

NAME OF CONTRACTOR: _____

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

PROPOSAL AND SPECIFICATIONS

FOR

COUNTY PRIMARY HOT MIX ASPHALT PAVING

MARCH 25, 2020

1. PH 300000 – SAGATUCK TOWNSHIP – Lakeshore Drive, 124th Avenue to 126th Avenue & 124th Avenue, Lakeshore Drive to I-196 – 1.34 miles
2. PH 300001 – LAKETOWN & FILLMORE TOWNSHIPS – Blue Star Highway, 3,900' west of 60th Street to 58th Street – 2.01 miles
3. PH 300002 – MONTEREY TOWNSHIP – 30th Street, 128th Avenue to 134th Avenue – 3.00 miles
4. PH 300003 – SALEM TOWNSHIP – 142nd Avenue, 34th Street to 30th Street – 1.98 miles
5. PH 300004 – LEIGHTON TOWNSHIP – Division Street, 138th Avenue to 142nd Avenue – 2.09 miles
6. PH 300005 – HOPKINS & WAYLAND TOWNSHIPS – 12th Street, 124th Avenue to 128th Avenue – 1.76 miles
7. PH 300006 – CHESHIRE & VALLEY TOWNSHIPS – 112th Avenue, 44th Street to 37th Street – 3.52 miles
8. PH 300007 – GUN PLAIN & MARTIN TOWNSHIPS – 2nd Street, Marsh Road to 118th Avenue – 4.10 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.S.T., Wednesday, March 25, 2020, 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: 4E1) in Cheshire, Fillmore, Gun Plain, Hopkins, Laketown, Leighton, Martin, Monterey, Salem, Saugatuck, Valley, 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 will 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 will 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 eight (8) 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", will 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 Int.s will also be included in this item and paid for as the HMA mixture used, no additional payment will be made. Driveway construction will be a single course over existing HMA approaches or over gravel approaches that connect to concrete drives inside or at the road right-of-way. Driveway construction will be two course on new road surfacing projects or where the concrete approach was 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 will submit a mix design and test results of the aggregates to be used at least two weeks before commencing paving. The mix design will be submitted to an approved testing laboratory for design compliance tests. The Road Commission will 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 will 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 will be ± 0.30 from the optimum mix design.
3. The Contractor will submit a mix design and test results of the aggregates to be used at least two weeks before commencing paving. The mix design will be submitted to an approved testing laboratory for design compliance tests. The Road Commission will require a mix design in accordance with the MDOT "HMA Production Manual".
4. 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 & 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.

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

Shoulder and Approach 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 & APPROACH, CI II, LM

The item of "Shoulder & 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>
Shoulder& Approach, 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 a depth between 1.5" and 2" even if the proposed overlay thickness is greater. 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" will 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. The Allegan County Road Commission will furnish new boxes if the existing box is broken, damaged, or missing.

METHOD OF PAYMENT FOR MONUMENT BOX, ADJ

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

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

PAVT MRKG, WATERBORNE, 4-INCH, YELLOW

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

Pavt Mrkgs 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 PAVT MRKG, WATERBORNE, 4-INCH, YELLOW

The item of "Pavt Mrkg, Waterborne, 4-inch, Yellow" will be paid for by the linear foot.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Pavt Mrkg, Waterborne, 4-inch, Yellow	Foot

PAVT MRKG, WATERBORNE, 4-INCH, WHITE

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

Pavt Mrkgs 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.

PAVT MRKG, WATERBORNE, 4-INCH, WHITE (CON'T)

METHOD OF PAYMENT FOR PAVT MRKG, WATERBORNE, 4-INCH, WHITE

The item of "Pavt Mrkg, Waterborne, 4-inch, White" will be paid for by the linear foot.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Pavt Mrkg, Waterborne, 4-inch, White	Foot

PAVT MRKG, TYPE NR, TAPE, 4-INCH, YELLOW, TEMP

This item will include all equipment, labor, and material required to place the pavement marking according to Section 812 of the Standard Specifications. Marks will be four (4) foot long and placed every 50 feet.

METHOD OF PAYMENT FOR PAVT MRKG, TYPE NR, TAPE, 4-INCH, YELLOW, TEMP

The item of "Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp" will be paid by the station.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	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, MOD

The item of "Sign, Type B, Temp, Mod" 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, Mod item.

METHOD OF PAYMENT FOR SIGN, TYPE B, TEMP, MOD: The item of "Sign, Type B, Temp, Mod" will be paid for by the square foot of sign face.

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

PLASTIC DRUM, HIGH INTENSITY, LIGHTED, MOD

The item of "Plastic Drum, High Intensity, Lighted, Mod" 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, MOD: The item of "Plastic Drum, High Intensity, Lighted, Mod" will be paid for by the individual unit.

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

BARRICADE ,TYPE III, HIGH INTENSITY, DOUBLE SIDED, LIGHTED, MOD

The item of “Barricade, Type III, High Intensity, Double Sided, Lighted, Mod” 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, Mod”.

Section 812 of the Standard Specifications for Construction will apply.

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

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

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, LM	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 is not established, as determined by the Engineer.

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" will 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. It will be measured along each pavement edge.

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

GEOTEXTILE, STABILIZATION

The item of “Geotextile, Stabilization” will include all labor, material and equipment to place material as instructed by the Engineer. Material will be in accordance with section 308 of the Standard Specifications.

METHOD OF PAYMENT FOR GEOTEXTILE, STABILIZATION

The item of “Geotextile, Stabilization” will be paid for by the square yard as measured in place.

PAY ITEM

PAY UNIT

Geotextile, Stabilization

Square Yard

HIGH PERFORMANCE BIAXIAL GEOGRID

The item of “High Performance Biaxial Geogrid” will include labor, material and equipment to place material as instructed by the Engineer. Placement and material will be in accordance with the following:

Ensure all areas immediately beneath the installation area for the geogrid are properly prepared as shown on the plans, as specified, or as directed by the Engineer. Ensure the geogrid is installed in accordance with the manufacturer's recommendations.

Ensure the geogrid is rolled out perpendicular to the road centerline and place in continuous strips from foreslope to foreslope. Place the geogrid taut prior to geotextile separator and backfill placement for the reinforced steepened slope. Anchor the geogrid in position after a layer of geogrid has been placed, until the subsequent backfill layer can be placed. Ensure adjacent rolls of geogrid are overlapped 6 inches minimum. Whenever possible the backfill placement must proceed from the slope line/wall face inward, to assist in tensioning the geogrids. Construction vehicles will not be permitted on the geogrid until at least 6 inches of backfill has been placed on the geogrid.

Use high performance biaxial geogrid that has a regular grid structure and has aperture geometry, and rib and junction cross-section sufficient to permit significant mechanical interlock with the material being reinforced. Ensure the geogrid has significant dimensional stability through all ribs and junctions of the grid structure. Ensure the geogrid maintains its reinforcement and interlock capabilities under repeated dynamic loads while in service. Ensure the geogrid is resistant to ultraviolet degradation, to damage under normal construction practices, and to all forms of biological or chemical degradation normally encountered in highway construction.

HIGH PERFORMANCE BIAXIAL GEOGRID (CON'T):

Ensure the geogrid is composed of polypropylene, high-density polyethylene, or polyester virgin resins. Ensure the protective coatings of polyester geogrids contains less than 5 percent filler content. Repair damaged coating prior to backfilling. Ensure the high performance biaxial geogrid meets the minimum requirements of Table 1:

Table 1: High Performance Biaxial Geogrid Physical Property Requirements

Property	Test Method	Minimum Value
Interlock Open Area	COE Method(a)	60 %
Ultimate Tensile Strength MD(c) CMD(c)	ASTM D6637(b)	1,800 lb/ft 2,050 lb/ft
Tensile Strength (2%) MD(c) CMD(c)	ASTM D6637(b)	580 lb/ft 690 lb/ft
<p>a. Percent open area measured without magnification by means of Corps of Engineers method as specified in <i>CW 02215 Civil Works Construction Guide, November, 1977</i>.</p> <p>b. Ultimate Strength and Tensile Modulus at 2 percent elongation measured by means of <i>ASTM D 6637</i>. No offset allowances or specimen pretensioning are made in calculating tensile modulus.</p> <p>c. "MD" and "CMD" represent 'machine' and 'cross-machine' directions, referring to the principle directions of the manufacturing process.</p>		

METHOD OF PAYMENT FOR HIGH PERFORMANCE BIAXIAL GEOGRID

The item of “High Performance Biaxial Geogrid” will be paid for by the square yard as measured in place. No payment will be made for overlap or wasted material.

PAY ITEM

PAY UNIT

High Performance Biaxial Geogrid

Square Yard

AGGREGATE BASE, CONDITIONING

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 AGGREGATE BASE, CONDITIONING

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

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

HMA BASE CRUSHING AND SHAPING

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

METHOD OF PAYMENT FOR HMA BASE CRUSHING AND SHAPING

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

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

AGGREGATE 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 will be 21AA aggregate, HMA millings, or crushed concrete and is included in this item.

N

METHOD OF PAYMENT FOR PAVEMENT FOR PAVEMENT REM, MOD

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

PAY ITEM

PAY UNIT

Pavement Rem, Mod

Square 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.

This item also includes grading existing gravel drive approaches to be connected to concrete drives inside or at the road right-of-way. They will be prepped for a single course of asphalt. The drives will be identified in the project log.

METHOD OF PAYMENT FOR SHOULDER PREP

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

PAY ITEM

PAY UNIT

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 will 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 will be solely responsible for all construction under this Contract, including the methods, techniques, sequences, procedures, and means, and for coordination of all work. Contractor will 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 will 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 will 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 will 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 will 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 will 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 will 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 will 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 will 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, will 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 will 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 will 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 will 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 will 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 will 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 will be named as an additional insured on each of these policies except for worker's compensation.

The insurance will 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, will 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 will 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 will contain a provision that the coverage afforded thereunder will 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 will 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, will 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 will 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 will 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 will govern. He will 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 will have the right to require the contractor to furnish and place in operation such additional force and equipment as the Road Commission will 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 will not apply in this regard.

FINAL PAYMENT

Final payment will not be made until the contractor will 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 will 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 will be signed by the Contractor or one of the Company's Authorized Officers.

CONTRACT BONDS

The Successful Bidder will 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 will be on forms provided and will 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 300000 – SAGATUCK TOWNSHIP – Lakeshore Drive, 124th Avenue to 126th Avenue & 124th Avenue, Lakeshore Drive to I-196 – 1.34 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 **September 25, 2020.**

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 will be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

1. PH 300000 – SAGATUCK TOWNSHIP – Lakeshore Drive, 124th Avenue to 126th Avenue & 124th Avenue, Lakeshore Drive to I-196 – 1.34 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, 4E1, Mod surface course an average yield of 220 lb/syd. Gravel shoulders and approaches will then be placed from the POB to POE. Pavement markings will then be placed from the POB to POE.

HMA Widths:

<u>Station</u>	<u>HMA Width</u>	<u>Shoulder Width</u>
<i>124th Ave:</i>		
POB to 1+35	40'	0' Rt & Lt
1+35 to 5+50	50'	0' Rt & Lt
5+50 to POE	30'	2-3' Rt & Lt
<i>Lakeshore Dr:</i>		
POB to POE	22'	1-2' Rt & Lt

Miscellaneous Items of Work Quantity

124th Avenue

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	POB, Overpass HMA Approach, Begin "Cold Milling HMA Surface" (2" avg depth)	(40' wide)	
4+65 Lt & Rt	Ramp Intersections (for reference)		
9+00	End "Cold Milling HMA Surface" (Taper to 0" depth)	(30' wide)	
9+32 Lt	"Monument Box, Adj"		
9+47 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#6985
9+75 Lt	End MDOT Guardrail		
10+20 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#6985
11+27 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#6985
12+06 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2403 Lakeshore
14+20	POE, East edge of Lakeshore Dr, Match New HMA		

Lakeshore Drive

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	POB, S edge of radius, "Pavt for Butt Joints, Rem"	(30'x18')	
0+70 Lt	"Monument Box, Adj"		
0+82 Rt	Int. of 124th Ave, Match New HMA		
1+09 Lt	Crushed Concrete Drive (ACRC will add mtrl after paving)		#2402
2+41 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2403
3+03 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(30'x6')	Beach House Ln, Pvt
5+75 Lt	HMA Drive, "Pavt for Butt Joints, Rem" (Valley Gutter)	(28'x6')	#2420
6+90 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#2421
7+37 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(28'x6')	Blue Water Ln, Pvt
9+70 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2428
11+70 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2436
12+94 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2438
13+70 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		
14+27 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2442
15+40 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2453
16+84 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2450
17+36 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2452
17+46 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2463
18+50 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#2456
19+06 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2465
19+76 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2464
19+76 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2465
21+43 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2468
22+87 Rt & Lt	Paved HMA Spillway, cover with HMA		
24+07 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
25+02 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		
25+12 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#2488
26+43 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#2491
26+56 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#2488
27+59 Lt	1/2" Pea Stone Drive (ACRC will add mtrl after paving)		#2492
28+34 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2496
28+59 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2509
28+84 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2509
28+93 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2500
29+07 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2513
29+78 Lt	Wooden Bridge over ditch		
30+74 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2508
32+00 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2516
32+30 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#2519

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
33+21 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#2525
33+59 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#2526
34+50 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2531
35+73 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(12'x6')	#2534
36+34 Rt	Concrete Drive, "Pavement Rem, Mod"	(20'x7')	#2533
37+45 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#2538
37+62 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#2537
38+73 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2545
39+61 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2542
40+83 Lt	Millings Drive (ACRC will add mtrl after paving)		#2552
40+96 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(42'x8')	Pebble Ln, Pvt
41+93 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#2554
43+20 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2556
43+39 Rt	Concrete Drive, "Pavement Rem, Mod"	(18'x6')	#2551
43+95 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2569
44+55 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#2557
45+63 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2566
46+27 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2566
46+64 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	
46+93 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(10'x6')	
48+62 Lt	"Manhole, Adj"		
49+54 Lt	Crushed Concrete Drive (ACRC will add mtrl after paving)		#2578
49+96 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2580
51+05 Rt	Concrete Drive, "Pavement Rem, Mod"	(16'x6')	#2581
51+68 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#2582
52+35 Rt	Concrete Drive, "Pavement Rem, Mod"	(18'x6')	#2583
52+37 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#2582
53+14 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2593
53+52 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2596
55+29 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2598
55+78 Rt	Int. of 126th Ave, Cover Existing HMA Approach		
55+85 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"	(50' wide)	Sundown Park
55+90	"Monument Box, Adj"		
56+56	POE, "Pavt for Butt Joints, Rem"	(24'x18')	

1. PH 300000 – SAGATUCK TOWNSHIP – Lakeshore Drive, 124th Avenue to 126th Avenue & 124th Avenue, Lakeshore Drive to I-196 – 1.34 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod	2,400 Tons		
Cold Milling HMA Surface	5,000 Syd		
Pavement for Butt Joints, Rem	600 Syd		
Pavement Rem, Mod	100 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, CI II, LM	500 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	71 Sta		
Pavt Mrkg, Waterborne, 4-inch, Yellow	11,000 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	3,000 Ft		
Monument Box, Adj.	3 Ea		
Manhole, Adj	1 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
 (Bidder)

2. PH 300001 – LAKETOWN & FILLMORE TOWNSHIPS – Blue Star Highway, 3,900' west of 60th Street to 58th Street – 2.01 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 **September 25, 2020.**

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 will be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

2. PH 300001 – LAKETOWN & FILLMORE TOWNSHIPS – Blue Star Highway, 3,900’ west of 60th Street to 58th Street – 2.01 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing surface. Crush and shape the existing HMA a minimum of 4” deep over concrete from Station POB to 102+98. Then place a HMA, 4E1, Mod (64-28) leveling course at an average yield of 220 lb/syd and a HMA, 4E1, Mod (64-28) surface course at an average yield of 220 lb/syd. Cold mill an average depth of 2” from Station 102+98 to POE. Then place a HMA, 4E1, Mod (64-28) top course an average yield of 220 lb/syd. Gravel shoulders and approaches will then be placed from the POB to POE. Pavement markings will then be placed from the POB to POE.

The road will be closed to through traffic using the detour route indicated below. Local traffic will be maintained.

HMA Widths:

<u>Station</u>	<u>HMA Width</u>	<u>Shoulder Width</u>
POB to POE	32’	4-5’ Rt & Lt














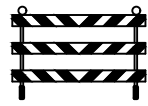


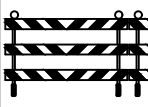

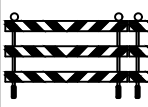

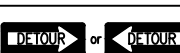

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	Gravel Drive, #6142 Blue Star Hwy (Reference)		#6142
0+70	POB, "Pavt for Butt Joints, Rem"	(36'x18')	
0+88	Begin "HMA Base Crushing and Shaping"		
2+14 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"	(60' wide)	#6135
3+11 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#6142
3+25 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"	(40' wide)	#6107
4+88 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#6121
6+10 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#6121
10+06 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#6097
10+96 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
12+72 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
14+04 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		
16+43 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"	(60' wide)	#6090
18+56 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(90'x8')	#6080

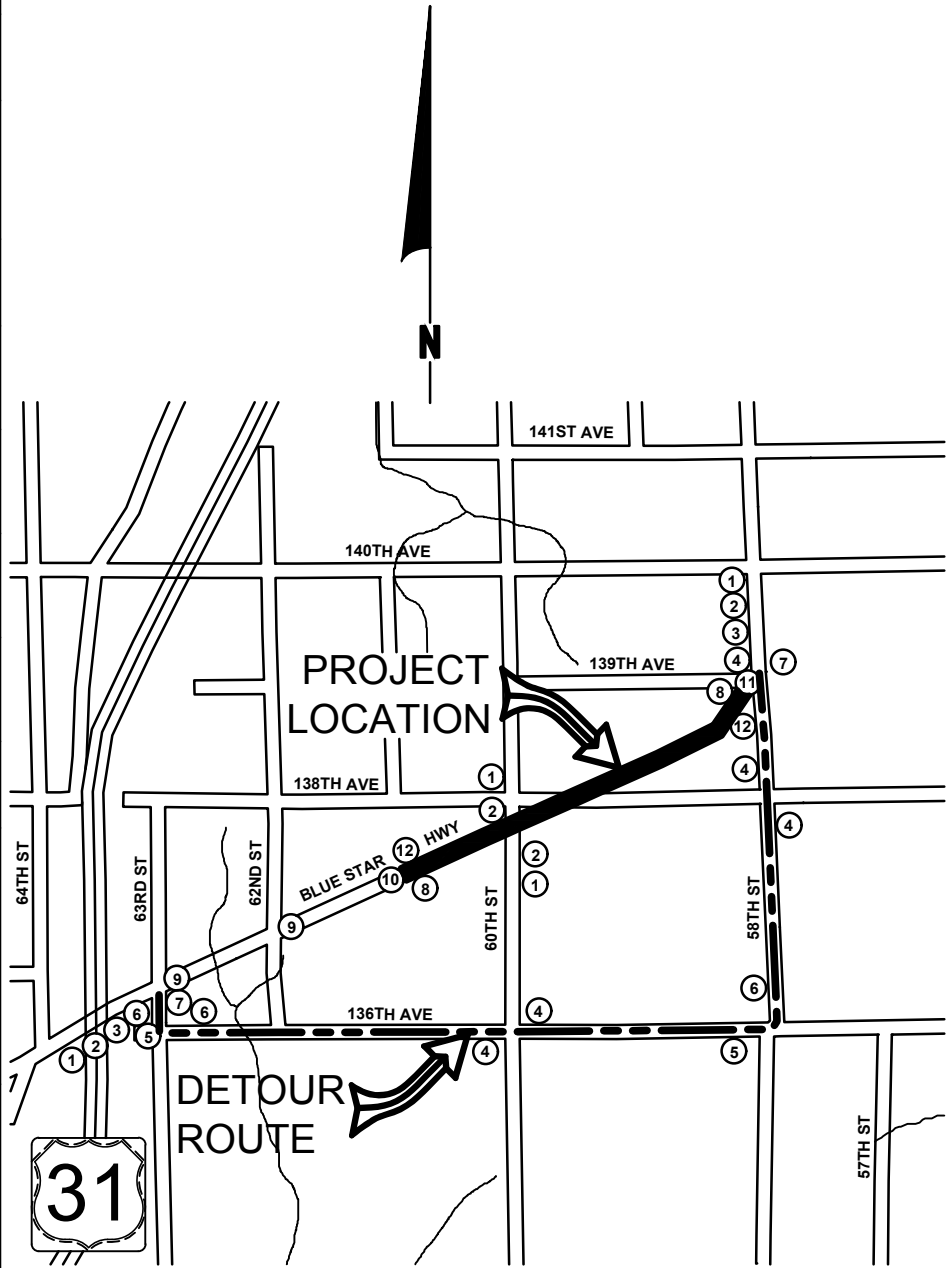
<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
20+50 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x8')	#6069
20+87 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x8')	#6068
23+25 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x8')	#6056
23+41 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x8')	#6069
24+97 Rt	Concrete Drive w/ Gravel Approach, Prep & Pave	(45'x8')	#6056
26+30 Lt	Concrete Curb & Gutter, "Pavt for Butt Joints, Rem"	(25'x8')	
26+50 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(35'x8')	#6069
26+70 Lt	Concrete Curb & Gutter, "Pavt for Butt Joints, Rem"	(25'x8')	
30+81 Lt	Concrete Drive, "Pavement Rem, Mod"	(24'x8')	#6037
31+74 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#6033
39+74 Lt	Int of 60th St, "Pavt for Butt Joints, Rem"	(35'x15')	
39+74 Rt	Int of 60th St, "Pavt for Butt Joints, Rem"	(35'x15')	
43+00 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x8')	#5992
43+10 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3796 60th
54+20 Lt	Int. of 138th Ave, "Pavt for Butt Joints, Rem"	(50'x15')	
54+20 Rt	Int. of 138th Ave, "Pavt for Butt Joints, Rem"	(50'x15')	
58+73 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
59+93 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x8')	#5941
63+03 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x8')	#5941
66+72 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x8')	#5924
68+13 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x8')	#5924
73+99 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
74+30 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
75+06 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
80+05 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#5897
82+51 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#5893
83+02 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#5891
83+95 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
84+26 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#5885
86+97 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x8')	#5878
88+28 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x8')	#5871
89+16 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
92+27 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#5841
95+22 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#5852
96+54 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		
100+14 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(30'x10')	#3896
102+98	End "HMA Base Crushing and Shaping"		
102+98	Begin "Cold Milling HMA Surface" @ 2" avg. depth		
102+98 Rt	Begin Concrete Curb & Gutter		
105+40 Lt	Begin Concrete Curb & Gutter		
105+87 Lt	End Concrete Curb & Gutter		
106+00 Lt	Int of 139th Ave, "Pavt for Butt Joints, Rem"	(45'x8')	
106+20 Lt	Begin Concrete Curb & Gutter		

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
106+75 Lt	End Concrete Curb & Gutter		
106+77 Rt	End Concrete Curb & Gutter		
106+76	POE, End "Cold Milling HMA Surface"		
107+11	Int of 58th Street, Monument Box (Reference)		

**PH 30001 - BLUE STAR HIGHWAY, 3,900' WEST OF 60TH STREET TO 58TH STREET
DETOUR ROUTE**

LEGEND					
SIGN NO.	QTY. (EA)	SIGN DESIGNATION	DESCRIPTION	SIZE	AREA
①	4	W20-1		48 INCH x 48 INCH	64 SFT
②	4	W20-3		48 INCH x 48 INCH	64 SFT
		D3-2a		36 INCH x 12 INCH	12 SFT
③	2	W20-2		48 INCH x 48 INCH	32 SFT
④	4	M4-9		30 INCH x 24 INCH	20 SFT
		D3-2a		36 INCH x 12 INCH	12 SFT
⑤	2	M4-9		30 INCH x 24 INCH	10 SFT
		D3-2a		36 INCH x 12 INCH	6 SFT
⑥	3	M4-9		30 INCH x 24 INCH	15 SFT
		D3-2a		36 INCH x 12 INCH	9 SFT
⑦	2	D3-2a		36 INCH x 12 INCH	6 SFT
		M4-8a		24 INCH x 18 INCH	6 SFT
⑧	2	R5-18c		48 INCH x 48 INCH	32 SFT
⑨	2	BARRICADE, TYPE III, HIGH INTENSITY, LIGHTED, 1 REQUIRED EACH LOCATION		1 REQUIRED EACH LOCATION	2 EA
		R11-4		60 INCH x 30 INCH	25 SFT
		M4-10		48 INCH x 18 INCH	12 SFT
⑩	1	BARRICADE, TYPE III, HIGH INTENSITY, LIGHTED, 1 REQUIRED EACH LOCATION		2 REQUIRED EACH LOCATION	2 EA
		R11-4		60 INCH x 30 INCH	12.5 SFT
⑪	1	BARRICADE, TYPE III, HIGH INTENSITY, LIGHTED, 1 REQUIRED EACH LOCATION		2 REQUIRED EACH LOCATION	2 EA
		R11-4		60 INCH x 30 INCH	12.5 SFT
		M4-10		48 INCH x 18 INCH	6 SFT
⑫	2	G20-2		48 INCH x 24 INCH	16 SFT

TOTAL AREA = 372 SFT



PORTION OF ALLEGAN COUNTY, MICHIGAN
NOT TO SCALE

2. PH 300001 – LAKETOWN & FILLMORE TOWNSHIPS – Blue Star Highway, 3,900' west of 60th Street to 58th Street – 2.01 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA Base Crushing and Shaping	36,500 Syd		
HMA 4E1, Mod (64-28)	8,600 Ton		
Cold Milling HMA Surface	1,600 Syd		
Pavt for Butt Joints, Rem	800 Syd		
Pavement Rem, Mod	30 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach CI II, LM	1,400 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Sign, Type B, Temp, Mod	372 Sft		
Barricade, Type III, High Intensity, Double Sided, Lighted, Mod	5 Ea		
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	107 Sta		
Pavt Mrkg, Waterborne, 4-inch, Yellow	6,000 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	21,000 Ft		
Monument Box, Adj.	1 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
 (Bidder)

3. PH 300002 – MONTEREY TOWNSHIP – 30th Street, 128th Avenue to 134th Avenue – 3.00 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 **September 25, 2020.**

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 will be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

3. PH 300002 – MONTEREY TOWNSHIP – 30th Street, 128th Avenue to 134th Avenue – 3.00 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface including Cold Milling HMA Surface an average depth of 2". Then place an HMA, 4E1, Mod surface course an average yield of 220 lb/syd. Gravel shoulders and approaches will then be placed from the POB to POE. Pavement markings will then be placed from the POB to POE.

HMA Widths:

<u>Station</u>	<u>HMA Width</u>	<u>Shoulder Width</u>
POB to 106+85	32'	1' Rt & Lt
106+85 to 119+20	34'	1' Rt & Lt
119+20 to 127+24	32'	0'
127+24 to 136+48	32'	1' Lt
136+48 to POE	34'	1' Rt & Lt

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	Int. of 128th Ave, Monument Box (Reference)		
0+65	POB, Begin "HMA Cold Milling"		
2+05 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(35'x7')	#2807
3+51 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2807
11+69 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
11+79 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
11+85 Lt & Rt	Begin Guardrail		
13+45 Rt	Non-paved CMP Spillway, "Prep & Pave" HMA Spillway		
13+55 Rt	End Guardrail		
13+67 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		
13+80 Rt	Begin Guardrail		
16+76 Rt	HMA Spillway, Cover w/ HMA		
19+35 Lt	End Guardrail		
19+41 Rt	End Guardrail		
19+51 Rt	Field Drive, "Shoulder & Approach CI II, LM"		

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
26+61	"Monument Box, Adj"		
26+76 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
26+82 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
26+95 Lt	Begin Guardrail		
27+00 Rt	Begin Guardrail		
37+44 Rt	End Guardrail		
37+70 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
38+06 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(30'x6')	#2947
38+06 Lt	End Guardrail		
38+28 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(30'x6')	#2952
43+18 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
44+30 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2971
45+63 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
46+21 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2976
46+23 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2983
46+82 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2976
47+26 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2980
47+98 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2983
48+05 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2980
50+37 Rt	HMA Drive, Feather Joint		#2991
50+40 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
51+18 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#2991
51+98 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(90'x12')	Center Store
52+24 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	Monterey Hall
52+35 Rt	Begin Concrete Curb & Gutter, "Pavement Rem, Mod" & Pave HMA Valley Gutter	(90'x2')	
52+43 Lt	Begin Concrete Curb & Gutter, "Pavement Rem, Mod" & Pave HMA Valley Gutter	(75'x2')	
52+90 Lt & Rt	Catch Basins, Rem & Replace with Dr. Structure Cover, Type C		
52+95 Lt & Rt	End Concrete Curb		
53+17	"Monument Box, Adj"		
53+17 Lt & Rt	Int of 130th Ave, "Pavt for Butt Joints, Rem"	(55'x18') (40'x34')	
53+34 Lt & Rt	Begin Concrete Curb & Gutter, "Pavement Rem, Mod " & Pave HMA Valley Gutter	(30'x2') (45'x2')	
53+44 Rt	Catch Basin, Rem & Replace with Dr. Structure Cover, Type C		
53+56 Lt & Rt	End Concrete Curb		
55+10 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3009
56+17 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3009
63+27 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3037
63+98 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3027
64+48 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(26'x6')	#3047
66+38 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		
67+48 Rt	Concrete Drive, "Pavement Rem, Mod"	(12'x9')	#3055

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
68+43 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3060
70+14 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
72+97 Lt	Millings Drive (ACRC will add mtrl after paving)		#3072
74+00 Rt	Being Concrete Curb & Gutter		
74+48	HMA Drive, "Pavt for Butt Joints, Rem"	(85'x6')	#3083
74+96 Rt	End Concrete Curb & Gutter		
78+08 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		
79+07 Lt	Millings Drive (ACRC will add mtrl after paving)		
79+82	"Monument Box, Adj"		
85+08 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		
87+70 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3138
88+27 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3138
91+19 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#3144
93+07 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
94+43 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
96+51 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(30'x6')	#3174
100+35 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(12'X12')	
104+74 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		
105+48 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		
106+46	"Monument Box, Adj"		
106+50 Lt & Rt	Int of 132nd Ave, "Pavement for Butt Joints, Rem"	(50'x22') (50'x15')	
106+85	Begin 34' wide road		
117+40 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(40'x8')	#3220
118+73 Rt	Begin HMA Valley Gutter, Cold Mill through, leave HMA Valley Gutter		
119+12 Rt	Begin Guardrail		
119+20 Lt	Begin HMA Valley Gutter, Cold Mill through, leave HMA Valley Gutter		
119+60 Lt	Begin Guardrail		
120+48 Rt	HMA Spillway, Cover w/ HMA		
121+01 Lt	HMA Spillway, Cover w/ HMA		
122+24 Rt	HMA Spillway, Cover w/ HMA		
122+96 Lt	HMA Spillway, Cover w/ HMA		
124+60 Rt	HMA Spillway, Cover w/ HMA		
125+84 Lt	HMA Spillway, Cover w/ HMA		
126+90 Lt	End Guardrail		
127+24 Lt	End HMA Valley Gutter		
127+67 Rt	HMA Spillway, Cover w/ HMA		
130+99 Rt	HMA Spillway, Cover w/ HMA		
132+85 Rt	End Guardrail		
132+91	"Monument Box, Adj"		
133+03 Rt	Int of 133rd Ave, "Pavt for Butt Joints, Rem"	(20'x35')	
133+21 Rt	Begin Guardrail		

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
133+65 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3318
134+01 Rt	HMA Spillway, Cover w/ HMA		
135+79 Rt	HMA Spillway, Cover w/ HMA		
135+90 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(30'x8')	#3321
136+39 Rt	End Guardrail		
136+48 Rt	End HMA Valley Gutter		
137+61 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(42'x4')	#3323
139+37 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3326
139+42 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3323
139+65 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
142+32 Rt	Millings Drive (ACRC will add mtrl after paving)		#3341
142+90 Rt	Millings Drive (ACRC will add mtrl after paving)		#3341
147+50 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		
148+37 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		
148+46 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
159+14	POE, End "HMA Cold Milling"		
159+53	Int of 134th Ave, Monument Box (Reference)		

3. PH 300002 – MONTEREY TOWNSHIP – 30th Street, 128th Avenue to 134th Avenue – 3.00 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
Cold Milling HMA Surface	57,700 Syd		
HMA 4E1, Mod	6,800 Tons		
Pavement for Butt Joints, Rem	800 Syd		
Pavement Rem, Mod	80 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, CI II, LM	500 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	159 Sta		
Pavt Mrkg, Waterborne, 4-inch, Yellow	13,000 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	31,000 Ft		
Monument Box, Adj.	5 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
(Bidder)

4. PH 300003 – SALEM TOWNSHIP – 142nd Avenue, 34th Street to 30th Street – 1.98 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 **September 25, 2020.**

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 will be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

4. PH 300003 – SALEM TOWNSHIP – 142nd Avenue, 34th Street to 30th Street – 1.98 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface including Cold Milling HMA Surface an average depth of 2". Then place an HMA, 4E1, Mod surface course an average yield of 220 lb/syd. Gravel shoulders and approaches will then be placed from the POB to POE. Pavement markings will then be placed from the POB to POE.

HMA Widths:

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

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	Int of 34th St, Monument Box (Reference)		
0+43	POB, Begin "HMA Cold Milling"		
0+81 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
1+92 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3395
4+67 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3385
8+47 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#3365
9+33 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3362
10+59 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3358
12+72 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3354
13+78 Rt	Concrete Drive, "Pavement Rem, Mod"	(20'x5')	#3348
14+06 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3345
17+58 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"	(60' wide)	#3332
19+39 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"	(40' wide)	#3328
19+98 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3327
25+61 Rt	Concrete Drive, "Pavement Rem, Mod"	(20'x5')	#3302
25+97 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
26+23	"Monument Box, Adj"		
26+35 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
33+00 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#3276
34+23 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3267

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
34+36 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(28'x6')	#3276
35+76 Lt	Gravel Drive w/ HMA Approach, Mill & Repave Existing HMA Approach	(35'x10')	#3267
36+54 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"	(60' wide)	#3260
37+82 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"	(90' wide)	#3260
39+42 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"	(50' wide)	#3260
52+45	"Monument Box, Adj"		
52+45 Rt & Lt	Int of 32nd St, "Pavement for Butt Joints, Rem"	(60'x20') (60'x20')	
54+37 Rt	1 1/2" Stone Drive (ACRC will add mtrl after paving)		#3198
54+80 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(90'x8')	#3191
54+85 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3196
56+65 Rt	Millings Drive (ACRC will add mtrl after paving)		#3182
58+37 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3175
59+92 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3173
60+54 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"	(30' wide)	#3172
61+36 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3183
64+28 Rt	Begin HMA Valley Gutter		
64+40 Lt	Begin 5' widening on left side to 21' lane		
64+69 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"	(40' wide)	#3152
65+77 Rt	Begin 5' widening on right side to 21' lane		
65+77 Rt	End HMA Valley Gutter		
66+21 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(12'x12')	#3149
66+58 Rt	Int of Cottontail Ct (Pvt), cold mill along joint at width of 21' lane widening		
66+72 Rt	Begin Concrete Curb & Gutter, Cold Mill along edge		
66+83 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
66+89 Rt	End Concrete Curb & Gutter		
67+39 Rt	End 5' Widening on right side		
67+69 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(8'x6')	#3143
67+87 Lt	Concrete Drive, "Pavement Rem, Mod"	(18'x7')	#3143
68+07 Lt	End 5' Widening on left side		
71+29 Lt	Begin 5' widening on left side to 21' lane		
71+40 Lt	Begin Concrete Curb & Gutter		
71+43 Rt	Begin 5' widening on right side to 21' lane		
71+75 Lt	End Concrete Curb & Gutter		
71+88 Lt	Int of Jackrabbit Ct (Pvt), mill along joint at width of 21' lane widening		
72+03 Lt	Begin Concrete Curb & Gutter		
72+30 Lt	Gravel Drive behind Concrete Curb & Gutter		
72+38 Lt	End Concrete Curb & Gutter		
73+38 Lt	End 5' Widening on left side		
74+10 Rt	End 5' Widening on right side		
75+18 Rt	Being 6' widening approach for T.G. Aggregates		

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
77+44 Rt	End 6' widening approach		
78+68 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3103
78+81	"Monument Box, Adj"		
78+97 Rt	Millings Drive (ACRC will add mtrl after paving)		#3098
79+11 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"	(40' wide)	
80+15 Lt	Crushed Concrete Drive (ACRC will add mtrl after paving)	(100' wide)	
85+47 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		
85+47 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		
87+42 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3066
87+43 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(65'x6')	#3073
88+44 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
88+63 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(30'x6')	#3073
92+13 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		
92+28 Rt	Millings Drive (ACRC will add mtrl after paving)		
93+22 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"	(100' wide)	
95+22 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
98+10 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
99+04 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#3020
101+64 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(40'x8')	Salem Twp Bldgs
102+54 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(26'x8')	Salem Twp Bldgs
104+86	POE, End "HMA Cold Milling"		
105+18	Int of 30th St, Monument Box (Reference)		

4. PH 300003 – SALEM TOWNSHIP – 142nd Avenue, 34th Street to 30th Street – 1.98 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
Cold Milling HMA Surface	38,000 Syd		
HMA 4E1, Mod	4,500 Tons		
Pavement for Butt Joints, Rem	550 Syd		
Pavement Rem, Mod	50 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach CI II, LM	350 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	105 Sta		
Pavt Mrkg, Waterborne, 4-inch, Yellow	10,000 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	20,700 Ft		
Monument Box, Adj	3 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
 (Bidder)

5. PH 300004 – LEIGHTON TOWNSHIP – Division Street, 138th Avenue to 142nd Avenue – 2.09 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 **September 25, 2020.**

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 will be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

5. PH 300004 – LEIGHTON TOWNSHIP – Division Street, 138th Avenue to 142nd Avenue – 2.09 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing surface. Crush and shape the existing HMA a minimum of 4" deep over concrete from Station POB to POE. Then place a HMA, 4E1, Mod (64-28) leveling course at an average yield of 220 lb/syd and a HMA, 4E1, Mod (64-28) surface course at an average yield of 220 lb/syd. Gravel shoulders and approaches will then be placed from the POB to POE. Pavement markings will then be placed from the POB to POE.

The road will be closed to through traffic using the detour route indicated below. Local traffic will be maintained.

HMA Widths:

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














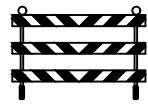


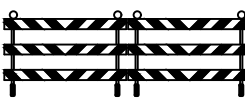

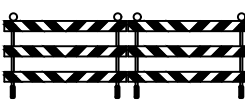

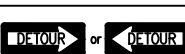

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	POB, approx. 680' S of 138th Ave, "Pavt for Butt Joints, Rem"	(34'x18')	
0+18	Begin "HMA Base Crushing and Shaping"		
0+66 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(28'x8')	#3776
1+54 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(60'x8')	#3776
1+67 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x8')	#3777
2+04 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3781
2+08 Lt	Concrete Drive, "Pavement Rem, Mod"	(16'x8')	#3780
5+52 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3794
5+54 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3799
6+81 Lt	Int of 138th Ave, Crush, Shape, & Resurface existing approach		
6+81	"Monument Box, Adj"		
7+85 Rt	Millings Drive (ACRC will add mtrl after paving)		#3803
9+06 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x8')	#3816
11+53 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3822
12+35 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3822

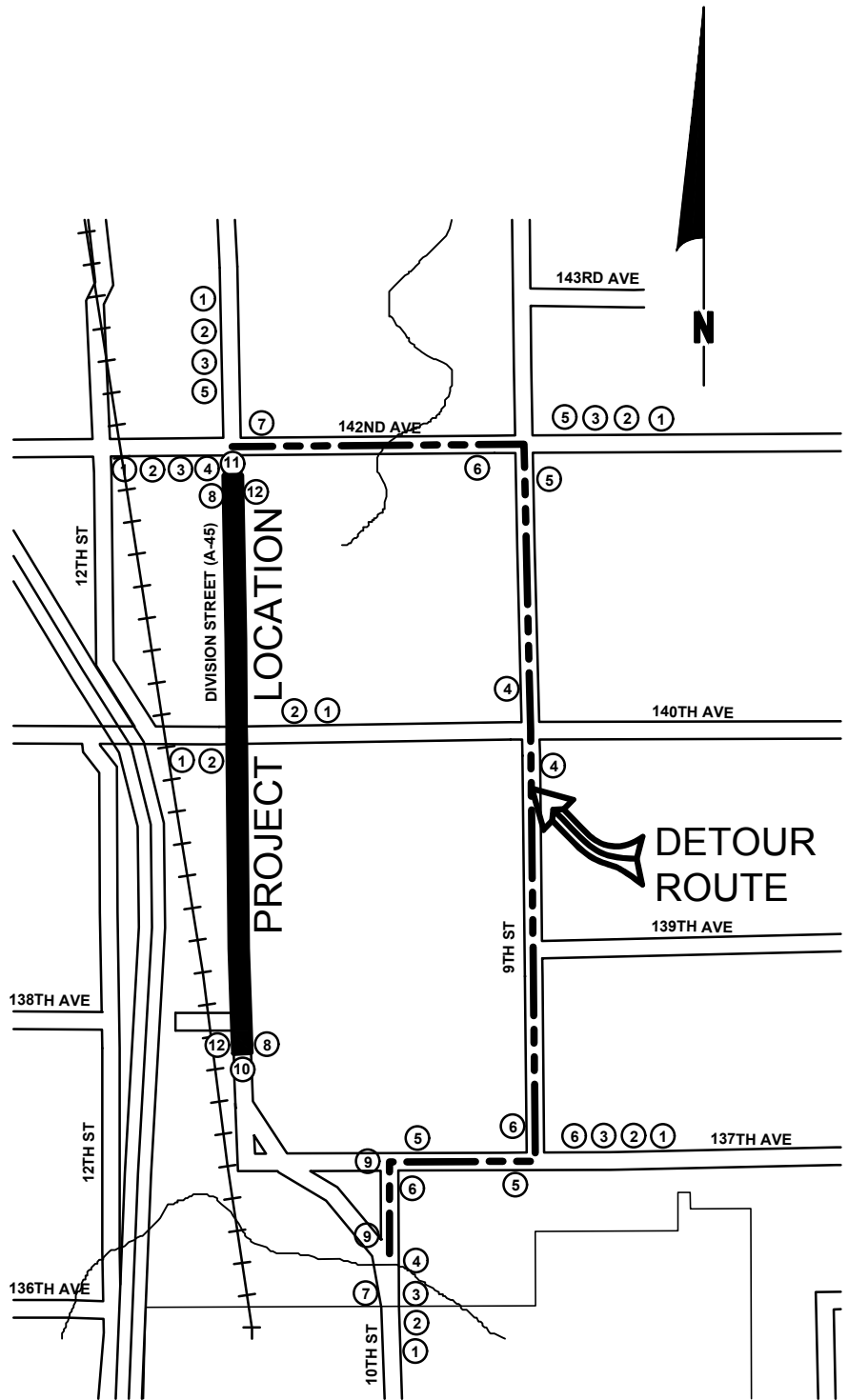
<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
13+97 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3828
14+62 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3828
15+55 Lt	Concrete Drive w/ Gravel Approach, Prep & Pave		#3828
16+23 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3828
17+30 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x8')	#3832
18+13 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x8')	#3832
23+67 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x8')	#3862
24+72 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3862
26+37 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3872
29+63 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		
32+88 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3884
33+30 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3887
33+44	"Monument Box, Adj" (PK nail in road)		
33+55 Lt	Millings Drive (ACRC will add mtrl after paving)		#3888
33+97 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x8')	#3887
35+18 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3894
36+45 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x8')	#3897
36+99 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3894
38+41 Rt	Millings Drive (ACRC will add mtrl after paving)		#3903
40+67 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x8')	#3910
41+96 Lt	Millings Drive (ACRC will add mtrl after paving)		#3924
44+01 Lt	Millings Drive (ACRC will add mtrl after paving)		#3928
44+01 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x8')	#3921
45+53 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(24'x10')	#3929
46+66 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x10')	#3929
47+36 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		
47+40 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(26'x10')	#3929
47+87 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x10')	#3929
47+89 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3940
49+90 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"	(30' wide)	#3929
50+52 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x8')	#3960
50+52 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
51+96 Lt	Millings Drive (ACRC will add mtrl after paving)		#3970
52+04 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		
56+44 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x8')14 Syd	#3980
57+44 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3980
59+98 Lt & Rt	Int of 140th Ave, Crush, Shape, & Resurface existing approaches		
60+02	"Monument Box, Adj"		
63+64 Rt	HMA Drive, Cover Existing Approach		#4021
63+90 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x8')	#4020
64+81 Rt	HMA Drive, Cover Existing Approach		#4029
68+05 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x8')	#4050

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
69+19 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
70+46 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x8')	#4065
71+79 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x8')	#4065
72+59 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x8')	#4066
74+45 Rt	Millings Drive (ACRC will add mtrl after paving)		#4067
74+94 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x8')	#4070
76+00 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4071
77+95 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x8')	#4082
80+68 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4105
81+77 Rt	Millings Drive (ACRC will add mtrl after paving)		#4105
85+82 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4127
86+51 Lt	"Monument Box, Adj"		
89+59 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
90+78 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(30'x8')	#4122
92+46 Lt	Concrete Drive, "Pavement Rem, Mod"	(72'x20')	#4122
108+08 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(88'x8')	#4180
109+10 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"	(90' wide)	#4188
110+24	End "HMA Base Crushing and Shaping"		
110+42	POE, Begin Concrete Road, "Pavt for Butt Joints, Rem"	(32'x18')	

**PH 30004 - DIVISION STREET, 138TH AVENUE TO 142ND AVENUE
DETOUR ROUTE**

LEGEND					
SIGN NO.	QTY. (EA)	SIGN DESIGNATION	DESCRIPTION	SIZE	AREA
①	7	W20-1		48 INCH x 48 INCH	112 SFT
②	7	W20-3		48 INCH x 48 INCH	112 SFT
		D3-2a		36 INCH x 12 INCH	21 SFT
③	5	W20-2		48 INCH x 48 INCH	80 SFT
④	4	M4-9		30 INCH x 24 INCH	20 SFT
		D3-2a		36 INCH x 12 INCH	12 SFT
⑤	5	M4-9		30 INCH x 24 INCH	25 SFT
		D3-2a		36 INCH x 12 INCH	15 SFT
⑥	4	M4-9		30 INCH x 24 INCH	20 SFT
		D3-2a		36 INCH x 12 INCH	12 SFT
⑦	2	D3-2a		36 INCH x 12 INCH	6 SFT
		M4-8a		24 INCH x 18 INCH	6 SFT
⑧	2	R5-18c		48 INCH x 48 INCH	32 SFT
⑨	2	BARRICADE, TYPE III, HIGH INTENSITY, LIGHTED, 1 REQUIRED EACH LOCATION		1 REQUIRED EACH LOCATION	2 EA
		R11-4		60 INCH x 30 INCH	25 SFT
		M4-10		48 INCH x 18 INCH	12 SFT
⑩	1	BARRICADE, TYPE III, HIGH INTENSITY, LIGHTED, 1 REQUIRED EACH LOCATION		2 REQUIRED EACH LOCATION	2 EA
		R11-4		60 INCH x 30 INCH	12.5 SFT
⑪	1	BARRICADE, TYPE III, HIGH INTENSITY, LIGHTED, 1 REQUIRED EACH LOCATION		2 REQUIRED EACH LOCATION	2 EA
		R11-4		60 INCH x 30 INCH	12.5 SFT
		M4-10		48 INCH x 18 INCH	6 SFT
⑫	2	G20-2		48 INCH x 24 INCH	16 SFT

TOTAL AREA = 557 SFT



PORTION OF ALLEGAN COUNTY, MICHIGAN

NOT TO SCALE

5. PH 300004 – LEIGHTON TOWNSHIP – Division Street, 138th Avenue to 142nd Avenue – 2.09 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA Base Crushing and Shaping	39,500 Syd		
HMA 4E1, Mod (64-28)	9,200 Tons		
Pavt for Butt Joints, Rem	800 Syd		
Pavement Rem, Mod	200 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach CI II, LM	550 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Sign, Type B, Temp, Mod	557 Sft		
Barricade, Type III, High Intensity, Double Sided, Lighted, Mod	6 Ea		
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	111 Sta		
Pavt Mrkg, Waterborne, 4-inch, Yellow	4,000 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	22,000 Ft		
Monument Box, Adj.	4 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
 (Bidder)

6. PH 300005 – HOPKINS & WAYLAND TOWNSHIPS – 12th Street, 124th Avenue to 128th Avenue – 1.76 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 **September 25, 2020.**

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 will be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

6. PH 300005 – HOPKINS & WAYLAND TOWNSHIPS – 12th Street, 124th Avenue to 128th Avenue – 1.76 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface including Cold Milling HMA Surface an average depth of 2". Then place an HMA, 4E1, Mod surface course an average yield of 220 lb/syd. Gravel shoulders and approaches will then be placed from the POB to POE. Pavement markings will then be placed from the POB to POE.

All cold milled HMA material will be hauled by the contractor and stockpiled at the Allegan County Road Commission Shelbyville Garage at 2594 12th St Shelbyville, MI 49344.

HMA Widths:

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

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	Centerline of 124th Ave (Reference)		
0+30	POB, Begin "HMA Cold Milling"		
0+47 Lt	Begin Guardrail		
2+20 Lt	End Guardrail		
2+28 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x8')	#2412
4+54 Lt	HMA Drive, Feather Joint		#2420
6+78 Rt	U.S.-131 Exit Ramp, Mill through at 16' lane on Rt		
7+55 Lt	Millings Drive (ACRC will add mtrl after paving)		#2428
8+34 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x8')	#2428
14+32 Rt	Begin Guardrail		
16+22 Rt	End Guardrail		
19+41 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x8')	#2468
20+50 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"	(50' wide)	#2468
23+44 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"	(50' wide)	#2468
24+92 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"	(50' wide)	#2468
26+19	"Monument Box, Adj"		
26+58	"Monument Box, Adj"		
26+82 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
28+80 Rt	HMA Drive, Feather Joint		#2521
33+04 Rt	Millings Drive (ACRC will add mtrl after paving)		#2527
34+35	Gravel Drive, "Shoulder & Approach CI II, LM"		#2523
35+55	Field Drive, "Shoulder & Approach CI II, LM"		
36+92 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x8')	#2547
40+38 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x8')	#2553
48+42 Rt	Gravel Drive w/ HMA Approach, Mill & Repave		ACRC Shelbyville Garage
51+10 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(40'x12')	ACRC Shelbyville Garage
51+96 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(24'x6')	#2592
52+34	"Monument Box, Adj"		
53+12	"Monument Box, Adj"		
53+12 Lt	Int of 126th Ave, Mill & Repave Existing HMA Approach		
53+12	Begin existing 24' wide paved road		
55+77 Rt	Millings Drive (ACRC will add mtrl after paving)		#2631
58+76 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(35'x8')	MI Cattle Co
59+17 Rt	Millings Drive (ACRC will add mtrl after paving)		#2631
63+84 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#2649
75+93 Lt	Millings Drive (ACRC will add mtrl after paving)		#2684
76+33 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(60'x8')	#2701
78+84	"Monument Box, Adj"		
79+23	"Monument Box, Adj"		
79+28	"Monument Box, Adj"		
80+24 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(40'x8')	#2701
81+56 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(56'x8')	#2701
92+73	"Monument Box, Adj"		
92+82 Lt	Int of 128th Ave, "Pavt for Butt Joints, Rem"	(35'x15')	
93+42	POE, End "HMA Cold Milling"		

6. PH 300005 – HOPKINS & WAYLAND TOWNSHIPS – 12th Street, 124th Avenue to 128th Avenue – 1.76 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
Cold Milling HMA Surface	27,600 Syd		
HMA 4E1, Mod	3,700 Tons		
Pavt for Butt Joints, Rem	400 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach CI II, LM	250 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	94 Sta		
Pavt Mrkg, Waterborne, 4-inch, Yellow	10,300 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	18,400 Ft		
Monument Box, Adj.	8 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
 (Bidder)

7. PH 300006 – CHESHIRE & VALLEY TOWNSHIPS – 112th Avenue, 44th Street to 37th Street
– 3.52 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 **September 25, 2020.**

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 will be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

7. PH 300006 – CHESHIRE & VALLEY TOWNSHIPS – 112th Avenue, 44th Street to 37th Street
– 3.52 miles

SCOPE OF THE WORK

The work will consist of stabilizing peat areas by Cold Milling HMA Surface (including gravel shoulders) to a minimum depth of 6” and stockpile material onsite. Then place Geotextile, Separator and High Performance Biaxial Geogrid the width and length of milled area. Replace, grade, and compact the stockpiled material a depth of 6”, to be paid Aggregate Surface Cse. Place HMA, 4E1, Mod leveling course an average yield of 220 lb/syd prior to surface course. Road closures can be used during peat stabilization but maintain traffic during paving.

Peat Areas:

<u>Station</u>	<u>Milled Width</u>
37+65 to 45+30	34'
138+70 to 142+70	34'

Then the work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, 4E1, Mod surface course an average yield of 275 lb/syd. Gravel shoulders and approaches will then be placed from the POB to POE. Pavement markings will then be placed from the POB to POE.

HMA Widths:

<u>Station</u>	<u>HMA Width</u>	<u>Shoulder Width</u>
POB to POE	30'	1-2' Rt & Lt

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	POB, Begin HMA Paved Road just W of 44th St Int.		
0+66 Lt	Int. of 44th St N, Cover Existing HMA Approach		
0+75	"Monument Box, Adj"		
0+79	"Monument Box, Adj"		
0+81	Int. of 44th St S, "Pavt for Butt Joints, Rem"	(60'x18')	
1+68 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4395
2+76 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4395
2+85 Rt	Field Drive, "Shoulder & Approach CI II, LM"		

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
3+83 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
5+66 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x7')	#4357
8+00 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x7')	#4372
12+54 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4364
14+96 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4364
16+00 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		
16+32 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4343
17+44 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
18+27 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4339
18+72 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		
20+14 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4330
20+20 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
20+69 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4330
21+53 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4315
24+48 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4300
27+20	"Monument Box, Adj"		
27+21	"Monument Box, Adj"		
28+45 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4291
30+02 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4288
31+69 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"	(40' wide)	#4287
34+08 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
35+00 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4273
37+65	Begin "Cold Milling HMA Surface", then "Geotextile, Separator", then "High Performance Biaxial Geogrid", then "Aggregate Surface Cse", then "HMA, 4E1, Mod" leveling		
36+35 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4271
39+91 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4269
45+30	End "Cold Milling HMA Surface", then "Geotextile, Separator", then "High Performance Biaxial Geogrid", then "Aggregate Surface Cse", then "HMA, 4E1, Mod" leveling		
47+00 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4241
49+01 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4217
53+60	"Monument Box, Adj"		
53+65	"Monument Box, Adj"		
53+65 Lt	Int. of 42nd St N, "Pavt for Butt Joints, Rem"	(40'x15')	
53+65 Rt	Int. of 42nd St S, Cover Existing HMA Approach		
55+63 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4192
55+92 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4187
57+47 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"	(100' wide)	#4187
58+52 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4181
58+88 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		
60+08 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4177
61+35 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4173

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
62+00 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4170
62+14 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4169
63+95 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4155
65+89 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4165
66+06 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4166
67+80 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
68+92 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4123
72+75 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4121 1/2
73+65 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x7')	#4121
75+12 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x7')	#4121
79+84 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4105
80+03	"Monument Box, Adj"		
80+03 Rt	Int. of 41st St, Cover Existing HMA Approach		
80+10	"Monument Box, Adj"		
82+60 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4092
83+00 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4087
84+92 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4076
88+20 Rt	HMA Millings Drive (ACRC will add material after paving)		#4068
90+13 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
90+53 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4058
95+00 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4042
95+77 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4042
98+48 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
99+91 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4027
100+93 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4027
101+21 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4028
103+65 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"	(30' wide)	Kimbel Dr, Pvt
106+31 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#4008
106+33 Lt	Int. of 40th St, Cover Existing HMA Approach		
106+45	"Monument Box, Adj"		
106+55	"Monument Box, Adj"		
107+87 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
109+73 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3990
113+98 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3973
115+79 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3961
116+02 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		
121+94 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		
123+19 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3949
123+73 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3938
124+96 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3931
125+57 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3925

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
127+08 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3930
130+03 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3913
132+78 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
132+97	"Monument Box, Adj"		
132+98 Rt	Int. of 39th St, Cover Existing HMA Approach		
133+06	"Monument Box, Adj"		
136+92 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3889
138+00 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3882
138+70	Begin "Cold Milling HMA Surface", then "Geotextile, Separator", then "High Performance Biaxial Geogrid", then "Aggregate Surface Cse", then "HMA, 4E1, Mod" leveling		
142+70	End "Cold Milling HMA Surface", then "Geotextile, Separator", then "High Performance Biaxial Geogrid", then "Aggregate Surface Cse", then "HMA, 4E1, Mod" leveling		
144+64 Rt	HMA Drive, Feather Joint		#3860
146+14 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3819
148+56 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3846
153+00 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
159+53	"Monument Box, Adj"		
159+53 Rt	Int. of 38th St, Cover Existing HMA Approach		
159+58	"Monument Box, Adj"		
161+00 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		
169+46 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3767
176+74 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3736
177+00 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3741
177+66 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3734
184+02 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3709
184+72 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#3709
185+80	POE, "Pavt for Butt Joints, Rem"	(40'x18')	
186+16	Int of 37th St, Monument Box (Reference)		

7. PH 300006 – CHESHIRE & VALLEY TOWNSHIPS – 112th Avenue, 44th Street to 37th Street
 – 3.52 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
Cold Milling HMA Surface	4,500 Syd		
Geotextile, Separator	4,500 Syd		
High Performance Biaxial Geogrid	4,500 Syd		
Aggregate Surface Cse	1,400 Ton		
HMA 4E1, Mod	9,500 Tons		
Pavt for Butt Joints, Rem	350 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach CI II, LM	700 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Sign, Type B, Temp, Mod	128 Sft		
Barricade, Type III, High Intensity, Double Sided, Lighted, Mod	4 Ea		
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	186 Sta		
Pavt Mrkg, Waterborne, 4-inch, Yellow	10,000 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	37,000 Ft		
Monument Box, Adj.	14 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
 (Bidder)

8. PH 300007 – GUN PLAIN & MARTIN TOWNSHIPS – 2nd Street, Marsh Road to 118th Avenue
– 4.10 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 **September 25, 2020.**

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 will be forfeited to the Allegan County Road Commission as liquidated damage.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

8. PH 300007 – GUN PLAIN & MARTIN TOWNSHIPS – 2nd Street, Marsh Road to 118th Avenue
– 4.10 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface including Cold Milling HMA Surface an average depth of 2". Then place an HMA, 4E1, Mod surface course an average yield of 220 lb/syd. Gravel shoulders and approaches will then be placed from the POB to POE. Pavement markings will then be placed from the POB to POE.

HMA Widths:

<u>Station</u>	<u>HMA Width</u>	<u>Shoulder Width</u>
POB to 4+55	33'-34'	1' Rt & Lt
4+55 to 58+85	30'	1' Rt & Lt
58+85 to 164+90	26'	1'-2' Rt & Lt
164+90 to POE	30'	1' Rt & Lt

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	Centerline of Marsh Road (for reference)		
0+35	POB, Begin "Cold Milling HMA Surface"	65' wide	
0+51 Lt	Begin HMA Valley Gutter		
0+78 Rt	Begin HMA Valley Gutter		
1+70 Lt	Millings Drive (ACRC will add material after paving)		
3+53 Lt	End HMA Valley Gutter		
3+95	"Monument Box, Adj"		
3+95 Lt	Int. of 110th Ave, Mill & Repave Existing HMA Approach		
4+20 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
4+45 Lt	Begin existing 12.5' lane left side		
4+55 Rt	End HMA Valley Gutter		
4+76 Rt	Begin existing 12.5' lane left side		
4+76	Begin existing 25' wide paved road		
23+47 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
23+70 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
24+00 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
30+58 Lt	Field Drive, "Shoulder & Approach CI II, LM"		

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
41+80 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
43+38 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1136
44+03 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
50+93 Lt	Begin Guardrail		
50+98 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
51+10 Rt	Begin Guardrail		
51+62	Begin Bridge Deck		
52+17	End Bridge Deck		
52+70 Lt	End Guardrail		
52+87 Rt	End Guardrail		
53+22 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1172
55+06 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1182
55+54 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
58+53 Lt	"Monument Box, Adj"		
58+66 Lt	Int. of 112th Ave W, Mill & Repave Existing HMA Approach		
59+83 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1203
61+39 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1211
63+51 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
64+35 Lt	Int. of 112th Ave E, "Pavt for Butt Joints, Rem"	(75'x15')	
65+15 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#189 112th Ave
65+57 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1234
71+92 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
73+49 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1264
77+28 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1275
78+62	Begin existing widening to 24' wide road		
80+36 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1283
81+72 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1285
81+85 Rt	Begin Guardrail		
82+01 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"	(50' wide)	Vande Bunte Eggs
82+46 Lt	Begin Guardrail		
82+80	Begin Concrete Bridge Deck, End "Cold Milling HMA Surface"		
84+34	End Concrete Bridge Deck, Resume "Cold Milling HMA Surface"		
84+67 Rt	End Guardrail		
84+98 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1297
85+11	"Monument Box, Adj"		
86+35 Rt	Begin existing 12' lane Rt		
86+65 Lt	End Guardrail		
87+66	End existing 24' wide road, Begin existing 23' wide road		
90+71 Rt	Field Drive, "Shoulder & Approach CI II, LM"		

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
95+23 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#1339
96+97 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1345
99+32 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
110+70 Lt	Begin Guardrail		
111+47 Lt	End Guardrail		
111+62	"Monument Box, Adj"		
111+62 Lt	Int. of 114th Ave, Mill & Repave, Guardrail on both sides of approach	(28'x140')	
111+66 Rt	Int. of 114th Ave, Mill & Repave Existing HMA Approach		
111+78 Lt	Begin Guardrail		
112+54 Lt	End Guardrail		
124+40 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
124+64 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1441
125+76 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1441
131+33 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
133+62 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1470
134+90 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1485
136+05 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1485
138+02	"Monument Box, Adj"		
138+64 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1495
143+17 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
144+56 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1521
145+03 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1521
146+23 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
152+53 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"	(30' wide)	#1551
157+60 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1571
163+35 Lt	Begin Guardrail		
164+18 Lt	End Guardrail		
164+32 Rt	Int. of 116th Ave (Seasonal), Mill & Repave Existing Approach		
164+38	"Monument Box, Adj"		
164+38 Lt	Int. of 116th Ave, "Pavt for Butt Joints, Rem"	(65'x15')	
164+57 Lt	Begin Guardrail		
164+90	Begin existing 28' wide paved road		
164+92 Lt	End Guardrail		
174+83 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
176+44 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1640
177+15 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
177+85	Begin existing 30' wide paved road		
177+95 Rt	Millings Drive (ACRC will add material after paving)		
180+31 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1655
184+54 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1655
184+93 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1674

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
185+37 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"	(50' wide)	#1680
187+40 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"	(35' wide)	#1686
188+82 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1687
190+44 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(12'x8')	#1701
190+79	"Monument Box, Adj"		
190+92 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
194+31 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
195+27 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
197+03 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
197+14 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
198+46 Rt	Field Drive, "Shoulder & Approach CI II, LM"		
198+87 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x10')	#1790
199+40 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
201+47 Lt	Field Drive, "Shoulder & Approach CI II, LM"		
202+36 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		#1734
205+75 Rt	Gravel Drive, "Shoulder & Approach CI II, LM"	(330' wide)	#1785
206+32 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"		
216+15 Lt	Gravel Drive, "Shoulder & Approach CI II, LM"	(150' wide)	
216+70	POE, End "Cold Milling HMA Surface"		
217+19	Int of 118th Ave, Monument Box (Reference)		

8. PH 300007 – GUN PLAIN & MARTIN TOWNSHIPS – 2nd Street, Marsh Road to 118th Avenue
– 4.10 miles

ALLEGAN COUNTY ROAD COMMISSION

ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
Cold Milling HMA Surface	63,000 Syd		
HMA 4E1, Mod	8,000 Tons		
Pavt for Butt Joints, Rem	300 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach CI II, LM	800 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	217 Sta		
Pavt Mrkg, Waterborne, 4-inch, Yellow	9,000 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	43,000 Ft		
Monument Box, Adj.	7 Ea		

TOTAL OF BID \$ _____

SIGNED: _____ DATE: _____
(Bidder)