00	2.40		
OPERATING ENGINEER	All	BLD	7	56.60	57.60	2.0	2.0	2.0	2.0	21.40	18.60	2.00	2.40		

OPERATING ENGINEER	All	FLT		41.00	41.00	1.5	1.5	2.0	2.0	20.90	17.85	2.00	2.15	
OPERATING ENGINEER	All	HWY	1	51.80	55.80	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	HWY	2	51.25	55.80	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	HWY	3	49.20	55.80	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	HWY	4	47.80	55.80	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	HWY	5	46.60	55.80	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	HWY	6	54.80	55.80	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	HWY	7	52.80	55.80	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40	
PAINTER	All	ALL		49.30	55.46	1.5	1.5	1.5	2.0	13.01	14.74	0.00	1.87	
PAINTER - SIGNS	All	BLD		40.74	45.75	1.5	1.5	2.0	2.0	3.04	3.90	0.00	0.00	
PILEDRIVER	All	ALL		50.86	55.95	1.5	1.5	2.0	2.0	11.79	24.77	0.00	0.79	
PIPEFITTER	All	BLD		52.00	55.00	1.5	1.5	2.0	2.0	11.60	21.85	0.00	2.92	
PLASTERER	All	BLD		45.50	48.23	1.5	1.5	2.0	2.0	16.75	19.04	0.00	1.25	
PLUMBER	All	BLD		52.80	55.95	1.5	1.5	2.0	2.0	16.45	16.75	0.00	1.47	
ROOFER	All	BLD		36.58	38.58	1.5	1.5	2.0	2.0	11.58	12.59	0.00	0.64	
SHEETMETAL WORKER	All	BLD		51.83	54.42	1.5	1.5	2.0	2.0	11.22	19.08	0.00	1.45	2.46
SIGN HANGER	All	ALL		22.99	25.29	1.5	1.5	2.0	2.0	3.79	2.50	0.00	0.00	
SPRINKLER FITTER	All	BLD		52.25	55.00	1.5	1.5	2.0	2.0	14.20	18.60	0.00	0.75	
STONE MASON	All	BLD		48.56	53.42	1.5	1.5	2.0	2.0	11.70	21.06	0.00	1.03	
TERRAZZO FINISHER	All	BLD		44.54	44.54	1.5	1.5	2.0	2.0	11.45	16.64	0.00	0.97	
TERRAZZO MASON	All	BLD		48.38	51.88	1.5	1.5	2.0	2.0	11.45	18.10	0.00	1.00	
TILE MASON	All	BLD		49.75	53.75	1.5	1.5	2.0	2.0	11.45	17.98	0.00	1.02	
TRUCK DRIVER	All	ALL	1	41.70	42.25	1.5	1.5	2.0	2.0	10.15	11.39	0.00	0.15	
TRUCK DRIVER	All	ALL	2	41.85	42.25	1.5	1.5	2.0	2.0	10.15	11.39	0.00	0.15	
TRUCK DRIVER	All	ALL	3	42.05	42.25	1.5	1.5	2.0	2.0	10.15	11.39	0.00	0.15	
TRUCK DRIVER	All	ALL	4	42.25	42.25	1.5	1.5	2.0	2.0	10.15	11.39	0.00	0.15	
TUCK POINTER	All	BLD		48.25	49.25	1.5	1.5	2.0	2.0	8.79	20.47	0.00	1.01	

Legend

Rg Region

Type Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers

C Class

Base Base Wage Rate

OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OT Sa Overtime pay required for every hour worked on Saturdays

OT Su Overtime pay required for every hour worked on Sundays

OT Hol Overtime pay required for every hour worked on Holidays

H/W Health/Welfare benefit

Vac Vacation

Trng Training

Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

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 Years 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, Blastrac 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; Autograde; 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, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; 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 Screed; 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 or 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; Roiler, 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; Stump 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

Diver, Diver Wet Tender, Diver Tender, ROV Pilot, ROV Tender

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:

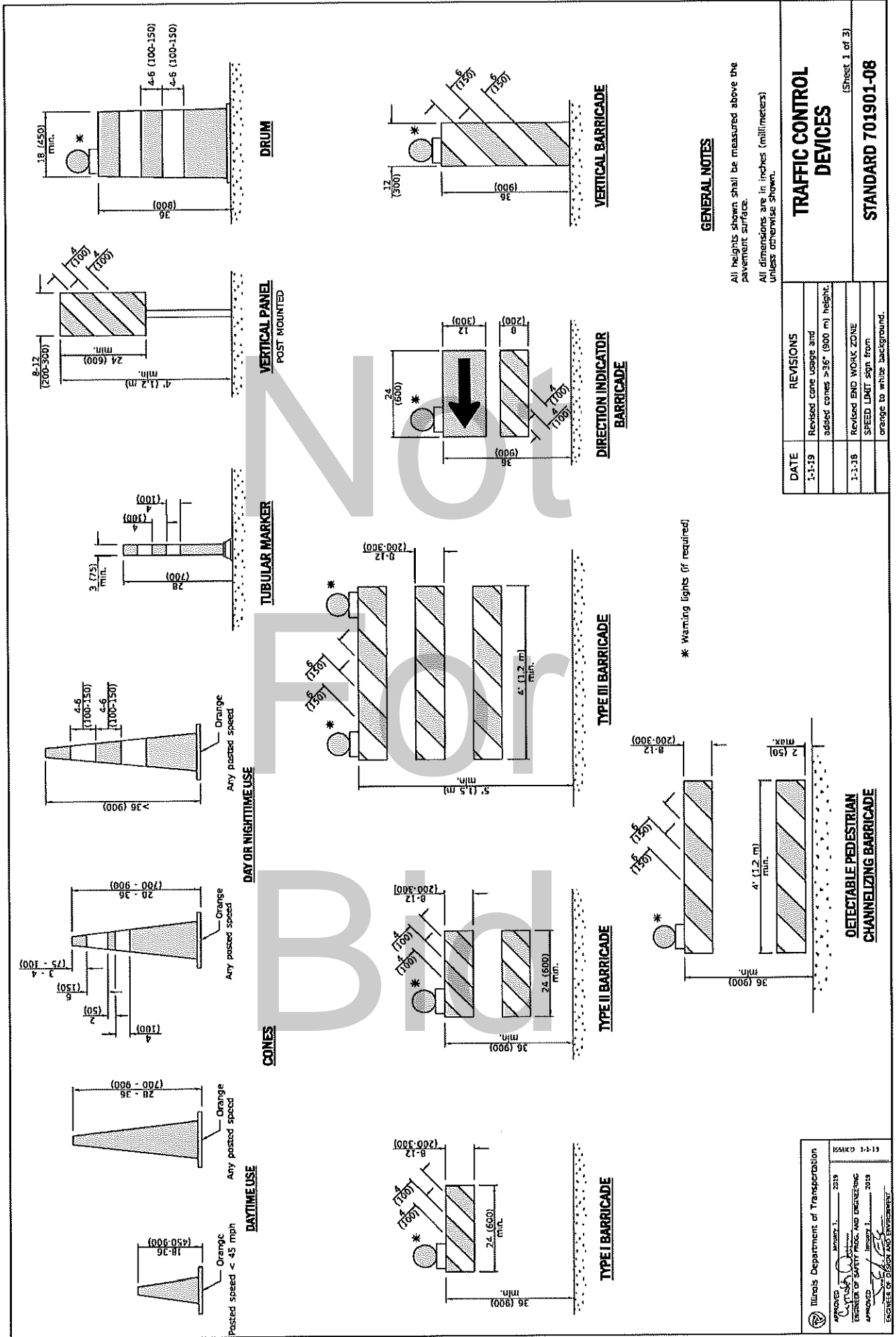
For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such 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.

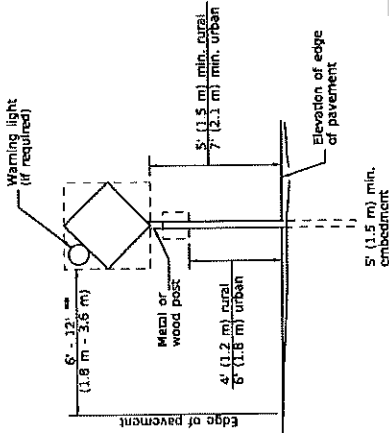
MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

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".



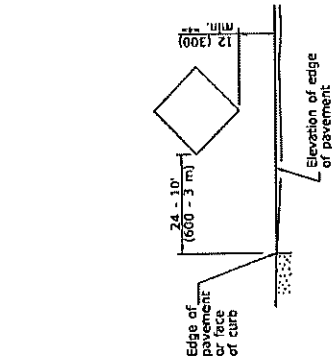
TRAFFIC CONTROL DEVICES	
DATE	REVISIONS
1-1-19	Revised cone usage and added cones >36" (900 m) height.
1-1-18	Revised END WORK ZONE SPEED LIMIT sign from orange to white background.

STANDARD 701901-08	
(Sheet 1 of 3)	
Illinois Department of Transportation Approved: [Signature] 2019 Director of Safety, Health and Environment Approved: [Signature] 2019 Engineer of Design and Construction	



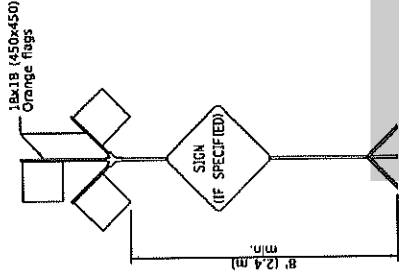
POST MOUNTED SIGNS

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.



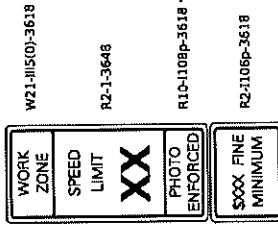
HIGH LEVEL WARNING DEVICE

ROAD CONSTRUCTION NEXT X MILES
G20-1104(0)-6036

END CONSTRUCTION
G20-1105(0)-6024

This signage 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



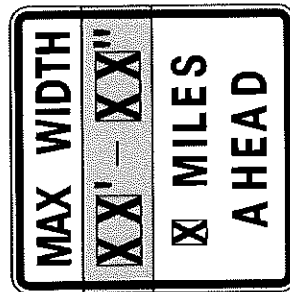
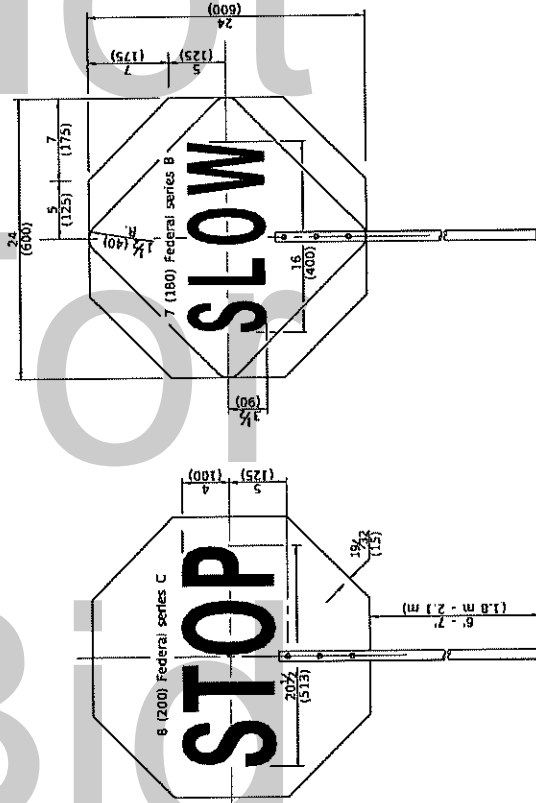
Sign assembly as shown on Standards or as allowed by District Operations.



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.

REVERSE SIDE

FRONT SIDE

TRAFFIC CONTROL DEVICES

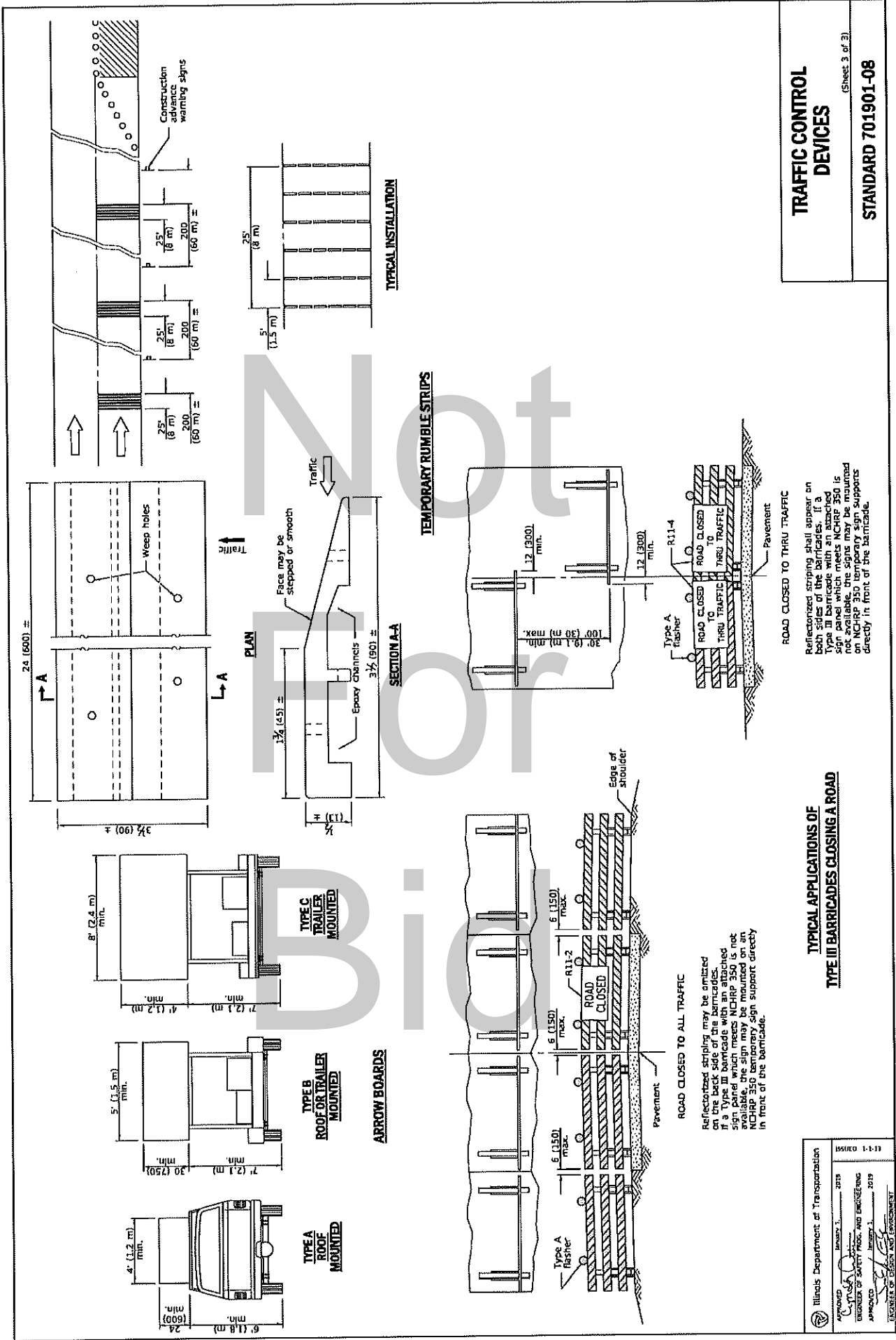
(Sheet 2 of 3)

FLAGGER TRAFFIC CONTROL SIGN

STANDARD 701901-08

	APPROVED DIRECTOR OF SAFETY, TRAFFIC AND ENGINEERING	JANUARY 1, 2019	ISSUE 1
	APPROVED ENGINEER OF DESIGN AND ENVIRONMENT	JANUARY 1, 2019	ISSUE 1

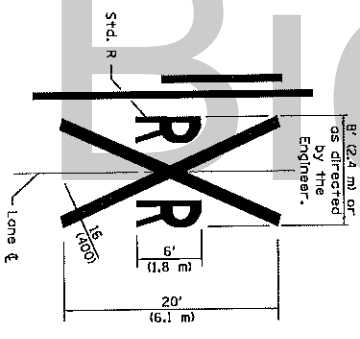
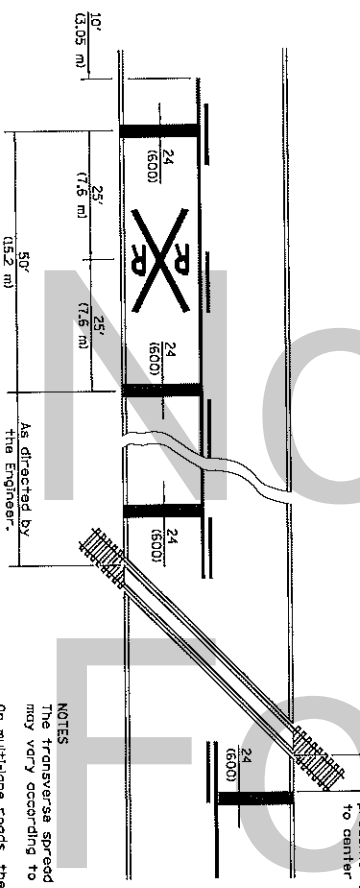
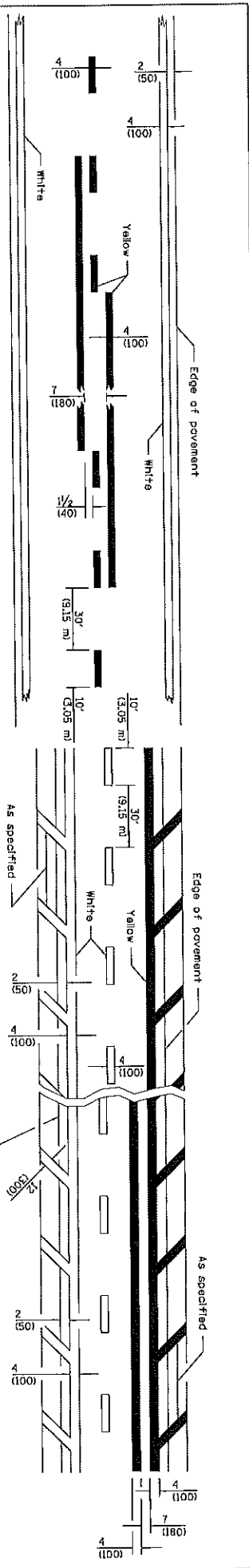
IL-1-1-0800C



TRAFFIC CONTROL DEVICES
 STANDARD 701901-08
 (Sheet 3 of 3)

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

Illinois Department of Transportation
 APPROVED: [Signature] JUNE 1, 2019
 ENGINEER OF SAFETY PROG. AND ENGINEERING
 APPROVED: [Signature] JUNE 1, 2019
 PROJECT ENGINEER
 ISSUED 1-1-13



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 RXX symbols shall be placed adjacent to each other in each lane.

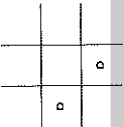
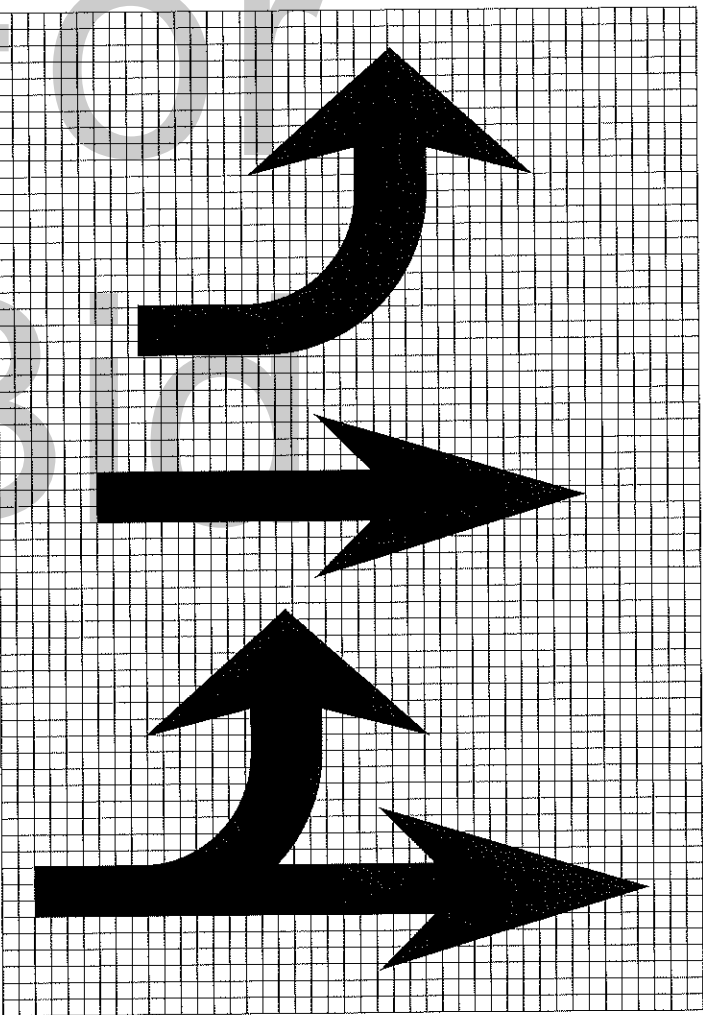
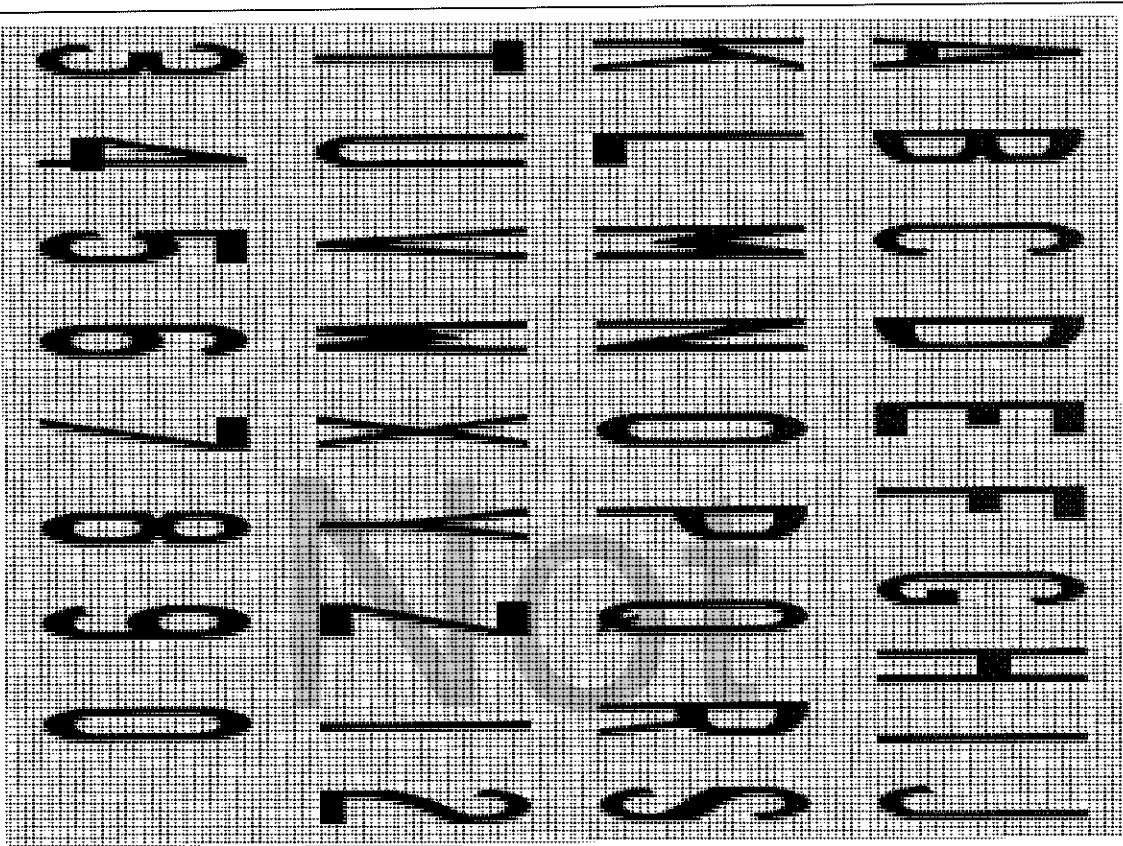
When the pavement marking symbol is used, a portion of the symbol should be located directly adjacent to the Advance Warning Sign (AW-11) as placed by Table 2C-4, Condition B of the MUTCD.

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

Illinois Department of Transportation
 Approved: January 1, 2015
 ENGINEER OF TRANSPORTATION
 Approved: [Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT
 155LEO 1-1-97

DATE	REVISIONS	TYPICAL PAVEMENT MARKINGS
1-1-15	Added symbols. Revised bike symbol. Revised note for stop line at RR crossing.	STANDARD 780001-05 (Sheet 1 of 3)
1-1-14	Added bike symbol. Renamed LANE DROP ARROW detail to LANE-REDUCTION ARROW.	

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



The space between adjacent letters or numerals should be approximately 3 (75) for 6" (1.5 m) legend and 4 (100) for 8" (2.4 m) legend.

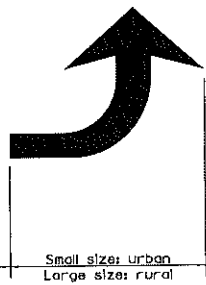
Legend Height	Arrow Size	d
6" (1.5 m)	Small	2.9 (74)
8" (2.4 m)	Large	3.8 (96)

LETTER AND ARROW GRID SCALE

Illinois Department of Transportation
 APPROVED: [Signature] JACOBSON L. 2015
 ENGINEER OF SPECIAL INSPECTIONS
 APPROVED: [Signature] JANUARY 1, 2015
 DIVISION OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

TYPICAL PAVEMENT MARKINGS
 STANDARD 780001-05
 (Sheet 2 of 3)

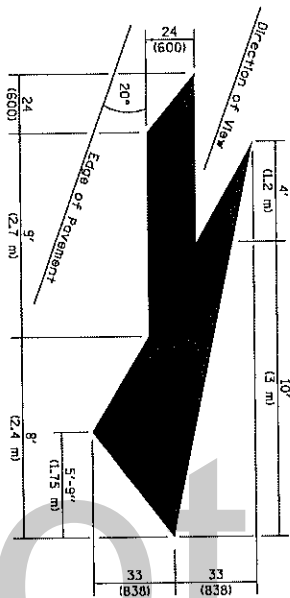


Small size: urban
Large size: rural

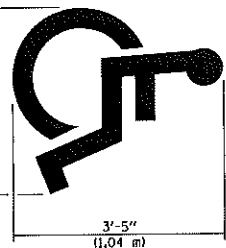
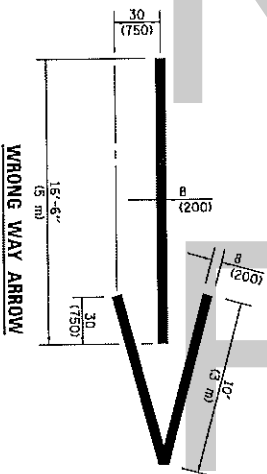
20' (6 m); urban
50' (15 m); rural
(Between arrow
and word or
between words)

6' (1.8 m); urban
8' (2.4 m); rural

ONLY
WORD AND ARROW LAYOUT



LANE-REDUCTION ARROW
Right lane-reduction arrow shown.
Use mirror image for left lane.



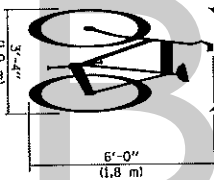
3'-5"
(1.04 m)

**INTERNATIONAL
SYMBOL OF
ACCESSIBILITY**

36
(914)

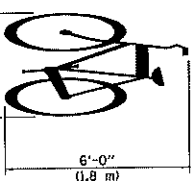


3'-4"
(1.02 m)



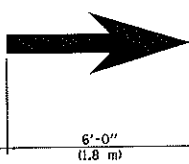
6'-0"
(1.8 m)

**SHARED LANE
SYMBOL**



3'-4"
(1.0 m)

BIKE SYMBOL
(Arrow is optional)

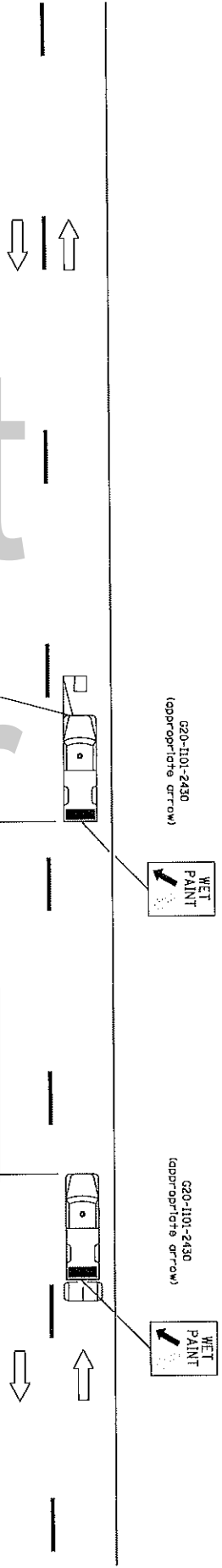


6'-0"
(1.8 m)

6'-0"
(1.8 m)

Illinois Department of Transportation APPROVED: <i>[Signature]</i> January 1, 2015 ENGINEER OF DESIGNATING APPROVED: <i>[Signature]</i> January 1, 2015 SUPERVISOR OF DESIGN AND ENVIRONMENT	ISSUED: 1-1-97

**TYPICAL PAVEMENT
MARKINGS**
(Sheet 3 of 3)
STANDARD 780001-05



- TYPICAL APPLICATIONS**
- Landsliding work
 - Utility work
 - Pavement marking
 - Weed spraying
 - Roadmeter measurements
 - Debris cleanup
 - Crack pouring

- SYMBOLS**
- Arrow board (Hazard Mode only)
 - Truck with headlights, emergency flashers and flashing amber light (Visible from 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 70426, unless otherwise shown.

Illinois Department of Transportation

APPROVED: January 1, 2009

ENGINEER OF OPERATIONS: [Signature]

APPROVED: January 1, 2009

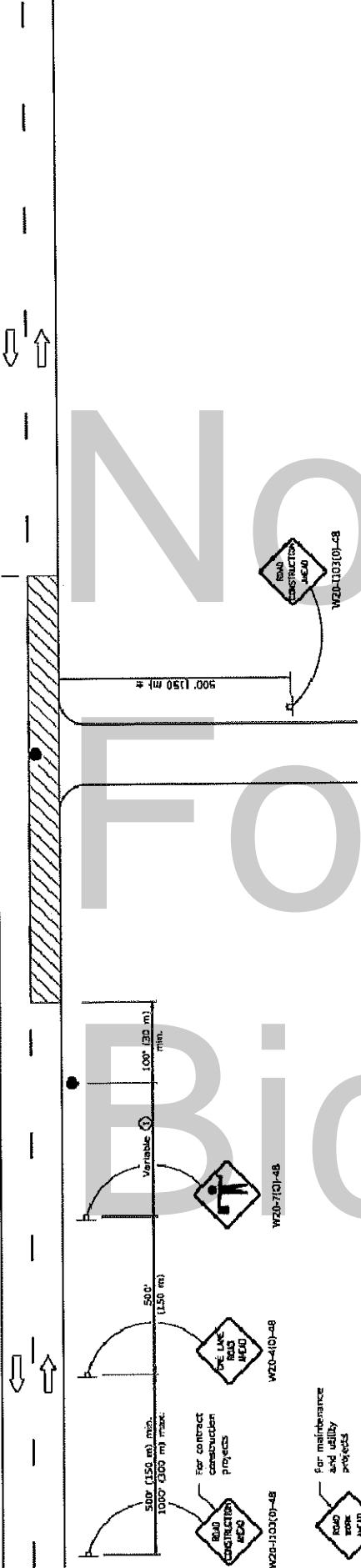
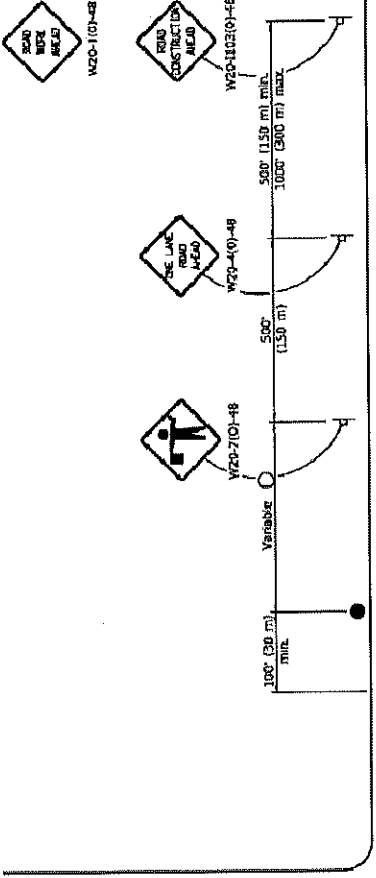
ENGINEER OF DESIGN AND ENVIRONMENT: [Signature]

ISSUED 1-1-97

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

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

STANDARD 70311-03



GENERAL NOTES

This Standard is used where it applies to any vehicle, equipment or their activities resulting in the placement or continuous presence of signs on the pavement where the average speed of movement is greater than 1/2 mph (1.5 m/s) and less than 4 mph (6.4 kph).
 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

- Illuminated resurfacing
- Milling operations
- Utility operations
- Shoulder operations

SYMBOLS

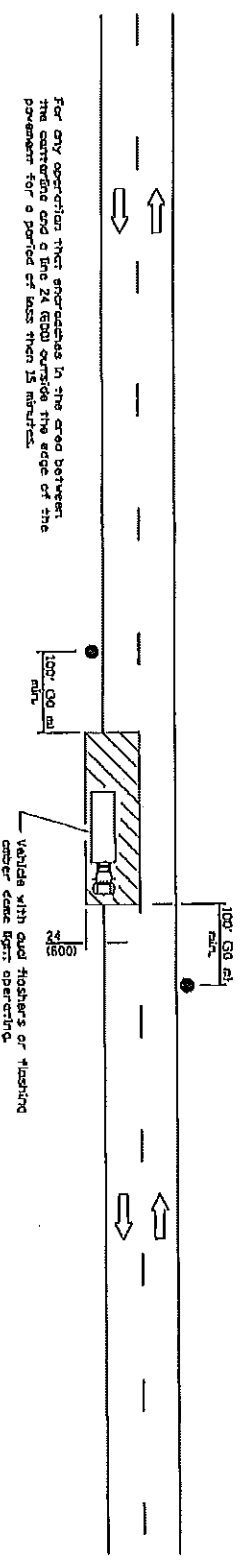
- ▨ Work area
- ⊥ Sign on portable or permanent support
- Flagger with traffic control sign

ISSUED	1-197
REVISED	2018
Illinois Department of Transportation	
MEMBER OF SAFETY, HEALTH AND ENVIRONMENTAL AGENCIES	
ILLINOIS DEPARTMENT OF TRANSPORTATION	

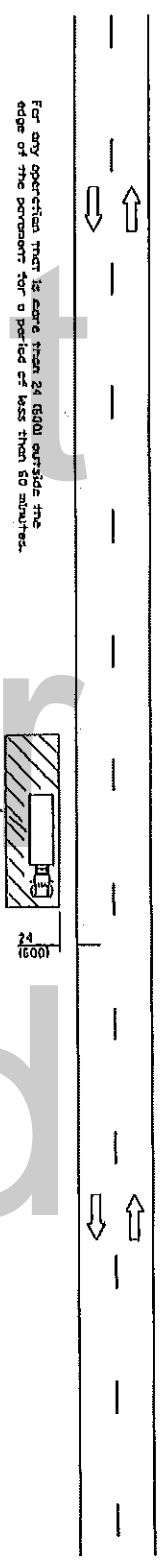
DATE	REVISIONS
1-1-18	Revised lower speed limit for operation to 1/2 mph.
1-1-11	Revised flagger sign.

LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
 STANDARD 701306-04

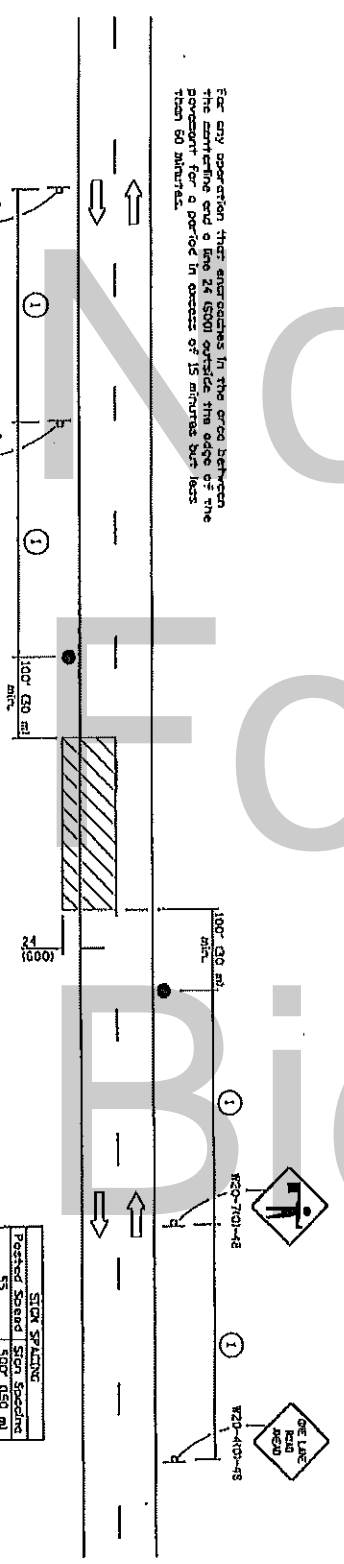
Michigan Department of Transportation
 DIVISION OF TRANSPORTATION
 DIVISION OF SAFETY SERVICES
 DIVISION OF DESIGN AND CONSTRUCTION
 151500 1-1-11



For any operation that approaches in the area between the centerline and a line 24 (500) outside the edge of the pavement for a period of less than 15 minutes.



For any operation that is more than 24 (500) outside the edge of the pavement for a period of less than 24 minutes.



For any operation that approaches in the area between the centerline and a line 24 (500) outside the edge of the pavement for a period in excess of 15 minutes but less than 60 minutes.

W20-403-4B
W20-7100-4B

STICK SPACING	POSTED SPEED	STICK SPACING	POSTED SPEED
55	50	50	45
50	45	45	40
45	40	40	35

① = Refer to SIGN SPACING TABLE FOR ADVANCE

TYPICAL APPLICATIONS

- Used on barriers
- Field use only
- Utility operations
- Cleaning up debris on pavement

SYMBOLS

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

DATE	REVISIONS
1-1-11	Revised flagger sign
1-1-09	Switched units to English metric

All dimensions are in metric (millimeters) unless otherwise shown.
LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
 STANDARD 701301-04

SIGN SPACING		
Posted Speed	Sign Spacing	
55	500' (152 m)	
50-45	350' (107 m)	
<45	200' (60 m)	

SYMBOLS

- Work area
- Cones, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

- 1 Refer to SIGN SPACING TABLE for distances.
- 2 For approved sidewalk closures.
- 3 Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- 4 Cones, drums or barricades at 20' (6 m) centers.

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

GENERAL NOTES
 This Standard is used where at any time, day or night, any vehicle, equipment, workers or activities on the pavement requiring the closure of one traffic lane in an urban area.
 All dimensions are in inches (millimeters) unless otherwise shown.

**URBAN LANE CLOSURE,
 2L, 2W, UNDIVIDED**
 STANDARD 701501-06

