

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

Please request a
formal bid packet by
emailing Cody Doran

@

cdoran@grundyco.org

GRUNDY COUNTY HIGHWAY DEPARTMENT

245 N. Illinois Route 47
Morris, Illinois 60450

Eric Gibson, P.E.
County Engineer

Phone: 815-942-0363
Fax: 815-942-4290

E-Mail:
egibson@grundyco.org

March 2, 2020

Illinois Department of Transportation
Division of Highways/District 3
Mr. Masood Ahmed, P.E.
Deputy Director of Highways
Region Two Engineer
700 East Norris Drive
Ottawa, IL 61350

Re: Grundy County

Acceptance of Proposal to Furnish Materials & Approval of Award

Erienna, 20-03000-00-GM
Felix, 20-04000-00-GM
Goose Lake, 20-07000-00-GM
Highland, 20-09000-00-GM
Saratoga, 20-15000-00-GM
Vienna, 20-16000-00-GM
Wauponsee, 20-17000-00-GM
Grundy County 20-00000-00-GM

Attention: Mr. Joe Wick, Acting Local Road Bureau Chief

Dear Sir:

Please find enclosed two (3) copies of the Local Public Agency Formal Contract Proposal for HMA.

If you have any questions please contact our office.

Thanks,

Eric Gibson, P.E.
County Engineer

Enclosure

**Not
For
Bid**



**Illinois Department
of Transportation**

**Local Public Agency
Formal Contract
Proposal**

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

STATE OF ILLINOIS

COUNTY OF Grundy: Various Townships include Erienna,
Felix, Goose Lake, Highland, Saratoga, Vienna, and Wauponsee
 (Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE NO. Varies
 SECTION NO. 20-XX000-00-GM
 TYPES OF FUNDS MFT and Local

☒ SPECIFICATIONS (required)

☒ PLANS (required)

For Municipal Projects	
Submitted/Approved/Passed	
<input type="checkbox"/> Mayor	<input type="checkbox"/> President of Board of Trustees <input type="checkbox"/> Municipal Official
Date	

Department of Transportation	
<input checked="" type="checkbox"/> Released for bid based on limited review	
<u>Masood Ahmad</u> Regional Engineer	
<u>3/5/2020</u> Date	

For County and Road District Projects	
Submitted/Approved	
Highway Commissioner	
Date	
Submitted/Approved	
<u>[Signature]</u> County Engineer/Superintendent of Highways	
<u>03/02/2020</u> Date	

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

RETURN WITH BID

NOTICE TO BIDDERS

County Grundy
Local Public Agency Varies
Section Number 20-XX000-00-GM
Route Varies

Sealed proposals for the improvement described below will be received at the office of Grundy County Highway Dept.,
245 N. Route 47 Morris, IL 60450 until 11:00 AM on April 11, 2020
Address Time Date

Sealed proposals will be opened and read publicly at the office of Grundy County Highway Dept.
245 N. Route 47 Morris, IL 60450 at 11:00 AM on April 16, 2020
Address Time Date

DESCRIPTION OF WORK

Name HMA Paving Length: 37435.00 feet (7 miles)
Location Varies
Proposed Improvement See schedule of quantities and description of work special provisions.

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

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 Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:

- BLR 12200: Local Public Agency Formal Contract Proposal
- BLR 12200a Schedule of Prices
- BLR 12230: Proposal Bid Bond (if applicable)
- BLR 12325: Apprenticeship or Training Program Certification (do not use for federally funded projects)
- BLR 12326: Affidavit of Illinois Business Office

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

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

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

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

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

RETURN WITH BID

PROPOSAL

County Grundy
 Local Public Agency Varies
 Section Number 20-XX000-00-GM
 Route Varies

1. Proposal of HMA Resurfacing

for the improvement of the above section by the construction of (Same as Proposed Improvement - Page 2/6)

a total distance of 37435.00 feet, of which a distance of 37435.00 feet, (7.000 miles) are to be improved.

2. The plans for the proposed work are those prepared by Eric Gibson
 and approved by the Department of Transportation on April 14, 2020

3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.

4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.

5. The undersigned agrees to complete the work within working days or by 10/05/2020
 unless additional time is granted in accordance with the specifications.

6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to:

County Treasurer of

The amount of the check is ().

7. In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check is placed in another proposal, it will be found in the proposal for: Section Number .

8. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the Awarding Authority.

9. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.

10. A bid will be declared unacceptable if neither a unit price nor a total price is shown.

11. The undersigned submits herewith the schedule of prices on BLR 12200a covering the work to be performed under this contract.

12. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12200a, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.



Group No.	Items	Delivery	Unit	Quantity	Unit Price	Total
A	Erienna, 20-03000-00-GM	Applied on Road				
	Prep of Base		SQ YD	2126.00		
	HMA Binder Course, IL-9.5, N50		TONS	476.22		
	HMA Surface Course Mix "C" N50		TONS	238.11		
	HMA Prime Coat		LBS	956.70		
B	Felix, 20-04000-00-GM	Applied on Road				
	HMA Surface Removal 2"		SQ YD	14868.44		
	HMA Surface Course Mix "C" N50		TON	1665.27		
	HMA Prime Coat		LBS	6690.80		
C	Goose Lake, 20-07000-00-GM	Applied on Road				
	HMA Surface Removal 2"		SQ YD	26583.09		
	HMA Surface Course Mix "C" N50		TON	2977.31		
	HMA Prime Coat		LBS	11962.39		
	Paint Marking 24" (Epoxy)		FOOT	24.00		
	Paint Marking 4" (Epoxy)		FOOT	11460.00		
D	Highland, 20-09000-00-GM	Applied on Road				
	HMA Removal Special 1.5"		SQ YD	10951.02		
E	Saratoga, 20-15000-00-GM	Applied on Road				
	HMA Binder Course, IL-9.5, N50		TON	1916.08		
	HMA Surface Course Mix "C" N50		TON	1916.08		
	HMA Prime Coat		LB	10264.70		
	HMA Butt Joints		SQ YD	143.33		
	Incidental HMA		TON	60.67		
	Aggregate Shoulders Type B		TON	396.75		
	Continued on to Next Page					

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

Address



Group No.	Items	Delivery	Unit	Quantity	Unit Price	Total
F	Vienna, 20-16000-00-GM	Applied on Road				
	HMA Removal Special 1.5"		SQ YD	10742.20		
	HMA Surface Removal 3"		SQ YD	3180.56		
	HMA Binder Course, IL-9.5, N50		TON	267.17		
	HMA Surface Course Mix "C" N50		TON	267.17		
	HMA Prime Coat		LB	2146.88		
G	Wauponsee, 20-17000-00-GM	Applied on Road				
	HMA Surface Course Mix "C" N50		TON	76.65		
	HMA Butt Joints		SQ YD	720.00		
	HMA Prime Coat		LB	307.97		
	Incidental HMA		TON	10.00		
	Class D Patching Special 6"		SQ YD	2637.00		
	Aggregate Shoulders Type B		TON	42.30		
	Paint Markings 4"		FOOT	312		
	Total Operation Cost					

Address

<div> <div> Grundy County Erienna Township </div> <div> Material Proposal Schedule of Quantities 20-03000-00 GM </div> </div>	
<div> HMA Resurfacing </div>	
<div> Township Building: Parking Lot (Non MFT) 5140 Nettle School Rd, Morris IL 60450 L=108 Average Width=123 L=65 Average Width=90 </div>	<div> <div> Prep of Base 4" Binder 2" Surface HMA Prime </div> <div> 2126 Sq Yds 476.22 Tons 238.11 Tons 956.7 Lbs </div> </div>

Not For Bid

Grundy County
Felix Township

Material Proposal Schedule of Quantities
20-04000-00 GM

HMA Resurfacing

Island Dr: Deerfield to include Cul de Sac

L=5451

Average Width= 23

HMA Prime

HMA Rem. 2"

HMA 2" Overlay

6690.8 Lbs

14868 Sq Yds

1665.3 Tons

44

27

Not
For
Bid

Grundy County
 Goose Lake Township
 Material Proposal Schedule of Quantities
 20-07000-00 GM

HMA Resurfacing + Paint Epoxy

N Lakeside Dr: Hilltop to Cul de Sac
 L=2915
 Average Width=25

HMA Prime	3839.60 Lbs
HMA Rem. 2"	8532.44 Sq Yds
HMA 2" Overlay	955.63 Tons

Cardinal Ln: Peart to N. Prairie
 L=525
 Average Width=25

HMA Prime	701.25 Lbs
HMA Rem. 2"	1558.33 Sq Yds
HMA 2" Overlay	174.53 Tons

Muskie Trail: Cul de Sac to Walleye Rd
 L=2020
 Average Width=25

HMA Prime	2714.42 Lbs
HMA Rem. 2"	6032.04 Sq Yds
HMA 2" Overlay	675.59 Tons

Peart Rd: Muskie Trail to Goose Lake Rd
 L=2880
 Average Width=25

HMA Prime	3684.00 Lbs
HMA Rem. 2"	8186.67 Sq Yds
HMA 2" Overlay	916.91 Tons

Foxboro Dr: Cul de Sac to County Rd
 L=730
 Average Width=23

HMA Prime	1023.12 Lbs
HMA Rem. 2"	2273.61 Sq Yds
HMA 2" Overlay	254.64 Tons

Peart Rd: Muskie TR to Goose Lake Rd.
 L=2880

White 4" Line	5730 Ft
Stop Bars 24"	24 Ft
Double Yellow 4"	5730 Ft

Totals

HMA Prime	11962.39 Lbs
HMA Rem. 2"	26583.09 Sq Yds
HMA 2" Overlay	2977.31 Tons

Material Proposal Schedule of Quantities
20-09000-00 GM

Grundy County
Highland Township
HMA Removal (Grind Up and Leave)

Verona Rd: Goodfarm to Stonewall
L=5305
Average Width=18.5

Total

HMA Removal Special 1.5" 10951.02 Sq Yds

* Leave in place. Take down to aggregate.

Not
For
Bid

Grundy County
Saratoga Township
HMA Resurfacing
Ashton Rd: Nelson Rd to Gore Rd
L=10580
Average Width=19.5

Material Proposal Schedule of Quantities
20-15000-00 GM

Total	
HMA Prime	10264.7 Lbs
Incidental HMA	60.67 Ton
Butt Joint	143.33 Sq Yd
HMA BC 1.5"	1916.08 Ton
HMA SC 1.5"	1916.08 Ton
Aggregate Shoulders Type B	396.75 Ton

Not
For
Bid

Grundy County
Vienna Township

Material Proposal Schedule of Quantities

20-16000-00 GM

HMA Resurfacing + Grind Up

Verona Rd: Coleman Bridge Approaches (2)

L=100

Average Width=20.5

Removal 3"	455.56 Sq Yd
HMA 1.5" BC	38.27 Ton
HMA 1.5" SC	38.27 Ton
HMA Prime	307.5 Lbs

Verona Rd: 450' North of Omalley Rd

L= 450

Average Width=20.5

Removal 3"	1025 Sq Yd
HMA 1.5" BC	86.1 Ton
HMA 1.5" SC	86.1 Ton
HMA Prime	691.88 Lbs

Waupegan Rd: E. Of Verona, Bridge Appr.

L= 850

Average Width=18

Removal 3"	1700 Sq Yd
HMA 1.5" BC	142.8 Ton
HMA 1.5" SC	142.8 Ton
HMA Prime	1147.5 Lbs

Buffalo Rd: Omalley to Greer, Grind Up

L = 5340

Average Width=18

HMA Removal Special 1.5"	10742.2 Sq Yd
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Totals

Removal 3"	3180.56 Sq Yd
HMA 1.5" BC	267.17 Ton
HMA 1.5" SC	267.17 Ton
HMA Prime	2146.88 Lbs
HMA Removal Special 1.5"	10742.2 Sq Yd

Grundy County
Wauponsee Township
HMA Resurfacing + Patching

Material Proposal Schedule of Quantities
20-17000-00 GM

	Total	
West Southmor Rd/ Dwight Rd. Int.	HMA Prime	307.97 Lbs
L=116	HMA Butt Joints	720.00 Sq Yd
L=58+38	HMA SC	76.65 Ton
Average Width=22	Incidental HMA	10.00 Ton
	Class D Patch Special 6"	2637.00 Sq Yd
	Aggregate Shoulders Type B	42.30 Ton
	Paint Marking 4"	312.00 Foot

Not For Bid

RETURN WITH BID

CONTRACTOR CERTIFICATIONS

County	Grundy
Local Public Agency	Varies
Section Number	20-XX000-00-GM
Route	Varies

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

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

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

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

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

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.
4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative Code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be cancelled.

RETURN WITH BID

SIGNATURES

County Grundy
Local Public Agency Varies
Section Number 20-XX000-00-GM
Route Varies

(If an individual)

Signature of Bidder _____

Business Address _____

(If a partnership)

Firm Name _____

Signed By _____

Business Address _____

Inset Names and Addressed of All Partners

(If a corporation)

Corporate Name _____

Signed By _____

President

Business Address _____

Insert Names of Officers

President _____

Secretary _____

Treasurer _____

Attest: _____

Secretary



RETURN WITH BID

Route Varies
County Grundy
Local Agency Varies
Section 20-XX000-00-GM

PAPER BID BOND

WE _____ as PRINCIPAL,
and _____ as SURETY,

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

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

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

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

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

Principal

(Company Name)
By: _____
(Signature and Title)

By: _____
(Signature and 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

By: _____
(Name of Surety)

(Signature of Attorney-in-Fact)

STATE OF ILLINOIS,

COUNTY OF _____

I, _____, a Notary Public in and for said county,
do hereby certify that _____

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

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

Given under my hand and notarial seal this _____ day of _____

My commission expires _____
(Notary Public)

ELECTRONIC BID BOND

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

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

Electronic Bid Bond ID Code

(Company/Bidder Name)

(Signature and Title)

Date



Return with Bid

Route	<u>Varies</u>
County	<u>Grundv</u>
Local Agency	<u>Varies</u>
Section	<u>20-XX000-00-GM</u>

All contractors are required to complete the following certification:

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

☐ For the following deliver and install groups in this material proposal:

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

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

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

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

Bidder: _____ By: _____ (Signature)
Address: _____ Title: _____

Not
For
Bid

RETURN WITH BID



Illinois Department
of Transportation

Affidavit of Illinois Business Office

County Grundy
Local Public Agency Varies
Section Number 20-XX000-00-GM
Route Varies

State of _____)
County of _____) ss.

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

being first duly sworn upon oath, states as follows:

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

(Signature)

(Print Name of Affiant)

This instrument was acknowledged before me on _____ day of _____,

(SEAL)

(Signature of Notary Public)



Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen
Parkway/Room 322

Affidavit of Availability For the Letting of 3/19/2020

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

Part I. Work Under Contract

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

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

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

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

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

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

Part III. Work Subcontracted to Others.

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

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

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

Subscribed and sworn to before me

this _____ day of _____, _____ Type or Print Name _____ Officer or Director _____ Title _____

Signed _____

Notary Public

My commission expires _____

(Notary Seal)

Company _____

Address _____

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2018

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

ERRATA Standard Specifications for Road and Bridge Construction
(Adopted 4-1-16) (Revised 1-1-18)

SUPPLEMENTAL SPECIFICATIONS

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The Following Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Recurring Special Provisions

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2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	86
3	<input type="checkbox"/> EEO	87
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5	<input type="checkbox"/> Required Provisions - State Contracts	102
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7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal	109
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	110
9	<input type="checkbox"/> Construction Layout Stakes Except for Bridges	111
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11	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	117
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15	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	126
16	<input type="checkbox"/> Polymer Concrete	128
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18	<input type="checkbox"/> Bicycle Racks	131
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31	<input type="checkbox"/> Reserved	174
32	<input type="checkbox"/> Temporary Raised Pavement Markers	175
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34	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	179
35	<input type="checkbox"/> Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	183
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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

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LRS 3	<input checked="" type="checkbox"/>	Work Zone Traffic Control Surveillance	181
LRS 4	<input checked="" type="checkbox"/>	Flaggers in Work Zones	182
LRS 5	<input checked="" type="checkbox"/>	Contract Claims	183
LRS 6	<input checked="" type="checkbox"/>	Bidding Requirements and Conditions for Contract Proposals	184
LRS 7	<input type="checkbox"/>	Bidding Requirements and Conditions for Material Proposals	190
LRS 8		Reserved	196
LRS 9	<input type="checkbox"/>	Bituminous Surface Treatments	197
LRS 10		Reserved	198
LRS 11	<input checked="" type="checkbox"/>	Employment Practices	199
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LRS 13	<input checked="" type="checkbox"/>	Selection of Labor	203
LRS 14	<input type="checkbox"/>	Paving Brick and Concrete Paver Pavements and Sidewalks	204
LRS 15	<input checked="" type="checkbox"/>	Partial Payments	207
LRS 16	<input checked="" type="checkbox"/>	Protests on Local Lettings	208
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Not
For
Bid

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

SPECIAL PROVISION
FOR
GROWTH CURVE

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

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

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

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

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

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

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

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

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

Not
For
Bid

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

SPECIAL PROVISION
FOR
EMULSIFIED ASPHALTS

Effective: January 1, 2007

Revised: February 7, 2008

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

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

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

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

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

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

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

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

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

Replace the table in Article 1032.04 with the following:

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

Add subparagraph (g) to Article 1032.06:

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

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

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

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

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

Not
For
Bid

BDE SPECIAL PROVISIONS
For the January 17, 2020 and March 6, 2020 Lettings

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

File Name #		Special Provision Title	Effective	Revised
80099 1	<input type="checkbox"/>	Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2014
80274 2	<input type="checkbox"/>	Aggregate Subgrade Improvement	April 1, 2012	April 1, 2016
80192 3	<input type="checkbox"/>	Automated Flagger Assistance Device	Jan. 1, 2008	
80173 4	<input type="checkbox"/>	Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
* 80426 5	<input checked="" type="checkbox"/>	Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	
80241 6	<input type="checkbox"/>	Bridge Demolition Debris	July 1, 2009	
50261 7	<input type="checkbox"/>	Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50481 8	<input type="checkbox"/>	Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50491 9	<input type="checkbox"/>	Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50531 10	<input type="checkbox"/>	Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
* 80425 11	<input checked="" type="checkbox"/>	Cape Seal	Jan. 1, 2020	
80384 12	<input checked="" type="checkbox"/>	Compensable Delay Costs	June 2, 2017	April 1, 2019
80198 13	<input checked="" type="checkbox"/>	Completion Date (via calendar days)	April 1, 2008	
80189 14	<input type="checkbox"/>	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80293 15	<input type="checkbox"/>	Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	July 1, 2016
80311 16	<input type="checkbox"/>	Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
80277 17	<input type="checkbox"/>	Concrete Mix Design – Department Provided	Jan. 1, 2012	April 1, 2016
80261 18	<input type="checkbox"/>	Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
80387 19	<input type="checkbox"/>	Contrast Preformed Plastic Pavement Marking	Nov. 1, 2017	
80029 20	<input type="checkbox"/>	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	March 2, 2019
80402 21	<input checked="" type="checkbox"/>	Disposal Fees	Nov. 1, 2018	
80378 22	<input type="checkbox"/>	Dowel Bar Inserter	Jan. 1, 2017	Jan. 1, 2018
80405 23	<input type="checkbox"/>	Elastomeric Bearings	Jan. 1, 2019	
* 80421 24	<input checked="" type="checkbox"/>	Electric Service Installation	Jan. 1, 2020	
80415 25	<input type="checkbox"/>	Emulsified Asphalts	Aug. 1, 2019	
* 80423 26	<input checked="" type="checkbox"/>	Engineer's Field Office and Laboratory	Jan. 1, 2020	
80388 27	<input checked="" type="checkbox"/>	Equipment Parking and Storage	Nov. 1, 2017	
80229 28	<input type="checkbox"/>	Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
80417 29	<input type="checkbox"/>	Geotechnical Fabric for Pipe Underdrains and French Drains	Nov. 1, 2019	
80420 30	<input type="checkbox"/>	Geotextile Retaining Walls	Nov. 1, 2019	
80304 31	<input type="checkbox"/>	Grooving for Recessed Pavement Markings	Nov. 1, 2012	Nov. 1, 2017
* 80422 32	<input checked="" type="checkbox"/>	High Tension Cable Median Barrier Reflectors	Jan. 1, 2020	
80416 33	<input checked="" type="checkbox"/>	Hot-Mix Asphalt – Binder and Surface Course	July 2, 2019	Nov. 1, 2019
80398 34	<input type="checkbox"/>	Hot-Mix Asphalt – Longitudinal Joint Sealant	Aug. 1, 2018	Nov. 1, 2019
80406 35	<input type="checkbox"/>	Hot-Mix Asphalt – Mixture Design Verification and Production (Modified for I-FIT Projects)	Jan. 1, 2019	Nov. 1, 2019
80347 36	<input type="checkbox"/>	Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Nov. 1, 2014	July 2, 2019
80383 37	<input checked="" type="checkbox"/>	Hot-Mix Asphalt – Quality Control for Performance	April 1, 2017	July 2, 2019
80411 38	<input type="checkbox"/>	Luminaires, LED	April 1, 2019	
80393 39	<input type="checkbox"/>	Manholes, Valve Vaults, and Flat Slab Tops	Jan. 1, 2018	March 1, 2019
80045 40	<input type="checkbox"/>	Material Transfer Device	June 15, 1999	Aug. 1, 2014
80418 41	<input type="checkbox"/>	Mechanically Stabilized Earth Retaining Walls	Nov. 1, 2019	
* 80424 42	<input checked="" type="checkbox"/>	Micro-Surfacing and Slurry Sealing	Jan. 1, 2020	
80165 43	<input type="checkbox"/>	Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2010
80412 44	<input type="checkbox"/>	Obstruction Warning Luminaires, LED	Aug. 1, 2019	
80349 45	<input type="checkbox"/>	Pavement Marking Blackout Tape	Nov. 1, 2014	April 1, 2016

80371	46	<input type="checkbox"/>	Pavement Marking Removal	July 1, 2016	
80389	47	<input type="checkbox"/>	Portland Cement Concrete	Nov. 1, 2017	
80359	48	<input type="checkbox"/>	Portland Cement Concrete Bridge Deck Curing	April 1, 2015	Nov. 1, 2019
80300	49	<input type="checkbox"/>	Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	April 1, 2016
80328	50	<input type="checkbox"/>	Progress Payments	Nov. 2, 2013	
34261	51	<input type="checkbox"/>	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
80157	52	<input type="checkbox"/>	Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
80306	53	<input checked="" type="checkbox"/>	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	July 2, 2019
* 80407	54	<input type="checkbox"/>	Removal and Disposal of Regulated Substances	Jan. 1, 2019	Jan. 1, 2020
80419	55	<input type="checkbox"/>	Silt Fence, Ground Stabilization and Riprap Filter Fabric	Nov. 1, 2019	
80395	56	<input type="checkbox"/>	Sloped Metal End Section for Pipe Culverts	Jan. 1, 2018	
80340	57	<input type="checkbox"/>	Speed Display Trailer	April 2, 2014	Jan. 1, 2017
80127	58	<input type="checkbox"/>	Steel Cost Adjustment	April 2, 2004	Aug. 1, 2017
80408	59	<input type="checkbox"/>	Steel Plate Beam Guardrail Manufacturing	Jan. 1, 2019	
80413	60	<input type="checkbox"/>	Structural Timber	Aug. 1, 2019	
80397	61	<input type="checkbox"/>	Subcontractor and DBE Payment Reporting	April 2, 2018	
80391	62	<input checked="" type="checkbox"/>	Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
80317	63	<input type="checkbox"/>	Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	Aug. 1, 2019
80298	64	<input type="checkbox"/>	Temporary Pavement Marking	April 1, 2012	April 1, 2017
80403	65	<input type="checkbox"/>	Traffic Barrier Terminal, Type 1 Special	Nov. 1, 2018	
80409	66	<input type="checkbox"/>	Traffic Control Devices - Cones	Jan. 1, 2019	
* 80410	67	<input type="checkbox"/>	Traffic Spotters	Jan. 1, 2019	
20338	68	<input type="checkbox"/>	Training Special Provisions	Oct. 15, 1975	
80318	69	<input type="checkbox"/>	Traversable Pipe Grate for Concrete End Sections	Jan. 1, 2013	Jan. 1, 2018
80288	70	<input type="checkbox"/>	Warm Mix Asphalt	Jan. 1, 2012	April 1, 2016
80302	71	<input type="checkbox"/>	Weekly DBE Trucking Reports	June 2, 2012	April 2, 2015
80414	72	<input type="checkbox"/>	Wood Fence Sight Screen	Aug. 1, 2019	
80071	73	<input type="checkbox"/>	Working Days	Jan. 1, 2002	

The following special provisions are in the 2020 Supplemental Specifications and Recurring Special Provisions.

File Name	Special Provision Title	New Location(s)	Effective	Revised
80404	Coarse Aggregate Quality for Micro-Surfacing and Cape Seals	Article 1004.01(b)	Jan. 1, 2019	
80392	Lights on Barricades	Articles 701.16, 701.17(c)(2) & 603.07	Jan. 1, 2018	
80336	Longitudinal Joint and Crack Patching	Check Sheet #36	April 1, 2014	April 1, 2016
80400	Mast Arm Assembly and Pole	Article 1077.03(b)	Aug. 1, 2018	
80394	Metal Flared End Section for Pipe Culverts	Articles 542.07(c) and 542.11	Jan. 1, 2018	April 1, 2018
80390	Payments to Subcontractors	Article 109.11	Nov. 2, 2017	April 1, 2017

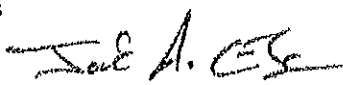
The following special provisions require additional information from the designer. The additional information needs to be submitted as a separate document. The Project Coordination and Implementation section will then include the information in the applicable special provision.

- 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
- Material Transfer Device
- Railroad Protective Liability Insurance
- Training Special Provisions
- Working Days



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston 
Subject: Special Provision for Subcontractor Mobilization Payments
Date: January 11, 2019

This special provision was developed by the Bureau of Construction and Office of Chief Council to comply with Illinois Procurement Code 30 ILCS 500/30-50. It has been revised to shorten the timing of the mobilization payment from "at least 14 days" to "at least 7 days" prior to the subcontractor starting work.

This special provision should be inserted into all contracts.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the April 26, 2019 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

This special provision will be available on the transfer directory January 11, 2019.

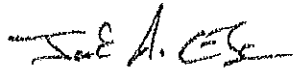
80391m



Illinois Department of Transportation

Memorandum

To: Regional Engineers

From: Jack A. Elston 

Subject: Special Provision for Reclaimed Asphalt Pavement (RAP)
and Reclaimed Asphalt Shingles (RAS)

Date: January 10, 2020

This special provision was developed to combine the two existing BDE special provisions, "Reclaimed Asphalt Pavement (RAP)" and "Reclaimed Asphalt Shingles (RAS)" into one. It has been revised to reflect changes made to BDE special provision "Hot-Mix Asphalt – Mixture Design Verification and Production (Modified for I-FIT Data Collection)" which expands I-FIT testing to all HMA mixtures.

This special provision should be inserted in all HMA contracts.

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

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


80306m

Bid



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston 
Subject: Special Provision for Hot-Mix Asphalt – Quality Control for Performance
Date: September 28, 2018

This special provision was developed to provide procedures for production, placement and payment of hot-mix asphalt (HMA) under the quality control for performance (QCP) program. It has been revised to clarify the mixture retesting requirements of the Department when precision limits are exceeded.

This special provision should be inserted into HMA contracts utilizing QCP.

QCP should be used for the following.

1. Mainline mixture quantities between 1,200 and 8,000 tons (1,016 and 7,620 metric tons).
2. Shoulder applications that are greater than 8 feet (2.4 meters) wide and 1,200 tons (1,016 metric tons) and greater.
3. Leveling binder applications that are 1,200 tons (1,016 metric tons) and greater.

QCP should NOT be used for the following.

1. Incidental surfacing, driveways, entrances, minor sideroads, sideroad returns, etc.
2. Patching.
3. Turn lanes less than 500 ft (150 m) in length.
4. Temporary pavement.
5. Shared-use paths or bike lanes unless paved with the mainline pavement.

Note to designers: The option of using intelligent compaction should be given to the contractor (i.e. a number of roller passes should be entered in the HMA mix table on the plans) for leveling binder which will be placed at variable depth/thickness (i.e. used to correct cross-slope or rutting).

The districts should include the BDE Check Sheet marked with the applicable special provisions for the January 18, 2019 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

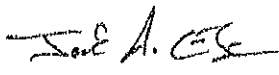
This special provision will be available on the transfer directory
September 28, 2018.

80383m



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston 
Subject: Special Provision for Compensable Delay Costs
Date: January 11, 2019

This special provision was developed to allow the department to pay for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control when a contract delay meets certain criteria. It has been revised to remove the extended traffic control adjustment equations for completion date contracts and simply refer to Article 109.04

This special provision should be inserted into all contracts.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the April 26, 2019 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

This special provision will be available on the transfer directory January 11, 2019.

80384m

Regional Engineers

Jack A. Elston



Special Provision for Disposal Fees

July 27, 2018

This special provision was developed by the Bureau of Construction to provide a means to compensate a contractor for the administrative costs incurred for disposal fees associated with extra work.

This special provision should be inserted into all contracts.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the November 9, 2018 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

This special provision will be available on the transfer directory July 27, 2018.

80402m



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Maureen M. Addis *MA*
Subject: Special Provision for Equipment Parking and Storage
Date: August 4, 2017

This special provision was developed by the Bureau of Safety Programs and Engineering to specify the minimum clear distance for equipment parking and storage behind temporary concrete barrier to allow for the expected deflection after an impact and increase the safety of road users and workers.

This special provision should be inserted into all contracts.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the November 17, 2017 and subsequent lettings. The Project Development and Implementation Section will include a copy in the contract.

This special provision will be available on the transfer directory August 4, 2017.

80388m



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston *Jack A. Elston*
Subject: Special Provision for Hot-Mix Asphalt – Binder and Surface Course
Date: July 26, 2019

This special provision was developed to create a statewide specification for HMA mixtures IL-9.5FG and SMA 9.5; eliminate the use of leveling binder; and standardize the HMA pay items. This special provision also incorporates the BDE special provisions "Hot-Mix Asphalt - Density Testing of Longitudinal Joints" and "Hot-Mix Asphalt - Oscillatory Roller".

This special provision should be inserted into all HMA contracts.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the November 8, 2019 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

This special provision will be available on the transfer directory July 26, 2019.

80416m

All Regional Engineers

Scott E. Stitt

Special Provision for Completion Date (via calendar days)

January 14, 2011

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

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

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

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

80198m

COMPLETION DATE (VIA CALENDAR DAYS) (BDE)

Effective: April 1, 2008

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

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

80198

Not
For
Bid



Illinois Department of Transportation

Memorandum

To: All Regional Engineers
From: Omer M. Osman, P.E. *Omer M. Osman*
Subject: Special Provision for Friction Aggregate
Date: July 25, 2014

This special provision was developed by the Bureau of Materials and Physical Research to address the possible shortage of traditional high-friction aggregate by allowing more dolomite to be blended with higher friction aggregates; sandstone, steel slag and air-cooled blast furnace slag. Some alternate friction aggregate sources have been redefined including quartzite, rhyolite, granite and diabase.

It has been revised to clarify that percent measurements are "by volume" which is existing language in the Standard Specifications which was inadvertently omitted from this special provision. It has also been revised to remove mixture types IL-25.0, IL-12.5, and "All Other" which are no longer being specified by the Department.

This special provision should be inserted into HMA contracts.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the November 7, 2014 and subsequent lettings. The Project Development and Implementation Section will include a copy in the contract.

This special provision will be available on the transfer directory July 25, 2014.

80265m

FRICTION AGGREGATE (BDE)

Effective: January 1, 2011

Revised: November 1, 2014

Revise Article 1004.01(a)(4) of the Standard Specifications to read:

"(4) Crushed Stone. Crushed stone shall be the angular fragments resulting from crushing undisturbed, consolidated deposits of rock by mechanical means. Crushed stone shall be divided into the following, when specified.

- a. Carbonate Crushed Stone. Carbonate crushed stone shall be either dolomite or limestone. Dolomite shall contain 11.0 percent or more magnesium oxide (MgO). Limestone shall contain less than 11.0 percent magnesium oxide (MgO).
- b. Crystalline Crushed Stone. Crystalline crushed stone shall be either metamorphic or igneous stone, including but is not limited to, quartzite, granite, rhyolite and diabase."

Revise Article 1004.03(a) of the Standard Specifications to read:

"**1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA).** The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	<u>Allowed Alone or in Combination</u> ^{6/} : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete

Use	Mixture	Aggregates Allowed	
HMA Low ESAL	Stabilized Subbase or Shoulders	<u>Allowed Alone or in Combination</u> ^{5/} : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{1/} Crushed Concrete	
HMA High ESAL Low ESAL	Binder IL-19.0 or IL-19.0L SMA Binder	<u>Allowed Alone or in Combination</u> ^{5/} : Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Concrete ^{3/}	
HMA High ESAL Low ESAL	C Surface and Leveling Binder IL-9.5 or IL-9.5L SMA Ndesign 50 Surface	<u>Allowed Alone or in Combination</u> ^{5/} : Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{4/} Crushed Concrete ^{3/}	
HMA High ESAL	D Surface and Leveling Binder IL-9.5 SMA Ndesign 50 Surface	<u>Allowed Alone or in Combination</u> ^{5/} : Crushed Gravel Carbonate Crushed Stone (other than Limestone) ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{4/} Crushed Concrete ^{3/}	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		25% Limestone	Dolomite

Use	Mixture	Aggregates Allowed	
		50% Limestone	Any Mixture D aggregate other than Dolomite
		75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone
HMA High ESAL	E Surface IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> ^{5/} :	
		Crushed Gravel Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete ^{3/}	
		No Limestone.	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		50% Dolomite ^{2/}	Any Mixture E aggregate
HMA High ESAL	F Surface IL-9.5 SMA Ndesign 80 Surface	75% Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone
		75% Crushed Gravel or Crushed Concrete ^{3/}	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag
		<u>Allowed Alone or in Combination</u> ^{5/} :	
		Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone.	
		<u>Other Combinations Allowed:</u>	

Use	Mixture	Aggregates Allowed	
		<i>Up to...</i>	<i>With...</i>
		50% Crushed Gravel, Crushed Concrete ^{3/} , or Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone

- 1/ Crushed steel slag allowed in shoulder surface only.
- 2/ Carbonate crushed stone shall not be used in SMA Ndesign 80. In SMA Ndesign 50, carbonate crushed stone shall not be blended with any of the other aggregates allowed alone in Ndesign 50 SMA binder or Ndesign 50 SMA surface.
- 3/ Crushed concrete will not be permitted in SMA mixes.
- 4/ Crushed steel slag shall not be used as leveling binder.
- 5/ When combinations of aggregates are used, the blend percent measurements shall be by volume."


80265

For
Bid



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston 
Subject: Special Provision for Hot-Mix Asphalt – Density Testing of
of Longitudinal Joints
Date: April 20, 2018

This special provision was developed by the Bureau of Materials and Physical Research to improve the performance of longitudinal joints in Hot-Mix Asphalt (HMA) pavements. It has been revised to clarify these testing requirements do not apply when a longitudinal joint sealant (LJS) is applied to the joint.

It should be inserted in HMA contracts utilizing Quality Control/Quality Assurance as the Quality Management Program for the pavement/resurfacing.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the August 3, 2018 letting and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

This special provision will be available on the transfer directory April 20, 2018.

80246m

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

Effective: January 1, 2010

Revised: August 1, 2018

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

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

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

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

- a. Confined Edge. Each confined edge density shall be represented by a one-minute nuclear density reading or a core density and shall be included in the average of density readings or core densities taken across the mat which represents the Individual Test.
- b. Unconfined Edge. Each unconfined edge joint density shall be represented by an average of three one-minute density readings or a single core density at the given density test location and shall meet the density requirements specified herein. The three one-minute readings shall be spaced 10 ft (3 m) apart longitudinally along the unconfined pavement edge and centered at the random density test location.

When a longitudinal joint sealant (LJS) is applied, longitudinal joint density testing will not be required on the joint(s) sealed."

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

"Mixture Composition	Parameter	Individual Test (includes confined edges)	Unconfined Edge Joint Density Minimum
IL-4.75	Ndesign = 50	93.0 – 97.4% ^{1/}	91.0%
IL-9.5	Ndesign = 90	92.0 – 96.0%	90.0%
IL-9.5, IL-9.5L	Ndesign < 90	92.5 – 97.4%	90.0%
IL-19.0	Ndesign = 90	93.0 – 96.0%	90.0%
IL-19.0, IL-19.0L	Ndesign < 90	93.0 ^{2/} – 97.4%	90.0%

SMA	Ndesign = 50 & 80	93.5 – 97.4%	91.0% ⁿ
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80246

Not
For
Bid



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Jack A. Elston *Jack A. Elston*
Subject: Special Provision for Reclaimed Asphalt Pavement (RAP)
and Reclaimed Asphalt Shingles (RAS)
Date: January 10, 2020

This special provision was developed to combine the two existing BDE special provisions, "Reclaimed Asphalt Pavement (RAP)" and "Reclaimed Asphalt Shingles (RAS)" into one. It has been revised to reflect changes made to BDE special provision "Hot-Mix Asphalt – Mixture Design Verification and Production (Modified for I-FIT Data Collection)" which expands I-FIT testing to all HMA mixtures.

This special provision should be inserted in all HMA contracts.

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

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

80306m

Bid

RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (BDE)

Effective: November 1, 2012

Revised: January 2, 2020

Revise Section 1031 of the Standard Specifications to read:

"SECTION 1031. RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES

1031.01 Description. Reclaimed asphalt pavement and reclaimed asphalt shingles shall be according to the following.

- (a) Reclaimed Asphalt Pavement (RAP). RAP is the material produced by cold milling or crushing an existing hot-mix asphalt (HMA) pavement. The Contractor shall supply written documentation that the RAP originated from routes or airfields under federal, state, or local agency jurisdiction.
- (b) Reclaimed Asphalt Shingles (RAS). Reclaimed asphalt shingles (RAS). RAS is from the processing and grinding of preconsumer or post-consumer shingles. RAS shall be a clean and uniform material with a maximum of 0.5 percent unacceptable material, as defined in Central Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Sources", by weight of RAS. All RAS used shall come from a Central Bureau of Materials approved processing facility where it shall be ground and processed to 100 percent passing the 3/8 in. (9.5 mm) sieve and 93 percent passing the #4 (4.75 mm) sieve based on a dry shake gradation. RAS shall be uniform in gradation and asphalt binder content and shall meet the testing requirements specified herein. In addition, RAS shall meet the following Type 1 or Type 2 requirements.
 - (1) Type 1. Type 1 RAS shall be processed, preconsumer asphalt shingles salvaged from the manufacture of residential asphalt roofing shingles.
 - (2) Type 2. Type 2 RAS shall be processed post-consumer shingles only, salvaged from residential, or four unit or less dwellings not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

1031.02 Stockpiles. RAP and RAS stockpiles shall be according to the following.

- (a) RAP Stockpiles. The Contractor shall construct individual, sealed RAP stockpiles meeting one of the following definitions. No additional RAP shall be added to the pile after the pile has been sealed. Stockpiles shall be sufficiently separated to prevent intermingling at the base. Stockpiles shall be identified by signs indicating the type as listed below (i.e. "Homogeneous Surface").

Prior to milling, the Contractor shall request the District provide documentation on the quality of the RAP to clarify the appropriate stockpile.

- (1) Fractionated RAP (FRAP). FRAP shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures. The coarse aggregate in FRAP shall be crushed aggregate and may represent more than one aggregate type and/or quality, but shall be at least C quality. All FRAP shall be fractionated prior to testing by screening into a minimum of two size fractions with the separation occurring on or between the #4 (4.75 mm) and 1/2 in. (12.5 mm) sieves. Agglomerations shall be minimized such that 100 percent of the RAP shall pass the sieve size specified below for the mix into which the FRAP will be incorporated.

Mixture FRAP will be used in:	Sieve Size that 100 % of FRAP Shall Pass
IL-19.0	1 1/2 in. (37.5 mm)
SMA 12.5	1 in. (25.0 mm)
IL-9.5, IL-9.5FG, SMA 9.5	3/4 in. (19.0 mm)
IL-4.75	1/2 in. (12.5 mm)

- (2) Homogeneous. Homogeneous RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures and represent: 1) the same aggregate quality, but shall be at least C quality; 2) the same type of crushed aggregate (either crushed natural aggregate, ACBF slag, or steel slag); 3) similar gradation; and 4) similar asphalt binder content. If approved by the Engineer, combined single pass surface/binder millings may be considered "homogeneous" with a quality rating dictated by the lowest coarse aggregate quality present in the mixture.
- (3) Conglomerate. Conglomerate RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality, but shall be at least C quality. This RAP may have an inconsistent gradation and/or asphalt binder content prior to processing. All conglomerate RAP shall be processed prior to testing by crushing to where all RAP shall pass the 5/8 in. (16 mm) or smaller screen. Conglomerate RAP stockpiles shall not contain steel slag.
- (4) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "Non-Quality".

RAP/FRAP containing contaminants, such as earth, brick, sand, concrete, sheet asphalt, bituminous surface treatment (i.e. chip seal), pavement fabric, joint sealants, etc., will be unacceptable unless the contaminants are removed to the satisfaction of the Engineer. Sheet asphalt shall be stockpiled separately.

- (b) RAS Stockpiles. Type 1 and Type 2 RAS shall be stockpiled separately and shall not be intermingled. Each stockpile shall be signed indicating what type of RAS is present.

Unless otherwise specified by the Engineer, mechanically blending manufactured sand (FM 20 or FM 22) up to an equal weight of RAS with the processed RAS will be permitted

to improve workability. The sand shall be "B Quality" or better from an approved Aggregate Gradation Control System source. The sand shall be accounted for in the mix design and during HMA production.

Records identifying the shingle processing facility supplying the RAS, RAS type, and lot number shall be maintained by project contract number and kept for a minimum of three years.

1031.03 Testing. RAP/FRAP and RAS testing shall be according to the following.

(a) RAP/FRAP Testing. When used in HMA, the RAP/FRAP shall be sampled and tested either during or after stockpiling.

(1) During Stockpiling. For testing during stockpiling, washed extraction samples shall be run at the minimum frequency of one sample per 500 tons (450 metric tons) for the first 2000 tons (1800 metric tons) and one sample per 2000 tons (1800 metric tons) thereafter. A minimum of five tests shall be required for stockpiles less than 4000 tons (3600 metric tons).

(2) After Stockpiling. For testing after stockpiling, the Contractor shall submit a plan for approval to the District proposing a satisfactory method of sampling and testing the RAP/FRAP pile either in-situ or by restockpiling. The sampling plan shall meet the minimum frequency required above and detail the procedure used to obtain representative samples throughout the pile for testing.

Each sample shall be split to obtain two equal samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall extract the other test sample according to Department procedure. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

(b) RAS Testing. RAS or RAS blended with manufactured sand shall be sampled and tested during stockpiling according to Central Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Source".

Samples shall be collected during stockpiling at the minimum frequency of one sample per 200 tons (180 metric tons) for the first 1000 tons (900 metric tons) and one sample per 250 tons (225 metric tons) thereafter. A minimum of five samples are required for stockpiles less than 1000 tons (900 metric tons). Once a ≤ 1000 ton (900 metric ton), five-sample/test stockpile has been established it shall be sealed. Additional incoming RAS or RAS blended with manufactured sand shall be stockpiled in a separate working pile as designated in the Quality Control plan and only added to the sealed stockpile when the test results of the working pile are complete and are found to meet the tolerances specified herein for the original sealed RAS stockpile.

Before testing, each sample shall be split to obtain two test samples. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall perform a washed extraction and test for unacceptable materials on the other test sample according to Department procedures. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

If the sampling and testing was performed at the shingle processing facility in accordance with the QC Plan, the Contractor shall obtain and make available all of the test results from start of the initial stockpile.

1031.04 Evaluation of Tests. Evaluation of test results shall be according to the following.

- (a) Evaluation of RAP/FRAP Test Results. All of the extraction results shall be compiled and averaged for asphalt binder content and gradation, and when applicable G_{mm} . Individual extraction test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	FRAP/Homogeneous/ Conglomerate
1 in. (25 mm)	
1/2 in. (12.5 mm)	± 8 %
No. 4 (4.75 mm)	± 6 %
No. 8 (2.36 mm)	± 5 %
No. 16 (1.18 mm)	
No. 30 (600 μ m)	± 5 %
No. 200 (75 μ m)	± 2.0 %
Asphalt Binder	± 0.4 % ^{1/}
G_{mm}	± 0.03

1/ The tolerance for FRAP shall be ± 0.3 %.

If more than 20 percent of the individual sieves and/or asphalt binder content tests are out of the above tolerances, the RAP/FRAP shall not be used in HMA unless the RAP/FRAP representing the failing tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the District for evaluation.

With the approval of the Engineer, the ignition oven may be substituted for extractions according to the ITP, "Calibration of the Ignition Oven for the Purpose of Characterizing Reclaimed Asphalt Pavement (RAP)".

- (b) Evaluation of RAS and RAS Blended with Manufactured Sand Test Results. All of the test results, with the exception of percent unacceptable materials, shall be compiled and averaged for asphalt binder content and gradation. Individual test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	RAS
No. 8 (2.36 mm)	± 5 %
No. 16 (1.18 mm)	± 5 %
No. 30 (600 µm)	± 4 %
No. 200 (75 µm)	± 2.0 %
Asphalt Binder Content	± 1.5 %

If more than 20 percent of the individual sieves and/or asphalt binder content tests are out of the above tolerances, or if the percent unacceptable material exceeds 0.5 percent by weight of material retained on the # 4 (4.75 mm) sieve, the RAS or RAS blend shall not be used in Department projects. All test data and acceptance ranges shall be sent to the District for evaluation.

1031.05 Quality Designation of Aggregate in RAP/FRAP.

(a) RAP. The aggregate quality of the RAP for homogeneous and conglomerate stockpiles shall be set by the lowest quality of coarse aggregate in the RAP stockpile and are designated as follows.

- (1) RAP from Class I, Superpave/HMA (High ESAL), or (Low ESAL) IL-9.5L surface mixtures are designated as containing Class B quality coarse aggregate.
- (2) RAP from Class I binder, Superpave/HMA (High ESAL) binder, or (Low ESAL) IL-19.0L binder mixtures are designated as containing Class C quality coarse aggregate.

(b) FRAP. If the Engineer has documentation of the quality of the FRAP aggregate, the Contractor shall use the assigned quality provided by the Engineer.

If the quality is not known, the quality shall be determined as follows. Coarse and fine FRAP stockpiles containing plus #4 (4.75 mm) sieve coarse aggregate shall have a maximum tonnage of 5000 tons (4500 metric tons). The Contractor shall obtain a representative sample witnessed by the Engineer. The sample shall be a minimum of 50 lb (25 kg). The sample shall be extracted according to Illinois Modified AASHTO T 164 by a consultant laboratory prequalified by the Department for the specified testing. The consultant laboratory shall submit the test results along with the recovered aggregate to the District Office. The cost for this testing shall be paid by the Contractor. The District will forward the sample to the Central Bureau of Materials Aggregate Lab for MicroDeval Testing, according to ITP 327. A maximum loss of 15.0 percent will be applied for all HMA applications.

1031.06 Use of RAP/FRAP and/or RAS in HMA. The use of RAP/FRAP and/or RAS shall be the Contractor's option when constructing HMA in all contracts.

(a) RAP/FRAP. The use of RAP/FRAP in HMA shall be as follows.

- (1) Coarse Aggregate Size. The coarse aggregate in all RAP shall be equal to or less than the nominal maximum size requirement for the HMA mixture to be produced.
 - (2) Steel Slag Stockpiles. Homogeneous RAP stockpiles containing steel slag will be approved for use in all HMA (High ESAL and Low ESAL) Surface and Binder Mixture applications.
 - (3) Use in HMA Surface Mixtures (High and Low ESAL). RAP/FRAP stockpiles for use in HMA surface mixtures (High and Low ESAL) shall be FRAP or homogeneous in which the coarse aggregate is Class B quality or better. FRAP from Conglomerate stockpiles shall be considered equivalent to limestone for frictional considerations. Known frictional contributions from plus #4 (4.75 mm) homogeneous FRAP stockpiles will be accounted for in meeting frictional requirements in the specified mixture.
 - (4) Use in HMA Binder Mixtures (High and Low ESAL), HMA Base Course, and HMA Base Course Widening. RAP/FRAP stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be FRAP, homogeneous, or conglomerate, in which the coarse aggregate is Class C quality or better.
 - (5) Use in Shoulders and Subbase. RAP/FRAP stockpiles for use in HMA shoulders and stabilized subbase (HMA) shall be FRAP, homogeneous, or conglomerate.
 - (6) When the Contractor chooses the RAP option, the percentage of RAP shall not exceed the amounts indicated in Article 1031.06(c)(1) below for a given Ndesign.
- (b) RAS. RAS meeting Type 1 or Type 2 requirements will be permitted in all HMA applications as specified herein.
- (c) RAP/FRAP and/or RAS Usage Limits. Type 1 or Type 2 RAS may be used alone or in conjunction with RAP or FRAP in HMA mixtures up to a maximum of 5.0 percent by weight of the total mix.
- (1) RAP/RAS. When RAP is used alone or RAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the following table.

RAP/RAS Maximum Asphalt Binder Replacement (ABR) Percentage

HMA Mixtures ^{1/ 2/}	RAP/RAS Maximum ABR %		
Ndesign	Binder	Surface	Polymer Modified Binder or Surface
30	30	30	10

50	25	15	10
70	15	10	10
90	10	10	10

- 1/ For Low ESAL HMA shoulder and stabilized subbase, the RAP/RAS ABR shall not exceed 50 percent of the mixture.
 - 2/ When RAP/RAS ABR exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28). If warm mix asphalt (WMA) technology is utilized and production temperatures do not exceed 275 °F (135 °C), the high and low virgin asphalt binder grades shall each be reduced by one grade when RAP/RAS ABR exceeds 25 percent (i.e. 26 percent RAP/RAS ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).
- (2) FRAP/RAS. When FRAP is used alone or FRAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the following table.

FRAP/RAS Maximum Asphalt Binder Replacement (ABR) Percentage

HMA Mixtures ^{1/2/}	FRAP/RAS Maximum ABR %		
Ndesign	Binder	Surface	Polymer Modified Binder or Surface
30	50	40	10
50	40	35	10
70	40	30	10
90	40	30	10
SMA	--	--	20
IL-4.75	--	--	30

- 1/ For Low ESAL HMA shoulder and stabilized subbase, the FRAP/RAS ABR shall not exceed 50 percent of the mixture.
- 2/ When FRAP/RAS ABR exceeds 20 percent for all mixes, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28). If warm mix asphalt (WMA) technology is utilized and production temperatures do not exceed 275 °F (135 °C), the high and low virgin asphalt binder grades shall each be reduced by one grade when FRAP/RAS ABR exceeds 25 percent (i.e. 26 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).

1031.07 HMA Mix Designs. At the Contractor's option, HMA mixtures may be constructed utilizing RAP/FRAP and/or RAS material meeting the detailed requirements specified herein.

- (a) RAP/FRAP and/or RAS. RAP/FRAP and/or RAS mix designs shall be submitted for verification. If additional RAP/FRAP and/or RAS stockpiles are tested and found that no more than 20 percent of the results, as defined under "Testing" herein, are outside of the control tolerances set for the original RAP/FRAP and/or RAS stockpile and HMA mix design, and meets all of the requirements herein, the additional RAP/FRAP and/or RAS stockpiles may be used in the original mix design at the percent previously verified.

- (b) RAS. Type 1 and Type 2 RAS are not interchangeable in a mix design.

The RAP, FRAP, and RAS stone bulk specific gravities (G_{sb}) shall be according to the "Determination of Aggregate Bulk (Dry) Specific Gravity (G_{sb}) of Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)" procedure in the Department's Manual of Test Procedures for Materials.

1031.08 HMA Production. HMA production utilizing RAP/FRAP and/or RAS shall be as follows.

- (a) RAP/FRAP. The coarse aggregate in all RAP/FRAP used shall be equal to or less than the nominal maximum size requirement for the HMA mixture being produced.

To remove or reduce agglomerated material, a scalping screen, gator, crushing unit, or comparable sizing device approved by the Engineer shall be used in the RAP feed system to remove or reduce oversized material.

If the RAP/FRAP control tolerances or QC/QA test results require corrective action, the Contractor shall cease production of the mixture containing RAP/FRAP and either switch to the virgin aggregate design or submit a new RAP/FRAP design.

- (b) RAS. RAS shall be incorporated into the HMA mixture either by a separate weight depletion system or by using the RAP weigh belt. Either feed system shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes. The portion of RAS shall be controlled accurately to within ± 0.5 percent of the amount of RAS utilized. When using the weight depletion system, flow indicators or sensing devices shall be provided and interlocked with the plant controls such that the mixture production is halted when RAS flow is interrupted.

- (c) RAP/FRAP and/or RAS. HMA plants utilizing RAP/FRAP and/or RAS shall be capable of automatically recording and printing the following information.

(1) Dryer Drum Plants.

- a. Date, month, year, and time to the nearest minute for each print.

- b. HMA mix number assigned by the Department.
- c. Accumulated weight of dry aggregate (combined or individual) in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
- d. Accumulated dry weight of RAP/FRAP/RAS in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
- e. Accumulated mineral filler in revolutions, tons (metric tons), etc. to the nearest 0.1 unit.
- f. Accumulated asphalt binder in gallons (liters), tons (metric tons), etc. to the nearest 0.1 unit.
- g. Residual asphalt binder in the RAP/FRAP material as a percent of the total mix to the nearest 0.1 percent.
- h. Aggregate and RAP/FRAP moisture compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAP/FRAP are printed in wet condition.)

(2) Batch Plants.

- a. Date, month, year, and time to the nearest minute for each print.
- b. HMA mix number assigned by the Department.
- c. Individual virgin aggregate hot bin batch weights to the nearest pound (kilogram).
- d. Mineral filler weight to the nearest pound (kilogram).
- e. RAP/FRAP/RAS weight to the nearest pound (kilogram).
- f. Virgin asphalt binder weight to the nearest pound (kilogram).
- g. Residual asphalt binder in the RAP/FRAP/RAS material as a percent of the total mix to the nearest 0.1 percent.

The printouts shall be maintained in a file at the plant for a minimum of one year or as directed by the Engineer and shall be made available upon request. The printing system will be inspected by the Engineer prior to production and verified at the beginning of each construction season thereafter.

1031.09 RAP in Aggregate Surface Course and Aggregate Wedge Shoulders, Type B.
The use of RAP in aggregate surface course (temporary access entrances only) and aggregate wedge shoulders, Type B shall be as follows.

- (a) Stockpiles and Testing. RAP stockpiles may be any of those listed in Article 1031.02, except "Non-Quality" and "FRAP". The testing requirements of Article 1031.03 shall not apply. RAP used shall be according to the current Central Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) for Aggregate Applications".
- (b) Gradation. One hundred percent of the RAP material shall pass the 1 1/2 in. (37.5 mm) sieve. The RAP material shall be reasonably well graded from coarse to fine. RAP material that is gap-graded or single sized will not be accepted."

80306

Not
For
Bid



Local Public Agency	County	Section Number
Grundey County/Various Townships	Grundey	20-XX000-00-GM

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

April 1, 2016, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures of Materials" in effect on the date of invitation of bids, and the Supplemental 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.

LOCATION OF WORK

See attached schedule of quantities and location maps.

PROSECUTION OF WORK

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

RESPONSIBILITY OF THE CONTRACTOR

The contractor shall notify the Engineer and Highway Commissioner a minimum of 72 hours prior to the commencement of work when they plan to begin and/or the start of a new construction activity.

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

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

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

KEEPING ROAD OPEN TO TRAFFIC

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

CONSTRUCTION SIGNS AND BARRICADES

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

MOBILIZATION

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

Local Public Agency	County	Section Number
Grundy County/Various Townships	Grundy	20-XX000-00-GM

CONSTRUCTION DEBRIS

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

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

BITUMINOUS MATERIALS (PRIME COAT)

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

ALL HOT-MIX ASPHALT MIXTURES

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

HOT-MIX ASPHALT, CUT OFF DATE

Placement of Hot-Mix Asphalt will not be permitted after October 5, unless approved, in writing, by the Engineer.

ALL HOT-MIX ASPHALT MIXTURES

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

INCIDENTAL HOT-MIX ASPHALT SURFACING

Mailbox turnouts and field entrances shall be placed with an extendible screed widener where possible. When an extendible screed widener is used, paving shall be considered an integral part of mainline paving and will not be measured for payment as INCIDENTAL HOT-MIX ASPHALT SURFACING.

SURFACE TESTS

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

QC/QA HOT-MIX ASPHALT

Test strips will not be required on this Contract.

HOT-MIX ASPHALT MIXTURES N50

Description. This work shall consist of constructing Hot-Mix Asphalt Surface Course Mix "C", N50, Leveling Binder (Machine Method), N50 and Hot-Mix Asphalt Binder Course IL 19.0L, N50 according to Section 1030 of the Standard Specifications and the Recurring Special Provision "Quality Control/Quality Assurance of Hot-Mix Asphalt".

Local Public Agency	County	Section Number
Grundy County/Various Townships	Grundy	20-XX000-00-GM

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

Basis of Payment, This work will be paid for at the contract unit price per ton for HOT-MIX ASPHALT SURFACE COURSE MIX "C" N50, LEVELING BINDER (MACHINE METHOD) N50, HOT-MIX ASPHALT BINDER COURSE IL-19.0L N50. Anti-strip if required shall be included in the unit price per ton.

TEMPORARY RAMPS

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

EPOXY PAVEMENT MARKING – LINE 4"

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

TRAFFIC CONTROL PLAN

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

701306
701311
701901

CLASS D PATCHES, 6 INCH (Special)

This work shall be done in accordance with Section 442 and 1030 of the Standard Specifications with the following exceptions: Preparation, Priming, and Leveling of HMA - The Tack Coat shall be applied per Article 406.05 of the Standard Specifications or to the satisfaction of the Engineer prior to placement of the Class D Patches, 2 Inch.

The HMA shall be placed in 2 lifts.

Article 442.11 Basis of Payment - This work shall be paid for at the contract unit price per square yard for Class D Patches, 6 Inch (Special) which price shall include Quality Control as per Section 1030 and all the work specified in this Special Provision.

PG Grade PG 64-22

Local Public Agency	County	Section Number
Grundy County/Various Townships	Grundy	20-XX000-00-GM

Design Air Voids 4% at N50
Mixture Composition IL 9.5
Friction Aggregate Mixture C

As an alternate, the Contractor may use an approved rotomill to remove existing pavement. Should the rotomill damage the pavement which are to remain in place, the Engineer will withdraw approval of this method.

Quantities are estimates prepared for the establishment of pay item prices and are the responsibility of the contractor to confirm prior to bidding. Quantities may be increased, decreased, or omitted to satisfactorily complete the project.

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Instructions for BLR 11310

This form shall be used as the starting paragraph for the special provision packet included in Federal Aid, Township Bridge (TBP) and Motor Fuel Tax (MFT) roadway improvement and maintenance projects. For more information see Chapter 11 of the Bureau of Local Roads and Street Manual (BLRS Manual).

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Special Provisions

Contractor shall notify Highway Engineer and Highway Commissioner 72 hours prior to commencing operations.

Description of Work: The work of these Sections consist of furnishing all labor and materials for items "A" and "B" and all other incidental work necessary to complete this improvement in accordance with the plans and specification for these Sections.

1. **Section: 20-03000-00-GM, Erienna Township:**
 - A. Resurfacing of Erienna Township Building Parking Lot with Hot-Mix Asphalt
2. **Section: 20-04000-00-GM, Felix Township:**
 - A. Milling and Resurfacing of Island Drive and cul-de-sac with Hot-Mix Asphalt
3. **Section: 20-07000-00-GM, Goose Lake Township:**
 - A. Milling and Resurfacing of Peart Road, N. Lakeside Dr, Cardinal Ln, Muskie Trail, and Foxboro Dr with Hot-Mix Asphalt
4. **Section: 20-09000-00-GM, Highland Township:**
 - A. Mill and leave in place a 1.5" special removal on Verona Rd.
 - B. This work shall consist of rotomilling existing surface to sub-base and leaving the millings in place. Pay will be at the contract unit price per square yard.
5. **Section: 20-15000-00-GM, Saratoga Township:**
 - A. Resurfacing of Ashton Rd with Hot-Mix Asphalt
6. **Section: 20-16000-00-GM, Vienna Township:**
 - A. Milling and Resurfacing of patches along Verona Rd, and Waupegan Rd, with Hot-Mix Asphalt
 - B. The work on Buffalo Rd shall consist of rotomilling existing surface to sub-base and leaving the millings in place. Pay will be at the contract unit price per square yard.
7. **Section: 20-17000-00-GM, Wauponsee Township:**
 - A. Resurfacing intersection at Southmor Rd and Dwight Rd.
 - B. Various Class D Patching 6" Special throughout the township. This work shall consist of removing 6" of existing pavement with rotomill and replacement with hot-mix asphalt. Regardless of patch size, this work will be paid as Class D Patch 6" (Special).

Grundy County Prevailing Wage Rates posted on 1/28/2020

Trade Title	Rg	Type	C	Base	Foreman	Overtime				H/W	Pension	Vac	Trng	Other Ins
						M-F	Sa	Su	Hol					
ASBESTOS ABT-GEN	All	ALL		43.72	44.72	1.5	1.5	2.0	2.0	14.99	13.61	0.00	0.90	
ASBESTOS ABT-MEC	All	BLD		37.88	40.38	1.5	1.5	2.0	2.0	13.42	12.20	0.00	0.72	
BOILERMAKER	All	BLD		50.51	55.05	2.0	2.0	2.0	2.0	6.97	14.65	0.00	1.10	
BRICK MASON	All	BLD		46.88	51.57	1.5	1.5	2.0	2.0	10.85	19.31	0.00	0.95	
CARPENTER	All	ALL		48.55	53.41	1.5	1.5	2.0	2.0	11.79	21.85	0.00	0.73	
CEMENT MASON	All	ALL		43.00	45.00	2.0	1.5	2.0	2.0	10.65	26.92	0.00	0.50	
CERAMIC TILE FINISHER	All	BLD		40.56	40.56	1.5	1.5	2.0	2.0	11.00	12.80	0.00	0.86	
COMMUNICATION TECHNICIAN	All	BLD		37.00	40.70	1.5	1.5	2.0	2.0	15.54	13.87	0.00	0.72	1.75
ELECTRIC PWR EQMT OP	All	ALL		53.40	58.40	1.5	1.5	2.0	2.0	12.36	17.72	0.00	3.39	
ELECTRIC PWR GRNDMAN	All	ALL		41.65	58.40	1.5	1.5	2.0	2.0	9.64	13.82	0.00	2.65	
ELECTRIC PWR LINEMAN	All	ALL		53.40	58.40	1.5	1.5	2.0	2.0	12.36	17.72	0.00	3.39	
ELECTRICIAN	All	BLD		45.50	49.60	1.5	1.5	2.0	2.0	16.09	18.52	0.00	1.20	4.10
ELEVATOR CONSTRUCTOR	All	BLD		47.72	53.68	2.0	2.0	2.0	2.0	15.72	18.41	3.82	0.63	
GLAZIER	All	BLD		44.85	46.35	1.5	2.0	2.0	2.0	14.49	22.29	0.00	0.94	
HEAT/FROST INSULATOR	All	BLD		50.50	53.00	1.5	1.5	2.0	2.0	13.42	13.66	0.00	0.72	
IRON WORKER	All	ALL		44.00	48.40	2.0	2.0	2.0	2.0	11.96	26.44	0.00	0.85	
LABORER	All	ALL		43.72	44.47	1.5	1.5	2.0	2.0	14.99	13.61	0.00	0.90	
LATHER	All	ALL		48.55	53.41	1.5	1.5	2.0	2.0	11.79	21.85	0.00	0.73	
MACHINIST	All	BLD		48.93	51.43	1.5	1.5	2.0	2.0	7.68	8.95	1.85	1.32	
MARBLE FINISHER	All	ALL		35.15	48.33	1.5	1.5	2.0	2.0	10.85	17.66	0.00	0.52	
MARBLE MASON	All	BLD		46.03	50.63	1.5	1.5	2.0	2.0	10.85	18.78	0.00	0.64	
MATERIAL TESTER I	All	ALL		33.72		1.5	1.5	2.0	2.0	14.99	13.61	0.00	0.90	
MATERIALS TESTER II	All	ALL		38.72		1.5	1.5	2.0	2.0	14.99	13.61	0.00	0.90	
MILLWRIGHT	All	ALL		48.55	53.41	1.5	1.5	2.0	2.0	11.79	21.85	0.00	0.73	
OPERATING ENGINEER	All	BLD	1	51.10	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	2	49.80	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	3	47.25	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	4	45.50	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	5	54.85	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	6	52.10	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	7	54.10	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	

OPERATING ENGINEER	All	FLT		38.00	38.00	1.5	1.5	2.0	2.0	19.65	15.10	2.00	1.40	
OPERATING ENGINEER	All	HWY	1	49.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	2	48.75	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	3	46.70	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	4	45.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	5	44.10	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	6	52.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	7	50.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
PAINTER	All	ALL		47.30	53.21	1.5	1.5	1.5	2.0	12.01	12.74	0.00	1.87	
PAINTER - SIGNS	All	BLD		39.84	44.74	1.5	1.5	2.0	2.0	2.73	3.39	0.00	0.00	
PILEDRIIVER	All	ALL		48.55	53.41	1.5	1.5	2.0	2.0	11.79	21.85	0.00	0.73	
PIPEFITTER	All	BLD		49.60	52.60	1.5	1.5	2.0	2.0	10.75	19.85	0.00	2.67	
PLASTERER	All	BLD		44.50	47.17	1.5	1.5	2.0	2.0	14.50	17.29	0.00	1.50	
PLUMBER	All	BLD		51.00	54.05	1.5	1.5	2.0	2.0	15.37	14.75	0.00	1.35	
ROOFER	All	BLD		35.28	37.28	1.5	1.5	2.0	2.0	10.58	12.04	0.00	0.58	
SHEETMETAL WORKER	All	BLD		49.07	51.52	1.5	1.5	2.0	2.0	10.85	17.51	0.00	0.96	2.32
SIGN HANGER	All	ALL		22.99	25.29	1.5	1.5	2.0	2.0	3.79	2.50	0.00	0.00	
SPRINKLER FITTER	All	BLD		50.15	52.65	1.5	1.5	2.0	2.0	13.50	16.60	0.00	0.65	
STONE MASON	All	BLD		46.88	51.57	1.5	1.5	2.0	2.0	10.85	19.31	0.00	0.95	
TERRAZZO FINISHER	All	BLD		42.54	42.54	1.5	1.5	2.0	2.0	11.00	14.64	0.00	0.88	
TERRAZZO MASON	All	BLD		46.38	49.88	1.5	1.5	2.0	2.0	11.00	16.09	0.00	0.93	
TILE MASON	All	BLD		47.50	51.50	1.5	1.5	2.0	2.0	11.00	16.06	0.00	0.93	
TRUCK DRIVER	All	ALL	1	38.41	38.96	1.5	1.5	2.0	2.0	9.15	10.43	0.00	0.15	
TRUCK DRIVER	All	ALL	2	38.56	38.96	1.5	1.5	2.0	2.0	9.15	10.43	0.00	0.15	
TRUCK DRIVER	All	ALL	3	38.76	38.96	1.5	1.5	2.0	2.0	9.15	10.43	0.00	0.15	
TRUCK DRIVER	All	ALL	4	38.96	38.96	1.5	1.5	2.0	2.0	9.15	10.43	0.00	0.15	
TUCKPOINTER	All	BLD		46.50	47.50	1.5	1.5	2.0	2.0	8.34	18.40	0.00	0.93	

Legend

Rg Region

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

C Class

Base Base Wage Rate

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

OT Sa Overtime pay required for every hour worked on Saturdays

OT Su Overtime pay required for every hour worked on Sundays

OT Hol Overtime pay required for every hour worked on Holidays

H/W Health/Welfare benefit

Vac Vacation

Trng Training

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

Explanations GRUNDY COUNTY

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

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

EXPLANATION OF CLASSES

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

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

CERAMIC TILE FINISHER

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

COMMUNICATIONS TECHNICIAN

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

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

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

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

OPERATING ENGINEER - BUILDING

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

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

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

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

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines; ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types; Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

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

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

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

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

Class 6. Field Mechanics and Field Welders

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

OPERATING ENGINEERS - FLOATING

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

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

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

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

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

TERRAZZO FINISHER

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

Other Classifications of Work:

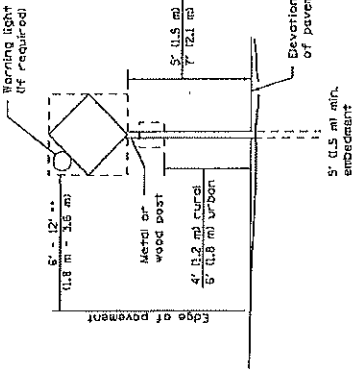
For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such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

LANDSCAPING

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

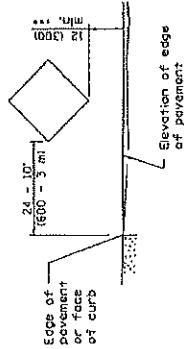
MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

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



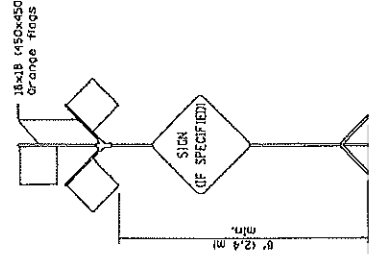
POST MOUNTED SIGNS

When curb or paved shoulder is present this dimension shall be 24' (600) to the face of curb or 5' (1.8 m) to the outside edge of the paved shoulder.

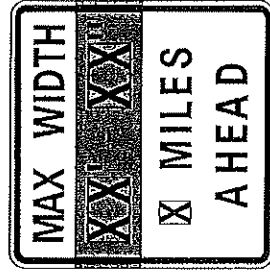


SIGNS ON TEMPORARY SUPPORTS

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

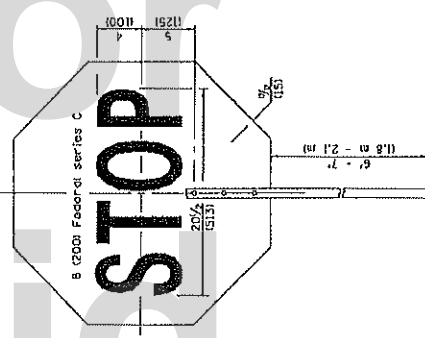


HIGH LEVEL WARNING DEVICE

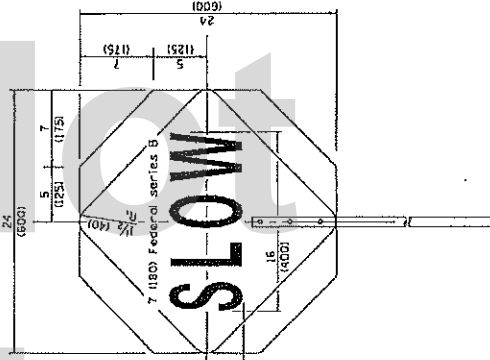


WIDTH RESTRICTION SIGN

XX-XX' width and X miles are variable.



FRONT SIDE



REVERSE SIDE

ROAD CONSTRUCTION NEXT X MILES
020-11040-6036

END CONSTRUCTION
020-1105101-6024

This signing is required for all projects 2 miles (3200 m) or more in length. ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

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

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

WORK LIMIT SIGNING

WORK ZONE
SPEED LIMIT
R2-1-3648

PHOTO ENFORCED
R10-11050p-3618

SXXX FINE MINIMUM
R2-1106p-3618

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

END WORK ZONE SPEED LIMIT
020-110301-6036

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

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

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

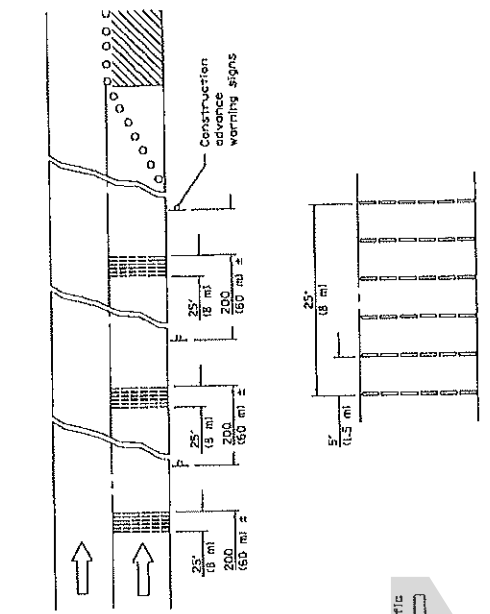
TRAFFIC CONTROL DEVICES

Sheet 2 of 31

STANDARD 701501-06

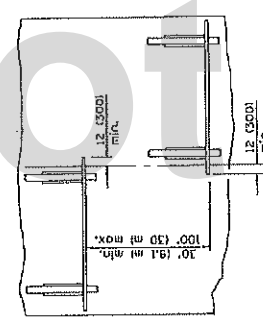
FLAGGER TRAFFIC CONTROL SIGN

Wisconsin Department of Transportation
APPROVED: [Signature] 1-1-17
ISSUED: 1-1-17
DESIGNED BY: [Signature]
CHECKED BY: [Signature]
REVIEWED BY: [Signature]

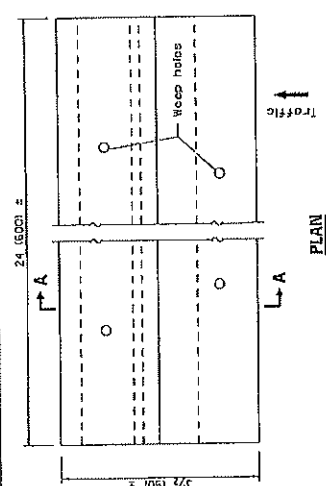


TYPICAL INSTALLATION

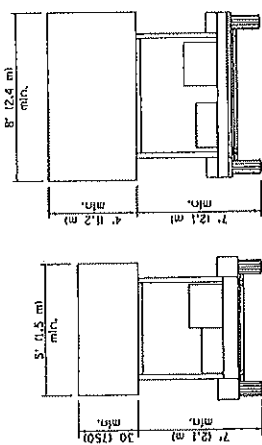
TEMPORARY RUMBLE STRIPS



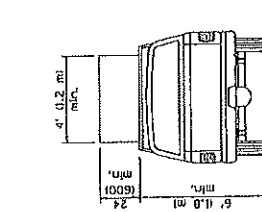
SECTION A-A



TYPE A
ROOF MOUNTED

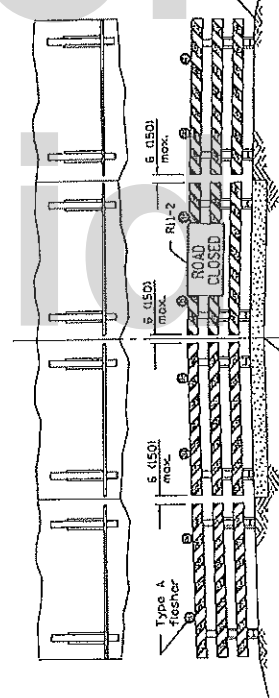


TYPE B
ROOF OR TRAILER MOUNTED



TYPE C
TRAILER MOUNTED

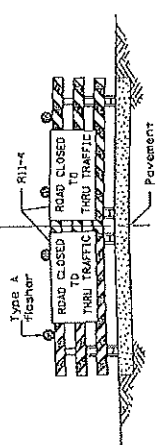
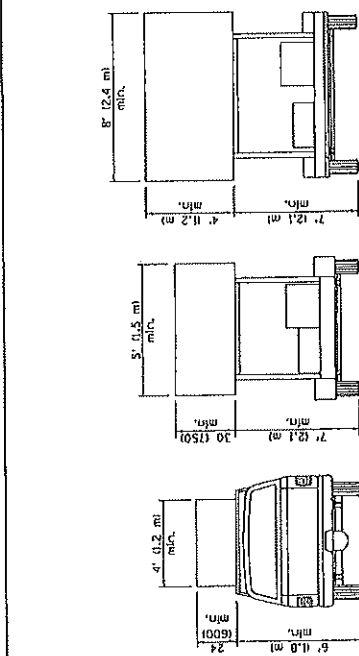
ARROW BOARDS



ROAD CLOSED TO ALL TRAFFIC

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

TYPICAL APPLICATIONS OF
TYPE III BARRICADES CLOSING A ROAD



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

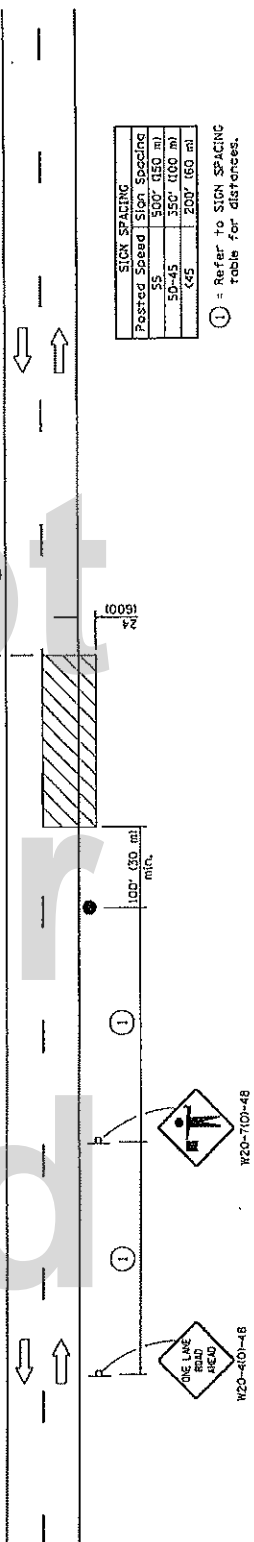
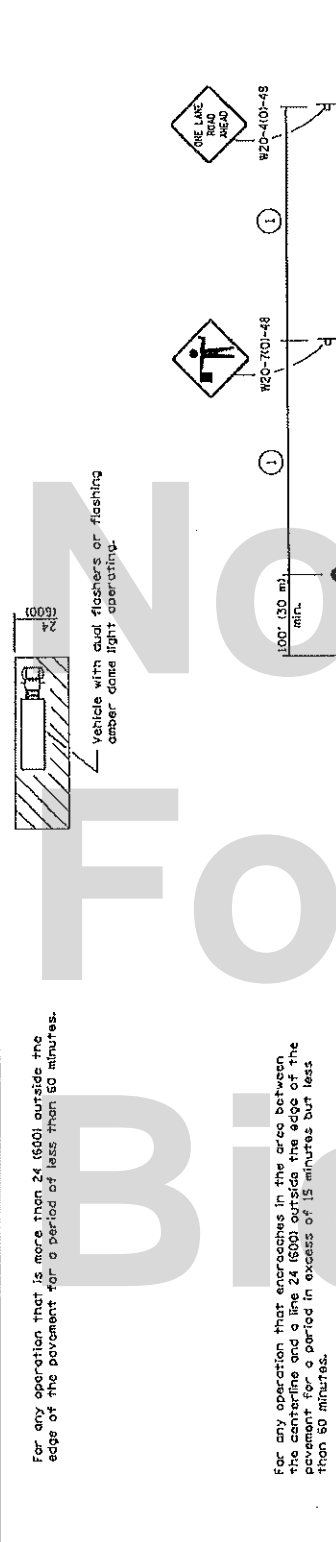
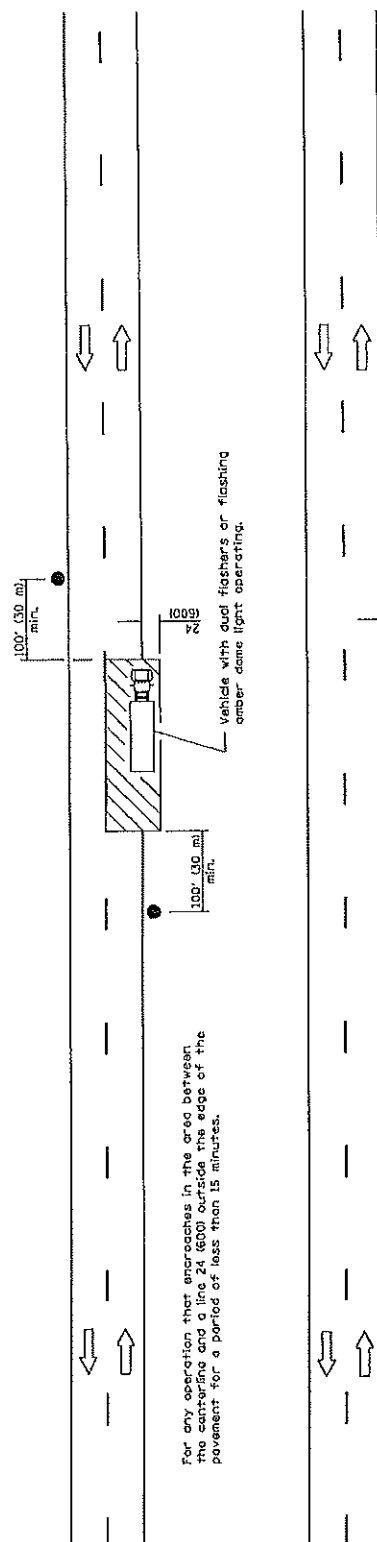
ROAD CLOSED TO THRU TRAFFIC

Illinois Department of Transportation		ISSUED 1-1-81
APPROVED	DESIGNED	201
ENGINEER OF DESIGN		201
APPROVED	DESIGNED	201
CHECKED BY DESIGN AND ENVIRONMENT		

TRAFFIC CONTROL DEVICES

STANDARD 701901-06

(Sheet 2 of 3)



Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

① = Refer to SIGN SPACING table for distances.

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

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

- TYPICAL APPLICATIONS**
- Marking patches
 - Field survey
 - String line
 - Utility operations
 - Cleaning up debris on pavement

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

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

STANDARD 701301-04

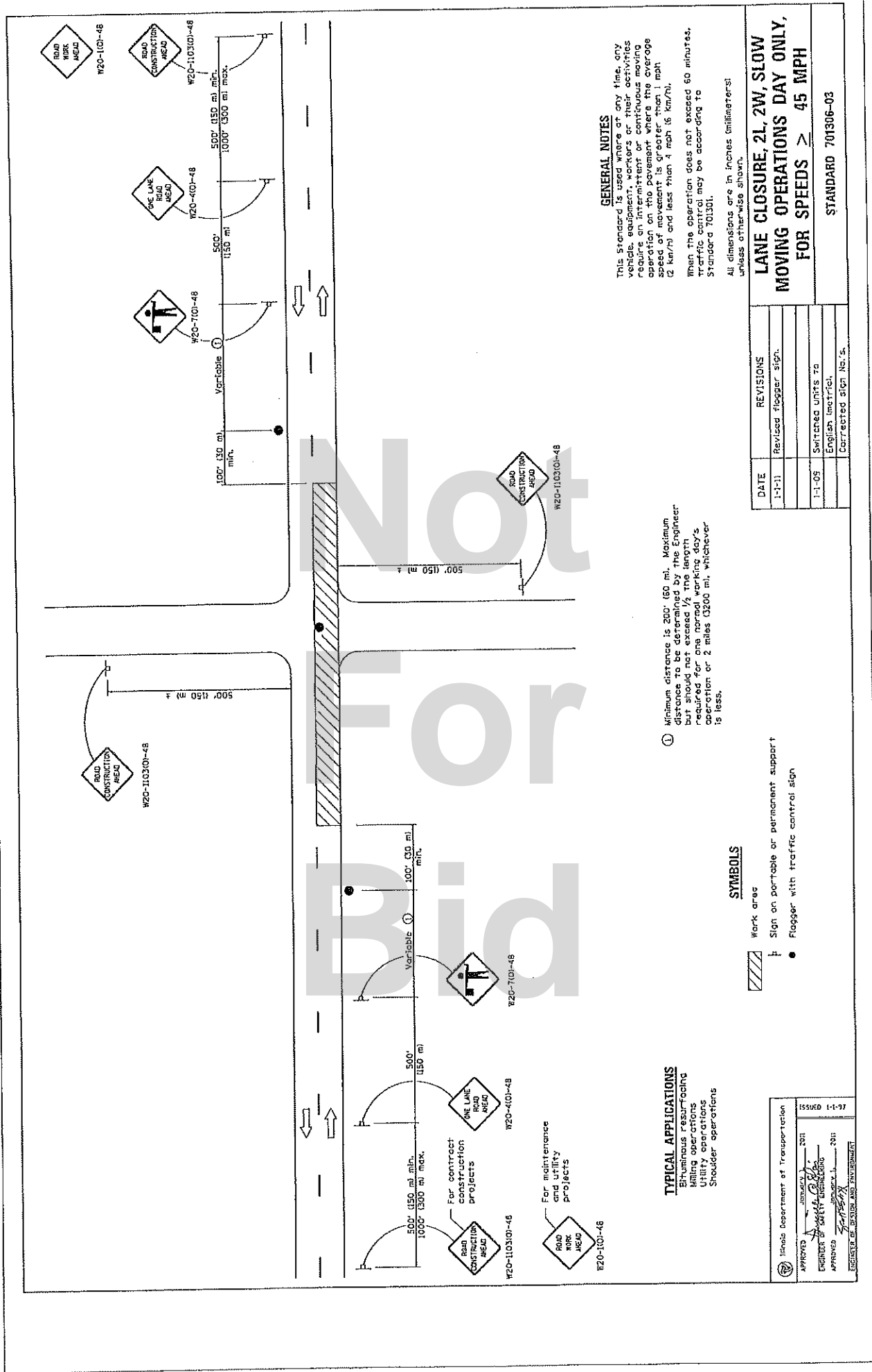
Illinois Department of Transportation

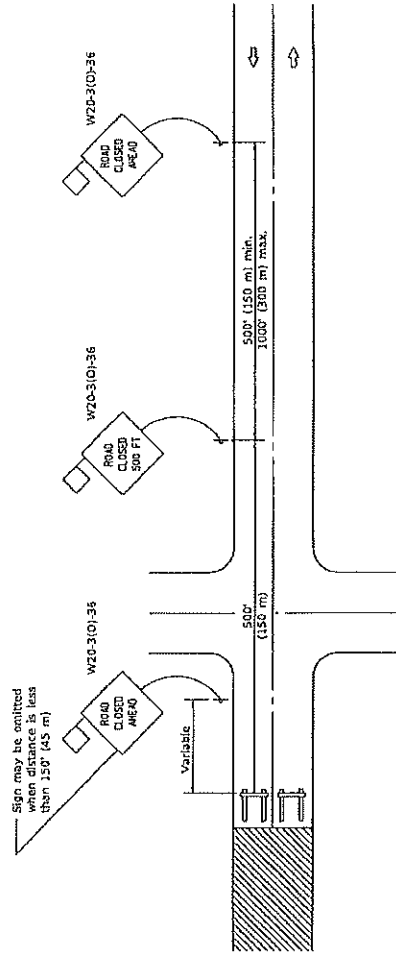
APPROVED: [Signature] 2011

DESIGNED: [Signature] 2011

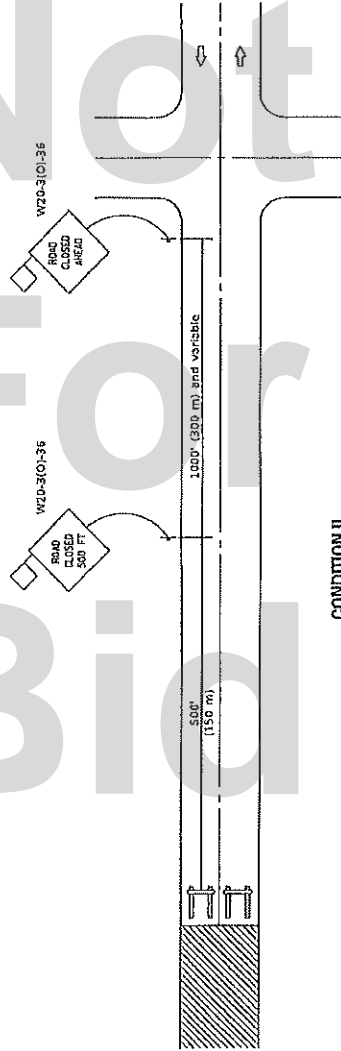
PROJECT: [Signature] 2011

PROJECT OF RECORD AND EXHIBITS





CONDITION I
When distance from closure to crossroad is less than 1500' (450 m)



CONDITION II
When distance from closure to crossroad is greater than 1500' (450 m)

SYMBOLS

- Work area
- Type III Barricade
- Sign with 18x18 (450x450) min. orange flag attached

GENERAL NOTES

Type III Barricades and R11-2-4830 Signs shall be positioned as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

Two Type A Low Intensity Flashing Lights shall be used on each approach in advance of the work area during road closure. One light shall be positioned on the approach to the work area and the other above the first advance warning sign.

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

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

Longitudinal dimensions may be adjusted to fit field conditions.

When the distance between the barricade and the intersection is between 1500' (450 m) and 2000' (600 m), the advance sign shall be placed at the intersection. When the distance between the barricade and the intersection is over 2000' (600 m), an additional sign shall be placed at the intersection. The additional sign shall give the distance to the barricade in miles or fractions of a mile.

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

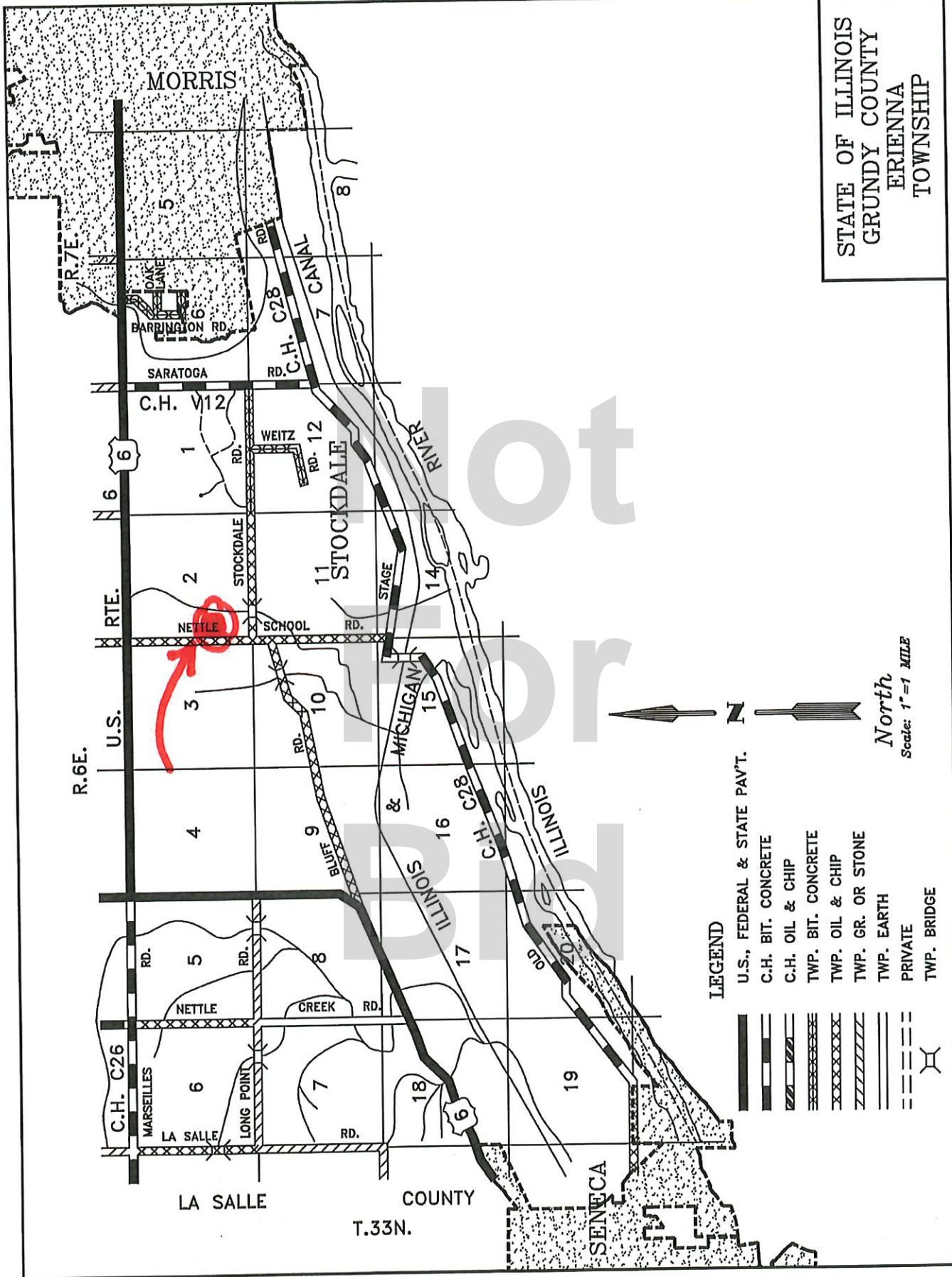
DATE	REVISIONS
1-1-12	Omitted two notes from GENERAL NOTES.
1-1-09	Switched units to English (metric).

PASSED JUNE 1, 2012 ENGINEER OF HIGHWAYS AND STREETS APPROVED JUNE 1, 2012 ENGINEER OF DESIGN AND ENVIRONMENT	Illinois Department of Transportation ISSUED 1-1-97
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TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

STANDARD B.L.R. 21-9

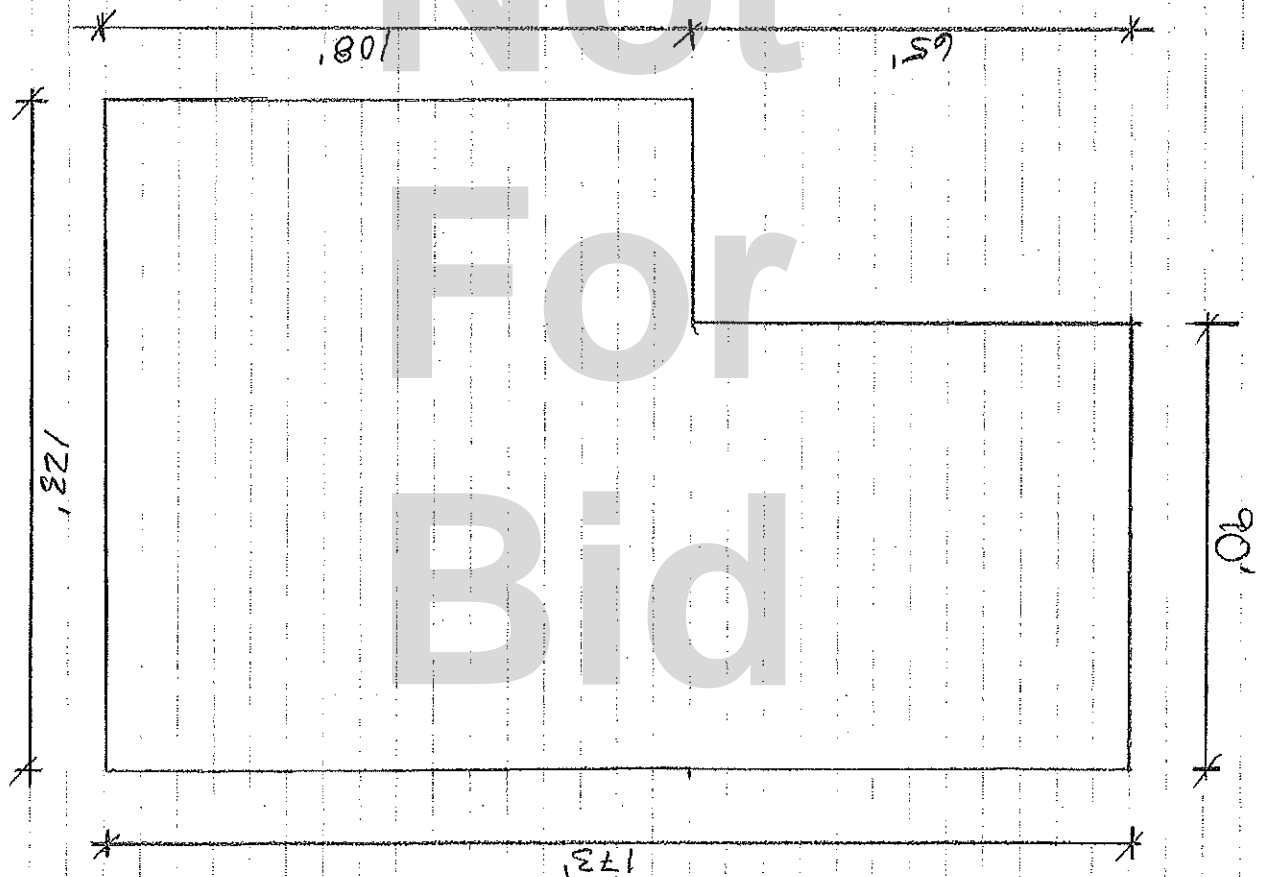
STATE OF ILLINOIS
GRUNDY COUNTY
ERIENNA
TOWNSHIP



GRAND COUNTY

ERENNA TOWNSHIP

TOWNSHIP BUILDING 6140 Kettle School Rd, Morris, IL 60450



Not For Bid

LOCATIONS

- Buffalo Rd: Omally to Greer, Grind up

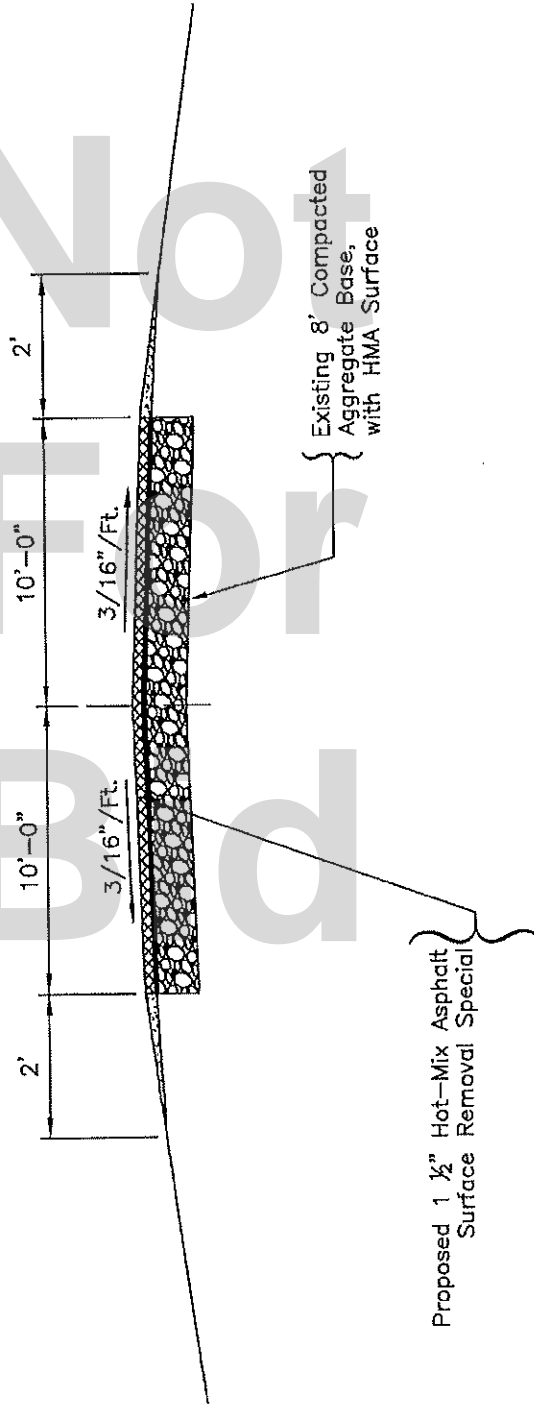
State of Illinois
Department of Transportation
Bureau of Local Roads and Streets
Plans for Proposed
Road District Improvement

Scales { Plan
Profile, Horizontal
Profile, Vertical

1 inch = Ft.
1 inch = Ft.
1 inch = Ft.

County Grundy
Road District Vienna Township
Section 20-16000-00-GM, Group IV

Typical Cross Section



PG Grade For Hot-Mix Asphalt

Mix	PG Grade
Level Binder	58-22
Binder Course	58-22
Surface Course	58-22
Patching	58-22
Base Course and Widening	58-22

* See Proposal for Specifications

Approved _____, 2020
District/Regional Engineer

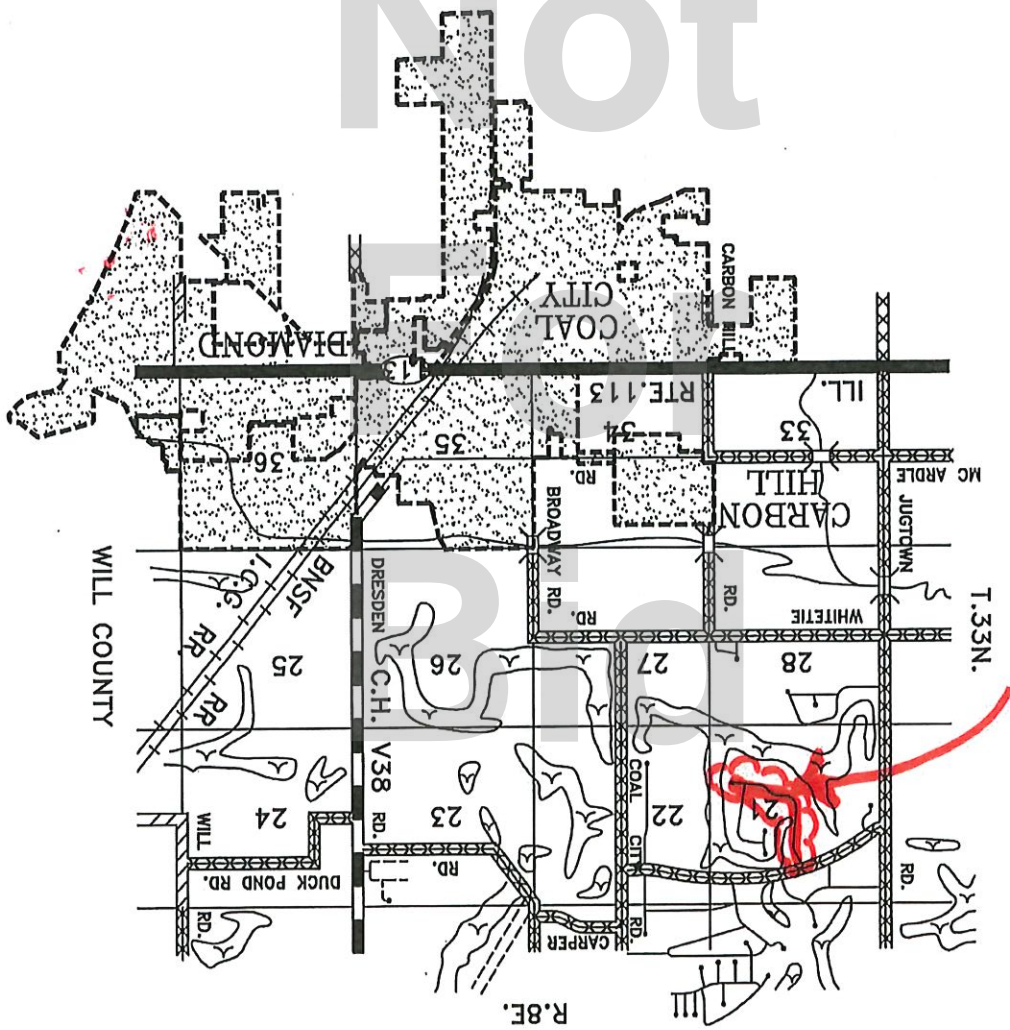
Submitted _____, 2020
Vienna Township Highway Commissioner
Grundy County Engineer

STATE OF ILLINOIS
GRUNDY COUNTY
FELIX
TOWNSHIP

North
Scale: 1" = 1 MILE



- LEGEND
- TWP. BRIDGE
 - PRIVATE
 - TWP. EARTH
 - TWP. GR. OR STONE
 - TWP. OIL & CHIP
 - TWP. BIT. CONCRETE
 - C.H. OIL & CHIP
 - C.H. BIT. CONCRETE
 - U.S., FEDERAL & STATE PAV'T.



State of Illinois Department of Transportation

LOCATIONS

- Island Dr: Deerfield to include Cul de Sac

Scales { Plan
Profile, Horizontal
Profile, Vertical

1 inch = Ft.
1 inch = Ft.
1 inch = Ft.

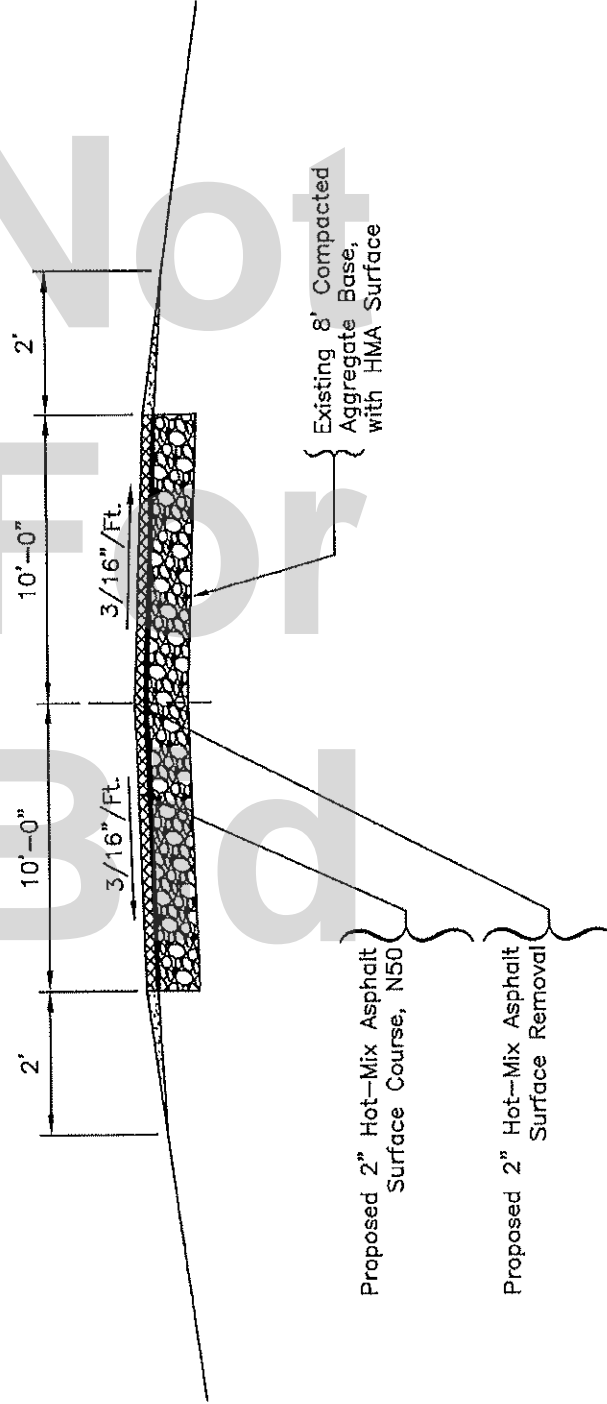
Bureau of Local Roads and Streets

Plans for Proposed

Road District Improvement

County Grundy
Road District Felix Township
Section 20-04000-00-GM, Group IV

Typical Cross Section



PG Grade For Hot-Mix Asphalt

Mix	PG Grade
Level Binder	58-22
Binder Course	58-22
Surface Course	58-22
Patching	58-22
Base Course and Widening	58-22

* See Proposal for Specifications

Submitted _____, 2020

Approved _____, 2020

Felix Township Highway Commissioner

District/Regional Engineer

Grundy County Engineer

STATE OF ILLINOIS
GRUNDY COUNTY
GOOSE LAKE
TOWNSHIP

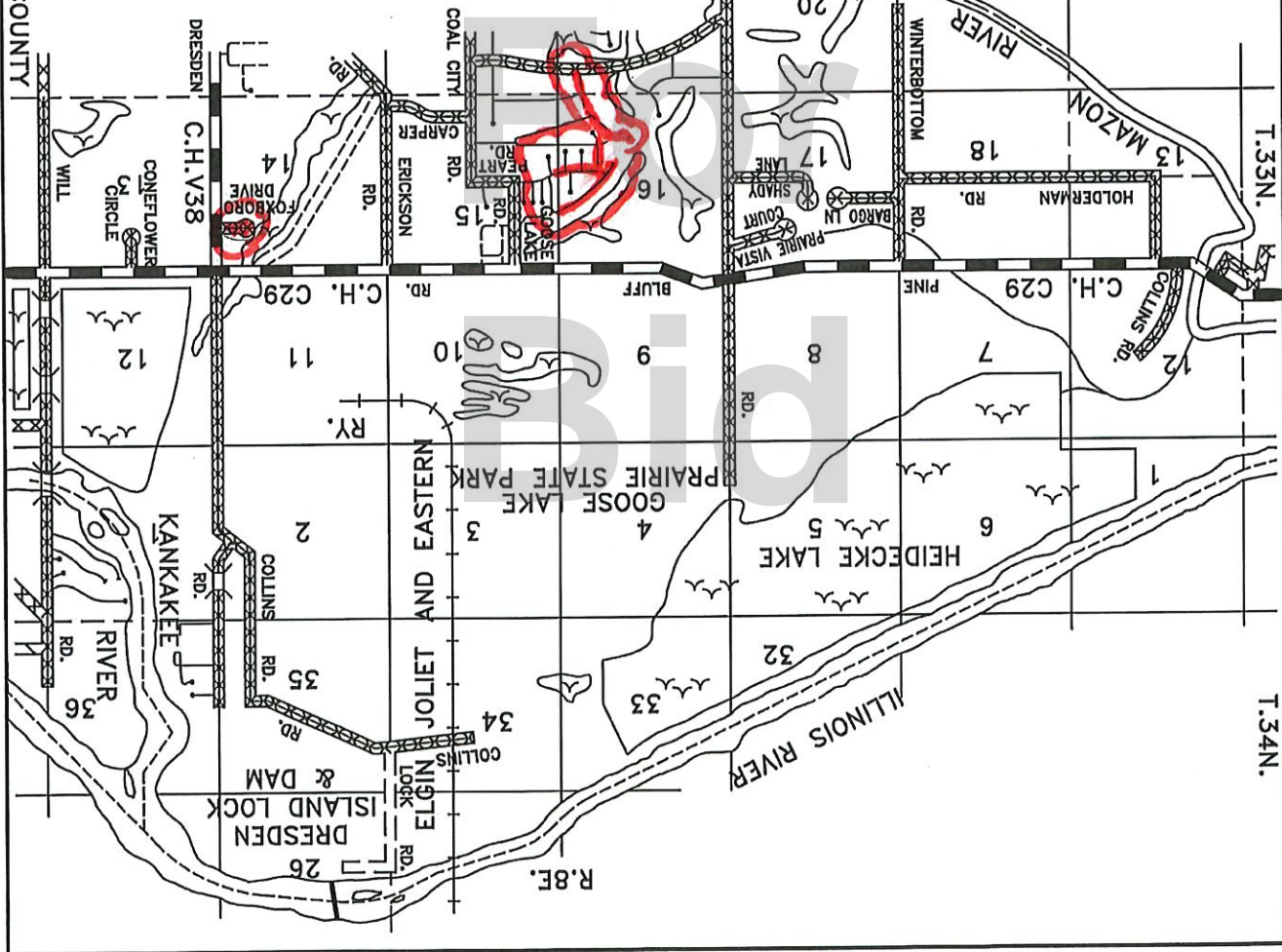
Scale: 1" = 1 MILE

North



- LEGEND
- U.S., FEDERAL & STATE PAV'T.
 - C.H. BIT. CONCRETE
 - C.H. OIL & CHIP
 - TWP. BIT. CONCRETE
 - TWP. OIL & CHIP
 - TWP. GR. OR STONE
 - TWP. EARTH
 - PRIVATE
 - TWP. BRIDGE

WILL COUNTY



T.33N.

T.34N.

State of Illinois Department of Transportation

LOCATIONS

- N Lakeside Dr: Hilltop to Cul de Sac
- Cardinal Ln: Peart to N. Prairie
- Muskies Trail: Cul de Sac to Walleye Rd
- Peart Rd: Muskies Trail to Goose Lake Rd.
- Foxboro Dr: Cul De Sac to County Rd.
- Peart Rd: Muskies Tr. to Goose Lake Rd.

Bureau of Local Roads and Streets

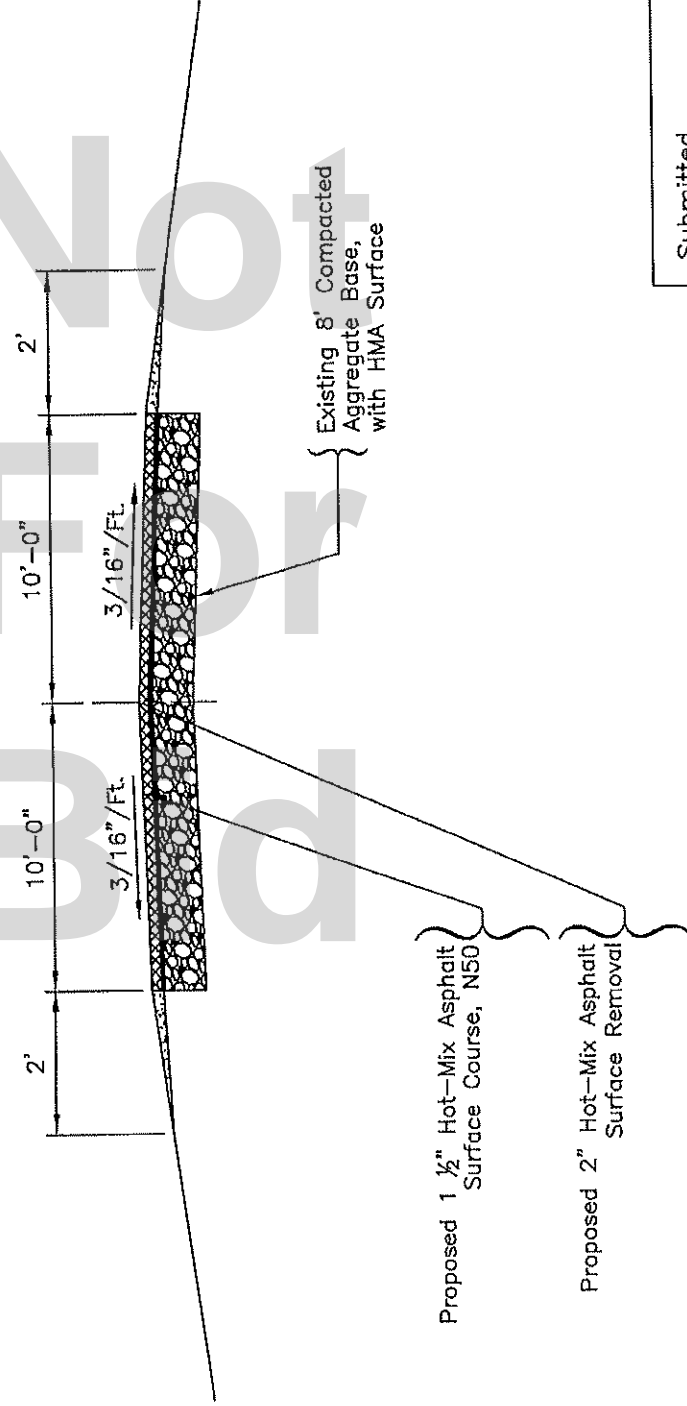
Plans for Proposed

Road District Improvement

County Grundy
Road District Goose Lake Township
Section 20-07000-00-GM, Group IV

Scales { Plan 1 inch = Ft.
Profile, Horizontal 1 inch = Ft.
Profile, Vertical 1 inch = Ft.

Typical Cross Section



PG Grade For Hot-Mix Asphalt

Mix	PG Grade
Level Binder	58-22
Binder Course	58-22
Surface Course	58-22
Patching	58-22
Base Course and Widening	58-22

* See Proposal for Specifications

Submitted _____, 2020

Approved _____, 2020

Goose Lake Township Highway Commissioner

District/Regional Engineer

Grundy County Engineer

State of Illinois Department of Transportation

LOCATIONS
• Verona Rd: Goodfarm to Stonewall

Bureau of Local Roads and Streets

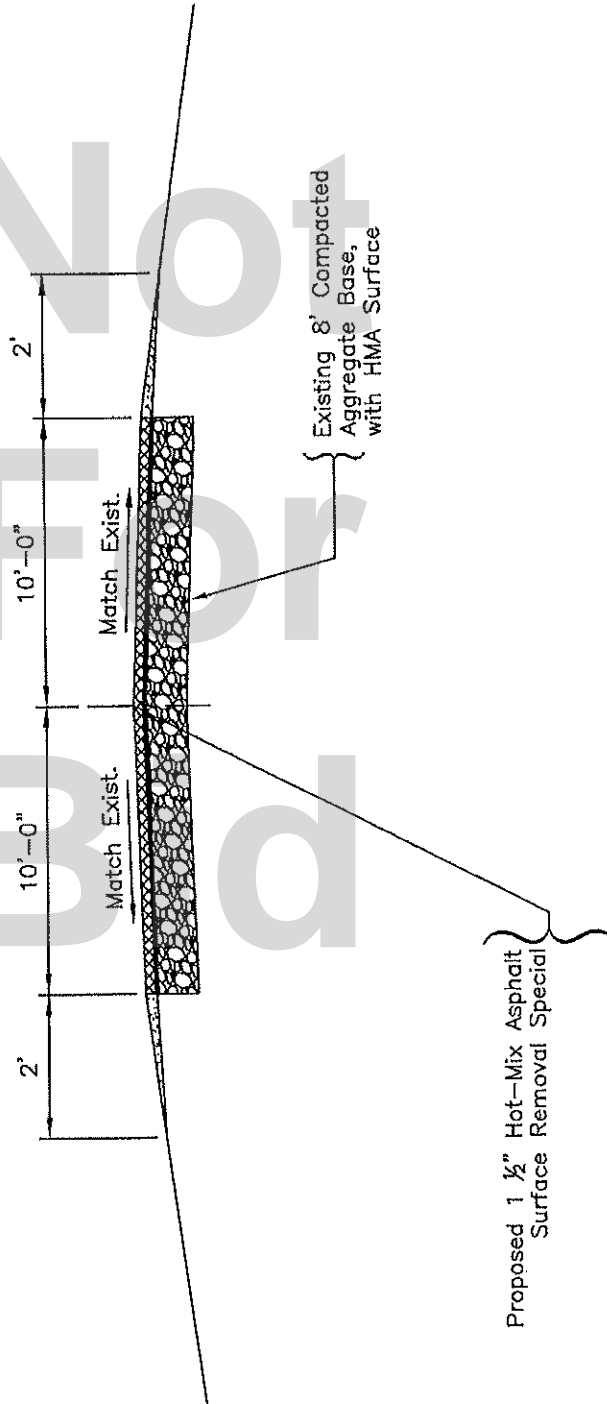
Plans for Proposed

Road District Improvement

Scales { Plan 1 inch = Ft.
Profile, Horizontal 1 inch = Ft.
Profile, Vertical 1 inch = Ft.

County Grundy
Road District Highland Township
Section 20-09000-00-GM, Group IV

Typical Cross Section



PG Grade For Hot-Mix Asphalt

Mix	PG Grade
Level Binder	58-22
Binder Course	58-22
Surface Course	58-22
Patching	58-22
Base Course and Widening	58-22

* See Proposal for Specifications

Submitted _____, 2020

Approved _____, 2020

Highland Township Highway Commissioner

Grundy County Engineer

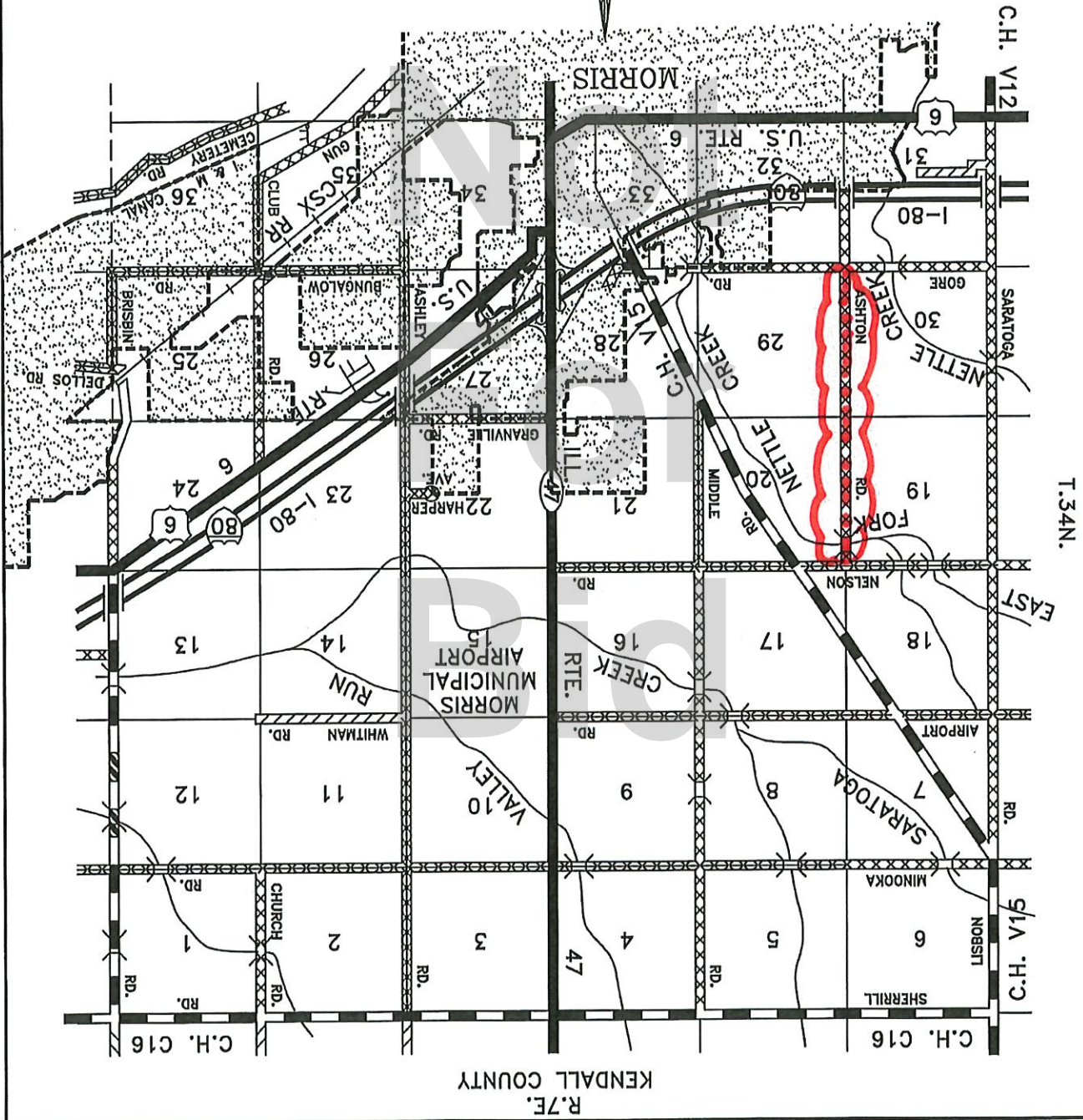
District/Regional Engineer

STATE OF ILLINOIS
GRUNDY COUNTY
SARATOGA
TOWNSHIP

North
Scale: 1" = 1 MILE



- LEGEND
- U.S., FEDERAL & STATE PAV'T. (thick solid line)
 - C.H. BIT. CONCRETE (dashed line)
 - C.H. OIL & CHIP (line with cross-hatches)
 - TWP. BIT. CONCRETE (line with cross-hatches)
 - TWP. OIL & CHIP (line with cross-hatches)
 - TWP. GR. OR STONE (line with diagonal hatches)
 - TWP. EARTH (line with diagonal hatches)
 - PRIVATE (dashed line)
 - TWP. BRIDGE (line with cross-hatches)



State of Illinois Department of Transportation

LOCATIONS
• Ashton Rd: Nelson Rd. to Gore Rd.

Scales { Plan 1 inch = Ft.
Profile, Horizontal 1 inch = Ft.
Profile, Vertical 1 inch = Ft.

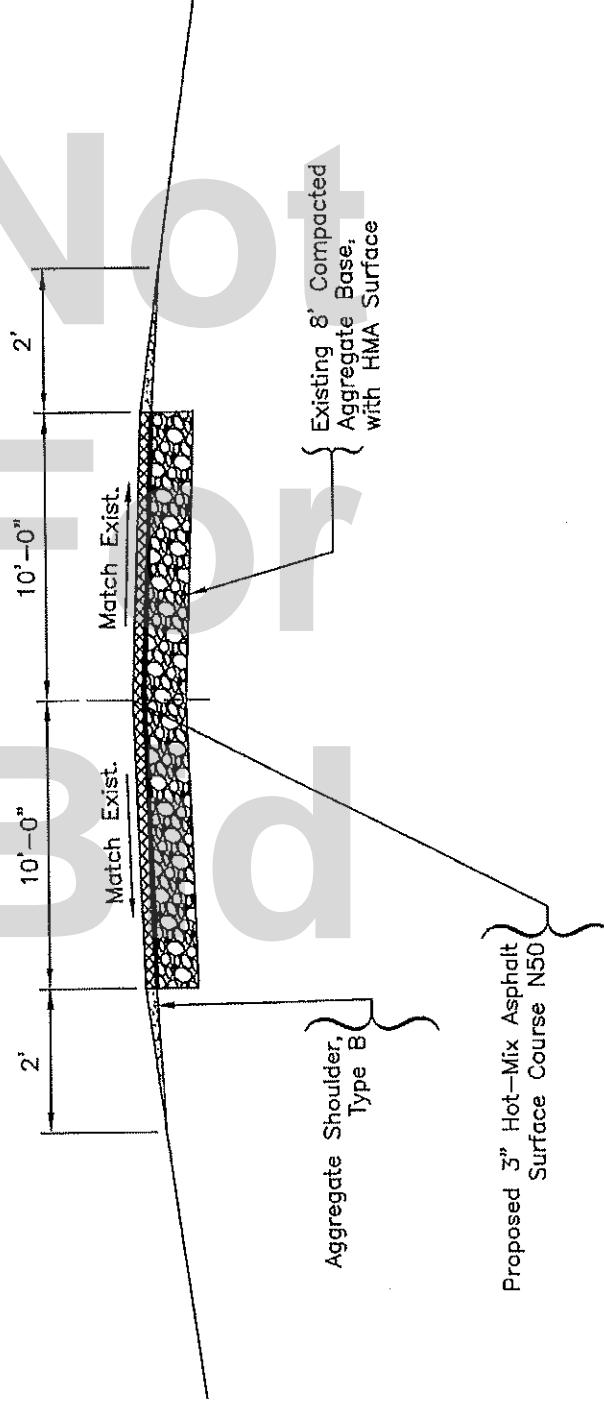
Bureau of Local Roads and Streets

Plans for Proposed

Road District Improvement

County Grundy
Road District Saratoga Township
Section 20-15000-00-GM, Group IV

Typical Cross Section



PG Grade For Hot-Mix Asphalt

Mix	PG Grade
Level Binder	58-22
Binder Course	58-22
Surface Course	58-22
Patching	58-22
Base Course and Widening	58-22

* See Proposal for Specifications

Submitted _____, 2020

Approved _____, 2020

Saratoga Township Highway Commissioner

Grundy County Engineer

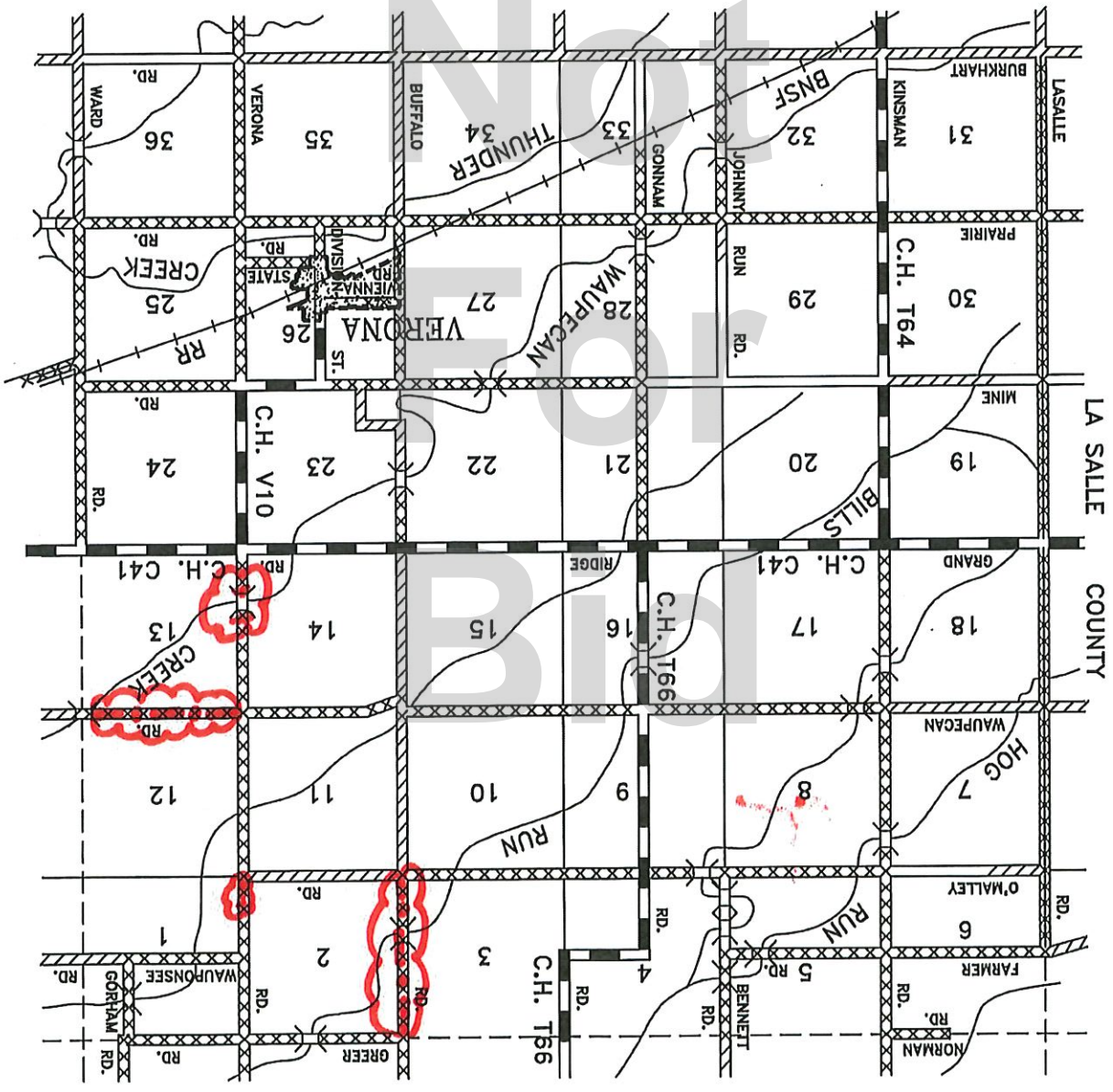
District/Regional Engineer

STATE OF ILLINOIS
GRUNDY COUNTY
VIENNA
TOWNSHIP

North
Scale: 1"=1 MILE
REVISED 1-22-09



- LEGEND
- U.S., FEDERAL & STATE PAV'T.
 - C.H. BIT. CONCRETE
 - C.H. OIL & CHIP
 - TWP. BIT. CONCRETE
 - TWP. OIL & CHIP
 - TWP. GR. OR STONE
 - TWP. EARTH
 - PRIVATE
 - TWP. BRIDGE



T.32N.

R.6E.

State of Illinois Department of Transportation

LOCATIONS

- Verona Rd: Coleman Bridge Approaches
- Verona Rd: 450' North of O'mally Rd
- Waupegan Rd: E. of Verona, Bridge Approach

Bureau of Local Roads and Streets

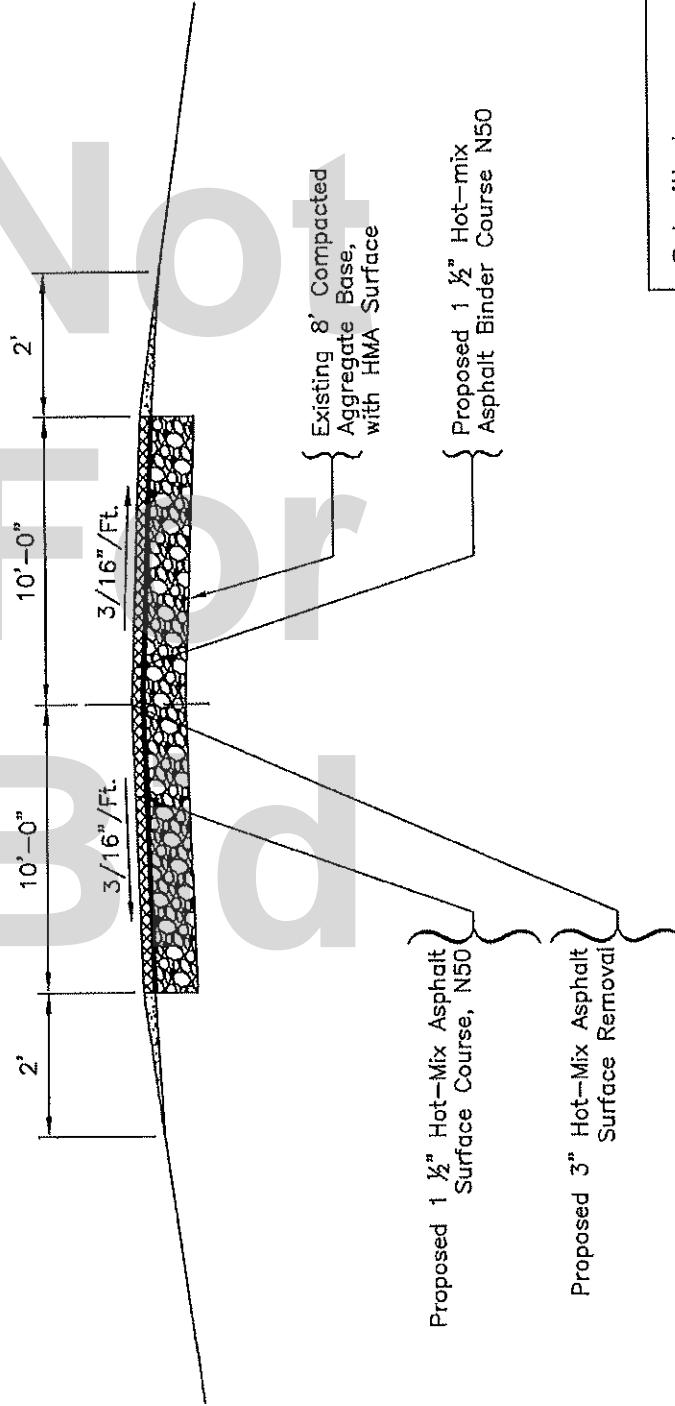
Plans for Proposed

Road District Improvement

Scales { Plan Profile, Horizontal Profile, Vertical 1 inch = 100 ft. 1 inch = 10 ft. 1 inch = 10 ft. }

County Grundy
Road District Vienna Township
Section 20-16000-00-GM, Group IV

Typical Cross Section



PG Grade For Hot-Mix Asphalt

Mix	PG Grade
Level Binder	58-22
Binder Course	58-22
Surface Course	58-22
Patching	58-22
Base Course and Widening	58-22

* See Proposal for Specifications

Submitted _____, 2020

Approved _____, 2020

Vienna Township Highway Commissioner

Grundy County Engineer

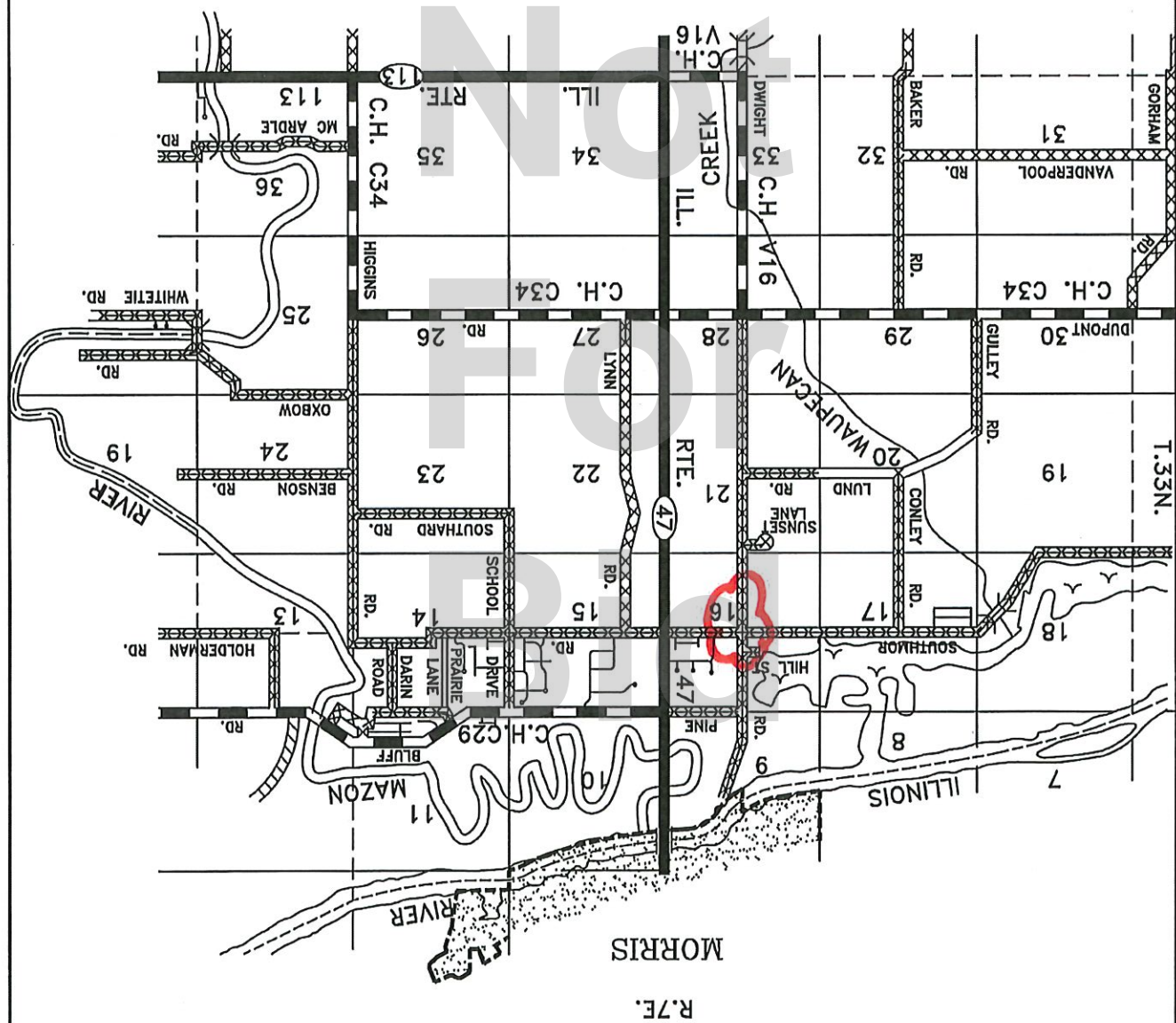
District/Regional Engineer

STATE OF ILLINOIS
GRUNDY COUNTY
WAUPONSEE
TOWNSHIP

North
Scale: 1"=1 MILE



- LEGEND
- U.S., FEDERAL & STATE PAV'T. (thick solid line)
 - C.H., BIT. CONCRETE (dashed line)
 - C.H., OIL & CHIP (line with diagonal hatching)
 - TWP., BIT. CONCRETE (line with cross-hatching)
 - TWP., OIL & CHIP (line with 'x' pattern)
 - TWP., GR. OR STONE (line with diagonal hatching)
 - TWP., EARTH (line with horizontal hatching)
 - PRIVATE (dashed line)
 - TWP. BRIDGE (line with bridge symbol)



State of Illinois Department of Transportation

LOCATIONS

West Southmor Rd/Dwight Rd.
Intersection

Bureau of Local Roads and Streets

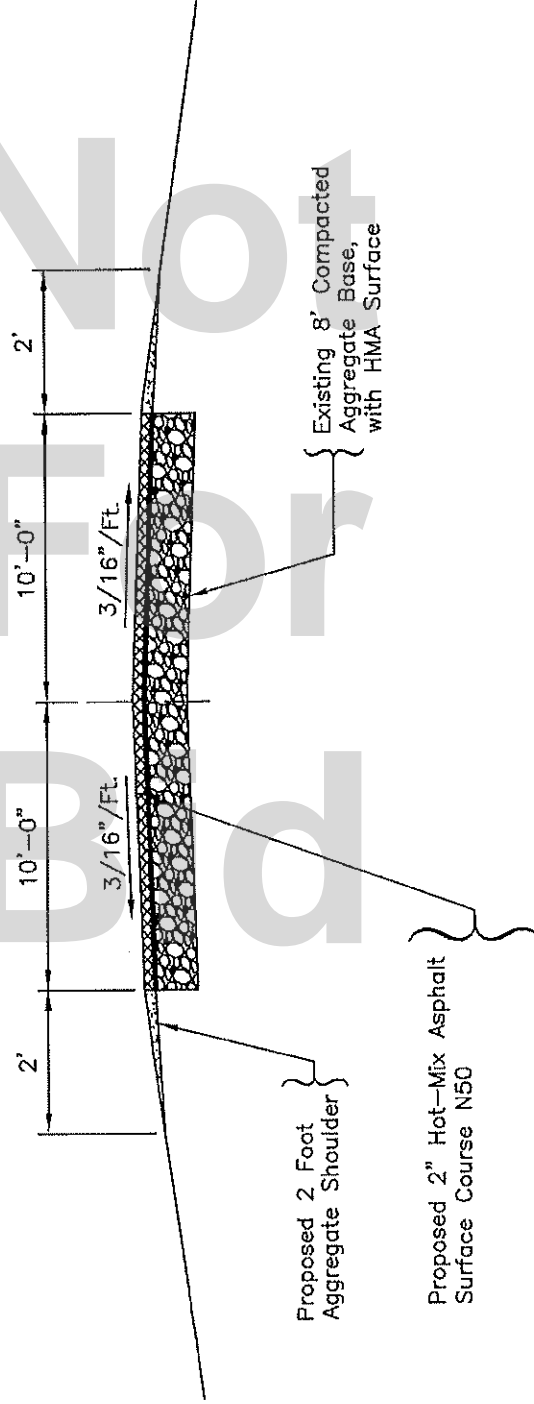
Plans for Proposed

Road District Improvement

Scales { Plan 1 inch = Ft.
Profile, Horizontal 1 inch = Ft.
Profile, Vertical 1 inch = Ft.

County Grundy
Road District Waupoose Township
Section 20-17000-00-GM, Group IV

Typical Cross Section



PG Grade For Hot-Mix Asphalt

Mix	PG Grade
Level Binder	58-22
Binder Course	58-22
Surface Course	58-22
Patching	58-22
Base Course and Widening	58-22

* See Proposal for Specifications

Approved _____, 2020

District/Regional Engineer

Submitted _____, 2020

Waupoose Township Highway Commissioner

Grundy County Engineer

**Not
For
Bid**