

AGENDA
REGULAR MEETING OF THE BOARD OF TRUSTEES OF THE VILLAGE OF MORTON, ILLINOIS
7:00 P.M.
MONDAY, JANUARY 3, 2022
FREEDOM HALL, 349 W. BIRCHWOOD, MORTON, ILLINOIS

- I. CALL TO ORDER**
- II. ROLL CALL**
- III. PLEDGE OF ALLEGIANCE TO THE FLAG**
- IV. PUBLIC HEARING**
- V. PRESENTATIONS AND SPECIAL REPORTS**
- VI. PUBLIC COMMENT**
 - A. Public Comments
 - B. Requests for Removal of Items from the Consent Agenda
- VII. CONSENT AGENDA**
 - A. Approval of Minutes
 - 1. Regular Meeting – December 20, 2021
 - B. Approval of Bills
- VIII. CONSIDERATION OF ITEMS REMOVED FROM THE CONSENT AGENDA**
- IX. VILLAGE PRESIDENT**
- X. VILLAGE CLERK**
- XI. VILLAGE ADMINISTRATOR**
- XII. CHIEF OF POLICE**
- XIII. CORPORATION COUNSEL**
- XIV. DIRECTOR OF FIRE AND EMERGENCY SERVICES**
- XV. DIRECTOR OF PUBLIC WORKS**
 - A. Resolution for Maintenance Under the Illinois Highway Code
- XVI. ZONING AND CODE ENFORCEMENT OFFICER**
- XVII. VILLAGE TRUSTEES**
 - A. Trustee Blunier
 - B. Trustee Hilliard
 - C. Trustee Leitch
 - D. Trustee Menold
 - E. Trustee Newman
 - F. Trustee Parrott
- XVIII. CLOSED SESSIONS**
- XIX. CONSIDERATION OF MATTERS ARISING FROM CLOSED SESSIONS**
- XXIII. ADJOURNMENT**

**VILLAGE BOARD OF TRUSTEES
REGULAR MEETING
7:00 P.M., December 20, 2021**

After calling the meeting to order, President Kaufman led the Pledge of Allegiance. The Clerk called the roll, with the following members present: Blunier, Hilliard, Leitch, Menold, Newman, Parrott – 6.

PUBLIC HEARING – None.

PRESENTATIONS – None.

PUBLIC COMMENT – None.

CONSENT AGENDA

- A. Approval of Minutes.
 - 1. Regular Meeting – December 6, 2021
- B. Approval of Bills

Trustee Menold moved to approve the Consent Agenda. Motion was seconded by Trustee Hilliard and approved with the following roll call vote:

Yes: Blunier, Hilliard, Leitch, Menold, Newman, Parrott – 6.
No: None – 0.
Absent: None – 0.

VILLAGE PRESIDENT – None.

VILLAGE CLERK – None.

VILLAGE ADMINISTRATOR – Administrator Smick requested approval for the final round of business sustainability grants which would approve disbursement of funds to the specified businesses at the proposed amounts. Trustee Parrott motioned to accept this proposal and it was seconded by Trustee Newman. The proposal was approved by the following roll call vote:

Yes: Blunier, Hilliard, Leitch, Menold, Newman, Parrott – 6.
No: None – 0.
Absent: None – 0.

CHIEF OF POLICE – Chief Miller requested approval of a bid to purchase two (2) new Ford squad cars. Trustee Parrott motioned to accept and provided favorable remarks regarding the bid. This was followed by a second by Trustee Blunier and the acceptance of the bid by the following roll call vote:

Yes: Blunier, Hilliard, Leitch, Menold, Newman, Parrott – 6.
No: None – 0.
Absent: None – 0.

CORPORATION COUNSEL – None.

DIRECTOR OF FIRE AND EMERGENCY SERVICES – None.

DIRECTOR OF PUBLIC WORKS – None.

ZONING AND CODE ENFORCEMENT OFFICER – None.

VILLAGE TRUSTEES

Trustee Blunier – None.

Trustee Hilliard – None.

Trustee Leitch – provided positive feedback regarding the “pothole digger” that was approved for purchase last March. He went to see the new piece of machinery in action last Wednesday on Idlewood Street near the JFL Fields and said that the Village employees were very thankful of the Board for approving the purchase because it made the job much more efficient.

Trustee Menold – None.

Trustee Newman – None.

Trustee Parrott – None.

CLOSED SESSIONS – None.

CONSIDERATION OF MATTERS ARISING FROM CLOSED SESSIONS – None.

ADJOURNMENT

With no further business to come before the Board, Trustee Hilliard moved to adjourn. The motion was seconded by Trustee Newman and followed by a unanimous voice vote of all present board members.

ATTEST:

PRESIDENT

VILLAGE CLERK



Resolution for Maintenance Under the Illinois Highway Code



Resolution Number: 16-22, Resolution Type: Supplemental, Section Number: 22-00000-00-GM

BE IT RESOLVED, by the President and Board of Trustees of the Village of Morton, Illinois that there is hereby appropriated the sum of two hundred thousand Dollars (\$200,000)

of Motor Fuel Tax funds for the purpose of maintaining streets and highways under the applicable provisions of Illinois Highway Code from 01/01/22 to 12/31/22

BE IT FURTHER RESOLVED, that only those operations as listed and described on the approved Estimate of Maintenance Costs, including supplemental or revised estimates approved in connection with this resolution, are eligible for maintenance with Motor Fuel Tax funds during the period as specified above.

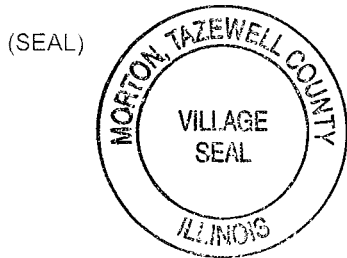
BE IT FURTHER RESOLVED, that the Village of Morton shall submit within three months after the end of the maintenance period as stated above, to the Department of Transportation, on forms available from the Department, a certified statement showing expenditures and the balances remaining in the funds authorized for expenditure by the Department under this appropriation, and

BE IT FURTHER RESOLVED, that the Clerk is hereby directed to transmit four (4) certified originals of this resolution to the district office of the Department of Transportation.

I, Zo Evans, Clerk in and for said Village of Morton in the State of Illinois, and keeper of the records and files thereof, as provided by statute, do hereby certify the foregoing to be a true, perfect and complete copy of a resolution adopted by the

President and Board of Trustees of Morton at a meeting held on 1/3/2022

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 3rd day of January, 2022



Clerk Signature box

APPROVED

Regional Engineer Department of Transportation and Date boxes



Maintenance Engineering to be Performed by a Consulting Engineer



Local Public Agency	County	Section Number
Morton	Tazewell	22-00000-00-GM

The services to be performed by the consulting engineer, pertaining to the various items of work included in the estimated cost of the maintenance operations (BLR 14222), shall consist of the following:

PRELIMINARY ENGINEERING shall include:

Investigation of the condition of the streets or highways for determination (in consultation with the local highway authority) of the maintenance operations to be included in the maintenance program; preparation of the maintenance resolution (BLR 14220 for municipalities and counties), maintenance estimate of cost and, if applicable, proposal; attendance at meetings of the governing body as may reasonably be required; attendance at public letting; preparation of the contract, quotations, and/or acceptance (BLR 12330) form. Also, preparation of the maintenance expenditure statement which must be submitted to IDOT within 3 months of the end of the maintenance period.

ENGINEERING INSPECTION shall include:

Furnishing the engineering field inspection, including preparation of payment estimate for contract, material proposal and/or deliver and install proposal and/or checking material invoices of those maintenance operations requiring engineering field inspection. For operations requiring material testing ensure the testing is completed by a qualified firm.

For furnishing preliminary engineering, the engineer will be paid a base fee PLUS a negotiated fee percentage. Only one base fee can be charged per maintenance period. For furnishing engineering inspection, the engineer will be paid a negotiated fee percentage. The negotiated preliminary engineering fee percentage for each maintenance group shown in the "Schedule of Fees" shall be applied to the total estimated costs of that group. The negotiated fee for engineering inspection for each maintenance group shall be applied to the total final cost of that group for the times which required engineering inspections. In no case shall this be construed to include supervision of the contractor operations.

SCHEDULE OF FEES

Total of all Maintenance Operations:

<= \$20,000 Base Fee
 > \$20,000 Base Fee = \$1,250.00

PLUS					
Maintenance Engineering Category	Preliminary Engineering		Engineering Inspection		Operation(s) to be Inspected
	Maximum Fee %	Negotiated Fee %	Maximum Fee %	Negotiated Fee %	
I	NA	NA	NA	NA	NA
IIA	2%	1	1%	1	
IIB	3%	2.5	3%	2.5	
III	4%	3.5	4%	3.5	
IV	5%	4.5	6%	5.5	

The LPA certifies that the selection of the ENGINEER was performed in accordance with the Local Government Professional Service Selection Act 50 (ILCS 510/1-510/8) and procedures outlined in Chapter 5 of the DEPARTMENT's Bureau of Local Roads and Streets Manual.

BY:

Local Public Agency Signature	Date
<input style="width: 100%; height: 40px;" type="text"/>	<input style="width: 100%; height: 40px;" type="text"/>

Title

BY:

Consulting Engineer Signature	Date
<input style="width: 100%; height: 40px;" type="text"/>	<input style="width: 100%; height: 40px;" type="text"/>

Title

P.E. Seal	Date
<input style="width: 100%; height: 40px;" type="text"/>	<input style="width: 100%; height: 40px;" type="text"/>

Approved:

Regional Engineer, IDOT	Date
<input style="width: 100%; height: 40px;" type="text"/>	<input style="width: 100%; height: 40px;" type="text"/>



Estimate of Maintenance Costs

Submission Type **Supplemental**

Maintenance Period

Local Public Agency	County	Section Number	Beginning	Ending
Village of Morton	Tazewell	22-00000-00-GM	01/01/22	12/31/22

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
FOG COAT	III	Yes	FOG COAT	SQ YD	37,042	\$1.20	\$44,450.40	
			BLACK SAND	SQ YD	37,042	\$0.20	\$7,408.40	
			TRAF CONT PROT SPCL	L SUM	1	\$5,000.00	\$5,000.00	\$56,858.80
SEALCOAT	III	Yes	BIT MATLS SLCT	GAL	11,875	\$6.00	\$71,250.00	
			SLCT AGG	TON	281	\$100.00	\$28,100.00	
			MH/VLV/INL UNC OP LID	EACH	25	\$110.00	\$2,750.00	\$102,100.00
SPRAY PATCH	IIA	No	BIT MATLS	GAL	2,000	\$10.00	\$20,000.00	
			AGG	TON	80	\$30.00	\$2,400.00	\$22,400.00
Total Operation Cost								\$181,358.80

Estimate of Maintenance Costs Summary

Maintenance

Local Public Agency Labor
 Local Public Agency Equipment
 Materials/Contracts(Non Bid Items)
 Materials/Deliver & Install/Materials Quotations (Bid Items)
 Formal Contract (Bid Items)

	MFT Funds	RBI Funds	Other Funds	Estimated Costs
	\$181,358.80			\$181,358.80
Maintenance Total	\$181,358.80			\$181,358.80

Estimated Maintenance Eng Costs Summary

Maintenance Engineering

Preliminary Engineering
 Engineering Inspection
 Material Testing
 Advertising
 Bridge Inspection Engineering

	MFT Funds	RBI Funds	Other Funds	Total Est Costs
	\$7,037.56			\$7,037.56
	\$5,787.56			\$5,787.56
Maintenance Engineering Total	\$12,825.12			\$12,825.12
Total Estimated Maintenance	\$194,183.92			\$194,183.92

Remarks

Estimate of Maintenance Costs

Submittal Type **Supplemental**

Local Public Agency	County	Section	Maintenance Period	
			Beginning	Ending
Village of Morton	Tazewell	22-00000-00-GM	01/01/22	12/31/22

SUBMITTED

Local Public Agency Official	Date
<input type="text"/>	<input type="text"/>

Title

County Engineer/Superintendent of Highways	Date
<input type="text"/>	<input type="text"/>

APPROVED

Regional Engineer Department of Transportation	Date
<input type="text"/>	<input type="text"/>



Proposal Submitted By:

Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

County

Section Number

Street Name/Road Name

Type of Funds

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 Village of Morton	County Tazewell	Section Number 22-00000-00-GM
--	--------------------	----------------------------------

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of Village Hall
 120 N Main St, Morton, IL 61550 Name of Office
 until 10 am on 3/22/22
Address Time Date

1. Plans and proposal forms will be available in the office of
 upon request via email to pmeyer@mtco.com

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 or 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 22-00000-00-GM".

By Order of Awarding Authority Village of Morton	County Engineer/Superintendent of Highways/ Municipal Clerk Municipal Clerk	Date 1/17/22
--	---	-----------------

Material Proposal or Deliver & Install Proposal

To
Awarding Authority
Village of Morton

Awarding Authority Address 120 N Main St	City Morton	State IL	Zip Code 61550
---	----------------	-------------	-------------------

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 1/1/22 and the "Supplemental Specifications and Recurring Special Provisions", adopted 1/1/22, 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.

Local Public Agency

County

Section Number

Village of Morton

Tazewell

22-00000-00-GM

- 5. 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.
- 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. 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: Municipal Clerk Treasurer of Morton

The amount of the check is 5% of bid (_____).

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



Material Proposal Schedule of Prices



Local Public Agency Village of Morton	County Tazewell	Section Number 22-00000-00-GM
--	--------------------	----------------------------------

Material Proposal Schedule of Prices

Group No.	Item(s)	Delivery	Unit	Quantity	Unit Price	Total
-						
-						
-	SEALCOATING SECTION					
- 4	BIT MATLS SEALCOAT-CRSP		GAL	11,875		
- 5	SEALCOAT AGG -TRAP ROCK		TON	281		
- 5X	MANHOLE/VALVE/INLET		EACH	25		
-						
-	FOG COAT SECTION					
- 8	FOG COAT (MIN 0.17 GAL/SQ YD)		SQ YD	37,042		
- 8A	BLACK SAND (MIN 0.25 LBS/SQ YD)		SQ YD	37,042		
-	(EQUAL TO OR EXCEEDING AGGREGATE SPEC IN GSB)					
- 9	TRAFFIC CONTROL-PROT SPL		LSUM	1		
-						
-						
-						
-						
-						
-						
-						
-						
-						
-						
-						
-						
-						
-						
-						
-						
-						
-						
-						
-						
-						
-						

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	



Local Public Agency Proposal Bid Bond



Local Public Agency: Village of Morton; County: Tazewell; Section Number: 22-00000-00-GM

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 _____ Day of _____ Month and Year

Principal

Principal signature block: Company Name, Signature, Date, Title

Surety signature block: 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

Village of Morton

Tazewell

22-00000-00-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

--



Apprenticeship and Training Program Certification



Local Public Agency	County	Street Name/Road Name	Section Number
Village of Morton	Tazewell	various	22-00000-00-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>



Affidavit of Illinois Business Office



Local Public Agency	County	Street Name/Road Name	Section Number
Village of Morton	Tazewell	various	22-00000-00-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

(SEAL)

Signature of Notary Public

My commission expires _____



Acceptance of Proposal to Furnish Materials and Approval of Award



Local Public Agency	County	Street Name/Road Name	Section Number
Village of Morton	Tazewell	various	22-00000-00-GM

Bidder's Name

Bidder's Address	City	State	Zip Code
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

In accordance with your proposal submitted on _____, a copy of which is in our files, you have been awarded the contract for furnishing the following materials required in the _____ of the above designated project. Materials shall be inspected in accordance with current Departmental policies.

Date of Submittal
Construction or Maintenance

Item	Unit of Measure	Quantity	Unit Price	Amount
Total				

Terms

Shipping Instructions

For Municipal Projects

Municipal Official Signature	Date
<input type="text"/>	<input type="text"/>

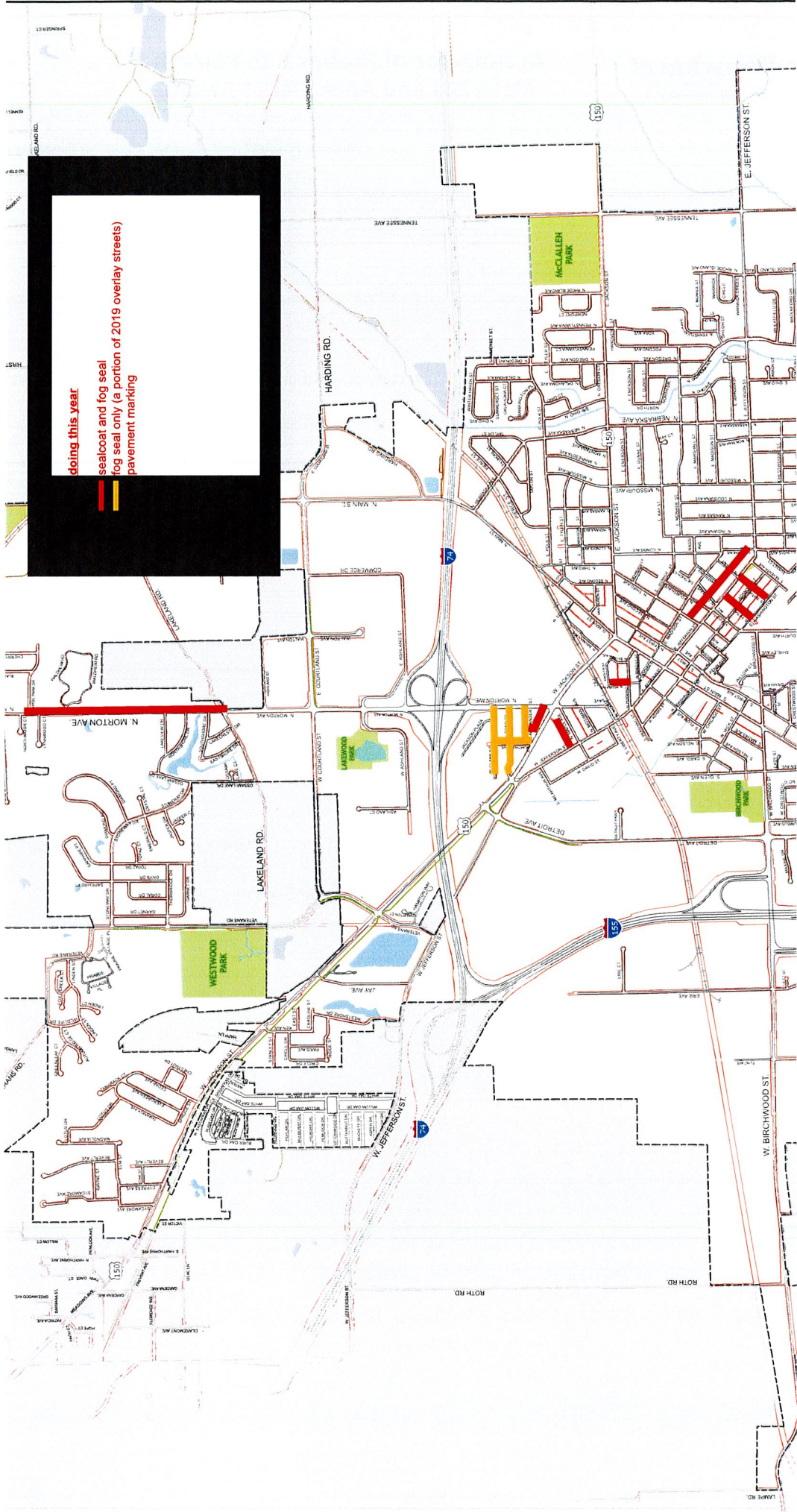
For County And Road District Project

Highway Commissioner Signature	Date
<input type="text"/>	<input type="text"/>

Illinois Department of Transportation
Concurrence in Approval of Award

Regional Engineer Signature	Date
<input type="text"/>	<input type="text"/>

County Engineer/Superintendent of Highways Signature	Date
<input type="text"/>	<input type="text"/>



doing this year
sealcoat and fog seal
fog seal only (a portion of 2019 overlay streets)
pavement marking

doing this year
sealcoat and fog seal
fog seal only (a portion of 2019 overlay streets)
pavement marking

194,325	21,591.67					8,097	24						
109,200	N MORTON	LAKELAND	HYDE PARK		SLCT	4200	26						
-					SLCT								
4,950	ALLEY BTWN 5TH - 6T	ILLINOIS	6TH		SLCT	450	11			SPRAY PATCH		3.00	DAY
6,600	ALLEY BTWN 5TH - 6T	6TH	5TH		SLCT	600	11	0.55		BIT A-1 SLCT-CRSP		11,875	GAL
2,700	ALLEY BTWN 5TH - 6T	5TH	4TH		SLCT	225	12	26		SLCT AGG -TRAP RK		281	TON
3,575	ALLEY BTWN 5TH - 6T	4TH	3RD		SLCT	325	11			FOG COAT		21,592	SQ YD
-										FOG CT-TR CT SPCL		1	LSUM
-										MH/MLV/INL--UC/OP		25	EACH
-								2019		FOG COAT		15,450	SQ YD
5,600	PEORIA	PERSHING	WAGLER		BIT	400	14						
11,000	MCDONALD'S ALLEY	MORTON	ALEXANDER		BIT	500	22						
-													
20,800	5TH	JEFFERSON	WASHINGTON		SLCT	650	32						
20,800	6TH	JEFFERSON	WASHINGTON		SLCT	650	32						
-													
9,100	MAPLE ST ALLEY	JEFFERSON	JACKSON		SLCT	700	13						
-													
PAVT MARKING REMOVAL AND REPLACEMENT TO BE COMPLETED BY CONTRACTOR													
139,050	FOG COAT-2019 STREETS												
46,200	CLARK ST	MORTON AVE	CUL-DE-SAC		BIT	1400	33					15,450	
44,550	W BOND ST	MORTON AVE	W JACKSON ST		BIT	1350	33						
25,200	W ALEXANDER ST	MORTON AVE	MARTHUR AVE		BIT	700	36						
23,100	MARTHUR AVE	W JACKSON ST	END		BIT	700	33						

1-24-2: MINIMUM INSURANCE REQUIREMENTS

(A) APPLICABILITY: The provisions of this section shall apply to all independent contractors who enter into contracts with the Village of Morton for the performance of labor and/or services for the Village of Morton on or after April 1, 2018, except those independent contractors whose written agreement with the Village of Morton provides for lessor or different insurance requirements and further excluding contractors providing professional services to the Village who shall be required to maintain such professional liability insurance as may be required by the Village of Morton from time to time.

(B) ADDITIONAL INSURED: Independent contractors shall provide a Certificate of Insurance to the Village of Morton which shall name the Village of Morton as an additional insured on independent contractors liability policy for claims arising out of the independent contractor's products and/or completed operations or made by their employees, agents, guests, customers, invitees or subcontractors, which liability insurance policy shall be the primary insurance in the event of a covered claim or cause of action against the Village of Morton and on a noncontributory basis.

(C) SUBCONTRACTOR COVERAGE: Independent contractors shall be required to verify that all subcontractors maintain general liability insurance, workers compensations insurance and automobile liability insurance as required by this Section. All subcontractors proof of insurance shall include a per project aggregate limit for its commercial general liability insurance.

(D) WAIVER OF SUBROGATION: The Village of Morton shall not waive any rights of recovery against independent contractors from damages resulting from the negligent acts of the independent contractor associated with the contract. Independent contractors policy shall include waiver of subrogation for general liability, auto liability and workers compensation coverages.

(E) GENERAL LIABILITY INSURANCE: Any independent contractor shall maintain commercial general liability insurance in the amount of not less than one million dollars (\$1,000,000.00) per occurrence.

(F) AUTOMOBILE LIABILITY INSURANCE: Any independent contractor shall maintain automobile liability insurance for any owned autos, hired autos or non-owned autos used in connection with the contractor's business with the Village of Morton. Automobile liability insurance coverage shall be maintained by the contractor/service provider in the minimum amount of one million dollars (\$1,000,000.00) combined single limit.

(G) WORKERS COMPENSATION INSURANCE: Any independent contractor of the Village of Morton shall maintain workers compensation insurance as required by law.

(H) PROFESSIONAL ERRORS AND OMISSIONS COVERAGE: Any independent contractor who provides professional services, such as designing or planning construction projects or completing engineering or architectural drawings shall maintain professional errors and omissions coverage in the amount of not less than one million dollars (\$1,000,000.00) with additional insured to apply in favor of the Village of Morton.

(I) UMBRELLA INSURANCE: Any independent contractor shall maintain an umbrella insurance policy in the amount of not less than one million dollars (\$1,000,000.00) per occurrence.

(J) THIRD PARTY EMPLOYERS LIABILITY COVERAGE: Any independent contractor shall maintain third party employer's liability coverage in the amount of not less than five hundred thousand dollars (\$500,000.00) per each employee.

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:

Patrick N. Meyer & Associates, Inc., 15109 W Bittersweet Ct, Brimfield, IL 61517

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



Local Public Agency	County	Section Number
Village of Morton	Tazewell	22-00000-00-GM

The following Special Provision supplement the "Standard Specifications for Road and Bridge Construction", adopted 1/1/22, 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.

Contractor Information: The selected contractor shall supply the following to the municipality within one week of being selected.

- Certificate of insurance, naming the Municipality and the Engineer as additionally insured. Also, the Contractor's insurance shall be primary for all claims regarding this project.
- Day and night phone numbers for the contractor's representative
- Staging locations
- Start and completion dates

The successful bidder at the time of execution of the contract will be required to deposit a contract bond or proposal guaranty within 30 days of the award. 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.

Public Safety and Convenience: The contractor shall at all times conduct his work so as to ensure the least possible obstructions to traffic and inconvenience to the general public and the residents in the vicinity of the work, and to insure the protection of persons and property in a manner satisfactory to the Engineer. No road or street shall be closed to the public except with the permission of the Engineer and proper governmental authority. Fire hydrants on or adjacent to the work shall be kept accessible to fire-fighting equipment at all times.

The contractor shall be responsible for notifying residents of the ensuing street construction utilizing a form of the attached letter and that parking on the street will be prohibited during construction. The notification shall occur a minimum of 24 hours prior to construction on the corresponding street. The contractor shall notify the Engineer at 309.696.1935, a minimum of 3 days prior to sealcoating operations commencing.

Contractor shall maintain access to driveways at the end of each working day, on weekends and holidays. Contractor shall coordinate with the owner of each property if drives will be closed overnight or for extended periods.

Construction Staking: Construction staking shall be the responsibility of the contractor and shall be included in the price of the contract unless otherwise noted.

Jobsite Safety : Neither the professional activities of the Engineer and/or Municipality, nor the presence of the Engineer and/or Municipality or its employees and subconsultants at the construction/project site, shall relieve the General Contractor of its obligations, duties, and responsibilities including, but not limited to, construction means, methods, sequence, techniques or procedures necessary for performing, superintending, and coordinating the Work in accordance with the contract documents and any health or safety precautions required by any regulatory agencies. The Engineer and/or Municipality and its personnel have no authority to exercise any control over any construction contractor or its employees in connection with their work or any health or safety programs or procedures. The General Contractor shall be solely responsible for jobsite safety.

Schedule of Construction: Construction shall begin after the acceptance is fully executed. Coordination between this project's improvements, other contractors, and other proposed improvements will be required and the municipality will determine the best schedule.

Punch List Items: All punch list items shall be completed by the August 15 of 2022 unless additional time is granted in accordance with the specifications.

Traffic Control Plan: Traffic control shall be in accordance with the applicable sections of the Standard Specifications for Road and Bridge Construction, the applicable guidelines contained in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways, these special provisions, and any special details and Highway Standards contained herein and in the Plans.

The cost of furnishing and maintaining barricades, warning signs, and warning lights, as required herein shall be included in the price of the contract and no additional payment shall be allowed unless a pay item is provided.

Traffic Control shall be the sole responsibility and liability of the Contractor. Conformance with all applicable standards shall be the Contractor's responsibility. Article 105.03(b) –Traffic Control Deficiency shall apply.

The presence of temporary traffic control drawings or standards in the proposal or contract, whether a pay item or not, does not relieve the Contractor of his obligation to the public. The Contractor shall provide, if conditions warrant by the Engineer, all protection deemed necessary beyond that shown in the proposal or Special Provisions.

JULIE: Contractor shall contact JULIE at 1 800 892 0123 to locate manholes, valves, and other appurtenances within the project limits. The Contractor shall coordinate with the respective owners of such appurtenances as to whom will adjust and who will be responsible for the schedule of such adjustments. All appurtenances owned by the municipality shall be paid for at the unit price for the appurtenance adjustment. All appurtenances owned by others shall be paid for by the respective owners.

Mailboxes and Signs: Any mailboxes or signs that require removal must be replaced at their exact locations. This work and all materials required to perform this work shall be included in the price of the contract.

Seeding: Any seeding/sodding required because of disturbance by construction shall be completed under Engineer's direction. The contractor shall request the specific locations for seeding from the Engineer. Topsoil, seed, and mulch shall be required. If straw is utilized then straw must be crimped in place. Seeding shall be guaranteed to have 70% vegetative cover per square foot regardless of the planting timeframe. After proper seedbed preparation, for 2:1 or greater slopes or low velocity residential drainage channels, all disturbed areas shall be protected by properly installed double-net straw or excelsior fiber erosion control blankets. This work and all materials required to perform this work shall be included in the price of the contract.

Applying Bituminous Material and Sealcoat Aggregate This work shall conform to the applicable portions of Section 403, Bituminous Surface Treatment of the Standard Specifications and subsequent supplements and revisions, with the following exceptions or inclusions:

A steel drum roller shall be utilized for additional rolling of the material.

All vegetation shall be removed from the proposed roadways. The contractor is solely responsible for the cleanliness of the roadway. The project shall cease until the cleanliness of the roadway is to the satisfaction of the Engineer.

All sealcoating shall be completed by August 15, 2022.

Manholes, valves, and inlets shall not be sealed over; they shall remain clean and visible. Appropriate paper shall cover the manholes/valves completely. Protection of the manholes, valves, and inlets shall be completed prior to the application of the bituminous material. This work, including all materials and labor, shall be included in the cost of this project.

All roadways that have been sealcoated shall maintain traffic control according to IDOT Standard BLR 18-4; signs shall be placed at intermittent public access points. All roadways that have been sealcoated shall also be posted with signs at the limits of the roadway and at intermittent public access points with the following message; "LOOSE GRAVEL" and "ROAD

Village of Morton

Tazewell

22-00000-00-GM

CONSTRUCTION AHEAD". All signs shall remain at their locations until the first sweeping has occurred.

The contractor shall deposit all sweepings from the sealcoat to the Local Agency designated location if the Local Agency desires.

The low bid chip-seal contractor will have the emulsion supplier test the aggregates for compatibility and submit the results with the findings to the Engineer prior to the work.

This work and all materials required to perform this work shall be paid for at the contract unit price per ton for SEALCOAT AGGREGATE of the type specified and per gallon for BITUMINOUS MATERIALS of the type specified by the Engineer.

Manhole/Valve/Inlet-Uncover and Open: This work shall include uncovering the paper, oil, and rock from all manholes/valves/inlets that have been covered during the sealcoat process. In addition, all manholes/valves/inlets lids/grates shall be opened in order to ensure no lids have been sealed.

This work and all materials required to perform this work shall be paid for at the contract unit price per each for MANHOLE/VALVE/INLET-UNCOVER AND OPEN.

Fog Coat: This work shall conform to the applicable provisions of BDE Check Sheet 80426 except as noted in the BDE specification and as follows.

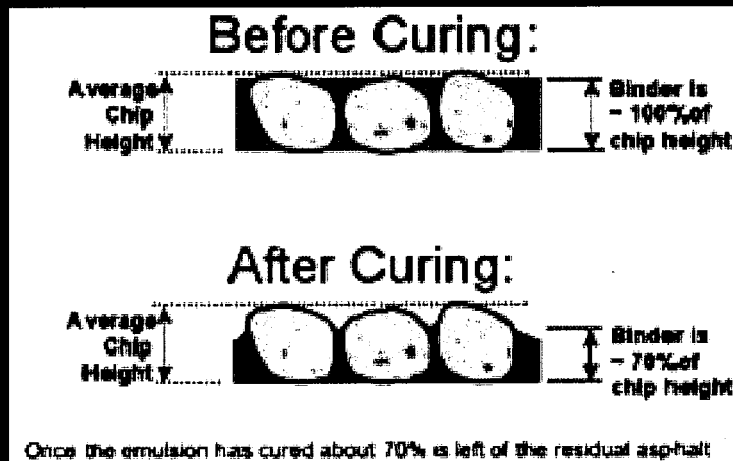
The three materials listed below and described hereafter shall be permitted as accepted materials for Fog Coat.

Chip-Lock
NTEA
GSB

This work and all materials required to perform this work shall be paid for at the contract unit price per sq yd for FOG COAT.

EACH SECTION ABOVE MAY BE BID SEPARATELY;
I.E. SEALCOATING SECTION MAY BE BID SEPARATELY
WITHOUT BIDDING THE FOG COAT SECTION, ETC.

The quantity for rock and oil are estimated quantities. Types of materials, equipment, and application affects the rates of the materials. The application rates for materials reflected in the quantities are a maximum rate. This ensures that the local agency will not go over budget. The contractor can alter the application rate given the materials, equipment, and application in order to achieve cured oil coverage equal to 70% of chip height.



STEP 2 of 3

Company
Name, Address, Contact Information, Logo

A form of this letter shall be handed out to all properties bordering the street to be sealcoated. The letter shall be delivered 24 hours prior to the sealcoat application. Failure to notify residents within these requirements shall constitute a \$100 per property fine.

YOUR STREET Will Be Sealcoated (oil and chip)

Treatment Dates:

Day of the Week, Month, Day

(or the next business day or two if delays occur)

POINTS TO REMEMBER:

- 1) Your road will NOT be closed. You will have access in and out all day. We recommend not turning sharply with your vehicles tires.
- 2) Please remove any parked vehicles on or near the pavement between the hours of 7 a.m. and 6 p.m.
- 3) If you have a special event or situation (garage sale, reception/ party, appointment, etc) call name and cell phone # to see if other arrangements can be made.
- 4) Rain or equipment problems may delay the work until the following few business days.
- 5) There will be loose rock for approximately 2 to 4 weeks. Please drive slowly. After that the loose rock will be swept and the next application will be applied.

Thank you for your cooperation.

Direct Contact Information that can be reached
24 hours 7 days per week

This is step 2 of 3 for improving your roadway. After this process is completed, the next process will start in approximately 2-4 weeks.

STEP 3 of 3

Company
Name, Address, Contact Information, Logo

A form of this letter shall be handed out to all properties bordering the street to have GSB applied. The letter shall be delivered 48 hours prior to GSB application. Failure to notify residents within these requirements shall constitute a \$100 per property fine.

YOUR STREET Will Be Treated With a liquid Road Preservation Product

Treatment Dates:

Day of the Week, Month, Day

(or the next business day or two if delays occur)

POINTS TO REMEMBER:

- 1) Your road will NOT be closed. You will have access in and out all day. We recommend not returning into your driveway (unless necessary) until the product is dry, usually 1-2 hours after it is applied to your street.
- 2) Please remove any parked vehicles on or near the pavement between the hours of 7:30 a.m. and 5 p.m.
- 3) If you have a special event or situation (garage sale, reception/ party, appointment, etc) call name and cell phone # to see if other arrangements can be made.
- 4) Rain or equipment problems may delay the work until the following few business days.
- 5) When you see cones on street, one side of street is still wet. DO NOT DRIVE ACROSS WET treatment into your driveway as you will track wet product onto your driveway. Wait until cones are picked up and you will not cause yourself clean-up issues on your driveway.

Thank you for your cooperation.

Direct Contact Information that can be reached
24 hours 7 days per week

WHY IS THIS NEEDED?

Preventative maintenance dollars spent now will reflect in our roads lasting longer over the next several years. This treatment can be compared in concept to staining a wood deck to prevent it against sun and water damage. Asphalt requires these same protective precautions to extend the life of the pavement.

This is step 3 of 3, the final step for improving your roadway.

Thank you for your patience.

FOG COAT SPECIAL PROVISION

The following materials listed and detailed in this special provision shall be permitted for use with the FOG COAT pay item. These Pay items shall be paid with MFT Funds:

- Chip-Lock
- NTEA
- GSB

CHIP LOCK

Description: This work consists of preparing and treating a chip and seal surface surface with a specialized anionic chip-lock asphalt emulsion.

Material: Conform to the following typical physical properties:

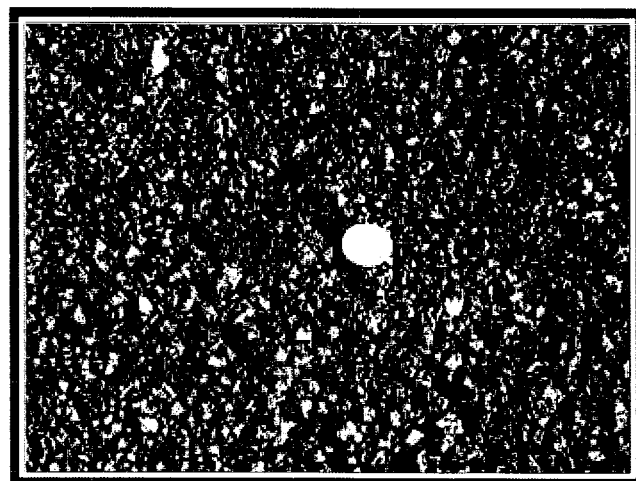
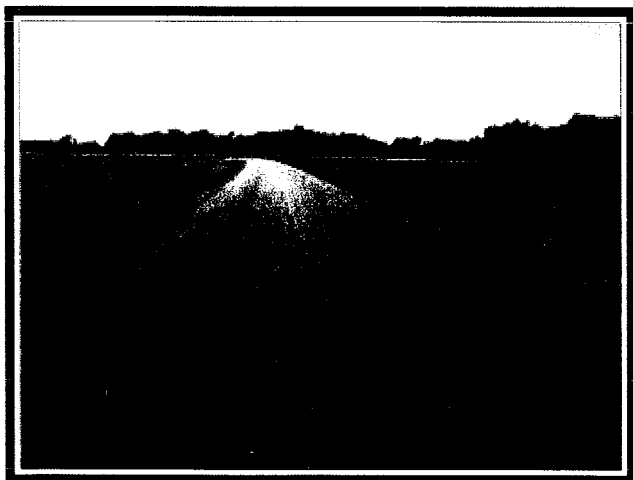
Parameter	AASHTO Test Method	MIN	MAX
Soybolt Furol Viscosity, SFS @ 77°F	T59	0	25
Settlement, % Max.	T59	---	5
Residue by Distillation, %	T59	27	35
Oil Distillate, %	T59	---	1
Sieve Test, %	T59	---	0.3
Test on Residue			
Penetration, @ 77°F	T49	---	40
Solubility, %	T59	97.5	---

Note: Product should not contain filler such as clay, etc.

Weather Limitations: Do not apply the asphalt material if the surface temperature is below the minimum placement temperature for the pavement course to be placed. Note: Subject to damage if frozen.

Preparation of Surface: Ensure that the surface is thoroughly clean and dry when the asphalt materials is applied.

Application of Asphalt Material: Uniformly apply the asphalt materials with a distributor. Surface to be clean and dry. Nozzle spray pattern should be identical to one another along the distributor spray bar. The angle of the nozzle should be a 15-30 degree angle to the spray bar axis to maximize overlap. Chip-Lock should be applied at a rate of .1-.3 gallons per square yard. Recommended application temperature is 150°F to 180°F. For irregular areas such as driveways and intersections, apply the asphalt material using a method the Engineer approves. Apply the chip-lock in a manner that offers the least inconvenience to traffic and that allows one-way traffic without pickup or tracking. The Engineer and Manufacturer's Representative will approve the quantity, rate of application, temperature, distributor settings and areas to be treated before application of the chip-lock. Please contact the manufacturer representative for distributor settings and spray nozzles.



NTEA

Chip Grip Fog Seal Special Provision

Description.

This special provision covers the requirements for applying a fog seal to a chip seal surface. The fog seal will provide extra binder around the aggregates to prevent dislodging, reduce dust created by traffic driving on an uncoated aggregate surface and create a uniform, black wearing surface that helps delineate traffic markings.

Materials.

The asphalt material shall be in accordance with the following table.

Tests on Emulsion	Test Method	Requirement
Viscosity, 77°F, Saybolt Furol Seconds	AASHTO T 72	50 max
Sieve Test, %	AASHTO T 59	0.3 max
Residue by distillation*, %	AASHTO T 59	30 min
Oil Distillate by volume of emulsion, %	AASHTO T 59	1.0 max
Tests on Residue		
Pen 77°F, 100g, 5 Sec., dmm	AASHTO T 49	40 max
Solubility in TCE, %	AASHTO T 44	97.5 min

*300g of emulsion may be used to obtain enough residue for testing

Construction Requirements.

A pressure distributor shall be used to apply Chip Grip within a certain range of application rates. The distributor shall be capable of recirculating material for mixing and agitation purposes. The distributor shall be capable of heating the Chip Grip to a temperature of at least 180 degrees Fahrenheit. The distributor shall be equipped with appropriate spray nozzles for the specified application rates and provide uniform coverage.

The contractor may use a portable storage unit or transfer trailer with mixing and heating capabilities to transport larger quantities of material to the job site.

Consult with the manufacturer for recommended storage conditions and storage life.

Surface Preparation.

Prior to the application of the Chip Grip, the Engineer shall ensure the application area is free of debris and surface moisture. The Engineer will determine if the moisture under the surface will delay construction based on the amount of and time since the last rain. The area may be cleaned by sweeper/vacuum truck, power broom, air compressor or hand to the satisfaction of the Engineer.

Application.

For chip seal applications with aggregate size of 3/8" or greater, the application of Chip Grip shall be at a rate between 0.05 to 0.08 gallon per square yard. After the first application is set to where

driving on the newly applied surface does not track or pick up on the tires, apply a second application in the same area at a rate in the same range, 0.05 to 0.08 gallon per square yard, in the opposite direction. The rates may be adjusted by the Engineer if coverage is not complete.

Material may be dispensed through a pressure feed hand wand attached to a portable storage unit or pressure distributor provided temperature is maintained and application rate can be accurately measured.

Acceptance.

Provide a Bill of Lading to the Engineer for every tanker or distributor supplying material to the project.

The material will be deemed acceptable if the chips in the chip seal are fully covered and the material does not track under traffic.

Method of Measurement.

Chip Grip will be measured by the square yard (sy).

Basis of Payment.

Chip Grip will be paid for at the contract unit price per square yard (sy).

Pay Items

Pay Unit Symbol

Chip Grip, Fog Seal Emulsion.....XXX

GSB

GSB-88 Rejuvenating Sealer and Binder

Product Description: GSB-88 Emulsified Sealer/Binder is a chemically engineered asphalt pavement binder comprised of a cationic emulsion of Gilsonite ore and specially selected plastisizers. This chemical colloid stabilized emulsion has been specifically formulated for sealing city streets, county roads, airport runways, airport taxiways, and airport parking aprons and asphalt parking lots. GSB-88 Emulsified Sealer/Binder provides a durable, yet flexible topcoat, while special plastisizers and oils penetrate and rejuvenate asphalt pavements. The result is an emulsified seal coat that restores vital components to asphalt pavements lost during the aging and oxidation process. The Gilsonite seal proves a longwearing anti-oxidative seal for the surface of the asphalt pavement. GSB-88 Emulsified Sealer/Binder beautifies asphalt pavements by drying to an absolute black color.

Section I. Product Specification

<u>Specifications for Rejuvenating Sealer & Binder Ready To Apply:</u>	Method	Specification
Saybolt Viscosity at 77 F (25 C)	ASTM D-244	10-50 SEC
Residue by distillation, or evaporation		28% to 38%
Pumping stability test (2)		PASS

<u>Tests on Residue from Distillation or Evaporation:</u>	Method	Specification
Viscosity at 275 F (135 C)	ASTM D-2170	1750 CTS MAX.
Total distillate recovered by 680 F (360 C)		20% MAX.
Vapor pressure of distillate at 760 mmhg, 0 C (3)		0.1 mmhg MAX.
Solubility in 1,1,1 Trichloroethylene	ASTM D-2042	97.5% MIN.
Penetration	ASTM D-5	50 dmm MAX.
Asphaltenes	ASTM D-2007	15% MIN.
	ASTM D-2007	15% MAX.
<i>Saturates</i>		
Polar Compounds	ASTM D-2007	25% MIN.
Aromatics	ASTM D-2007	15% MIN.

- (1) pH may be used in lieu of the particle charge test which is sometimes inconclusive in slow setting, bituminous emulsions.
- (2) Pumping stability is tested by pumping 1 pint, (475 ml) of rejuvenation sealer and binder-88 diluted 1 part concentrate to 1 part water, at 77 F (25 C), through a ¼ inch gear pump operating 1750 rpm for 10 minutes with no significant separation or coagulation.
- (3) Vapor pressure is the pressure exerted when a liquid or solid is in equilibrium with its own vapor. Organic distillates with a vapor pressure of 0.1mm of mercury or less are not considered to be volatile organic compounds.
- (4) Base stock for the rejuvenating sealer and binder-emulsion shall be a homogenous mixture of Gilsonite select rejuvenation oils and select plastisizers.

SPECIAL PROVISIONS

GSB-88 Rejuvenating Sealer and Binder

1.0 Aggregate Sand Specification

1.1 Shall be a fused ferro-alumino-silicate of complex composition. Free of clay and organic matter. Material to be of a consistent chemistry and specific gravity to provide high breakdown resistance.

2.0 Specifications for Aggregate

- 2.1 Free silica shall be less than 0.1%
- 2.2 Shall be chemically inert
- 2.3 Particles shape to be fractured rough angular particles
- 2.4 Moh's Mineral Hardness Scale 6-7 Moh's
- 2.5 Sand to be black in appearance
- 2.6 Material to be moisture free & non-absorbing

3.0 Equipment

3.1 The rejuvenating sealer and binder shall be applied using a standard bituminous distributor that is properly modified to apply the aggregate and sealer-binder in a one continuous one step operation. The equipment must be in good working order and contain no contaminants or dilutants in the tank. Distributor bar tips must be clean, free of burrs, and adjustable for regulated flow. Any type of tip or pressure source is suitable that will maintain predetermined flow rates and constant pressure for leaks and to insure it is in working order prior to use.

3.2 The sanding unit for application of sand must be permanently attached to the distributor truck. It is imperative that the sanding be done immediately upon application of the material to the asphaltic surface. Separate truck sanding operations will not be acceptable.

3.3 Edging and return areas require the same application rate as the main traffic flow areas. These areas require a smaller mechanized application vehicle. This cart is capable of cutting edges and curved areas at the same application rate as the main distributor truck.

4.0 Surface Preparation

4.1 Preparation of Pavement Surfaces

4.1.1 Repair and patching of all major pavement defects shall be completed prior to application. Just before applying, clean the asphalt surface of all loose dust, dirt, and other debris. All cracks, other than hairline cracks, shall be filled with a suitable bituminous crack sealer. This may be done before or after application. Crack sealing is not part of this specification and not included in this bid project.

SPECIAL PROVISIONS

GSB-88 Rejuvenating Sealer and Binder

5.0 Application

5.1 Rate of Application

5.1.1 Rate of application shall be determined by the texture, porosity, and age of the asphalt pavement to be sealed. The rate of application can vary from 0.10 to 0.18 gallons per square yard. The average rate will generally be from 0.12 to 0.15 gallons per square yard. The optimum application rate shall be determined by the owner.

5.2 Application Precautions

5.2.1 Product shall not be applied to wet or damp pavement surfaces. Do not apply during rainy or damp weather, or when rain is anticipated within four to eight hours after application is completed. Pavement surface temperatures shall be 40 degrees F (4 C) and rising. Traffic shall not be allowed on the roadway surface until the rejuvenating sealer and binding agent has penetrated and fully cured.

6.0 Sanding

6.1 The surface texture of the pavement to be sealed shall be checked prior to application of rejuvenating sealer and binder to determine amount of sanding required. Sanding shall be done immediately following application using a sanding unit permanently attached to the distributor truck. Excess sand shall be swept or vacuumed from the pavement within 24 hours of the pavement reopening to pedestrian or vehicular traffic. Skid resistance testing shall be performed prior to application of rejuvenating sealer and binder. The optimum rate of sand application to be determined by owner.

7.0 Storage and Handling Instructions

7.1 GSB-88 Emulsified Sealer/Binder may be stored and handled like any standard asphalt emulsion. Vertical storage tanks are recommended. The storage tank should be equipped with a slow revolution mechanical agitator. Hot water heating coils, or electrical heaters are required in colder climates to prevent the emulsion from freezing. Positive displacement gear pumps should be used to transfer and apply GSB-88 Emulsified Sealer/Binder materials. Storage and handling temperatures are 100 degrees F (38 C) to 160 degrees F (71 C). GSB-88 Emulsified Sealer/Binder should be protected from freezing, or whenever the outside temperature drops below 40 degrees F) 4 C) for prolonged time periods.

8.0 Cure Time

8.1 Under normal conditions, cure time for rejuvenating sealer and binder is two to eight hours. Sheltered or shady areas may require longer cure times. Spread blotter material if the rejuvenating agent fails to penetrate. Traffic shall be maintained until material is fully cured.

9.0 Striping

9.1 Striping, if necessary, shall be performed by others.

SPECIAL PROVISIONS
GSB-88 Rejuvenating Sealer and Binder

10.0 Clean Up

10.1 GSB-88 Emulsified Sealer/Binder that has not dried may be cleaned up with water. Dried GSB-88 may be removed with degreasing solvents. GSB-88 should be removed from skin using hand cleaners and skin creams.

11.0 Notification

11.1 The Contractor shall handle all residential notification. This will entail posting resident notification flyers 24-48 hours before actual work begins. The notification shall detail the GSB-88 process (including the limited access to driveway during cure time) along with the onsite operations manager's contact number for any questions or issues that might arise.

12.0 Maintenance

12.1 Under normal wear and tear, a single application of GSB-88 Emulsified Sealer/Binder, properly applied, should not require reapplication for up to three years. Reapplications should be at the recommended rates. Regular preventative maintenance can extend the life of pavement indefinitely.

13.0 Applicator Experience:

12.1 GSB-88 shall be applied by an experienced applicator of such material. The applicator shall have a minimum of three (3) years experience in applying GSB product. The applicator must submit a list of three (3) projects on which similar work has been applied. Included on the list will be project name, contact, phone number of contact and project date.

12.2 Contractor shall be manufacturer authorized and approved as an applicator of GSB-88 Emulsion Sealer/Binder, using manufacturer approved installation equipment. The contractor shall be versed in proper shipping, handling, dilution, and application processes for GSB-88.

SPECIAL PROVISIONS
GSB-88 Rejuvenating Sealer and Binder

14.0 Manufacturers Representative

13.1 The manufacturer shall be notified in order to provide the engineer with recommended procedures. A manufacturer representative shall also be present during application. For more info regarding GSB-88 Emulsified Sealer/Binder please call the manufacturer's representative/distributor.

13.2 GSB-88 Emulsified Sealer/Binder will penetrate the surface of any asphalt pavement sufficiently to bind together the top aggregate and become a part of the existing pavement whenever the pavement is clean and dry. Depth of penetration into the pavement is determined by the porosity of the pavement, application rate, pavement temperature and product viscosity and temperature.

13.3 GSB-88 Emulsified Sealer/Binder will preserve and protect asphalt pavement regardless of traffic abrasion. Even after the surface coating has worn off there will be sufficient Gilsonite compound around the surface aggregate and in the top asphalt to assure superior binding, sealing and preserving performance.

15.0 Method of Measurement

14.1 The quantity of GSB-88 Emulsified Sealer/Binder to be paid for will be the number of square yards of material actually applied and accepted by the Local Agency as complying with the plans and specifications.

16.0 Basis of Payment

15.1 Payment will be made at the contract unit price per square yard for GSB-88 Emulsified Sealer/Binder. This price will be full compensation for furnishing all materials, for all preparation, delivery, and application of these materials, and for all labor, equipment, tools, and incidentals necessary to complete this item, including the furnishing and placing of sand and any other work necessary to complete this item.

PRE-CONSTRUCTION MEETING: A pre-construction meeting for this Section is required.

WEIGHT LIMITS: Legal weight limits are to be observed on Local Agency roads at all times.

TIME SCHEDULE: The specified completion date for this project is September 15 of the current year.

**END OF
FOG COAT
SPECIAL
PROVISION**

Effective Date	County	Trade Title	Region	Type	Class	Base Wage	Foreman Wage	OT M-F	OT Sa	OT Su	OT Hol	H/W	Pension	Vacation	Training	Other Fringe Benefit
8/15/2018	Tazewell	ASBESTOS ABT-GEN	NW	BLD		26.89	28.39	1.5	1.5	2	2	7.8	18.85	0	0.8	0
8/15/2018	Tazewell	ASBESTOS ABT-GEN	NW	HWY		30.53	32.03	1.5	1.5	2	2	8.2	21.45	0	0.85	0
8/15/2018	Tazewell	ASBESTOS ABT-GEN	SE	BLD		28	29.5	1.5	1.5	2	2	9	14.57	0	0.8	0
11/5/2018	Tazewell	ASBESTOS ABT-MEC	All	BLD		32.78	35.28	1.5	1.5	2	2	12.92	11.82	0	0.72	0
8/15/2018	Tazewell	BOILERMAKER	All	BLD		40	43	2	2	2	2	7.07	18.19	0	0.4	0
8/15/2018	Tazewell	BRICK MASON	All	BLD		34.1	35.6	1.5	1.5	2	2	10.35	11.32	0	0.82	0
1/11/2019	Tazewell	CARPENTER	All	BLD		32.46	34.71	1.5	1.5	2	2	8.55	18	0	0.54	0
8/15/2018	Tazewell	CARPENTER	All	HWY		34.66	36.91	1.5	1.5	2	2	8.55	18.6	0	0.6	0
8/15/2018	Tazewell	CEMENT MASON	All	BLD		31.03		1.5	1.5	2	2	8.5	16.9	0	0.62	0.34
8/15/2018	Tazewell	CEMENT MASON	All	HWY		32.73	34.23	1.5	1.5	2	2	8.5	17.27	0	0.63	0
8/15/2018	Tazewell	CERAMIC TILE FINISHER	All	BLD		31.78	31.78	1.5	1.5	2	2	10.35	11.32	0	0.8	0
8/15/2018	Tazewell	ELECTRIC PWR EQMT OP	All	ALL		45.09	56.52	1.5	1.5	2	2	7.1	12.62	0	0.45	0
8/15/2018	Tazewell	ELECTRIC PWR GRNDMAN	All	ALL		30.81	56.52	1.5	1.5	2	2	6.67	8.62	0	0.31	0
8/15/2018	Tazewell	ELECTRIC PWR LINEMAN	All	ALL		50.11		1.5	1.5	2	2	7.25	14.03	0	0.79	0
8/15/2018	Tazewell	ELECTRIC PWR TRK DRV	All	ALL		32.32	56.52	1.5	1.5	2	2	6.72	9.05	0	0.32	0
8/15/2018	Tazewell	ELECTRICIAN	All	BLD		36.51		1.5	1.5	2	2	7.65	11.64	0	0.8	0
8/15/2018	Tazewell	ELECTRONIC SYS TECH	All	BLD		28.02		1.5	1.5	2	2			0		16.7
8/15/2018	Tazewell	ELEVATOR CONSTRUCTOR	All	BLD		44.78	50.38	2	2	2	2	15.43	16.61	3.58	0.61	0
8/15/2018	Tazewell	GLAZIER	All	BLD		35.37		1.5	1.5	2	2	10.85	8.3	0	1.25	0
11/5/2018	Tazewell	HT/FROST INSULATOR	All	BLD		43.7	46.2	1.5	1.5	2	2	12.92	13.16	0	0.72	0
8/15/2018	Tazewell	IRON WORKER	All	BLD		32.41	34.31	1.5	1.5	2	2	11.01	16.32	0	0.74	0.57
8/15/2018	Tazewell	IRON WORKER	All	HWY		37.44	39.44	1.5	1.5	2	2	11.01	8.41	0	0	8.95
8/15/2018	Tazewell	LABORER	NW	BLD		25.89		1.5	1.5	2	2	7.8	18.85	0	0.8	0
8/15/2018	Tazewell	LABORER	NW	HWY		32.61		1.5	1.5	2	2	6.3	16.96	0	0.8	4.15
8/15/2018	Tazewell	LABORER	SE	BLD		28.62	34.55	1.5	1.5	2	2	9.25	15	0	0.8	0.51
8/15/2018	Tazewell	LABORER	SE	HWY		32.61	34.11	1.5	1.5	2	2	9.25	17.5	0	0.8	0
8/15/2018	Tazewell	LATHER	All	BLD		32.46	34.71	1.5	1.5	2	2	8.55	18	0	0.54	0
8/15/2018	Tazewell	MACHINERY MOVER	All	HWY		35.98	37.98	1.5	1.5	2	2	9.49	13.91	0	0	
8/15/2018	Tazewell	MACHINIST	All	BLD		48.38	50.88	1.5	1.5	2	2	7.23	8.95	1.85	1.47	0
8/15/2018	Tazewell	MARBLE FINISHERS	All	BLD		31.78	31.78	1.5	1.5	2	2	10.35	11.32	0	0.8	0
8/15/2018	Tazewell	MARBLE MASON	All	BLD		34.02	35.27	1.5	1.5	2	2	10.35	11.32	0	0.82	0
8/15/2018	Tazewell	MILLWRIGHT	All	BLD		31.74		1.5	1.5	1.5	1.5	8.45	17.72	0	0.54	0
8/15/2018	Tazewell	MILLWRIGHT	All	HWY		35.01	37.26	1.5	1.5	2	2	8.55	18.8	0	0.52	0
8/15/2018	Tazewell	OPERATING ENGINEER	All	BLD	1	39.69		1.5	1.5	1.5	1.5	9	19.23	0	3	0
8/15/2018	Tazewell	OPERATING ENGINEER	All	BLD	2	37.07	43.01	1.5	1.5	2	2	10	19.73	0	3.3	0
8/15/2018	Tazewell	OPERATING ENGINEER	All	BLD	3	32.12		1.5	1.5	1.5	1.5	8	19.23	0	3	1
10/26/2018	Tazewell	OPERATING ENGINEER	All	HWY	1	40.02		1.5	1.5	2	2	10	19.73	0	3.3	0
8/15/2018	Tazewell	OPERATING ENGINEER	All	HWY	2	36.83		1.5	1.5	2	2	0	19.23	0	0	12

8/15/2018	Tazewell	OPERATING ENGINEER	All	HWY	3	32.22	43.02	1.5	1.5	1.5	2	2	10	19.73	0	3.3	0
8/15/2018	Tazewell	PAINTER	All	ALL		36.1		1.5	1.5	1.5	1.5	2	11.55	8.2	0	1.35	0
8/15/2018	Tazewell	PAINTER SIGNS	All	BLD		38.2	43.25	1.5	1.5	1.5	2	2	2.6	3.25	0	0	0
8/15/2018	Tazewell	PILED RIVER	All	BLD		33.46	35.71	1.5	1.5	1.5	2	2	8.55	18	0	0.54	0
8/15/2018	Tazewell	PILED RIVER	All	HWY		34.04	36.29	1.5	1.5	1.5	2	2	8.45	17.5	0	0.52	0
8/15/2018	Tazewell	PIPE FITTER	All	BLD		39.5	43.85	1.5	1.5	1.5	2	2	7.25	12.78	0	1.16	0
8/15/2018	Tazewell	PLASTERER	All	BLD		29.91	31.16	1.5	1.5	1.5	2	2	8.65	17.24	0	0.8	0
8/15/2018	Tazewell	PLUMBER	All	BLD		35.57		1.5	1.5	1.5	2	2	8	13.86	0	0.9	0
8/15/2018	Tazewell	ROOFER	All	BLD		31		1.5	1.5	1.5	1.5	1.5	9	9.2	0	0.3	0
8/15/2018	Tazewell	SHEETMETAL WORKER	All	BLD		33.47	35.14	1.5	1.5	1.5	2	2	9.87	17.49	0	0.95	0
8/15/2018	Tazewell	SIGN HANGER	All	HWY		36.82	38.82	1.5	1.5	1.5	2	2	10.66	15.47	0	0.64	
8/15/2018	Tazewell	SPRINKLER FITTER	All	BLD		45.62	45.62	1.5	1.5	1.5	2	2	9.67	9.8	0	0.77	0
8/15/2018	Tazewell	STEEL ERECTOR	All	HWY		36.82	38.82	1.5	1.5	1.5	2	2	10.66	15.47	0	0.64	
8/15/2018	Tazewell	STONE MASON	All	BLD		34.1	35.6	1.5	1.5	1.5	2	2	10.35	11.32	0	0.82	0
8/15/2018	Tazewell	TERRAZZO FINISHER	All	BLD		31.78	31.78	1.5	1.5	1.5	2	2	10.35	11.32	0	0.8	0
8/15/2018	Tazewell	TERRAZZO MASON	All	BLD		34.02	35.27	1.5	1.5	1.5	2	2	10.35	11.32	0	0.82	0
8/15/2018	Tazewell	TILE MASON	All	BLD		34.02	35.27	1.5	1.5	1.5	2	2	10.35	11.32	0	0.82	0
8/15/2018	Tazewell	TRUCK DRIVER	All	ALL	1	37.06	41.07	1.5	1.5	1.5	2	2	12.65	6.12	0	0.25	0
8/15/2018	Tazewell	TRUCK DRIVER	All	ALL	2	36.67		1.5	1.5	1.5	2	2	0	5.89	0	0	12.41
8/15/2018	Tazewell	TRUCK DRIVER	All	ALL	3	37.85		1.5	1.5	1.5	2	2	11.65	6.12	0	0.25	1.03
8/15/2018	Tazewell	TRUCK DRIVER	All	ALL	4	38.2	41.07	1.5	1.5	1.5	2	2	12.65	6.12	0	0.25	0
8/15/2018	Tazewell	TRUCK DRIVER	All	ALL	5	39.21	41.07	1.5	1.5	1.5	2	2	12.65	6.12	0	0.25	0
8/15/2018	Tazewell	TRUCK DRIVER	All	O&C	1	29.65	32.86	1.5	1.5	1.5	2	2	12.65	6.12	0	0.25	0
8/15/2018	Tazewell	TRUCK DRIVER	All	O&C	2	30.08	32.86	1.5	1.5	1.5	2	2	12.65	6.12	0	0.25	0
8/15/2018	Tazewell	TRUCK DRIVER	All	O&C	3	30.28	32.86	1.5	1.5	1.5	2	2	12.65	6.12	0	0.25	0
8/15/2018	Tazewell	TRUCK DRIVER	All	O&C	4	30.56	32.86	1.5	1.5	1.5	2	2	12.65	6.12	0	0.25	0
8/15/2018	Tazewell	TRUCK DRIVER	All	O&C	5	31.37	32.86	1.5	1.5	1.5	2	2	12.65	6.12	0	0.25	0
8/15/2018	Tazewell	TUCK POINTER	All	BLD		34.1	35.6	1.5	1.5	1.5	2	2	10.35	11.32	0	0.82	0



Check Sheet for Recurring Special Provisions



Local Public Agency	County	Section Number
VILLAGE OF MORTON	TAZEWELL	22-00000-00-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

VILLAGE OF MORTON

TAZEWELL

22-00000-00-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 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 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

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

COMPENSABLE DELAY COSTS (BDE)

Effective: June 2, 2017

Revised: April 1, 2019

Revise Article 107.40(b) of the Standard Specifications to read:

“(b) Compensation. Compensation will not be allowed for delays, inconveniences, or damages sustained by the Contractor from conflicts with facilities not meeting the above definition; or if a conflict with a utility in an unanticipated location does not cause a shutdown of the work or a documentable reduction in the rate of progress exceeding the limits set herein. The provisions of Article 104.03 notwithstanding, compensation for delays caused by a utility in an unanticipated location will be paid according to the provisions of this Article governing minor and major delays or reduced rate of production which are defined as follows.

- (1) Minor Delay. A minor delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two hours, but not to exceed two weeks.
- (2) Major Delay. A major delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two weeks.
- (3) Reduced Rate of Production Delay. A reduced rate of production delay occurs when the rate of production on the work in conflict with the utility in an unanticipated location decreases by more than 25 percent and lasts longer than seven calendar days.”

Revise Article 107.40(c) of the Standard Specifications to read:

“(c) Payment. Payment for Minor, Major, and Reduced Rate of Production Delays will be made as follows.

- (1) Minor Delay. Labor idled which cannot be used on other work will be paid for according to Article 109.04(b)(1) and (2) for the time between start of the delay and the minimum remaining hours in the work shift required by the prevailing practice in the area.

Equipment idled which cannot be used on other work, and which is authorized to standby on the project site by the Engineer, will be paid for according to Article 109.04(b)(4).

- (2) Major Delay. Labor will be the same as for a minor delay.

Equipment will be the same as for a minor delay, except Contractor-owned equipment will be limited to two weeks plus the cost of move-out to either the

Contractor's yard or another job and the cost to re-mobilize, whichever is less. Rental equipment may be paid for longer than two weeks provided the Contractor presents adequate support to the Department (including lease agreement) to show retaining equipment on the job is the most economical course to follow and in the public interest.

- (3) Reduced Rate of Production Delay. The Contractor will be compensated for the reduced productivity for labor and equipment time in excess of the 25 percent threshold for that portion of the delay in excess of seven calendar days. Determination of compensation will be in accordance with Article 104.02, except labor and material additives will not be permitted.

Payment for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be determined according to Article 109.13."

Revise Article 108.04(b) of the Standard Specifications to read:

"(b) No working day will be charged under the following conditions.

- (1) When adverse weather prevents work on the controlling item.
- (2) When job conditions due to recent weather prevent work on the controlling item.
- (3) When conduct or lack of conduct by the Department or its consultants, representatives, officers, agents, or employees; delay by the Department in making the site available; or delay in furnishing any items required to be furnished to the Contractor by the Department prevents work on the controlling item.
- (4) When delays caused by utility or railroad adjustments prevent work on the controlling item.
- (5) When strikes, lock-outs, extraordinary delays in transportation, or inability to procure critical materials prevent work on the controlling item, as long as these delays are not due to any fault of the Contractor.
- (6) When any condition over which the Contractor has no control prevents work on the controlling item."

Revise Article 109.09(f) of the Standard Specifications to read:

"(f) Basis of Payment. After resolution of a claim in favor of the Contractor, any adjustment in time required for the work will be made according to Section 108. Any adjustment in the costs to be paid will be made for direct labor, direct materials, direct equipment, direct jobsite overhead, direct offsite overhead, and other direct costs allowed by the resolution. Adjustments in costs will not be made for interest charges, loss of anticipated profit, undocumented loss of efficiency, home office overhead and unabsorbed overhead

other than as allowed by Article 109.13, lost opportunity, preparation of claim expenses and other consequential indirect costs regardless of method of calculation.

The above Basis of Payment is an essential element of the contract and the claim cost recovery of the Contractor shall be so limited.”

Add the following to Section 109 of the Standard Specifications.

“**109.13 Payment for Contract Delay.** Compensation for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be allowed when such costs result from a delay meeting the criteria in the following table.

Contract Type	Cause of Delay	Length of Delay
Working Days	Article 108.04(b)(3) or Article 108.04(b)(4)	No working days have been charged for two consecutive weeks.
Completion Date	Article 108.08(b)(1) or Article 108.08(b)(7)	The Contractor has been granted a minimum two week extension of contract time, according to Article 108.08.

Payment for each of the various costs will be according to the following.

- (a) Escalated Material and/or Labor Costs. When the delay causes work, which would have otherwise been completed, to be done after material and/or labor costs have increased, such increases will be paid. Payment for escalated material costs will be limited to the increased costs substantiated by documentation furnished by the Contractor. Payment for escalated labor costs will be limited to those items in Article 109.04(b)(1) and (2), except the 35 percent and 10 percent additives will not be permitted.
- (b) Extended Project Overhead. For the duration of the delay, payment for extended project overhead will be paid as follows.
 - (1) Direct Jobsite and Offsite Overhead. Payment for documented direct jobsite overhead and documented direct offsite overhead, including onsite supervisory and administrative personnel, will be allowed according to the following table.

Original Contract Amount	Supervisory and Administrative Personnel
Up to \$5,000,000	One Project Superintendent
Over \$ 5,000,000 - up to \$25,000,000	One Project Manager, One Project Superintendent or Engineer, and One Clerk
Over \$25,000,000 - up to \$50,000,000	One Project Manager, One Project Superintendent, One Engineer, and

	One Clerk
Over \$50,000,000	One Project Manager, Two Project Superintendents, One Engineer, and One Clerk

(2) Home Office and Unabsorbed Overhead. Payment for home office and unabsorbed overhead will be calculated as 8 percent of the total delay cost.

(c) Extended Traffic Control. Traffic control required for an extended period of time due to the delay will be paid for according to Article 109.04.

When an extended traffic control adjustment is paid under this provision, an adjusted unit price as provided for in Article 701.20(a) for increase or decrease in the value of work by more than ten percent will not be paid.

Upon payment for a contract delay under this provision, the Contractor shall assign subrogation rights to the Department for the Department's efforts of recovery from any other party for monies paid by the Department as a result of any claim under this provision. The Contractor shall fully cooperate with the Department in its efforts to recover from another party any money paid to the Contractor for delay damages under this provision."

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)

Effective: November 2, 2017

Revised: April 1, 2019

Replace the second paragraph of Article 109.12 of the Standard Specifications with the following:

“This mobilization payment shall be made at least seven days prior to the subcontractor starting work. The amount paid shall be at the following percentage of the amount of the subcontract reported on form BC 260A submitted for the approval of the subcontractor’s work.

Value of Subcontract Reported on Form BC 260A	Mobilization Percentage
Less than \$10,000	25%
\$10,000 to less than \$20,000	20%
\$20,000 to less than \$40,000	18%
\$40,000 to less than \$60,000	16%
\$60,000 to less than \$80,000	14%
\$80,000 to less than \$100,000	12%
\$100,000 to less than \$250,000	10%
\$250,000 to less than \$500,000	9%
\$500,000 to \$750,000	8%
Over \$750,000	7%”

80391

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Add the following to Article 701.03 of the Standard Specifications:

“(q) Temporary Sign Supports1106.02”

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:

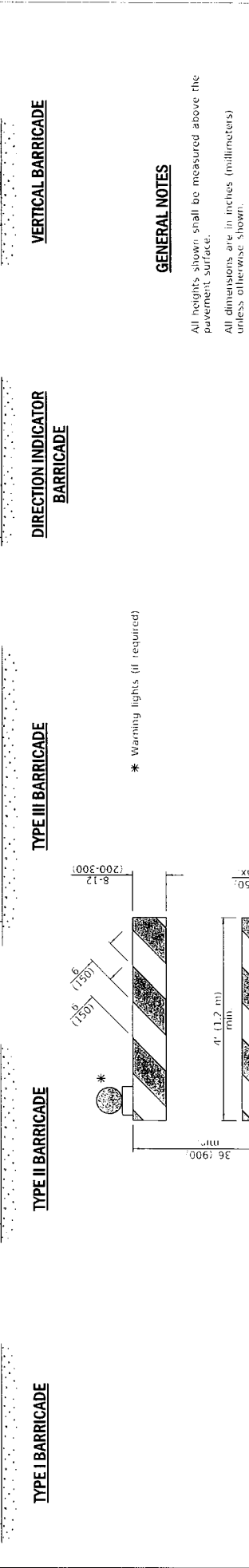
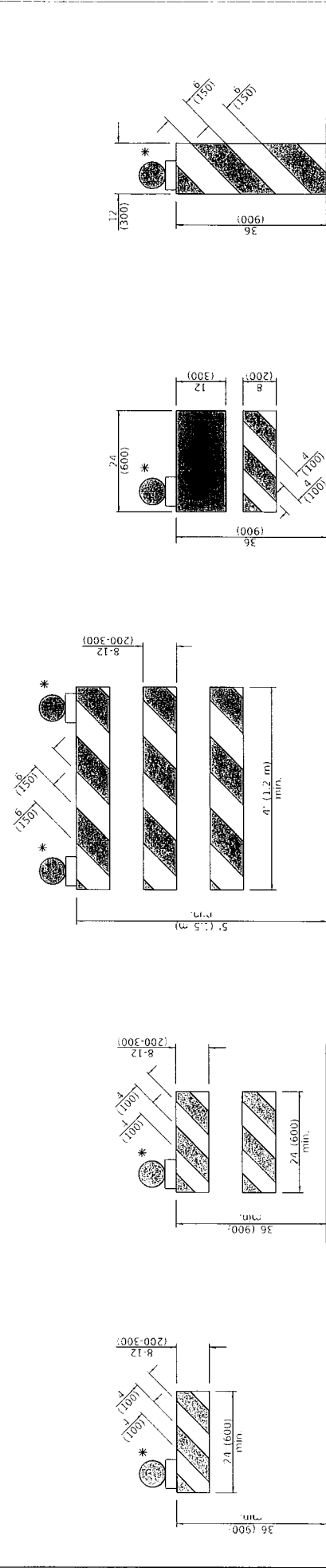
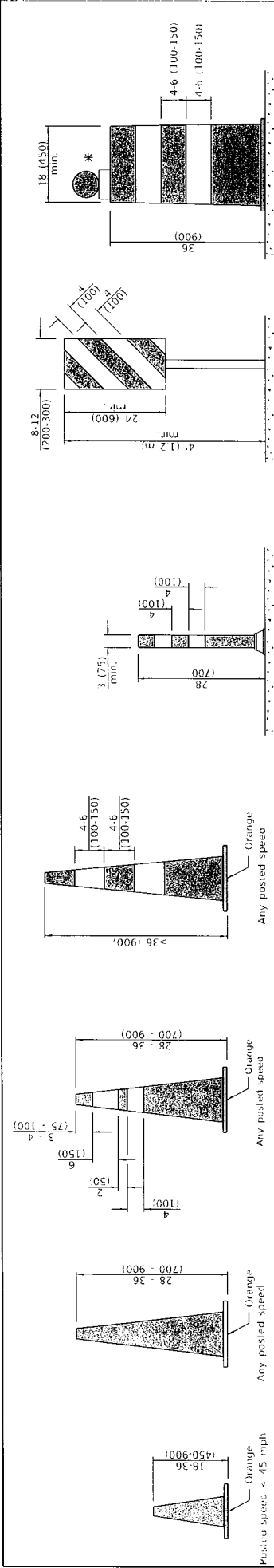
“(g) Truck Mounted/Trailer Mounted Attenuators. The attenuator shall be approved for use at Test Level 3. Test Level 2 may be used for normal posted speeds less than or equal to 45 mph.

(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.”



GENERAL NOTES

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

* Warning lights (if required)

TRAFFIC CONTROL DEVICES

STANDARD 701901-08

(Sheet 1 of 3)

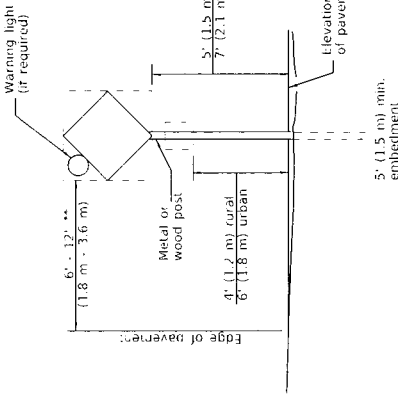
DATE	REVISIONS
1-1-19	Revised cone usage and added cones >36" (900 mm) height.
1-1-18	Revised PND WORK ZONE SPEED LIMIT sign from orange to white background.

Illinois Department of Transportation

APPROVED: [Signature] 7/2/19
ENGINEER OF SAFETY PREC. AND ENGINEERING

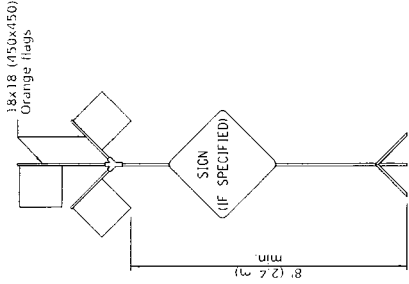
APPROVED: [Signature] 7/2/19
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUES: 1, 2, 3, 13



POST MOUNTED SIGNS

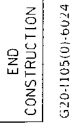
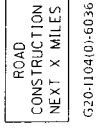
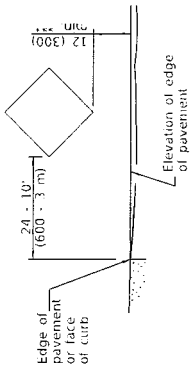
** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



HIGH LEVEL WARNING DEVICE

SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located within other devices, the height shall be the height of the device completely above the devices.



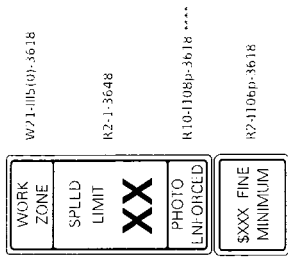
This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION MI X1 X MI+5 sign shall be placed 500 (150 m) in advance of project limits.

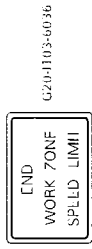
END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING



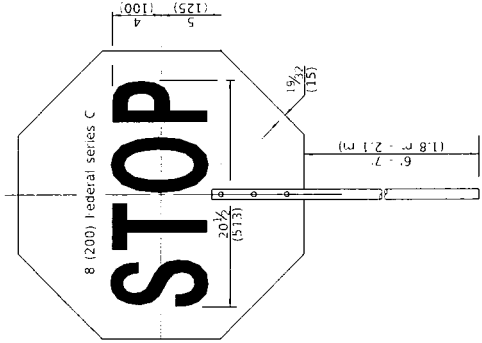
Sign assembly as shown on Standards or as allowed by District Operations.



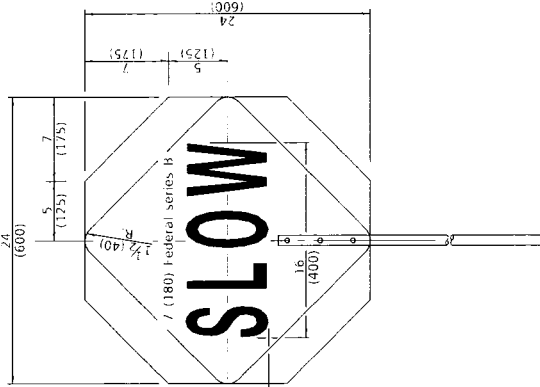
This sign shall be used when the above sign assembly is used.

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

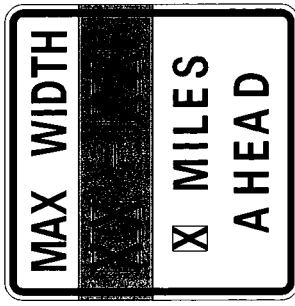
**** R10-1108p shall only be used along roadways under the jurisdiction of the State.



RI VHSI SIDE



FRONT SIDE



WIDTH RESTRICTION SIGN

XX-XXX" width and X miles are variable.

Illinois Department of Transportation

APPROVED: [Signature] 2019

ENGINEER OF SAFETY PROGRAM AND ENGINEERING

APPROVED: [Signature] 2019

ENGINEER OF DESIGN AND ENVIRONMENT

85503 1-1-13

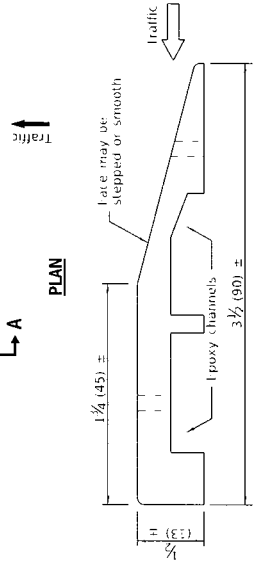
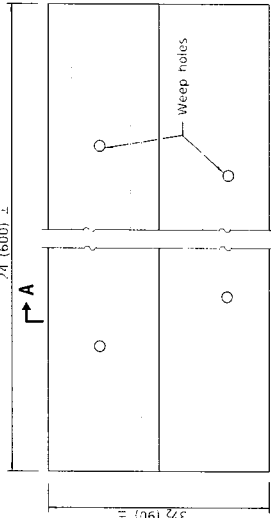
FLAGGER TRAFFIC CONTROL SIGN

TRAFFIC CONTROL DEVICES

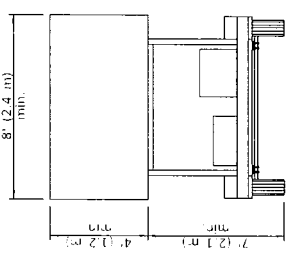
STANDARD 701901-08

Sheet 2 of 31

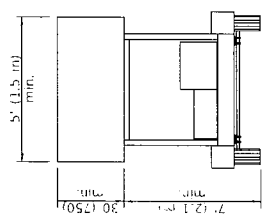
24 (600) ±



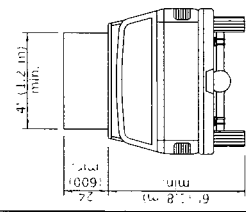
SECTION A-A



**TYPE C
TRAILER
MOUNTED**

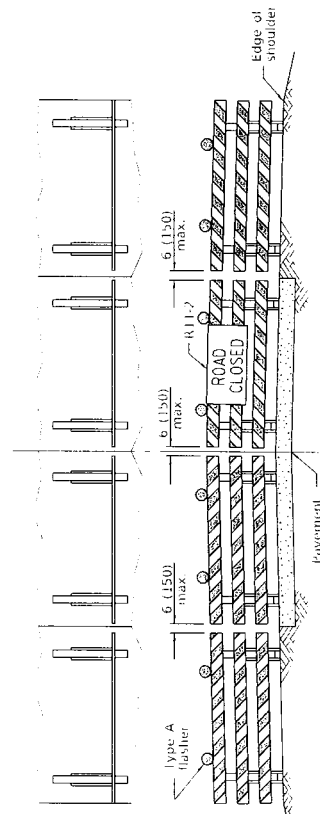


**TYPE B
ROOF OR TRAILER
MOUNTED**



**TYPE A
ROOF
MOUNTED**

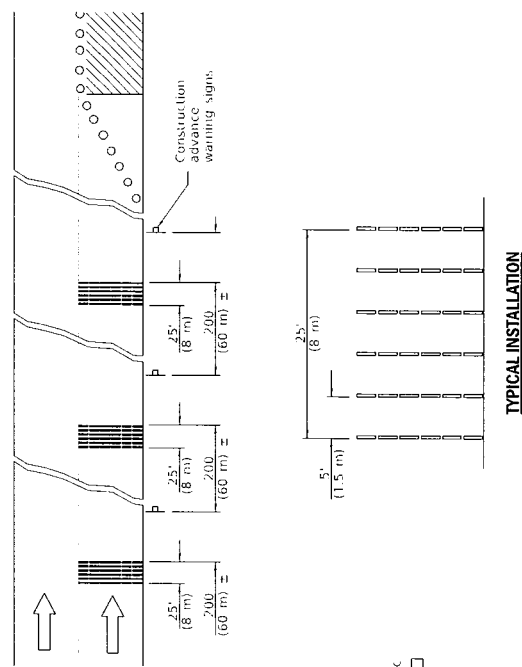
ARROW BOARDS



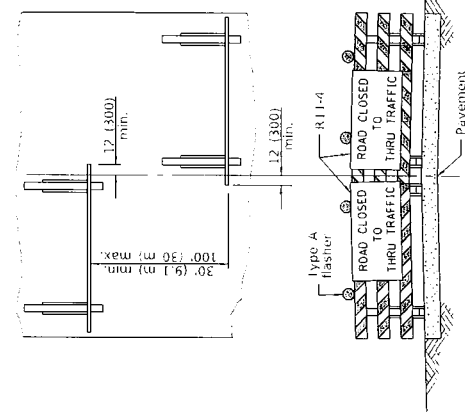
ROAD CLOSED TO ALL TRAFFIC

ReflectORIZED striping may be omitted on the back side of the barricades. The sign panel which meets MCHRP 350 is not available, the sign may be mounted on an MCHRP 350 temporary sign support directly in front of the barricade.

TEMPORARY RUMBLE STRIPS



TYPICAL INSTALLATION



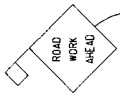
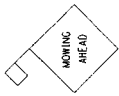
ROAD CLOSED TO TRAFFIC

ReflectORIZED striping shall appear on both sides of the barricade. The sign panel which meets MCHRP 350 is not available, the signs may be mounted on MCHRP 350 temporary sign supports directly in front of the barricade.

**TYPICAL APPLICATIONS OF
TYPE III BARRICADES CLOSING A ROAD**

Illinois Department of Transportation
 Approved: January 1, 2019
 ENGINEER OF SAFETY PROG. AND ENGINEERING
 APPROVED: January 1, 2019
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED: 11/13



• Minimum distance between the sign and the work area is 700' (215 m). Maximum distance to be determined by the local authority but in no case to exceed the length of one-half day's operation or 4 miles (6 km), whichever is less.

GENERAL NOTES

Maintenance operations shall be confined to one traffic lane, leaving the opposite lane open to traffic. At least 500' (150 m) of both traffic lanes shall be available for traffic movement between work areas at intervals not greater than 1000' (300 m).

When operations are on the pavement and stationary or moving at a speed less than 4 mph (6 km/h), a ONE LANE AHEAD, or other appropriate sign, shall be installed in each direction between the ROAD WORK AHEAD sign and the work area. The distance between this sign and the work area shall be a minimum of 400' (120 m) but in no case to exceed the length of one-half day's operation or 4 miles (6 km), whichever is less. The distance between the two signs shall be approximately 400' (120 m).

All signs are to be removed at completion of the day's operation.

Any unattended obstacle, excavation, or pavement drop off greater than 3' (75) in the work area shall be protected by Type I or Type II barricades with flashing lights.

Longitudinal dimensions may be adjusted slightly to fit field conditions.

All vehicles, equipment, men, and their activities are restricted at all times to one side of the pavement.

Flashing lights or rotating beacons are required for all maintenance vehicles while in operation.

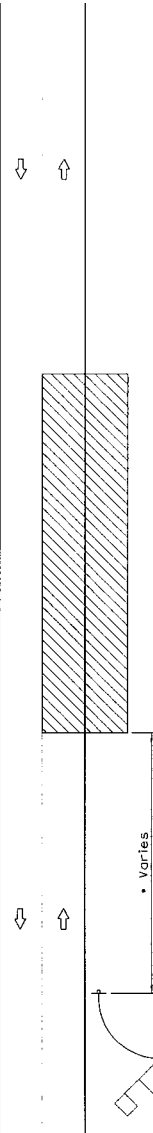
Applicable operations illustrated in Standard 701301 may be used when operations do not exceed 15 minutes on the pavement or 60 minutes on the shoulder respectively.

All warning signs shall have minimum dimensions of 36x36 (900x900) and have black legend on an orange reflectorized background.

When fluorescent signs are used, orange flags are not required.

This case is for use on rural local roads where the local authority considers this protection to be appropriate for the specific job conditions.

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



**TWO-LANE, TWO-WAY TRAFFIC
RURAL OPERATIONS
DAY OPERATIONS ONLY**

TYPICAL APPLICATIONS

- MOWING
- SPREADING AGGREGATE
- WEED SPRAYING
- SURFACE MAINTENANCE
- BITUMINOUS RESURFACING
- CRACK POURING
- SHOULDER REPAIR
- CLEANING DITCHES

SYMBOLS

Work area



Sign with 18x18 (450x450) min. orange flag attached.

DATE	REVISIONS
1-1-15	Corrected MWA sign number.
1-1-09	Switched units to English units (i.e., Moved one Centimeter Note).

**TRAFFIC CONTROL DEVICES—
DAY LABOR MAINTENANCE**

STANDARD B.L.R. 18-6

Illinois Department of Transportation
 APPROVED: *James L. ...* 2015
 ENGINEER IN CHARGE, ROADS AND STREETS
 APPROVED: *James L. ...* 2015
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED: 1-97