

NAME OF CONTRACTOR: _____

PROPOSAL AND SPECIFICATIONS
FOR
COUNTY PRIMARY HOT MIX ASPHALT PAVING

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

MARCH 20, 2019

1. PH 3539 – GANGES & SAGATUCK TOWNSHIPS – 62nd Street, 120th Avenue to 128th Avenue – 4.06 miles
2. PH 3541 – OVERISEL & SALEM TOWNSHIPS – 142nd Avenue, 440' East of 38th Street to 34th Street – 1.96 miles
3. PH 3542 – HEATH TOWNSHIP – 134th Avenue, M-40 to 41st Street (South) – 2.34 miles
4. PH 3544 – GUN PLAIN TOWNSHIP – Douglas Avenue (10th Street), from Baseline Road to Starr Road – 1.22 miles
5. PH 3556 – FILLMORE TOWNSHIP – 56th Street, 136th Avenue to 141st Avenue – 2.56 miles
6. PH 3557 – WAYLAND TOWNSHIP – Patterson Road, 124th Avenue to 129th Avenue – 2.53 miles
7. PH 3558 – CHESHIRE TOWNSHIP – 46th Street, 104th Avenue (west) to 106th Avenue – 1.01 miles
8. PH 3559 – CHESHIRE TOWNSHIP – 104th Avenue, 48th Street to 46th Street – 0.99 miles
9. PH 3560 – LAKETOWN TOWNSHIP – 64th Street, Blue Star Highway to 1,000' south of 138th Avenue – 0.90 miles
10. PH 3561 – GANGES TOWNSHIP – Lakeshore Drive, 118th Avenue to 121st Avenue – 1.31 miles

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 20, 2019, 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) in Cheshire, Fillmore, Ganges, Gun Plain, Heath, Laketown, Overisel, Salem, Saugatuck, And Wayland 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

John Kleinheksel, Chairman
James Rybicki, Vice-Chairman
Larry Brown, 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 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 will be two courses where the concrete approach is removed. The work will 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.

Performance Grade Asphaltic Cement Bituminous Material will be PG 64-22 unless specified on the individual bid sheets as PG 64-28.

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.

Shoulder material must be placed within 14 calendar days of paving completion. After 14 days, liquidated damages will be assessed in accordance with section 108.10 of the 2012 Standard Specifications for Construction.

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.

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

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, 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.

Pavement Markings must be placed within 14 calendar days of shoulder completion. After this time, liquidated damages will be assessed in accordance with section 108.10 of the 2012 Standard Specifications for Construction.

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

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.

Pavement Markings must be placed within 14 calendar days of shoulder completion. After this time, liquidated damages will be assessed in accordance with section 108.10 of the 2012 Standard Specifications for Construction.

PAVEMENT MARKING, WATERBORNE, 4-INCH, WHITE (CON'T)

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, 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. This item will also include placing and maintaining "low shoulder" signs throughout the project until shoulder placement is complete. Traffic control will be done in accordance with Standard Specifications and the Michigan Manual of Uniform Traffic Control Devices.

TRAFFIC CONTROL DEVICES (CON'T)

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

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

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.

Shoulder material must be placed within 14 calendar days of paving completion. After this time, liquidated damages will be assessed in accordance with section 108.10 of the 2012 Standard Specifications for Construction.

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. The contractor will be required to re-seed if less than 75% of the restored area does not get established.

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

CONDITIONING AGGREGATE BASE, MOD

Shape the existing Aggregate Base Course to a 2% cross-slope (or as directed by the Engineer) within a tolerance of ±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 CONDITIONING AGGREGATE BASE, MOD

The item of “Conditioning Aggregate Base, Mod” will be paid for by the Station.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Conditioning Aggregate Base, Mod	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 SURFACE CSE

This item will include all labor, material, and equipment required to add MDOT 22A gravel to the HMA surface prior to pulverizing and mixed thoroughly with the existing material. Place gravel 2-3” thick or as directed by the Engineer. This item may also be used to add additional aggregate after pulverizing.

METHOD OF PAYMENT FOR AGGREGATE SURFACE CSE

The item of “Aggregate Surface Cse” will be paid for by the ton.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Aggregate Surface Cse	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

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 will be entirely stripped of vegetation between the existing asphalt edge and the beginning of the ditch fore slope. Any excess material will be removed and disposed outside the road right-of-way 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	Lump Sum

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 3539 – GANGES & SAGATUCK TOWNSHIPS – 62nd Street, 120th Avenue to 128th Avenue
– 4.06 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 14, 2019.**

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 3539 – GANGES & SAGATUCK TOWNSHIPS – 62nd Street, 120th Avenue to 128th Avenue – 4.06 miles

SCOPE OF THE WORK

The work will consist of preparing the existing surface, then placing a “**HMA 4E1, Mod**” top course 30’ wide at an average yield of 275 lb/syd. A 1’ gravel shoulder will then be placed from the POB to POE.

HMA Widths:

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

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>
0+00	Intersection of 120 th Avenue & 62 nd Street (Reference)
0+40	POB, "Pavement for Butt Joints, Rem" (30' x 15') 50 Syd
1+94 Rt	Field Drive, "Approach CI II, LM"
4+59 Rt	Field Drive, "Approach CI II, LM"
6+38 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
13+15 Lt	Gravel Drive, "Approach CI II, LM"
13+66 Lt	Gravel Drive, "Approach CI II, LM"
15+78 Lt	Gravel Drive, "Approach CI II, LM"
16+32 Rt	Gravel Drive, "Approach CI II, LM"
19+12 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 6') 11 Syd
19+61 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 6') 11 Syd
20+53 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (28' x 6') 19 Syd
22+49 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (14' x 6') 10 Syd
23+94 Rt	Gravel Drive, "Approach CI II, LM"
27+07 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 6') 11 Syd
31+26 Rt	Concrete Drive, "Pavement Rem, Mod" (22' x 6') 15 Syd
32+26 Rt	Field Drive, "Approach CI II, LM"
32+26 Lt	Gravel Drive, "Approach CI II, LM"

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
34+41 Rt	Gravel Drive, "Approach CI II, LM"
36+59 Lt	Gravel Drive, "Approach CI II, LM"
38+17 Rt	Field Drive, "Approach CI II, LM"
42+49 Lt	Gravel Drive, "Approach CI II, LM"
47+44 Lt	Gravel Drive, "Approach CI II, LM" (50' wide)
50+13 Lt	Gravel Drive, "Approach CI II, LM"
50+88 Lt	Gravel Drive, "Approach CI II, LM"
52+63	"Monument Box, Adj"
52+71 Rt & Lt	Intersection of 122 nd Avenue, "Pavement for Butt Joints, Rem" (40' x 15') (40' x 15') 134 Syd
58+22 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
58+30 Rt	Gravel Drive, "Approach CI II, LM"
61+13 Rt	Gravel Drive, "Approach CI II, LM"
63+01 Lt	Field Drive, "Approach CI II, LM"
65+05 Lt	Gravel Drive, "Approach CI II, LM"
67+33 Lt	Gravel Drive, "Approach CI II, LM"
70+78 Rt	Gravel Drive, "Approach CI II, LM"
72+15 Lt	Gravel Drive, "Approach CI II, LM"
78+92	"Monument Box, Adj"
79+48 Rt	Gravel Drive, "Approach CI II, LM"
85+97 Lt	Gravel Drive, "Approach CI II, LM" (100' wide)
87+27 Rt	Gravel Drive, "Approach CI II, LM"
96+36 Rt	Gravel Drive, "Approach CI II, LM"
100+23 Lt	Field Drive, "Approach CI II, LM"
104+26 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 6') 11 Syd
106+47 Lt	Field Drive, "Approach CI II, LM"
107+58 Lt	Gravel Drive, "Approach CI II, LM"
109+06	South side of M-89, "Pavement for Butt Joints, Rem" (45' x 15') 75 Syd
109+50	Centerline of M-89 (Reference)
109+78	North side of M-89, "Pavement for Butt Joints, Rem" (50' x 15') 84 Syd
116+70 Lt	Gravel Drive, "Approach CI II, LM"
118+93 Rt	Field Drive, "Approach CI II, LM"
119+98 Rt	Gravel Drive, "Approach CI II, LM"
121+65 Rt	Gravel Drive, "Approach CI II, LM"
125+44 Rt	Gravel Drive, "Approach CI II, LM"
134+65 Rt	Gravel Drive, "Approach CI II, LM"
135+64	"Monument Box, Adjust"
138+30 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (15' x 12') 20 Syd
140+17 Lt	Gravel Drive, "Approach CI II, LM"
145+99 Rt	Gravel Drive, "Approach CI II, LM"

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
148+71 Lt	Field Drive, "Approach CI II, LM"
149+00 Rt	Gravel Drive, "Approach CI II, LM"
152+08 Rt	Gravel Drive, "Approach CI II, LM"
153+89 Lt	Gravel Drive, "Approach CI II, LM"
156+14 Lt	Gravel Drive, "Approach CI II, LM"
156+78 Rt	Gravel Drive, "Approach CI II, LM"
157+87 Rt	Gravel Drive, "Approach CI II, LM"
159+31 Lt	Gravel Drive, "Approach CI II, LM"
161+52 Rt & Lt	Intersection of 126 th Avenue, "Pavement for Butt Joints, Rem" (50' x 6') (50' x 6') 67 Syd
161+52	"Monument Box, Adj"
168+64 Rt	Gravel Drive, "Approach CI II, LM"
171+16 Rt	Gravel Drive, "Approach CI II, LM"
175+81 Lt	Gravel Drive, "Approach CI II, LM"
176+52 Rt	Field Drive, "Approach CI II, LM"
176+52 Lt	Gravel Drive, "Approach CI II, LM"
186+49 Rt	Gravel Drive, "Approach CI II, LM"
187+64 Rt & Lt	Intersection of 127 th Avenue, "Pavement for Butt Joints, Rem" (40' x 15') (40' x 15') 134 Syd
187+64	"Monument Box, Adj"
189+22 Lt	Gravel Drive, "Approach CI II, LM"
191+79 Lt	Gravel Drive, "Approach CI II, LM"
192+94 Lt	Gravel Drive, "Approach CI II, LM"
194+78 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (22' x 6') 15 Syd
197+85 Lt	Gravel Drive, "Approach CI II, LM"
199+47 Lt	Gravel Drive, "Approach CI II, LM"
204+47	Gravel Drive, "Approach CI II, LM"
213+84 Rt	Intersection of 128 th Avenue, "Pavement for Butt Joints, Rem" (40' x 15') 67 Syd
213+84	"Monument Box, Adj"
214+01 Lt	Gravel Drive, "Approach CI II, LM"
214+60	POE, "Pavement for Butt Joints, Rem" (30' x 12') 40 Syd

1. PH 3539 – GANGES & SAGATUCK TOWNSHIPS – 62nd Street, 120th Avenue to 128th Avenue – 4.06 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod	10,600 Tons		
Pavement for Butt Joints, Rem	800 Syd		
Pavement Rem, Mod	30 Syd		
Shoulder Prep	1 LS		
Shoulder CI II, LM	400 Cyd		
Approach, CI II, LM	450 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavement Marking, Temporary	214 Sta		
Pavement Marking, Waterborne, 4-inch, Yellow	15,600 Ft		
Pavement Marking, Waterborne, 4-inch, White	42,000 Ft		
Monument Box, Adj.	6 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
 (Bidder)

2. PH 3541 – OVERISEL & SALEM TOWNSHIPS – 142nd Avenue, 440' East of 38th Street to 34th Street – 1.96 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 14, 2019.**

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 3541 – OVERISEL & SALEM TOWNSHIPS – 142nd Avenue, 440' East of 38th Street to 34th Street – 1.96 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.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to 14+57	32' HMA	1' Rt & Lt
14+57 to 16+48	42' HMA	1' Rt & Lt
16+48 to POE	32' HMA	1' Rt & Lt

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>
0+00	Monument Box at Intersection of 38 th Street & 142 nd Avenue (Reference)
4+40	POB, "Pavement for Butt Joints, Rem" (32' x 15') 54 Syd
5+31 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
6+91 Rt	Concrete Drive, "Pavement Rem, Mod" (24' x 6') 16 Syd
8+28 Rt	Concrete Drive, "Pavement Rem, Mod" (20' x 6') 14 Syd
9+62 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (24' x 6') 16 Syd
10+78 Rt	Gravel Drive, "Approach CI II, LM"
12+14 Lt	Field Drive, "Approach CI II, LM"
12+70 Rt	Begin Guardrail
13+15 Lt	Gravel Drive, "Approach CI II, LM"
13+26 Lt	Begin Guardrail
13+54	Bridge/Culverts (Reference)
14+57 Rt	Begin 10' widening
14+57 Rt	End Guardrail
15+15 Lt	End Guardrail
15+78 Rt	Intersection of Spring Meadow Dr. (pvt), "Pavement for Butt Joints, Rem" (60' x 6') 40 Syd

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
16+84 Rt	End 10' Widening
21+55 Rt	HMA Millings Drive (ACRC will add millings after paving)
22+69 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (22' x 6') 15 Syd
22+72 Lt	Begin Guardrail
25+50 Lt	End Guardrail
26+30	"Monument Box, Adj"
27+09 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (20' x 6') 14 Syd
28+77 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (20' x 6') 14 Syd
31+69 Rt	Concrete Drive, "Pavement Rem, Mod" (20' x 8') 18 Syd
37+42 Rt	Field Drive, "Approach CI II, LM"
41+58 Lt	Gravel Drive, "Approach CI II, LM"
42+47 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 6') 11 Syd
42+95 Rt	Field Drive, "Approach CI II, LM"
44+32 Lt	Gravel Drive, "Approach CI II, LM"
48+21 Lt	Concrete Drive, "Pavement Rem, Mod" (22' x 8') 20 Syd
51+36 Rt	Gravel Drive, "Approach CI II, LM"
52+25 Lt	Intersection of 36 th Street (North), "Pavement for Butt Joints, Rem" (45' x 12') 60 Syd
52+25 Lt	"Monument Box, Adj" (on 36 th Street Approach)
59+27 Rt	Gravel Drive, "Approach CI II, LM"
59+27 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (22' x 6') 15 Syd
60+46 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (15' x 6') 10 Syd
61+94 Rt	HMA Drive, Feather
63+19 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 6') 11 Syd
64+75 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
65+33 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
65+74 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (24' x 6') 16 Syd
69+41 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
70+27 Rt	Gravel Drive, "Approach CI II, LM"
77+09 Rt	Gravel Drive, "Approach CI II, LM"
77+38 Lt	Gravel Drive, "Approach CI II, LM"
80+84 Rt	Intersection of 35 th Street (South), "Pavement for Butt Joints, Rem" (60' x 12') 80 Syd
80+84	"Monument Box, Adj"
81+45 Rt	Begin Guardrail
82+00 Lt	Field Drive, "Approach CI II, LM"
85+04 Rt	End Guardrail
87+86 Rt	Field Drive, "Approach CI II, LM"
89+33 Lt	Gravel Drive, "Approach CI II, LM"
93+01 Rt	Gravel Drive, "Approach CI II, LM"

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
93+68 Lt	Gravel Drive, "Approach CI II, LM"
96+01 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
97+61 Rt	Gravel Drive, "Approach CI II, LM"
105+17 Rt	Field Drive, "Approach CI II, LM"
107+22 Rt	Intersection of 34 th Street (South), "Approach CI II, LM"
107+22 Lt	Intersection of 34 th Street (North), "Pavement for Butt Joints, Rem" (50' x 12') 67 Syd
107+22	"Monument Box, Adj"
107+74	POE, "Pavement for Butt Joints, Rem" (32' x 15') 54 Syd

2. PH 3541 – OVERISEL & SALEM TOWNSHIPS – 142nd Avenue, 440' East of 38th Street to 34th Street – 1.96 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod	5,500 Tons		
Pavement for Butt Joints, Rem	540 Syd		
Pavement Rem, Mod	80 Syd		
Shoulder Prep	1 LS		
Shoulder CI II, LM	200 Cyd		
Approach, CI II, LM	150 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavement Marking, Temporary	103 Sta		
Pavement Marking, Waterborne, 4-inch, Yellow	7,700 Ft		
Pavement Marking, Waterborne, 4-inch, White	20,500 Ft		
Monument Box, Adj.	4 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
 (Bidder)

3. PH 3542 – HEATH TOWNSHIP – 134th Avenue, M-40 to 41st Street (South) – 2.34 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 14, 2019.**

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 3542 – HEATH TOWNSHIP – 134th Avenue, M-40 to 41st Street (South) – 2.34 miles

SCOPE OF THE WORK

The work will consist of “**Cold Milling HMA Surface**” an average depth of 2” then placing a “**HMA 4E1, Mod**” surface course 30’ wide at an average yield of 220 lb/syd. A 1-2’ gravel shoulder will then be placed from the POB to POE except concrete curb or guardrail exists, locations are shown below.

All cold milled HMA material will be hauled by the contractor and stockpiled at the Allegan County Road Commission Diamond Springs Garage at 3667 136th Ave Hamilton, MI 49419.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to 12+75	30’ HMA	1’-2’ Rt & Lt
12+75 to 15+88	39’ HMA	1’-2’ Rt & Lt
15+88 to POE	30’ HMA	1’-2’ Rt & Lt

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>
0+00	East edge of M-40 (Reference)
1+16	POB, Begin HMA Cold Milling
1+16 Rt & Lt	Concrete Curb & Gutter, Mill and Pave HMA to edge of concrete
2+30 Rt	End Concrete Curb & Gutter
2+66 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (40' x 3') 14 Syd
3+31 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (35' x 3') 12 Syd
3+42 Rt	Gravel Drive, "Approach CI II, LM"
4+14 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (40' x 3') 14 Syd
5+35 Lt	End Concrete Curb & Gutter
8+23 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (40' x 3') 14 Syd
9+57 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (30' x 3') 10 Syd
12+49 Rt	Gravel Drive, "Approach CI II, LM"
12+75 Lt	Begin 9' Widening
12+93 Lt	Begin Concrete Curb & Gutter, Mill and Pave to edge of concrete
13+57 Lt	HMA Drive, Mill to edge of Concrete Gutter
13+99 Lt	End Concrete Curb & Gutter
14+45 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (40' x 3') 14 Syd

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
15+63 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (30' x 3') 10 Syd
15+88 Lt	End 9' Widening
17+04 Lt	Gravel Drive, "Approach CI II, LM"
17+48 Rt	HMA Millings Drive (ACRC will add millings after paving)
18+77 Rt	Concrete Drive, "Pavement Rem, Mod" (24' x 8') 22 Syd
19+85 Lt	Concrete Drive, "Pavement Rem, Mod" (18' x 6') 12 Syd
21+60 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (50' x 3') 17 Syd
24+85 Rt	Gravel Drive, "Approach CI II, LM"
27+01 Lt	Gravel Drive, "Approach CI II, LM"
28+48 Lt	Concrete Drive w/ gravel approach, Pave Approach
28+97 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 3') 6 Syd
31+17 Rt	Gravel Drive, "Approach CI II, LM"
33+28 Lt	Concrete Drive, "Pavement Rem, Mod" (18' x 7') 14 Syd
33+78 Lt	Concrete Drive, "Pavement Rem, Mod" (14' x 7') 11 Syd
34+61 Rt	Concrete Drive, "Pavement Rem, Mod" (13' x 6') 9 Syd
34+85 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (20' x 3') 7 Syd
35+20 Rt	Field Drive, "Approach CI II, LM"
43+22 Rt	Gravel Drive, "Approach CI II, LM"
43+22 Lt	Field Drive, "Approach CI II, LM"
45+37 Rt & Lt	Intersection of 44 th Street, "Pavement for Butt Joints, Rem" (24' x 12') (24' x 12') 64 Syd
45+37	"Monument Box, Adj"
46+11 Rt	Field Drive, "Approach CI II, LM"
46+44 Lt	Gravel Drive, "Approach CI II, LM"
47+62 Lt	Field Drive, "Approach CI II, LM"
50+56 Rt	Field Drive, "Approach CI II, LM"
51+55 Rt	HMA Millings Drive (ACRC will add millings after paving)
52+34 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (20' x 4') 9 Syd
53+16 Rt	Field Drive, "Approach CI II, LM"
58+52 Rt	Field Drive, "Approach CI II, LM"
62+77 Rt	Field Drive, "Approach CI II, LM"
63+91 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (10' x 10') 12 Syd
64+48 Lt	Field Drive, "Approach CI II, LM"
64+78 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (12' x 6') 8 Syd
66+11 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (12' x 15') 20 Syd
66+31 Lt	Gravel Drive, "Approach CI II, LM"
67+95 Lt	Gravel Drive, "Approach CI II, LM"
68+28 Rt	Gravel Drive, "Approach CI II, LM"
69+57 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 8') 15 Syd
69+63 Lt	Begin Guardrail

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
69+86 Rt	Begin Guardrail
71+11 Rt	End Guardrail
71+39 Lt	End Guardrail
71+69	"Monument Box, Adj"
72+35 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (24' x 3') 8 Syd
72+88 Lt	Gravel Drive, "Approach CI II, LM"
73+15 Rt	Field Drive, "Approach CI II, LM"
75+80 Lt	Field Drive, "Approach CI II, LM"
76+04 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (14' x 7') 11 Syd
76+99 Rt	Field Drive, "Approach CI II, LM"
77+20 Lt	Gravel Drive, "Approach CI II, LM"
77+64 Lt	Gravel Drive, "Approach CI II, LM"
79+38 Rt	Field Drive, "Approach CI II, LM"
79+51 Lt	Gravel Drive, "Approach CI II, LM"
80+86 Rt	Gravel Drive, "Approach CI II, LM"
81+63 Lt	Gravel Drive, "Approach CI II, LM"
82+49 Rt	Begin Guardrail
82+53 Lt	Begin Guardrail
84+62 Rt	End Guardrail
84+91 Lt	End Guardrail
85+91 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 8') 16 Syd
86+13 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 8') 16 Syd
88+21 Rt	Field Drive, "Approach CI II, LM"
89+15 Lt	HMA Millings Drive (ACRC will add millings after paving)
90+68 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (20' x 3') 7 Syd
92+40 Lt	Gravel Drive, "Approach CI II, LM"
92+92 Lt	Gravel Drive, "Approach CI II, LM"
94+01 Lt	Field Drive, "Approach CI II, LM"
94+90 Lt	Field Drive, "Approach CI II, LM"
95+92 Lt	Field Drive, "Approach CI II, LM"
98+04 Rt	Intersection of 42 nd Street, "Pavement for Butt Joints, Rem" (35' x 12') 47 Syd
98+04	"Monument Box, Adj"
98+33 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (30' x 3') 10 Syd
102+95 Rt	Concrete Drive, "Pavement Rem, Mod" (14' x 8') 13 Syd
103+22 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 3') 6 Syd
105+36 Rt	Gravel Drive, "Approach CI II, LM"
106+18 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (15' x 3') 5 Syd
107+28 Lt	Gravel Drive, "Approach CI II, LM"
109+49 Rt	Concrete Drive, "Pavement Rem, Mod" (15' x 8') 14 Syd
110+78 Rt	Gravel Drive, "Approach CI II, LM"

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
111+17 Lt	Intersection of 41st Street (North), "Pavement for Butt Joints, Rem" (40' x 12') 54 Syd
111+17	"Monument Box, Adj"
112+40 Rt	Gravel Drive, "Approach CI II, LM"
114+93 Rt	Gravel Drive, "Approach CI II, LM"
116+65 Lt	Gravel Drive, "Approach CI II, LM"
117+41 Lt	Field Drive, "Approach CI II, LM"
118+76 Lt	Field Drive, "Approach CI II, LM"
121+35 Lt	Field Drive, "Approach CI II, LM"
124+29 Rt	Intersection of 41st Street (South), "Pavement for Butt Joints, Rem" (40' x 12') 54 Syd
124+29	"Monument Box, Adj"
124+56	POE, End HMA Cold Milling

3. PH 3542 – HEATH TOWNSHIP – 134th Avenue, M-40 to 41st Street (South) – 2.34 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
Cold Milling HMA Surface	41,500 Syd		
HMA 4E1, Mod	4,900 Tons		
Pavement for Butt Joints, Rem	500 Syd		
Pavement Rem, Mod	100 Syd		
Shoulder Prep	1 LS		
Shoulder CI II, LM	150 Cyd		
Approach, CI II, LM	200 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavement Marking, Temporary	124 Sta		
Pavement Marking, Waterborne, 4-inch, Yellow	15,800 Ft		
Pavement Marking, Waterborne, 4-inch, White	24,500 Ft		
Monument Box, Adj.	5 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
(Bidder)

4. PH 3544 – GUN PLAIN TOWNSHIP – Douglas Avenue (10th Street), from Baseline Road to Starr Road – 1.22 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 14, 2019.**

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 3544 – GUN PLAIN TOWNSHIP – Douglas Avenue (10th Street), from Baseline Road to Starr Road – 1.22 miles

SCOPE OF THE WORK

The work will consist of preparing the existing surface, including “**HMA Base Crushing and Shaping**” the existing HMA (average depth of 5”) then placing a “**HMA 4E1, Mod (64-28)**” leveling course 32’ wide at an average yield of 220 lb/syd, followed by placing a “**HMA 4E1, Mod (64-28)**” surface course 32’ wide at an average yield of 220 lb/syd. A 1’ gravel shoulder will then be placed from the POB to POE.

A road closure and detour route will be set up for the duration of this project. The anticipated detour route and signage map is available at the Allegan County Road Commission office.

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 W Baseline Road & Douglas Ave/10 th Street (Reference)
0+57	POB, "Pavement for Butt Joints, Rem" (32' x 15') 54 Syd
0+76 Lt	Field Drive, "Approach CI II, LM"
1+48 Rt	Gravel Drive, "Approach CI II, LM"
3+15 Rt	Field Drive, "Approach CI II, LM"
16+95 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (55' x 6') 37 Sd
17+10 Rt	Gravel Drive, "Approach CI II, LM"
18+12 Rt	Gravel Drive, "Approach CI II, LM"
19+13 Rt	Gravel Drive, "Approach CI II, LM"
19+23 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
21+48 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
24+08 Lt	Gravel Drive, "Approach CI II, LM"
25+39 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (30' x 6') 20 Syd
26+68 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (30' x 6') 20 Syd
27+56 Rt	Gravel Drive, "Approach CI II, LM"
28+10 Rt	Gravel Drive, "Approach CI II, LM"
28+68 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (25' x 6') 17 Syd

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
29+93 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (25' x 6') 17 Syd
29+93 Lt	Concrete Drive, "Pavement Rem, Mod" (35' x 6') 24 Syd
30+43 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (30' x 6') 20 Syd
30+65 Lt	Gravel Drive, "Approach CI II, LM"
31+56 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (25' x 6') 17 Syd
32+00 Lt	Gravel Drive, "Approach CI II, LM"
32+55 Lt	Gravel Drive, "Approach CI II, LM"
32+57 Rt	Gravel Drive, "Approach CI II, LM" (50' wide)
33+61 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (15' x 6') 10 Syd
34+55 Lt	Gravel Drive, "Approach CI II, LM"
34+86 Lt	Gravel Drive, "Approach CI II, LM"
35+75 Rt	Gravel Drive, "Approach CI II, LM"
36+92 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (24' x 6') 16 Syd
41+03 Rt	Field Drive, "Approach CI II, LM"
41+42 Lt	Gravel Drive, "Approach CI II, LM"
42+20 Lt	Gravel Drive, "Approach CI II, LM"
43+12 Lt	Gravel Drive, "Approach CI II, LM"
43+47 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 6') 11 Syd
45+16 Lt	Gravel Drive, "Approach CI II, LM"
49+92 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (75' x 6') 50 Syd
50+16 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (30' x 6') 20 Syd
51+01 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (35' x 6') 24 Syd
52+48 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (65' x 6') 44 Syd
52+67 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (24' x 6') 16 Syd
53+23 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (22' x 6') 15 Syd
54+03 Rt	Concrete Drive w/ HMA Approach, "Pavement for Butt Joints, Rem" (35' x 4') 16 Syd, "Pavement Rem, Mod" (35' x 6') 24 Syd
54+03 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (35' x 6') 24 Syd
54+81 Rt	Concrete Drive w/ HMA Approach, "Pavement for Butt Joints, Rem" (30' x 4') 14 Syd, "Pavement Rem, Mod" (30' x 6') 20 Syd
55+85 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (24' x 6') 16 Syd
56+24 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (24' x 6') 16 Syd
56+81 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (24' x 6') 16 Syd
57+03 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (30' x 6') 20 Syd
60+50 Lt	Gravel Drive, "Approach CI II, LM"
62+32 Rt	Gravel Drive, "Approach CI II, LM"
62+96 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (24' x 6') 16 Syd
63+23 Rt	Gravel Drive, "Approach CI II, LM"
63+92	HMA Drive, "Pavement for Butt Joints, Rem" (45' x 6') 30 Syd
65+04 Rt	Gravel Drive, "Approach CI II, LM"
65+16	POE, "Pavement for Butt Joints, Rem" (32' x 15') 54 Syd
65+73 Lt	Intersection of Starr Road & 10 th Street (Reference)

4. PH 3544 – GUN PLAIN TOWNSHIP – Douglas Avenue (10th Street), from Baseline Road to Starr Road – 1.22 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA Base Crushing and Shaping	23,000 Syd		
HMA 4E1, Mod (64-28)	5,500 Tons		
Pavement for Butt Joints, Rem	700 Syd		
Pavement Rem, Mod	100 Syd		
Shoulder Prep	1 LS		
Shoulder CI II, LM	250 Cyd		
Approach, CI II, LM	250 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Sign, Type B, Temp, Modified	643 Sft		
Barricade, Type III, High Intensity, Double Sided, Lighted, Modified	6 Ea		
Pavement Marking, Temporary	65 Sta		
Pavement Marking, Waterborne, 4-inch, Yellow	4,400 Ft		
Pavement Marking, Waterborne, 4-inch, White	12,900 Ft		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
 (Bidder)

5. PH 3556 – FILLMORE TOWNSHIP – 56th Street, 136th Avenue to 141st Avenue – 2.56 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 14, 2019.**

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 3556 – FILLMORE TOWNSHIP – 56th Street, 136th Avenue to 141st Avenue – 2.56 miles

SCOPE OF THE WORK

The work will consist of “**Cold Milling HMA Surface**” an average depth of 2” then placing a “**HMA 4E1, Mod**” surface course 32’ wide at an average yield of 220 lb/syd. A 1’ gravel shoulder will then be placed from the POB to POE.

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	Centerline of 136 th Avenue (Reference)
0+36	POB, Begin HMA Cold Milling
0+36 Rt	Concrete Curb and Gutter, Mill to edge of concrete
0+68 Rt	End Concrete Curb and Gutter
0+75 Lt	Gravel Drive, "Approach CI II, LM"
0+81 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (35' x 3') 12 Syd
5+47 Rt	Field Drive, "Approach CI II, LM"
10+74 Rt	Field Drive, Approach CI II, LM
13+58 Rt	Gravel Drive, "Approach CI II, LM"
13+62 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (14' x 3') 5 Syd
15+93 Rt	Field Drive, "Approach CI II, LM"
17+40 Lt	Field Drive, "Approach CI II, LM"
19+78 Rt	Gravel Drive, "Approach CI II, LM"
22+04 Lt	Gravel Drive, "Approach CI II, LM"
24+91 Rt	Field Drive, "Approach CI II, LM"
25+06 Lt	Gravel Drive, "Approach CI II, LM"
26+04	"Monument Box, Adj"
27+03 Lt	Gravel Drive, "Approach CI II, LM"
30+11 Lt	Gravel Drive, "Approach CI II, LM"

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
31+01 Lt	Gravel Drive, "Approach CI II, LM"
31+20 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (14' x 3') 5 Syd
32+38 Rt	Field Drive, "Approach CI II, LM"
32+63 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 3') 6 Syd
37+95 Rt	Gravel Drive, "Approach CI II, LM"
39+81 Lt	Field Drive, "Approach CI II, LM"
40+98 Lt	Field Drive, "Approach CI II, LM"
42+91 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (14' x 12') 19 Syd
46+54 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 3') 6 Syd
46+90 Rt	Field Drive, "Approach CI II, LM"
47+89 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 3') 6 Syd
49+59 Lt	HMA Millings Drive (ACRC will add millings after paving)
50+99 Lt	HMA Millings Drive (ACRC will add millings after paving)
52+92 Rt & Lt	Intersection of 138th Avenue, "Pavement for Butt Joints, Rem (40' x 15') (40' x 15') 134 Syd
52+92	"Monument Box, Adj"
54+78 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 8') 15 Syd
56+14 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 8') 15 Syd
56+80 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (70' x 12') 94 Syd
56+80 Rt	"Manhole, Adj" (in driveway approach)
58+25 Lt	Concrete Drive w/ Gravel Approach, Pave HMA Approach (16' x 8')
58+64 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 3') 6 Syd
59+29 Lt	HMA Millings Drive (ACRC will add millings after paving)
59+90 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 10') 180 Syd
60+60 Rt	Gravel Drive, "Approach CI II, LM"
61+87 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (14' x 3') 5 Syd
65+24 Rt	Field Drive, "Approach CI II, LM"
66+89 Lt	Field Drive, "Approach CI II, LM"
67+02 Rt	HMA Millings Drive (ACRC will add millings after paving)
68+67 Rt	Concrete Drive, "Pavement Rem, Mod" (16' x 6') 11 Syd
70+74 Lt	Gravel Drive, "Approach CI II, LM"
74+46 Rt	Gravel Drive, "Approach CI II, LM"
75+56 Rt	Gravel Drive, "Approach CI II, LM"
76+37 Rt	Gravel Drive, "Approach CI II, LM"
79+29 Rt	Intersection of 139 th Avenue, Mill and Pave existing HMA Approach (30' x 15') 50 Syd
79+34	"Monument Box, Adj"
80+34 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (24' x 6') 16 Syd
86+92 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (20' x 3') 7 Syd
88+26 Rt	Gravel Drive, "Approach CI II, LM"
89+43 Lt	Gravel Drive, "Approach CI II, LM"

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
89+52 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (14' x 3') 5 Syd
93+10 Rt	Gravel Drive, "Approach CI II, LM"
93+90 Rt	Gravel Drive, "Approach CI II, LM"
96+34 Rt	Concrete Drive, "Pavement Rem, Mod" (18' x 7') 14 Syd
99+84 Lt	Gravel Drive, "Approach CI II, LM"
100+18 Rt	Field Drive, "Approach CI II, LM"
105+79 Rt & Lt	Intersection of 140 th Avenue, Pavement for Butt Joints, Rem (40' x 15') (40' x 15') 134 Syd
105+79	"Monument Box, Adj"
107+74 Lt	Field Drive, "Approach CI II, LM"
111+35 Rt	Concrete Drive, "Pavement Rem, Mod" (16' x 6') 11 Syd
112+48 Rt	Gravel Drive, "Approach CI II, LM"
115+78 Rt	Gravel Drive, "Approach CI II, LM"
116+54 Rt	HMA Millings Drive (ACRC will add millings after paving)
119+02 Rt	Field Drive, "Approach CI II, LM"
126+11 Rt	Gravel Drive, "Approach CI II, LM"
126+85 Rt	Gravel Drive, "Approach CI II, LM"
132+46 Rt & Lt	Intersection of 141 st Avenue, Pavement for Butt Joints, Rem (40' x 15') (40' x 15') 134 Syd
132+46	"Monument Box, Adj"
132+83	POE, End HMA Cold Milling

5. PH 3556 – FILLMORE TOWNSHIP – 56th Street, 136th Avenue to 141st Avenue – 2.56 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
Cold Milling HMA Surface	48,000 Syd		
HMA 4E1, Mod	5,600 Tons		
Pavement for Butt Joints, Rem	800 Syd		
Pavement Rem, Mod	50 Syd		
Shoulder Prep	1 LS		
Shoulder CI II, LM	250 Cyd		
Approach, CI II, LM	250 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavement Marking, Temporary	133 Sta		
Pavement Marking, Waterborne, 4-inch, Yellow	8,800 Ft		
Pavement Marking, Waterborne, 4-inch, White	27,000 Ft		
Monument Box, Adj.	5 Ea		
Manhole, Adj.	1 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
(Bidder)

6. PH 3557 – WAYLAND TOWNSHIP – Patterson Road, 124th Avenue to 129th Avenue – 2.53 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 14, 2019.**

This project can be completed prior to May 24, 2019 or after September 2, 2019. 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

6. PH 3557 – WAYLAND TOWNSHIP – Patterson Road, 124th Avenue to 129th Avenue – 2.53 miles

SCOPE OF THE WORK

The work will consist of “**Cold Milling HMA Surface**” and average depth of 2” then placing a “**HMA 4E1, Mod**” surface course 32’ wide at an average yield of 220 lb/syd. A 1’ gravel shoulder will then be placed from the POB to POE.

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 for 124 th Avenue & Patterson Road (Reference)
0+60 Rt	Begin Guardrail
2+05	POB, Continue HMA Cold Milling and Paving from PH 3529
2+45 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (28' x 6') 19 Syd
2+45 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (60' x 6') 40 Syd
2+77 Rt	HMA Sidewalk, "Pavement for Butt Joints, Rem" (3' x 4') 2 Syd
4+06 Rt	End Guardrail
4+53 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (30' x 6') 20 Syd
4+97 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (22' x 6') 15 Syd
5+06 Rt	Concrete Drive, "Pavement Rem, Mod" (30' x 3') 10 Syd
5+58 Rt	Concrete Drive, "Pavement Rem, Mod" (45' x 4') 20 Syd
5+89 Rt	Concrete Drive, "Pavement Rem, Mod" (18' x 5') 10 Syd
6+08 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (40' x 6') 27 Syd
6+31 Lt	Begin HMA Valley Gutter
6+72 Rt	Concrete Drive, "Pavement Rem, Mod" (22' x 5) 13 Syd
7+04 Rt	Concrete Drive, "Pavement Rem, Mod" (35' x 5') 20 Syd
7+57 Rt	Concrete Drive, "Pavement Rem, Mod" (24' x 6') 16 Syd

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
7+60 Lt	HMA Millings Drive (ACRC will add millings after paving)
8+13 Rt	Gravel Drive, "Approach CI II, LM" (yellow driveway bump)
8+42 Rt	Concrete Drive, "Pavement Rem, Mod" (26' x 5') 15 Syd
9+57 Rt	Concrete Drive, "Pavement Rem, Mod" (40' x 6') 27 Syd
9+99 Rt	Concrete Drive, "Pavement Rem, Mod" (14' x 6') 10 Syd
10+07 Rt	Wooden Curb Begins, Mill and Pave to edge of curb
10+07 Rt	Begin 6' Widening
10+51 Lt	Gravel Drive, "Approach CI II, LM"
10+64 Rt	End 6' Widening
10+64 Rt	Wooden Curb Ends, Mill and Pave to edge of curb
10+85 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (40' x 3') 14 Syd
11+20 Lt	Gravel Drive, "Approach CI II, LM"
11+39 Lt	End HMA Valley Gutter
11+66 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
12+10 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (20' x 6') 14 Syd
12+45 Lt	Begin 8' Widening
12+97 Rt	Concrete Drive, "Pavement Rem, Mod" (18' x 8') 16 Syd
13+35 Lt	Begin Concrete Curb and Gutter, Mill and Pave to edge of concrete
13+75 Lt	Intersection of Berreta Drive (Pvt), "Pavement for Butt Joints, Rems" (45' x 6') 30 Syd
13+75 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
14+28 Lt	End Concrete Curb and Gutter, Mill and Pave to edge of concrete
14+62 Rt	Gravel Drive, "Approach CI II, LM"
15+11 Rt	Gravel Drive, "Approach CI II, LM"
15+50 Lt	End 8' Widening
16+04 Rt	Gravel Drive, "Approach CI II, LM"
17+14 Rt	Concrete Drive, "Pavement Rem, Mod" (35' x 6') 24 Syd
17+44 Rt	Begin 6' Widening
18+05 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
18+98 Lt	Begin Concrete Curb and Gutter, Mill and Pave to edge of concrete
19+68 Rt	Gravel Drive, "Approach CI II, LM"
19+68 Lt	Intersection of Browning Dr. (Pvt), "Pavement for Butt Joints, Rem" (70' x 5') 39 Syd
20+32 Lt	End Concrete Curb and Gutter, Mill and Pave to edge of concrete
21+30 Rt	End 6' Widening
22+02 Rt	Intersection of Willow Dr (Pvt), "Pavement for Butt Joints, Rem" (30' x 6') 20 Syd
26+49 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (260' x 6') 174 Syd
27+50 Lt	Field Drive, "Approach CI II, LM"
34+05 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (20' x 6') 14 Syd
35+15 Lt	Gravel Drive, "Approach CI II, LM"
35+59 Lt	Field Drive, "Approach CI II, LM"

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
35+59 Lt	Field Drive, "Approach CI II, LM"
35+89 Rt	Gravel Drive, "Approach CI II, LM"
36+35 Rt	Gravel Drive, "Approach CI II, LM"
36+86 Rt	Concrete Drive, "Pavement Rem, Mod" (18' x 8') 16 Syd
40+72 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
43+27 Rt	Intersection of Wayland Ave, "Pavement for Butt Joints, Rem" (60' x 6') 40 Syd
43+98 Rt	Intersection of Sweetland Dr, "Approach CI II, LM"
44+19 Lt	Gravel Drive, "Approach CI II, LM"
45+39 Rt	Gravel Drive, "Approach CI II, LM"
47+00 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
47+49 Rt	Intersection of Cleland Ave, "Pavement for Butt Joints, Rem" (35' x 6') 24 Syd
48+60 Rt	Gravel Drive, "Approach CI II, LM"
50+93 Rt	Intersection of Rea Dr, "Approach CI II, LM"
52+40 Rt	Concrete Drive, "Pavement Rem, Mod" (24' x 8') 22 Syd
52+88 Rt	Intersection of Roughy's Dr (Pvt), "Approach CI II, LM"
53+57 Rt	Gravel Drive, "Approach CI II, LM"
53+85 Rt	Concrete Drive, "Pavement Rem, Mod" (18' x 8') 16 Syd
54+57 Rt	Gravel Drive, "Approach CI II, LM"
55+34 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
55+48 Lt	Gravel Drive, "Approach CI II, LM"
55+60 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (15' x 6') 10 Syd
57+08 Rt	Intersection of Ash Ln (pvt), "Pavement for Butt Joints, Rem" (15' x 6') 10 Syd
57+10 Lt	"Manhole, Adj"
57+10 Lt	Intersection of 126 th Avenue, "Pavement for Butt Joints, Rem" (70' x 12') 94 Syd
57+53 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (30' x 6') 20 Syd
58+30 Lt	Begin HMA Valley Gutter
59+32 Rt	Intersection of Birch Dr (pvt), "Pavement for Butt Joints, Rem" (22' x 6') 15 Syd
60+61 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (150' x 6') 100 Syd
61+25 Rt	Intersection of Dogwood Ln (pvt), "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
61+64 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
62+01 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
62+01 Lt	"Manhole, Adj" (on HMA Drive Approach)
62+53 Lt	Gravel Drive, "Approach CI II, LM"
63+27 Rt	Intersection of Fir Lane (pvt), "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
63+41 Lt	Gravel Drive, "Approach CI II, LM"

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
63+90 Rt	Intersection of Hazel Dr (pvt), "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
64+50 Lt	End HMA Valley Gutter
64+74 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (12' x 8') 11 Syd
65+18 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (14' x 6') 10 Syd
66+08 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
66+59 Rt	Johnson Road (pvt) entrance, "Pavement for Butt Joints, Rem" (22' x 6') 15 Syd
66+61 Lt	Begin HMA Valley Gutter
66+99 Rt	Johnson Road (pvt) exit, "Pavement for Butt Joints, Rem" (22' x 6') 15 Syd
68+52 Rt	Gravel Drive, "Approach CI II, LM"
68+52 Lt	Gravel Drive, "Approach CI II, LM" (50' wide)
69+74 Lt	End HMA Valley Gutter
70+14 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (50' x 6') 34 Syd
71+32 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
72+15 Rt	Whispering Pines Resort, "Pavement for Butt Joints, Rem" (70' x 12') 94 Syd
72+83 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (22' x 6') 15 Syd
73+56 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (30' x 6') 20 Syd
74+21 Rt	Intersection of Bernice Ave (pvt), "Pavement for Butt Joints, Rem" (14' x 6') 10 Syd
74+30 Lt	Gravel Drive, "Approach CI II, LM"
75+03 Lt	Gravel Drive, "Approach CI II, LM"
75+67 Lt	Begin HMA Valley Gutter
76+23 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (12' x 6') 8 Syd
77+03 Rt	Gravel Drive, "Approach CI II, LM"
77+76 Rt	Gravel Drive, "Approach CI II, LM"
77+88 Lt	End HMA Valley Gutter
79+13 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (150' x 6') 100 Syd
79+25 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (14' x 6') 10 Syd
80+75 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (20' x 6') 14 Syd
81+00 Lt	Begin HMA Valley Gutter
81+38 Lt	Gravel Drive, "Approach CI II, LM"
82+35 Rt	Intersection of Westwood Ln (pvt), "Pavement for Butt Joints, Rem" (35' x 6') 24 Syd
82+45 Lt	Gravel Drive, "Approach CI II, LM"
83+29 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (102' x 6') 68 Syd
83+30 Lt	End HMA Valley Gutter
83+69 Lt	Intersection of 127 th Avenue, "Pavement for Butt Joints, Rem" (55' x 12') 74 Syd
83+69 Lt	"Manhole, Adj"
84+11 Lt	Gravel Drive, "Approach CI II, LM"
85+45 Rt	Gravel Drive, "Approach CI II, LM" (150' wide)

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
85+52 Lt	Gravel Drive, "Approach CI II, LM"
86+05 Rt	Concrete Drive, "Pavement Rem, Mod" (16' x 6') 11 Syd
86+60 Lt	Gravel Drive, "Approach CI II, LM"
86+62 Rt	Intersection of Sunrise Ct, "Pavement for Butt Joints, Rem" (30' x 6') 20 Syd
87+41 Lt	Gravel Drive, "Approach CI II, LM"
88+09 Rt	Concrete Drive, "Pavement Rem, Mod" (30' x 6') 20 Syd
88+35 Lt	Gravel Drive, "Approach CI II, LM"
89+02 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (20' x 6') 14 Syd
89+32 Rt	Concrete Drive, "Pavement Rem, Mod" (22' x 6') 15 Syd
89+92 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (24' x 6') 16 Syd
89+96 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (30' x 6') 20 Syd
90+79 Lt	Gravel Drive, "Approach CI II, LM"
91+25 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (12' x 10') 14 Syd
91+94 Rt	Intersection of Theris Dr, "Pavement for Butt Joints, Rem" (30' x 6') 20 Syd
92+72 Rt	Concrete Drive, "Pavement Rem, Mod" (24' x 6') 16 Syd
93+78 Lt	Gravel Drive, "Approach CI II, LM"
93+98 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
95+69 Rt	Intersection of Canal View Dr, "Pavement for Butt Joints, Rem" (30' x 6') 20 Syd
96+13 Lt	Gravel Drive, "Approach CI II, LM"
97+46 Rt	Intersection of Park Dr, "Pavement for Butt Joints, Rem" (60' x 6') 40 Syd
100+69 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (30' x 6') 20 Syd
100+84 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (12' x 6') 8 Syd
101+41 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (12' x 6') 8 Syd
102+56 Rt	Gravel Drive, "Approach CI II, LM"
103+47 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (35' x 6') 24 Syd
105+31 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 6') 11 Syd
105+81 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
106+63 Rt	Gravel Drive, "Approach CI II, LM"
107+52 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 6') 11 Syd
109+17 Rt	Intersection of Island Dr, "Pavement for Butt Joints, Rem" (35' x 6') 24 Syd
109+28	"Monument Box, Adj"
110+24	"Monument Box, Adj"
110+48 Rt	Gravel Drive, "Approach CI II, LM"
110+85 Rt	Begin Guardrail
111+92 Lt	Field Drive, "Approach CI II, LM"
112+79 Rt	End Guardrail
113+75 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (14' x 6') 10 Syd
114+42 Rt	Intersection of Valley Dr, "Pavement for Butt Joints, Rem" (30' x 6') 20 Syd
116+40 Rt	Gravel Drive, "Approach CI II, LM"
120+06 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
120+40 Lt	Gravel Drive, "Approach CI II, LM"
120+93 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
120+93 Lt	Gravel Drive, "Approach CI II, LM"
122+38 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (12' x 6') 8 Syd
123+13 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (12' x 6') 8 Syd
123+79 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
125+15 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
126+17 Rt	Intersection of Goldenrod Ct, "Pavement for Butt Joints, Rem" (35' x 6') 24 Syd
127+13 Rt	Gravel Drive, "Approach CI II, LM"
128+02 Rt	Gravel Drive, "Approach CI II, LM"
129+18 Rt	Gravel Drive, "Approach CI II, LM"
129+92 Rt	Gravel Drive, "Approach CI II, LM"
132+80 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (35' x 8') 32 Syd
133+65 Rt	Begin Concrete Curb and Gutter, Mill and Pave to edge of concrete
133+80 Rt	End Concrete Curb and Gutter, Mill and Pave to edge of concrete
134+11 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (50' x 6') 34 Syd
134+35 Rt	Begin Concrete Curb
135+40	POE, "Pavement for Butt Joints, Rem" (50' x 6') 34 Syd
135+65	Intersection of 129 th Avenue (M-179) (Reference)

6. PH 3557 – WAYLAND TOWNSHIP – Patterson Road, 124th Avenue to 129th Avenue – 2.53 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
Cold Milling HMA Surface	48,000 Syd		
HMA 4E1, Mod	5,700 Tons		
Pavement for Butt Joints, Rem	1,900 Syd		
Pavement Rem, Mod	300 Syd		
Shoulder Prep	1 LS		
Shoulder CI II, LM	250 Cyd		
Approach, CI II, LM	250 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavement Marking, Temporary	134 Sta		
Pavement Marking, Waterborne, 4-inch, Yellow	11,400 Ft		
Pavement Marking, Waterborne, 4-inch, White	27,000 Ft		
Monument Box, Adj.	2 Ea		
Manhole, Adj.	2 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
 (Bidder)

7. PH 3558 – CHESHIRE TOWNSHIP – 46th Street, 104th Avenue (West) to 106th Avenue – 1.01 miles

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 14, 2019.**

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 3558 – CHESHIRE TOWNSHIP – 46th Street, 104th Avenue (West) to 106th Avenue – 1.01 miles

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. A 1' gravel shoulder will then be placed from the POB to POE except where guardrail exists, locations are shown 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**.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to 37+71	30' HMA	1' Rt & Lt
37+71 to 40+02	34' HMA	1' Rt & Lt
40+02 to POE	30' HMA	1' Rt & Lt

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>
0+00	POB, "Pavement for Butt Joints, Rem" (30' x 15') 50 Syd
0+56	"Monument Box, Adj"
0+60	Intersection of 46 th St and 104 th Ave West, "Pavement for Butt Joints, Rem" (32' x 15') 53 Syd
3+62 Rt	Gravel Drive, "Approach CI II, LM"
6+78 Rt	Gravel Drive, "Approach CI II, LM"
7+95 Rt	Gravel Drive, "Approach CI II, LM"
8+63 Lt	Gravel Drive, "Approach CI II, LM"
10+03 Lt	Gravel Drive, "Approach CI II, LM"
11+73 Lt	Field Drive, "Approach CI II, LM"
13+75 Rt	Intersection of 104 th Avenue East, Cover existing HMA Approach
17+90 Rt	Gravel Drive, "Approach CI II, LM"
21+73 Rt	Gravel Drive, "Approach CI II, LM"
23+10 Lt	Gravel Drive, "Approach CI II, LM"
25+27 Lt	Field Drive, "Approach CI II, LM"
26+74 Rt	Field Drive, "Approach CI II, LM"
26+85	"Monument Box, Adj"

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
27+03 Lt	Gravel Drive, "Approach CI II, LM"
29+21 Lt	Field Drive, "Approach CI II, LM"
30+68 Lt	Field Drive, "Approach CI II, LM"
31+73 Lt	Gravel Drive, "Approach CI II, LM"
33+87 Rt	Field Drive, "Approach CI II, LM"
36+07 Lt	Field Drive, "Approach CI II, LM"
36+25 Rt	Begin Concrete Curb & Gutter, "Pavement for Butt Joints, Rem" (355' x 6') 237 Syd
37+17 Lt	HMA Millings Drive, (ACRC will add after paving) (40' wide)
37+50 Rt	Gravel Drive, "Approach CI II, LM"
37+71 Lt	Begin HMA Valley Gutter
38+71 Rt	Gravel Drive, "Approach CI II, LM"
39+44 Lt	Field Drive, "Approach CI II, LM"
39+55 Rt	Field Drive, "Approach CI II, LM"
40+02 Rt	End Concrete Curb & Gutter
40+27 Lt	Field Drive, "Approach CI II, LM"
40+78 Lt	End HMA Valley Gutter
42+82 Rt	Field Drive, "Approach CI II, LM"
53+07	"Monument Box, Adj"
53+07 Lt & Rt	Intersection of 106 th Avenue, Cover Both Existing HMA Approaches
53+70	POE, "Pavement for Butt Joints, Rem" (24' x 15') 40 Syd

7. PH 3558 – CHESHIRE TOWNSHIP – 46th Street, 104th Avenue (West) to 106th Avenue – 1.01 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod	2,700 Tons		
Pavement for Butt Joints, Rem	400 Syd		
Shoulder Prep	1 LS		
Shoulder CI II, LM	150 Cyd		
Approach, CI II, LM	150 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavement Marking, Temporary	54 Sta		
Pavement Marking, Waterborne, 4-inch, Yellow	6,300 Ft		
Pavement Marking, Waterborne, 4-inch, White	10,700 Ft		
Monument Box, Adj.	3 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
(Bidder)

8. PH 3559 – CHESHIRE TOWNSHIP – 104th Avenue, 48th Street to 46th Street – 0.99 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 14, 2019.**

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 3559 – CHESHIRE TOWNSHIP – 104th Avenue, 48th Street to 46th Street – 0.99 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.

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 104 th West Ave and 48th St (Reference)
1+11	POB, Pavement for Butt Joints, Rem (32' x 15') 54 Syd
2+79 Rt	Field Drive, "Approach CI II, LM"
2+92 Lt	Gravel Drive, "Approach CI II, LM"
3+36 Lt	Gravel Drive, "Approach CI II, LM"
5+47 Rt	Gravel Drive, "Approach CI II, LM"
8+83 Lt	Gravel Drive, "Approach CI II, LM"
10+44 Rt	Gravel Drive, "Approach CI II, LM"
12+94 Rt	Gravel Drive, "Approach CI II, LM"
13+07 Lt	Gravel Drive, "Approach CI II, LM"
14+18 Lt	Gravel Drive, "Approach CI II, LM"
14+38 Rt	Gravel Drive, "Approach CI II, LM"
21+66 Lt	Gravel Drive, "Approach CI II, LM"
25+38 Rt	Gravel Drive, "Approach CI II, LM"
26+10	"Monument Box, Adjust"
26+41 Rt	Field Drive, "Approach CI II, LM"
30+87 Rt	Gravel Drive, "Approach CI II, LM"
31+63 Rt	Begin HMA Valley Gutter
32+31 Lt	Begin HMA Valley Gutter
35+15 Lt & Rt	End HMA Valley Gutter
35+47 Rt	Gravel Drive, "Approach CI II, LM"

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
37+39 Rt	Gravel Drive, "Approach CI II, LM"
39+14 Rt	Gravel Drive, "Approach CI II, LM"
41+74 Lt & Rt	Begin HMA Valley Gutter
42+14 Rt	Gravel Drive, "Approach CI II, LM"
45+54 Lt	End HMA Valley Gutter (left side)
45+87 Lt	Field Drive, "Approach CI II, LM"
46+70 Rt	End HMA Valley Gutter (right side)
48+76 Rt	Gravel Drive, "Approach CI II, LM"
52+36	POE, Pavement for Butt Joints, Rem (32' x 15') 54 Syd

8. PH 3559 – CHESHIRE TOWNSHIP – 104th Avenue, 48th Street to 46th Street – 0.99 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod	2,700 Tons		
Pavement for Butt Joints, Rem	150 Syd		
Shoulder Prep	1 LS		
Shoulder CI II, LM	150 Cyd		
Approach, CI II, LM	150 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavement Marking, Temporary	52 Sta		
Pavement Marking, Waterborne, 4-inch, Yellow	6,500 Ft		
Pavement Marking, Waterborne, 4-inch, White	10,400 Ft		
Monument Box, Adj.	1 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
(Bidder)

9. PH 3560 – LAKETOWN TOWNSHIP – 64th Street, Blue Star Highway to 1,000' south of 138th Avenue – 0.90 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 14, 2019.**

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 3560 – LAKETOWN TOWNSHIP – 64th Street, Blue Star Highway to 1,000' south of 138th Avenue – 0.90 miles

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. A 1’ gravel shoulder will then be placed from the POB to POE.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to 4+08	42’ HMA	1’ Rt & Lt
4+08 to POE	32’ HMA	1’ Rt & Lt

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>
0+00	Centerline of Blue Star Hwy (Reference)
0+32	POB, Begin Cold Milling HMA Surface
2+98 Lt	Begin Concrete Curb & Gutter, Mill 2" along edge of concrete
3+46 Lt	HMA Drive w/ Concrete Gutter, Mill 2" along edge of concrete
3+94 Rt & Lt	Concrete Sidewalks w/ ADA ramps, Mill 2" along edge, both sides
4+17 Lt	End Concrete Curb & Gutter
4+29 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (30' x 12') 40 Syd
4+34 Lt	Intersection of 136 th Ave, "Pavement for Butt Joints, Rem" (35' x 12') 47 Syd
4+40	"Monument Box, Adjust"
5+42 Lt	Gravel Drive, "Approach CI II, LM" (90' wide)
7+43 Lt	Intersection of Otis Rd, "Pavement for Butt Joints, Rem" (45' x 12') 60 Syd
7+43 Lt	"Manhole, Adjust" (on Otis Rd approach)
12+22 Rt	Concrete Drive, "Pavement Rem, Mod" (16' x 6') 11 Syd
14+41 Lt	Field Drive, "Approach CI II, LM"
15+36 Rt	Concrete Drive, "Pavement Rem, Mod" (16' x 6') 11 Syd
17+05 Rt	Gravel Drive, "Approach CI II, LM"

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
17+90 Lt	Intersection of Island Lake Rd, "Pavement for Butt Joints, Rem" (40' x 12') 54 Syd
18+49 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
19+33 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
19+47 Rt	Begin Guardrail (around a tree)
20+24 Rt	End Guardrail
20+72 Lt	Gravel Drive, "Approach CI II, LM"
21+05 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (14' x 6') 10 Syd
23+73 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (24' x 3') 8 Syd
23+79 Lt	Concrete Drive, "Pavement Rem, Mod" (22' x 6') 15 Syd
24+55 Rt	Gravel Drive, "Approach CI II, LM"
24+75 Lt	Field Drive, "Approach CI II, LM"
27+52 Lt	Gravel Drive, "Approach CI II, LM"
29+52 Lt	Gravel Drive, "Approach CI II, LM"
30+77 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (14' x 12') 19 Syd
31+83 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 3') 6 Syd
32+65 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (15' x 3') 5 Syd
33+59 Lt	Gravel Drive, "Approach CI II, LM"
34+55 Rt	Gravel Drive, "Approach CI II, LM"
37+02 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (14' x 6') 10 Syd
37+47 Rt	Concrete Drive, "Pavement Rem, Mod" (16' x 6') 11 Syd
39+39 Lt	Concrete Drive, "Pavement Rem, Mod" (24' x 6') 16 Syd
40+45 Lt	Gravel Drive, "Approach CI II, LM"
41+67 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 6') 12 Syd
43+27 Rt	Concrete Drive, "Pavement Rem, Mod" (16' x 6') 11 Syd
43+67 Lt	HMA Drive, "Pavement for Butt Joints, Rem" (16' x 6') 11 Syd
44+44 Rt	Begin Guardrail
45+32 Lt	Begin Guardrail
47+47 Lt	End Guardrail
47+69 Rt	End Guardrail
47+83	POE, End Cold Milling HMA Surface (POB for MDOT Job # 03000- 130730)

9. PH 3560 – LAKETOWN TOWNSHIP – 64th Street, Blue Star Highway to 1,000' south of 138th Avenue – 0.90 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
Cold Milling HMA Surface	17,400 Syd		
HMA 4E1, Mod	2,050 Tons		
Pavement for Butt Joints, Rem	300 Syd		
Pavement Rem, Mod	100 Syd		
Shoulder Prep	1 LS		
Shoulder CI II, LM	100 Cyd		
Approach, CI II, LM	100 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavement Marking, Temporary	48 Sta		
Pavement Marking, Waterborne, 4-inch, Yellow	1,800 Ft		
Pavement Marking, Waterborne, 4-inch, White	9,400 Ft		
Monument Box, Adj.	1 Ea		
Manhole, Adj.	1 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
 (Bidder)

10. PH 3561 – GANGES TOWNSHIP – Lakeshore Drive, 118th Avenue to 121st Avenue – 1.31 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 14, 2019.**

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 3561 – GANGES TOWNSHIP – Lakeshore Drive, 118th Avenue to 121st Avenue – 1.31 miles

SCOPE OF THE WORK

The work will consist of preparing the existing surface then placing a “**HMA 4E1, Mod**” surface course 28’ wide at an average yield of 275 lb/syd. A 2’ gravel shoulder will then be placed from the POB to POE.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to 60+53	28’ HMA	2’ Rt & Lt
60+53 to 64+14	35-40’ HMA	0’ Rt & Lt
64+14 to POE	28’ HMA	2’ Rt & Lt

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>
0+00	Monument Box at Intersection of 118 th Ave & Lakeshore Dr (Reference)
0+46	POB, "Pavement for Butt Joints, Rem" (24' x 15') 40 Syd
1+65 Lt	Gravel Drive, "Approach CI II, LM"
5+56 Rt	Concrete Drive, "Pavement Rem, Mod" (28' x 8') 25 Syd
6+75 Rt	Field Drive, "Approach CI II, LM"
7+39 Lt	Gravel Drive, "Approach CI II, LM"
9+49 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (18' x 8') 16 Syd
9+49 Lt	Field Drive, "Approach CI II, LM"
13+39 Lt	Gravel Drive, "Approach CI II, LM"
14+07 Rt	Gravel Drive, "Approach CI II, LM"
15+57 Lt	Gravel Drive, "Approach CI II, LM"
16+03 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (25' x 6') 17 Syd
16+46 Lt	Gravel Drive, "Approach CI II, LM"
18+37 Rt	Gravel Drive, "Approach CI II, LM" (50' wide)
19+43 Lt	Gravel Drive, "Approach CI II, LM"
21+75 Lt	HMA Drive, "Pavement for Butt Joints, Rem (30' x 6') 20 Syd

Miscellaneous Items of Work Quantity (Con't)

<u>Station</u>	<u>Description</u>
24+72 Rt	Gravel Drive, "Approach CI II, LM"
26+98 Lt	Gravel Drive, "Approach CI II, LM"
28+90 Lt	Gravel Drive, "Approach CI II, LM"
31+37 Rt	HMA Drive, "Pavement for Butt Joints, Rem " (18' x 6') 12 Syd
32+64 Lt	Intersection of Lake Michigan Dr, "Approach CI II, LM"
34+55 Lt	Gravel Drive, "Approach CI II, LM"
34+72 Rt	Gravel Drive, "Approach CI II, LM"
36+41 Lt	Gravel Drive, "Approach CI II, LM"
37+08 Lt	Gravel Drive, "Approach CI II, LM"
38+21 Rt	Gravel Drive, "Approach CI II, LM"
44+84 Rt	Gravel Drive, "Approach CI II, LM"
46+46 Lt	Gravel Drive, "Approach CI II, LM"
47+58 Rt	Gravel Drive, "Approach CI II, LM"
48+28 Rt	Gravel Drive, "Approach CI II, LM"
52+36	"Monument Box, Adjust"
52+36 Rt	Intersection of 120 th Avenue, Cover Existing HMA Approach
53+93 Lt	Gravel Drive, "Approach CI II, LM"
56+00 Lt	Intersection of Plummerville Ln (Pvt), "Approach CI II, LM"
56+32 Lt	Intersection of Brookhill Dr (Pvt), "Approach CI II, LM"
56+81 Lt	Gravel Drive, "Approach CI II, LM"
57+71	Begin Widening to 40' wide road
57+71 Lt	Gravel Drive, "Approach CI II, LM"
60+53 Rt	Begin Guardrail, Pave to Face
60+93 Lt	Gravel Drive, "Approach CI II, LM"
61+13 Lt	Begin Guardrail, Pave to Face
61+45 Lt	Begin Concrete Abutment, "Pavement for Butt Joints, Rem" (50' x 6') 34 Syd
61+71 Rt	Begin "Pavement for Butt Joints, Rem" (40' x 6') 27 Syd
61+89 Lt	End Concrete Abutment, "Pavement for Butt Joint, Rem"
61+76	Bridge (Reference)
62+07 Rt	End "Pavement for Butt Joints, Rem"
62+40 Rt	End Guardrail
63+39 Lt	End Guardrail
64+14 Rt	HMA Drive, "Pavement for Butt Joints, Rem" (15' x 6') 10 Syd
64+14	End Widening
65+04 Lt	Gravel Drive, "Approach CI II, LM"
65+91 Rt	Gravel Drive, "Approach CI II, LM"
67+55 Rt	Gravel Drive, "Approach CI II, LM"
69+06	"Monument Box, Adjust"
69+11 Lt	Intersection of 121 st Avenue, Cover Existing HMA Approach
69+11 Rt	Gravel Drive, "Approach CI II, LM"
69+65	POE, "Pavement for Butt Joints, Rem" (22' x 15') 37 Syd

10. PH 3561 – GANGES TOWNSHIP – Lakeshore Drive, 118th Avenue to 121st Avenue – 1.31 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod	3,300 Tons		
Pavement for Butt Joints, Rem	250 Syd		
Pavement Rem, Mod	50 Syd		
Shoulder Prep	1 LS		
Shoulder CI II, LM	250 Cyd		
Approach, CI II, LM	200 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavement Marking, Temporary	70 Sta		
Pavement Marking, Waterborne, 4-inch, Yellow	6,200 Ft		
Pavement Marking, Waterborne, 4-inch, White	13,600 Ft		
Monument Box, Adj.	2 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
(Bidder)