

NAME OF CONTRACTOR: _____

PROPOSAL AND SPECIFICATIONS
FOR
ALLEGAN COUNTY “AREA 1” HOT MIX ASPHALT PAVING
February 15, 2023

1. LH 400161 – FILLMORE TOWNSHIP – 143rd Avenue, 56th Street to M-40 – 1.92 miles
2. LH 400162 – FILLMORE TOWNSHIP – 52nd Street, 141st Avenue to M-40 – 0.64 miles
3. LH 400154 – LAKETOWN TOWNSHIP – 62nd Street, 136th Avenue North to End – 2.59 miles
4. LH 400155 – LAKETOWN TOWNSHIP – 63rd Street, Blue Star Highway to 138th Avenue – 0.78 miles
5. LH 400156 – LAKETOWN TOWNSHIP – Valleywood Court, Scenic Shores Drive & Sailview Drive, South of 147th Avenue – 0.54 miles
6. LH 400164 – MANLIUS TOWNSHIP – 133rd Avenue, 50th Street to 48th Street – 1.02 miles
7. LH 400165 – MANLIUS TOWNSHIP – Old Allegan Road, 58th Street to New Richmond Bridge Park – 0.37 miles
8. LH 400148 – MANLIUS & SAUGATUCK TOWNSHIPS – 60th Street, 0.37 miles South of Old Allegan Road to 136th Avenue – 2.42 miles
9. LH 400177 – SAUGATUCK TOWNSHIP – Newport Drive & Harbor Road, North of Riverside Road, and Arrowhead Drive & Riverside Road, East of 62nd Street – 0.58 miles
10. PH 300041 – SAUGATUCK & MANLIUS TOWNSHIPS – Old Allegan Road, Blue Star Highway to 58th Street – 4.14 miles

ALLEGAN COUNTY ROAD COMMISSION

ADVERTISEMENT FOR BIDS

COUNTY LOCAL HOT MIX ASPHALT PAVING

Sealed bids will be received by the Allegan County Road Commission at their office at 1308 Lincoln Road (M-89), Allegan, Michigan until 11:00 A.M., Wednesday February 15, 2023, 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: 5EL and 4EL) in Fillmore, Laketown, Manlius and Saugatuck 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
Larry Brown, Vice-Chairman
Rick Cain, 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

Commissioner

Date

ALLEGAN COUNTY ROAD COMMISSION

STANDARD PROVISIONS

SCOPE OF THE WORK

The work consists of furnishing and placing HMA and related items at ten (10) locations throughout the county. **Projects will be awarded as one contract for all ten (10) locations.** The Board of Allegan County Road Commissioners reserves the right to award of contract in the best interest of the Road Commission. 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, 2020 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 intersections 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 courses 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, 5EL

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.

HMA, 4EL

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, 5EL	Ton
HMA, 4EL	Ton

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 at the slope of the existing roadway. Any excess material will be removed and disposed outside the road right-of-way as part of this item.

In the case of an HMA overlay that does not include “Cold Milling HMA Surface” prior to paving, this item will also include all labor, material, and equipment required to cold mill and dispose of all existing asphalt valley gutter from both shoulders. In this case, cold milling all asphalt valley gutter will be paid as “Shoulder Prep” and not paid as “Cold Milling HMA Surface” or “Pavt for Butt Joints, Rem” along driveways.

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.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Shoulder Prep	Lump Sum

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 this time, liquidated damages will be assessed in accordance with section 108.10 of the 2020 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

TOPSOIL SHOULDER, LM

This item will include all labor, material, and equipment to place and strike off the material. Dumping of material on the edge of pavement 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 2020 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

PAVT, 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 to the line 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 at a minimum of 3” and included in this item.

METHOD OF PAYMENT FOR PAVT, REM, MOD

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

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Pavt, Rem, Mod	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

DR STRUCTURE COVER, ADJ, CASE 1, MOD

This item includes all equipment, labor, and materials required for temporary lowering (prior to cold milling hma surface) and adjusting of existing storm sewer and sanitary sewer manhole covers to the finish pavement elevation and shall be in accordance with Section 403 Standard Specifications for Construction and the detail included in this special provision.

The material used for backfilling the drainage structure cover shall be Concrete Grade, 3500 (psi). Public utilities will inspect and supply new structure covers for their facilities where needed.

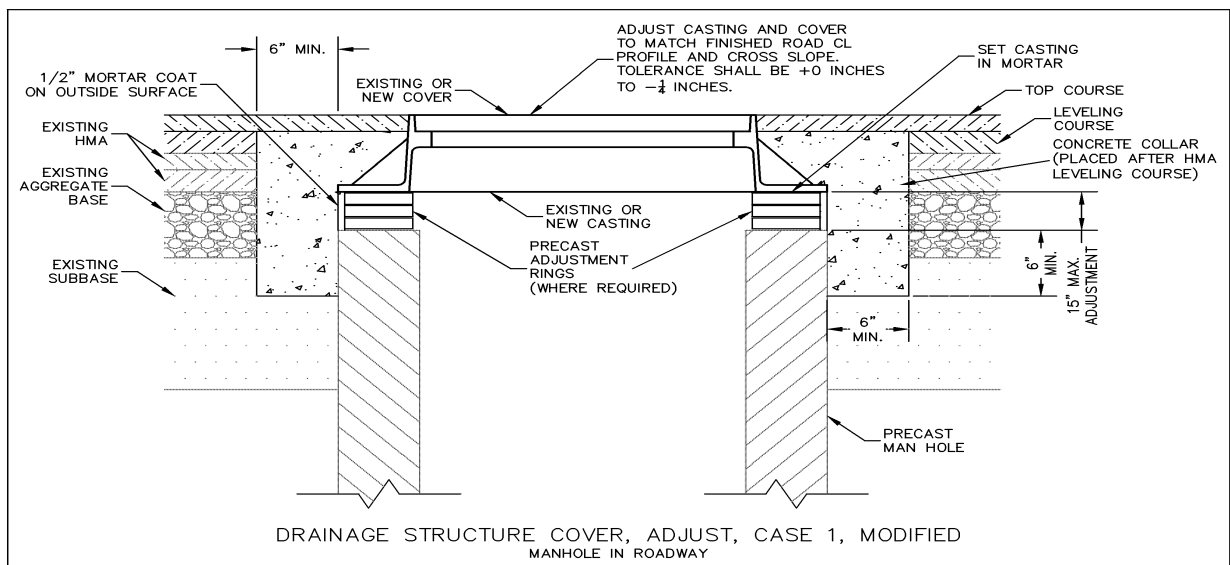
Construction methods shall be in accordance with Section 403 of the Standard Specifications for Construction except that material used for backfilling the cover after it has been adjusted to the finished pavement elevation shall be concrete and placed to the dimensions shown on the attached drawing. The contractor shall strike off the mortar on the inside of the adjustment and casting joints. Benches and flow lines shall be cleaned of all debris. All debris shall be removed from the structure. No washing of debris will be allowed.

Drainage structures that need reconstructing 6 inches below the finish bottom of casting elevation shall be paid as "Dr Structure, Adj, Add Depth" which shall include all labor, equipment, excavation, and materials necessary to complete the item.

METHOD OF PAYMENT FOR DR STRUCTURE COVER, ADJ, CASE 1, MOD

The item of "Dr Structure Cover, Adj, Case 1, Mod" will be paid for by the individual unit.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Dr Structure Cover, Adj, Case 1, Mod	Each



MAILBOX POST, MOD

Whenever mailboxes are encountered along the project within the construction limits, the contractor shall maintain all such existing mailboxes at or near their present location in such a manner as to permit the uninterrupted delivery of the mail. As the progress of the work permits, the contractor shall relocate the mailboxes as directed by the Engineer to a point near the outside edge of the new shoulder and reset them permanently in compliance with the requirements of the United States Postal Service.

The treatment of mailboxes and mailbox posts shall be in accordance with Section 807.03K of the Michigan Department of Transportation 2020 Standard Specifications for Construction except that if it is determined by the Engineer that the existing mailbox post need not be replaced, the use of the existing post for resetting the existing mailbox in its permanent position will be allowed, and a new post will not be required. The post shall be embedded 20 inches to 24 inches in the ground. The existing mailbox shall be set on a new post if it is in good condition as determined by the engineer and meets present standards. At applicable locations the newspaper boxes shall also be transferred to the new post along with the mailbox. Address numbers shall be a minimum of 3 inches tall and shall be placed on both sides when new mail boxes are used.

MEASUREMENT AND PAYMENT:

The completed work will for each mailbox post relocated, including all materials, labor and equipment and will be paid for at the contract unit price using the following contract item Pay Item:

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Mailbox Post, Mod	Each

No Additional payment will be made for mailboxes or posts damaged by the contractor.

PAVT MRKG, WATERBORNE, 4-INCH, YELLOW

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

The Allegan County Road Commission will mark no-passing zones after paving the surface course. Pavement markings must be placed within **14 calendar days** of shoulder completion. After this time, liquidated damages will be assessed in accordance with section 108.10 of the 2020 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 pavement marking according to Section 811 of the Standard Specifications.

Pavement markings must be placed within **14 calendar days** of shoulder completion. After this time, liquidated damages will be assessed in accordance with section 108.10 of the 2020 Standard Specifications for Construction.

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 and conform to Section 812.G.1-9 in the Standard Specifications. Failure to provide safe and satisfactory flag control as determined by Engineer will result in reduction in payment for item Flag Control after first initial warning which will be in writing with corrective action to be taken.

Second Warning – 50% reduction

Third Warning – No payment

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, channelizing devices, 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. Failure to provide adequate and proper traffic control devices as determined by Engineer will result in no payment of item until the correct devices are provided. Any corrective action will be in writing to the Contractor.

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

AGGREGATE SURFACE CSE, MOD

This item will include all labor, material, and equipment required to add MDOT 22A gravel to the HMA surface prior to pulverizing and to mix the gravel 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	Square Yard

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 **2020 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.

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.

The Allegan County Road Commission will be replacing cross culverts on some of the projects prior to paving. Confirm culvert replacements are complete prior to scheduling paving.

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.

ALLEGAN COUNTY ROAD COMMISSION

LOG OF PROJECT

FOR

1. LH 400161 – FILLMORE TOWNSHIP – 143rd Avenue, 56th Street to M-40 – 1.92 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, 4EL 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.

HMA Widths:

<u>Station</u>	<u>HMA Width</u>	<u>Shoulder Width</u>
POB to POE	22'	5' Rt & Lt

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	Monument Box @ 56th St (Reference)		
0+35	POB, "Pavt for Butt Joints, Rem"	28'x20'	
2+37 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	22'x6'	#5584
3+80 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	20'x10'	#5584
7+76 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	28'x6'	#5568
9+69 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	22'x6'	#5560
10+68 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#5548
11+87 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	20'x6'	#5550
12+27 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	20'x4'	#5553
13+25 Rt	Pavt Mrkg,Ovly Cold Plastic,Railroad Sym		
17+18 Rt	Pavt Mrkg,Ovly Cold Plastic,24in,Stop Bar	11'	
17+26	West Side of RR Tracks, "Pavt for Butt Joints, Rem"	22'x30'	
17+41	Center of RR Tracks (Reference)		
17+56	East Side of RR Tracks, "Pavt for Butt Joints, Rem"	22'x30'	
17+64 Lt	Pavt Mrkg,Ovly Cold Plastic,24in,Stop Bar	11'	
22+49 Lt	Pavt Mrkg,Ovly Cold Plastic,Railroad Sym		
23+68 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	16'x6'	#5510
24+71 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	30'x6'	#5511
26+42	"Monument Box, Adj"		
26+69 Rt	Concrete Drive, "Pavement Rem, Mod"	28'x5'	#5490
33+32 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	20'x6'	#5468

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
34+17 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#5463
34+84 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#5463
37+82 Lt	Millings Drive (ACRC will add material after paving)		#5455
38+29 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	30'x6'	#5455
39+53 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	50'x6'	#5455
40+84 Lt	Begin 10' Widening Approach		
41+71 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	155'x10'	Cottonwood Park
42+25 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	40'x6'	#5440
42+54 Lt	End 10' Widening Approach		
45+46 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	34'x6'	#5428
46+80 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	50'x6'	Whitetail Dr (Pvt)
53+06 Rt	Int. of 54th St (South), Cover Existing HMA Approach	170 syd	
53+06 Lt	"Monument Box, Adj"		
54+60 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	20'x6'	#5395
58+58 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	55'x6'	#5373
62+14 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	24'x6'	#5349
64+20 Rt	Gravel Drive, "Shoulder & Approach, CI II, LM"		#5354
64+39 Rt	Begin Taper to 11' Widening		
65+36 Lt	Begin Taper to 11' Widening Approach		
65+98 Lt	Concrete Drive, "Pavement Rem, Mod"	22'x5'	#5355
66+10 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	30'x6'	
66+35 Lt	Begin Conc Curb & Gutter, "Pavt for Butt Joints, Rem"	22'x6'	
66+97 Lt	Int. of S Kensington Dr, "Pavt for Butt Joints, Rem"	75'x6'	
67+59 Lt	End Conc Curb & Gutter, "Pavt for Butt Joints, Rem"	30'x6'	
67+85 Rt	<i>Begin HMA Valley Gutter</i>		
68+69 Rt	<i>End HMA Valley Gutter</i>		
68+78 Rt	Concrete Drive, "Pavement Rem, Mod"	16'x6'	#5338
68+92 Rt	Begin Taper to 11' Wide Lane		
68+92 Lt	End 11' Widening Approach		
69+82 Rt	Resume 11' Wide Lane (22' Wide Rd)		
75+69 Lt	Millings Drive (ACRC will add material after paving)		#5313
78+38 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#5306
78+38 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	24'x6'	#5305
79+43 Rt	Int. of 53rd St (South), "Pavt for Butt Joints, Rem"	50'x15'	
79+45	"Monument Box, Adj"		
86+40 Rt	Millings Drive (ACRC will add material after paving)		Sand Pit
92+79 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	20'x6'	#5248
97+29 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	20'x6'	#5240
99+92 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	26'x6'	Water Tower
102+17	POE @ Beginning of Conc Curb & Gutter on Lt, "Pavt for Butt Joints, Rem"	28'x20'	

ALLEGAN COUNTY ROAD COMMISSION

LOG OF PROJECT

FOR

2. LH 400162 – FILLMORE TOWNSHIP – 52nd Street, 141st Avenue to M-40 – 0.64 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, 4EL 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.

HMA Widths:

<u>Station</u>	<u>HMA Width</u>	<u>Shoulder Width</u>
POB to POE	22'	5' Rt & Lt

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	Centerline of 141st Ave (Reference)		
0+20	POB, "Pavt for Butt Joints, Rem"	28'x35'	
1+50 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	26'x6'	#5207 141st
5+04 Lt	Gravel Drive, "Shoulder & Approach, CI II, LM"		#4118
8+93 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	34'x6'	#4136
20+22 Lt	Gravel Drive, "Shoulder & Approach, CI II, LM"		#4178
26+33 Rt & Lt	Int. of 142nd Ave, "Pavt for Butt Joints, Rem"	38'x15', 50'x15'	
26+33	"Monument Box, Adj"		
28+02 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	24'x6'	#4204
30+40 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	45'x6'	Twp Hall
31+04 Lt	Concrete Drive, "Pavement Rem, Mod"	20'x7'	#4212
32+15 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	24'x6'	#4212
32+61 Rt	Gravel Drive w/ HMA Approach, Cover		#4216
33+90	POE, "Pavt for Butt Joints, Rem"	22'x35'	
34+15 Rt	Conc Curb & Gutter Begins (Reference)		

ALLEGAN COUNTY ROAD COMMISSION

LOG OF PROJECT

FOR

3. LH 400154 – LAKETOWN TOWNSHIP – 62nd Street, 136th Avenue North to End – 2.59 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, 4EL 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.

HMA Widths:

<u>Station</u>	<u>HMA Width</u>	<u>Shoulder Width</u>
POB to POE	24'	4' Rt & Lt

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	Monument Box @ 136th Ave (reference)		
0+50	POB, "Pavt for Butt Joints, Rem"	28'x35'	
7+50 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	24'x6'	#3644
11+19 Rt	Concrete Drive, "Pavement Rem, Mod"	18'x6'	#3641
12+18 Rt	Concrete Drive, "Pavement Rem, Mod"	18'x6'	#3645
16+04 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	28'x6'	Shangrai La Dr (Pvt)
22+05	South Side of Blue Star Hwy, "Pavt for Butt Joints, Rem"	64'x15'	
22+37	Centerline of Blue Star Hwy (reference)		
22+68	North Side of Blue Star Hwy, "Pavt for Butt Joints, Rem"	64'x15'	
25+62 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	30'x6'	PVT Trucking
26+51 Lt	"Monument Box, Adj"		
27+07 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	20'x6'	#3701
31+96 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	28'x6'	#3703
37+83 Rt	Millings Drive (ACRC will add material after paving)		#3707
52+81 Rt & Lt	Int. of 138th Ave, "Pavt for Butt Joints, Rem"	36'x15', 36'x15'	
52+81	"Monument Box, Adj"		
58+35 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	12'x6'	
58+40 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3817
65+40 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	14'x6'	#3855
67+79 Lt	Concrete Drive, "Pavement Rem, Mod"	22'x6'	#3854

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
70+46 Lt	Concrete Drive, "Pavement Rem, Mod"	20'x6'	#3868
71+65 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	26'x6'	#3869
76+67 Rt	Concrete Drive, "Pavement Rem, Mod"	18'x10'	#3889
79+06 Lt	Int. of 139th Ave, "Pavt for Butt Joints, Rem"	34'x12'	
79+06	"Monument Box, Adj"		
81+27 Rt	Concrete Drive, "Pavement Rem, Mod"	18'x10'	#3909
90+46 Lt	Millings Drive (ACRC will add material after paving)		#3948
95+37 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	28'x6'	#3955
96+93 Rt	Millings Drive (ACRC will add material after paving)		#3963
100+14 Lt	Concrete Drive, "Pavement Rem, Mod"	22'x10'	#3981
105+10	South Side of 140th Ave, "Pavt for Butt Joints, Rem"	30'x15'	
105+47	Monument Box @ 140th Ave (reference)		
105+71	North Side of 140th Ave, "Pavt for Butt Joints, Rem"	30'x15'	
114+11 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	22'x6'	#4033
115+79 Lt	HMA Drive, Feather Joint	Feather	
118+36 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	22'x6'	#4045
122+46 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	14'x6'	#4061
132+64 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	22'x6'	#4104
135+84	Begin 60' Dia Cul-de sac	600 syd	
136+99	POE, End Cul-de-sac		

ALLEGAN COUNTY ROAD COMMISSION

LOG OF PROJECT

FOR

4. LH 400155 – LAKETOWN TOWNSHIP – 63rd Street, Blue Star Highway to 138th Avenue
– 0.78 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, 4EL 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.

HMA Widths:

<u>Station</u>	<u>HMA Width</u>	<u>Shoulder Width</u>
POB to POE	24'	4' Rt & Lt

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	Centerline of Blue Star Hwy (reference)		
0+40	POB, "Pavt for Butt Joints, Rem"	32'x35'	
3+39 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3656
4+65 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	12'x6'	#3657
5+44 Lt	HMA Drive, Feather Joint	Feather	#3656
6+27 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3666
9+69 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	24'x6'	#3677
13+83 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	32'x6'	#3693
15+73	"Monument Box, Adj"		
20+46 Lt	HMA Drive, Feather Joint	Feather	#3710
21+35 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3717
23+27 Rt	Millings Drive (ACRC will add material after paving)		#3735
24+02 Rt	Concrete Drive, "Pavement Rem, Mod"	16'x6'	#3735
24+09 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3730
25+24 Rt	Concrete Drive, "Pavement Rem, Mod"	18'x6'	#3735
26+09 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	20'x6'	#3743
27+99 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3748
41+75	POE, "Pavt for Butt Joints, Rem"	26'x35'	
42+21	Centerline of 138th Ave (reference)		

ALLEGAN COUNTY ROAD COMMISSION

LOG OF PROJECT

FOR

5. LH 400156 – LAKETOWN TOWNSHIP – Valleywood Court, Scenic Shores Drive & Sailview Drive, South of 147th Avenue – 0.54 miles

SCOPE OF THE WORK

The work will consist of the removal and/or replacement of concrete curb and gutter in the locations detailed in the log below. Then preparing the existing HMA surface including Cold Milling HMA Surface at an average depth of 1.5” below the edge of metal along the concrete curb. Then place an HMA, 5EL surface course at an average yield of 190 lb/syd. Adjustment of Drainage Structures will also be performed where necessary in the locations listed in the log below.

HMA Widths:

<u>Station</u>	<u>HMA Width</u>	<u>Shoulder Width</u>
POB to POE	26'	N/A

Miscellaneous Items of Work Quantity

Sailview Drive

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	POB, Begin 66' Dia Cul-de-sac @ S End of Sailview Dr	460 syd	
0+00	Begin "Cold Milling HMA Surface", Begin Concrete Curb & Gutter		
0+40 Lt	"Dr Structure Cover, Adj, Case 1, Mod"		
0+80	End Cul-de-sac, Begin 26' Wide Rd		
4+27 Lt	"Dr Structure Cover, Adj, Case 1, Mod"		
4+27 Rt	"Dr Structure Cover, Adj, Case 1, Mod"		
5+85 Rt	"Dr Structure Cover, Adj, Case 1, Mod"		
5+89 Rt	"Dr Structure Cover, Adj, Case 1, Mod"		
8+40 Lt	"Dr Structure Cover, Adj, Case 1, Mod"		
8+45 Rt	Int. of Scenic Shores Dr, Match New HMA		
8+52 Rt	"Dr Structure Cover, Adj, Case 1, Mod"		
9+71 Lt	"Dr Structure Cover, Adj, Case 1, Mod"		
10+95 Lt	"Dr Structure Cover, Adj, Case 1, Mod"		
12+35 Rt	"Dr Structure Cover, Adj, Case 1, Mod"		
12+70 Rt & Lt	"Curb and Gutter, Conc, Det D2"	15 Ft (Ea Side)	
13+38 Rt	"Dr Structure Cover, Adj, Case 1, Mod"		
13+45 Lt	"Dr Structure Cover, Adj, Case 1, Mod"		

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
14+45 Lt	"Pavement Rem, Mod" (HMA)	50'x3'	
14+45 Lt	"Curb and Gutter, Conc, Det D2"	50' Ft	
15+25	POE, End "Cold Milling HMA Surface"		
15+40	Centerline of 147th Ave (Reference)		

Valleywood Ct & Scenic Shores Dr

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	POB, Begin 60' Dia Cul-de-sac @ W End of Valleywood Ct	420 syd	
0+00	Begin Concrete Curb & Gutter, Begin "Cold Milling HMA Surface"		
0+39	"Dr Structure Cover, Adj, Case 1, Mod"		
0+80	End Cul-de-sac, Begin 26' Wide Rd		
2+20 Lt	"Dr Structure Cover, Adj, Case 1, Mod"		
3+95 Lt	Concrete Drive (Reference)		#4671
4+40	Begin Scenic Shores Dr		
4+95 Lt	HMA Drive (Reference)		#6654
5+15 Rt	"Dr Structure Cover, Adj, Case 1, Mod"		
6+07 Lt	"Dr Structure Cover, Adj, Case 1, Mod"		
6+10 Rt	"Dr Structure Cover, Adj, Case 1, Mod"		
7+39 Rt	"Dr Structure Cover, Adj, Case 1, Mod"		
7+53 Lt	"Dr Structure Cover, Adj, Case 1, Mod"		
9+53 Lt	"Dr Structure Cover, Adj, Case 1, Mod"		
9+59 Rt	"Dr Structure Cover, Adj, Case 1, Mod"		
10+18 Lt	"Curb and Gutter, Rem"	15 Ft	
10+18 Lt	"Curb and Gutter, Conc, Det D2"	15 Ft	
10+44 Lt	"Dr Structure Cover, Adj, Case 1, Mod"		
10+56 Rt	"Dr Structure Cover, Adj, Case 1, Mod"		
11+64 Lt	"Dr Structure Cover, Adj, Case 1, Mod"		
11+78 Rt	"Dr Structure Cover, Adj, Case 1, Mod"		
13+19	POE, East Edge of Sailview Dr, Match New HMA		

ALLEGAN COUNTY ROAD COMMISSION

LOG OF PROJECT

FOR

6. LH 400164 – MANLIUS TOWNSHIP – 133^d Avenue, 50th Street to 48th Street – 1.02 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, 4EL 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.

HMA Widths:

<u>Station</u>	<u>HMA Width</u>	<u>Shoulder Width</u>
POB to POE	26'	1'-2' Rt & Lt

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	POB, "Pavt for Butt Joints, Rem"	28'x35'	
0+34 Rt	Int. of 50th St (south), Cover Existing Approach	38'x50' Pave	
0+34	"Monument Box, Adj"		
18+21 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#4937
18+64 Rt	Int. of Oakridge Dr (Pvt), "Pavt for Butt Joints, Rem"	80'x6'	
19+08 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#4937
23+20 Rt	Millings Drive (ACRC will add material after paving)		#4920
24+45 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	170'x6'	Ponderosa Garden
28+48 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	34'x6'	#4891
37+72 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	16'x6'	#4860
39+38 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	20'x6'	Castleview Ct (Pvt)
41+36 Rt	Begin 12' Widening Approach		
43+06 Rt	Int. of Heritage South (Pvt), "Pavt for Butt Joints, Rem"	46'x6'	
44+40 Rt	End 12' Widening Approach		
51+29 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	14'x6'	#4812
53+01 Rt	Int. of 48th St, "Pavt for Butt Joints, Rem"	36'x15'	
53+01	"Monument Box, Adj"		
53+02	"Monument Box, Adj"		
53+75	POE, "Pavt for Butt Joints, Rem"	28'x35'	

ALLEGAN COUNTY ROAD COMMISSION

LOG OF PROJECT

FOR

7. LH 400165 – MANLIUS TOWNSHIP – Old Allegan Road, 58th Street to New Richmond Bridge Park – 0.36 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, 4EL 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.

HMA Widths:

<u>Station</u>	<u>HMA Width</u>	<u>Shoulder Width</u>
POB to POE	22'	2'-3' Rt & Lt

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	Centerline of 58th St (Reference)		
0+35	POB, "Pavt for Butt Joints, Rem"	28'x20'	
9+62 Lt	Gravel Drive (Reference)		#5771
13+26 Rt	Gravel Drive (Reference)		#5760
18+78 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	40'x6'	Parking Lot
19+47	POE, End of Public Road, "Pavt for Butt Joints, Rem"	22'x20'	

ALLEGAN COUNTY ROAD COMMISSION

LOG OF PROJECT

FOR

8. LH 400148 – MANLIUS & SAUGATUCK TOWNSHIPS – 60th Street, 0.37 miles South of Old Allegan Road to 136th Avenue – 2.42 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, 4EL 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.

HMA Widths:

<u>Station</u>	<u>HMA Width</u>	<u>Shoulder Width</u>
POB to 19+70	24'	2'-3'
20+52 to POE	28'	2'
*Valley Gutter Section	15' Lane	2'

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	POB, Begin 60' Dia Cul-de-sac S of Old Allegan Rd	400 syd	
0+75	End Cul-de-sac, Begin Paving 24' Wide Rd		
3+71 Rt	Concrete Drive, "Pavement Rem, Mod"	30'x6'	#3135
4+72 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	30'x6'	River Ridge Dr (Pvt)
6+33 Rt	Concrete Drive w/ Gravel Approach, Prep & Pave	22"x12' Pave	#3149
6+78 Rt	Millings Drive (ACRC will add material after paving)		#3149
9+51 Rt	Millings Drive (ACRC will add material after paving)		#3165
10+38 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	30'x6'	Pottawatomie Ridge Dr (Pvt)
10+46 Rt	Concrete Drive, "Pavement Rem, Mod"	24'x6'	#3167
11+94 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	20'x6' Pave All	#3169
13+92 Rt	Concrete Drive, "Pavement Rem, Mod"	20'x7'	#3179
14+57 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	14'x6'	#3174
17+21 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	16'x6'	#3188
18+34 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	15'x6' Pave All	#3188
18+85	"Monument Box, Adj"		
19+70	South Side of Old Allegan Rd, "Pavt for Butt Joints, Rem"	45'x6'	
20+52	North Side of Old Allegan Rd, "Pavt for Butt Joints, Rem"	52'x6'	
20+52	Begin Paving 28' Wide Rd		
29+67 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	22'x6'	#3243
38+01 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	26'x6'	#3263
42+60 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	30'x6'	Pine Ridge Tr (Pvt)
45+48	"Monument Box, Adj"		
45+53 Lt	Int. of 133rd Ave, "Pavt for Butt Joints, Rem"	65'x6'	

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
46+72	"Monument Box, Adj"		
46+73	"Monument Box, Adj"		
51+85 Lt	Millings Drive (ACRC will add material after paving)		#3332
52+00 Rt	Begin Taper to 15' Lane		
52+41 Rt	Begin HMA Valley Gutter		
52+41 Rt	Millings Drive (ACRC will add material after paving)		#3323
52+84 Lt	Millings Drive (ACRC will add material after paving)		#3334
55+30 Rt	End HMA Valley Gutter		
55+62 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	40'x6'	#3345
56+56 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	30'x6'	#3345
58+97 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3354
62+62 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3360
69+86 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	Feather	#3390
70+59 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3387
73+40 Rt	Int. of 134th Ave, Cover Existing Approach	170 syd	
73+40	"Monument Box, Adj"		
76+43 Rt	Millings Drive (ACRC will add material after paving)		#3425
85+60 Rt	Millings Drive (ACRC will add material after paving)		#3445
90+35 Rt	Concrete Drive, "Pavement Rem, Mod"	34'x6'	#3471
93+01 Rt	Concrete Drive, "Pavement Rem, Mod"	40'x6'	#3483
95+51 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	24'x6'	Hidden Creek Tr (Pvt)
98+47	"Monument Box, Adj"		
99+77	"Monument Box, Adj"		
100+05 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	30'x6'	#3500
101+49 Lt	Millings Drive (ACRC will add material after paving)		#3516
104+30 Rt	Concrete Drive, "Pavement Rem, Mod"	20'x6'	#3531
108+01 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	32'x6'	Bluebird Ln (Pvt)
111+02 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	22'x6'	#3552
112+02 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3552
115+24 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	24'x6'	#3567
117+29 Lt	Gravel Drive w/ HMA Approach, Cover	40'x15' Pave	Sandy Meadow (Pvt)
120+76 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	24'x6'	
127+64	POE, "Pavt for Butt Joints, Rem"	28'x35'	
127+92	Monument Box @ 136th Ave (reference)		

ALLEGAN COUNTY ROAD COMMISSION

LOG OF PROJECT

FOR

9. LH 400177 – SAUGATUCK TOWNSHIP – Newport Drive & Harbor Road, North of Riverside Road, and Arrowhead Drive & Riverside Road, East of 62nd Street – 0.58 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surfaces. Then place an HMA, 5EL surface course at an average yield of 190 lb/syd. Topsoil shoulders and restoration will then be placed on Newport Dr and Harbor Rd and gravel shoulders and approaches will be placed on Arrowhead Dr and Riverside Rd.

HMA Widths:

<u>Station</u>	<u>HMA Width</u>	<u>Shoulder Width</u>
Newport Dr & Harbor Rd		
POB to POE	20'	1' Topsoil
Arrowhead Dr		
POB to POE	20'	1'-2' Gravel
Riverside Rd		
POB to POE	24'	1'-2' Gravel

Miscellaneous Items of Work Quantity

Harbor Rd

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	POB, Begin 65' Dia Cul-de-sac @ N end of Harbor Rd	570 syd	
0+37 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3035
0+87 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3035
1+00	End Cul-de-sac, Begin 20' Wide Rd		
2+06 Lt	Concrete Drive, "Pavement Rem, Mod"	24'x6'	#3031
2+19 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3034
3+10 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x4'	#3029
4+24 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	12'x6'	#3028
5+09 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3025
6+20 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3025
7+05 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3023
7+24 Rt	Int. of Newport Rd, Match New HMA		
7+86	Begin 60' Dia Cul-de-sac	460 syd	
8+41 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	32'x6'	#3019
8+73	POE, End Cul-de-sac		

Newport Dr

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	POB, West Edge of Harbor Rd, Match New HMA		
0+58 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	16'x6'	
1+55 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3019
2+64 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3016
3+47 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	14'x6'	#3014
3+69 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	16'x6'	#3013
6+06 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#3004
6+37 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	16'x6'	#3005
7+65 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	20'x6'	#3001
8+62	POE, N Edge of 130th, "Pavt for Butt Joints, Rem"	34'x18'	

Arrowhead Dr

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	POB, Beginning of Public Rd @ NW End of Arrowhead Dr, "Pavt for Butt Joints, Rem"	24'x18'	
6+65	POE, North Edge of Riverside Dr, Match New HMA		

Riverside Rd

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	POB, Begin Paved Rd at SE End of Riverside Rd		
1+10 Rt	Int. of Arrowhead Dr, Match New HMA		
6+54	POE, East Edge of 62nd St, "Pavt for Butt Joints, Rem"	70'x18'	

ALLEGAN COUNTY ROAD COMMISSION

LOG OF PROJECT

FOR

10. PH 300041 – SAUGATUCK TOWNSHIP – Old Allegan Road, Blue Star Highway to 58th Street
– 4.14 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface including Cold Milling HMA Surface as defined below at an average depth of 2". Then place an HMA, 4EL 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.

HMA Widths:

<u>Station</u>	<u>HMA Width</u>	<u>Shoulder Width</u>
POB to 14+34	28'	1' Rt & Lt
14+34 to 17+82	38'	0' Rt & Lt
17+82 to 92+31	28'	1' Rt & Lt
92+31 to 170+25	30'	1' Rt & Lt
170+25 to 191+16	28'	1' Rt & Lt
191+16 to POE	30'	1' Rt & Lt

Cold Milling: Station 5+00 (POB) to 223+55 (POE)

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
0+00	Centerline of Blue Star Hwy (reference)		
5+00	POB, Begin "Cold Milling HMA Surface"		
10+78	26' Wide Rd (Existing) (Pave 28' Wide)		
14+34 Rt & Lt	Begin Taper to 38' Wide Rd		
14+48 Rt & Lt	Begin Guardrail		
17+56 Rt & Lt	Begin Taper to 28' Wide Rd		
17+82	Resume Paving 28' Wide Rd		
17+91 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#6506
18+90 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	24'x6'	#6504
20+05	26' Wide Rd (Existing) (Pave 28' Wide)		
23+40 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	24'x6'	#6479
23+77 Rt	Millings Drive (ACRC will add material after paving)		#6490
24+57 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#6482
26+45 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	20'x6'	#6476
27+90 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	16'x6'	#6471
32+71 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	32'x8'	Jack Wilson Dr (Pvt)
33+29 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	22'x6'	#6448
36+88 Rt	Millings Drive (ACRC will add material after paving)		#6430

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
37+85 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	22'x6'	#6431
39+46 Lt	Concrete Drive, "Pavement Rem, Mod"	20'x8'	#6427
39+97 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	28'x6'	Fox Ridge Ct (Pvt)
41+93 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	Feather	#6423
43+38 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	20'x6'	#6421
49+93	26' Wide Rd (Existing) (Pave 28' Wide)		
52+39 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	20'x6'	#6388
52+43	"Valve Box, Adj"		
53+47 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#6394
55+30 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	20'x6'	#6353
57+50 Rt	Gravel Drive w/ HMA Approach, Cover		
58+95 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	38'x6'	Lake Ridge Dr (Pvt)
59+52 Rt	Gravel Drive w/ HMA Approach, Cover		
60+00	26' Wide Rd (Existing) (Pave 28' Wide)		
60+06 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	40'x6'	Lake Trail Dr (Pvt)
61+94 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#6366
62+79 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	16'x6'	#6366
63+52 Rt	Millings Drive (ACRC will add material after paving)		#6360
63+99 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#6356
66+06 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	16'x6'	#6354
67+17 Rt	Gravel Drive w/ HMA Approach, Cover		Lawrence Dr (Pvt)
69+51 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	26'x6'	#6337
70+82 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	16'x6'	#6324
72+36 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	22'x6'	#6327
73+77	"Monument Box, Adj"		
73+83 Lt	Int. of 63rd St, "Pavt for Butt Joints, Rem"	80'x8'	
74+20 Lt	"Monument Box, Adj"		
74+25 Lt	"Monument Box, Adj"		
74+36 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	16'x6'	#6316
75+95 Rt	Int. of Lorrimar Ln, "Pavt for Butt Joints, Rem"	65'x8'	
79+19 Rt	<i>Begin HMA Valley Gutter (14' Lane)</i>		
79+19	27' Wide Rd (Existing)(Pave 28' Wide)		
80+12 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	40'x6'	Eagle Ridge Dr (Pvt)
81+83 Rt	HMA Drive, Mill off VG and Match		#6298
82+79 Rt	HMA Drive, Mill off VG and Match		#6298
83+25 Rt	HMA Drive, Mill off VG and Match		Timberidge Tr (Pvt)
83+32 Lt	<i>Begin HMA Valley Gutter (14' Lane), Prep & Cover Existing Spillway</i>		
86+50 Lt	HMA Drive, Mill off VG and Match		Coppice Ct (Pvt)
87+80 Rt	HMA Drive, Mill off VG and Match		#6264
89+71 Lt	<i>End HMA Valley Gutter, Prep & Pave Existing Spillway</i>		
89+77 Rt	HMA Drive, Mill off VG and Match		#6258
91+19 Rt	HMA Drive, Mill off VG and Match		#6258
91+85 Lt	Int. of Gleason Rd, "Pavt for Butt Joints, Rem"	55'x15'	

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
92+31	Begin 30' Wide Rd (Existing) (Thru Curve)		
92+31 Lt	<i>Begin HMA Valley Gutter, Prep & Pave Existing Spillway</i>		
92+31 Lt	"Dr Structure Cover, Adj, Case 1, Mod"		
95+50 Lt	<i>End HMA Valley Gutter</i>		
97+95 Rt	<i>End HMA Valley Gutter, Prep & Pave Existing Spillway</i>		
97+95	28' Wide Rd (Existing) (Pave 30' Wide)		
102+83	Begin 30' Wide Rd (Existing) (Thru Curve)		
104+70 Rt	<i>Begin HMA Valley Gutter, Prep & Pave New Spillway</i>		
107+00 Lt	<i>Begin HMA Valley Gutter, Prep & Pave Existing Spillway</i>		
107+50 Rt	Int. of 62nd St (south), "Pavt for Butt Joints, Rem"	80'x8'	
107+75	28' Wide Rd (Existing) (Pave 30' Wide)		
113+75 Rt & Lt	<i>End HMA Valley Gutter</i>		
116+73 Rt & Lt	<i>Begin HMA Valley Gutter</i>		
117+02 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#6181
118+77 Rt & Lt	<i>End HMA Valley Gutter, Prep & Pave Existing Spillways</i>		
119+49 Lt	Concrete Drive, "Pavement Rem, Mod"	18'x10'	#6143
120+47 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x10'	#6156
123+40 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#6136
124+48 Lt	Int. of 133rd Ave (east), "Pavt for Butt Joints, Rem"	80'x6'	
126+98 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	16'x6'	#6122
129+54 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	16'x14'	#6107
134+05 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	14'x12'	#6095
134+11 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	18'x6'	#6096
134+63	Begin 30' Wide Rd (Existing) (Thru Curve)		
138+31	Begin 28' Wide Rd (Existing) (Pave 30' Wide)		
142+70 Rt	<i>Begin HMA Valley Gutter, Prep & Pave New Spillway</i>		
146+85 Rt	<i>End HMA Valley Gutter, Prep & Pave New Spillway</i>		
146+98 Lt	Millings Drive (ACRC will add material after paving)		#6063
151+18 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	12'x6'	#6051
151+47 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	12'x6'	#6051
155+78 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	14'x6'	#6038
158+06 Rt	Concrete Drive, "Pavement Rem, Mod"	18'x6'	#6036
158+30	Begin 30' Wide Rd (Existing) (Thru Curve)		
163+41	Begin 28' Wide Rd (Existing) (Pave 30' Wide)		
169+82 Rt & Lt	Int. of 60th St, Match New HMA		
169+82	"Monument Box, Adj"		
170+25	Begin 26' Wide Rd (Existing) (Pave 28' Wide)		
177+25 Lt	Millings Drive (ACRC will add material after paving)		#5965
180+54 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	16'x6'	#5955
182+42 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	14'x6'	#5953
191+16 Rt & Lt	<i>Begin HMA Valley Gutter, Begin 30' Wide Rd (Existing)</i>		

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	<u>House #</u>
194+04 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	80'x6'	#5900
197+13 Rt & Lt	Prep and Cover Existing Spillways		
198+71 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	16'x14'	#5895
200+60 Lt	Millings Drive (ACRC will add material after paving)		#5893
202+90 Rt & Lt	<i>End HMA Valley Gutter</i>		
203+22 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	50'x3'	Arbor Ln (Pvt)
223+55	POE, End "Cold Milling HMA Surface"		
223+87	Monument Box @ 58th St (reference)		

ALLEGAN COUNTY "AREA 1" HOT MIX ASPHALT PAVING

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before **July 15, 2023.**

The Allegan County Road Commission will be replacing cross culverts on this project prior to paving. Confirm culvert replacements are complete prior to scheduling paving.

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.

1. LH 400161 – FILLMORE TOWNSHIP – 143rd Avenue, 56th Street to M-40 – 1.92 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 4EL	3,250 Ton		
Monument Box, Adj	3 Ea		
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	102 Sta		
Pavt for Butt Joints, Rem	1,150 Syd		
Pavement Rem, Mod	60 Syd		
Shoulder Prep	1 LS		
Mailbox Post, Mod	5 Ea		
Shoulder & Approach, CI II, LM	1,100 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	6,900 Ft		

TOTAL LH 400161: \$ _____

2. LH 400162 – FILLMORE TOWNSHIP – 52nd Street, 141st Avenue to M-40 – 0.64 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 4EL	1,025 Ton		
Monument Box, Adj	1 Ea		
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	34 Sta		
Pavt for Butt Joints, Rem	450 Syd		
Pavement Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Mailbox Post, Mod	5 Ea		
Shoulder & Approach, CI II, LM	350 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	900 Ft		

TOTAL LH 400162: \$ _____

3. LH 400154 – LAKETOWN TOWNSHIP – 62nd Street, 136th Avenue North to End – 2.59 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 4EL	4,400 Ton		
Monument Box, Adj	3 Ea		
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	136 Sta		
Pavt for Butt Joints, Rem	850 Syd		
Pavement Rem, Mod	150 Syd		
Shoulder Prep	1 LS		
Mailbox Post, Mod	5 Ea		
Shoulder & Approach, CI II, LM	1,200 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	5,500 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	27,100 Ft		

TOTAL LH 400154: \$ _____

4. LH 400155 – LAKETOWN TOWNSHIP – 63rd Street, Blue Star Highway to 138th Avenue – 0.78 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 4EL	1,350 Ton		
Monument Box, Adj	1 Ea		
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	42 Sta		
Pavt for Butt Joints, Rem	400 Syd		
Pavement Rem, Mod	30 Syd		
Shoulder Prep	1 LS		
Mailbox Post, Mod	5 Ea		
Shoulder & Approach, CI II, LM	350 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	4,900 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	8,300 Ft		

TOTAL LH 400155: \$ _____

5. LH 400156 – LAKETOWN TOWNSHIP – Valleywood Court, Scenic Shores Drive & Sailview Drive, South of 147th Avenue – 0.54 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
Cold Milling HMA Surface	8,700 Syd		
HMA, 5EL	900 Ton		
Pavement Rem, Mod	20 Syd		
Dr Structure Cover, Adj, Case 1, Mod	25 Ea		
Curb and Gutter, Rem	20 Ft		
Curb and Gutter, Conc, Det D2	100 Ft		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL LH 400156: \$ _____

6. LH 400164 – MANLIUS TOWNSHIP – 133rd Avenue, 50th Street to 48th Street – 1.02 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 4EL	2,000 Ton		
Monument Box, Adj	3 Ea		
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	54 Sta		
Pavt for Butt Joints, Rem	600 Syd		
Pavement Rem, Mod	5 Syd		
Shoulder Prep	1 LS		
Mailbox Post, Mod	5 Ea		
Shoulder & Approach, CI II, LM	300 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	4,500 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	10,800 Ft		

TOTAL LH 400164: \$ _____

7. LH 400165 – MANLIUS TOWNSHIP – Old Allegan Road, 58th Street to New Richmond Bridge Park – 0.36 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 4EL	575 Ton		
Monument Box, Adj	1 Ea		
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	20 Sta		
Pavt for Butt Joints, Rem	150 Syd		
Pavement Rem, Mod	5 Syd		
Shoulder Prep	1 LS		
Mailbox Post, Mod	1 Ea		
Shoulder & Approach, CI II, LM	140 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	2,950 Ft		

TOTAL LH 400165: \$ _____

8. LH 400148 – MANLIUS & SAUGATUCK TOWNSHIPS – 60th Street, 0.37 miles South of Old Allegan Road to 136th Avenue – 2.42 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 4EL	4,700 Ton		
Monument Box, Adj	7 Ea		
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	127 Sta		
Pavt for Butt Joints, Rem	600 Syd		
Pavement Rem, Mod	130 Syd		
Shoulder Prep	1 LS		
Mailbox Post, Mod	10 Ea		
Shoulder & Approach, CI II, LM	800 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	7,200 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	25,300 Ft		

TOTAL LH 400148: \$ _____

9. LH 400177 – SAUGATUCK TOWNSHIP – Newport Drive & Harbor Road, North of Riverside Road, and Arrowhead Drive & Riverside Road, East of 62nd Street – 0.58 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 5EL	850 Ton		
Pavt for Butt Joints, Rem	500 Syd		
Pavement Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, CI II, LM	50 Cyd		
Mailbox Post, Mod	5 Ea		
Topsoil Shoulder, LM	35 Cyd		
Restoration	360 Syd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL LH 400177: \$ _____

10. PH 300041 – SAUGATUCK TOWNSHIP – Old Allegan Road, Blue Star Highway to 58th Street – 4.14 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
Cold Milling HMA Surface	67,500 Syd		
HMA 4E1, Mod	8,700 Ton		
Monument Box, Adj	4 Ea		
Dr Structure Cover, Adj, Case 1, Mod	1 Ea		
Valve Box, Adj	1 Ea		
Pavt Mrkg, Type NR, Tape, 4-inch, Yellow, Temp	219 Sta		
Pavt for Butt Joints, Rem	1,000 Syd		
Pavement Rem, Mod	60 Syd		
Shoulder Prep	1 LS		
Mailbox Post, Mod	20 Ea		
Shoulder & Approach, CI II, LM	1,200 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	30,500 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	43,800 Ft		

TOTAL PH 300041: \$ _____

