

NAME OF CONTRACTOR: _____

**PROPOSAL AND SPECIFICATIONS
FOR**

**Do Not Separate
or Remove Sheets
From This Proposal**

COUNTY PRIMARY HOT MIX ASPHALT PAVING

MARCH 28, 2018

1. PH 3512 – OTSEGO TOWNSHIP – On 21st Street, 102nd Avenue (west) to 101st Avenue then east on 101st & 102nd Avenue to 16th Street – 2.96 miles
2. PH 3515 – CASCO TOWNSHIP – On Blue Star Highway (divided highway) from Baseline Road to south edge of round-a-bout at North Shore Drive – 0.48 mile
3. PH 3517 – LAKETOWN TOWNSHIP – On Blue Star Highway, I-196 east most ramp to 1.0-mile NE – 1.00 mile
4. PH 3519 – HOPKINS & MONTEREY TOWNSHIPS – On 128th Avenue, 28th Street to the west village limits of Hopkins – 2.58 miles
5. PH 3521 – ALLEGAN, HEATH, MONTEREY & VALLEY TOWNSHIPS – On 36th Street, 122nd Avenue to 125th Avenue – 1.56 miles
6. PH 3523 – DORR TOWNSHIP – On 22nd Street, 146th Avenue to 108th Street – 0.96 mile
7. PH 3525 – GANGES TOWNSHIP – On 114th Avenue, Blue Star Highway to the I-196 overpass – 0.46 mile
8. PH 3527 – GUN PLAIN & MARTIN TOWNSHIPS – On 112th Avenue, 2nd Street to Marsh Road – 0.72 mile
9. PH 3529 – MARTIN TOWNSHIP – On Patterson Road, 124th Avenue to the Barry County Line – 0.40 mile
10. PH 3532 – ALLEGAN TOWNSHIP – On 122nd Ave, Dumont Road to 30th Street – 1.86 miles
11. ALLEGAN COUNTY ROAD COMMISSION – Allegan Garage parking lot paving.

ALLEGAN COUNTY ROAD COMMISSION

ADVERTISEMENT FOR BIDS

COUNTY PRIMARY HOT MIX ASPHALT PAVING

Sealed bids will be received by the Allegan County Road Commission at their office at 1308 Lincoln Road (M89), Allegan, Michigan until 11:00 A.M., E.D.T., Wednesday, March 28, 2018, and at such time be publicly opened and read aloud for the following:

I. HOT MIX ASPHALT PAVEMENT

Hot Mix Asphalt paving (Michigan Department of Transportation Specification No. 4E1 and Ultra-Thin in Allegan, Casco, Dorr, Ganges, Gun Plain, Heath, Hopkins, Laketown, Martin, Monterey, Otsego and Valley Townships.

Complete specifications and bid forms are available at the Road Commission office and the Road Commission website www.alleganroads.org under the Projects link.

Bidders must be prequalified by the Michigan Department of Transportation to perform Paving Construction.

All bids must be submitted on forms furnished by the Road Commission and sealed in envelopes with the name and address of the bidder, and the item bid upon clearly marked thereon.

BID DEPOSIT of at least 5% of the bid amount will be required for each project bid upon. A single bid check may be submitted to cover all projects bid. The Bid Deposit may be in the form of Certified Check, Cashier's Check, or Bid Bond.

The Commission reserves the right to reject any or all bids, to waive minor technicalities, and to accept the bid that is deemed to be in the best interest of the County of Allegan.

BOARD OF COUNTY ROAD COMMISSIONERS
OF ALLEGAN COUNTY, MICHIGAN

Robert Kaarlie, Chairman
John Kleinheksel, Vice-Chairman
James Rybicki – Member

THE CONTRACT

The Contract Documents consist of the bid documents, this Agreement, Conditions of the Contract (General, Supplementary, Special and other Conditions), Drawings, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement and Modifications issued after execution of this Agreement; these form the Contract, and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. If anything in the other Contract Documents is inconsistent with this Agreement, this Agreement shall govern.

The undersigned bidder agrees that the following is a complete and accurate list of all sub-contractors to be utilized if awarded this contract and any change from this list shall be permitted only with the consent of the Board of County Road Commissioners of Allegan County. **LIST THE NAME OF EACH SUB-CONTRACTOR WITH A BRIEF DESCRIPTION OF WORK TO BE DONE.**

I hereby state that all of the information I have provided is true, accurate and complete. I hereby state that I have the authority to submit this bid which will become a binding contract if accepted by the Board of County Road Commissioners of Allegan County. I hereby state that I have not communicated with nor otherwise colluded with any other bidder, nor have I made any agreement with nor offered or accepted anything of value from an official or employee of the Board of County Road Commissioners of Allegan County that would tend to destroy or hinder free competition.

In case the bidder is a co-partnership, each member must sign this proposal.

In case the bidder is a Corporation, this proposal must be executed by its duly authorized officials in accordance with its articles of incorporation and a certified copy of such articles must be attached hereto.

I hereby state that I have read, understand and agree to be bound by all the terms of this bid document.

Signed: _____ Name: _____
(Please Print)

Title: _____ Date: _____

Firm Name: _____ Phone: _____

Address: _____
(Street Address) (State) (Zip)

FOR COUNTY USE ONLY – DO NOT WRITE BELOW

ACCEPTED BY: BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF ALLEGAN, MICHIGAN

Chairman

Vice-Chairman

Member

Date

ALLEGAN COUNTY ROAD COMMISSION

STANDARD PROVISIONS

SCOPE OF THE WORK

The work consists of furnishing and placing HMA and related items at ten (10) locations throughout the county. The contractor may bid on all or any number of the projects. The Board of Allegan County Road Commissioners reserves the right to make the award of projects to different contractors if it is in the best interest of the Road Commission. Each project will be awarded individually. All work will comply with the Michigan Occupational Safety and Health Act.

STANDARD SPECIFICATIONS

The Standard Specification for Construction of the Michigan Department of Transportation, 2012 Edition, hereinafter described as "Standard Specifications", shall apply unless noted otherwise in these Standard and Special Provisions.

HMA

This item includes furnishing, hauling, and placing the required HMA mixture as indicated below. This work will also include furnishing and applying bond coat, cleaning and sweeping as required and placing mixes around catch basins and downspouts. No additional payment will be made for HMA valley curb. HMA material used on driveways, side roads, and intersections will also be included in this item and paid for as the HMA mixture used, no additional payment will be made. Driveway construction may be single course over HMA drives and shall be two courses where the concrete approach is removed.

MIX DESIGNS

HMA ULTRA-THIN, _____ VOLUME

1. The Contractor shall submit a mix design and test results of the aggregates to be used at least two weeks before commencing paving. The mix design shall be submitted to an approved testing laboratory for design compliance tests. The Road Commission shall require a mix design in accordance with the MDOT "HMA Production Manual".
2. All mix designs must be approved by the Engineer.

HMA 4E1, MOD

1. The Contractor shall submit a mix design with a range of 5.0 to 8.0 percent (effective bitumen) of bitumen content. Target air voids of 3.0% through regression.
2. The limits for the bitumen content of range 1 shall be ± 0.30 from the optimum mix design.
3. **PG 64-28** Performance Grade Asphaltic Cement Bituminous Material shall be combined with the mineral aggregate when specified. If not specified, PG 64-22 shall be used.
4. The Contractor shall submit a mix design and test results of the aggregates to be used at least two weeks before commencing paving. The mix design shall be submitted to an approved testing laboratory for design compliance tests. The Road Commission shall require a mix design in accordance with the MDOT "HMA Production Manual".
5. All mix designs must be approved by the Engineer.

ROLLING OF THE HMA MIXTURE

Nuclear gauge testing requirements may be waived at the discretion of the Engineer; the rolling and compaction operation will be controlled by the "Number of Rollers Method" shown below.

Average Laydown Rate, Square Yards per Hour	Number of Rollers Required	
	Compaction Rollers	Finish Rollers
Less than 800	1	*1
800-1800	1	1
1800-4000	2	1
4000-7000	3	1

* The compaction roller may also be used as the finish roller.

METHOD OF PAYMENT FOR HMA MIXTURES

The item of "HMA Mixtures" will be paid for by the Ton.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
HMA 4E1, MOD	Ton
HMA Ultra-Thin, _____ Volume	Ton

SHOULDER, CI II, LM

This item will include all labor, material, and equipment to place and compact the material according to Section 307 of the Standard Specifications.

Dumping of material on the road metal or the shoulders and blading it onto the shoulder will not be permitted. A mechanical shouldering machine, power broom, and double drum roller will be required for this project. All equipment used is subject to the approval of the Engineer.

Any approach gravel required when shoulder gravel is specified will be paid for as Shoulder, CI II, LM.

METHOD OF PAYMENT FOR SHOULDER, CI II, LM

The item of "Shoulder, CI II, LM" will be paid for by the cubic yard, loose measure. If scales are available, the material will be weighted and a conversion based on 3,000 lb per cubic yard loose measure will be used.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Shoulder, CI II, LM	Cubic Yard

PAVEMENT FOR BUTT JOINTS, REM

When a butt joint is specified, the Contractor will mill the existing bituminous surface to the thickness of the proposed overlay. The material will be removed for the full width of the joint. The removal will be tapered up to the original surface over a distance specified by the Engineer. This item will also include disposing of the material milled.

METHOD OF PAYMENT FOR PAVEMENT FOR BUTT JOINTS, REM

The item of "Pavement for Butt Joints, Rem" will be paid for by the square yard.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Pavement for butt Joints, Rem	Square Yard

COLD MILLING HMA SURFACE

This item will include all equipment, material, and labor required to achieve a smooth surface over the area specified.

The HMA surface will be removed to the depth, width, grade, and cross-section specified. Backfill and compact according to Subsection 501.03.C.9, all depressions left by removal of material below the specified grade. All costs associated with this backfill and compaction will be borne by the contractor.

COLD MILLING HMA SURFACE (CON'T)

Immediately after cold-milling, clean the surface. Dispose of the material removed from the surface according to Subsections 204.03.B. Do not incorporate it into the HMA.

Cold-Milling Machines. Equipment must consistently remove the HMA surface, in one or more passes, to the required grade and cross section producing a uniformly textured surface. Machines must be equipped with all of the following:

- a. automatically controlled and activated cutting drums
- b. grade reference and transverse slope control capabilities
- c. an approved grade referencing attachment, not less than 30 feet in length. An alternate grade referencing attachment may be used if approved by the Engineer prior to use.

METHOD OF PAYMENT FOR COLD MILLING HMA SURFACE

The item of "Cold Milling HMA Surface" will be paid for by the square yard.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Cold Milling HMA Surface	Square Yard

VALVE BOX, ADJ

This item includes all equipment, labor, and material required to remove existing water valve boxes and reset them to match the final surface elevation of the HMA.

METHOD OF PAYMENT FOR VALVE BOX, ADJ

The item of "Valve Box, Adj" shall be paid for by the individual unit.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Valve Box, Adj	Each

PAVEMENT MARKING, WATERBORNE, 4-INCH, WHITE

This item will include all equipment, labor, and material required to place the pavement marking according to Section 811 of the Standard Specifications.

METHOD OF PAYMENT FOR PAVEMENT MARKING, WATERBORNE, 4-INCH, WHITE

The item of "Pavement Marking, Waterborne, 4-inch, White" shall be paid for by the linear foot.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Pavement Marking, Waterborne, 4-inch, White	Foot

PAVEMENT MARKING, WATERBORNE, 4-INCH, YELLOW

This item will include all equipment, labor, and material required to place the pavement marking according to Section 811 of the Standard Specifications.

METHOD OF PAYMENT FOR PAVEMENT MARKING, WATERBORNE, 4-INCH, YELLOW

The item of "Pavement Marking, Waterborne, 4-inch, Yellow" shall be paid for by the linear foot.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Pavement Marking, Waterborne, 4-inch, Yellow	Foot

MONUMENT BOX, ADJ

This item includes all equipment, labor, and material required to remove existing monument boxes and reset them to match the final surface elevation of the HMA. Any new boxes required will be furnished by the Allegan County Road Commission.

METHOD OF PAYMENT FOR MONUMENT BOX, ADJ

The item of "Monument Box, Adj" shall be paid for by the individual unit.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Monument Box, Adj	Each

PAVEMENT MARKING, TEMPORARY

This item includes furnishing all equipment, labor, and material required to place temporary pavement marking tape four (4) inches wide of the appropriate color. Marks shall be four (4) foot long and placed every 50 feet.

METHOD OF PAYMENT FOR PAVEMENT MARKING, TEMPORARY

The item of "Pavement Marking, Temporary" will be paid for by the 100' station.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Pavement Marking, Temporary	Station

FLAG CONTROL

This item will include all equipment, labor, and material to provide traffic control in the construction influence area. This item also includes all signing required for the flagger sequence as described in the Standard Specifications.

METHOD OF PAYMENT FOR FLAG CONTROL

The item of "Flag Control" will be paid for as a lump sum.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Flag Control	Lump Sum

TRAFFIC CONTROL DEVICES

This item will include all equipment, labor, and material to provide lighted arrows, cones, plastic drums, or any other traffic control devices required. Traffic control will be done in accordance with Standard Specifications and the Michigan Manual of Uniform Traffic Control Devices.

METHOD OF PAYMENT FOR TRAFFIC CONTROL DEVICES

The item of "Traffic Control Devices" will be paid for as a lump sum.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Traffic Control Devices	Lump Sum

TOPSOIL SHOULDER, LM

This item will include all labor, material, and equipment to place and strike off the material. Dumping of material on the road metal or the shoulder and blading it onto the shoulder will not be permitted. A mechanical shouldering machine and power broom will be required for this project.

All equipment used is subject to the approval of the Engineer. Topsoil will be clean, free of debris, stones, and sod. Topsoil will be subject to the approval of the Project Engineer. Topsoil shoulders will be compacted and raked.

METHOD OF PAYMENT FOR TOPSOIL SHOULDER

The item of "Topsoil Shoulder, LM" will be paid for by the cubic yard, loose measure.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Topsoil Shoulder	Cubic Yard

RESTORATION

This item will include all labor, material, and equipment required to seed with TDS mixture at the rate of 220 lb/acre, mulch, and mulch anchoring according to Section 816.03 of the Standard Specifications.

METHOD OF PAYMENT FOR RESTORATION

The item of "Restoration" will be paid for by the square yard.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Restoration	Square Yard

MANHOLE, ADJ

This item includes all equipment, labor, and material required to adjust existing manholes catch basins and drainage structures to match the final surface elevation of the HMA.

METHOD OF PAYMENT FOR MANHOLE, ADJ

The item of "Manhole, Adj" shall be paid for by the individual unit.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Manhole, Adj	Each

TRENCHING

This item will include all labor, material, and equipment required to trench the existing shoulder according to Section 307.03 of the Standard Specifications. This item will also include any mailbox relocations required for the work to be completed.

METHOD OF PAYMENT FOR TRENCHING

The item of "Trenching" will be paid for by the station.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Trenching	Station

AGGREGATE BASE, CONDITIONING

Shape the existing Aggregate Base Course to a 2% cross-slope (or as directed by the Engineer) within a tolerance of $\pm 1/2$ inch. The existing surface will be cut and compacted to a minimum depth of 2 inches. A minimum compaction of 98% will be required. Wetting and rolling will be required. Density testing will be run at the discretion of the Engineer. This item will also include shaping and compacting driveways and approach roads to be paved.

METHOD OF PAYMENT FOR AGGREGATE BASE, CONDITIONING

The item of "Aggregate Base, Conditioning" will be paid for by the Station.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Aggregate Base, Conditioning	Station

HMA BASE CRUSHING AND SHAPING

Crush and shape the existing HMA base in accordance with Section 305 of the Standard Specifications. Commence the crushing operation after placement of the Aggregate Base item, if applicable, to provide a uniformly mixed material of aggregate and crushed HMA.

METHOD OF PAYMENT FOR HMA BASE CRUSHING AND SHAPING

The item of "HMA Base Crushing and Shaping" will be paid for by the square yard.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
HMA Base Crushing and Shaping	Square Yard

AGGREGATE BASE, MOD

This item will include all labor, material and equipment required to place an aggregate base course 3" thick over the existing HMA surface prior to crushing and shaping. The aggregate shall be MDOT 21AA.

METHOD OF PAYMENT FOR AGGREGATE BASE, MOD

The item of "Aggregate Base, Mod" will be paid for by the ton.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Aggregate Base, Mod	Ton

PAVEMENT REM, MOD

This item includes all equipment, labor and materials required to remove and dispose of the pavement in accordance with Section 204 of the Standard Specifications and as modified in this specification. When a concrete driveway approach is specified to be removed, the Contractor will sawcut and remove the existing concrete surface where marked by the Engineer. Aggregate base will be required to maintain access to the driveway and allow for 3" of HMA. The aggregate base shall be HMA millings or crushed concrete and included in this item.

METHOD OF PAYMENT FOR PAVEMENT FOR PAVEMENT REM, MOD

The item of "Pavement Rem, Mod" will be paid for by the square yard.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Pavement Rem, Mod	Square Yard

APPROACH, CI II, LM

This item will include all labor, material, and equipment to place and compact the material according to Section 307 of the Standard Specifications.

METHOD OF PAYMENT FOR APPROACH, CI II, LM

The item of "Approach, CI II, LM" will be paid for by the cubic yard, loose measure. If scales are available, the material will be weighted and a conversion based on 3,000 lb per cubic yard loose measure will be used.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Approach, CI II, LM	Cubic Yard

SIGN, TYPE B, TEMP, MODIFIED:

The item of “Sign, Type B, Temp, Modified” will include supplying all materials, equipment and labor required to erect and maintain construction signs as designated by the Engineer. Materials and placement will conform to the MDOT Standard Specifications for Construction and the Michigan Manual of Uniform Traffic Control Devices. Signs will be placed as noted in the detour route detail or as instructed by the Engineer. Steady burn light and posts are included in the Sign, Type B, Temp, Modified item.

METHOD OF PAYMENT FOR SIGN, TYPE B, TEMP, MODIFIED: The item of “Sign, Type B, Temp, Modified” will be paid for by the square foot of sign face.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Sign, Type B, Temp, Modified	Square Foot

PLASTIC DRUM, HIGH INTENSITY, LIGHTED, MODIFIED:

The item of “Plastic Drum, High Intensity, Lighted, Modified” will include all labor, equipment and material to furnish, set up, move and maintain the drums as required by the Engineer. Drums will be equipped with one light.

Section 812 of the Standard Specifications for Construction will apply.

METHOD OF PAYMENT FOR PLASTIC DRUM, HIGH INTENSITY, LIGHTED, MODIFIED: The item of “Plastic Drum, High Intensity, Lighted, Modified” will be paid for by the individual unit.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Plastic Drum, High Intensity, Lighted, Modified	Each

BARRICADE ,TYPE III, HIGH INTENSITY, DOUBLE SIDED, LIGHTED, MODIFIED:

The item of “Barricade, Type III, High Intensity, Double Sided, Lighted, Modified” will include all labor, equipment and material to furnish, set up, move and maintain the barricades.

The Contractor will furnish and maintain Barricades, Type III with three lights and an R-11-4 Sign (ROAD CLOSED TO THRU TRAFFIC) mounted above the barricade. The R-11-4 sign will comply with and be paid as “Sign, Type B, Temp, Modified”.

Section 812 of the Standard Specifications for Construction will apply.

METHOD OF PAYMENT FOR BARRICADE, TYPE III, HIGH INTENSITY, DOUBLE SIDED, LIGHTED, MODIFIED: The item of “Barricade, Type III, Double Sided, Lighted” will be paid for as individual units.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Barricade, Type III, High Intensity, Double Sided, Lighted, Modified	Each

SHOULDER PREP

This item will include all labor, material, and equipment required to prepare the shoulders along the existing surface for paving or gravel resurfacing. The shoulder shall be finished flush with and at a slope matching the surface of the existing HMA surface. Any excess material shall be removed and disposed of as part of this item. This item also includes relocating mailboxes if they conflict with construction. The shoulder preparation may require mowing and/or spraying to kill vegetation if completed more than one week prior to paving.

METHOD OF PAYMENT FOR SHOULDER PREP

The item of “Shoulder Prep” will be paid for by the lump sum.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Shoulder Prep	LS

ALLEGAN COUNTY ROAD COMMISSION

ALLEGAN, MICHIGAN

GENERAL SPECIFICATIONS

MICHIGAN DEPARTMENT OF TRANSPORTATION – STANDARD SPECIFICATIONS

The work covered by the plans and specifications shall be done in accordance with the 2012 Michigan Department of Transportation Standard Specifications for Construction, except as qualified in supplemental specifications and special provisions of the Allegan County Road Commission or as agreed to in writing at the time of the award of the contract.

DEFINITION OF TERMS

See Section 101.03 of Michigan Department of Transportation Specifications.

SPECIAL CONDITIONS

Special requirements, regulations or directions applying to a particular project may be made a part of these specifications.

THE WORK

The work consists of the completed services, construction and/or paving required by the Contract Documents and includes all materials and labor incorporated or to be incorporated therein.

RESPONSIBILITIES OF CONTRACTOR

A. Responsibility for and Supervision of Construction. Unless otherwise stated herein, Contractor shall be solely responsible for all construction under this Contract, including the methods, techniques, sequences, procedures, and means, and for coordination of all work. Contractor shall supervise and direct the work to the best of Contractor's ability, and give it all attention necessary for such proper supervision and direction.

B. Discipline and Employment. Contractor shall maintain at all times strict discipline among Contractor's employees, and contractor agrees not to employ for work on the project any person unfit or without sufficient skill to perform the job for which he or she was employed.

RESPONSIBILITIES OF CONTRACTOR (CON'T)

C. Furnishing of Labor, Materials, etc. Unless otherwise stated herein, Contractor shall provide and pay for all labor, materials, and equipment, including tools, construction equipment, and machinery, utilities, including water, transportation, and all other facilities and services necessary for the proper completion of work on the project in accordance with the Contract Documents.

D. Payment of Taxes; Procurement of Licenses and Permits. Contractor shall pay all taxes required by law in connection with work on the project in accordance with this agreement including sales, use, and similar taxes, and shall secure all licenses and permits necessary for proper completion of the work, paying the fees for such licenses and permits.

E. Compliance with Laws and Regulations. Contractor shall comply with all laws and ordinances, and the rules, regulations or orders of all public authorities relating to the performance of the work under and pursuant to this Agreement including, but not limited to, the Occupational Safety and Health Act of 1970, the Michigan Occupational Safety and Health Act, and the rules and regulations of the Michigan Construction Safety Commission.

F. Responsibility for Negligence of Employees and Subcontractors. Contractor assumes full responsibility for acts, negligence or omissions of all of Contractor's employees on the project, for those of Contractor's subcontractors and their employees, and for those of all other persons doing work under a contract with Contractor.

G. Responsibility for Safety. Unless otherwise stated herein, at Contractor's expense, Contractor shall take all necessary precautions (including, without limitation, the furnishing of traffic control, barricades, traffic control devices, flaggers, warning lights, signs, warning signs, safety channels, channelization devices, guards, fences, walks, flags, cables and lights) for the safety of, and the prevention of injury, loss and damage to, persons and property (including, without limitation, in the term persons, members of the public, employees and agents of the Board of County Road Commissioners of Allegan County, Contractor's employees, Contractor's subcontractors and their respective employees, other contractors, their subcontractors and respective employees) on, about or adjacent to the location where the work is being performed, and shall comply with all applicable provisions of safety rules, ordinances, codes, regulations, and orders of duly-constituted public authorities including, but not limited to, the Michigan Manual of Uniform Traffic Control Devices.

H. Responsibility of Subcontractors. The Contractor shall require any subcontractor hired by the Contractor for the purpose of performing any of the work described by the Contract documents to be bound by all of the terms and conditions of the Contract documents and to perform the work in accordance with the Contract documents. Each and every condition of the Contract documents, including without limitation, the RESPONSIBILITIES OF THE CONTRACTOR, shall be made a condition of each subcontract entered into by the Contractor in conjunction with the performance of the work.

INDEMNIFICATION

To the fullest extent permitted by law, the Contractor shall indemnify, defend, and hold harmless The Board of County Road Commissioners of Allegan County, its officers, employees, representatives and agents from and against any and all claims, damages, demands, payments, suits, actions, recoveries, judgments, losses and expenses, including attorney fees, interest, and court costs, which are made, brought or recovered against the Board of County Road Commissioners of Allegan County, arising out of or resulting from performance of the Contractor's work under this Contract, provided that such claims, damages, losses, demands, payments, suits, actions, recoveries, judgments and/or expenses are attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself) including loss of use resulting there from, but only if caused in whole or in part, by the act, omission, fault, negligence or breach of the conditions of this Contract by negligent acts or omissions of the Contractor, the Contractor's sub-subcontractors, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such claim, damage, loss or expense is caused in part by a party indemnified hereunder. The Contractor shall not, however, be obligated to indemnify the Board of County Road Commissioners of Allegan County, for any damage or injuries caused by or resulting from the sole negligence of the Board of County Road Commissioners of Allegan County. Such obligation shall not be construed to negate, abridge or otherwise reduce other rights or obligations of indemnity which would otherwise exist as a party or person described in this paragraph.

In claims against any person or entity indemnified under this Agreement by an employee of the Contractor, the Contractor's sub-subcontractors, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under this paragraph shall not be limited by a limitation on amount or type of damages, compensation or benefits payable by or for the Contractor or the Contractor's sub-subcontractors under workers' or workmen's compensation acts, disability benefit acts or other employee benefit acts.

INSURANCE

A. Contractor's Insurance. Prior to start of the Contractor's work, the Contractor shall procure for the Contractor's work and maintain in force until the completion of the work, workers' compensation insurance, employer's liability insurance, comprehensive general liability insurance and all insurance required of the contract under the contract documents.

The Board of County Road Commissioners of Allegan County shall be named as an additional insured on each of these policies except for worker's compensation.

The insurance shall include contractual liability insurance covering the Contractor's obligations under its agreement of indemnification as set forth herein.

B. Minimum Limits of Liability. The Contractor's comprehensive general and automobile liability insurance as required herein, shall be written with limits of liability not less than the following:

a. Comprehensive general liability including completed operations
(1) \$ 500,000 each occurrence

b. Property damage

(1) \$ 500,000 each occurrence

C. Number of Policies. Comprehensive general liability insurance and other liability insurance may be arranged under a single policy for the full limit required or by combination of underlying policies with the balance provided by an excess or umbrella liability policy.

D. Cancellation, Renewal or Modification. The Contractor shall maintain in effect all insurance coverage required under this Agreement at the Contractor's sole expense and with insurance companies acceptable to the Board of County Road Commissioners of Allegan County.

All insurance policies shall contain a provision that the coverage afforded thereunder shall not be cancelled or not renewed nor restrictive modifications added at any time after a certificate of insurance required under agreement has been issued and before the work; as defined herein, has been completed, until at least thirty (30) days prior thereto written notice has been given to the Board of County Road Commissioners of Allegan County unless otherwise specifically required in the Contract Documents.

Certificates of insurance or certified copies of policies acceptable to the Board of County Road Commissioners of Allegan County shall be filed with the Board of County Road Commissioners of Allegan County prior to the commencement of the Contractor's work.

In the event that the Contractor fails to obtain or maintain any insurance coverage required under this agreement, the Board of County Road Commissioners of Allegan County may:

1. Purchase such coverage and charge the expense thereof to the Contractor, and
2. Withhold from any payment due or to become due to the Contractor an amount sufficient to protect the Board of County Road Commissioners of Allegan County from such claims, damages, demands, payments, suits, actions, recoveries, judgments, losses and expenses, including attorney fees, interest and court costs, and
3. Terminate this agreement.

Nothing contained in this Agreement, nor the Board of County Road Commissioners of Allegan County's compliance therewith, shall relieve the Contractor from its obligations under the Contract to purchase and maintain required insurance or to indemnify the Board of County Road Commissioners of Allegan County.

PROGRESS CLAUSE

The successful bidder shall be required to submit a Progress Schedule, giving an outline of his proposed order of work and to indicate the dates for completion of the work. This outline, when approved by the Road Commission, will become a part of the contract.

PROSECUTION OF THE WORK

The Contractor shall begin the work within five (5) days after being notified by the Road Commission of the award of the contract, unless this is inconsistent with the Progress Schedule, in which case the Progress Schedule shall govern. He shall prosecute the work in the order given in the Progress Schedule, with force and equipment adequate to complete the sections within the time limit therein fixed for completion. In case of failure to proceed with the work as rapidly as is provided in the Progress Schedule, or if it appears at any time that such work is not being prosecuted in such a manner as to insure its completion within time specified, the Road Commission shall have the right to require the contractor to furnish and place in operation such additional force and equipment as the Road Commission shall deem necessary to bring the work up to the Progress Schedule; and in case of the Contractor's neglect to do so, the Road Commission may place such working force and equipment on the work and charge the Contractor the cost of the labor and such rental and depreciation rates for the plant and equipment as in its judgment is reasonable, and for such time as the plant and equipment are in service.

ESTIMATED QUANTITIES

The quantities listed in the proposal are the estimated quantities. Increases or decreases in quantities will not be considered as a basis for adjustment in unit prices and Articles 1.03.02 of Standard Specifications shall not apply in this regard.

FINAL PAYMENT

Final payment will not be made until the contractor shall have filed with the Board of County Road Commissioners the consent of the Surety of the payment of the final estimate and satisfactory evidence by affidavit or otherwise that all his indebtedness by reason of the contract has been fully paid or satisfactorily secured. In case such evidence is not furnished, the Road Commission may retain out of any amount due said contractor sums sufficient to cover all lienable claims unpaid.

AFFIRMATIVE ACTION POLICY (EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER)

The Allegan County Road Commission shall require the Contractor to submit an Affirmative Action Policy stating that they are an equal employment opportunity employer and will recruit, hire and promote in all job classifications without regard to race, color, religion, sex or national origin, except where sex is a bona fide occupational qualification. The Affirmative Action Policy shall be signed by the Contractor or one of the Company's Authorized Officers.

CONTRACT BONDS

The Successful Bidder shall furnish satisfactory performance and lien bonds, each in the amount of not less than one hundred (100) per cent of the total contract price. Such bonds shall be on forms provided and shall meet the regulations of the Allegan County Road Commission and the requirements specified in the laws of Michigan.

No Bonds will be required for contracts of less than \$70,000.00.

M.D.O.T. – PREQUALIFICATION

Contractors bidding on this work must be prequalified by the Michigan Department of Transportation to do similar work on State or Federal-aid Secondary projects.

1. PH 3512 – OTSEGO TOWNSHIP – On 21st Street, 102nd Avenue (west) to 101st Avenue, then east on 101st & 102nd Avenue to 16th Street – 2.96 miles

BID AND AWARD

Date: _____

Board of County Road Commissioners
of Allegan County
1308 Lincoln Road
Allegan, MI 49010

Gentlemen:

The undersigned has examined the plans, specifications, and location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performance and understands that the quantities shown in the estimate are approximate only and are subject to either increase or decrease; and hereby proposes to furnish all necessary machinery, tools, apparatus, and other means of doing the work, do all the work, furnish all the materials except as otherwise specified herein, and, for the unit prices named in the accompanying unit price schedule, to complete work in strict accordance with the plans and specifications therefore.

The undersigned further proposes to do such extra work as may be ordered by you, prices for which are not included in the itemized bid, compensation therefore to be made on the basis agreed upon before such extra work is begun.

The undersigned agrees to complete all items of work on or before **November 2, 2018.**

This project will be ready to resurface on or about June 29, 2018.

The undersigned encloses a certified check, cashier's check, or Bid Bond representing 5% of the bid, in the amount of \$ _____, payable to the Allegan County Road Commission as a guarantee of good faith. If the contract is awarded to the undersigned and the undersigned fails to furnish satisfactory bonds to the Road Commission within fifteen (15) days after being given notice of award, said check shall be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

1. PH 3512 – OTSEGO TOWNSHIP – On 21st Street, 102nd Avenue (west) to 101st Avenue, then east on 101st & 102nd Avenue to 16th Street – 2.96 miles

SCOPE OF THE WORK

The work will consist of preparing the existing surface, then placing a “**HMA 4E1, Mod**” top course 24’ - 34’ wide at an average yield of 275 lb/syd. A 0-5’ gravel shoulder will then be placed from the POB to POE except where, erosion issues, curb or guardrail exists, locations are noted below.

The work shall also include furnishing and applying Bond Coat (included in HMA items), MDOT Standard Specifications MS-2a or SS-1h before placing the HMA. Bond Coat will be placed at the rate of 0.05 – 0.10 gallons per square yard prior to placing HMA.

Intersections, driveway approaches, spillways, paved shoulders and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as “**HMA 4E1, Mod**”.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
<u>21st Street segment</u>		
POB to 15+50	24’ HMA	5’ Rt & Lt
15+50 to 28+02	34’ HMA	0’ Rt & Lt
<u>101st & 102nd Avenue segment</u>		
POB to POE	24’ - 25’ HMA (cover existing HMA surface)	5’ Rt & Lt

MISCELLANEOUS ITEMS OF WORK QUANTITY

21st Street (south to north)

<u>Station</u>	<u>Description</u>
0+00	Intersection of 101 st & 21 st (Reference)
2+40 Lt	HMA driveway, “Pavement for Butt Joints, Rem” (50’ x 6’) 33 Syd
2+40 Rt	Gravel driveway
4+50 Lt	HMA driveway, “Pavement for Butt Joints, Rem” (50’ x 6’) 33 Syd
9+00 RT	Concrete driveway, “Pavement Rem, Mod” (50’ x 10’) 56 Syd
11+37 Rt	Gravel driveway
12+29 Lt	Concrete driveway, “Pavement Rem, Mod” (24’ x10’) 27 Syd
13+45 Lt	Gravel driveway
14+41 Lt	HMA driveway, “Pavement for Butt Joints, Rem” (18’ x 6’) 12 Syd
15+37 Lt	HMA driveway, “Pavement for Butt Joints, Rem” (18’ x6’) 12 Syd

MISCELLANEOUS ITEMS OF WORK QUANTITY (CON'T)

21st Street (south to north)

<u>Station</u>	<u>Description</u>
19+60 RT	102 nd Avenue east, "Pavement for Butt Joints, Rem" (100' x 15') 167 Syd
20+79 to 21+18	Begin Bridge, "Cold Milling HMA Surface" (38' x 30') 127 Syd
21+18	End Bridge
26+13 Rt	Gravel driveway,
27+73	Intersection of 102 nd Avenue, "Pavement for Butt Joints, Rem" (24' x 15') 40 Syd

101st & 102nd Avenue, 21st Street to 16th Street

0+00	POB, "Pavement for Butt Joints, Rem" (24' x 15') 40 Syd
0+53	"Monument Box, Adj"
3+69 Rt	Gravel driveway
4+49 Lt	Concrete driveway, "Pavement Rem, Mod" (24' x 10') 27 Syd
5+38 Rt	Gravel driveway
6+92 Rt	Gravel driveway
8+61 Rt	Concrete driveway, "Pavement Rem, Mod" (30 x 10') 33 Syd
11+05 Rt	HMA milling driveway
11+90 Rt	HMA driveway, "Pavement for Butt Joints, Rem" (30' x 6') 20 Syd
12+80 Rt	HMA driveway, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
13+51	"Monument Box, Adj"
13+51 Lt	Intersection of 20 th Street, cover the north HMA approach
13+90 Rt	Gravel driveway
17+31 Rt	Gravel driveway
21+78 Rt	Gravel driveway
27+59 Rt	HMA driveway, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
32+17 Rt	HMA milling driveway
33+64 Rt	HMA milling driveway
34+71 Lt	HMA milling driveway
35+48 Rt	HMA milling driveway
35+50 Lt	HMA milling driveway
37+78 Rt	Gravel driveway
40+19	"Monument Box, Adj"
43+89 Rt	Gravel driveway
44+63 Rt	Gravel driveway
49+70 Rt	Gravel driveway
57+57 Rt	Gravel driveway
64+39 Rt	Gravel driveway
79+56 Lt	Gravel driveway
93+11 Rt	Gravel driveway
107+24 Rt	Gravel driveway
114+62 Lt	HMA driveway, "Pavement for Butt Joints, Rem" (24' x 6') 16 Syd
124+16 Rt	HMA driveway, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
124+60 Lt	Gravel driveway
125+65	POE, west edge of 16 th St., "Pavement for Butt Joints, Rem" (50' x 15') 83 Syd

1. PH 3512 – OTSEGO TOWNSHIP – On 21st Street, 102nd Avenue (west) to 101st Avenue, then east on 101st & 102nd Avenue to 16th Street – 2.96 miles

ALLEGAN COUNTY ROAD COMMISSION
ALLEGAN, MICHIGAN

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod	6,600 Ton		
Shoulder, CI II, LM	2,400 Cyd		
Approach, CI II, LM	200 Cyd		
Shoulder Prep	1 LS		
Pavement for Butt Joints, Rem	500 Syd		
Pavement Rem, Mod	150 Syd		
Cold Milling HMA Surface	130 Syd		
Pavement Marking, Waterborne, 4 inch, White	31,000 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	25,000 Ft		
Pavement Marking, Temporary	151 Sta		
Monument Box, Adj	3 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID \$ _____

SIGNED: _____
(Bidder)

DATE: _____

2. PH 3515 – CASCO TOWNSHIP – On Blue Star Highway (divided highway) from Baseline Road to south edge of round-a-bout at North Shore Drive – 0.48 mile

BID AND AWARD

Date: _____

Board of County Road Commissioners
of Allegan County
1308 Lincoln Road
Allegan, MI 49010

Gentlemen:

The undersigned has examined the plans, specifications, and location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performance and understands that the quantities shown in the estimate are approximate only and are subject to either increase or decrease; and hereby proposes to furnish all necessary machinery, tools, apparatus, and other means of doing the work, do all the work, furnish all the materials except as otherwise specified herein, and, for the unit prices named in the accompanying unit price schedule, to complete work in strict accordance with the plans and specifications therefore.

The undersigned further proposes to do such extra work as may be ordered by you, prices for which are not included in the itemized bid, compensation therefore to be made on the basis agreed upon before such extra work is begun.

The undersigned agrees to complete all items of work must be completed within 15 consecutive working days. Work must be completed on or before May 24, 2018. Thru traffic will be detoured west using Baseline Rd & North Shore Drive, set up by the contractor. The contractor must maintain local traffic. A plan sheet showing sign locations is attached.

The undersigned encloses a certified check, cashier's check, or Bid Bond representing 5% of the bid, in the amount of \$ _____, payable to the Allegan County Road Commission as a guarantee of good faith. If the contract is awarded to the undersigned and the undersigned fails to furnish satisfactory bonds to the Road Commission within fifteen (15) days after being given notice of award, said check shall be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

2. PH 3515 – CASCO TOWNSHIP – On Blue Star Highway (divided highway) from Baseline Road to south edge of round-a-bout at North Shore Drive – 0.48 mile

SCOPE OF THE WORK

The work will consist of preparing the existing surface including “**HMA Base Crushing and Shaping**” over concrete, then placing a “**HMA 4E1, Mod (64-28)**” leveling course 22’ -34’ wide at an average yield of 220 lb/syd and a “**HMA 4E1, Mod (64-28)**” surface course 22’ - 34’ wide at an average yield of 220 lb/syd. The main line paving will consist of a 3’ HMA shoulder on the left, a 11’ driving lane and an 8’ HMA shoulder on the right. A 1’ gravel shoulder will then be placed from the POB to POE except where concrete curb, valley curb or guardrail exists, locations are noted below.

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA and valley curb will be paid for as “**HMA 4E1, Mod (64-28)**”.

The work shall also include furnishing and applying Bond Coat (included in “**HMA 4E1, Mod, (64-28)**” items), MDOT Standard Specifications MS-2a or SS-1h before placing the HMA. Bond Coat will be placed at the rate of 0.05 – 0.10 gallons per square yard prior to placing HMA.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to POE	22’ – 34’ HMA	1’ Rt & Lt

Note: “HMA Base Crushing and Shaping” approximately 150’ south of round-a-bout to the east leg of Baseline Road, Rt & Lt

MISCELLANEOUS ITEMS OF WORK QUANTITY

Southbound lane (**NOTE: STATIONING BEGINS AT THE NORTH END OF THE SOUTHBOUND LANE, NEAR THE ROUND-A-BOUT**)

<u>Station</u>	<u>Description</u>
0+00	POB (at existing joint, south of round-a-bout), “Pavement for Butt Joints, Rem”, (24’ x 15’) 40 Syd
2+26	30’ wide HMA
2+49	“HMA Base Crushing and Shaping” paved median (22’ x 32’) 78 Syd

MISCELLANEOUS ITEMS OF WORK QUANTITY (CON'T.)

Southbound lane (NOTE: STATIONING BEGINS AT THE NORTH END OF THE SOUTHBOUND LANE, NEAR THE ROUND-A-BOUT)

<u>Station</u>	<u>Description</u>
5+97 Rt	Begin right turn lane
5+97	30' wide HMA
6+26	36' wide HMA
8+81	Manhole Adj (in right turn lane) 1 Ea
8+93 Rt	Begin concrete gutter, "M" opening
10+10 Rt	End concrete gutter, "M" opening
10+29 Rt	Gravel driveway
10+70	36' wide HMA
11+05	30' wide HMA
20+11	Begin concrete curb & gutter, Rt & Lt
22+75 Rt	Gravel driveway
23+82	End concrete curb & gutter, Rt & Lt
23+82	POE "Pavement for Butt Joints, Rem", (40' x 15') 67 Syd

Northbound lane (NOTE: STATIONING BEGINS AT THE EXISTING CONSTRUCTION JOINT NEAR BASELINE ROAD, EAST LEG)














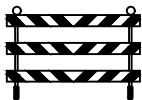

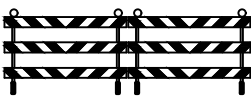




<u>Station</u>	<u>Description</u>
0+00	POB "Pavement for Butt Joints, Rem", (40' x 15') 67 Syd
0+00	Begin concrete curb & gutter, Rt & Lt
0+00	32' wide HMA
2+00	30' wide HMA
3+61	End concrete curb & gutter
6+60 Rt	HMA driveway "Pavement for Butt Joints, Rem", (20' x 6') 13 Syd
9+04 Rt	Gravel driveway
10+09 Rt	Gravel driveway
11+40 Rt	Gravel driveway
11+40 Rt	Begin left turn lane
11+40	30' wide HMA
11+90	44' wide HMA
14+74	End left turn lane
14+74	30' wide HMA
15+45 Rt	Gravel driveway
16+00	32' wide HMA
16+99 Rt	Gravel driveway

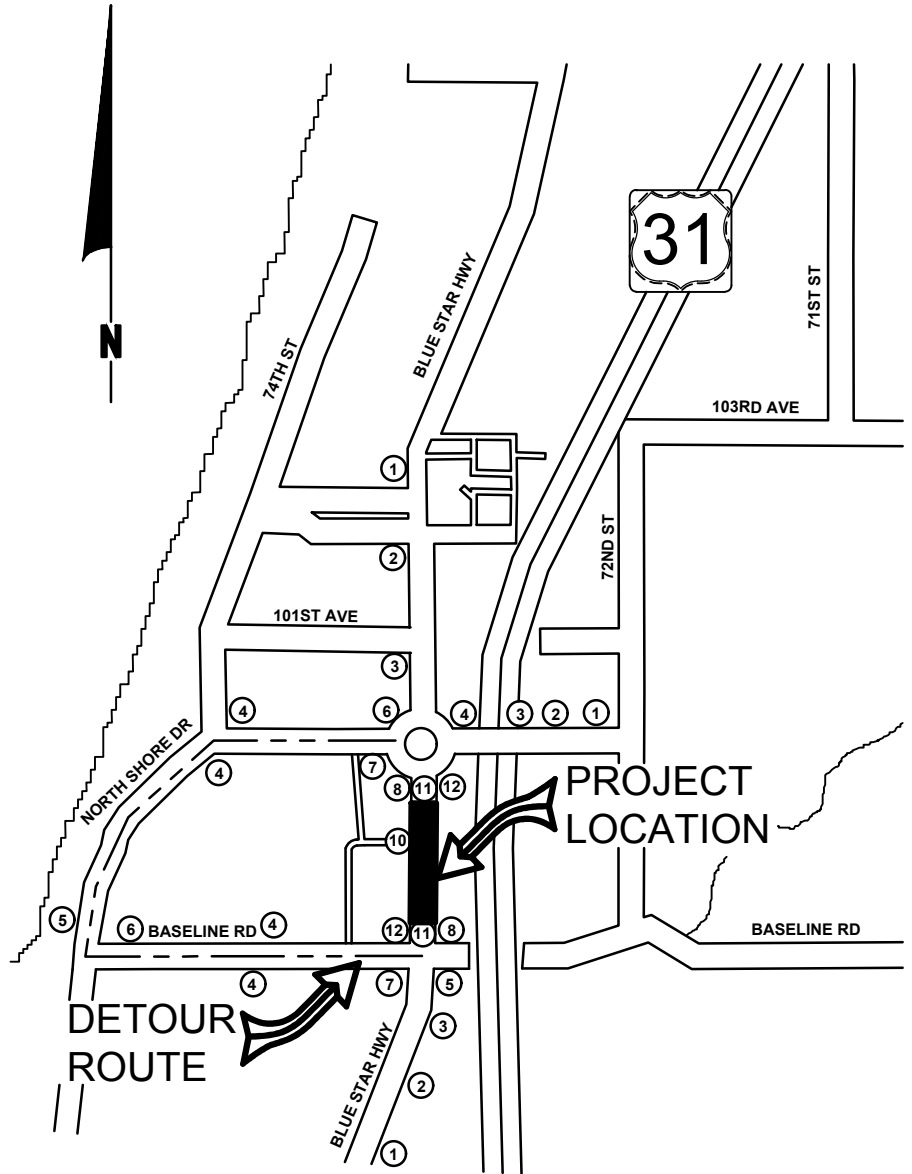
MISCELLANEOUS ITEMS OF WORK QUANTITY (CONT.)

Northbound lane **(NOTE: STATIONING BEGINS AT THE EXISTING CONSTRUCTION JOINT NEAR BASELINE ROAD, EAST LEG)**

<u>Station</u>	<u>Description</u>
17+64 Rt	Gravel driveway
18+43 Rt	Gravel driveway
19+00	30' wide HMA
21+39 Rt	HMA driveway "Pavement for Butt Joints, Rem", (18' x 6') 12 Syd
22+00	32' wide HMA
23+30 Rt	HMA driveway "Pavement for Butt Joints, Rem", (50' x 6') 33 Syd
24+00	POE "Pavement for Butt Joints, Rem", (30' x 15') 50 Syd

PH 3515 - BLUE STAR HIGHWAY FROM BASELINE ROAD TO NORTH SHORE DRIVE DETOUR ROUTE

LEGEND					
SIGN NO.	QTY.	SIGN DESIGNATION	DESCRIPTION	SIZE	AREA
①	3 EA	W20-1		48 INCH x 48 INCH	48 SFT
②	3 EA	W20-3		48 INCH x 48 INCH	48 SFT
		D3-2a		36 INCH x 12 INCH	9 SFT
③	3 EA	W20-2		48 INCH x 48 INCH	48 SFT
④	5 EA	M4-9		30 INCH x 24 INCH	25 SFT
		D3-2a		36 INCH x 12 INCH	15 SFT
⑤	2 EA	M4-9		30 INCH x 24 INCH	10 SFT
		D3-2a		36 INCH x 12 INCH	6 SFT
⑥	2 EA	M4-9		30 INCH x 24 INCH	10 SFT
		D3-2a		36 INCH x 12 INCH	6 SFT
⑦	2 EA	D3-2a		36 INCH x 12 INCH	6 SFT
		M4-8a		24 INCH x 18 INCH	6 SFT
⑧	2 EA	R5-18c		48 INCH x 48 INCH	32 SFT
⑩	1 EA	BARRICADE, TYPE III, HIGH INTENSITY, LIGHTED, 1 REQUIRED EACH LOCATION		1 REQUIRED EACH LOCATION	1 EA
		R11-4		60 INCH x 30 INCH	12.5 SFT
⑪	2 EA	BARRICADE, TYPE III, HIGH INTENSITY, LIGHTED, 1 REQUIRED EACH LOCATION		2 REQUIRED EACH LOCATION	4 EA
		R11-4		60 INCH x 30 INCH	25 SFT
		M4-10	 or 	48 INCH x 18 INCH	12 SFT
⑫	2 EA	G20-2		48 INCH x 24 INCH	16 SFT
TOTAL AREA =					334.5 SFT



PORTION OF ALLEGAN COUNTY, MICHIGAN
NOT TO SCALE

2. PH 3515 – CASCO TOWNSHIP – On Blue Star Highway (divided highway) from Baseline Road to south edge of round-a-bout at North Shore Drive – 0.48 mile

ALLEGAN COUNTY ROAD COMMISSION
ALLEGAN, MICHIGAN

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod (64-28)	3,000 Ton		
Cold Milling HMA Surface	1,000 Syd		
Pavement Rem, Mod	50 Syd		
Pavement for Butt Joints, Rem	250 Syd		
HMA Base Crushing and Shaping	17,000 Syd		
Manhole, Adj	1 Ea		
Shoulder, CI II, LM	150 Cyd		
Approach, CI II, LM	100 Cyd		
Shoulder Prep	1 LS		
Pavement Marking, Waterborne, 4 inch, White	5,300 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	6,000 Ft		
Pavement Marking, Temporary	60 Sta		
Plastic Drum, High Intensity, Lighted, Modified	30 Ea		
Sign, Type B, Temp, Modified	335 Sft		
Barricade, Type III, High Intensity, Double Sided, Lighted, Modified	5 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID \$ _____

SIGNED: _____
(Bidder)

DATE: _____

3. PH 3517 – LAKETOWN TOWNSHIP – On Blue Star Highway, I-196 east most ramp to 1.0-mile NE – 1.00 mile

BID AND AWARD

Date: _____

Board of County Road Commissioners
of Allegan County
1308 Lincoln Road
Allegan, MI 49010

Gentlemen:

The undersigned has examined the plans, specifications, and location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performance and understands that the quantities shown in the estimate are approximate only and are subject to either increase or decrease; and hereby proposes to furnish all necessary machinery, tools, apparatus, and other means of doing the work, do all the work, furnish all the materials except as otherwise specified herein, and, for the unit prices named in the accompanying unit price schedule, to complete work in strict accordance with the plans and specifications therefore.

The undersigned further proposes to do such extra work as may be ordered by you, prices for which are not included in the itemized bid, compensation therefore to be made on the basis agreed upon before such extra work is begun.

The undersigned agrees to complete all items of work on or before **September 29, 2018.**

Note; The contractor will not be allowed to close the road to thru traffic between May 24 – May 29, June 30 – July 9 and August 31 – September 4.

The undersigned encloses a certified check, cashier's check, or Bid Bond representing 5% of the bid, in the amount of \$ _____, payable to the Allegan County Road Commission as a guarantee of good faith. If the contract is awarded to the undersigned and the undersigned fails to furnish satisfactory bonds to the Road Commission within fifteen (15) days after being given notice of award, said check shall be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

3. PH 3517 – LAKETOWN TOWNSHIP – On Blue Star Highway, I-196 east most ramp to 1.0 mile NE – 1.00 mile

SCOPE OF THE WORK

The work will consist of preparing the existing surface including “Cold Milling HMA surface” from Station 0+00 to 8+00 and “HMA Base Crushing and Shaping” the existing HMA over concrete from Station 8+00 to Station 53+00, then placing a “HMA 4E1, Mod (64-28)” leveling course 36’ wide at an average yield of 220 lb/syd and a “HMA 4E1, Mod (64-28)” surface course 36’ wide at an average yield of 220 lb/syd. A 2’ gravel shoulder will then be placed from the POB to POE except where valley curb or guardrail exists, locations are shown below. **Traffic will be maintained from the POB to 63rd Street. The road will be closed to through traffic from 63rd Street to the POE with a detour route using 63rdSt, 136th Ave, and 60th St. set up by the contractor. Local traffic will need to be maintained.**

The work shall also include furnishing and applying Bond Coat (included in “HMA 4E1, Mod (64-28)” items), MDOT Standard Specifications MS-2a or SS-1h before placing both HMA courses. Bond Coat will be placed at the rate of 0.05 – 0.10 gallons per square yard prior to placing HMA.

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA and valley curb will be paid for as “HMA 4E1, Mod (64-28)”.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB	36’ HMA	2’ Rt & Lt
















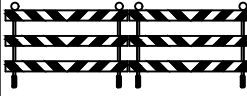




MISCELLANEOUS ITEMS OF WORK QUANTITY

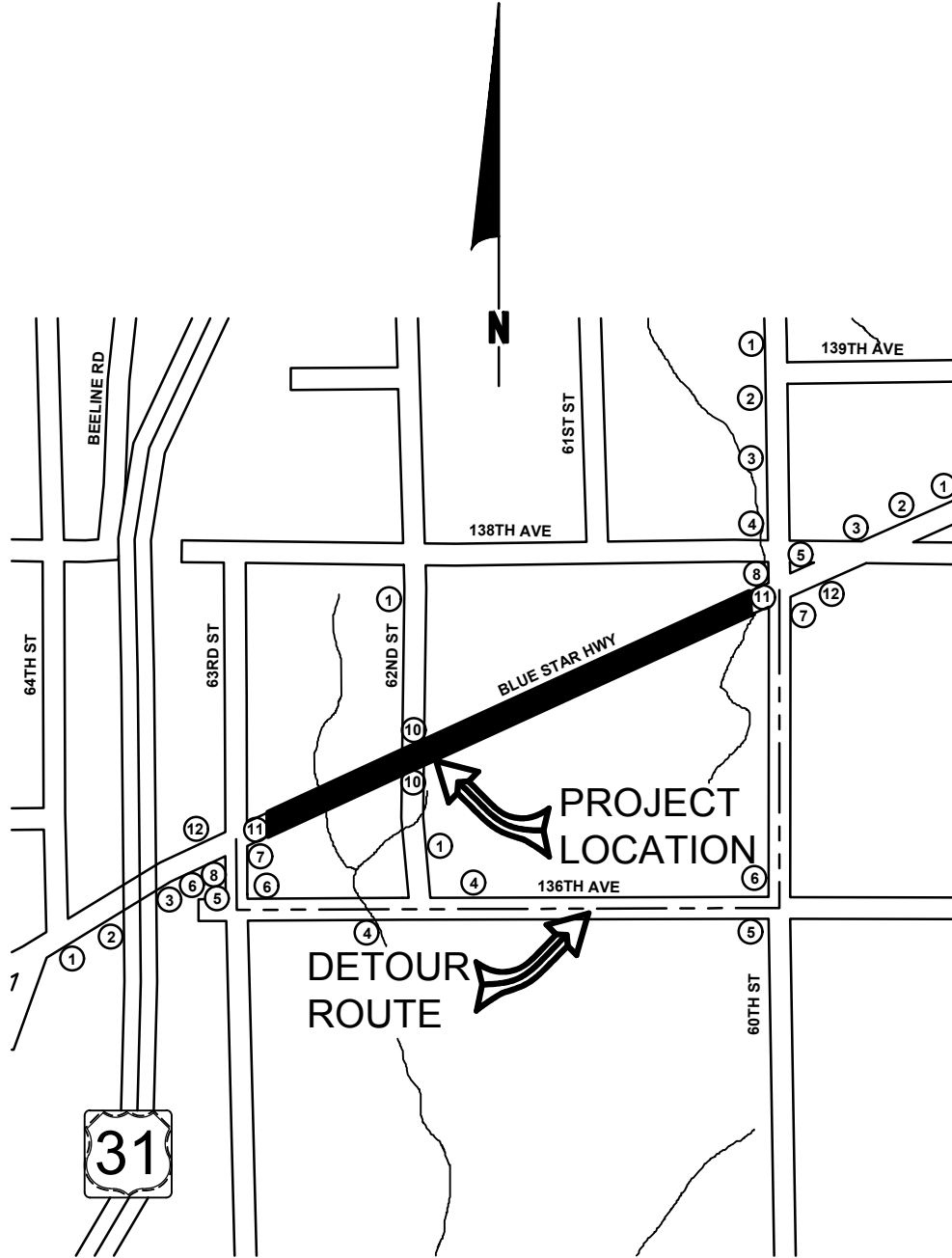
<u>Station</u>	<u>Description</u>
0+00	End of concrete surface east of ramp (Reference)
0+00	Begin “Cold Milling HMA Surface”
0+50	32’ wide HMA
7+07	Intersection of 63 rd Street (Reference)
8+00	End “Cold Milling HMA Surface”
8+00	Begin “HMA Base Crushing & Shaping”
12+26 Lt	HMA driveway, “Pavement for Butt Joints, Rem” (40’ X15’) 67 Syd
21+00 Lt	Gravel driveway

MISCELLANEOUS ITEMS OF WORK QUANTITY (CON'T)

<u>Station</u>	<u>Description</u>
21+58 Rt	Gravel driveway
22+59 Lt	Gravel driveway
23+70 Lt	Gravel driveway
24+10 Rt	Gravel driveway
25+14 Lt	Concrete driveway "Pavement Remove, Mod" (20' x 6') 13 Syd
25+50 Lt	Gravel driveway
26+63 Lt	Gravel driveway
30+50 Lt	Gravel driveway
32+21 Lt	Begin concrete curb & gutter "Pavement for Butt Joints, Rem" (100' x 6') 67 Syd
33+17 Lt	End concrete curb & gutter
35+20	Intersection of 62 nd Street (Reference)
35+85 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (40' x 6') 27 Syd
36+95 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (40' x 6') 27 Syd
38+92 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (35' x 6') 23 Syd
39+29 Lt	Begin concrete curb & gutter "Pavement for Butt Joints, Rem" (100' x 6') 67 Syd
40+28 Lt	End concrete curb & gutter
40+89 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (30' x 6') 20 Syd
44+30 Lt	Begin concrete curb & gutter "Pavement for Butt Joints, Rem" (100' x 6') 67 Syd
45+30 Lt	End concrete curb & gutter
52+11 Lt	Gravel driveway
53+00	End HMA crushing & shaping
53+20	POE "Pavement for Butt Joints, Rem", (32' x 15') 53 Syd

PH 3517 - BLUE STAR HIGHWAY FROM I-196 TO 1.0 MILE NE DETOUR ROUTE

LEGEND					
SIGN NO.	QTY.	SIGN DESIGNATION	DESCRIPTION	SIZE	AREA
①	3 EA	W20-1		48 INCH x 48 INCH	48 SFT
②	3 EA	W20-3		48 INCH x 48 INCH	48 SFT
		D3-2a		36 INCH x 12 INCH	9 SFT
③	3 EA	W20-2		48 INCH x 48 INCH	48 SFT
④	3 EA	M4-9		30 INCH x 24 INCH	15 SFT
		D3-2a		36 INCH x 12 INCH	9 SFT
⑤	3 EA	M4-9		30 INCH x 24 INCH	15 SFT
		D3-2a		36 INCH x 12 INCH	9 SFT
⑥	3 EA	M4-9		30 INCH x 24 INCH	15 SFT
		D3-2a		36 INCH x 12 INCH	9 SFT
⑦	2 EA	D3-2a		36 INCH x 12 INCH	6 SFT
		M4-8a		24 INCH x 18 INCH	6 SFT
⑧	2 EA	R5-18c		48 INCH x 48 INCH	32 SFT
⑩	2 EA	BARRICADE, TYPE III, HIGH INTENSITY, LIGHTED, 1 REQUIRED EACH LOCATION		1 REQUIRED EACH LOCATION	2 EA
		R11-4		60 INCH x 30 INCH	25 SFT
⑪	2 EA	BARRICADE, TYPE III, HIGH INTENSITY, LIGHTED, 1 REQUIRED EACH LOCATION		2 REQUIRED EACH LOCATION	4 EA
		R11-4		60 INCH x 30 INCH	25 SFT
		M4-10	 or 	48 INCH x 18 INCH	12 SFT
⑫	2 EA	G20-2		48 INCH x 24 INCH	16 SFT
				TOTAL AREA =	347 SFT



PORTION OF ALLEGAN COUNTY, MICHIGAN

NOT TO SCALE

3. PH 3517 – LAKETOWN TOWNSHIP – On Blue Star Highway, I-196 east most ramp to 1.0-mile NE – 1.00 mile

ALLEGAN COUNTY ROAD COMMISSION
ALLEGAN, MICHIGAN

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod (64-28)	5,100 Ton		
Pavement Rem, Mod	20 Syd		
Pavement for Butt Joints, Rem	450 Syd		
Cold Milling HMA Surface	3,000 Syd		
HMA Base Crushing and Shaping	16,000 Syd		
Shoulder, CL II, LM	300 Cyd		
Approach, CL II, LM	100 Cyd		
Shoulder Prep	1 LS		
Pavement Marking, Waterborne, 4 inch, White	10,600 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	6,000 Ft		
Pavement Marking, Temporary	53 Sta		
Plastic Drum, High Intensity, Lighted, Modified	30 Ea		
Sign, Type B, Temp, Modified	347 Sft		
Barricade, Type III, High Intensity, Double Sided, Lighted, Modified	6 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID \$ _____

SIGNED: _____
(Bidder)

DATE: _____

4. PH 3519 – HOPKINS & MONTEREY TOWNSHIPS – On 128th Avenue, 28th Street to the west village limits of Hopkins – 2.58 miles

BID AND AWARD

Date: _____

Board of County Road Commissioners
of Allegan County
1308 Lincoln Road
Allegan, MI 49010

Gentlemen:

The undersigned has examined the plans, specifications, and location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performance and understands that the quantities shown in the estimate are approximate only and are subject to either increase or decrease; and hereby proposes to furnish all necessary machinery, tools, apparatus, and other means of doing the work, do all the work, furnish all the materials except as otherwise specified herein, and, for the unit prices named in the accompanying unit price schedule, to complete work in strict accordance with the plans and specifications therefore.

The undersigned further proposes to do such extra work as may be ordered by you, prices for which are not included in the itemized bid, compensation therefore to be made on the basis agreed upon before such extra work is begun.

The undersigned agrees to complete all items of work on or before **August 31, 2018.**

The undersigned encloses a certified check, cashier's check, or Bid Bond representing 5% of the bid, in the amount of \$ _____, payable to the Allegan County Road Commission as a guarantee of good faith. If the contract is awarded to the undersigned and the undersigned fails to furnish satisfactory bonds to the Road Commission within fifteen (15) days after being given notice of award, said check shall be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

- 4 PH 3519 – HOPKINS & MONTEREY TOWNSHIPS – On 128th Avenue, 28th Street to the west village limits of Hopkins – 2.58 miles

SCOPE OF THE WORK

The work will consist of “**Cold Milling HMA Surface**” then placing a “**HMA 4E1, Mod**” surface course 32’ wide at an average yield of 275 lb/syd. A 0-1’ gravel shoulder will then be placed from the POB to POE except where valley curb or guardrail exists, locations are shown below.

The work shall also include furnishing and applying Bond Coat (included in “**HMA 4E1, Mod**” items), MDOT Standard Specifications MS-2a or SS-1h before placing both HMA courses. Bond Coat will be placed at the rate of 0.05 – 0.10 gallons per square yard prior to placing HMA.

Intersections and driveway approaches are included in the bid quantities for HMA items. All approach HMA will be paid for as “**HMA 4E1, Mod**”.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to POE	32’ HMA	1’ Rt & Lt

MISCELLANEOUS ITEMS OF WORK QUANTITY

<u>Station</u>	<u>Description</u>
0+00	POB, west side of intersection of 28 th Street
1+00	Intersection of 28 th Street (Reference)
1+00	“Monument Box, Adj”
3+29 Rt	Gravel driveway
4+74 Rt	Gravel driveway
4+74 Lt	Gravel driveway
6+60 Rt	Gravel driveway
16+17 RT	Gravel driveway
17+20 Rt	Gravel driveway
20+03 Rt	Gravel driveway
22+93 Rt	Gravel driveway
24+14 Lt	Gravel driveway

MISCELLANEOUS ITEMS OF WORK QUANTITY (CONT.)

<u>Station</u>	<u>Description</u>
27+33 Rt	Gravel driveway
27+62	"Monument Box, Adj"
27+73 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (24' x 6') 16 Syd
34+02 Rt	Concrete driveway "Pavement Remove, Mod" (24' x 10') 27 Syd
35+49 Rt	Gravel driveway
36+47 Rt	Gravel driveway
37+96 Rt	Gravel driveway
39+02 Rt	Gravel driveway
48+60 Lt	HMA milling driveway
51+56 Lt	HMA driveway, "Pavement for Butt Joints, Rem", (40' x 6') 27 Syd
52+83 Lt	HMA milling driveway
54+46	"Monument Box, Adj"
54+46 Lt	Intersection of 26 th Street, add north approach
54+46 Rt	Intersection of 26 th Street
61+98 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (24' x 6') 16 Syd
68+67 Lt	HMA driveway, "Pavement for Butt Joints, Rem", (20' x 10') 22 Syd
71+72 RT	HMA driveway, "Pavement for Butt Joints, Rem", (18' x 6') 12 Syd
73+03 Lt	Concrete driveway "Pavement Remove, Mod" (24' x 10') 27 Syd
74+97 Lt	HMA milling driveway
75+29 Lt	HMA driveway, "Pavement for Butt Joints, Rem", (20' x 6') 13 Syd
77+58 LT	HMA driveway, "Pavement for Butt Joints, Rem", (24' x 6') 16 Syd
81+10	"Monument Box, Adj"
84+48 Lt	Gravel driveway
93+02 Rt	Gravel driveway
96+79 Lt	Gravel driveway
98+38 Lt	Gravel driveway
107+81	"Monument Box, Adj"
107+81Rt	Intersection of 24 th Street, cover south approach
107+81 Lt	Intersection of 24 th Street
133+64	POE, Hopkins Village Limits

- 4 PH 3519 – HOPKINS & MONTEREY TOWNSHIPS – On 128th Avenue, 28th Street to the west village limits of Hopkins – 2.58 miles

ALLEGAN COUNTY ROAD COMMISSION
ALLEGAN, MICHIGAN

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod	7,200 Ton		
Cold Milling HMA Surface	48,000 Syd		
Shoulder, CL II, LM	500 Cyd		
Approach, CL II, LM	300 Cyd		
Shoulder Prep	1 LS		
Pavement Rem, Mod	60 Syd		
Monument Box, Adj	4 Ea		
Pavement for Butt Joints, Rem	150 Syd		
Pavement Marking, Waterborne, 4 inch, White	27,200 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	20,000 Ft		
Pavement Marking, Temporary	136 Sta		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID \$ _____

SIGNED: _____
(Bidder)

DATE: _____

5. PH 3521 – ALLEGAN, HEATH, MONTEREY & VALLEY TOWNSHIPS – On 36th Street, 122nd Avenue to 125th Avenue – 1.56 miles

BID AND AWARD

Date: _____

Board of County Road Commissioners
of Allegan County
1308 Lincoln Road
Allegan, MI 49010

Gentlemen:

The undersigned has examined the plans, specifications, and location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performance and understands that the quantities shown in the estimate are approximate only and are subject to either increase or decrease; and hereby proposes to furnish all necessary machinery, tools, apparatus, and other means of doing the work, do all the work, furnish all the materials except as otherwise specified herein, and, for the unit prices named in the accompanying unit price schedule, to complete work in strict accordance with the plans and specifications therefore.

The undersigned further proposes to do such extra work as may be ordered by you, prices for which are not included in the itemized bid, compensation therefore to be made on the basis agreed upon before such extra work is begun.

The undersigned agrees to complete all items of work on or before **November 2, 2018.**

This project will be ready to pave on or about June 29, 2018.

The undersigned encloses a certified check, cashier's check, or Bid Bond representing 5% of the bid, in the amount of \$ _____, payable to the Allegan County Road Commission as a guarantee of good faith. If the contract is awarded to the undersigned and the undersigned fails to furnish satisfactory bonds to the Road Commission within fifteen (15) days after being given notice of award, said check shall be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

5. PH 3521 – ALLEGAN, HEATH, MONTEREY & VALLEY TOWNSHIPS – On 36th Street, 122nd Avenue to 125th Avenue – 1.56 miles

SCOPE OF THE WORK

The work will consist of preparing the existing surface then placing a “**HMA 4E1, Mod:**” surface course 32’ wide at an average yield of 275 lb/syd. A 1’ gravel shoulder will then be placed from the POB to POE except where valley curb or guardrail exists, locations are shown below.

The work shall also include furnishing and applying Bond Coat (included in “**HMA 4E1, Mod:**” items), MDOT Standard Specifications MS-2a or SS-1h before placing both HMA courses. Bond Coat will be placed at the rate of 0.05 – 0.10 gallons per square yard prior to placing HMA.

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA and valley curb will be paid for as “**HMA 4E1, Mod:**”.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to POE	32’ HMA	1’ Rt & Lt

MISCELLANEOUS ITEMS OF WORK QUANTITY

<u>Station</u>	<u>Description</u>
0+00	Intersection of 122 nd Avenue, Mon Box (Reference)
0+63	POB, “Pavement for Butt Joints, Rem”, (32’ x 15’) 53 Syd
1+08 Lt	Gravel driveway
1+72 Rt	Gravel driveway
2+08 Lt	Gravel driveway
3+53 Lt	Gravel driveway
3+87 Rt	Gravel driveway
4+73 Rt	Gravel driveway
6+04 Lt	Gravel driveway
6+68 Lt	Gravel driveway
8+32 Lt	Gravel driveway
11+05 Rt	Gravel driveway
12+54 RT	Gravel driveway
13+89 Rt	Gravel driveway

MISCELLANEOUS ITEMS OF WORK QUANTITY

<u>Station</u>	<u>Description</u>
15+25 Lt	Gravel driveway
16+45 Lt	Gravel driveway
18+37 Lt	Gravel driveway
19+12 Rt	Gravel driveway
21+31 Rt	Gravel driveway
22+99 Lt	Gravel driveway
23+59 Rt	Gravel driveway
26+26	"Monument Box, Adj"
29+80	South edge of Dumont Rd, "Pavement for Butt Joints, Rem", (100' x 15') 167 Syd
29+92	Intersection of Dumont Rd (Reference)
30+12	North edge of Dumont Rd, "Pavement for Butt Joints, Rem", (100' x 15') 167 Syd
38+51 Rt	Gravel driveway
39+52 Rt	Gravel driveway
40+36 Rt	Gravel driveway
44+27 Lt	Gravel driveway
44+70 Lt	Gravel driveway
45+06 Rt	Gravel driveway
46+70 Rt	Gravel driveway
48+25 Rt	Gravel driveway
52+52 Rt	Gravel driveway
53+23 Rt	Gravel driveway
55+83	"Monument Box, Adj"
60+43 Lt	Gravel driveway
63+96 Rt	Gravel driveway
64+47 Rt	Gravel driveway
65+73 Rt	Gravel driveway
66+91 Lt	Gravel driveway
67+52 Rt	Gravel driveway
68+82 Lt	HMA milling driveway (ACRC to add millings after paving)
70+20 Lt	Gravel driveway
72+92 Rt	Gravel driveway
74+46 Rt	Gravel driveway
74+70 Lt	Gravel driveway
75+74 Rt	Gravel driveway
77+56 Lt	Gravel driveway
79+50 Rt	Gravel driveway

MISCELLANEOUS ITEMS OF WORK QUANTITY (CON'T)

<u>Station</u>	<u>Description</u>
82+15 Rt	Intersection of 125 th Avenue, "Pavement for Butt Joints, Rem", (22' x 15') 37 Syd
82+15	"Monument Box, Adj"
82+15 Lt	Gravel driveway
82+50	POE, "Pavement for Butt Joints, Rem", (32' x 15') 53 Syd

5. PH 3521 – ALLEGAN, HEATH, MONTEREY & VALLEY TOWNSHIPS – On 36th Street, 122nd Avenue to 125th Avenue – 1.56 miles

ALLEGAN COUNTY ROAD COMMISSION
ALLEGAN, MICHIGAN

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod	4,500 Ton		
Shoulder, CL II, LM	400 Cyd		
Approach, CL II, LM	450 Cyd		
Shoulder Prep	1 LS		
Pavement Rem, Mod	20 Syd		
Pavement for Butt Joints, Rem	500 Syd		
Pavement Marking, Waterborne, 4 inch, White	16,400 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	14,000 Ft		
Pavement Marking, Temporary	83 Sta		
Monument Box, Adj	3 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID \$ _____

SIGNED: _____
(Bidder)

DATE: _____

6. PH 3523 – DORR TOWNSHIP – On 22nd Street, 146th Avenue to 108th Street – 0.96 mile

BID AND AWARD

Date: _____

Board of County Road Commissioners
of Allegan County
1308 Lincoln Road
Allegan, MI 49010

Gentlemen:

The undersigned has examined the plans, specifications, and location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performance and understands that the quantities shown in the estimate are approximate only and are subject to either increase or decrease; and hereby proposes to furnish all necessary machinery, tools, apparatus, and other means of doing the work, do all the work, furnish all the materials except as otherwise specified herein, and, for the unit prices named in the accompanying unit price schedule, to complete work in strict accordance with the plans and specifications therefore.

The undersigned further proposes to do such extra work as may be ordered by you, prices for which are not included in the itemized bid, compensation therefore to be made on the basis agreed upon before such extra work is begun.

The undersigned agrees to complete all items of work on or before **November 2, 2018.**

This project will be ready to pave on or about June 29, 2018.

The undersigned encloses a certified check, cashier's check, or Bid Bond representing 5% of the bid, in the amount of \$ _____, payable to the Allegan County Road Commission as a guarantee of good faith. If the contract is awarded to the undersigned and the undersigned fails to furnish satisfactory bonds to the Road Commission within fifteen (15) days after being given notice of award, said check shall be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

6. PH 3523 – DORR TOWNSHIP – On 22nd Street, 146th Avenue to 108th Street – 0.96 mile

SCOPE OF THE WORK

The work will consist of preparing the existing surface then placing a “**HMA 4E1, Mod:**” surface course 30’ wide at an average yield of 275 lb/syd, and a 1’ gravel shoulder will then be placed from the POB to POE except where valley curb, and gutter exists, locations are shown below.

The work shall also include furnishing and applying Bond Coat (included in “**HMA 4E1, Mod:**” items), MDOT Standard Specifications MS-2a or SS-1h before placing the surface course. Bond Coat will be placed at the rate of 0.05 – 0.10 gallons per square yard prior to placing “**HMA 4E1, Mod:**”.

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA and valley curb will be paid for as “**HMA 4E1, Mod:**”.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to 47+95 Lt	30’ HMA	1’ Rt & Lt

MISCELLANEOUS ITEMS OF WORK QUANTITY

<u>Station</u>	<u>Description</u>
0+00	Intersection of 146 th Avenue (Reference)
0+14	POE, “Pavement for Butt Joints, Rem”, (100’ x 15’) 167 Syd
0+93 Rt	Gravel driveway
3+08 Rt	Gravel driveway
3+71 Rt	Gravel driveway
10+48 Lt	Gravel driveway
11+23 Lt	HMA driveway, “Pavement for Butt Joints, Rem”, (18’ x 6’) 12 Syd
13+22 Lt	HMA driveway, “Pavement for Butt Joints, Rem”, (15’ x 6’) 10 Syd
16+25 Lt	Gravel driveway
19+96 Rt	Gravel driveway
26+40	“Monument Box, Adj”
31+82 Lt	Gravel driveway
33+34 Rt	HMA driveway, “Pavement for Butt Joints, Rem”, (18’ x 6’) 12 Syd

MISCELLANEOUS ITEMS OF WORK QUANTITY

<u>Station</u>	<u>Description</u>
35+56 Rt	Gravel driveway
38+49 Rt	HMA driveway, feather onto it
39+52 Rt	Gravel driveway
39+89 Rt	Gravel driveway
40+33 Rt	Gravel driveway
41+12 Rt	Gravel driveway
42+64 Rt	Gravel driveway
43+25 Rt	Gravel driveway
44+91 Lt	HMA milling driveway
45+01 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (22' x 6') 15 Syd
45+76 RT	HMA driveway, "Pavement for Butt Joints, Rem", (18' x 6') 12 Syd
46+63 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (24' x 6') 16 Syd
46+84 Lt	HMA driveway, "Pavement for Butt Joints, Rem", (18' x 6') 12 Syd
47+40 to 50+13 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (273' x 6') 182 Syd
47+95 Lt	HMA driveway, "Pavement for Butt Joints, Rem", (50' x 6') 33 Syd
47+95 to POE	HMA shoulder, cover entire shoulder on both sides
50+28 Rt	Begin concrete curb & gutter, Rt radius, mill with intersection
50+64	POE, "Pavement for Butt Joints, Rem", (100' x 15') 167 Syd

6. PH 3523 – DORR TOWNSHIP – On 22nd Street, 146th Avenue to 108th Street – 0.96 mile

ALLEGAN COUNTY ROAD COMMISSION
ALLEGAN, MICHIGAN

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod	2,800 Ton		
Shoulder, CL II, LM	250 Cyd		
Approach CI II, LM	200 Cyd		
Shoulder Prep	1 LS		
Pavement Rem, Mod	20 Syd		
Pavement for Butt Joints, Rem	650 Syd		
Pavement Marking, Waterborne, 4 inch, White	10,200 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	5,000 Ft		
Pavement Marking, Temporary	51 Sta		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Mon Box, Adj	1 Ea		

TOTAL OF BID \$ _____

SIGNED: _____
(Bidder)

DATE: _____

7. PH 3525 – GANGES TOWNSHIP – On 114th Avenue, Blue Star Highway to the I-196 overpass – 0.46 mile

Date: _____

Board of County Road Commissioners
of Allegan County
1308 Lincoln Road
Allegan, MI 49010

Gentlemen:

The undersigned has examined the plans, specifications, and location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performance and understands that the quantities shown in the estimate are approximate only and are subject to either increase or decrease; and hereby proposes to furnish all necessary machinery, tools, apparatus, and other means of doing the work, do all the work, furnish all the materials except as otherwise specified herein, and, for the unit prices named in the accompanying unit price schedule, to complete work in strict accordance with the plans and specifications therefore.

The undersigned further proposes to do such extra work as may be ordered by you, prices for which are not included in the itemized bid, compensation therefore to be made on the basis agreed upon before such extra work is begun.

The undersigned agrees to complete all items of work on or before **August 31, 2018.**

This project will be ready to pave on or about April 28, 2018.

The undersigned encloses a certified check, cashier's check, or Bid Bond representing 5% of the bid, in the amount of \$ _____, payable to the Allegan County Road Commission as a guarantee of good faith. If the contract is awarded to the undersigned and the undersigned fails to furnish satisfactory bonds to the Road Commission within fifteen (15) days after being given notice of award, said check shall be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

7. PH 3525 – GANGES TOWNSHIP – On 114th Avenue, Blue Star Highway to the I-196 overpass – 0.46 mile

SCOPE OF THE WORK

The work will consist of preparing the existing surface, including “**Cold Milling HMA Surface**” from the POB to station 5+80, then placing a “**HMA 4E1, Mod (64-28)**” surface course 35’ wide at an average yield of 275 lb/syd. Station 5+80 to the POE will be prepared with “**HMA Base Crushing and Shaping**” the existing HMA over concrete and placing a “**HMA 4E1, Mod (64-28)**” leveling course at an average yield of 220 lb/syd then placing a “**HMA 4E1, Mod (64-28)**” surface course 30’ wide at an average yield of 220 lb/syd, and a 1’ gravel shoulder will then be placed from the POB to POE except where valley curb, and gutter exists, locations are shown below.

The work shall also include furnishing and applying Bond Coat (included in HMA items), MDOT Standard Specifications MS-2a or SS-1h before placing both HMA courses. Bond Coat will be placed at the rate of 0.05 – 0.10 gallons per square yard prior to placing HMA.

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA and valley curb will be paid for as “**HMA 4E1, Mod (64-28)**”.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to 5+80	35’ HMA	0’ Rt & Lt
5+80 to 16+70 Lt	15’ HMA north lane	1’ Lt
5+80 to 15+15 Rt	15’ HMA south lane	1’ Rt
16+70 Lt to POE	18’ HMA north lane	0’ Lt
15+15 Rt to POE	18’ HMA north lane	0’ Rt

MISCELLANEOUS ITEMS OF WORK QUANTITY

<u>Station</u>	<u>Description</u>
0+00	Intersection of Blue Star Highway, (Reference)
0+30 to 5+80	"Cold Milling HMA Surface" (550' x 28' -35' wide), 2,000 Syd
3+62 Lt	Begin valley curb
3+90 Rt	Begin valley curb
5+70 Lt & Rt	End valley curb
5+80	Begin "HMA Base Crushing and Shaping"
7+24 Lt	HMA driveway, "Pavement for Butt Joints, Rem", (24' x 6') 16 Syd
9+25 Lt	Gravel driveway
12+00 Lt	HMA driveway, "Pavement for Butt Joints, Rem", (150' x 6') 100 Syd
13+62 Lt	Gravel driveway
15+15 Rt	Begin guardrail, pave full width shoulder
15+99 Lt	Gravel driveway
16+44 Lt	Gravel driveway
16+70 Lt	Begin guardrail, pave full width shoulder
23+10 Lt & Rt	End full shoulder paving
23+10	POE, end "HMA Base Crushing and Shaping "and resurfacing

7. PH 3525 – GANGES TOWNSHIP – On 114th Avenue, Blue Star Highway to the I-196 overpass – 0.46 mile

ALLEGAN COUNTY ROAD COMMISSION
ALLEGAN, MICHIGAN

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod (64-28)	2,000 Ton		
Cold Milling HMA Surface	2,200 Syd		
HMA Base Crushing and Shaping	4,600 Syd		
Pavement Rem, Mod	20 Syd		
Pavement for Butt Joints, Rem	150 Syd		
Shoulder, CI II, LM	1,000 Cyd		
Approach, CI II, LM	50 Cyd		
Shoulder Prep	1 LS		
Pavement Marking, Waterborne, 4 inch, White	4,600 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	3,000 Ft		
Pavement Marking, Temporary	23 Sta		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID \$ _____

SIGNED: _____
(Bidder)

DATE: _____

8. PH 3527 – GUN PLAIN & MARTIN TOWNSHIPS – On 112th Avenue, 2nd Street to Marsh Road – 0.72 mile

BID AND AWARD

Date: _____

Board of County Road Commissioners
of Allegan County
1308 Lincoln Road
Allegan, MI 49010

Gentlemen:

The undersigned has examined the plans, specifications, and location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performance and understands that the quantities shown in the estimate are approximate only and are subject to either increase or decrease; and hereby proposes to furnish all necessary machinery, tools, apparatus, and other means of doing the work, do all the work, furnish all the materials except as otherwise specified herein, and, for the unit prices named in the accompanying unit price schedule, to complete work in strict accordance with the plans and specifications therefore.

The undersigned further proposes to do such extra work as may be ordered by you, prices for which are not included in the itemized bid, compensation therefore to be made on the basis agreed upon before such extra work is begun.

The undersigned agrees to complete all items of work on or before **August 31, 2018.**

The undersigned encloses a certified check, cashier's check, or Bid Bond representing 5% of the bid, in the amount of \$ _____, payable to the Allegan County Road Commission as a guarantee of good faith. If the contract is awarded to the undersigned and the undersigned fails to furnish satisfactory bonds to the Road Commission within fifteen (15) days after being given notice of award, said check shall be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

8. PH 3527 – GUN PLAIN & MARTIN TOWNSHIPS – On 112th Avenue, 2nd Street to Marsh Road – 0.72 mile

SCOPE OF THE WORK

The work will consist of preparing the existing surface then placing a “**HMA 4E1, Mod**” wedge in the left lane from Station 15+55 to 25+22, then a “**HMA 4E1, Mod**” surface course 28’ wide at an average yield of 275 lb/syd. A 1’ gravel shoulder will then be placed from the POB to POE except where valley curb or guardrail exists, locations are shown below.

The work shall also include furnishing and applying Bond Coat (included in HMA items), MDOT Standard Specifications MS-2a or SS-1h before placing both HMA courses. Bond Coat will be placed at the rate of 0.05 – 0.10 gallons per square yard prior to placing HMA.

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA and valley curb will be paid for as “**HMA 4E1, Mod**”.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to 7+60	28’ HMA	1’ Rt & Lt
7+60 to 7+88	30’ HMA	0’ Rt & Lt
7+88 to 8+36	Bridge Deck- No Resurfacing	
8+36 to 8+81	30’ HMA	0’ Rt & Lt
8+81 to POE	28’ HMA	1’ Rt & Lt

MISCELLANEOUS ITEMS OF WORK QUANTITY

<u>Station</u>	<u>Description</u>
0+00	Intersection of 2 nd Street (Reference)
0+12	POB, “Pavement for Butt Joints, Rem”, (100’ x15’) 167 Syd
1+20 Lt	Gravel driveway
2+64 Lt	Gravel driveway
7+56 Lt	Begin guardrail, pave full width shoulder
7+64 Rt	Begin guardrail, pave full width shoulder
7+88	Begin bridge deck, “Pavement for Butt Joints, Rem”, (32’ x 15’) 53 Syd
8+36	End bridge deck, “Pavement for Butt Joints, Rem”, (32’ x 15’) 53 Syd
8+37 Lt	End guardrail, end full width shoulder paving

MISCELLANEOUS ITEMS OF WORK QUANTITY (CON'T)

<u>Station</u>	<u>Description</u>
8+46 Lt	Gravel driveway
8+81 Rt	End guardrail, end full width shoulder paving
14+67 Rt	Gravel driveway
15+55 Lt	Begin crown correction wedging
25+22 Lt	End crown correction wedging
26+16 Lt	HMA driveway, "Pavement for Butt Joints, Rem", (164' x 6') 109 Syd
27+77	"Monument Box, Adj"
27+88	"Monument Box, Adj"
27+88 Lt	Gravel driveway
30+00 Lt	Gravel driveway
30+91 Lt	Gravel driveway
31+54 Rt	Gravel driveway
34+11 Lt	Gravel driveway
35+57 Lt	Gravel driveway
36+95	POE, "Pavement for Butt Joints, Rem", (100' x 15') 167 Syd
37+33	Intersection of Marsh Road (Reference)

8. PH 3527 – GUN PLAIN & MARTIN TOWNSHIPS – On 112th Avenue, 2nd Street to Marsh Road – 0.72 mile

ALLEGAN COUNTY ROAD COMMISSION
ALLEGAN, MICHIGAN

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod	2,300 Ton		
Monument Box, Adjust	2 Ea		
Pavement for Butt Joints, Rem	500 Syd		
Shoulder, CI II, LM	200 Cyd		
Approach, CI II, LM	1,000 Cyd		
Shoulder Prep	1 LS		
Pavement Marking, Waterborne, 4 inch, White	7,600 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	4,000 Ft		
Pavement Marking, Temporary	38 Sta		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID \$ _____

SIGNED: _____
(Bidder)

DATE: _____

9. PH 3529 – MARTIN TOWNSHIP – On Patterson Road, 124th Avenue to the Barry County Line – 0.40 mile

BID AND AWARD

Date: _____

Board of County Road Commissioners
of Allegan County
1308 Lincoln Road
Allegan, MI 49010

Gentlemen:

The undersigned has examined the plans, specifications, and location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performance and understands that the quantities shown in the estimate are approximate only and are subject to either increase or decrease; and hereby proposes to furnish all necessary machinery, tools, apparatus, and other means of doing the work, do all the work, furnish all the materials except as otherwise specified herein, and, for the unit prices named in the accompanying unit price schedule, to complete work in strict accordance with the plans and specifications therefore.

The undersigned further proposes to do such extra work as may be ordered by you, prices for which are not included in the itemized bid, compensation therefore to be made on the basis agreed upon before such extra work is begun.

The undersigned agrees to complete all items of work on or before **November 2, 2018.**

This project can be completed prior to May 25, 2018 or after September 3, 2018. No work is permitted between these dates.

The undersigned encloses a certified check, cashier's check, or Bid Bond representing 5% of the bid, in the amount of \$ _____, payable to the Allegan County Road Commission as a guarantee of good faith. If the contract is awarded to the undersigned and the undersigned fails to furnish satisfactory bonds to the Road Commission within fifteen (15) days after being given notice of award, said check shall be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

9. PH 3529 – MARTIN TOWNSHIP – On Patterson Road, 124th Avenue to the Barry County Line – 0.40 mile

SCOPE OF THE WORK

The work will consist of “**Cold Milling HMA Surface**” a depth of 2”, then placing a “**HMA 4E1, Mod**” leveling course 32’ wide at an average yield of 220 lb/syd, and a “**HMA 4E1, Mod**” surface course 32’ wide at an average yield of 165 lb/syd, A 1’ topsoil shoulder will then be placed from the POB to POE and restored. This project will include resurfacing approximately 200’ west of Patterson on 124th with one course of “**HMA 4E1 Mod**” at an average yield of 165 lb/syd; also, approximately 200’ north of 124th Avenue on Patterson Road one course of “**HMA 4E1 Mod**” at an average yield of 165 lb/syd.

The work shall also include furnishing and applying Bond Coat (included in HMA items), MDOT Standard Specifications MS-2a or SS-1h before placing both HMA courses. Bond Coat will be placed at the rate of 0.05 – 0.10 gallons per square yard prior to placing “**HMA 4E1, Mod**”.

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA and valley curb will be paid for as “**HMA 4E1, Mod**”.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Topsoil Shoulder Width</u>
POB to POE	32’ HMA	1’ Rt & Lt

MISCELLANEOUS ITEMS OF WORK QUANTITY

<u>Station</u>	<u>Description</u>
0+00	Intersection of Patterson (South) & Marsh Road, (Barry Co. Line)
0+35	POB, “Pavement for Butt Joints, Rem”, (50’ x15’) 83 Syd
1+23 Lt	Concrete driveway, “Pavement Rem, Mod” (20’ x10’) 22 Syd
1+65 Lt	Concrete driveway, “Pavement Rem, Mod” (20’ x10’) 22 Syd
2+35 Rt	HMA driveway, “Pavement for Butt Joints, Rem”, (18’ x 6’) 12 Syd
2+57 Lt	Concrete driveway, “Pavement Rem, Mod” (30’ x10’) 33 Syd
2+74 Rt	HMA driveway, “Pavement for Butt Joints, Rem”, (24’ x 6’) 16 Syd
2+88 Lt	Gravel driveway
3+45 Rt	HMA driveway, “Pavement for Butt Joints, Rem”, (50’ x 6’) 33 Syd
3+91 Lt	HMA driveway, “Pavement for Butt Joints, Rem”, (24’ x 6’) 16 Syd
4+17 Rt	HMA driveway, “Pavement for Butt Joints, Rem”, (20’ x 6’) 13 Syd

MISCELLANEOUS ITEMS OF WORK QUANTITY (CON'T)

<u>Station</u>	<u>Description</u>
4+45 Rt	Concrete driveway, "Pavement Rem, Mod" (24' x10') 27 Syd
4+63 Lt	Concrete driveway, "Pavement Rem, Mod" (24' x10') 27 Syd
4+96 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (18' x 6') 12 Syd
5+32 Lt	Concrete driveway, "Pavement Rem, Mod" (24' x10') 27 Syd
5+37 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (18' x 6') 12 Syd
5+66 Lt	Gravel driveway
6+14 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (18' x 6') 12 Syd
6+26 Lt	Gravel driveway
6+67 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (18' x 6') 12 Syd
7+20 Lt	Gravel driveway
7+39 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (18' x 6') 12 Syd
8+56 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (24' x 6') 16 Syd
8+86 Lt	Concrete driveway, "Pavement Rem, Mod" (30' x10') 33 Syd
9+07 Rt	Gravel driveway
9+23 Lt	Concrete driveway, "Pavement Rem, Mod" (24' x 10') 27 Syd
9+86 Lt	HMA driveway, "Pavement for Butt Joints, Rem", (18' x 6') 12 Syd
10+32 Lt	Concrete driveway, "Pavement Rem, Mod" (24' x10') 27 Syd
11+04 Lt	HMA driveway, "Pavement for Butt Joints, Rem", (30' x 6') 33 Syd
12+20 Lt	HMA driveway, "Pavement for Butt Joints, Rem", (30' x 6') 33 Syd
13+29 Lt	Concrete driveway, "Pavement Rem, Mod" (40' x10') 44 Syd
13+70 Lt	HMA driveway, "Pavement for Butt Joints, Rem", (24' x 6') 16 Syd
14+42 Lt	Concrete driveway, "Pavement Rem, Mod" (30' x 10') 33 Syd
14+81 Lt	Concrete driveway, "Pavement Rem, Mod" (24' x 10') 27 Syd
15+94 Lt	Concrete driveway, "Pavement Rem, Mod" (30' x 10') 33 Syd
16+51 Rt	Concrete driveway, "Pavement Rem, Mod" (24' x 10' 27 Syd)
16+75 Rt	Concrete driveway, "Pavement Rem, Mod" (16' x 10') 18 Syd
16+93 Lt	Gravel driveway
17+17 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (24' x 6') 16 Syd
17+35 Lt	HMA driveway, "Pavement for Butt Joints, Rem", (30' x 6') 20 Syd
17+69 Rt	Gravel driveway
18+44 Rt	Gravel driveway
19+57	"Monument Box, Adj"
19+57 Lt	"Manhole, Adj"
19+57 Lt	Intersection of 124 th Avenue (Reference)
19+57 Lt	200' west on 124 th Avenue, HMA driveway, "Pavement for Butt Joints, Rem", (28' x 15') 47 Syd and cover the entire west leg of 124 th
19+75 Rt	HMA driveway, "Pavement for Butt Joints, Rem", (50' x 6') 33 Syd
20+62 Lt	HMA driveway, "Pavement for Butt Joints, Rem", (30' x 6') 20 Syd
21+62	POE, "Pavement for Butt Joints, Rem", (32' x 15') 53 Syd

9. 3529 – MARTIN TOWNSHIP – On Patterson Road, 124th Avenue to the Barry County Line – 0.40 mile

ALLEGAN COUNTY ROAD COMMISSION
ALLEGAN, MICHIGAN

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod	1,800 Ton		
Monument Box, Adjust	1 Ea		
Manhole, Adj	1 Ea		
Pavement Rem, Mod	450 Syd		
Pavement for Butt Joints, Rem	500 Syd		
Pavement Marking, Waterborne, 4 inch, White	5,200 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	3,000 Ft		
Pavement Marking, Temporary	25 Sta		
Shoulder, CI II, LM	50 Cyd		
Approach, CI II, LM	80 Cyd		
Topsoil Shoulder, LM	100 Cyd		
Restoration	1 LS		
Shoulder Prep	1 LS		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID \$ _____

SIGNED: _____
(Bidder)

DATE: _____

10. PH 3532 – ALLEGAN TOWNSHIP – On 122nd Ave, Dumont Road to 30th Street – 1.86 miles

BID AND AWARD

Date: _____

Board of County Road Commissioners
of Allegan County
1308 Lincoln Road
Allegan, MI 49010

Gentlemen:

The undersigned has examined the plans, specifications, and location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performance and understands that the quantities shown in the estimate are approximate only and are subject to either increase or decrease; and hereby proposes to furnish all necessary machinery, tools, apparatus, and other means of doing the work, do all the work, furnish all the materials except as otherwise specified herein, and, for the unit prices named in the accompanying unit price schedule, to complete work in strict accordance with the plans and specifications therefore.

The undersigned further proposes to do such extra work as may be ordered by you, prices for which are not included in the itemized bid, compensation therefore to be made on the basis agreed upon before such extra work is begun.

The undersigned agrees to complete all items of work on or before **August 31, 2018.**

The undersigned encloses a certified check, cashier's check, or Bid Bond representing 5% of the bid, in the amount of \$ _____, payable to the Allegan County Road Commission as a guarantee of good faith. If the contract is awarded to the undersigned and the undersigned fails to furnish satisfactory bonds to the Road Commission within fifteen (15) days after being given notice of award, said check shall be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

10. PH 3532 – ALLEGAN TOWNSHIP – On 122nd Ave, Dumont Road to 30th Street – 1.86 miles

SCOPE OF THE WORK

The work will consist of preparing the existing surface then placing a “**HMA, Ultra-Thin, High Volume**” surface course 30’-32’ wide at an average yield of 110 lb/syd. **No RAP is permitted in the mix design.**

The work shall also include furnishing and applying Bond Coat (included in HMA items), MDOT Standard Specifications MS-2a or SS-1h before placing HMA courses. Bond Coat will be placed at the rate of 0.05 – 0.10 gallons per square yard prior to placing HMA.

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA and valley curb will be paid for as “**HMA, Ultra-Thin, High Volume**”.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to 7+00	32’ HMA	1’ Rt & Lt
7+00 to POE	30’ HMA	1’ Rt & Lt

MISCELLANEOUS ITEMS OF WORK QUANTITY

<u>Station</u>	<u>Description</u>
0+00	Intersection of Dumont & 122nd / Reference
0+15	POB, “Pavement for Butt Joints, Rem”, (100’ x 15’) 167 Syd
2+07LT	Gravel driveway
4+36RT	HMA Drive, “Pavement for Butt Joints, Rem”, (20’ x 6’) 13 Syd
13+11	“Monument Box, Adj”
13+11	Intersection of 122nd & 33rd, “Pavement for Butt Joints, Rem” (40’ x 15’) 67 Syd
16+99LT	HMA Drive, “Pavement for Butt Joints, Rem” (35’ x 6’) 23 Syd
20+01LT	HMA Drive, “Pavement for Butt Joints, Rem” (40’ x 6’) 27 Syd
23+86RT	Gravel Drive
25+74LT	Gravel Drive
27+88LT	Field Drive

MISCELLANEOUS ITEMS OF WORK QUANTITY (CON'T)

<u>Station</u>	<u>Description</u>
30+81RT	Field Drive
34+90RT	Field Drive
40+01	"Monument Box, Adj"
42+53LT	Field Drive
45+16LT	Gravel Drive
45+16RT	Field Drive
48+82LT	Field Drive
51+87RT	Gravel Drive
53+30RT	Field Drive
60+31RT	Conc Drive, "Pavement Rem, Mod" (18' x 10') 20 Syd
61+46LT	HMA Drive, "Pavement for Butt Joints, Rem", (18' x 6') 24 Syd
62+52LT	HMA Drive, "Pavement for Butt Joints, Rem", (24' x 6') 16 Syd
66+54	"Monument Box, Adj"
67+32LT	Gravel Drive
68+77LT	HMA Drive, "Pavement for Butt Joints, Rem", (75' x 6') 50 Syd
75+53LT	Gravel Drive
81+83LT	Millings Drive (ACRC crew will add millings after paving)
82+52RT	HMA Drive, "Pavement for Butt Joints, Rem", (24' x 6') 16 Syd
84+80RT	Conc Drive, "Pavement Rem, Mod" (24' x 10') 27 Syd
89+91LT	Gravel Drive
95+70	POE, "Pavement for Butt Joints, Rem" (40' x 6') 27 Syd
95+92	Intersection of 122nd & 30rd / Reference

10. PH 3532 – ALLEGAN TOWNSHIP – On 122nd Ave, Dumont Road to 30th Street – 1.86 miles

ALLEGAN COUNTY ROAD COMMISSION
ALLEGAN, MICHIGAN

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, Ultra-Thin, High Volume	1,900 Ton		
Monument Box, Adjust	3 Ea		
Pavement for Butt Joints, Rem	400 Syd		
Pavement Rem, Mod	50 Syd		
Shoulder, CI II, LM	100 Cyd		
Approach, CI II, LM	80 Cyd		
Shoulder Prep	1 LS		
Pavement Marking, Waterborne, 4 inch, White	19,500 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	12,000 Ft		
Pavement Marking, Temporary	98 Sta		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID \$ _____

SIGNED: _____
(Bidder)

DATE: _____

11. ALLEGAN COUNTY ROAD COMMISSION – Allegan Garage parking lot paving.

BID AND AWARD

Date: _____

Board of County Road Commissioners
of Allegan County
1308 Lincoln Road
Allegan, MI 49010

Gentlemen:

The undersigned has examined the plans, specifications, and location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performance and understands that the quantities shown in the estimate are approximate only and are subject to either increase or decrease; and hereby proposes to furnish all necessary machinery, tools, apparatus, and other means of doing the work, do all the work, furnish all the materials except as otherwise specified herein, and, for the unit prices named in the accompanying unit price schedule, to complete work in strict accordance with the plans and specifications therefore.

The undersigned further proposes to do such extra work as may be ordered by you, prices for which are not included in the itemized bid, compensation therefore to be made on the basis agreed upon before such extra work is begun.

The undersigned agrees to complete all items of work on or before **November 2, 2018.**

This project will be ready to pave on or about July 5, 2018.

The undersigned encloses a certified check, cashier's check, or Bid Bond representing 5% of the bid, in the amount of \$ _____, payable to the Allegan County Road Commission as a guarantee of good faith. If the contract is awarded to the undersigned and the undersigned fails to furnish satisfactory bonds to the Road Commission within fifteen (15) days after being given notice of award, said check shall be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

11. ALLEGAN COUNTY ROAD COMMISSION – Allegan Garage parking lot paving.

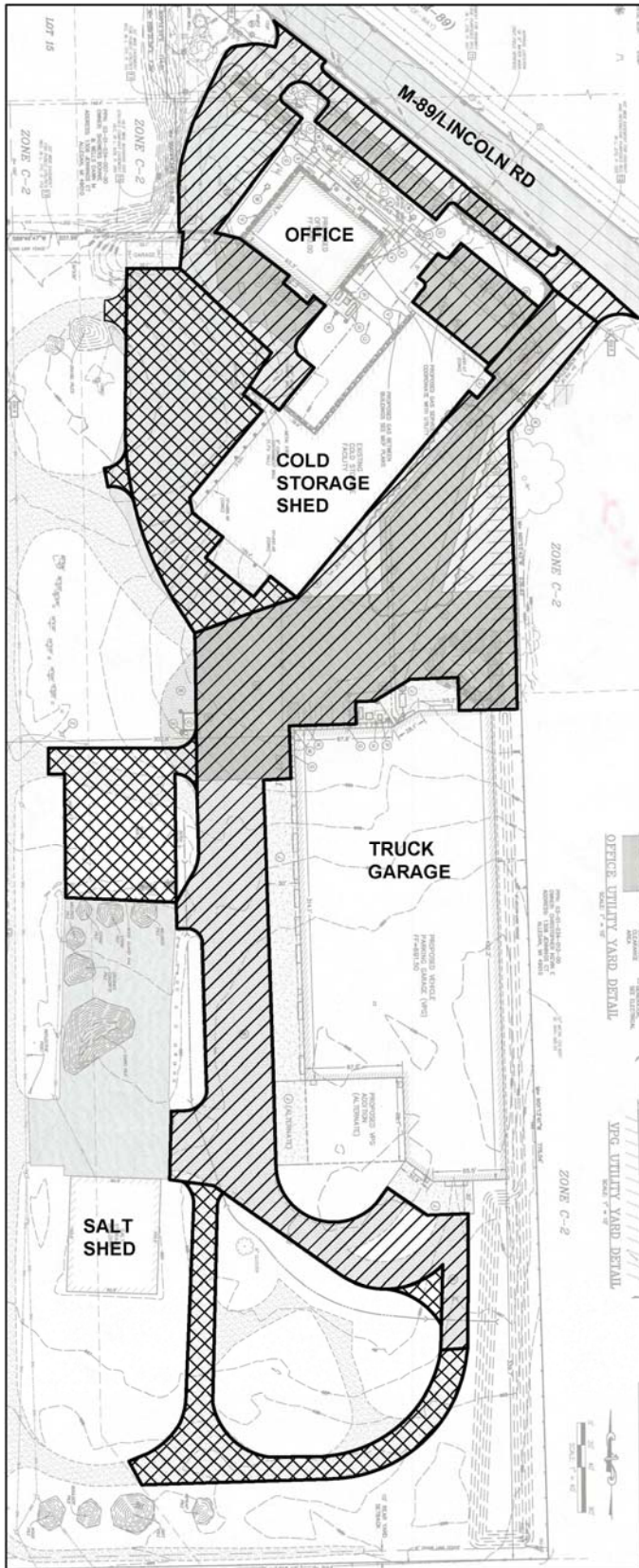
SCOPE OF THE WORK

The work will consist of milling butt joints along all concrete curbs and approaches as marked by the Engineer in the field, preparing the existing surface including conditioning the existing aggregate base, placing a “**HMA 4E1, Mod (64-28)**” leveling course at an average yield of 220 lb/syd, and a “**HMA 4E1, Mod (64-28)**” surface course at an average yield of 220 lb/syd in the areas indicated on the following page. The remaining parking lot will consist of placing a “**HMA 4E1, Mod (64-28)**” surface course at an average yield of 220 lb/syd.

The work shall also include furnishing and applying Bond Coat (included in HMA items), MDOT Standard Specifications MS-2a or SS-1h. Bond Coat will be placed at the rate of 0.05 – 0.10 gallons per square yard prior to placing HMA surface course.

The area requiring a leveling course and surface course is approximately 6,500 syd. The area requiring only a surface course is approximately 15,000 syd.

Contact Jason Edwards at 269-673-2184 to schedule a review of the site covered in this proposal.



NO SCALE

**Alleghen County Road
Commission Garage**

LEGEND



SURFACE WITH 220 #/SYD HMA, 4E1, MOD (TOP).



RESURFACE WITH 220#/SYD HMA, 4E1, MOD (LEVELING); AND 220#/SYD HMA, 4E1, MOD (TOP)

11. ALLEGAN COUNTY ROAD COMMISSION – Allegan Garage parking lot improvements

ALLEGAN COUNTY ROAD COMMISSION
ALLEGAN, MICHIGAN

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod (64-28)	3,500 Ton		
Conditioning Aggregate Base	6,500 Syd		
Pavement for Butt Joints, Rem	1,200 Syd		

TOTAL OF BID \$ _____

SIGNED: _____
(Bidder)

DATE: _____