

# **Raisinville Township**

**PROPOSAL**

**FOR**

**PARKING LOT RESURFACING PROJECT**

**RAISINVILLE TOWNSHIP  
MONROE COUNTY, MICHIGAN**

**BID OPENING:**

**Thursday, December 12, 2024 at 2:00 p.m.**

**RAISINVILLE TOWNSHIP  
TOWNSHIP BOARD**

Mr. Gerald Blanchette, Supervisor  
Ms. Brenda Fetterly, Clerk  
Ms. Rosemarie Meyer, Treasurer  
Mr. Tom Woelmer, Trustee  
Mr. Michael Jaworski, Trustee

**MSG PROJECT NO. 2400993**

**RAISINVILLE TOWNSHIP  
PROPOSAL  
PARKING LOT RESURFACING PROJECT**

TO: The Township Board of Raisinville Township

FOR: Parking lot resurfacing project of the existing asphalt parking lot, located at the Raisinville Township Hall, Raisinville Township, Monroe County. The project includes removal of the existing asphalt surface, conditioning of the underlying aggregate base, placement of a two-course asphalt surface, pavement markings, and reinstallation of salvaged concrete bumper blocks.

Ladies and Gentlemen:

The undersigned bidder hereby affirms that:

1. The proposal is in all respects fair and without any collusion or fraud.
2. The undersigned have examined the site of the proposed project and have made a personal investigation and estimate of quantities.
3. The undersigned will contract to furnish all labor, equipment, tools and material necessary for the complete construction of the above described project at the unit prices stated on the attached bid forms and to complete the work in the time specified to the satisfaction of Raisinville Township.

Company: \_\_\_\_\_

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

City, State, ZIP: \_\_\_\_\_

Telephone: \_\_\_\_\_

By: \_\_\_\_\_

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

Email: \_\_\_\_\_

Date: \_\_\_\_\_

NOTE: If the bidder is a co-partnership, each member must sign the proposal.

Corporations must execute the proposal by duly authorized officers in accordance with Articles of Incorporation.

INSTRUCTIONS TO BIDDERS  
and  
GENERAL CONDITIONS

The Michigan Department of Transportation 2020 Standard Specifications for Construction are incorporated as part of these bidding documents and shall govern except as provided in the Invitation to Bid, Instructions to Bidders and General Conditions, Proposal, Contract, Supplemental Specifications, Special Provisions and Plans. References to the Department in the Michigan Department of Transportation 2020 Standard Specifications for Construction shall for this project mean Raisinville Township, hereinafter referred to as "Owner," unless otherwise specified.

OWNER

The Owner of the project is Raisinville Township.

ENGINEER

The Engineer is the individual assigned by Raisinville Township to be in charge of the project. The individual assigned as the Engineer shall be an employee of The Mannik & Smith Group, Inc.

BIDDER

The Bidder is one who submits a signed bid with the required documentation directly to the Owner at the time and place specified.

BID FORMS

Sealed proposals must be submitted on the bid forms furnished by the Owner. **The proposal shall be submitted in its entirety with no modifications or changes except as authorized by an addendum and with no pages removed.** Unit prices as listed will govern in determining the correct total of the bid. All proposals must be filled out in ink or typewritten and shall be legibly signed, giving the complete name and address of the Bidder.

All bids must be in a sealed envelope and clearly marked "**Bid for Parking Lot Resurfacing Project.**"

BIDDER'S SURETY

The proposal must be accompanied by a cashier's check, certified check, or a bid bond made payable to Raisinville Township, in the sum of five percent (5%) of the amount of the bid. Upon awarding and signing of a contract, or in the event of bid rejection, such bid surety will be returned to the Bidder. Bids may be held for a period of sixty (60) days.

INTERPRETATION AND ADDENDA

All questions about the meaning or intent of the Bidding Documents are to be directed to the Engineer. Interpretation or clarification considered necessary by the Engineer to such questions will be issued by Addenda delivered to all parties recorded by the Engineer as having received the Bidding Documents. Questions received less than seven days prior to the date for opening the bids may not be answered. Only questions answered by formal written Addenda are binding. Oral and other interpretations or clarifications will be without legal effect.

OPENING OF BIDS

Bids will be received at the Office of the Clerk at the Raisinville Township Hall, 96 Ida Maybee Road, Monroe, Michigan, 48161, until **2:00 p.m. local time on Thursday, December 12, 2024.** As soon as reasonably practical following the receipt of the bids, they will be publicly opened and read aloud in the Board Chambers.

### REJECTION OF BIDS

The Owner reserves the right to reject any or all bids, including without limitation the right to reject any or all nonconforming, nonresponsive, unbalanced, or conditional bids and to reject the bid of any Bidder if the Owner believes that it would not be in the best interest of the project to make an award to that Bidder, whether because the bid is not responsive or if the Bidder is unqualified or of doubtful financial ability or fails to meet any pertinent standards or criteria established by the Owner. The Owner also reserves the right to waive all informalities in any bid should it be deemed in the best interest of the Owner to do so. Discrepancies between the multiplication of units of work and the unit prices will be resolved in favor of the unit price. Discrepancies between the indicated sum of any column of figures and the correct sum will be resolved in favor of the correct sum. Discrepancies between words and figure will be resolved in favor of words.

### CONTRACT EXECUTION

The Bidder to whom the contract is awarded shall, within ten (10) calendar days after notice of award, enter into a written contract with the Owner and furnish bonds and proof of insurance as hereinafter specified. Failure to execute the contract or furnish satisfactory bonds and proof of insurance will be considered cause for annulment of award and forfeiture of the Bidder's surety. Following the execution of the contract, the Bidder shall become known as the Contractor.

### PERFORMANCE AND LIEN BONDS

The successful Bidder to whom the contract is awarded shall furnish two (2) surety bonds as follows:

Performance Bond – To the Township Board of Raisinville Township, 96 Ida Maybee Road, Monroe, Michigan, 48161 for the faithful fulfillment of the terms of the contract in the amount of one-hundred (100) percent of the contract amount.

Lien Bond – To the Township Board of Raisinville Township, 96 Ida Maybee Road, Monroe, Michigan, 48161 for the payment of all labor and materials used in the work in the amount of one-hundred (100) percent of the contract amount.

### MAINTENANCE BOND

After the project is completed and accepted by the Owner but prior to final payment, the Contractor shall secure a two (2) year Maintenance Bond in the amount of twenty-five (25) percent of the final construction cost rounded off to the nearest thousand dollars.

Subsequent to completion of construction, the Engineer will conduct a final inspection of the project to determine whether or not the improvements have been properly constructed. The two (2) year term of the bond will begin on the final inspection date provided that at that time, all improvements meet the required standard.

### INCREASED OR DECREASED QUANTITIES

The Owner reserves the right to increase or decrease quantities from those originally estimated, and such changes will be paid for at the unit price bid so long as the total contract amount is not changed more than ten (10) percent. Changes in excess of that amount will be individually negotiated.

### TIME OF COMPLETION

All contract work shall be completed on or before **Friday, August 1, 2025**. All work shall be conducted during normal daytime hours unless otherwise approved by the Engineer. Normal daytime hours are considered to be Monday through Saturday from 7 a.m. to 7 p.m. No work shall be conducted during holiday periods, as defined in subsection 101.03 of the Standard Specifications for Construction, or on Election Days, as defined by the Clerk of Raisinville Township.

#### FAILURE TO COMPLETE ON TIME

Liquidated damages will be assessed in accordance with subsection 108.10 of the Standard Specifications for Construction, except that all references to seasonal limitations will not apply. Liquidated damages will continue to be assessed each calendar day after the contract project completion date until all work on the project is completed, even if those days extend beyond any seasonal limitations.

#### PAYMENTS TO CONTRACTOR

Payments will be made to the Contractor on the 30th day of each month. The Owner will make a partial payment to the Contractor on the basis of an estimate, prepared by the Engineer, of the work performed on the project during the preceding period, less a five (5) percent retainer.

#### FINAL INSPECTION, ACCEPTANCE AND FINAL PAYMENT

The Engineer will make a final inspection of all work included in the contract and notify the Contractor of defects to be remedied prior to final acceptance. The Contractor is required to provide unconditional waivers of lien from all subcontractors and suppliers before preparing a final estimate. Upon satisfactory completion of the work by the Contractor, a final estimate will be prepared. Payment for all work completed and accepted, less previous payments, will be made within thirty (30) days of final acceptance.

#### DISPUTES

The Engineer's written decision on any question arising under the contract between the Owner and Contractor shall be final and binding upon both the Owner and the Contractor in the absence of fraud, bad faith, or abuse of discretion.

#### ARBITRATION

All claims, disputes and other matters in question between the Owner and the Contractor arising out of, or relating to, the Contract Documents or the breach thereof (except for claims which have been waived by the making or acceptance of final payment) will be decided by arbitration in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association then obtaining subject to the limitations of this section. This agreement to arbitrate and any other agreement or consent to arbitrate entered in accordance herewith will be specifically enforceable under the prevailing laws of any court having jurisdiction.

No demand for arbitration of any claim, dispute or other matter that is required to be referred to Engineer initially for decision will be made until the earlier of (a) the date on which Engineer has rendered a decision or (b) the tenth day after the parties have presented their evidence to Engineer if a written decision has not been rendered by Engineer before that date. No demand for arbitration of any such claim, dispute or other matter will be made later than thirty (30) days after the date on which Engineer has rendered a written decision in respect thereof; and the failure to demand arbitration within said thirty (30) days' period shall result in Engineer's decision being final and binding upon Owner and Contractor. If Engineer renders a decision after arbitration proceedings have been initiated, such decision may be entered as evidence but will not supersede the arbitration proceedings, except where the decision is acceptable to the parties concerned. No demand for arbitration of any written decision of Engineer will be made later than ten (10) days after the party making such demand has delivered written notice of intention to appeal.

Notice of the demand for arbitration will be filed in writing with the other party to the Agreement and with the American Arbitration Association, and a copy will be sent to Engineer for information. The demand for arbitration will be made within the thirty (30) day or ten (10) day period specified above as applicable, and in all other cases within a reasonable time after the claim, dispute or other matter in question has arisen, and in no event shall any such demand be made after the date when institution of legal or equitable proceedings based on such claim, dispute or other matter in question would be barred by the applicable statute of limitations.

No arbitration arising out of or relating to the Contract Documents shall include by consolidation, joinder or in any other manner any other person or entity who is not a party of this contract unless:

- a) the inclusion of such other person or entity is necessary if complete relief is to be afforded among those who are already parties to the arbitration;
- b) such other person or entity is substantially involved in a question of law or fact which is common to those who are already parties to the arbitration and which will arise in such proceedings, and;
- c) the written consent of the other person or entity sought to be included and of Owner and Contractor has been obtained for such inclusion, which consent shall make specific reference to this paragraph; but no such consent shall constitute consent to arbitration of any dispute not specifically described in such consent or to arbitration with any party not specifically identified in such consent.

Notwithstanding the above paragraph, if a claim, dispute or other matter in question between Owner and Contractor involves the Work of a Subcontractor, either Owner or Contractor may join such Subcontractor as a party to the arbitration between Owner and Contractor hereunder. Contractor shall include in all subcontracts a specific provision whereby the Subcontractor consents to being joined in arbitration between Owner and Contractor involving the Work of such Subcontractor. Nothing in this paragraph nor in the provision of such subcontract consenting to joinder shall create any claim, right or cause of action in favor of Subcontractor and against Owner or Owner's Consultants that does not otherwise exist.

The award rendered by the arbitrators will be final, judgment may be entered upon it in any court having jurisdiction thereof, and it will not be subject to modification or appeal.

#### ASSIGNMENT CLAUSE

The contract between the Owner and the Contractor may not be assigned to a third party without the written consent of the Owner.

#### PROGRESS SCHEDULE

In no case shall any work be commenced prior to the receipt of a Notice of Award.

The low bidder for the work covered by this proposal will be required to meet with the Owner and Engineer to review the Contractor's proposed schedule. The date and time for this meeting will be set within (1) week after the low bidder is determined. The Engineer will arrange the time and place for the meeting.

#### TAXES

The Contractor shall include, and will be deemed to have included, in its base bid and contract price all applicable Michigan Sales and Use taxes which have been enacted into law as of the date the bid is submitted.

#### PERMITS

The Contractor is responsible for securing all relevant permits associated with the work. At this time, it is anticipated that the only necessary permit will be for incidental work within the Ida Maybee Road and Dixon Road rights-of-way from the Monroe County Road Commission. Permit costs shall be incorporated into other items of work and will not be paid separately.

#### OWNER'S RESPONSIBILITY

The Owner shall not supervise, direct or have control or authority over, nor be responsible for, Contractor's means, methods, techniques, sequences or procedures of construction or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with laws and regulations applicable to the furnishing or performance of the work unless otherwise specified in the Special Provisions. Owner will not be responsible for Contractor's failure to perform or furnish the Work in accordance with the Contract Documents.

## INDEMNIFICATION, DAMAGE LIABILITY, AND INSURANCE

All insurance policies and binders shall include the following endorsements, verbatim:

“ADDITIONAL INSURED: The Board of County Road Commissioners of the County of Monroe, the Monroe County Road Commission and its officers, agents and employees, the Township Board of Raisinville Township and its officers, agents and employees, and The Mannik & Smith Group, Inc. and its officers, agents, and employees.

“Provide written notice ten (10) days prior to cancellation, expiration, termination or reduction in coverage for nonpayment of the premium and written notice thirty (30) days prior to the cancellation, expiration, termination or reduction in coverage for all other reasons.”

## SPECIFICATIONS

All work not otherwise specified shall be done in accordance with the Michigan Department of Transportation 2020 Standard Specifications for Construction. Within these specifications all references to the Michigan Department of Transportation shall mean the Owner.

## SPECIAL PROVISIONS, NOTES AND DETAILS, AND SUPPLEMENTAL SPECIFICATIONS

- Indemnification, Damage Liability and Insurance
- HMA Application Estimate
- Maintaining Traffic
- Errata to the 2020 Standard Specifications (available online at [www.michigan.gov/mdot](http://www.michigan.gov/mdot))

The above documents are enclosed for reference or available online, as noted.

The following pay items shall be constructed in accordance with the 2020 Michigan Department of Transportation Standard Specifications for Construction, except as modified by the plans, special provisions, and comments below. The following notes are provided for clarification to assist bidders with the preparation of bids:

HMA Surface, Rem: This work consists of removing the existing asphalt surface, and portions of the underlying aggregate base as necessary, to the depth required to construct the proposed cross section shown on the plans, and providing clean sawcuts at the limits of such removals where adjacent to existing pavement which is to remain. The type of equipment which is to be utilized for the removal operations is not specified.

Aggregate Base, Conditioning: This work consists of preparing and compacting the underlying aggregate base layer to the grade required in order to construct the cross section as shown on the plans. Costs of providing additional aggregate required to construct the proposed cross section, up to 2 inches in thickness, is included in the bid price for this item. Aggregate utilized shall be crushed limestone meeting the gradation specifications of 21AA. The proposed aggregate surface shall be installed to provide a finished asphalt parking lot surface at the same line and grade as it currently exists, with no substantial modifications to the existing drainage patterns.

Pavt Mrkg, Waterborne, 4 inch: This work consists of witnessing the existing parking stall layout, dimensions, and hatched areas, and providing yellow or blue paint of the width specified to reproduce the lines in the standard and accessible parking spaces following the completion of the asphalt paving work. Lines and hatched areas will be measured along the centerlines of the lines in place.

Bumper Block, Salvage and Reinstall: This work includes the removal of the existing precast concrete bumper blocks and steel pins from their places in the existing parking lot, temporarily storing the bumper blocks on site at a location directed by the Owner, disposal of the existing steel pins, and reinstallation at their original locations using new steel pins. Should the existing bumper blocks break during the removal and reinstallation process rendering them unusable in the opinion of the Owner, the cost of furnishing new bumper blocks will be paid for as extra work.

### UTILITY COORDINATION

The Contractor shall cooperate and coordinate construction activities with the owners of utilities as stated in subsection 104.08 of the Standard Specifications for Construction. In addition, for the protection of underground utilities, the Contractor shall follow the requirements in subsection 107.12 of the Standard Specifications for Construction. Contractor delay claims, resulting from a utility, will be determined based upon subsection 108.09 of the Standard Specifications for Construction.

For the protection of underground utilities, the contractor shall notify "Miss Dig" at 1-800-482-7171 or 811, a minimum of three working days, excluding weekends or holidays prior to excavating and otherwise fully comply with the provisions of Public Act 174 of 2013, as amended. Miss Dig members will thus be routinely notified. This does not relieve the Contractor of the responsibility of notifying utility owners who may not be part of the Miss Dig system.

The Contractor shall conduct operations in such a manner as to ensure that those utilities not requiring relocation will not be disturbed.

### COMMUNICATIONS

Any questions regarding this bid shall be directed to the person listed below:

Name: Mark J. Mathe, PE  
Phone: (734) 289-2200 x4008  
Email: mmathe@manniksmithgroup.com



**UNIT PRICE CONTRACT  
PARKING LOT RESURFACING PROJECT**

TO: The Township Board of Raisinville Township

The undersigned, having full knowledge of the site, proposal, plans and specifications for the **Parking Lot Resurfacing Project** in Raisinville Township, Monroe County, Michigan including Bidders' Addenda \_\_\_\_\_, and the conditions of these Contract Documents, hereby agrees to furnish all services, labor, materials, tools, equipment, transportation, and incidentals necessary to perform the entire Work; to complete the contract by the date specified in the Instructions to Bidders and General Provisions, according to the Proposal, Plans and Specifications, and to accept in full, compensation for all work necessary to complete the project at the unit prices named below:

<b>UNIT PRICE WORK</b>					
Item Code	Item Description	Approx. Quantity	Unit	Unit Price	Bid Amount
1100001	Mobilization, Max \$5,000.00	1.00	LSUM	\$	\$
3020050	Aggregate Base, Conditioning	1,400.00	Syd	\$	\$
5010005	HMA Surface, Rem	1,400.00	Syd	\$	\$
5012024	HMA, 4EL	170.00	Ton	\$	\$
5012036	HMA, 5EL	125.00	Ton	\$	\$
8027050	_ Bumper Block, Salvage and Reinstall	21.00	Ea	\$	\$
8110232	Pavt Mrkg, Waterborne, 4 inch, Yellow	362.00	Ft	\$	\$
8117001	_ Pavt Mrkg, Waterborne, 4 inch, Blue	120.00	Ft	\$	\$
8117050	_ Pavt Mrkg, Waterborne, ADA Symbol, Blue	2.00	Ea	\$	\$
8127051	_ Maintaining Traffic	1.00	LSUM	\$	\$
<b>Total Bid =</b>					<b>\$</b>

TOTAL OF BID: \_\_\_\_\_

Use words

\_\_\_\_\_ Dollars

Contractor Signature: \_\_\_\_\_

Printed Name and Title: \_\_\_\_\_

Quantities are not guaranteed. Final payment will be based on actual quantities.

Bidder agrees that the work will be completed and ready for final payment in accordance with the General Conditions. All work on the **Parking Lot Resurfacing Project** to be completed by **Friday, August 1, 2025** and as detailed in the Time of Completion section above.

Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the work on time.

The following documents are attached to and made a condition of this Bid:

Required Bid Security in the form of either:

Certified Check or a Bidder's Bond in the amount of:

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

Communications concerning this Bid shall be addressed to the Bidder's representative.

Name of Representative: \_\_\_\_\_

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

City, State, ZIP: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

The terms used in this Bid, which are defined in subsection 101.03 of the Michigan Department of Transportation 2020 Standard Specifications of the Construction, have the meanings assigned to them in the Standard Specifications for Construction.

SUBMITTED on: \_\_\_\_\_, 2024.

If Bidder is:

An Individual

By: \_\_\_\_\_ (SEAL)  
Individual's Name

Doing Business As: \_\_\_\_\_

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

Phone No.: \_\_\_\_\_

A Partnership

By: \_\_\_\_\_ (SEAL)  
Firm Name

\_\_\_\_\_  
General Partner

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

Phone No.: \_\_\_\_\_

A Corporation

By: \_\_\_\_\_ (Corporate SEAL)  
Corporate Seal

\_\_\_\_\_  
State of Incorporation

By: \_\_\_\_\_  
Name of Person Authorized to Sign

\_\_\_\_\_  
Title

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

\_\_\_\_\_

Phone No.: \_\_\_\_\_

A Joint Venture

By: \_\_\_\_\_  
Name

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

\_\_\_\_\_

Phone No.: \_\_\_\_\_

By: \_\_\_\_\_  
Name

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

\_\_\_\_\_

Phone No.: \_\_\_\_\_

(Each joint venture member must sign. The manner of signing for each individual, partnership and corporation that is a party to the joint venture should be in the manner indicated above.)

**RAISINVILLE TOWNSHIP**  
**PARKING LOT RESURFACING PROJECT**  
**PROPOSAL ATTACHMENTS**

1. Indemnification, Damage Liability and Insurance
2. HMA Application Estimate
3. Maintaining Traffic

RAISINVILLE TOWNSHIP  
SPECIAL PROVISION  
FOR  
**INDEMNIFICATION, DAMAGE LIABILITY AND INSURANCE**

MSG:MJM

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04-08-16

The Contractor shall comply with the following:

**a. Indemnification.** The Contractor agrees to save harmless, indemnify, defend and represent the Board of County Road Commissioners of the County of Monroe, the Township Board of Raisinville Township, The Mannik & Smith Group, Inc., and their officers, agents and employees against any and all claims for bodily injury or property damage, or any other claim arising out of or related to the work covered by the contract or for any other work done whether or not specifically authorized or in conformance with the description of the work for which the contract was executed. The Contractor's aforementioned indemnity, hold harmless and release agreement shall not be applicable to any liability caused by the sole negligence or willful misconduct of the Monroe County Road Commission, Raisinville Township, The Mannik & Smith Group, Inc., or their officers, agents or employees. The Contractor agrees and understands that the obligations set forth herein are binding upon their subcontractors, successors, transferors, assignors, sureties, and guarantors.

**b. Worker's Compensation Insurance.** The Contractor shall certify before the execution of the contract that the Contractor carries Worker's Compensation Insurance per the statutory limits, subject to a minimum limit of \$100,000.

**c. Bodily Injury and Property Damage.** The Contractor, before execution of the contract, shall file with the Engineer copies of completed certificates of insurance, as evidence that the Contractor carries adequate insurance, satisfactory to the Engineer, to afford protection against all claims for damages to public or private property, and injuries to persons, arising out of and during the progress of the work, and to its completion and, where specified in the proposal, similar insurance to protect the owner of premises on or near which construction operations are to be performed.

1. General Liability and Contractual Liability – Bodily Injury and Property Damage. Unless otherwise specifically required by special provisions in the proposal, the minimum limits of property damage and bodily injury liability covering each contract shall be:

Property Damage Liability:  
Each Occurrence .....\$2,000,000  
Aggregate .....\$2,000,000

Bodily Injury Liability:  
Each Person .....\$2,000,000  
Each Occurrence .....\$2,000,000

The requirements above may be met through an umbrella policy. The insurance shall include, but not be limited to, coverage for:

A. Damage to underground facilities due to drilling, boring and excavating with mechanical equipment, and

B. Collapse or structural injury to structures due to blasting or explosion, excavation, tunneling, pile driving, cofferdam work, or building moving or demolition.

2. Automobile Liability, Bodily Injury and Property Damage. Unless otherwise specifically required by special provisions in the proposal, the minimum limits of property damage and bodily injury liability covering each contract shall be:

Bodily Injury Liability:

Each Person .....	\$2,000,000
Each Occurrence .....	\$2,000,000

Property Damage:

Per Accident .....	\$1,000,000
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3. Owners Protective Liability. Bodily injury or death and property damage protection, including general supervision of work performed and including coverage for cost of defense of such claims, shall be extended to the Monroe County Road Commission, Raisinville Township, The Mannik & Smith Group, Inc., and the officers, agents and employees thereof, and, where shown, identity of the contracting parties, the protection shall be extended to all participating political subdivisions and public corporations. The minimum limit shall be \$1,000,000.

**d. Notice.** The Contractor shall not cancel or reduce the coverage of any insurance required by this special provision without providing 30-day prior written notice to the Owner. All insurance policies and binders must include an endorsement by which the insurer shall agree to notify the Owner, in writing, immediately of any cancellation or reduction in the insurance coverage. The Contractor shall cease operations if any insurance is canceled or reduced, and shall not resume operations until new insurance is in force.

All insurance policies and binders must also include endorsements by which the insurer shall agree to provide the Owner, in writing, the following:

1. A thirty (30) day prior notice of any insurer initiated cancellation, expiration, termination or reduction in coverage for reasons other than nonpayment of the premium.
2. A ten (10) day prior notice of any cancellation, expiration, termination or reduction in coverage for nonpayment of the premium.

**e. Reports.** The Contractor or insurance carrier shall report to the Engineer claims received, inspections made and disposition of claims. The Owner will withhold the final estimate or reserve until either the Contractor pays the claim or until final disposition of the claim by the Contractor's insurance company has been received by the Owner.

**f. Endorsements.** All insurance policies and binders shall include the following endorsements, verbatim:

“ADDITIONAL INSURED: The Board of County Road Commissioners of the County of Monroe and its officers, agents and employees, the Township Board of Raisinville Township and its

officers, agents and employees, and The Mannik & Smith Group, Inc. and its officers, agents and employees.

“Provide written notice ten (10) days prior to cancellation, expiration, termination or reduction in coverage for nonpayment of the premium and written notice thirty (30) days prior to the cancellation, expiration, termination or reduction in coverage for all other reasons.”



RAISINVILLE TOWNSHIP  
SPECIAL PROVISION  
FOR  
**HMA APPLICATION ESTIMATE**

MSG:MJM

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06-03-24

**a. Description.** The hot mix asphalt (HMA) work shall be done in accordance with the requirements of Division 5 of the Standard Specifications for Construction and as herein specified.

**b. Materials.** The materials and estimated application rates shall be as follows:

The base course mixture for this project shall be HMA, 4EL with an estimated yield of 220 pounds per square yard. The target air voids for the base course mixture shall be 3.0%, and the Performance Graded (PG) asphalt binder shall be PG 58-28.

The wearing course mixture for this project shall be HMA, 5EL with an estimated yield of 165 pounds per square yard. The target air voids for the wearing course mixture shall be 3.0%, and the Performance Graded (PG) asphalt binder shall be PG 58-28.

Asphalt mixtures used on this project may not contain more than 30% Reclaimed Asphalt Pavement (RAP).

The Aggregate Wear Index for the wearing course mixture shall be 260 minimum.

The bond coat material shall be emulsified asphalt SS-1h conforming to the requirements of section 904 of the Standard Specifications for Construction. The uniform rate of application for the bond coat shall be 0.05 to 0.15 gallons per square yard.

**d. Measurement and Payment.** The completed work, as described, will be measured and paid for at the contract unit price using the following pay item:

<b>Pay Item</b>	<b>Pay Unit</b>
HMA, 4EL.....	Ton
HMA, 5EL.....	Ton

Measurement and payment shall be in accordance with subsection 501.04 of the Standard Specifications for Construction and as herein specified. No separate payment will be made for the bond coat material.

RAISINVILLE TOWNSHIP

SPECIAL PROVISION  
FOR  
**MAINTAINING TRAFFIC**

MSG:MJM

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04-08-16

**a. General.** Maintain traffic in accordance with sections 104.07, 104.11, 812 and 922 of the Standard Specifications for Construction, the Michigan Manual of Uniform Traffic Control Devices (MMUTCD) and any typicals or supplemental specifications in this proposal and project plans.

The Contractor shall be responsible for the protection of vehicular and pedestrian traffic, work in progress and construction workers in the Construction Influence Area through the implementation of procedures as described in this proposal, the MMUTCD, the Standard Specifications for Construction, and other applicable state and federal requirements.

The Contractor shall coordinate this work with any other contractors performing work within the Construction Influence Area or adjoining areas to avoid conflicts in the maintenance of traffic, construction signing, and the orderly progress of contract work. Monroe County Road Commission maintenance crews and/or contract maintenance agencies may perform maintenance work within or adjacent to the Construction Influence Area (CIA). The Road Commission and/or contract maintenance agency will coordinate their operations with the Engineer to minimize the interference to the Contractor. No additional payment will be made to the Contractor for the joint use of the traffic control items.

**b. Construction Influence Area.** The Construction Influence Area (CIA) shall consist of the Raisinville Township Hall property and surrounding areas. The CIA shall extend approximately one-half mile in each direction from the Raisinville Township Hall property on Ida Maybee Road and Dixon Road to warn motorists of construction ahead and allow areas to place temporary construction signage.

**c. Time Restrictions.** All work shall be conducted during normal daytime hours unless otherwise approved by the Engineer. Normal daytime hours are considered to be Monday through Saturday from 7 a.m. to 7 p.m.

No work shall be performed or shoulder closures permitted within the Ida Maybee Road right-of-way from 3:00 p.m. on the day before until 7:00 a.m. the day after the following holidays as defined by the Engineer: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

No work shall be performed, and full access to the Raisinville Township Hall parking lots shall be open to vehicles and pedestrians, on Election Days as defined by the Clerk of Raisinville Township.

**d. Traffic Restrictions.** The traffic restrictions described in this special provision apply to all work with the CIA unless otherwise specified.

The Contractor shall maintain traffic within the Ida Maybee Road and Dixon Road rights-of-way according to Michigan Department of Transportation (MDOT) Maintaining Traffic Typical 122-NFW-SHL-(R), which is enclosed in this package. If desired, the contractor may place single lane closures to maintain two-way, one lane traffic with traffic regulator control and appropriate signage in accordance with Maintaining Traffic Typical 110-TR-NFW-2L and Monroe County Road Commission standards. Additional costs associated with this work shall be included in the item **Maintaining Traffic**.

The Owner may request that the Contractor have certain areas open for special events during the construction time frame as outlined. These dates will be made available to the Contractor at or before the preconstruction meeting. Costs associated with accommodating special events shall be included in the item **Maintaining Traffic**.

The Contractor shall notify the Engineer a minimum of 7 days prior to the implementation of shoulder and drive entrance closures.

Maintain access for emergency vehicles at all times. The Contractor will be required to assist emergency vehicles (fire, ambulance, police) in gaining access into the work zone at all times without exception.

**e. Traffic Control Devices.** All traffic control devices shall conform to the Michigan Manual of Uniform Traffic Control Devices (MMUTCD), 2011 Edition, as updated.

All signs shall be 4 feet by 4 feet with black legends on reflectorized orange backgrounds, unless otherwise noted.

All temporary signing shall be installed on supports as shown on Special Detail WZD-125-E.

Signing for a shoulder closure shall be in accordance with Maintaining Traffic Typical 122-NFW-SHL-(R).

Road Closed (R11-2) signs have been provided, in the signage quantities, to allow for the closure of entrance drives and parking area accesses as the Contractor progresses with the work.

Channelizing devices used on this project will be 42 inch channelizing devices. The Contractor will be responsible for protecting the work area and must supply the necessary traffic control devices apart from those called for on the plans to delineate the work area from the adjacent property.

All channelizing devices used on this project shall have sufficient ballast to prevent the devices from moving or tipping. If moving or tipping of devices occurs as the result of wind generated by traffic or occurring naturally, the Contractor will be required to place additional ballast on the devices at no additional cost.

All construction signing shall be covered or removed during the times they do not apply.

The Contractor shall relocate all traffic control devices, including temporary signs and channelizing devices, as work progresses.

Following is an estimate of the type and number of Type B temporary signs needed for this project:

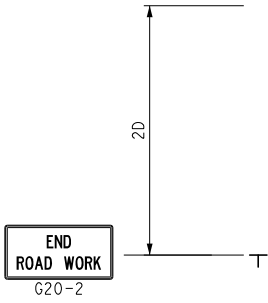
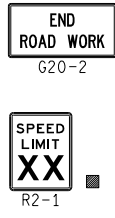
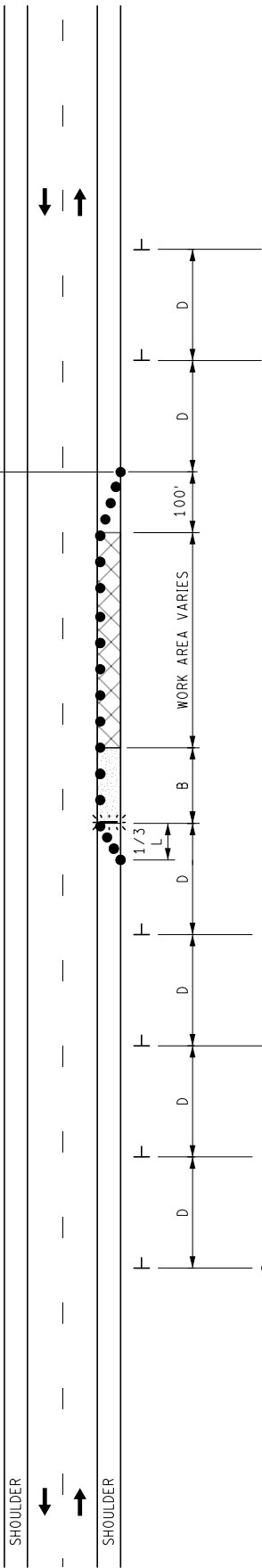
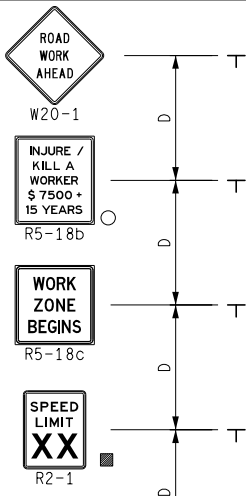
<b>SIGN</b>	<b>DESCRIPTION</b>	<b>SIZE</b>	<b>QTY.</b>	<b>AREA (SFT)</b>
G20-2	END ROAD WORK	24" x 48"	2	16
R2-1	SPEED LIMIT 45	36" x 48"	2	24
R5-18b	INJURE / KILL A WORKER \$7500 + 15 YEARS	48" x 60"	2	40
R5-18c	WORK ZONE BEGINS	48" x 48"	2	32
R11-2	ROAD CLOSED	30" x 48"	2	20
W20-1	ROAD WORK AHEAD	48" x 48"	2	32
W21-5b	RIGHT SHOULDER CLOSED AHEAD	48" x 48"	2	32
<b>TOTAL AREA =</b>				<b>196</b>

**f. Measurement and Payment.** The completed work, as described, will be measured and paid for at the contract unit price using the following pay item:

<b>Pay Item</b>	<b>Pay Unit</b>
Maintaining Traffic .....	Lump Sum

**Maintaining Traffic** includes the cost of the following:

1. Providing, installing, maintaining, relocating, and removing temporary traffic control devices during and/or between each zone/phase of the project; and
2. Maintaining local traffic and access to the buildings within the CIA.



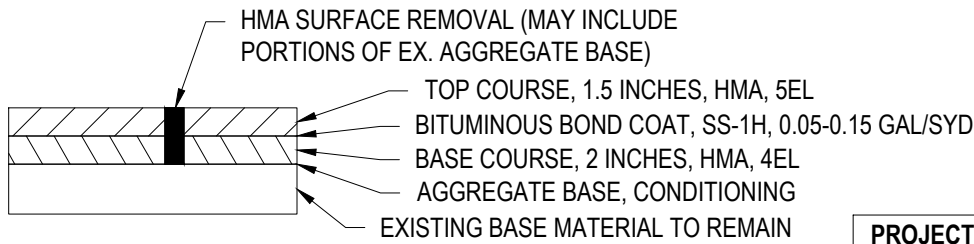
POST W16-4aP WHEN SHOULDER CLOSURE EXCEEDS 1 MILE IN LENGTH

**KEY**

- CHANNELIZING DEVICES
- ⚡ LIGHTED ARROW PANEL (CAUTION MODE)
- ← TRAFFIC FLOW
- REFLECTS EXISTING SPEED LIMIT
- PLACE SIGN AS INDICATED IN NOTE S2

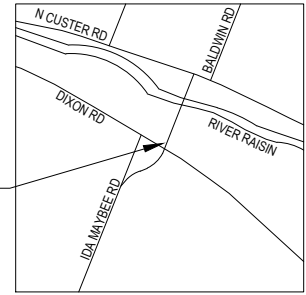
**STANDARD NOTES**

(SEE 102-GEN-NOTES)  
 GENERAL: G1, G2, G3, G4  
 SIGNING: S1, S2, S3, S5  
 DEVICES: TCD1, TCD2, TCD6, TCD7



**PARKING AREA PAVEMENT SECTION**  
N.T.S.

**PROJECT LOCATION**



**LOCATION MAP**  
SCALE: 1" = 5000'



**SITE PLAN**  
SCALE: 1" = 50'

**ESTIMATED QUANTITIES**

HMA SURFACE, REM	1,400	SYD
AGGREGATE BASE, CONDITIONING	1,400	SYD
HMA, 4EL	170	TON
HMA, 5EL	125	TON
PAVT MRKG, WATERBORNE, 4 INCH, YELLOW	362	FT
PAVT MRKG, WATERBORNE, 4 INCH, BLUE	120	FT
PAVT MRKG, WATERBORNE, ADA SYMBOL, BLUE	2	EA
BUMPER BLOCK, SALVAGE AND REINSTALL	21	EA

**PAVEMENT CORE DATA**

CORE	HMA (IN)	AGGREGATE BASE (IN)
1	2.75	12+
2	2.25	12+
3	3	UNKNOWN
4	3.25	6
5	1.75	UNKNOWN



PREPARED FOR:  
**RAISINVILLE TOWNSHIP**

**RAISINVILLE TOWNSHIP HALL  
PARKING LOT RESURFACING**

DATE: 11/01/2024  
PROJ. NO.: 2400993  
DRAWN BY: JWW  
REVISION: 1

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