Do Not Separate

PROPOSAL AND SPECIFICATIONS

FOR

or Remove Sheets From This Proposal COUNTY LOCAL HOT MIX ASPHALT PAVING

MARCH 24, 2021

- 1. LH 400040 CASCO TOWNSHIP 107th Avenue, 62nd Street to 60th Street 1.00 mile
- 2. LH 400043 DORR TOWNSHIP Sunset Drive, Saturn Drive, & Mercury Court, west of 18th Street - 0.63 miles
- 3. LH 400044 DORR TOWNSHIP Ranchero Drive, Litchfield Drive, Litchfield Place, Selly Oak Drive, Radstock Drive, & Irene Drive, south of 142nd Avenue – 1.68 miles
- 4. LH 400045 DORR TOWNSHIP Chappel Street, Hickory View Court, & Hillcrest Drive, south of 144th Avenue – 0.66 miles
- 5. LH 400062 DORR/HOPKINS TOWNSHIP 136th Avenue, 18th Street west to Pavement End 0.72 miles
- 6. LH 400056 FILLMORE TOWNSHIP 140th Avenue, 60th Street to 56th Street 2.07 miles
- 7. LH 400047 GANGES TOWNSHIP 120th Avenue, 66th Street to 64th Street 0.99 miles
- 8. LH 400048 GANGES TOWNSHIP 64th Street 113th Avenue to 116th Avenue 1.49 miles
- 9. LH 400030 HEATH TOWNSHIP 42nd Street, 132nd Avenue to 134th Avenue 0.99 miles
- 10. LH 400031 HEATH TOWNSHIP 132nd Avenue, 42nd Street to 41st Street 0.52 miles
- 11. LH 400032 HEATH TOWNSHIP Jennifer Lane & Sara Lane, North of 131st Avenue 0.71 miles
- 12. LH 400041 LAKETOWN TOWNSHIP 142nd Avenue, 60th Street to Cul-de-sac 0.81 miles
- 13. LH 400042 LAKETOWN TOWNSHIP 141st Avenue, 60th Street to 61st Street, & 61st Street, 141st Avenue to 142nd Avenue – 1.01 miles
- 14. LH 400052 LEE TOWNSHIP 103rd Avenue, 52rd Street to 50th Street 0.89 miles

- 15. <u>LH 400058 MANLIUS TOWNSHIP</u> 56th Street, Fennville City Limits to 128th Avenue 1.49 miles
- 16. LH 400059 MANLIUS TOWNSHIP 126th Avenue, 58th Street to 56th Street 0.99 miles
- 17. <u>LH 400060 MANLIUS TOWNSHIP</u> 128th Avenue, 56th Street, 130th Avenue, & 57th Street, 56th Street to 130th Avenue 1.49 miles
- 18. LH 400061 MANLIUS TOWNSHIP 56th Street, 130th Avenue to Railroad Tracks 0.35 miles
- 19. LH 400053 MARTIN TOWNSHIP 120th Avenue, 8th Street to 6th Street 1.02 miles
- 20. LH 400054 MARTIN TOWNSHIP 6th Street, 119th Avenue to 120th Avenue 0.27 miles
- 21. LH 400023 MONTEREY TOWNSHIP 132nd Avenue, 32nd Street to 30th Street 1.02 miles
- 22. LH 400024 MONTEREY TOWNSHIP 34th Street, 130th Avenue to 132nd Avenue 1.01 miles
- 23. <u>LH 4013 OTSEGO TOWNSHIP</u> 110th Avenue, 15th Street to the Township Line, & 15th Street, 110th Avenue to 111th Avenue 2.02 miles
- 24. <u>LH 400038 OTSEGO TOWNSHIP</u> Zak Road, Alivia Drive, & Mia Street south of 103rd Avenue 0.73 miles
- <u>LH 400039 OTSEGO TOWNSHIP</u> Kay Street, Howard Street, Ridge Street, & Ruby Street 0.61 miles
- 26. LH 400025 OVERISEL TOWNSHIP 144th Avenue, 46th Street to 42nd Street 2.00 miles
- 27. LH 400026 OVERISEL TOWNSHIP 146th Avenue, 48th Street to 46th Street 1.05 miles
- 28. LH 400027 OVERISEL TOWNSHIP 40th Street, 144th Avenue to 146th Avenue 0.99 miles
- 29. LH 400035 SALEM TOWNSHIP Ottogan Street, 30th Street to 26th Street 2.00 miles
- 30. LH 400037 SALEM TOWNSHIP 144th Avenue, 36th Street to 32nd Street 2.04 miles
- 31. LH 400063 SALEM TOWNSHIP 140th Avenue, 26th Street to 24th Street 0.99 miles
- 32. <u>LH 400028 SAUGATUCK TOWNSHIP</u> 133rd Avenue, Old Allegan Road to 60th Street 0.64 miles
- 33. <u>LH 400029 SAUGATUCK TOWNSHIP</u> Elizabeth Street & Cemetery Road east of Holland Street – 0.24 miles
- 34. LH 400055 TROWBRIDGE TOWNSHIP 30th Street, 104th Avenue to 108th Avenue 1.98 miles
- 35. LH 400057 VALLEY TOWNSHIP 115th Avenue, 36th Street west to Pavement End 0.99 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., E.S.T., Wednesday, March 24, 2021, 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: LVSP & 4E1) in Casco, Dorr, Fillmore, Ganges, Heath, Hopkins, Laketown, Lee, Manlius, Martin, Monterey, Otsego, Overisel, Salem, Saugatuck, Trowbridge, and Valley Townships.

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

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

All bids <u>must</u> 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.

<u>BID DEPOSIT</u> 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 subcontractors 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 thirty-five (35) locations throughout the county. **The contractor may bid on all or any number of the townships. The projects will be awarded for each township, not by each individual project.** 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. 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.

<u>HMA</u>

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 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 <u>mix design in accordance with the MDOT "HMA Production Manual"</u>.
- 2. All mix designs must be approved by the Engineer.

<u>HMA, LVSP, MOD</u>

- 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 \pm 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 <u>mix design in accordance with the MDOT "HMA Production Manual"</u>.
- 4. All mix designs must be approved by the Engineer.

<u>HMA, 4E1, MOD</u>

- 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 \pm 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 <u>mix design in accordance with the MDOT "HMA Production Manual"</u>.
- 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,	Number of Rollers Required	
Square Yards per Hour	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.

PAY ITEM

PAY UNIT

HMA, LVSP, Mod		Ton
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, Cl 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.

PAY ITEM

<u>PAY UNIT</u>

Shoulder& Approach, Cl II, LM

Cubic Yard

APPROACH, HMA MILLINGS, LM

This item will include all labor, material and equipment to place and compact the material specified in the project log. Section 307 of the Standard Specifications for Construction will apply. Material must approximate 22A gradation or be approved by Engineer.

<u>METHOD OF PAYMENT FOR APPROACH, HMA MILLINGS, LM:</u> The item of "Approach, HMA Millings, 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.

PAY ITEM

PAY UNIT

Approach, HMA Millings, LM

Cubic Yard

PAVT 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 PAVT FOR BUTT JOINTS, REM

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

PAY ITEM

<u>PAY UNIT</u>

Pavt 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.

PAY ITEM

PAY UNIT

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.

PAY ITEM

<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.

PAY ITEM

<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 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 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.

PAY ITEM

PAY UNIT

Foot

Pavt Mrkg, Waterborne, 4-inch, Yellow

10

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 2012 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.

PAY ITEM

PAY UNIT

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.

PAY ITEM

PAY UNIT

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.

PAY ITEM

<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.

METHOD OF PAYMENT FOR TRAFFIC CONTROL DEVICES

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

PAY ITEM

<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.

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

PAY ITEM

<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.

<u>METHOD OF PAYMENT FOR PLASTIC DRUM, HIGH INTENSITY, LIGHTED, MOD:</u> The item of "Plastic Drum, High Intensity, Lighted, Mod" will be paid for by the individual unit.

PAY ITEM

PAY UNIT

Each

Plastic Drum, High Intensity, Lighted, Mod

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.

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

PAY ITEM

PAY UNIT

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.

PAY ITEM

PAY UNIT

Cubic Yard

Topsoil Shoulder, LM

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.

PAY ITEM

<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.

PAY ITEM

Manhole, Adj

PAY UNIT

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.

PAY ITEM

PAY UNIT

Trenching

Station

14

AGGREGATE BASE, CONDITIONING

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

METHOD OF PAYMENT FOR AGGREGATE BASE, CONDITIONING

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

PAY ITEM

<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 Surface Cse, 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.

PAY ITEM

<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 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.

PAY ITEM

PAY UNIT

Aggregate Surface Cse

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 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 included in this item.

METHOD OF PAYMENT FOR PAVEMENT FOR PAVT, REM, MOD

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

PAY ITEM

Pavt, Rem, Mod

Square Yard

PAY UNIT

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.

In subdivisions, this item also includes all labor, material, and equipment required to cold mill and dispose all the existing asphalt valley gutter and vegetation from both shoulders. In this case, cold milling all the 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.

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

<u>A. Responsibility for and Supervision of Construction</u>. 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. <u>Discipline and Employment</u>. 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. <u>Furnishing of Labor, Materials, etc</u>. 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. <u>Payment of Taxes; Procurement of Licenses and Permits</u>. 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. <u>Compliance with Laws and Regulations</u>. 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. <u>Responsibility for Negligence of Employees and Subcontractors</u>. 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. <u>Responsibility for Safety</u>. 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. <u>Responsibility of Subcontractors</u>. 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 <u>RESPONSIBILITIES OF THE CONTRACTOR</u>, 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. <u>Contractor's Insurance</u>. 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. <u>Minimum Limits of Liability</u>. 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. <u>Number of Policies</u>. 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. <u>Cancellation, Renewal or Modification</u>. 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 plan 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. <u>LH 400040 – CASCO TOWNSHIP</u> – 107th Avenue, 62nd Street to 60th Street – 1.00 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 October 29, 2021.

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. <u>LH 400040 – CASCO TOWNSHIP</u> – 107th Avenue, 62nd Street to 60th Street – 1.00 mile

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, LVSP, 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>	HMA Width	Shoulder Width
POB to POE	22'	4'-5' Rt & Lt

Miscellaneous Items of Work Quantity

Station	Description	Dimensions	House #
0+00	POB, just West of 62 nd St, "Pavt for Butt Joints, Rem"	(24'x18')	
1+07	"Monument Box, Adj"		
1+07 Rt & Lt	Int. of 62 nd St, "Pavt for Butt Joints, Rem"	(24'x18') x2	
2+66 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6196
3+83 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
14+31 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6148
17+99 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6142
26+09 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6108
27+20	"Monument Box, Adj"		
27+71 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6101
31+04 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6087
33+02 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6079
33+13 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6078
35+84 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6061
36+71 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
38+55 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6050
46+47 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
47+10 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
52+86	POE, "Pavt for Butt Joints, Rem"	(30'x18')	
53+38	Mon Box @ 60 th St (Reference)		

CASCO TOWNSHIP PROJECTS BID SCHEDULE:

1. <u>LH 400040 – CASCO TOWNSHIP</u> – 107 th Avenue, 62 nd Street to 60 th Street – 1.00 mile				
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL	
HMA, LVSP, Mod	1,900 Ton			
Monument Box, Adjust	2 Ea			
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	53 Sta			
Pavt for Butt Joints, Rem	250 Syd			
Pavement Rem, Mod	20 Syd			
Shoulder Prep	1 LS			
Shoulder & Approach, Cl II, LM	600 Cyd			
Approach, HMA Millings, LM	10 Cyd			
Flag Control	1 LS			
Traffic Control Devices	1 LS			
Pavt Mrkg, Waterborne, 4-inch, Yellow	4,700 Ft			

TOTAL OF BID – CASCO TOWNSHIP \$_____

SIGNED: _____ DATE: _____

 <u>LH 400043 – DORR TOWNSHIP</u> – Sunset Drive, Saturn Drive, & Mercury Court, west of 18th Street – 0.63 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 October 29, 2021.

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

<u>LH 400043 – DORR TOWNSHIP</u> – Sunset Drive, Saturn Drive, & Mercury Court, west of 18th Street – 0.63 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. Topsoil shoulders and restoration will then be placed from the POB to POE.

HMA Widths:

<u>Station</u>	HMA Width	Shoulder Width
POB to POE	30' w/ V.G.	1' Rt & Lt

Miscellaneous Items of Work Quantity

Sunset Drive

<u>Station</u>	<u>Description</u>	Dimensions	House #
0+00	POB, West end of Cul-de-sac on Sunset Dr		
0+00	Begin 76' Dia. Cul-de-sac, "Cold Milling HMA Surface" on Wings	(23' Rad. Wings)	
0+00	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	Pvt Drive
0+44 Lt	Concrete Drive		#1845
0+81 Rt	Concrete Drive		#1840
0+83	End Cul-de-sac		
0+83 Rt & Lt	Begin HMA Valley Gutter "Cold Milling HMA Surface"		
1+45 Lt	Concrete Drive		#1841
1+55 Rt	Catch Basin, "Pavt for Butt Joints, Rem"	(13'x9')	
1+77 Lt	Catch Basin, "Pavt for Butt Joints, Rem"	(13'x9')	
1+82 Rt	Concrete Drive w/ HMA Approach, "Pavt for Butt Joints, Rem"	(18'x6') Pave All	#1836
1+96 Rt	Catch Basin, "Pavt for Butt Joints, Rem"	(13'x9')	
2+55 Lt	Concrete Drive		#1837
3+07 Lt	Concrete Drive		#1833
3+19 Rt	Concrete Drive		#1832
4+01 Lt	Concrete Drive		#1829
4+22 Rt	Concrete Drive		#1828
4+63 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	
4+94 Lt	HMA Drive		#1825

<u>Station</u>	<u>Description</u>	Dimensions	<u>House #</u>
5+92 Rt	Concrete Drive		#1824
6+62 Lt	Concrete Sidewalk, Mill Valley Gutter		
6+90 Rt & Lt	Int. of Saturn Dr., Match New HMA		
7+76 Rt	Concrete Drive		#4311 Saturn Dr
8+67 Rt	Concrete Drive		#1814
9+79 Lt	Concrete Drive		#1809
9+91 Rt	Concrete Drive		#1810
10+36 Rt & Lt	Catch Basin, "Pavt for Butt Joints, Rem"	(13'x9') x2	
10+63 Rt	HMA Drive		#1804
10+88 Rt	Concrete Curb & Gutter, "Pavt for Butt Joints. Rem"	(6'x4')	
11+34 Lt	HMA Drive		#4330 18 th St
11+68 Rt	Concrete Curb & Gutter, "Pavt for Butt Joints, Rem"	(7'x4')	
12+00 Rt	HMA Drive		#1804
12+30 Rt	Concrete Curb & Gutter, Pavt for Butt Joints, Rem"	(9'x4')	
12+88	POE, Edge of Conc C&G, "Pavt for Butt Joints, Rem"	(30'x15')	

Saturn Drive

<u>Station</u>	Description	<u>Dimensions</u>	<u>House #</u>
0+00	Centerline of Apollo Ct (Reference)		
0+30	POB just past Conc Sidewalks, "Pavt for Butt Joints, Rem"	(30'x15')	
0+30 Rt & Lt	Begin HMA Valley Gutter		
1+85 Rt	Concrete Drive		#4305
1+94 Lt	Concrete Drive		#4310
2+95 Lt	Concrete Drive		#1824 Sunset Dr
4+17 Rt & Lt	Concrete Sidewalks, Mill V.G.		
4+24 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	
4+30	South Edge of Sunset Dr, Match New HMA		
4+60	North Edge of Sunset Dr, Match New HMA		
4+68 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	
4+77 Rt & Lt	Concrete Sidewalks, Mill V.G.		
5+43 Rt	Concrete Drive		#4317
5+58 Lt	Concrete Drive		#4318
6+50 Rt	Concrete Drive		#4321
7+67 Lt	Concrete Drive		#4324
7+70 Rt	Concrete Drive		#4325
8+07 Rt	Concrete Drive		#4329
9+17 Rt	Concrete Drive		#4333
9+47 Lt	Int. of Mercury Ct, Match New HMA		
10+14 Rt	Concrete Drive		#4337
10+46 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	

<u>Station</u>	Description	Dimensions	House #
11+52 Lt	Concrete Drive		#4340
11+79 Rt	HMA Drive		#4341
12+63 Lt	Concrete Drive		#4344
13+02 Rt	Concrete Drive		#4345
13+02 Rt & Lt	End HMA Valley Gutter		
13+02 Rt & Lt	Begin Concrete C & G, "Pavt for Butt Joints, Rem"	(250'x6')	
13+18	Begin Cul-de-sac	(80' Dia.)	
13+98	POE, End Cul-d-sac		

Mercury Court

<u>Station</u>	Description	<u>Dimensions</u>	House #
0+00	POB, Begin Cul-de-sac at west end	(78' Dia.)	
0+00 Rt & Lt	Begin Concrete Curb & Gutter, "Pavt for Butt Joints, Rem"	(255'x6')	
0+80	End Cul-de-sac		
1+01 Rt & Lt	End Concrete Curb & Gutter, Begin HMA Valley Gutter		
1+85 Rt	Concrete Drive		#1836
2+25 Lt	Concrete Drive		#1835
2+28 Rt	Concrete Drive		#1832
3+31 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	
3+55 Lt	Concrete Drive		#1829
3+70 Rt	Concrete Drive		#1828
4+30 Lt	Concrete Drive		#1825
4+72 Rt	Concrete Drive		#1824
5+26 Rt	Concrete Drive		#1820
5+79 Lt	Concrete Drive		#1821
6+40 Rt & Lt	Concrete Sidewalks, Mill V.G.		
6+47 Rt	Catch Basin, "Pavt for Butt Joints, Rem"	(13'x9')	
6+55	POE, west edge of Saturn Dr, Match New HMA		

 <u>LH 400044 – DORR TOWNSHIP</u> – Ranchero Drive, Litchfield Drive, Litchfield Place, Selly Oak Drive, Radstock Drive, & Irene Drive, south of 142nd Avenue – 1.68 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 October 29, 2021.

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.

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

3. <u>LH 400044 – DORR TOWNSHIP</u> – Ranchero Drive, Litchfield Drive, Litchfield Place, Selly Oak Drive, Radstock Drive, & Irene Drive, south of 142nd Avenue – 1.68 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. Topsoil shoulders, restoration, and gravel approaches will then be placed from the POB to POE.

HMA Widths:

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

Miscellaneous Items of Work Quantity

Ranchero Drive (South leg)

<u>Station</u>	Description	<u>Dimensions</u>	House #
0+00	POB, Begin South edge of Cul-de-sac	(300 syd)	
0+00	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4060
0+33 Rt	Concrete Drive w/ Gravel Approach, Prep & Pave	(22'x13')	#4065
0+60 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#4060
0+68	End cul-de-sac		
1+49 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4069
1+97 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#1708 Rhonda
2+51 Rt	Concrete Drive w/ HMA Approach, "Pavt for Butt Joints, Rem"	(12'x7') Pave all	#4073
3+01 Lt	Int. of Rhonda Dr, "Pavt for Butt Joints, Rem"	(35'x15')	
3+69 Lt	Concrete Drive, "Pavement Rem, Mod"	(20'x5')	#4077
3+85 Lt	Concrete Drive w/ Gravel Approach, Prep & Pave	(17'x16')	#4076
4+89 Rt	Concrete Drive, "Pavement Rem, Mod"	(16'x5')	#4081
5+20 Lt	Concrete Drive, "Pavement Rem, Mod"	(32'x5')	#4082
5+48 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#4082
5+79 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(24'x6')	#4085
6+47 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#4086
7+33 Rt	Concrete Drive, "Pavement Rem, Mod"	(16'x6')	#4089
7+51 Rt	Pea Stone Drive, (ACRC will add mat. after paving)		#4089
7+55 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4090

<u>Station</u>	Description	Dimensions	House #
8+30 Rt & Lt	Int. of Margaret Dr, "Pavt for Butt Joints, Rem"	(32'x15') & (36'x15')	
10+71 Rt	Concrete Drive, "Pavement Rem, Mod"	(18'x8')	#4103
10+74 Lt	Concrete Drive w/ Gravel Approach, Prep & Pave	(23'x16')	#1704 Joan Ct
11+61 Lt	Int. of Joan Ct, "Pavt for Butt Joints, Rem"	(36'x15')	
12+32 Rt	Concrete Drive, "Pavement Rem, Mod"	(16'x5')	#4115
12+41 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#4116
13+31 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4119
13+81 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(24'x6')	#4120
14+80 Lt	Concrete Drive, "Pavement Rem, Mod"	(14'x5')	#4124
14+94 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#4123
16+00 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4128
16+02 Rt	Concrete Drive, "Pavement Rem, Mod"	(20'x5')	#4127
16+77 Rt	Concrete Drive, "Pavement Rem, Mod"	(22'x8')	#4131
16+97 Lt	Concrete Drive, "Pavement Rem, Mod"	(18'x6')	#4132
18+25 Rt	Concrete Drive, "Pavement Rem, Mod"	(12'x8')	#4137
18+28 Lt	Concrete Drive, "Pavement Rem, Mod"	(26'x6')	#4136
19+21 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#4140
19+84 Rt	Concrete Drive, "Pavement Rem, Mod"	(18'x6')	#4143
20+34 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#4144
20+58 Rt	Intersection of Irene Dr, "Pavt for Butt Joints, Rem"	(30'x15')	
21+10 Rt	Concrete Drive, "Pavement Rem, Mod"	(26'x8')	#4149
22+11 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4148
22+36 Rt	Concrete Drive, "Pavement Rem, Mod"	(20'x7')	#4153
23+40	POE, "Pavt for Butt Joints, Rem"	(26'x15')	

Ranchero Dr (North leg)

<u>Station</u>	Description	<u>Dimensions</u>	House #
0+00	Centerline of Sandy Dr (Reference)		
0+25	POB, "Pavt for Butt Joints, Rem"	(26'x15')	
1+58 Rt	Concrete Drive w/ Gravel Approach, Prep & Pave	(16'x22')	#4157
1+71 Lt	Millings Drive, "Approach, HMA Millings, LM"		#4160
2+45 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4161
3+56 Rt	Concrete Drive, "Pavement Rem, Mod", Prep & Pave	(16'x2')	#4165
3+71 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#4164
4+69 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#4169
4+97 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#4168
6+04 Rt	Concrete Drive, "Pavement Rem, Mod"	(16'x5')	#4173
6+08 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4172
7+07 Rt	Concrete Drive, "Pavement Rem, Mod"	(20'x5')	#4177
7+23 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4176
5+48 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#4082

Station	Description	Dimensions	House #
8+04 Rt	Concrete Drive w/ HMA Approach, "Pavt for Butt Joints, Rem"	(22'x6') Pave all	#4181
8+40 Lt	Concrete Drive, "Pavement Rem, Mod"	(22'x8')	#4180
9+12 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4185
9+41 Lt	Concrete Drive w/ HMA Approach, "Pavt for Butt Joints, Rem"	(18'x6') Pave all	#4184
10+62 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#4188
10+70 Rt	Concrete Drive, "Pavement Rem, Mod"	(26'x5')	#4189
11+55 Rt	Concrete Drive, "Pavement Rem, Mod"	(18'x8')	#4193
11+82 Lt	Concrete Drive, "Pavement Rem, Mod"	(16'x5')	#4192
12+47 Rt	Concrete Drive, "Pavement Rem, Mod"	(18'x5')	#4197
12+96 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4196
13+58	POE, "Pavt for Butt Joints, Rem"	(24'x18')	
13+58 Rt & Lt	Begin Conc C & G south of 142 nd Ave (Reference)		

Irene Drive

Station	Description	Dimensions	<u>House #</u>
0+00	POB, east edge of Ranchero Dr, Match New HMA		
1+73 Lt	Concrete Drive, "Pavement Rem, Mod"	22'x5'	#1697
2+31 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4136 Litchfield Dr
3+28	POE, west edge of Litchfield Dr, Match New HMA		

Selly Oak Avenue & Litchfield Drive

<u>Station</u>	Description	<u>Dimensions</u>	House #
0+00	POB, Begin Selly Oak @ west edge of Radstock Dr, Match New HMA		
1+10 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#1660
1+51 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1664
2+00 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1663
2+61 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1668
3+01 Rt	Concrete Drive, "Pavement Rem, Mod"	(16'x8')	#1667
3+27 Rt	Concrete Drive, "Pavement Rem, Mod"	(12'x6')	#1671
4+45 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#1672
4+89 Rt	Concrete Drive, "Pavement Rem, Mod", Prep & Pave	(18'x2')	#1675
5+34 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1676
6+34 Rt	Concrete Drive, "Pavement Rem, Mod"	(10'x6')	#1683
6+38 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#1680
6+78 Lt	Concrete Drive, "Pavement Rem, Mod"	(18'x8')	#1684
7+77 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#1688
8+00 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#1687
9+35 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(30'x6')	#1692
9+45 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#1696

<u>Station</u>	Description	Dimensions	House #
9+50	Begin Litchfield Dr, Continue Paving North		
9+57 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#4132
10+16 Rt	Concrete Drive, "Pavement Rem, Mod"	(14'x6')	#4135
11+36 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4141
11+49 Lt	Int. of Irene Dr, Match New HMA		
12+58 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x5')	#4145
13+94 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#4146
14+50 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#4149
14+72 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4150
16+08 Lt	Concrete Drive, "Pavement Rem, Mod"	(18'x5')	#4154
16+36 Rt	Int. of Litchfield Place, Match New HMA		
17+19 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#4158
17+76 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4162
18+27 Rt	Concrete Drive, "Pavement Rem, Mod"	(22'x5')	#4165
19+11 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#4166
19+82 Rt	Int. of Sherwood Ave, "Pavt for Butt Joints, Rem"	(35'x15')	
20+17 Lt	Concrete Drive w/ Gravel Approach, Prep & Pave	(16'x16')	#4170
20+66 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4173
21+16 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4174
21+58 Lt	Concrete Drive w/ Gravel Approach, Prep & Pave	(20'x10')	#4178
21+87 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1691 Stratford Ave
23+15 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4182
23+35 Rt	Int. of Stratford Ave, "Pavt for Butt Joints, Rem"	(30'x15')	
24+41 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#4186
25+29 Lt	Concrete Drive, "Pavement Rem, Mod", Prep & Pave	(14'x1')	#4190
25+71 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4195
26+42 Lt	Concrete Drive w/ HMA Approach, "Pavt for Butt Joints, Rem"	(22'x6') Pave all	#4194
26+91	POE, "Pavt for Butt Joints, Rem"	(22'x18')	
26+91 Rt & Lt	Begin Conc C & G south of 142 nd Ave (Reference)		

Litchfield Place

<u>Station</u>	Description	<u>Dimensions</u>	House #
0+00	POB, east edge of Litchfield Dr, Match New HMA		
1+10 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1691
1+14 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1690
2+05	Begin Cul-de-sac	(40' Dia.)	
2+25 Rt	Concrete Drive, "Pavement Rem, Mod"	(28'x5')	#1686
2+33 Lt	Concrete Drive, "Pavement Rem, Mod"	(14'x5')	#1687
2+50 Rt	Concrete Drive w/ Gravel Approach, Prep & Pave	(12'x12')	#1682
2+55 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1683
2+55	POE, End cul-de-sac		

Radstock Drive

Station	Description	Dimensions	House #
0+00	POB, south end of Radstock Dr.		
0+00	Gravel Drive, "Shoulder & Approach, Cl II, LM		#4121
0+09 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x5')	#4125
0+99 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#4129
1+79 Lt	Int. of Selly Oak Dr, Match New HMA		
2+08 Rt	Concrete Drive w/ Gravel Approach, Prep & Pave	(12'x10')	#4133
2+68 Lt	Concrete Drive w/ Gravel Approach, Prep & Pave	(34'x12')	#1659 Selly Oak Ave
2+93 Rt	Concrete Drive, "Pavement Rem, Mod"	(22'x5')	#4137
5+35 Lt	Int. of Downing Ave, "Pavt for Butt Joints, Rem"	(30'x15')	
5+44 Rt	Concrete Drive w/ Gravel Approach, Prep & Pave	(14'x10')	#4143
6+19 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#4149
6+49 Lt	Concrete Drive, "Pavement Rem, Mod"	(14'x5')	#4146
7+00 Lt	Concrete Drive, "Pavement Rem, Mod", Prep & Pave	(20'x4')	#4150
8+44 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#4157
8+52 Lt	Concrete Drive, "Pavement Rem, Mod"	(22'x7')	#4154
9+58 Lt	Concrete Drive, "Pavement Rem, Mod"	(20'x5')	#4158
10+58 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM		#4165
10+71 Lt	Concrete Drive, "Pavement Rem, Mod"	(14'x5')	#4162
11+97 Rt	Concrete Drive, "Pavement Rem, Mod"	(14'x6')	#4171
12+28 Lt	Int. of Sherwood Ave, "Pave for Butt Joints, Rem"	(35'x15')	
13+00 Lt	Concrete Drive, "Pavement Rem, Mod"	(14'x4')	#4174
13+10 Rt	Concrete Drive w/ Gravel Approach, Prep & Pave	(12'x16')	#4175
13+57 Lt	Concrete Drive, "Pavement Rem, Mod"	(22'x6')	#4174
14+61 Rt	Concrete Drive, "Pavement Rem, Mod"	(12'x6')	#4179
15+17 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM		#4183
15+78 Lt	Int. of Stratford Ave, "Pavt for Butt Joints, Rem"	(35'x15')	
16+16 Rt	Concrete Drive, "Pavement Rem, Mod"	(22'x6')	#4187
16+75 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM		#4187
17+12 Rt	Millings Drive, "Approach, HMA Millings, LM"		#4191
18+35 Lt	Concrete Drive, "Pavement Rem, Mod"	(14'x10')	#4198
18+47 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM		#4195
18+84 Lt	Concrete Drive, "Pavement Rem, Mod"	(12'x10')	#4198
19+10	POE, "Pavt for Butt Joints, Rem"	(22'x18')	
19+10 Rt & Lt	Begin Conc C & G south of 142 nd Ave (Reference)		

 <u>LH 400045 – DORR TOWNSHIP</u> – Chappel Street, Hickory View Court, & Hillcrest Drive, south of 144th Avenue – 0.66 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 October 29, 2021.

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.

SPECIAL PROVISIONS

FOR

4. <u>LH 400045 – DORR TOWNSHIP</u> – Chappel Street, Hickory View Court, & Hillcrest Drive, south of 144th Avenue – 0.66 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 165 lb/syd. Topsoil shoulders, restoration, and gravel approaches will then be placed from the POB to POE.

HMA Widths:

<u>Station</u>	HMA Width	Shoulder Width
Chappel Street POB to POE	22'	1' Rt & Lt
Hickory View Court POB to 10+76	30' w/ V.G.	1' Rt & Lt
Hillcrest Drive 10+76 to 14+26 14+48 to POE	30' w/ V.G. 22'	1' Rt & Lt 1' Rt & Lt

Miscellaneous Items of Work Quantity

Chappel Street

<u>Station</u>	Description	Dimensions	House #
0+00	POB, South end of Chappel St		
0+00	Begin 63' Dia. cul-de-sac	(357 syd)	
0+00	Gravel Drive w/ HMA Approach, cover existing Approach		#4326
0+65	End cul-de-sac		
0+74 Rt	Concrete Drive, "Pavement Rem, Mod"	(16'x6')	#4337
0+92 Lt	"Manhole, Adj"		
1+06 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#4342
1+14 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(28'x6')	#4341
1+85 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#4342
2+27 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(24'x6')	#4341
2+32 Lt	Concrete Drive, "Pavement Rem, Mod"	(20'x9')	#4346
3+80 Rt	HMA Drive, "Pavt for Butt Joints, Rem" (Pave back to sidewalk)	(24'x6')	#4341

<u>Station</u>	Description	Dimensions	House #
3+86 Lt	Concrete Drive w/ HMA Approach, "Pavement Rem, Mod"	(20'x9')	#4350
4+72 Rt	HMA Drive, "Pavt for Butt Joints, Rem" (Pave back to sidewalk)	(16'x6')	#4341
4+92 Lt	Concrete Drive, "Pavement Rem, Mod"	(20'x7')	#4354
6+67 Rt	Concrete Drive, "Pavement Rem, Mod"	(22'x4')	#4363
6+72 Lt	Concrete Drive, "Pavement Rem, Mod"	(20'x5')	#4360
7+14 Rt	HMA Drive, Feather Joint	Feather	#4363
7+56 Lt	Concrete Drive w/ HMA Approach, "Pavt for Butt Joints, Rem"	(18'x4')	#4366
7+93 Rt	HMA Drive, "Pavt for Butt Joints, Rem" (Pave back to sidewalk)	(12'x6')	#4367
8+06 Lt	Concrete Drive, "Pavement Rem, Mod"	(26'x4')	#4370
9+26 Lt	Concrete Drive w/ HMA Approach, "Pavt for Butt Joints, Rem"	(16'x6') Pave all	#4374
9+32	"Manhole, Adj"		
9+41 Rt	HMA Drive, "Pavt for Butt Joints, Rem" (Pave back to sidewalk)	(14'x6')	#4367 1/2
9+71 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#4378
10+57 Rt	HMA Drive, "Pavt for Butt Joints, Rem" (Pave back to sidewalk)	(18'x6')	#4369
11+25 Rt	Concrete Drive w/ HMA Approach, "Pavt for Butt Joints, Rem"	(16'x6')	#4371
12+97 Rt	Catch Basin w/ HMA Spillway, "Pavt for Butt Joints, Rem"	(4'x4')	
13+22 Rt & Lt	Int. of Hillcrest Dr, Match New HMA		
13+24	"Manhole, Adj"		
14+42 Rt	Concrete Drive, "Pavement Rem, Mod"	(14'x7')	#4391
16+16 Rt	Concrete Sidewalk, "Pavement Rem, Mod"	(4'x2')	
16+30	POE, "Pavt for Butt Joints, Rem"	(24'x18')	
16+46	Centerline of 144 th Ave (Reference)		

Hickory View Court & Hillcrest Drive

<u>Station</u>	Description	<u>Dimensions</u>	House #
0+00	POB, south end of Hickory View Ct, Begin "Cold Milling HMA Surface"		
0+00	Begin 62' Dia. Cul-de-sac	(335 syd)	
0+00	Concrete Drive		#4340
0+02 Rt	Concrete Drive		#4339
0+23	Manhole		
0+29 Rt	Concrete Drive		#4343
0+37 Lt	Concrete Drive		#4344
0+62	End Cul-de-sac, Begin HMA Valley Gutter, Begin 30' wide road		
1+15 Lt	Concrete Drive		#4348
1+30 Rt	Concrete Drive		#4347

<u>Station</u>	Description	<u>Dimensions</u>	House #
2+13 Lt	Concrete Drive		#4352
2+40	Manhole		
2+41 Rt	Concrete Drive		#4351
2+43	Manhole		
2+61 Rt & Lt	Catch Basins, Mill around for min. 1.5" lip		
2+71 Lt	Concrete Drive		#4356
3+53 Lt	Concrete Drive		#4360
3+67 Rt	Concrete Drive		#4355
4+03	Manhole		
4+47 Rt	Millings Drive, "Approach, HMA Millings, LM"		#4359
4+72 Rt	Concrete Drive		#4359
4+98 Lt	Concrete Drive		#4364
5+41 Lt	Concrete Drive		#4368
5+49	Manhole		
5+56	Manhole		
6+29 Lt	Concrete Drive		#4372
6+31 Rt	Concrete Drive		#4363
7+05 Rt	Concrete Drive		#4367
7+44 Lt	Concrete Drive		#4376
8+19 Rt	Concrete Drive		#4371
8+29 Lt	Catch Basin, Mill around for min. 1.5" lip		
8+37	Manhole		
8+52 Rt	Catch Basin, Mill around for min. 1.5" lip		
8+88 Rt	Concrete Drive		#4375
8+96 Lt	Concrete Drive		#4380
9+77 Rt	Concrete Drive		#4379
10+17 Lt	Concrete Drive		#4384
10+54 Lt	Concrete Sidewalk		
10+65 Rt	Concrete Drive		#4383
10+76	Begin Hillcrest Drive, Continue Paving West		
10+98 Lt	Concrete Sidewalk		
11+49	Manhole		
11+59 Rt & Lt	Catch Basins, Mill around for min. 1.5" lip		
12+40	Manhole		
13+45 Lt	Concrete Drive		#4379 Chappel St
14+07	End HMA Valley Gutter		
14+08 Lt	Concrete Sidewalk		
14+11	Begin Taper down to 0" Cold Milling		
14+14 Rt	Concrete Sidewalk		
14+26	East edge of Chappel St, End "Cold Milling HMA		
14+37	Surface ["] , Match New HMA Centerline of Chappel St		

<u>Station</u>	Description	<u>Dimensions</u>	House #
14+48	West edge of Chappel St, Match New HMA, Begin 22' wide road		
15+10 Rt	Concrete Drive w/ HMA Approach, "Pavt for Butt Joints, Rem"	(16'x6') Pave all	#1235
15+62 Lt	Concrete Drive w/ HMA Approach, Feather Joint	Feather	#1236
16+12 Rt	Concrete Drive w/ HMA Approach, "Pavt for Butt Joints, Rem"	(16'x6') Pave all	#1239
16+54 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(36'x6')	#1240
17+65 Rt	Concrete Drive, "Pavement Rem, Mod"	(16'x7')	#1243
17+75 Lt	Concrete Drive, "Pavement Rem, Mod"	(20'x8')	#1244
18+05	"Manhole, Adj"		
18+08 Rt	Concrete Drive, "Pavement Rem, Mod"	(12'x9')	#1249
18+60 Lt	Concrete Drive, "Pavement Rem, Mod"	(22'x6')	#1248
18+85	POE, West End of Hillcrest Rd at Dead End		

5. <u>LH 400062 – DORR/HOPKINS TOWNSHIP</u> – 136th Avenue, 18th Street west to Pavement End – 0.72 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 October 29, 2021.

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.

SPECIAL PROVISIONS

FOR

5. <u>LH 400062 – DORR/HOPKINS TOWNSHIP</u> – 136th Avenue, 18th Street west to Pavement End – 0.72 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>	HMA Width	Shoulder Width
POB to 15+23	28'	1-2' Rt & Lt
15+23 to 16+32	33'	1' Rt & Lt
16+32 to 19+84	41'	1' Lt Only
19+84 to 32+60	28'	1' Rt & Lt
32+60 to 35+85	43'	1' Lt Only
35+85 to POE	28'	1' Rt & IT

<u>Station</u>	Description	Dimensions	House #
0+00	Mon Box @ 18 th St (Reference)		
0+20	POB, "Pavt for Butt Joints, Rem"	(24'x18')	
2+55 Lt	Pea Stone Drive (ACRC will add mat. after paving)		#1810
4+25 Lt	Pea Stone Drive (ACRC will add mat. after paving)		#1810
5+11 Rt	Pea Stone Drive (ACRC will add mat. after paving)		#1821
6+14 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#1820
6+63 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#1827
8+63 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	
9+16 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#1835
9+38 Lt	Pea Stone Drive (ACRC will add mat. after paving)		#1824
10+13 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1837
11+20 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#1842
12+26 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#1841
13+18 Rt	Millings Drive, "Approach, HMA Millings, LM"		#1853
13+71 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(32'x6')	School
14+35 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(32'x6')	School

<u>Station</u>	Description	<u>Dimensions</u>	House #
15+23 Rt	Begin Widening, "Cold Milling HMA Surface" 1.5" depth	(461'x7') Cold Mill	
15+44 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(30'x4')	School
16+24 Lt	HMA Drive, Feather Joint	Feather	#1868
16+32 Lt	Begin Widening, Cover w/ HMA		
16+35 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(28'x4')	School
17+36 Rt	Concrete Sidewalk, Mill around edge		
19+84 Rt	End "Cold Milling HMA Surface"		
19+84 Rt & Lt	End Widening		
21+56 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
25+94 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
26+53	"Monument Box, Adj"		
26+67 Rt	Int. of 19 th St, Prep & Pave 25'-30' HMA Approach		
31+05 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
32+60 Rt	Begin "Cold Milling HMA Surface" along concrete parking blocks, 1.5" depth	(325'x6') Cold Mill	
33+10 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		Cemetery
33+47 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
35+75 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		Cemetery
35+85 Rt	End "Cold Milling HMA Surface"		
35+85 Rt	End Widening		
37+24 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		Cemetery
38+20	POE, End of Pavement		

DORR TOWNSHIP PROJECTS BID SCHEDULE:

2. <u>LH 400043 – DORR TOWNSHIP</u> – Sunset Drive, Saturn Drive, & Mercury Court, west of 18th Street – 0.63 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 4E1, Mod	1,500 Ton		
Cold Milling HMA Surface	350 Syd		
Pavt for Butt Joints, Rem	100 Syd		
Pavement Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Topsoil Shoulder, LM	70 Cyd		
Restoration	700 Syd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

3. <u>LH 400044 – DORR TOWNSHIP</u> – Ranchero Drive, Litchfield Drive, Litchfield Place, Selly Oak Drive, Radstock Drive, & Irene Drive, south of 142nd Avenue – 1.68 miles

	· · · · ·		
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 4E1, Mod	3,200 Ton		
Pavt for Butt Joints, Rem	1,300 Syd		
Pavt, Rem, Mod	600 Syd		
Shoulder Prep	1 LS		
Approach, HMA Millings, LM	20 Cyd		
Topsoil Shoulder, LM	150 Cyd		
Restoration	1,500 Syd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

DORR TOWNSHIP PROJECTS BID SCHEDULE (CON'T):

4. <u>LH 400045 – DORR TOWNSHIP</u> – Chappel Street, Hickory View Court, & Hillcrest Drive, south of 144th Avenue – 0.66 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 4E1, Mod	1,000 Ton		
Manhole, Adj	4 Ea		
Cold Milling HMA Surface	5,000 Syd		
Pavt for Butt Joints, Rem	300 Syd		
Pavement Rem, Mod	170 Syd		
Shoulder Prep	1 LS		
Topsoil Shoulder, LM	40 Cyd		
Approach, HMA Millings, LM	10 Cyd		
Restoration	700 Syd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

5. <u>LH 400062 – DORR TOWNSHIP</u> – 136th Avenue, 18th Street West to End of Pavement – 0.72 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 4E1, Mod	1,600 Ton		
Monument Box, Adj	1 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	38 Sta		
Cold Milling HMA Surface	600 Syd		
Pavt for Butt Joints, Rem	200 Syd		
Pavt, Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	200 Cyd		
Approach, HMA Millings, LM	10 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	8,000 Ft		

DORR TOWNSHIP PROJECTS BID SCHEDULE (CON'T):

TOTAL OF BID – DORR TOWNSHIP	\$
SIGNED:	_ DATE:

6. <u>LH 400056 – FILLMORE TOWNSHIP</u> – 140th Avenue, 60th Street to 56th Street – 2.07 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 October 29, 2021.

SPECIAL PROVISIONS

FOR

6. <u>LH 400056 – FILLMORE TOWNSHIP</u> – 140th Avenue, 60th Street to 56th Street – 2.07 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>	HMA Width	Shoulde	er Width	
POB to POE *Valley Gutter S	24' Sections 16' wide (lane & shoulder)	4' Rt & I	Lt	
Miscellaneous I	tems of Work Quantity			
Station	Description		Dimensions	House #
0+00	Centerline of 60 th St (Reference)			
0+35	POB, "Pavt for Butt Joints, Rem"		(28'x18')	
0+35	Begin 16' wide lane Rt, 12' Lt			
0+65 Rt	Begin HMA Valley Gutter			
1+40 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"			
1+93 Rt	End HMA Valley Gutter			
2+08	Begin 12' wide lane Rt & Lt			
5+60 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"			
8+52 Rt	Begin HMA Valley Gutter			
8+52	Begin 16' wide lane Rt, 12' Lt			
9+56 Rt	HMA Drive, "Pavt for Butt Joints, Rem"		(18'x6')	#5960
11+34 Rt	Millings Drive, "Approach, HMA Millings, LM"			#5960
12+74 Lt	Concrete Drive, "Pavement Rem, Mod"		(22'x5')	#5955
13+50 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM			#5952
13+77 Rt	End HMA Valley Gutter			
13+80	Begin 12' wide lane Rt & Lt			
14+80 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"			
18+64 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM			#5936
20+22 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM	•		#5927
23+96 Lt	Field Drive, "Shoulder & Approach, CI II, LM"			

<u>Station</u>	Description	<u>Dimensions</u>	House #
26+20 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
27+25 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
28+97 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5890
30+03	"Monument Box, Adj"		
32+58 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
32+80 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
36+21 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
36+21 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
37+24 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
37+24 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
37+83 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
45+00 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
45+65 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#5826
46+08 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#5826
47+62 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
47+64 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	Cooks Auto
48+66 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
52+40 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(24'x6')	#5872
53+30 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(24'x6')	#5872
55+40 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#3998 Blue Star Hwy
56+06	West side of Blue Star Hwy, "Pavt for Butt Joints, Rem"	(24'x18')	,
56+41	Mon Box @ Blue Star Hwy (Reference)		
56+81	East side of Blue Star Hwy, "Pavt for Butt Joints, Rem"	(32'x18')	
57+46 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
57+48 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
69+45 Rt	Begin HMA Valley Gutter		
69+45	Begin 16' wide lane Rt, 12' Lt		
69+56 Rt	Field Drive, "Shoulder & Approach, CI II, LM"		
71+02 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5766
72+75 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x5')	#5736
73+02 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
74+17 Rt	End HMA Valley Gutter		
74+20	Begin 12' wide lane Rt & Lt		
75+45 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
82+87 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
82+87 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
83+06	"Monument Box, Adj"		
83+34 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
84+98 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		

Station	Description	<u>Dimensions</u>	House #
90+56 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5672
90+56 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
94+18 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
96+63 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
103+23 Lt	HMA Drive, Feather Joint	Feather	#5621
104+15 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
104+78 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
105+91 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
109+46	POE, West side of 56 th St, "Pavt for Butt Joints, Rem"	(26'x18')	
109+71	Mon Box @ 56 th St (Reference)		

FILLMORE TOWNSHIP PROJECTS BID SCHEDULE:

6.	LH 400056 – FILLMORE TOWNSHIP – 140 th Avenue, 60 th Street to 56 th Street – 2.07
	miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 4E1, Mod	3,500 Ton		
Monument Box, Adj	2 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	110 Sta		
Pavt for Butt Joints, Rem	350 Syd		
Pavt, Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	900 Cyd		
Approach, HMA Millings, LM	10 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	6,200 Ft		

TOTAL OF BID – FILLMORE TOWNSHIP \$_____

SIGNED: _____ DATE: _____

7. LH 400047 – GANGES TOWNSHIP – 120th Avenue, 66th Street to 64th Street – 0.99 miles

BID AND AWARD

Date:

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before October 29, 2021.

SPECIAL PROVISIONS

FOR

7. <u>LH 400047 – GANGES TOWNSHIP</u> – 120th Avenue, 66th Street to 64th Street – 0.99 miles

SCOPE OF THE WORK

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

POB to 26+4823'4'-5' Rt & Lt26+48 to 31+8830'0' Rt & Lt31+88 to 39+5532' w/ V.G.1' Rt & Lt39+55 to 47+3223'4'-5' Rt & Lt47+52 to 47+3223'4'-5' Rt & Lt	<u>Station</u>	HMA Width	Shoulder Width
47+32 to POE 32 1 Rt & Lt	26+48 to 31+88	30'	0' Rt & Lt
	31+88 to 39+55	32' w/ V.G.	1' Rt & Lt

<u>Station</u>	Description	<u>Dimensions</u>	House #
0+00	Mon Box @ 66 th St (Reference)		
0+28	POB, "Pavt for Butt Joints, Rem"	(30'x18')	
1+27 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6595
3+89 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6585
5+93 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6580
6+74 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6578
7+69 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6576
8+79 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6569
9+79 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
10+89 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6544
11+23 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
15+48 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
16+03 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#6538
16+13 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#6537
17+69 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
17+85 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6528
18+83 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6528
19+48 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6515

StationDescriptionDimensionsHouse #20+58 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#651821+03 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#6518	
21+77 Lt Gravel Drive, "Shoulder & Approach, Cl II, LM" #6511	
22+64 Rt Gravel Drive, "Shoulder & Approach, Cl II, LM" Lavery Ln (F	⊃vt)
23+26 Rt Gravel Drive, "Shoulder & Approach, Cl II, LM" #6506	
24+39 Lt Gravel Drive, "Shoulder & Approach, Cl II, LM" #6505	
26+44 "Monument Box, Adj"	
26+48 Rt & Lt Begin Guardrail, Pave to Face	
26+48 Begin 30' Wide Road	
31+43 Lt Begin HMA Valley Gutter, Prep & Cover Existing	
Spillway 31+52 Rt End Guardrail	
31+52 Rt Begin HMA Valley Gutter, Prep & Cover Existing	
Spillway	
31+88 Lt End Guardrail	
31+88 Begin 32' Wide Road	
35+80 Rt Gravel Drive, "Shoulder & Approach, Cl II, LM" #6466	
35+90 Lt Gravel Drive, "Shoulder & Approach, Cl II, LM" #6565	
38+92 Lt Millings Drive, "Approach, HMA Millings, LM" #6459	
39+27 Lt End HMA Valley Gutter, Prep & Cover Existing Spillway	
39+55 Rt End HMA Valley Gutter, Prep & Cover Existing	
Spillway 39+55 Begin 23' Wide Road	
41+28 Rt Gravel Drive, "Shoulder & Approach, Cl II, LM" #6432	
41+68 Lt Gravel Drive, "Shoulder & Approach, Cl II, LM" #6441	
43+56 Lt Gravel Drive, "Shoulder & Approach, Cl II, LM"	
47+32 Rt & Lt Begin 32' Wide Road	
48+03 Lt HMA Drive, "Pavt for Butt Joints, Rem" (18'x6') #6421	
49+09 Rt Begin HMA Valley Gutter, Prep & Cover Existing	
Spillway	
49+33 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#6415	
52+06 Lt Gravel Drive, "Shoulder & Approach, Cl II, LM" #6406	
52+75 POE, "Pavt for Butt Joints, Rem" (32'x18')	
52+97 Mon Box @ 64 th St (Reference)	

8. LH 400048 – GANGES TOWNSHIP – 64th Street 113th Avenue to 116th Avenue – 1.49 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 October 29, 2021.

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.

SPECIAL PROVISIONS

FOR

8. <u>LH 400048 – GANGES TOWNSHIP</u> – 64th Street 113th Avenue to 116th Avenue – 1.49 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, LVSP, 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>	HMA Width	Shoulder Width
POB to POE	24'-25'	3'-4' Rt & Lt

<u>Station</u>	Description	<u>Dimensions</u>	<u>House #</u>
0+00	Mon Box @ 113 th Ave (Reference)		
0+35	POB, "Pavt for Butt Joints, Rem"	(30'x18')	
2+66 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
13+18 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1351
18+88 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
25+81 Rt	Begin Guardrail		
25+83 Lt	Begin Guardrail		
26+17	"Monument Box, Adj"		
26+31 Rt	End Guardrail		
26+36 Lt	End Guardrail		
26+54 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
30+18 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
30+23 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
35+10 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
37+35 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1437
39+18 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1439
42+88 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
43+37 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1465
43+99 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
44+15 Rt & Lt	Begin Guardrail		
44+69 Rt	End Guardrail		

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	House #
44+79 Lt	End Guardrail		
48+47 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1486
52+32	"Monument Box, Adj"		
52+40 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1499
58+61 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
59+97 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1524
62+95 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1534
65+63 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#1553
67+00 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(15'x6')	#1553
70+75 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1576
74+61 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#1579
78+46 Rt & Lt	Int. of 116 th Ave, Cover Existing HMA Approaches		
78+52	"Monument Box, Adj"		
79+00	POE, "Pavt for Butt Joints, Rem"	(30'x18')	

GANGES TOWNSHIP PROJECTS BID SCHEDULE:

7.	7. <u>LH 400047 – GANGES TOWNSHIP</u> – 120 th Avenue, 66 th Street to	64 th Street – 0.99
	miles	

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	1,800 Ton		
Monument Box, Adj	1 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	53 Sta		
Pavt for Butt Joints, Rem	200 Syd		
Pavement Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	500 Cyd		
Approach, HMA Millings, LM	10 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	2,000 Ft		

8. <u>LH 400048 – GANGES TOWNSHIP</u> – 64th Street 113th Avenue to 116th Avenue – 1.49 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	2,600 Ton		
Monument Box, Adj	3 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	79 Sta		
Pavt for Butt Joints, Rem	175 Syd		
Pavement Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	700 Cyd		
Approach, HMA Millings, LM	10 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	2,000 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	16,000 Ft		

GANGES TOWNSHIP PROJECTS BID SCHEDULE (CON'T):

TOTAL OF BID – GANGES TOWNSHIP	\$
SIGNED:	_ DATE:

9. LH 400030 – HEATH TOWNSHIP – 42nd Street, 132nd Avenue to 134th Avenue – 0.99 miles

BID AND AWARD

Date:

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

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

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

The undersigned agrees to complete all items of work on or before October 29, 2021

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.

SPECIAL PROVISIONS

FOR

9. <u>LH 400030 – HEATH TOWNSHIP</u> – 42nd Street, 132nd Avenue to 134th Avenue – 0.99 miles

SCOPE OF THE WORK

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

HMA Widths:

<u>Station</u>	HMA Width	Shoulder Width
POB to POE	26'	2'-3' Rt & Lt

<u>Station</u>	Description	Dimensions	House #
0+00	Monument Box @ 132 nd Ave (Reference)		
0+15	POB, Match New HMA from LH 400031		
0+45 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3225
2+19 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
3+34 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		Brandy Ln
3+50 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3225
4+03 Lt	Concrete Drive, "Pavement Rem, Mod"	(16'x7')	#3218
4+74 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#3218
5+13 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3220
6+61 Lt	Millings Drive, "Approach, HMA Millings, LM"		#3222
8+39 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
9+50 Lt	Field Drive, "Shoulder & Approach Cl II, LM"		
10+97 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3246
11+44 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3247
13+11 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3255
18+30 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3261
20+23 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3273
26+45	"Monument box, Adj"		
29+20 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3309
30+92 Lt	Field Drive, "Shoulder & Approch Cl II, LM"		
32+70 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#3321
37+39 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3351

<u>Station</u>	Description	<u>Dimensions</u>	House #
39+24 Rt	Millings Drive, "Approach, HMA Millings, LM"		#3351
43+17 Lt	Millings Drive, "Approach, HMA Millings, LM"		#3364
43+26 Rt	Millings Drive, "Approach, HMA Millings, LM"		#3363
46+10 Rt	Field Drive, "Shoulder & Approch Cl II, LM"		
50+31 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
52+65	POE, "Pavt for Butt Joints, Rem"	(35'x18')	
52+95	Mon Box @ 134 th Ave (Reference)		

10. LH 400031 – HEATH TOWNSHIP – 132nd Avenue, 42nd Street to 41st Street – 0.52 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 October 29, 2021.

SPECIAL PROVISIONS

FOR

10. LH 400031 – HEATH TOWNSHIP – 132nd Avenue, 42nd Street to 41st Street – 0.52 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, LVSP, 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>	HMA Width	Shoulder Width
POB to POE	28'	1'-2' Rt & Lt

<u>Station</u>	Description	<u>Dimensions</u>	<u>House #</u>
0+00	POB, just west of 42 nd St, "Pavt for Butt Joints, Rem"	(24'x18')	
0+60	"Monument Box, Adj"		
0+60 Rt	Int. of 42 nd St, "Pavt for Butt Joints, Rem"	(34'x18')	
0+60 Lt	Match New HMA from LH 400030		
1+65 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#4196
3+41 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
3+63 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4196
4+72 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#4184
5+87 Rt	Millings Drive, "Approach, HMA Millings, LM"		#4184
6+02 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#4175
7+52 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4176
9+30 Rt	Millings Drive, "Approach, HMA Millings, LM"		#4168
11+19 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#4147
11+91 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#4160
13+92 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#4154
14+65 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(24'x6')	#4150
20+10 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#4118
26+93	"Monument Box, Adj"		
26+93 Lt	Int. of 41 st St, "Pavt for Butt Joints, Rem"	(34'x18')	
27+08	End HMA Paved Road		
27+38	POE, Prep & Pave Approach		

11. <u>L H 400032 – HEATH TOWNSHIP</u> – Jennifer Lane & Sara Lane, North of 131st Avenue – 0.71 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 October 29, 2021.

SPECIAL PROVISIONS

FOR

11. <u>LH 400032 – HEATH TOWNSHIP</u> – Jennifer Lane & Sara Lane, North of 131st Avenue – 0.71 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, LVSP, Mod surface course an average yield of 220 lb/syd. Topsoil shoulders, restoration, and gravel approaches will then be placed from the POB to POE.

HMA Widths:

<u>Station</u>	HMA Width	Shoulder Width
POB to POE	30' w/ V.G.	1' Rt & Lt

Miscellaneous Items of Work Quantity

Jennifer Lane

Station	Description	<u>Dimensions</u>	House #
0+00	Centerline of 131 st Ave (Reference)		
0+18	POB, Begin Conc C & G, "Pavt for Butt Joints, Rem"	(30'x28')	
0+44 Rt & Lt	End Concrete Curb & Gutter		
0+44 Rt & Lt	Begin HMA Valley Gutter		
1+45 Lt	Concrete Sidewalk (2x)		#3109
2+18 Rt	Concrete Drive		
4+46 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	
4+83 Lt	Concrete Drive		#3114
5+71 Rt	Concrete Drive		#3119
6+38 Lt	Concrete Drive		#3122
7+44 Lt	Gravel Drive, "Approach Cl II, LM"		#3122
8+31 Rt	Concrete Drive		#3129
8+41 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	
9+15 Lt	HMA Drive		#3134
10+18 Lt	Concrete Drive		#3134
10+87 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	
11+02 Lt	Concrete Drive		#3146
12+36 Rt	Concrete Drive		#3143
13+91 Lt	Concrete Drive		#3151
14+32 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	

<u>Station</u>	Description	<u>Dimensions</u>	House #
18+35 Lt	Concrete Drive		#3158
18+50 Lt	Catch Basin, "Pavt for Butt Joints, Rem"	(13'x9')	
18+50 Rt	Int. of Sara Ln, Match New HMA		
20+12 Lt	HMA Drive		#3164
20+72 Rt	Concrete Drive		#3161
21+14 Rt & Lt	Begin Conc C & G, "Pavt for Butt Joints, Rem"	(260'x6')	
21+36	Begin Cul-de-sac	(531 syd)	
22+14	POE, End Cul-de-sac		

Sara Lane

<u>Station</u>	Description	Dimensions	House #
0+00	Centerline of 131 st Ave (Reference)		
0+18 Rt & Lt	POB, Begin Conc C & G, "Pavt for Butt Joints, Rem"	(30'x28')	
0+44 Rt & Lt	End Concrete Curb & Gutter		
0+44 Rt & Lt	Begin HMA Valley Gutter		
0+49 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	
1+50 Rt	Concrete Drive		#3111
2+94 Lt	Concrete Drive		#3110
3+87 Rt	HMA Drive		#3115
5+27 Lt	Concrete Drive		#3122
6+41 Rt	HMA Drive		#3127
7+11 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	
8+20 Lt	HMA Drive		#3134
9+96 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	
10+96 Rt	HMA Drive		#3137
12+28 Lt	Concrete Drive		#3148
13+52 Rt	HMA Drive		#3147
15+42 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	
15+48	POE, East edge of Jennifer Ln, Match New HMA		

HEATH TOWNSHIP PROJECTS BID SCHEDULE:

9. <u>LH 400030 – HEATH TOWNSHIP</u> – 42nd Street, 132nd Avenue to 134th Avenue – 0.99 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	1,800 Ton		
Monument Box, Adj	1 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	53 Sta		
Pavt for Butt Joints, Rem	100 Syd		
Pavt, Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	450 Cyd		
Approach, HMA Millings, LM	30 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	5,000Ft		
Pavt Mrkg, Waterborne, 4-inch, White	10,500 Ft		

10. <u>LH 400031 – HEATH TOWNSHIP</u> – 132nd Avenue, 42nd Street to 41st Street – 0.52 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	1,050 Ton		
Monument Box, Adj	2 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	28 Sta		
Pavt for Butt Joints, Rem	300 Syd		
Pavement Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	120 Cyd		
Approach, HMA Millings, LM	20 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	2,500 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	5,400 Ft		

HEATH TOWNSHIP PROJECTS BID SCHEDULE (CON'T):

11. <u>LH 400032 – HEATH TOWNSHIP</u> – Jennifer Lane & Sara Lane, North of 131st Avenue – 0.71 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	1,500 Ton		
Pavt for Butt Joints, Rem	600 Syd		
Shoulder Prep	1 LS		
Topsoil Shoulder, LM	100 Cyd		
Restoration	750 Syd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID – HEATH TOWNSHIP

\$_____

SIGNED: _____ DATE: _____

12. LH 400041 – LAKETOWN TOWNSHIP – 142nd Avenue, 60th Street to Cul-de-sac – 0.81 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 October 29, 2021.

SPECIAL PROVISIONS

FOR

12. LH 400041 – LAKETOWN TOWNSHIP – 142nd Avenue, 60th Street to Cul-de-sac – 0.81 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, LVSP, 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>	HMA Width	Shoulder Width
POB to POE	22'	2'-3' Rt & Lt

0+00Centerline of 60th St (Reference)0+28POB, "Pavt for Butt Joints, Rem"(26'x18')2+58 LtField Drive, "Shoulder & Approach, Cl II, LM"#60227+51 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#60229+94 RtField Drive, "Shoulder & Approach, Cl II, LM"#602212+37 LtField Drive, "Shoulder & Approach, Cl II, LM"#605613+32 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#605616+00 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#605616+02 RtField Drive, "Shoulder & Approach, Cl II, LM"#606818+55 RtHMA Drive, "Pavt for Butt Joints, Rem"(12'x6')19+65 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')19+65 LtField Drive, "Shoulder & Approach, Cl II, LM"#607119+65 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')21+99 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')22+44 RtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')23+80 RtMillings Drive, "Approach, HMA Millings, LM"#607923+80 RtMillings Drive, "Approach, HMA Millings, LM"#607926+80 Rt"Monument Box, Adj"#607927+63 RtHMA Drive, "Pavt for Butt Joints, Rem"(18'x6')46079	<u>Station</u>	Description	<u>Dimensions</u>	House #
2+58 LtField Drive, "Shoulder & Approach, Cl II, LM"#60229+94 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#60229+94 RtField Drive, "Shoulder & Approach, Cl II, LM"#602212+37 LtField Drive, "Shoulder & Approach, Cl II, LM"13+32 Rt13+32 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#605616+00 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#605616+00 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#605616+02 RtField Drive, "Shoulder & Approach, Cl II, LM"#606818+55 RtHMA Drive, "Shoulder & Approach, Cl II, LM"#606818+55 RtHMA Drive, "Pavt for Butt Joints, Rem"(12'x6')19+65 LtField Drive, "Shoulder & Approach, Cl II, LM"21+99 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')22+44 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')23+63 LtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')23+80 RtMillings Drive, "Approach, HMA Millings, LM"#607924+80 RtInt. of 61st St, Match new HMA from LH 400042#607926+80 Rt"Monument Box, Adj"#6079	0+00	Centerline of 60 th St (Reference)		
7+51 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#60229+94 RtField Drive, "Shoulder & Approach, Cl II, LM"12+37 LtField Drive, "Shoulder & Approach, Cl II, LM"12+37 LtField Drive, "Shoulder & Approach, Cl II, LM"13+32 RtGravel Drive, "Shoulder & Approach, Cl II, LM"13+32 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#605616+00 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#605616+02 RtField Drive, "Shoulder & Approach, Cl II, LM"#606818+55 RtHMA Drive, "Pavt for Butt Joints, Rem"(12'x6')19+65 RtHMA Drive, "Pavt for Butt Joints, Rem"(22'x6')19+65 LtField Drive, "Shoulder & Approach, Cl II, LM"21+99 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')22+44 RtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')23+63 LtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')23+80 RtMillings Drive, "Approach, HMA Millings, LM"#607926+80 Rt"Monument Box, Adj"#6079	0+28	POB, "Pavt for Butt Joints, Rem"	(26'x18')	
9+94 RtField Drive, "Shoulder & Approach, CI II, LM"12+37 LtField Drive, "Shoulder & Approach, CI II, LM"13+32 RtGravel Drive, "Shoulder & Approach, CI II, LM"15+11 LtGravel Drive, "Shoulder & Approach, CI II, LM"15+11 LtGravel Drive, "Shoulder & Approach, CI II, LM"16+00 LtGravel Drive, "Shoulder & Approach, CI II, LM"17+61 LtStone Drive (1"-2") (ACRC will add mat. after paving)17+61 LtStone Drive (1"-2") (ACRC will add mat. after paving)19+65 RtHMA Drive, "Pavt for Butt Joints, Rem"19+65 RtHMA Drive, "Pavt for Butt Joints, Rem"19+65 LtField Drive, "Shoulder & Approach, CI II, LM"21+99 RtHMA Drive, "Pavt for Butt Joints, Rem"19+65 LtField Drive, "Shoulder & Approach, CI II, LM"21+99 RtHMA Drive, "Pavt for Butt Joints, Rem"16'x6')#607922+44 RtHMA Drive, "Pavt for Butt Joints, Rem"10's6'3 LtHMA Drive, "Pavt for Butt Joints, Rem"23+80 RtMillings Drive, "Approach, HMA Millings, LM"26+80 Rt"Monument Box, Adj"	2+58 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
12+37 LtField Drive, "Shoulder & Approach, CI II, LM"13+32 RtGravel Drive, "Shoulder & Approach, CI II, LM"15+11 LtGravel Drive, "Shoulder & Approach, CI II, LM"15+11 LtGravel Drive, "Shoulder & Approach, CI II, LM"1605616+00 LtGravel Drive, "Shoulder & Approach, CI II, LM"17+61 LtStone Drive (1"-2") (ACRC will add mat. after paving)17+61 LtStone Drive (1"-2") (ACRC will add mat. after paving)19+65 RtHMA Drive, "Pavt for Butt Joints, Rem"19+65 RtHMA Drive, "Pavt for Butt Joints, Rem"21+99 RtHMA Drive, "Pavt for Butt Joints, Rem"21+63 LtHMA Drive, "Pavt for Butt Joints, Rem"23+63 LtHMA Drive, "Pavt for Butt Joints, Rem"23+60 RtMillings Drive, "Approach, HMA Millings, LM"26+80 Rt"Monument Box, Adj"	7+51 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6022
13+32 RtGravel Drive, "Shoulder & Approach, Cl II, LM"15+11 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#605616+00 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#605616+02 RtField Drive, "Shoulder & Approach, Cl II, LM"#606818+55 RtHMA Drive, "Pavt for Butt Joints, Rem"(12'x6')19+65 RtHMA Drive, "Pavt for Butt Joints, Rem"(22'x6')19+65 LtField Drive, "Shoulder & Approach, Cl II, LM"21+99 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')22+44 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')23+63 LtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')23+80 RtMillings Drive, "Approach, HMA Millings, LM"#607926+80 Rt"Monument Box, Adj"#6079	9+94 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
15+11 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#605616+00 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#605616+02 RtField Drive, "Shoulder & Approach, Cl II, LM"#606817+61 LtStone Drive (1"-2") (ACRC will add mat. after paving)#606818+55 RtHMA Drive, "Pavt for Butt Joints, Rem"(12'x6')19+65 RtHMA Drive, "Pavt for Butt Joints, Rem"(22'x6')19+65 LtField Drive, "Shoulder & Approach, Cl II, LM"21+99 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')22+44 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')23+63 LtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')23+80 RtMillings Drive, "Approach, HMA Millings, LM"#607926+80 LtInt. of 61st St, Match new HMA from LH 400042#6079	12+37 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
16+00 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#605616+02 RtField Drive, "Shoulder & Approach, Cl II, LM"#606817+61 LtStone Drive (1"-2") (ACRC will add mat. after paving)#606818+55 RtHMA Drive, "Pavt for Butt Joints, Rem"(12'x6')19+65 RtHMA Drive, "Pavt for Butt Joints, Rem"(22'x6')19+65 LtField Drive, "Shoulder & Approach, Cl II, LM"#607121+99 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')22+44 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')23+63 LtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')23+80 RtMillings Drive, "Approach, HMA Millings, LM"#607926+80 LtInt. of 61st St, Match new HMA from LH 400042#6079	13+32 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
16+02 RtField Drive, "Shoulder & Approach, Cl II, LM"17+61 LtStone Drive (1"-2") (ACRC will add mat. after paving)#606818+55 RtHMA Drive, "Pavt for Butt Joints, Rem"(12'x6')#607119+65 RtHMA Drive, "Pavt for Butt Joints, Rem"(22'x6')#607119+65 LtField Drive, "Shoulder & Approach, Cl II, LM"21+99 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')#607922+44 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')#607923+63 LtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')#607923+63 LtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')#607926+80 RtMillings Drive, "Approach, HMA Millings, LM"#607926+80 Rt"Monument Box, Adj""Monument Box, Adj"#00042#00042#00042	15+11 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6056
17+61 LtStone Drive (1"-2") (ACRC will add mat. after paving)#606818+55 RtHMA Drive, "Pavt for Butt Joints, Rem"(12'x6')#607119+65 RtHMA Drive, "Pavt for Butt Joints, Rem"(22'x6')#607119+65 LtField Drive, "Shoulder & Approach, CI II, LM"21+99 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')#607922+44 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')#607923+63 LtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')#609223+63 LtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')#607926+80 Rt"Monument Box, Adj"#6079	16+00 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6056
18+55 RtHMA Drive, "Pavt for Butt Joints, Rem"(12'x6')#607119+65 RtHMA Drive, "Pavt for Butt Joints, Rem"(22'x6')#607119+65 LtField Drive, "Shoulder & Approach, CI II, LM"#607921+99 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')#607922+44 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')#607923+63 LtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')#609223+80 RtMillings Drive, "Approach, HMA Millings, LM"#607926+80 Rt"Monument Box, Adj"#6074	16+02 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
19+65 RtHMA Drive, "Pavt for Butt Joints, Rem"(12'x6')#607119+65 LtField Drive, "Shoulder & Approach, CI II, LM"21+99 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')#607922+44 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')#607923+63 LtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')#609223+80 RtMillings Drive, "Approach, HMA Millings, LM"#607926+80 Rt"Monument Box, Adj"*********************************	17+61 Lt	Stone Drive (1"-2") (ACRC will add mat. after paving)		#6068
19+65 LtField Drive, "Shoulder & Approach, Cl II, LM"21+99 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')22+44 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')23+63 LtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')23+80 RtMillings Drive, "Approach, HMA Millings, LM"#607926+80 Rt"Monument Box, Adj""	18+55 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(12'x6')	#6071
21+99 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')#607922+44 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')#607923+63 LtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')#609223+80 RtMillings Drive, "Approach, HMA Millings, LM"#607926+80 LtInt. of 61st St, Match new HMA from LH 400042	19+65 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#6071
22+44 RtHMA Drive, "Pavt for Butt Joints, Rem"(16'x6')#607923+63 LtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')#609223+80 RtMillings Drive, "Approach, HMA Millings, LM"#607926+80 LtInt. of 61st St, Match new HMA from LH 400042#607926+80 Rt"Monument Box, Adj"#6079	19+65 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
23+63 LtHMA Drive, "Pavt for Butt Joints, Rem"(20'x6')#609223+80 RtMillings Drive, "Approach, HMA Millings, LM"#607926+80 LtInt. of 61st St, Match new HMA from LH 400042#607926+80 Rt"Monument Box, Adj"#6079	21+99 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#6079
23+80 RtMillings Drive, "Approach, HMA Millings, LM"#607926+80 LtInt. of 61st St, Match new HMA from LH 40004226+80 Rt26+80 Rt"Monument Box, Adj"	22+44 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#6079
26+80 LtInt. of 61st St, Match new HMA from LH 40004226+80 Rt"Monument Box, Adj"	23+63 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#6092
26+80 Rt "Monument Box, Adj"	23+80 Rt	Millings Drive, "Approach, HMA Millings, LM"		#6079
	26+80 Lt	Int. of 61 st St, Match new HMA from LH 400042		
27+63 Rt HMA Drive, "Pavt for Butt Joints, Rem" (18'x6') #6103	26+80 Rt	"Monument Box, Adj"		
	27+63 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#6103

<u>Station</u>	Description	Dimensions	House #
29+57 Rt	Millings Drive, "Approach, HMA Millings, LM"		#6109
34+04 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		#6143
35+55 Rt	HMA Drive, Feather Joint	Feather	#6143
36+07 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6147
36+61 Rt	Millings Drive, "Approach, HMA Millings, LM"		#6147
38+68 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
39+07 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6149
41+77	Begin Cul-de-sac, 22' wide paved road w/ gravel turnaround	(64' dia)	
42+90	POE, End Cul-de-sac		

13. <u>LH 400042 – LAKETOWN TOWNSHIP</u> – 141st Avenue, 60th Street to 61st Street, & 61st Street, 141st Avenue to 142nd Avenue – 1.01 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 October 29, 2021.

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.

SPECIAL PROVISIONS

FOR

13. <u>LH 400042 – LAKETOWN TOWNSHIP</u> – 141st Avenue, 60th Street to 61st Street, & 61st Street, 141st Avenue to 142nd Avenue – 1.01 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, LVSP, 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>	HMA Width	Shoulder Width
POB to POE	22'	2'-3' Rt & Lt

<u>Station</u>	Description	Dimensions	House #
0+00	Centerline of 60 th St (Reference)		
0+25	POB, "Pavt for Butt Joints, Rem"	(26'x18')	
2+96 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"	(/	
5+25 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6022
7+41 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#6028
8+95 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"	()	#6036
9+33 Lt	Concrete Drive, "Pavement Rem, Mod"	(14'x6')	#6036
12+44 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#6044
13+32 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6044
14+63 Rt	Concrete Drive, "Pavement Rem, Mod"	(18'x6')	#6055
15+13 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6054
15+21 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6055
15+76 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6075
18+02 Lt	Stone Drive (1") (ACRC will add mat. after paving)		#6070
18+41 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6075
26+95 Lt	Millings Drive, "Approach, HMA Millings, LM"		#4096 61 st St
27+00	"Monument Box, Adj"		
27+10	Begin 61 st St, continue paving North		
31+74 Lt	Concrete Drive, "Pavement Rem, Mod"	(20'x6')	#4110
36+20	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4136

<u>Station</u>	Description	<u>Dimensions</u>	House #
36+82 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
37+11 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4136
41+83 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
49+29 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
52+27	Millings Drive, "Approach, HMA Millings, LM"		#6104 142 nd Ave
53+45	POE, south edge of 142 nd Ave, Match New HMA		

LAKETOWN TOWNSHIP PROJECTS BID SCHEDULE:

12. LH 400041 – LAKETOWN TOWNSHIP – 142nd Avenue, 60th Street to Cul-de-sac – 0.81 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	1,250 Ton		
Monument Box, Adj	1 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	43 Sta		
Pavt for Butt Joints, Rem	150 Syd		
Pavt, Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	250 Cyd		
Approach, HMA Millings, LM	20 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	1,100 Ft		

13. <u>LH 400042 – LAKETOWN TOWNSHIP</u> – 141st Avenue, 60th Street to 61st Street, & 61st Street, 141st Avenue to 142nd Avenue – 1.01 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	1,550 Ton		
Monument Box, Adj	1 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	53 Sta		
Pavt for Butt Joints, Rem	100 Syd		
Pavt, Rem, Mod	30 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	350 Cyd		
Approach, HMA Millings, LM	15 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	6,600 Ft		

TOTAL OF BID – LAKETOWN TOWNSHIP

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14. LH 400052 – LEE TOWNSHIP – 103rd Avenue, 52nd Street to 50th Street – 0.89 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 October 29, 2021.

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.

SPECIAL PROVISIONS

FOR

14. LH 400052 – LEE TOWNSHIP – 103rd Avenue, 52nd Street to 50th Street – 0.89 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, LVSP, Mod surface course an average yield of 165lb/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>	HMA Width	Shoulder Width
POB to POE	22'	2'-3' Rt & Lt

<u>Station</u>	Description	<u>Dimensions</u>	House #
0+00	Centerline of 52 nd St (Reference)		
3+15	POB, "Pavt for Butt Joints, Rem"	(24'x18')	
15+45 Rt	Int. of 51 st St, "Pavt for Butt Joints, Rem"	(45'x18')	
15+45	"Monument Box, Adj"		
16+06 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(40'x6')	#299 51 st St
17+77 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
24+39 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5110
28+95 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
29+83 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5101
32+36 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5035
33+13 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5035
33+26 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5082
33+96 Rt	Concrete Drive, "Pavement Rem, Mod"	(10'x7')	#5082
34+04 Rt	Begin Guardrail		
36+27 Lt	Concrete Drive, "Pavement Rem, Mod"	(20'x8')	#5075
36+56 Rt	End Guardrail		
37+24 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5076
37+71 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5097
38+45 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5070
39+70 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5060
40+14 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5063

Station	<u>Description</u>	<u>Dimensions</u>	House #
40+71 Rt	Concrete Drive, "Pavement Rem, Mod"	(22'x6')	#5058
41+60 Rt	Concrete Drive, "Pavement Rem, Mod"	(30'x6')	#5058
41+60 Lt	Concrete Drive, "Pavement Rem, Mod"	(26'x4')	#5057
41+81	"Monument Box, Adj"		
42+95 Rt	Int. of Laurence Ave, "Pavt for Butt Joints, Rem"	(35'x15')	
43+37 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5046
43+64 Rt	Begin Guardrail		
44+15 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(26'x6')	#5047
44+53 Rt	End Guardrail		
46+45 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5023
47+90 Lt	Concrete Drive, "Pavement Rem, Mod"	(20'x8')	#5023
50+00	POE, "Pavt for Butt Joints, Rem"	(40'x18')	
50+55	Centerline of 50 th St (Reference)		

LEE TOWNSHIP PROJECTS BID SCHEDULE:

14. <u>LH 400052 – LEE TOWNSHIP</u> – 103 rd Avenue, 52 nd Street to 50 th Street – 0.89 miles			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	1,100 Ton		
Monument Box, Adj	2 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	47 Sta		
Pavt for Butt Joints, Rem	350 Syd		
Pavt, Rem, Mod	120 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	300 Cyd		
Approach, HMA Millings, LM	10 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	7,000 Ft		

TOTAL OF BID – LEE TOWNSHIP

\$_____

SIGNED: _____ DATE: _____

15. <u>LH 400058 – MANLIUS TOWNSHIP</u> – 56th Street, Fennville City Limits to 128th Avenue – 1.49 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 October 29, 2021.

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.

SPECIAL PROVISIONS

FOR

15. <u>LH 400058 – MANLIUS TOWNSHIP</u> – 56th Street, Fennville City Limits to 128th Avenue – 1.49 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>	HMA Width	Shoulder Width
POB to POE	26'	1'-2' Rt & Lt

<u>Station</u>	Description	Dimensions	House #
0+00 Lt	Centerline of Landsburg Rd (Reference)		
0+45	POB, "Pavt for Butt Joints, Rem"	(30'x18')	
1+31 Lt	Concrete Drive, "Pavement Rem, Mod"	(18'x6')	#2500
2+02 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#2509
2+89 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x7')	#2508
4+79 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
4+84 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
8+49 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
8+61 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2527
11+32 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#2547
12+16 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#2547
12+83 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(12'x6')	#2547
13+41 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2552
13+65 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2553
14+28 Lt	Concrete Drive, "Pavement Rem, Mod"	(22'x7')	#2554
14+85 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2553
15+09 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		#2554
15+87 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
16+99 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2558
18+26 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2565

<u>Station</u> 18+90 Rt	<u>Description</u> Gravel Drive, "Shoulder & Approach, Cl II, LM"	<u>Dimensions</u>	<u>House #</u> #2565
21+78 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2568
22+82 Rt	Concrete Drive, "Pavement Rem, Mod"	(18'x6')	#2569
23+31 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	
25+06 Rt	Concrete Drive, "Pavement Rem, Mod"	(16'x6')	#2597
26+26 Rt	Int. of 126 th Ave, "Pavt for Butt Joints, Rem"	(40'x18')	
26+26 Lt	Int. of 126 th Ave, Match New HMA	. ,	
26+26	"Monument Box, Adj"		
29+42 Rt	Concrete Drive, "Pavement Rem, Mod"	(18'x6')	#2615
29+86 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2612
31+53 Lt	Concrete Drive, "Pavement Rem, Mod"	(20'x10')	#2620
35+07 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2622
36+23 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
38+24 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#2647
39+30 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
39+72 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#2647
43+73 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
46+06 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2670
47+00 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(24'x6')	#2670
47+07 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
48+35 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x7')	#2682
49+18 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
49+37 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
53+17 Lt	"Monument Box, Adj"		
54+61 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(35'x6')	#2714
56+12 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#2703
62+27 Lt	Millings Drive, "Approach, HMA Millings, LM"		#2703
69+53 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2732
72+72 Lt	Millings Drive, "Approach, HMA Millings, LM"		
73+70 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#2772
79+32	Field Drive, "Shoulder & Approach, Cl II, LM"		
79+44	POE, south edge of 128 th Ave, Match New HMA		

16. LH 400059 – MANLIUS TOWNSHIP – 126th Avenue, 58th Street to 56th Street – 0.99 miles

BID AND AWARD

Date:

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before October 29, 2021.

SPECIAL PROVISIONS

FOR

16. LH 400059 – MANLIUS TOWNSHIP – 126th Avenue, 58th Street to 56th Street – 0.99 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>	HMA Width	Shoulder Width
POB to POE	26'	1'-2' Rt & Lt

<u>Station</u>	Description	Dimensions	House #
0+00	Mon Box @ 58 th St (Reference)		
0+52	POB, "Pavt for Butt Joints, Rem"	(28'x18')	
14+50 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
17+83 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#5731
18+55 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#5731
20+98 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
22+48 Lt	Concrete Drive, "Pavement Rem, Mod"	(16'x6')	#5715
23+32 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#5714
26+33 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
26+48	"Monument Box, Adj"		
27+87 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5694
31+94 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5693
42+06 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(24'x6')	#5646
42+28 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
44+31 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
45+28 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
46+75 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
49+29 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(24'x6')	#5610
52+94	POE, west edge of 26 th St, Match New HMA from LH 400058		

17. <u>LH 400060 – MANLIUS TOWNSHIP</u> – 128th Avenue, 56th Street, 130th Avenue, & 57th Street, 56th Street to 130th Avenue – 1.49 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 October 29, 2021.

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.

SPECIAL PROVISIONS

FOR

17. <u>LH 400060 – MANLIUS TOWNSHIP</u> – 128th Avenue, 56th Street, 130th Avenue, & 57th Street, 56th Street to 130th Avenue – 1.49 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>	HMA Width	Shoulder Width
POB to POE	26'	1'-2' Rt & Lt

<u>Station</u>	Description	Dimensions	House #
0+00	POB, 128 th Ave just east of 56 th St (south), "Pavt for Butt Joints. Rem"	(26'x18')	
0+41 Lt	Int. of 56 th St (south), Match New HMA		
0+45	"Monument Box, Adj"		
0+49 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5601
2+13 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
10+10 Lt	128 th Ave & 56 th St cutoff, Prep & Pave 30' HMA Approach		
10+10	Begin 56 th St, Continue Paving North		
10+79 Lt	56 th St & 128 th Ave cutoff, Prep & Pave 30' HMA Approach		
11+14 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#2806
12+15 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
14+15 Rt	Millings Drive, "Approach, HMA Millings, LM"		
16+67 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2826
16+69 Rt	Millings Drive, "Approach, HMA Millings, LM"		#2625
17+43 Rt	Millings Drive, "Approach, HMA Millings, LM"		#2625
26+40 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
27+34 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
30+62 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
32+33 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#2889
35+54 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		

Station	Description	<u>Dimensions</u>	House #
37+21 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2883
38+61 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#5623 Windy Rdg
40+90 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		Windy Ridge (Pvt)
42+04 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2923
44+63	"Monument Box, Adj"		
44+63	Begin 130 th Ave, Continue Paving West		
44+63 Rt	Int. of 56 th St (north), Match New HMA from LH 400061		
60+06	Begin 57 th St, Continue Paving North		
60+53 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
62+71 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
64+56	POE, just south of 130 th Ave (west), "Pavt for Butt Joints, Rem"	(26'x18')	
64+98	Mon Box @ 130 th Ave (Reference)		

18. <u>LH 400061 – MANLIUS TOWNSHIP</u> – 56th Street, 130th Avenue to Railroad Tracks – 0.35 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 October 29, 2021.

SPECIAL PROVISIONS

FOR

18. <u>LH 400061 – MANLIUS TOWNSHIP</u> – 56th Street, 130th Avenue to Railroad Tracks – 0.35 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>	HMA Width	Shoulder Width
POB to 3+76	30'	1' Rt & Lt
3+76 to POE	32'	1' Rt & Lt

<u>Station</u>	Description	Dimensions	House #
0+00	Mon Box @ 130 th Ave (Reference)		
0+14	POB, north edge of 130 th Ave, Match New HMA from LH 400060		
0+65 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2945
3+76 Rt	Begin HMA Valley Gutter		
5+64 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
5+17 Lt	Begin HMA Valley Gutter		
13+74 Lt	Concrete Drive, "Pavement Rem, Mod"	(18'x5')	#2966
15+20 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2969
18+21 Rt & Lt	End HMA Valley Gutter, Prep & Cover Existing Spillways		
18+60	POE, south side of RR Tracks, "Pavt for Butt Joints, Rem"	(34'x18')	
18+80	Center of RR Tracks (Reference)		

MANLIUS TOWNSHIP PROJECTS BID SCHEDULE:

15. <u>LH 400058 – MANLIUS TOWNSHIP</u> – 56th Street, Fennville City Limits to 128th Avenue – 1.49 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 4E1, Mod	2,700 Ton		
Monument Box, Adj	2 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	79 Sta		
Pavt for Butt Joints, Rem	350 Syd		
Pavement Rem, Mod	100 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	400 Cyd		
Approach, HMA Millings, LM	20 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	9,090 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	16,000 Ft		

16. <u>LH 400059 – MANLIUS TOWNSHIP</u> – 126th Avenue, 58th Street to 56th Street – 0.99 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 4E1, Mod	1,800 Ton		
Monument Box, Adj	1 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	53 Sta		
Pavt for Butt Joints, Rem	150 Syd		
Pavt, Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	250 Cyd		
Approach, HMA Millings, LM	10 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	10,500 Ft		

MANLIUS TOWNSHIP PROJECTS BID SCHEDULE (CON'T):

17. <u>LH 400060 – MANLIUS TOWNSHIP</u> – 128th Avenue, 56th Street, 130th Avenue, & 57th Street, 56th Street to 130th Avenue – 1.49 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 4E1, Mod	2,200 Ton		
Monument Box, Adj	2 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	65 Sta		
Pavt for Butt Joints, Rem	150 Syd		
Pavt, Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	325 Cyd		
Approach, HMA Millings, LM	20 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	9,800 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	12,900 Ft		

18. <u>LH 400061 – MANLIUS TOWNSHIP</u> – 56th Street, 130th Avenue to Railroad Tracks – 0.35 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, 4E1, Mod	675 Ton		
Monument Box, Adj	1 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	19 Sta		
Pavt for Butt Joints, Rem	75 Syd		
Pavt, Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	70 Cyd		
Approach, HMA Millings, LM	10 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	3,050 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	3,675 Ft		

MANLIUS TOWNSHIP PROJECTS BID SCHEDULE (CON'T):

TOTAL OF BID – MANLIUS TOWNSHIP	\$
SIGNED:	DATE:

19. LH 400053 – MARTIN TOWNSHIP – 120th Avenue, 8th Street to 6th Street – 1.02 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 October 29, 2021.

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.

SPECIAL PROVISIONS

FOR

19. LH 400053 – MARTIN TOWNSHIP – 120th Avenue, 8th Street to 6th Street – 1.02 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, LVSP, 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>	HMA Width	Shoulder Width
POB to 14+18	28'	1'-2' Rt & Lt
14+18 to 34+15	26'	1'-2' Rt & Lt
34+15 to POE	28'	1'-2' Rt & Lt

<u>Station</u>	Description	Dimensions	<u>House #</u>
0+00	POB, just west of 8 th St, "Pavt for Butt Joints, Rem"	(32'x18')	
0+19 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(12'x8')	#811
0+79	"Monument Box, Adj"		
0+79 Rt	Int. of 8 th St (south), "Pavt for Butt Joints, Rem"	(45'x15')	
11+46 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
11+71 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#757
11+80 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
12+49 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#757
14+08	"Monument Box, Adj"		
14+18 Lt	Int. of 7 th St (north), Cover Existing HMA Approach		
14+18	Begin 26' wide road after intersection		
15+27 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#748
16+95 Lt	Concrete Drive, "Pavement Rem, Mod"	(22'x10')	#737
17+55 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(50'x7')	Lake Drive W (Pvt)
17+57 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#731
19+57 Rt	Mill & Replace Existing HMA Valley Gutter,"Pavt for Butt Joints, Rem"	(75'x2')	
19+82 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#725
19+97 Rt	Concrete Drive, "Pavement Rem, Mod" (Pave VG through drive)	(45'x7')	#720
20+65 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#720

<u>Station</u>	Description	<u>Dimensions</u>	House #
21+43 Lt	Concrete Drive, "Pavement Rem, Mod"	(16'x8')	#713
22+20 Lt	Concrete Drive, "Pavement Rem, Mod"	(18'x8')	#709
24+96 Lt	Concrete Drive, "Pavement Rem, Mod"	(16'x6')	#699
27+25 Lt	Concrete Drive, "Pavement Rem, Mod"	(9'x15')	#669
31+76 Rt	Gravel Drive w/ HMA Approach, Cover Existing Approach		Boat Launch
33+07 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
33+95 Rt	HMA Millings Drive w/ HMA Approach, Cover Existing Approach		Lake Dr East (Pvt)
34+15	Begin Taper to 28' wide road		
34+40	Begin 28' wide road		
35+97 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#650
36+72 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
37+01 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#650
41+08 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
41+10 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#642
46+17 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#636
47+36 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
47+56 Rt	Millings Drive, "Approach, HMA Millings, LM"		#626
49+67 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x7')	#616
52+10 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#610
52+56 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#604
53+95	POE, west edge of 6 th St, Match New HMA from LH 400054		

20. LH 400054 – MARTIN TOWNSHIP – 6th Street, 119th Avenue to 120th Avenue – 0.27 mile

BID AND AWARD

Date:

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before October 29, 2021.

SPECIAL PROVISIONS

FOR

20. LH 400054 – MARTIN TOWNSHIP – 6th Street, 119th Avenue to 120th Avenue – 0.27 mile

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, LVSP, 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>	HMA Width	Shoulder Width
POB to POE	30'	1' Rt & Lt

<u>Station</u>	Description	Dimensions	House #
0+00	POB, Begin HMA paved road		
0+15	"Monument Box, Adj"		
1+03	"Monument Box, Adj"		
1+03 Rt	Int. of 119 th Ave (east), "Pavt for Butt Joints, Rem"	(50'x18')	
1+44 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
4+52 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
9+25 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1987
10+09 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1987
10+47 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
11+06 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
13+37	"Monument Box, Adj"		
13+37 Lt	Int. of 120 th Ave (west), "Pavt for Butt Joints, Rem"	(38'x15')	
13+52 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
14+16	POE, End HMA paved road		

MARTIN TOWNSHIP PROJECTS BID SCHEDULE:

19. <u>LH 400053 – MARTIN TOWNSHIP</u> – 120 th Avenue, 8 th Street to 6 th Street – 1.02 miles			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	1,900 Ton		
Monument Box, Adj	2 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	54 Sta		
Pavt for Butt Joints, Rem	270 Syd		
Pavt, Rem, Mod	130 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach Cl II, LM	300 Cyd		
Approach, HMA Millings, LM	10 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	8,000 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	11,000 Ft		

20. <u>LH 400054 – MARTIN TOWNSHIP</u> – 6th Street, 119th Avenue to 120th Avenue – 0.27 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	600 Ton		
Monument Box, Adj	3 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	14 Sta		
Pavt for Butt Joints, Rem	170 Syd		
Pavt, Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach Cl II, LM	70 Cyd		
Approach, HMA Millings, LM	10 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	500 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	3,000 Ft		

MARTIN TOWNSHIP PROJECTS BID SCHEDULE (CON'T):

TOTAL OF BID – MARTIN TOWNSHIP	\$
SIGNED:	DATE:

21. LH 400023 - MONTEREY TOWNSHIP - 132nd Avenue, 32nd Street to 30th Street - 1.02 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 October 29, 2021.

SPECIAL PROVISIONS

FOR

21. LH 400023 – MONTEREY TOWNSHIP – 132nd Avenue, 32nd Street to 30th Street – 1.02 miles

SCOPE OF THE WORK

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

Station	HMA Width	Shoulder Wie	<u>dth</u>
POB to POE *Valley Gutte	28' r Sections (Paved 11' lane & 5' Shoulder)	1'-2' Rt & Lt	
<u>Miscellaneou</u>	s Items of Work Quantity		
<u>Station</u>	Description	<u>Dimensions</u>	House #
0+00	POB, Begin HMA Paved Road just west of 32nd St		
0.00			

0+38	"Monument Box, Adj"			
0+45 Rt & Lt	Int. of 32 nd St, Cover Existing HMA Approaches			
1+55 Lt	Field Drive, "Shoulder & Approach, Cl II, LM			
8+36 Rt	Begin HMA Valley Gutter, 16' Wide Rt Lane			
8+84 Lt	HMA Drive, Feather Joint		#3167	
8+96 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3160	
9+80 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3160	
12+35 Rt	HMA Drive, Feather Joint		#3154	
13+56 Rt	End HMA Valley Gutter, Resume 14' Wide Rt Lane			
13+58 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"			
14+40 Lt	Field Drive, "Shoulder & Approach, Cl II, LM			
15+90 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#3145	
20+26 Lt	Field Drive, "Shoulder & Approach, Cl II, LM			
20+87 Rt	Field Drive, "Shoulder & Approach, Cl II, LM			
21+35 Lt	Millings Drive, "Approach, HMA Millings, LM"			
25+07 Rt	Field Drive, "Shoulder & Approach, Cl II, LM			
26+94 Lt	Field Drive, "Shoulder & Approach, Cl II, LM			
27+06 Rt	Int. of 31 st St, Cover Existing HMA Approach			
27+16	"Monument Box, Adj"			

<u>Station</u>	Description	Dimensions	House #
32+92 Lt	Field Drive, "Shoulder & Approach, Cl II, LM		
33+28 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3075
35+10 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3075
37+26 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3065
40+26 Rt	Field Drive, "Shoulder & Approach, Cl II, LM		
42+16 Rt	Millings Drive, "Approach, HMA Millings, LM"		#3048
43+00 Lt	Field Drive, "Shoulder & Approach, Cl II, LM		
43+11 Rt	Begin HMA Valley Gutter, 16' Wide Rt Lane		
43+76 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#3040
45+23 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#3027
45+46 Lt	Begin Guardrail		
45+47 Lt	Begin HMA Valley Gutter, 16' Wide Lt Lane		
45+49 Rt	Begin Guardrail		
47+40 Lt	HMA Spillway, Cover w/ HMA		
47+44 Rt	HMA Spillway, Cover w/ HMA		
49+02 Rt	End Guardrail		
49+09 Rt	End HMA Valley Gutter, Resume 14' Wide Rt Lane		
49+36 Lt	End Guardrail		
49+37 Lt	End HMA Valley Gutter, Resume 14' Wide Lt Lane		
50+16 Rt	Millings Drive, "Approach, HMA Millings, LM"		#3016
51+42 Rt	Field Drive, "Shoulder & Approach, Cl II, LM		
51+82 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(30'x6')	#3013
52+88 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
53+71	POE, "Pavt for Butt Joints, Rem"	(40'x18')	
53+96	Mon Box @ 30 th St (Reference)		

22. <u>LH 400024 – MONTEREY TOWNSHIP</u> – 34th Street, 130th Avenue to 132nd Avenue – 1.01 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 October 29, 2021.

SPECIAL PROVISIONS

FOR

22. <u>LH 400024 – MONTEREY TOWNSHIP</u> – 34th Street, 130th Avenue to 132nd Avenue – 1.01 miles

SCOPE OF THE WORK

The work will consist of conditioning the aggregates base and drives. Then place an HMA, LVSP, Mod leveling course with an average yield of 165 lb/syd, followed by a HMA, LVSP, Mod surface course with an average yield of 165 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:

Station	HMA Width	Shoulder Wig	<u>lth</u>
POB to POE *Valley Gutter S	28' Sections 16' lane (11' lane & 6' shoulders)	1'-2' Rt & Lt	
Miscellaneous I	tems of Work Quantity		
<u>Station</u>	Description	<u>Dimensions</u>	House #
0+00	Mon Box @ 130 th Ave (Reference)		
0+30	POB, "Pavt for Butt Joints, Rem", Begin Paving HMA Surface Course	(35'x15')	
0+55	Begin Paving HMA Leveling Course		
1+86 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
3+61 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
6+47 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		Sand Pit
8+75 Rt	Begin HMA Valley Gutter, 16' Wide Rt Lane, Prep & Pave Spillway		
9+29 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3095
12+70 Rt	End HMA Valley Gutter, Prep & Pave Spillway		
12+70 Rt	Resume 14' Wide Rt Lane		
13+06 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
13+55 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
15+48 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
17+93 Rt	Begin HMA Valley Gutter, 16' Wide Rt Lane, Prep & Pave Spillway		
18+30 Lt	Begin HMA Valley Gutter, 16' Wide Lt Lane, Prep & Pave Spillway		
20+58 Rt	Millings Drive, "Approach, HMA Millings, LM"		#3081
21+33 Lt	End HMA Valley Gutter, Prep & Pave Spillway		

Station	Description	<u>Dimensions</u>	House #
21+33 Lt	Resume 14' Wide Lt Lane		
21+50 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
22+24 Rt	End HMA Valley Gutter, Prep & Pave Spillway		
22+24 Rt	Resume 14' Wide Rt Lane		
26+40	"Monument Box, Adj" (Approx Location)		
27+18 Rt	Millings Drive, "Approach, HMA Millings, LM"		#3111
29+00 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
30+33 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3115
34+85 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3123
38+70 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3139
42+80 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3165
45+18 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
45+86 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3171
48+39 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3183
50+30 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3195
52+80	"Monument Box, Adj" (Approx Location)		
52+88 Rt & Lt	Int. of 132 nd Ave, Prep & Pave 30' HMA Approaches		
53+50	POE, End HMA Paving		

MONTEREY TOWNSHIP PROJECTS BID SCHEDULE:

21. <u>LH 400023 – MONTEREY TOWNSHIP</u> – 132nd Avenue, 32nd Street to 30th Street – 1.02 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	2,000 Ton		
Monument Box, Adj	2 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	54 Sta		
Pavt for Butt Joints, Rem	150 Syd		
Pavement Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	270 Cyd		
Approach, HMA Millings, LM	20 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	5,000 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	11,000 Ft		

22. <u>LH 400024 – MONTEREY TOWNSHIP</u> – 34th Street, 130th Avenue to 132nd Avenue – 1.01 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	3,000 Ton		
Monument Box, Adj	2 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	53 Sta		
Aggregate Base Conditioning	53 Sta		
Pavt for Butt Joints, Rem	70 Syd		
Pavement Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	450 Cyd		
Approach, HMA Millings, LM	20 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	6,000 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	10,600 Ft		

MONTEREY TOWNSHIP PROJECTS BID SCHEDULE (CON'T):

TOTAL OF BID – MONTEREY TOWNSHIP	\$
SIGNED:	DATE:

23. <u>LH 4013 – OTSEGO TOWNSHIP</u> – 110th Avenue, 15th Street to the Township Line, & 15th Street, 110th Avenue to 111th Avenue – 2.02 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 October 29, 2021.

SPECIAL PROVISIONS

FOR

23. <u>LH 4013 – OTSEGO TOWNSHIP</u> – 110th Avenue, 15th Street to the Township Line, & 15th Street, 110th Avenue to 111th Avenue – 2.02 miles

SCOPE OF THE WORK

110th Avenue

The work will consist of preparing the shoulders and existing surface. Then crush and shape the existing HMA a minimum of 6" deep. Then place an HMA, 4E1, Mod leveling course with an average yield of 165 lb/syd, followed by a HMA, 4E1, Mod surface course with an average yield of 165 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:

StationHMA WidthShoulder WidthPOB to POE22'4'-5' Rt & Lt*Valley Gutter Sections (Paved 11' lane & 5' Shoulder)4'-5' Rt & Lt

15th Street – (PULVERIZING & SHAPING ONLY, NO RESURFACING)

The work will consist of preparing the shoulders and adding Aggregate Surface Cse an average of 6" thick from **Sta. 12+00 to 14+50** prior to pulverizing. Then crush and shape the existing HMA a minimum of 6" deep (min. 9" where Aggregate Surface Cse is placed). Shape surface with a 2% crown and compact to minimum 95% density.

Miscellaneous Items of Work Quantity

110th Avenue

<u>Station</u>	Description	Dimensions	House #
0+00	Centerline of 15 th St (Reference)		
0+28	POB, "Pavt for Butt Joints, Rem"	(38'x15')	
0+48	Begin "HMA Base Crushing and Shaping"		
7+24 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
9+63 Lt	Field Drive, "Shoulder & Approach Cl II, LM"		
12+30 Rt	Begin Taper to 16' Wide Rt Lane		
12+80 Rt	Begin HMA Valley Gutter (16' Lane), Prep & Pave Spillway		
13+59 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1430
14+10 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1430

14455 Rt End HMA Valley Gutter 15405 Rt Resume 11' Wide Rt Lane 16455 Lt Begin Taper to 16' Wide Lt Lane 16455 LL Begin HMA Valley Gutter (16' Lane) 16455 LL Gravel Drive, "Shoulder & Approach, CI II, LM" #1425 17405 Rt Concrete Drive w/ Gravel Approach, CI II, LM" #1425 18410 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1426 19448 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1420 20468 LL Resume 11' Wide Lt Lane #1420 22405 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1414 23456 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1414 23456 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1414 23456 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1386 33423 LL Field Drive, "Shoulder & Approach, CI II, LM" #1386 33423 LT Field Drive, "Shoulder & Approach, CI II, LM" #1386 33423 LL Field Drive, "Shoulder & Approach, CI II, LM" #1380 44448 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1380 33423 LL Field Drive, "Shoulder & Approach,	Station	Description	Dimensions	House #
16+05 Lt Begin Taper to 16' Wide Lt Lane 16+55 Lt Begin HMA Valley Gutter (16' Lane) 16+80 Lt Gravel Drive, "Shoulder & Approach, CI II, LM" #1425 17+05 Rt Concrete Drive wid Gravel Approach, CI II, LM" #1426 17+93 Lt Gravel Drive, "Shoulder & Approach, CI II, LM" #1420 19+48 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1420 19+48 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1420 20+68 Lt Resume 11' Wide Lt Lane #1414 23+56 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1414 23+56 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1414 23+56 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1384 30+79 Rt Field Drive, "Shoulder & Approach, CI II, LM" #1386 33+23 Lt Field Drive, "Shoulder & Approach, CI II, LM" #1386 33+23 Lt Field Drive, "Shoulder & Approach, CI II, LM" #1386 44+48 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1380 48+26 Lt Field Drive, "Shoulder & Approach, CI II, LM" #1340 44+48 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1386 <td>14+55 Rt</td> <td>End HMA Valley Gutter</td> <td></td> <td></td>	14+55 Rt	End HMA Valley Gutter		
16+55 Lt Begin HMA Valley Gutter (16' Lane) #1425 16+80 Lt Gravel Drive, "Shoulder & Approach, CI II, LM" #1425 17+05 Rt Concrete Drive w/ Gravel Approach, CI II, LM" #1426 17+93 Lt Gravel Drive, "Shoulder & Approach, CI II, LM" #1426 18+10 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1420 19+48 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1420 20+68 Lt Resume 11' Wide Lt Lane #1420 22+05 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1410 23+56 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1410 29+76 Rt HMA Drive w/ Gravel Approach, CI II, LM" #1410 29+76 Rt HMA Drive w/ Gravel Approach, CI II, LM" #1386 33+23 Lt Field Drive, "Shoulder & Approach, CI II, LM" #1386 33+23 Lt Field Drive, "Shoulder & Approach, CI II, LM" #1340 44+48 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1340 44+48 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1340 44+48 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1340 48+26 Lt Field Drive, "Shoulder &	15+05 Rt	Resume 11' Wide Rt Lane		
16+80 Lt Gravel Drive, "Shoulder & Approach, CI II, LM" #1425 17+05 Rt Concrete Drive w/ Gravel Approach, Prep & Pave (14'x15') #1426 17+93 Lt Gravel Drive, "Shoulder & Approach, CI II, LM" #1425 18+10 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1420 19+48 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1420 20+18 Lt End HMA Valley Gutter, Prep & Pave Spillway #1410 20+68 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1410 24+65 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1410 25+67 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1410 26+68 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1410 27+67 Rt HMA Drive w/ Gravel Approach, Prep & Pave (16'x20') #1394 30+79 Rt Field Drive, "Shoulder & Approach, CI II, LM" #1386 33+23 Lt Field Drive, "Shoulder & Approach, CI II, LM" #1384 32+69 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1384 44+48 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1340 44+48 Rt Gravel Drive, "Shoulder & Approach, CI II, LM" #1380 48+26 Lt	16+05 Lt	Begin Taper to 16' Wide Lt Lane		
17+05 RtConcrete Drive w/ Gravel Approach, Prep & Pave(14'x15')#142617+93 LtGravel Drive, "Shoulder & Approach, CI II, LM"#142518+10 RtGravel Drive, "Shoulder & Approach, CI II, LM"#142019+48 RtGravel Drive, "Shoulder & Approach, CI II, LM"#142019+48 RtGravel Drive, "Shoulder & Approach, CI II, LM"#142020+68 LtResume 11' Wide Lt Lane#141422+05 RtGravel Drive, "Shoulder & Approach, CI II, LM"#141423+56 RtGravel Drive, "Shoulder & Approach, CI II, LM"#141026+60"Monument Box, Adj"#139429+76 RtHMA Drive w/ Gravel Approach, Prep & Pave(16'x20')30+79 RtField Drive, "Shoulder & Approach CI II, LM"#138633+23 LtField Drive, "Shoulder & Approach, CI II, LM"#138634+24 EtGravel Drive, "Shoulder & Approach, CI II, LM"#138440+30 RtGravel Drive, "Shoulder & Approach, CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach, CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach, CI II, LM"#128553+16 RtInt. of 13" St (south), Cover Existing HMA Approach#128559+22 LtGravel Drive, "Shoulder & Approach, CI II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, CI II, LM"#128561+95 LtMillings Drive, "Shoulder & Approach, CI II, LM"#128561+95 LtGravel Drive, "Shoulder & Approach, CI II, LM"#128561+95 LtGravel Drive, "Shoulder & Approach, CI II, LM"<	16+55 Lt	Begin HMA Valley Gutter (16' Lane)		
17+93 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#142518+10 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#142019+48 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#1420 1/220+18 LtEnd HMA Valley Gutter, Prep & Pave Spillway #142020+68 LtResume 11' Wide Lt Lane#141022+05 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#141023+56 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#141026+60"Monument Box, Adj"#139429+76 RtHMA Drive w/ Gravel Approach, Prep & Pave(16'x20')#139430+79 RtField Drive, "Shoulder & Approach, Cl II, LM"#1386312459 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#1386312459 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#138631421 KField Drive, "Shoulder & Approach, Cl II, LM"#135440+30 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#134044+48 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#133048+26 LtField Drive, "Shoulder & Approach, Cl II, LM"#134049+50 RtField Drive, "Shoulder & Approach, Cl II, LM"#128557+57 RtField Drive, "Shoulder & Approach, Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128566+50"Monument Box, Adj"#127564+45 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#122666+50<	16+80 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1425
18+10 RtGravel Drive, "Shoulder & Approach, CI II, LM"#142019+48 RtGravel Drive, "Shoulder & Approach, CI II, LM"#1420 1/220+18 LtEnd HMA Valley Gutter, Prep & Pave Spillway#142020+68 LtResume 11' Wide Lt Lane#141422+05 RtGravel Drive, "Shoulder & Approach, CI II, LM"#141423+56 RtGravel Drive, "Shoulder & Approach, CI II, LM"#141026+60"Monument Box, Adj"#139429+76 RtHMA Drive w/ Gravel Approach, Prep & Pave(16'x20')29+76 RtField Drive, "Shoulder & Approach, CI II, LM"#138630+79 RtField Drive, "Shoulder & Approach, CI II, LM"#138633+23 LtField Drive, "Shoulder & Approach, CI II, LM"#135440+30 RtGravel Drive, "Shoulder & Approach, CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach, CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach, CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach CI II, LM"#128559+21 The Drive, "Shoulder & Approach CI II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, CI II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, CI II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, CI II, LM"#128561+95 LtMillings Drive, "Approach, HMA Millings, LM"#128561+95 LtMillings Drive, "Shoulder & Approach, CI II, LM"#128561+95 LtGravel Drive, "Shoulder & Approach, CI II, LM"#128561+95 Lt <t< td=""><td>17+05 Rt</td><td>Concrete Drive w/ Gravel Approach, Prep & Pave</td><td>(14'x15')</td><td>#1426</td></t<>	17+05 Rt	Concrete Drive w/ Gravel Approach, Prep & Pave	(14'x15')	#1426
19+48 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#1420 1/220+18 LtEnd HMA Valley Gutter, Prep & Pave Spillway20+68 Lt22+05 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#141423+56 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#141029+76 RtHMA Drive w/ Gravel Approach, Prep & Pave(16'x20')29+76 RtHMA Drive w/ Gravel Approach, Prep & Pave(16'x20')30+79 RtField Drive, "Shoulder & Approach Cl II, LM"#138633+23 LtField Drive, "Shoulder & Approach Cl II, LM"#135440+30 RtGravel Drive, "Shoulder & Approach Cl II, LM"#135440+30 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#134044+48 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#133048+26 LtField Drive, "Shoulder & Approach Cl II, LM"#133048+26 LtField Drive, "Shoulder & Approach Cl II, LM"#132557+57 RtField Drive, "Shoulder & Approach Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128561+95 LtMillings Drive, "Approach, HMA Millings, LM"#128561+95 LtMillings Drive, "Shoulder & Approach, Cl II, LM"#128561+95 LtInt. of 12" St (north), Cover Existing HMA Approach66+5065+50"Monument Box, Adj"#122666+50"Monument Box, Adj"#122666+51	17+93 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1425
20+18 LtEnd HMA Valley Gutter, Prep & Pave Spillway20+68 LtResume 11' Wide Lt Lane22+05 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#141423+56 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#141026+60"Monument Box, Adj"#141029+76 RtHMA Drive w/ Gravel Approach, Prep & Pave(16'x20')30+79 RtField Drive, "Shoulder & Approach Cl II, LM"#138633+23 LtField Drive, "Shoulder & Approach Cl II, LM"#138633+23 LtField Drive, "Shoulder & Approach Cl II, LM"#135440+30 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#134044+48 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#133048+26 LtField Drive, "Shoulder & Approach, Cl II, LM"#133048+26 LtField Drive, "Shoulder & Approach Cl II, LM"#133048+27 LtField Drive, "Shoulder & Approach Cl II, LM"#132057+57 RtField Drive, "Shoulder & Approach Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128561+95 LtMillings Drive, "Shoulder & Approach, Cl II, LM"#128566+50"Monument Box, Adj"#127566+551 LtInt. of 12" St (north), Cover Existing HMA Approach#122666+551 LtInt. of 12" St (north), Cover Existing HMA Approach#122667+55 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, C	18+10 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1420
20+68 LtResume 11' Wide Lt Lane22+05 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#141423+56 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#141026+60"Monument Box, Adj"#141029+76 RtHMA Drive w/ Gravel Approach, Prep & Pave(16'x20')30+79 RtField Drive, "Shoulder & Approach Cl II, LM"#138633+23 LtField Drive, "Shoulder & Approach Cl II, LM"#138633+23 LtField Drive, "Shoulder & Approach Cl II, LM"#138440+30 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#135440+30 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#134044+48 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#133048+26 LtField Drive, "Shoulder & Approach, Cl II, LM"#133048+27 LtField Drive, "Shoulder & Approach, Cl II, LM"#133048+28 LtField Drive, "Shoulder & Approach, Cl II, LM"#128559+21 tried Drive, "Shoulder & Approach, Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128566+50"Monument Box, Adj"#127566+55 LtInt. of 12" St (north), Cover Existing HMA Approach#122666+55 LtInt. of 12" St (north), Cover Existing HMA Approach#122667+55 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+55 LtInt. of 12" St (north), Cover Ex	19+48 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1420 1/2
22+05 RtGravel Drive, "Shoulder & Approach, CI II, LM"#141423+56 RtGravel Drive, "Shoulder & Approach, CI II, LM"#141026+60"Monument Box, Adj"#139429+76 RtHMA Drive w/ Gravel Approach, Prep & Pave(16'x20')30+79 RtField Drive, "Shoulder & Approach CI II, LM"#138633+23 LtField Drive, "Shoulder & Approach CI II, LM"#138633+23 LtField Drive, "Shoulder & Approach CI II, LM"#138440+30 RtGravel Drive, "Shoulder & Approach, CI II, LM"#133044+48 RtGravel Drive, "Shoulder & Approach, CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach CI II, LM"#133053+10 RtInt. of 13th St (south), Cover Existing HMA Approach53+2153+11 Thonument Box, Adj"57+57 RtField Drive, "Shoulder & Approach, CI II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, CI II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, CI II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, CI II, LM"#128561+95 LtMillings Drive, "Approach, HMA Millings, LM"#128564+45 RtGravel Drive, "Shoulder & Approach, CI II, LM"#128564+51 CInt. of 12th St (north), Cover Existing HMA Approach#128564+52 LtInt. of 12th St (north), Cover Existing HMA Approach#128564+55 LtInt. of 12th St (north), Cover Existing HMA Approach#122670+52 LtGrave	20+18 Lt	End HMA Valley Gutter, Prep & Pave Spillway		
23+56 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#141026+60"Monument Box, Adj"29+76 RtHMA Drive w/ Gravel Approach, Prep & Pave(16'x20')#139430+79 RtField Drive, "Shoulder & Approach Cl II, LM"#138633+23 LtField Drive, "Shoulder & Approach Cl II, LM"#138633+23 LtField Drive, "Shoulder & Approach Cl II, LM"#138636+59 RtGravel Drive, "Shoulder & Approach Cl II, LM"#135440+30 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#133044+48 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#133048+26 LtField Drive, "Shoulder & Approach Cl II, LM"#133048+26 LtField Drive, "Shoulder & Approach Cl II, LM"#133053+10 RtInt. of 13th St (south), Cover Existing HMA Approach53+2153+21 "Monument Box, Adj"57+57 RtField Drive, "Shoulder & Approach Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128561+95 LtMillings Drive, "Shoulder & Approach, Cl II, LM"#128561+95 LtMillings Drive, "Shoulder & Approach, Cl II, LM"#128561+95 LtInt. of 12th St (north), Cover Existing HMA Approach#122670+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+52 LtGravel Drive, "Should	20+68 Lt	Resume 11' Wide Lt Lane		
26+60"Monument Box, Adj"29+76 RtHMA Drive w/ Gravel Approach, Prep & Pave(16'x20')#139430+79 RtField Drive, "Shoulder & Approach CI II, LM"#138632+69 RtGravel Drive, "Shoulder & Approach, CI II, LM"#138633+23 LtField Drive, "Shoulder & Approach, CI II, LM"#138436+59 RtGravel Drive, "Shoulder & Approach, CI II, LM"#135440+30 RtGravel Drive, "Shoulder & Approach, CI II, LM"#134044+48 RtGravel Drive, "Shoulder & Approach, CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach CI II, LM"#138653+21"Monument Box, Adj"57+5757+57 RtField Drive, "Shoulder & Approach, CI II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, CI II, LM"#128561+95 LtMillings Drive, "Approach, CI II, LM"#128561+95 LtMillings Drive, "Approach, CI II, LM"#128561+95 LtGravel Drive, "Shoulder & Approach, CI II, LM"#128561+95 LtInt. of 12 th St (north), Cover Existing HMA Approach#122667+52 LtGravel Drive, "Shoulder & Approach, CI II, LM"#122670+52 LtGrav	22+05 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1414
29+76 RtHMA Drive w/ Gravel Approach, Prep & Pave(16'x20')#139430+79 RtField Drive, "Shoulder & Approach CI II, LM"#138632+69 RtGravel Drive, "Shoulder & Approach, CI II, LM"#138633+23 LtField Drive, "Shoulder & Approach CI II, LM"#138436+59 RtGravel Drive, "Shoulder & Approach, CI II, LM"#135440+30 RtGravel Drive, "Shoulder & Approach, CI II, LM"#134044+48 RtGravel Drive, "Shoulder & Approach, CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach, CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach CI II, LM"#132559+21"Monument Box, Adj"57+57 Rt57+57 RtField Drive, "Shoulder & Approach, CI II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, CI II, LM"#128561+95 LtMillings Drive, "Approach, HMA Millings, LM"#128561+95 LtMillings Drive, "Approach, CI II, LM"#128566+50"Monument Box, Adj"#126566+51Int. of 12 th St (north), Cover Existing HMA Approach#122667+52 LtGravel Drive, "Shoulder & Approach, CI II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, CI II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, CI II, LM"#121276+07 RtGravel Drive, "Shoulder & Approach, CI II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, CI II, LM"#1207	23+56 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1410
30+79 RtField Drive, "Shoulder & Approach CI II, LM"#138632+69 RtGravel Drive, "Shoulder & Approach, CI II, LM"#138633+23 LtField Drive, "Shoulder & Approach, CI II, LM"#135436+59 RtGravel Drive, "Shoulder & Approach, CI II, LM"#135440+30 RtGravel Drive, "Shoulder & Approach, CI II, LM"#135440+30 RtGravel Drive, "Shoulder & Approach, CI II, LM"#134044+48 RtGravel Drive, "Shoulder & Approach, CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach CI II, LM"#133053+10 RtInt. of 13 th St (south), Cover Existing HMA Approach53+2153+21"Monument Box, Adj"57+57 Rt57+57 RtField Drive, "Shoulder & Approach, CI II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, CI II, LM"#128561+95 LtMillings Drive, "Approach, HMA Millings, LM"#128566+50"Monument Box, Adj"#122666+50"Monument Box, Adj"#122666+51 LtInt. of 12 th St (north), Cover Existing HMA Approach#122667+52 LtGravel Drive, "Shoulder & Approach, CI II, LM"#122670+52 LtGrav	26+60	"Monument Box, Adj"		
32+69 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#138633+23 LtField Drive, "Shoulder & Approach Cl II, LM"#135436+59 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#135440+30 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#134044+48 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#134044+48 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#133048+26 LtField Drive, "Shoulder & Approach Cl II, LM"#133048+26 LtField Drive, "Shoulder & Approach Cl II, LM"#133053+10 RtInt. of 13th St (south), Cover Existing HMA Approach53+2153+12 "Monument Box, Adj"T#128557+57 RtField Drive, "Shoulder & Approach Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128561+95 LtMillings Drive, "Approach, HMA Millings, LM"#128561+95 LtMillings Drive, "Shoulder & Approach, Cl II, LM"#128566+50"Monument Box, Adj"#122564+45 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#122666+51 Int. of 12th St (north), Cover Existing HMA Approach#122669+83 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+67	29+76 Rt	HMA Drive w/ Gravel Approach, Prep & Pave	(16'x20')	#1394
33+23 LtField Drive, "Shoulder & Approach CI II, LM"#135436+59 RtGravel Drive, "Shoulder & Approach, CI II, LM"#135440+30 RtGravel Drive, "Shoulder & Approach, CI II, LM"#134044+48 RtGravel Drive, "Shoulder & Approach, CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach CI II, LM"#133048+26 LtField Drive, "Shoulder & Approach CI II, LM"#133053+16 RtInt. of 13th St (south), Cover Existing HMA Approach#128553+21"Monument Box, Adj"#128557+57 RtField Drive, "Shoulder & Approach CI II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, CI II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, CI II, LM"#128561+95 LtMillings Drive, "Approach, HMA Millings, LM"#128564+45 RtGravel Drive, "Shoulder & Approach, CI II, LM"#126566+50"Monument Box, Adj"#126566+51 LtInt. of 12th St (north), Cover Existing HMA Approach#122667+52 LtGravel Drive, "Shoulder & Approach, CI II, LM"#122170+52 LtGravel Drive, "Shoulder & Approach, CI II, LM"#122176+07 RtGravel Drive, "Shoulder & Approach, CI II, LM"#122676+56 LtGravel Drive, "Shoulder & Approach, CI II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, CI II, LM"#120779+93End "HMA Base Crushing & Shaping"#1207	30+79 Rt	Field Drive, "Shoulder & Approach Cl II, LM"		
36+59 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#135440+30 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#134044+48 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#133048+26 LtField Drive, "Shoulder & Approach Cl II, LM"#133048+26 RtField Drive, "Shoulder & Approach Cl II, LM"#133048+26 RtField Drive, "Shoulder & Approach Cl II, LM"#133048+26 RtField Drive, "Shoulder & Approach Cl II, LM"#135153+16 RtInt. of 13th St (south), Cover Existing HMA Approach#128553+21"Monument Box, Adj"#128557+57 RtField Drive, "Shoulder & Approach, Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128561+95 LtMillings Drive, "Approach, HMA Millings, LM"#126566+50"Monument Box, Adj"#126566+51 LtInt. of 12th St (north), Cover Existing HMA Approach#122667+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#122173+82 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120779+93End "HMA Base Crushing & Shaping"#1207	32+69 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1386
40+30 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#134044+48 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#133048+26 LtField Drive, "Shoulder & Approach Cl II, LM"#133048+26 LtField Drive, "Shoulder & Approach Cl II, LM"#133049+50 RtField Drive, "Shoulder & Approach Cl II, LM"#134053+16 RtInt. of 13th St (south), Cover Existing HMA Approach#128553+21"Monument Box, Adj"#128557+57 RtField Drive, "Shoulder & Approach Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128561+95 LtMillings Drive, "Approach, HMA Millings, LM"#126566+50"Monument Box, Adj"#126566+50"Monument Box, Adj"#126566+51Int. of 12th St (north), Cover Existing HMA Approach#122669+83 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#121276+07 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#121276+07 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120779+93End "HMA Base Crushing & Shaping"#1207	33+23 Lt	Field Drive, "Shoulder & Approach Cl II, LM"		
44+48 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#133048+26 LtField Drive, "Shoulder & Approach Cl II, LM"#133049+50 RtField Drive, "Shoulder & Approach Cl II, LM"#133053+16 RtInt. of 13 th St (south), Cover Existing HMA Approach#133053+21"Monument Box, Adj"#128557+57 RtField Drive, "Shoulder & Approach Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128561+95 LtMillings Drive, "Shoulder & Approach, Cl II, LM"#128564+45 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#126566+50"Monument Box, Adj"#126566+55 LtInt. of 12 th St (north), Cover Existing HMA Approach#122669+83 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#121276+07 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#121078+82 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#121276+07 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120779+93End "HMA Base Crushing & Shaping"#1207	36+59 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1354
48+26 LtField Drive, "Shoulder & Approach Cl II, LM"49+50 RtField Drive, "Shoulder & Approach Cl II, LM"53+16 RtInt. of 13th St (south), Cover Existing HMA Approach53+21"Monument Box, Adj"57+57 RtField Drive, "Shoulder & Approach Cl II, LM"57+61 LtGravel Drive, "Shoulder & Approach, Cl II, LM"57+61 LtGravel Drive, "Shoulder & Approach, Cl II, LM"57+57 RtField Drive, "Shoulder & Approach, Cl II, LM"57+61 LtGravel Drive, "Shoulder & Approach, Cl II, LM"59+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"4128561+95 LtMillings Drive, "Approach, HMA Millings, LM"4126566+50"Monument Box, Adj"66+55 LtInt. of 12th St (north), Cover Existing HMA Approach69+83 RtGravel Drive, "Shoulder & Approach, Cl II, LM"4122670+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"73+82 RtGravel Drive, "Shoulder & Approach, Cl II, LM"74+07 RtGravel Drive, "Shoulder & Approach, Cl II, LM"76+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"79+93End "HMA Base Crushing & Shaping"	40+30 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1340
49+50 RtField Drive, "Shoulder & Approach CI II, LM"53+16 RtInt. of 13th St (south), Cover Existing HMA Approach53+21"Monument Box, Adj"57+57 RtField Drive, "Shoulder & Approach CI II, LM"57+61 LtGravel Drive, "Shoulder & Approach, CI II, LM"57+61 LtGravel Drive, "Shoulder & Approach, CI II, LM"59+22 LtGravel Drive, "Shoulder & Approach, CI II, LM"61+95 LtMillings Drive, "Approach, HMA Millings, LM"61+95 LtGravel Drive, "Shoulder & Approach, CI II, LM"66+50"Monument Box, Adj"66+55 LtInt. of 12th St (north), Cover Existing HMA Approach69+83 RtGravel Drive, "Shoulder & Approach, CI II, LM"70+52 LtGravel Drive, "Shoulder & Approach, CI II, LM"7122670+52 LtGravel Drive, "Shoulder & Approach, CI II, LM"7142070+54 RtGravel Drive, "Shoulder & Approach, CI II, LM"7142070+54 RtGravel Drive, "Shoulder & Approach, CI II, LM"70+55 LtGravel Drive, "Shoulder & Approach, CI II, LM"7142071440 RtGravel Drive, "Shoulder & Approach, CI II, LM"7140 RtGravel Drive, "Shoulder & Approach, CI II, LM"71403End "HMA Base Crushing & Shaping" </td <td>44+48 Rt</td> <td>Gravel Drive, "Shoulder & Approach, Cl II, LM"</td> <td></td> <td>#1330</td>	44+48 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1330
53+16 RtInt. of 13th St (south), Cover Existing HMA Approach53+21"Monument Box, Adj"57+57 RtField Drive, "Shoulder & Approach CI II, LM"57+61 LtGravel Drive, "Shoulder & Approach, CI II, LM"\$7+61 LtGravel Drive, "Shoulder & Approach, CI II, LM"\$7+61 LtGravel Drive, "Shoulder & Approach, CI II, LM"\$9+22 LtGravel Drive, "Shoulder & Approach, CI II, LM"\$61+95 LtMillings Drive, "Approach, HMA Millings, LM"\$61+95 LtGravel Drive, "Shoulder & Approach, CI II, LM"\$64+45 RtGravel Drive, "Shoulder & Approach, CI II, LM"\$66+50"Monument Box, Adj"\$66+55 LtInt. of 12th St (north), Cover Existing HMA Approach\$69+83 RtGravel Drive, "Shoulder & Approach, CI II, LM"\$70+52 LtGravel Drive, "Shoulder & Approach, CI II, LM"\$71+20 Tive, "Shoulder & Approach, CI II, LM"\$72+20 Tive, "Shoulder & Approach, CI II, LM"	48+26 Lt	Field Drive, "Shoulder & Approach Cl II, LM"		
53+21"Monument Box, Adj"57+57 RtField Drive, "Shoulder & Approach Cl II, LM"57+61 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128561+95 LtMillings Drive, "Approach, HMA Millings, LM"#127564+45 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#126566+50"Monument Box, Adj"66+55 LtInt. of 12th St (north), Cover Existing HMA Approach69+83 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#129173+82 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#121276+07 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120779+93End "HMA Base Crushing & Shaping"	49+50 Rt	Field Drive, "Shoulder & Approach Cl II, LM"		
57+57 RtField Drive, "Shoulder & Approach Cl II, LM"#128557+61 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128561+95 LtMillings Drive, "Approach, HMA Millings, LM"#127564+45 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#126566+50"Monument Box, Adj"#126566+55 LtInt. of 12th St (north), Cover Existing HMA Approach#122669+83 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#121273+82 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#121276+07 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120779+93End "HMA Base Crushing & Shaping"#1207	53+16 Rt	Int. of 13 th St (south), Cover Existing HMA Approach		
57+61 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128559+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128561+95 LtMillings Drive, "Approach, HMA Millings, LM"#127564+45 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#126566+50"Monument Box, Adj"#122666+55 LtInt. of 12 th St (north), Cover Existing HMA Approach#122669+83 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#129173+82 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#121276+07 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120779+93End "HMA Base Crushing & Shaping"#1207	53+21	"Monument Box, Adj"		
59+22 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#128561+95 LtMillings Drive, "Approach, HMA Millings, LM"#127564+45 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#126566+50"Monument Box, Adj"#126566+55 LtInt. of 12 th St (north), Cover Existing HMA Approach#122669+83 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#129173+82 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#121276+07 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120779+93End "HMA Base Crushing & Shaping"#1207	57+57 Rt	Field Drive, "Shoulder & Approach Cl II, LM"		
61+95 LtMillings Drive, "Approach, HMA Millings, LM"#127564+45 RtGravel Drive, "Shoulder & Approach, CI II, LM"#126566+50"Monument Box, Adj"*********************************	57+61 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1285
64+45 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#126566+50"Monument Box, Adj"*********************************	59+22 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1285
66+50"Monument Box, Adj"66+55LtInt. of 12th St (north), Cover Existing HMA Approach69+83RtGravel Drive, "Shoulder & Approach, Cl II, LM"70+52LtGravel Drive, "Shoulder & Approach, Cl II, LM"73+82RtGravel Drive, "Shoulder & Approach, Cl II, LM"73+82RtGravel Drive, "Shoulder & Approach, Cl II, LM"76+07RtGravel Drive, "Shoulder & Approach, Cl II, LM"76+56LtGravel Drive, "Shoulder & Approach, Cl II, LM"79+93End "HMA Base Crushing & Shaping"	61+95 Lt	Millings Drive, "Approach, HMA Millings, LM"		#1275
66+55 LtInt. of 12th St (north), Cover Existing HMA Approach69+83 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#129173+82 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#121276+07 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120779+93End "HMA Base Crushing & Shaping"#1207	64+45 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1265
69+83 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#122670+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#129173+82 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#121276+07 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120779+93End "HMA Base Crushing & Shaping"#1207	66+50	"Monument Box, Adj"		
70+52 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#129173+82 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#121276+07 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120779+93End "HMA Base Crushing & Shaping"#1207	66+55 Lt	Int. of 12 th St (north), Cover Existing HMA Approach		
73+82 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#121276+07 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120779+93End "HMA Base Crushing & Shaping"#1207	69+83 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1226
76+07 RtGravel Drive, "Shoulder & Approach, Cl II, LM"#120676+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120779+93End "HMA Base Crushing & Shaping"	70+52 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1291
76+56 LtGravel Drive, "Shoulder & Approach, Cl II, LM"#120779+93End "HMA Base Crushing & Shaping"	73+82 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1212
79+93 End "HMA Base Crushing & Shaping"	76+07 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1206
	76+56 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1207
80+05 POE, "Pavt for Butt Joints, Rem" (28'x12')	79+93	End "HMA Base Crushing & Shaping"		
	80+05	POE, "Pavt for Butt Joints, Rem"	(28'x12')	

15th Street

<u>Station</u>	Description	<u>Dimensions</u>	House #
0+00	Mon Box @ Int. of 110 th Ave (Reference)		
0+75	POB, Begin "HMA Base Crushing and Shaping"		
12+00	Begin placing of "Aggregate Surface Cse"		
13+17	Int. of 111 th Ave (West)		
14+50	End placing of "Aggregate Surface Cse"		
27+50	POE, End "HMA Base Crushing and Shaping"		

24. <u>LH 400038 – OTSEGO TOWNSHIP</u> – Zak Road, Alivia Drive, & Mia Street south of 103rd Avenue – 0.73 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 October 29, 2021.

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.

SPECIAL PROVISIONS

FOR

24. <u>LH 400038 – OTSEGO TOWNSHIP</u> – Zak Road, Alivia Drive, & Mia Street south of 103rd Avenue – 0.73 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, LVSP, Mod surface course an average yield of 220 lb/syd. Topsoil shoulders, restoration, and gravel approaches will then be placed from the POB to POE.

HMA Widths:

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

Miscellaneous Items of Work Quantity

Zak Road

Station	Description	Dimensions	House #
0+00	POB, South end of Zak Rd		
0+00 Rt & Lt	Begin Concrete C & G, "Pavt for Butt Joints, Rem"	(210'x6')	
0+00 Rt	Begin Cul-de-sac	(450 syd)	
0+32 Rt	Concrete Drive		
0+49 Lt	Int. of Mia Street, Match New HMA		
0+56	"Manhole, Adj"		
0+78	End cul-de-sac		
1+02 Lt	End Concrete Curb & Gutter		
1+02 Lt	Begin HMA Valley Gutter		
1+07 Rt	End Concrete Curb & Gutter		
1+07 Rt	Begin HMA Valley Gutter		
1+28 Lt	Concrete Drive		#232
1+38 Rt	Concrete Drive		#221
1+73 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	
2+02 Rt	Concrete Drive		#227
2+60	"Manhole, Adj"		
2+79 Lt	Concrete Drive		#238
2+88 Rt	Concrete Drive		#233
3+86 Rt	Concrete Drive		#239
4+01 Lt	Concrete Drive		#244

<u>Station</u> 4+68 Rt 4+74 Lt 5+95 Lt 6+11 Rt 6+38	Description Concrete Drive Concrete Drive Concrete Drive Concrete Drive "Manhole, Adj"	<u>Dimensions</u>	<u>House #</u> #245 #250 #256 #251
7+73 Rt & Lt	Begin Concrete C & G, "Pavt for Butt Joints, Rem"	(70'x6')	
8+11	"Manhole, Adj"		
8+18 Rt & Lt	Int. of Alivia Dr, Match New HMA		
8+61 Rt & Lt	End Concrete Curb & Gutter		#000
8+95 Lt	Concrete Drive		#266 #264
9+01 Rt	Concrete Drive		#261 #265
9+97 Rt	Concrete Drive	(12:20) 22	#265
10+58 Rt & Lt 10+63 Rt	Catch Basins, "Pavt for Butt Joints, Rem" Concrete Drive	(13'x9') x2	#260
10+03 Kt 10+82	"Manhole, Adj"		#269
10+82 Lt	Concrete Drive		#270
11+55 Lt	Concrete Drive		#270 #274
11+83 Rt	Concrete Drive		#273
12+34 Rt	Concrete Drive		#277
12+77 Lt	Concrete Drive		#278
13+61 Rt	Concrete Drive		#281
13+71 Lt	Concrete Drive		#282
14+12 Rt	Concrete Drive		#285
14+52	"Manhole, Adj"		
14+55 Lt	Concrete Drive		#286
15+02 Rt	Concrete Drive		#289
15+07 Lt	Concrete Drive		#290
15+72 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(15'x9') x2	
16+33 Rt	Concrete Drive		#293
16+45 Lt	Concrete Drive		#294
16+80 Rt	Concrete Drive		#297
17+12 Lt	Concrete Drive		#298
17+52 Rt & Lt	Begin Concrete C & G, (Milling included in POE Butt Joint)		
17+79	POE, "Pavt for Butt Joints, Rem"	(33'x30')	
18+02	Centerline of 103 rd Ave (Reference)		

<u>Alivia Drive</u>

0+00 POB, South end of Alivia Dr 0+00 Rt & Lt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (202'x6') 0+46 Lt Concrete Drive #1357 0+45 Lt Concrete Drive #1357 0+52 Rt Int. of Mia Street, Match New HMA **** 0+54 Manhole, Adj" **** **** 0+78 End cul-de-sac ***** 1+10 Rt & Lt End cul-de-sac #***** 1+10 Rt & Lt End cul-de-sac #************************************	<u>Station</u>	Description	Dimensions	House #
0+00 Lt Begin 1/2 circle Cul-de-sac (450 syd) 0+46 Lt Concrete Drive #1357 0+54 I'th of Mia Street, Match New HMA	0+00	POB, South end of Alivia Dr		
0+46 Lt Concrete Drive #1357 0+52 Rt Int. of Mia Street, Match New HMA	0+00 Rt & Lt	Begin Concrete C & G, "Pavt for Butt Joints, Rem"	(202'x6')	
0+52 Rt Int. of Mia Street, Match New HMA 0+54 "Manhole, Adj" 0+78 End cul-de-sac 1+10 Rt & Lt Begin HMA Valley Gutter 1+31 Rt Concrete Drive #1336 1+63 Lt Concrete Drive #1336 2+09 Rt & Lt Catch Basins, "Part for Butt Joints, Rem" (13'x9') x2 2+34 Rt Concrete Drive #1342 2+56 Lt Concrete Drive #1349 2+59 Rt Concrete Drive #1342 2+59 Rt Concrete Drive #1349 2+99 "Manhole, Adj" #1324 2+54 Lt Concrete Drive #1345 3+59 Rt Concrete Drive #1324 4+75 Rt Concrete Drive #1324 4+75 Rt Concrete Drive #1324 4+75 Rt Concrete Drive #1324 5+35 Rt & Lt Catch Basins, "Pavt for Butt Joints, Rem" (13'x9') x2 6+12 Lt Concrete Drive #1320 7+48 Lt Concrete Drive #1324 8+36 Lt Concrete C	0+00 Lt	Begin 1/2 circle Cul-de-sac	(450 syd)	
0+54 "Manhole, Adj" 0+78 End cul-de-sac 1+10 Rt & Lt End Concrete Curb & Gutter 1+10 Rt & Lt Begin HMA Valley Gutter 1+110 Rt & Lt Begin HMA Valley Gutter 1+31 Rt Concrete Drive #1336 1+63 Lt Concrete Drive #1353 2+09 Rt & Lt Catch Basins, "Pavt for Butt Joints, Rem" (13'x9') x2 2+34 Rt Concrete Drive #1349 2+59 Rt Concrete Drive #1328 3+58 Rt Concrete Drive #1328 3+58 Rt Concrete Drive #1324 4+75 Rt Concrete Drive #1324 4+38 Lt Concrete Drive #1324 5+39 "Manhole, Adj" #1324 4+38 Lt Concrete Drive #1324 5+39 "Manhole, Adj" #1321 6+31 Rt Concrete Drive #1333 6+34 Rt Concrete Drive #1333 8+34 Lt Concrete Drive #1321 7+48 Lt Concrete Drive #1325	0+46 Lt	Concrete Drive		#1357
0+78 End cul-de-sac 1+10 Rt & Lt End Concrete Curb & Gutter 1+10 Rt & Lt Begin HMA Valley Gutter 1+31 Rt Concrete Drive #1336 1+63 Lt Concrete Drive #1353 2+09 Rt & Lt Catch Basins, "Pavt for Butt Joints, Rem" (13'x9') x2 2+34 Rt Concrete Drive #1332 2+56 Lt Concrete Drive #1349 2+99 "Manhole, Adj" #1328 2+36 Rt Concrete Drive #1328 2+56 Lt Concrete Drive #1324 2+99 "Manhole, Adj" #1324 2+99 "Manhole, Adj" #1324 3+63 Lt Concrete Drive #1324 4+75 Rt Concrete Drive #1324 4+98 Lt Concrete Drive #1324 5+37 Rt & Lt Catch Basins, "Pavt for Butt Joints, Rem" (13'x9') x2 6+12 Lt Concrete Drive #1337 6+34 Lt Concrete Drive #1329 8+34 Lt Concrete Drive #1329 8+36 Rt	0+52 Rt	Int. of Mia Street, Match New HMA		
1+10 Rt & Lt Begin HMA Valley Gutter 1+10 Rt & Lt Begin HMA Valley Gutter 1+31 Rt Concrete Drive #1336 1+63 Lt Concrete Drive #1353 2+09 Rt & Lt Catch Basins, "Pavt for Butt Joints, Rem" (13'x9') x2 2+34 Rt Concrete Drive #1349 2+56 Lt Concrete Drive #1349 2+56 Rt Concrete Drive #1349 2+99 "Manhole, Adj" #1328 3+58 Rt Concrete Drive #1345 3+63 Lt Concrete Drive #1345 4+75 Rt Concrete Drive #1345 4+75 Rt Concrete Drive #1345 4+98 Lt Concrete Drive #1347 5+55 Rt & Lt Concrete Drive #1337 6+12 Lt Concrete Drive #1337 6+31 Rt Concrete Drive #1333 6+34 Lt Concrete Drive #1337 6+34 Lt Concrete Drive #1330 8+34 Lt Concrete Drive #1321 9+66 Lt Concrete Drive #1321 9+74 Rt Concrete Driv	0+54	"Manhole, Adj"		
1+10 Rt & Lt Begin HMA Valley Gutter #1336 1+31 Rt Concrete Drive #1336 1+63 Lt Concrete Drive #1353 2+09 Rt & Lt Catch Basins, "Pavt for Butt Joints, Rem" (13'x9') x2 2+34 Rt Concrete Drive #1332 2+56 Lt Concrete Drive #1349 2+99 "Manhole, Adj" #1328 3+53 Rt Concrete Drive #1328 3+63 Lt Concrete Drive #1324 4+75 Rt Concrete Drive #1324 4+98 Lt Concrete Drive #1324 5+35 Rt & Lt Concrete Drive #1324 5+39 "Manhole, Adj" #1324 5+39 "Manhole, Adj" #1324 6+12 Lt Concrete Drive #1321 6+12 Lt Concrete Drive #1333 6+31 Rt Concrete Drive #1333 8+34 Lt Concrete Drive #1329 8+66 Rt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (15'x9') 8+78 "Manhole, Adj" #1325 9+08 Rt Concrete Drive #1312 <td>0+78</td> <td>End cul-de-sac</td> <td></td> <td></td>	0+78	End cul-de-sac		
1+31 Rt Concrete Drive #1336 1+63 Lt Concrete Drive #1353 2+09 Rt & Lt Catch Basins, "Pavt for Butt Joints, Rem" (13'x9') x2 2+34 Rt Concrete Drive #1332 2+56 Lt Concrete Drive #1349 2+99 "Manhole, Adj" #1345 3+55 Rt Concrete Drive #1345 3+53 Lt Concrete Drive #1324 4+98 Lt Concrete Drive #1345 5+57 Rt Concrete Drive #1341 5+39 "Manhole, Adj" #1320 6+12 Lt Concrete Drive #1333 6+31 Rt Concrete Drive #1320 7+48 Lt Concrete Drive #1329 8+56 Rt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (52'x6') 8+68 Lt Concrete Drive #1312 <t< td=""><td>1+10 Rt & Lt</td><td>End Concrete Curb & Gutter</td><td></td><td></td></t<>	1+10 Rt & Lt	End Concrete Curb & Gutter		
1+63 LtConcrete Drive#13532+09 Rt & LtCatch Basins, "Pavt for Butt Joints, Rem"(13'x9') x22+34 RtConcrete Drive#13322+56 LtConcrete Drive#13492+99"Manhole, Adj"#13283+53 RtConcrete Drive#13283+63 LtConcrete Drive#13454+75 RtConcrete Drive#13414+75 RtConcrete Drive#13415+39"Manhole, Adj"#13215+39"Manhole, Adj"#13206+12 LtConcrete Drive#13376+31 RtConcrete Drive#13336+34 LtConcrete Drive#13338+34 LtConcrete Drive#13338+34 LtConcrete Drive#13298+56 RtBegin Concret C & G, "Pavt for Butt Joints, Rem"(52'x6')8+66 LtCatch Basin, "Pavt for Butt Joints, Rem"(52'x6')8+78Manhole, Adj"#13259+08 RtEnd Concrete Curb & Gutter#13219+74 RtConcrete Drive#131610+67 RtConcrete Drive#131610+67 RtConcrete Drive#131610+66 LtConcrete Drive#131610+66 LtConcrete Drive#131312+72 LtConcrete Drive#131610+66 LtConcrete Drive#131312+72 RtConcrete Drive#131312+72 RtConcrete Drive#131312+72 RtConcrete Drive#131312+73 RtConcrete Drive#1313 <tr< td=""><td>1+10 Rt & Lt</td><td>Begin HMA Valley Gutter</td><td></td><td></td></tr<>	1+10 Rt & Lt	Begin HMA Valley Gutter		
2+09 Rt & LtCatch Basins, "Pavt for Butt Joints, Rem"(13'y') x22+34 RtConcrete Drive#13322+56 LtConcrete Drive#13492+99"Manhole, Adj"#13283+59 RtConcrete Drive#13283+63 LtConcrete Drive#13454+75 RtConcrete Drive#13414+75 RtConcrete Drive#13415+39"Manhole, Adj"#13215+39"Manhole, Adj"#13376+12 LtConcrete Drive#13376+31 RtConcrete Drive#13376+31 RtConcrete Drive#13338+34 LtConcrete Drive#13338+34 LtConcrete Drive#13298+56 RtBegin Concret C & G, "Pavt for Butt Joints, Rem"(52'x6')8+66 LtCatch Basin, "Pavt for Butt Joints, Rem"(15'x9')8+78 MtConcrete Drive#13269+08 RtEnd Concrete Curb & Gutter#13219+74 RtConcrete Drive#131610+65 RtConcrete Drive#131610+66 LtConcrete Drive#131610+66 LtConcrete Drive#131610+65 RtConcrete Drive#131611+55 LtConcrete Drive#131312+12 LtConcrete Drive#131312+74 RtConcrete Drive#131610+66 LtConcrete Drive#131312+71 LtConcrete Drive#131611+55 LtConcrete Drive#131611+55 LtConcrete Drive#266 Zak Rd <td>1+31 Rt</td> <td>Concrete Drive</td> <td></td> <td>#1336</td>	1+31 Rt	Concrete Drive		#1336
2+34 Rt Concrete Drive #1332 2+56 Lt Concrete Drive #1349 2+99 "Manhole, Adj" #1328 3+59 Rt Concrete Drive #1328 3+63 Lt Concrete Drive #1345 4+75 Rt Concrete Drive #1324 4+75 Rt Concrete Drive #1324 4+99 Lt Concrete Drive #1324 5+39 "Manhole, Adj" #1324 5+39 "Manhole, Adj" #1324 5+39 "Manhole, Adj" #1341 5+39 "Manhole, Adj" #1337 6+12 Lt Concrete Drive #1320 6+31 Rt Concrete Drive #1320 7+48 Lt Concrete Drive #1320 7+48 Lt Concrete Drive #1320 8+34 Lt Concrete Drive #1320 8+34 Lt Concrete Drive #1320 8+66 Lt Catch Basin, "Pavt for Butt Joints, Rem" (15'x9') 8+76 Manhole, Adj" #1325 9+08 Rt End Conc	1+63 Lt	Concrete Drive		#1353
2+56 LtConcrete Drive#13492+99"Manhole, Adj"#13283+59 RtConcrete Drive#13283+63 LtConcrete Drive#13454+75 RtConcrete Drive#13244+98 LtConcrete Drive#13415+39"Manhole, Adj"#13415+39"Manhole, Adj"#13415+55 Rt & LtCatch Basins, "Pavt for Butt Joints, Rem"(13'x9') x26+12 LtConcrete Drive#13376+31 RtConcrete Drive#13207+48 LtConcrete Drive#13338+34 LtConcrete Drive#13298+66 LtBegin Concrete C & G, "Pavt for Butt Joints, Rem"(15'x9')8+66 LtCatch Basin, "Pavt for Butt Joints, Rem"(15'x9')8+78"Manhole, Adj"#13259+08 RtEnd Concrete Curb & Gutter#13219+74 RtConcrete Drive#13219+74 RtConcrete Drive#131610+65 LtConcrete Drive#131610+65 LtConcrete Drive#131711+51"Manhole, Adj"#131711+55 LtConcrete Drive#131711+55 LtConcrete Drive#131312+12 LtConcrete Drive#131312+12 LtConcrete Drive#131613+19 Rt & LtBegin Concrete C& G, "Pavt for Butt Joints, Rem(150'x6')14+55 LtGoncrete Drive#131615+57 RtConcrete Drive#131616+57 RtConcrete Drive#131711+55 Lt <t< td=""><td>2+09 Rt & Lt</td><td>Catch Basins, "Pavt for Butt Joints, Rem"</td><td>(13'x9') x2</td><td></td></t<>	2+09 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	
2+99 "Manhole, Adj" 3+59 Rt Concrete Drive #1328 3+63 Lt Concrete Drive #1345 3+63 Lt Concrete Drive #1324 4+75 Rt Concrete Drive #1324 4+98 Lt Concrete Drive #1324 5+39 "Manhole, Adj" #1341 5+39 "Manhole, Adj" #1337 6+12 Lt Concrete Drive #1337 6+31 Rt Concrete Drive #1333 6+31 Rt Concrete Drive #1333 8+34 Lt Concrete Drive #1329 8+34 Lt Concrete Drive #1329 8+66 Lt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (15'x6') 8+66 Lt Catch Basin, "Pavt for Butt Joints, Rem" (15'x9') 8+78 "Manhole, Adj" #1325 9+88 Lt Concrete Drive #1321 9+74 Rt Concrete Drive #1326 9+74 Rt Concrete Drive #1316 10+57 Rt Concrete Drive #1312 10+66 Lt Concrete Drive #1312 11+55 Lt Co	2+34 Rt	Concrete Drive		#1332
3+59 Rt Concrete Drive #1328 3+63 Lt Concrete Drive #1345 4+75 Rt Concrete Drive #1324 4+98 Lt Concrete Drive #1341 5+39 "Manhole, Adj" (13'x9') x2 6+12 Lt Catch Basins, "Pavt for Butt Joints, Rem" (13'x9') x2 6+12 Lt Concrete Drive #1337 6+31 Rt Concrete Drive #1320 7+48 Lt Concrete Drive #1329 8+34 Lt Concrete Drive #1329 8+56 Rt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (52'x6') 8+66 Lt Catch Basin, "Pavt for Butt Joints, Rem" (15'x9') 8+78 "Manhole, Adj"	2+56 Lt	Concrete Drive		#1349
3+63 LtConcrete Drive#13454+75 RtConcrete Drive#13244+98 LtConcrete Drive#13415+39"Manhole, Adj"*********************************	2+99	"Manhole, Adj"		
4475 Rt Concrete Drive #1324 4498 Lt Concrete Drive #1341 5+39 "Manhole, Adj" 1341 5+55 Rt & Lt Catch Basins, "Pavt for Butt Joints, Rem" (13'x9') x2 6+12 Lt Concrete Drive #1337 6+31 Rt Concrete Drive #1320 7+48 Lt Concrete Drive #1333 8+34 Lt Concrete Drive #1329 8+56 Rt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (52'x6') 8+66 Lt Catch Basin, "Pavt for Butt Joints, Rem" (15'x9') 8+78 "Manhole, Adj" #1325 9+08 Rt End Concrete Curb & Gutter #1321 9+37 Lt Concrete Drive #1321 9+74 Rt Concrete Drive & Gutter #1321 9+74 Rt Concrete Drive & Mitalie #1316 10+65 Lt Concrete Drive #1317 11+51 "Manhole, Adj" #1317 11+55 Lt Concrete Drive #1316 11+55 Lt Concrete Drive #1317 11+55 Lt Concrete Drive #1316 12+79 Rt	3+59 Rt	Concrete Drive		#1328
4+98 LtConcrete Drive#13415+39"Manhole, Adj"13'x9') x25+55 Rt & LtCatch Basins, "Pavt for Butt Joints, Rem"(13'x9') x26+12 LtConcrete Drive#13376+31 RtConcrete Drive#13207+48 LtConcrete Drive#13338+34 LtConcrete Drive#13298+56 RtBegin Concrete C & G, "Pavt for Butt Joints, Rem"(52'x6')8+66 LtCatch Basin, "Pavt for Butt Joints, Rem"(15'x9')8+78"Manhole, Adj"#13259+08 RtEnd Concrete Curb & Gutter#13219+37 LtConcrete Drive#131610+57 RtConcrete Drive#131711+51"Manhole, Adj"#131211+55 LtConcrete Drive#131711+55 LtConcrete Drive#131312+12 LtConcrete Drive#131312+79 RtGoncrete Drive#131613+19 Rt & LtBegin Concrete C & G, "Pavt for Butt Joints, Rem"(150'x6')	3+63 Lt	Concrete Drive		#1345
5+39 "Manhole, Adj" 5+55 Rt & Lt Catch Basins, "Pavt for Butt Joints, Rem" (13'x9') x2 6+12 Lt Concrete Drive #1337 6+31 Rt Concrete Drive #1320 7+48 Lt Concrete Drive #1333 8+34 Lt Concrete Drive #1329 8+34 Lt Concrete Drive #1329 8+34 Lt Goncrete Drive #1329 8+66 Rt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (52'x6') 8+66 Lt Catch Basin, "Pavt for Butt Joints, Rem" (15'x9') 8+78 "Manhole, Adj" #1325 8+88 Lt Concrete Drive #1325 9+08 Rt End Concrete Curb & Gutter #1321 9+37 Lt Concrete Drive #1316 10+57 Rt Concrete Drive #1312 10+66 Lt Concrete Drive #1317 11+51 "Manhole, Adj" #1313 11+55 Lt Concrete Drive #1313 12+12 Lt Concrete Drive #1316 12+79 Rt Concrete Drive	4+75 Rt	Concrete Drive		#1324
5+55 Rt & Lt Catch Basins, "Pavt for Butt Joints, Rem" (13'x9') x2 6+12 Lt Concrete Drive #1337 6+31 Rt Concrete Drive #1320 7+48 Lt Concrete Drive #1333 8+34 Lt Concrete Drive #1329 8+56 Rt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (52'x6') 8+66 Lt Catch Basin, "Pavt for Butt Joints, Rem" (15'x9') 8+78 "Manhole, Adj" #1325 9+08 Rt End Concrete Curb & Gutter #1321 9+37 Lt Concrete Drive #1321 9+74 Rt Concrete Drive #1321 9+74 Rt Concrete Drive #1316 10+57 Rt Concrete Drive #1312 10+66 Lt Concrete Drive #1312 11+51 "Manhole, Adj" #1317 11+55 Lt Concrete Drive #1313 12+12 Lt Concrete Drive #1313 12+12 Lt Concrete Drive #1306 12+79 Rt Concrete Drive #1306 13+19 Rt & Lt	4+98 Lt	Concrete Drive		#1341
6+12 Lt Concrete Drive #1337 6+31 Rt Concrete Drive #1320 7+48 Lt Concrete Drive #1333 8+34 Lt Concrete Drive #1329 8+56 Rt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (52'x6') 8+66 Lt Catch Basin, "Pavt for Butt Joints, Rem" (15'x9') 8+78 "Manhole, Adj" #1325 9+08 Rt End Concrete Curb & Gutter #1321 9+37 Lt Concrete Drive #1316 10+57 Rt Concrete Drive #1317 11+51 "Manhole, Adj" #1317 11+55 Lt Concrete Drive #1317 11+55 Lt Concrete Drive #1313 12+12 Lt Concrete Drive #1313 12+17 Rt Concrete Drive #1313 12+17 Rt Concrete Drive #1313 12+12 Lt Concrete Drive #1306 13+19 Rt & Lt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (150'x6')	5+39	"Manhole, Adj"		
6+31 RtConcrete Drive#13207+48 LtConcrete Drive#13338+34 LtConcrete Drive#13298+56 RtBegin Concrete C & G, "Pavt for Butt Joints, Rem"(52'x6')8+66 LtCatch Basin, "Pavt for Butt Joints, Rem"(15'x9')8+78"Manhole, Adj"#13258+88 LtConcrete Drive#13259+08 RtEnd Concrete Curb & Gutter#13219+37 LtConcrete Drive#131610+57 RtConcrete Drive#131610+66 LtConcrete Drive#131711+51"Manhole, Adj"#131711+55 LtConcrete Drive#131312+12 LtConcrete Drive#131312+79 RtConcrete Drive#131613+19 Rt & LtBegin Concrete C & G, "Pavt for Butt Joints, Rem"(150'x6')	5+55 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	
7+48 Lt Concrete Drive #1333 8+34 Lt Concrete Drive #1329 8+56 Rt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (52'x6') 8+66 Lt Catch Basin, "Pavt for Butt Joints, Rem" (15'x9') 8+66 Lt Catch Basin, "Pavt for Butt Joints, Rem" (15'x9') 8+78 "Manhole, Adj" #1325 8+88 Lt Concrete Drive #1325 9+08 Rt End Concrete Curb & Gutter #1321 9+37 Lt Concrete Drive #1316 10+57 Rt Concrete Drive #1312 10+66 Lt Concrete Drive #1317 11+51 "Manhole, Adj" #1317 11+51 Concrete Drive #1313 12+79 Rt Concrete Drive #1316 12+79 Rt Concrete Drive #1316 12+79 Rt Concrete Drive #1316 13+19 Rt & Lt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (150'x6')	6+12 Lt	Concrete Drive		#1337
8+34 Lt Concrete Drive #1329 8+56 Rt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (52'x6') 8+66 Lt Catch Basin, "Pavt for Butt Joints, Rem" (15'x9') 8+78 "Manhole, Adj" #1325 8+88 Lt Concrete Drive #1325 9+08 Rt End Concrete Curb & Gutter #1321 9+37 Lt Concrete Drive #1316 10+57 Rt Concrete Drive #1316 10+57 Rt Concrete Drive #1317 11+51 Concrete Drive #1313 12+12 Lt Concrete Drive #1313 12+79 Rt Concrete Drive #1316 12+79 Rt Goncrete Drive #1313 12+79 Rt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (150'x6')	6+31 Rt	Concrete Drive		#1320
8+56 Rt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (52'x6') 8+66 Lt Catch Basin, "Pavt for Butt Joints, Rem" (15'x9') 8+78 "Manhole, Adj" (15'x9') 8+78 "Manhole, Adj" #1325 9+88 Lt Concrete Drive #1325 9+08 Rt End Concrete Curb & Gutter #1321 9+37 Lt Concrete Drive #1316 10+57 Rt Concrete Drive #1312 10+66 Lt Concrete Drive #1317 11+51 Concrete Drive #1313 12+12 Lt Concrete Drive #1313 12+79 Rt Concrete Drive #1316 13+19 Rt & L Begin Concrete C & G, "Pavt for Butt Joints, Rem" (150'x6')	7+48 Lt	Concrete Drive		#1333
8+66 LtCatch Basin, "Pavt for Butt Joints, Rem"(15'x9')8+78"Manhole, Adj"#13258+88 LtConcrete Drive#13259+08 RtEnd Concrete Curb & Gutter#13219+37 LtConcrete Drive#13219+74 RtConcrete Drive#131610+57 RtConcrete Drive#131210+66 LtConcrete Drive#131711+51"Manhole, Adj"#131312+12 LtConcrete Drive#131312+79 RtConcrete Drive#130613+19 Rt & LtBegin Concrete C & G, "Pavt for Butt Joints, Rem"(150'x6')	8+34 Lt	Concrete Drive		#1329
8+78 "Manhole, Adj" 8+88 Lt Concrete Drive #1325 9+08 Rt End Concrete Curb & Gutter #1321 9+37 Lt Concrete Drive #1321 9+74 Rt Concrete Drive #1316 10+57 Rt Concrete Drive #1312 10+66 Lt Concrete Drive #1317 11+51 "Manhole, Adj" #1313 12+12 Lt Concrete Drive #1313 12+79 Rt Concrete Drive #1306 13+19 Rt & Lt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (150'x6') #130'x6')	8+56 Rt	Begin Concrete C & G, "Pavt for Butt Joints, Rem"	(52'x6')	
8+88 Lt Concrete Drive #1325 9+08 Rt End Concrete Curb & Gutter #1321 9+37 Lt Concrete Drive #1321 9+74 Rt Concrete Drive #1316 10+57 Rt Concrete Drive #1312 10+66 Lt Concrete Drive #1317 11+51 "Manhole, Adj" #1313 12+12 Lt Concrete Drive #1313 12+79 Rt Concrete Drive #1306 13+19 Rt & Lt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (150'x6') #132	8+66 Lt	Catch Basin, "Pavt for Butt Joints, Rem"	(15'x9')	
9+08 Rt End Concrete Curb & Gutter 9+37 Lt Concrete Drive #1321 9+74 Rt Concrete Drive #1316 10+57 Rt Concrete Drive #1312 10+66 Lt Concrete Drive #1317 11+51 "Manhole, Adj" #1313 12+12 Lt Concrete Drive #1313 12+79 Rt Concrete Drive #1306 13+19 Rt & L Begin Concrete C & G, "Pavt for Butt Joints, Rem" (150'x6') #1304	8+78	"Manhole, Adj"		
9+37 Lt Concrete Drive #1321 9+74 Rt Concrete Drive #1316 10+57 Rt Concrete Drive #1312 10+66 Lt Concrete Drive #1317 11+51 "Manhole, Adj" #1313 11+55 Lt Concrete Drive #1313 12+12 Lt Concrete Drive #266 Zak Rd 12+79 Rt Concrete Drive #1306 13+19 Rt & Lt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (150'x6') ************************************	8+88 Lt	Concrete Drive		#1325
9+74 Rt Concrete Drive #1316 10+57 Rt Concrete Drive #1312 10+66 Lt Concrete Drive #1317 11+51 "Manhole, Adj" #1313 11+55 Lt Concrete Drive #1313 12+12 Lt Concrete Drive #266 Zak Rd 12+79 Rt Concrete Drive #1306 13+19 Rt & Lt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (150'x6') ************************************	9+08 Rt	End Concrete Curb & Gutter		
10+57 Rt Concrete Drive #1312 10+66 Lt Concrete Drive #1317 11+51 "Manhole, Adj" ************************************	9+37 Lt	Concrete Drive		#1321
10+66 Lt Concrete Drive #1317 11+51 "Manhole, Adj" #1313 11+55 Lt Concrete Drive #1313 12+12 Lt Concrete Drive #266 Zak Rd 12+79 Rt Concrete Drive #1306 13+19 Rt & Lt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (150'x6') ************************************	9+74 Rt	Concrete Drive		#1316
11+51 "Manhole, Adj" #1313 11+55 Lt Concrete Drive #266 Zak Rd 12+12 Lt Concrete Drive #266 Zak Rd 12+79 Rt Concrete Drive #1306 13+19 Rt & Lt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (150'x6')	10+57 Rt	Concrete Drive		#1312
11+55 LtConcrete Drive#131312+12 LtConcrete Drive#266 Zak Rd12+79 RtConcrete Drive#130613+19 Rt & LtBegin Concrete C & G, "Pavt for Butt Joints, Rem"(150'x6')	10+66 Lt	Concrete Drive		#1317
12+12 LtConcrete Drive#266 Zak Rd12+79 RtConcrete Drive#130613+19 Rt & LtBegin Concrete C & G, "Pavt for Butt Joints, Rem"(150'x6')	11+51	"Manhole, Adj"		
12+79 RtConcrete Drive#130613+19 Rt & LtBegin Concrete C & G, "Pavt for Butt Joints, Rem"(150'x6')	11+55 Lt	Concrete Drive		#1313
13+19 Rt & Lt Begin Concrete C & G, "Pavt for Butt Joints, Rem" (150'x6')	12+12 Lt	Concrete Drive		#266 Zak Rd
	12+79 Rt	Concrete Drive		#1306
13+50 West edge of Zak Rd. Match New HMA	13+19 Rt & Lt	Begin Concrete C & G, "Pavt for Butt Joints, Rem"	(150'x6')	
	13+50	West edge of Zak Rd, Match New HMA		

<u>Station</u>	Description	Dimensions	House #
13+65	Centerline of Zak Rd		
13+80	East edge of Zak Rd, Match New HMA		
13+93 Lt	"Valve Box, Adj" (Water Box)		
14+09 Rt & Lt	End Concrete Curb & Gutter		
14+75 Rt	Concrete Drive		#1300
15+97	Begin cul-de-sac w/ wings	(590 syd)	
16+37 Rt & Lt	Catch Basins, "Pavt for Butt Joints, Rem"	(13'x9') x2	
16+41 Rt	"Manhole, Adj"		
16+59 Lt	"Manhole, Adj"		
16+82	POE, End Cul-de-sac		

<u>Mia Street</u>

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	House #
0+00	POB, East edge of Alivia Dr, Match New HMA		
0+00	Continue Concrete C & G, "Pavt for Butt Joints, Rem"	(84'x6')	
0+40 Rt & Lt	End Concrete Curb & Gutter		
0+40 Rt & Lt	Begin HMA Valley Gutter		
0+55 Rt	Concrete Drive		#1314
1+61 Rt	Concrete Drive		#1310
2+27 Rt	Concrete Drive		#1306
3+36 Rt & Lt	Begin Concrete C & G, "Pavt for Butt Joints, Rem"	(86'x6')	
3+48 Rt	Concrete Drive		#1302
3+71 Lt	"Valve Box, Adj" (Water Box)		
3+75	POE, West edge of Zak Rd, Match New HMA		

25. <u>LH 400039 – OTSEGO TOWNSHIP</u> – Kay Street, Howard Street, Ridge Street, & Ruby Street – 0.61 mile

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before October 29, 2021.

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.

SPECIAL PROVISIONS

FOR

25. <u>LH 400039 – OTSEGO TOWNSHIP</u> – Kay Street, Howard Street, Ridge Street, & Ruby Street – 0.61 mile

SCOPE OF THE WORK

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

HMA Widths:

<u>Station</u>	HMA Width	Shoulder Width
POB to POE	22'	1' Rt & Lt

Miscellaneous Items of Work Quantity

Kay Street

Station	Description	Dimensions	House #
0+00	POB, south of Ruby St, "Pavt for Butt Joints, Rem"	(24'x12')	
0+24 Rt	Int. of Ruby St (east), "Pavt for Butt Joints, Rem"	(30'x15')	
0+24 Lt	Int. of Ruby St (west), Match New HMA		
1+71 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1099
1+96 Lt	Concrete Drive, "Pavement Rem, Mod"	(22'x4')	#1052
2+19 Rt	Concrete Drive, "Pavement Rem, Mod"	(42'x4')	#1015
3+83 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(46'x6')	#1048
4+72 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#1001
6+20 Lt	Int. of Ridge St, Match New HMA		
7+39 Lt	Concrete Drive, "Pavement Rem, Mod"	(20'x4')	#970
7+43 Rt	Concrete Drive, "Pavement Rem, Mod"	(28'x4')	#987
8+25 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#917
8+27 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(55'x6')	#930
9+50 Lt	Int. of Lee St, "Pavt for Butt Joints, Rem"	(38'x15')	
10+28 Lt	Concrete Drive w/ Gravel Approach, Prep & Pave	(17'x19')	#870
10 1 20 Dt	Concrete Drive w/ Crevel Annuach Bron & Bove	Pave	#0E4
10+30 Rt	Concrete Drive w/ Gravel Approach, Prep & Pave	(17'x23') Pave	#851
11+49 Rt	Concrete Drive, "Pavement Rem, Mod"	(22'x5')	#801
11+59 Lt	Concrete Drive, "Pavement Rem, Mod"	(22'x5')	#802
<u>Station</u>	Description	Dimensions	House #

12+25 Rt & Lt	Begin Concrete C & G, (Milling included in POE Butt	
	Joints)	
12+60	POE, south edge of Lawrence Dr, "Pavt for Butt	(30'x35')
	Joints, Rem"	. ,
12+78	Centerline of Lawrence Dr (Reference)	

Howard Street

<u>Station</u>	Description	<u>Dimensions</u>	House #
0+00	POB, south of Ruby St, "Pavt for Butt Joints, Rem"	(24'x15')	
0+20 Rt	Int. of Ruby St, Match New HMA		
0+30 Rt	North edge of Ruby St (Reference)		
0+97 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#1098
2+02 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1090
2+38 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#1095
2+76 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#1090
4+71 Rt	Concrete Drive w/ Gravel Approach, Prep & Pave	(22'x14') Pave	#610 Ridge St
4+96 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(24'x6')	#1050
5+68 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#1050
6+06 Rt	Int. of Ridge St, Match New HMA		
6+97 Rt	Concrete Drive, "Pavement Rem, Mod"	(24'x7')	#611 Ridge St
7+45 Lt	Concrete Drive, "Pavement Rem, Mod"	(20'x5')	#960
9+61 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(26'x6')	#448 Lee St
9+71 Lt	Int. of Lee Dr, "Pavt for Butt Joints, Rem"	(32'x15')	
10+09 Lt	Concrete Drive, "Pavement Rem, Mod"	(20'x5')	#884
11+82	POE, Otsego City Limits, "Pavt for Butt Joints, Rem"	(22'x15')	

Ridge Street

Station	Description	<u>Dimensions</u>	House #
0+00	Centerline of Howard St (Reference)		
0+10	POB, North edge of Howard St, Match New HMA		
2+27 Lt	Concrete Drive, "Pavement Rem, Mod"	(22'x4')	#615
3+29 Rt	Concrete Drive, "Pavement Rem, Mod"	(16'x5')	#614
4+03	POE, West edge of Kay St, Match New HMA		

Ruby Street

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	House #
0+00	Centerline of Howard St (Reference)		
0+11	POB, East edge of Howard St, Match New HMA		
0+68 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(12'x6')	#621
1+63 Lt	Concrete Drive, "Pavement Rem, Mod"	(20'x5')	#620
1+66 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(12'x6')	#621
2+60 Lt	Concrete Drive, "Pavement Rem, Mod"	(18'x7')	#628
2+66 Rt	Concrete Drive, "Pavement Rem, Mod"	(20'x5')	#629
3+96	POE, West edge of Kay St, Match New HMA		
4+06	Centerline of Kay St (Reference)		

OTSEGO TOWNSHIP PROJECTS BID SCHEDULE:

23. LH 4013 – OTSEGO TOWNSHIP – 110th Avenue, 15th Street to the Township Line, & 15th Street, 110th Avenue to 111th Avenue – 2.02 miles TOTAL **ITEM OF WORK** QUANTITY UNIT PRICE 3,600 Ton HMA, 4E1, Mod 3 Ea Monument Box, Adj Pavt Mrkg, Type NR, Tape, 4-80 Sta inch, Yellow, Temp HMA Base Crushing and 26,500 Syd Shaping 150 Ton Aggregate Surface Cse 120 Syd Pavt for Butt Joints, Rem 20 Syd Pavement Rem, Mod 1 LS Shoulder Prep 1,100 Cyd Shoulder & Approach, Cl II, LM Approach, HMA Millings, LM 10 Cyd Flag Control 1 LS Traffic Control Devices 1 LS Sign, Type B, Temp, Modified 210 Sft Barricade, Type III, High Int, Dbl 4 Ea Sided, Ltd, Modified Pavt Mrkg, Waterborne, 4-inch, 9,600 Ft Yellow

24. <u>LH 400038 – OTSEGO TOWNSHIP</u> – Zak Road, Alivia Drive, & Mia Street south of 103rd Avenue – 0.73 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	1,700 Ton		
Manhole, Adj	13 Ea		
Valve Box, Adj	2 Ea		
Pavt for Butt Joints, Rem	850 Syd		
Shoulder Prep	1 LS		
Topsoil Shoulder, LM	100 Cyd		
Restoration	700 Syd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

OTSEGO TOWNSHIP PROJECTS BID SCHEDULE (CON'T):

25. LH 400039 - OTSEGO TOWNSHIP - Kay Street, Howard Street, Ridge Street, & Ruby Street – 0.61 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	1,000 Ton		
Pavt for Butt Joints, Rem	600 Syd		
Pavement Rem, Mod	200 Syd		
Shoulder Prep	1 LS		
Topsoil Shoulder, LM	100 Cyd		
Restoration	700 Syd		
Shoulder & Approach, Cl II, LM	10 Cyd		
Approach, HMA Millings, LM	10 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID – OTSEGO TOWNSHIP

\$_____

SIGNED: _____ DATE: _____

26. LH 400025 - OVERISEL TOWNSHIP - 144th Avenue, 46th Street to 42nd Street - 2.00 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 October 29, 2021.

SPECIAL PROVISIONS

FOR

26. LH 400025 – OVERISEL TOWNSHIP – 144th Avenue, 46th Street to 42nd Street – 2.00 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, LVSP, 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>	HMA Width	Shoulder Width
POB to 29+29	22'	4'-5' Rt & Lt
29+29 to 33+13	32'	0' Rt & Lt
33+13 to POE	22'	4'-5' Rt & Lt

Station	Description	Dimensions	House #
0+00	Mon Box @ 46 th St (Reference)		
0+45	POB, "Pavt for Butt Joints, Rem"	(26'x18')	
0+84 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
8+11 Lt	Millings Drive, "Approach, HMA Millings, LM"		#4569
10+26 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4575
11+64 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4575
12+88 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
13+39	"Monument Box, Adj"		
15+24 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4539
16+58 Lt	Millings Drive, "Approach, HMA Millings, LM"		#4539
19+00 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4523
20+87 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#4523
21+99 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4523
26+80	"Monument Box, Adj"		
26+85 Rt & Lt	Int. of 45 th St, Cover Existing HMA Approaches		
27+59 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4493
29+29 Lt	Begin Guardrail, Pave to Face		
29+42 Rt	Begin Guardrail, Pave to Face		
32+84 Lt	End Guardrail		
32+96 Rt	End Guardrail		

<u>Station</u>	Description	<u>Dimensions</u>	House #
33+13	Resume 22' Wide Road		
34+55 Lt	Concrete Drive, "Pavement Rem, Mod"	(24'x6')	#4469
35+65 Lt	Concrete Drive, "Pavement Rem, Mod"	(20'x6')	#4469
36+97 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
40+17 Lt	Int. of 44 th St (north), "Pavt for Butt Joints, Rem"	(48'x18')	
40+37 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
49+50 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4410
51+17 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4410
51+25 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4409
51+85 Lt	Millings Drive, "Approach, HMA Millings, LM"		#4409
53+54	"Monument Box, Adj"		
53+54 Rt	Int. of 44 th St (south), "Pavt for Butt Joints, Rem"	(38'x18')	
54+22 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
60+07 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
60+99 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
64+14 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
65+65 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#4353
65+70 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4358
66+48 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#4353
66+74 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
68+97 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		Consumers
73+07 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		Consumers
77+30 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(175'x6')	Overisel Twp
79+27 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
79+39 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4303
79+79	West edge of 43 rd St, "Pavt for Butt Joints, Rem"	(50'x15')	
80+00	Mon Box @ 43 rd St (Reference)		
80+21	East edge of 43 rd St, "Pavt for Butt Joints, Rem"	(45'x15')	
82+49 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
90+55 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4261
92+02 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4261
92+24 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		Consumers
98+26 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
101+40 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#4216
102+00	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#4216
105+37 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		Consumers
106+00	POE, "Pavt for Butt Joints, Rem"	(24'x18')	
106+48	Mon Box @ 144 th Ave (Reference)		

27. LH 400026 - OVERISEL TOWNSHIP - 146th Avenue, 48th Street to 46th Street - 1.05 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 October 29, 2021.

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.

SPECIAL PROVISIONS

FOR

27. LH 400026 – OVERISEL TOWNSHIP – 146th Avenue, 48th Street to 46th Street – 1.05 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, LVSP, 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>	HMA Width	Shoulder Width
POB to POE	22'	4'-5' Rt & Lt

Station	Description	<u>Dimensions</u>	House #
0+00	Mon Box @ 48 th St (Reference)		
0+35	POB, "Pavt for Butt Joints, Rem"	(34'x18')	
13+16 Rt	Concrete Drive, "Pavement Rem, Mod"	(24'x9')	#4726
14+13 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
15+81 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4717
19+22 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#4701
20+25 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#4701
21+30 Lt	Int. of 47 th St (north), Prep & Pave Approach		
21+34 Rt	Int. of 47 th St (south), "Pavt for Butt Joints, Rem"	(55'x15')	
27+60 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
34+79 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#4668
34+79 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
39+64 Rt	Stone Drive, 1"-2" Crushed (ACRC will add mat. after paving)		Consumers
44+02 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4632
45+09 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
46+03 Rt	Concrete Drive, "Pavement Rem, Mod"	(24'x5')	#4632
49+49 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4617
50+99 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4617
55+65	POE, "Pavt for Butt Joints, Rem"	(24'x18')	

28. LH 400027 - OVERISEL TOWNSHIP - 40th Street, 144th Avenue to 146th Avenue - 0.99 miles

BID AND AWARD

Date:

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before October 29, 2021.

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.

SPECIAL PROVISIONS

FOR

28. LH 400027 – OVERISEL TOWNSHIP – 40th Street, 144th Avenue to 146th Avenue – 0.99 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, LVSP, 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>	HMA Width	Shoulder Width
POB to POE	22'	4'-5' Rt & Lt

Station	Description	<u>Dimensions</u>	House #
0+00	Mon Box @ 144 th Ave (Reference)		
0+35	POB, "Pavt for Butt Joints, Rem"	(35'x18')	
3+99 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4414
5+74 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
6+51 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
14+02 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		Consumers
15+40 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
17+73 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4468
18+39 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
20+16 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4487
21+41 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4487
26+36 Rt	Millings Drive, "Approach, HMA Millings, LM"		#4493
26+49 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
26+65	"Monument Box, Adj"		
34+86 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
35+30 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
36+00 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4536
37+08 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#4540
40+77 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
45+31 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#4568
45+81 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#4568

Station	Description	<u>Dimensions</u>	House #
46+51 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#4568
52+85	POE, "Pavt for Butt Joints, Rem"	(30'x18')	
53+16	Mon Box @ 146 th Ave (Reference)		

OVERISEL TOWNSHIP PROJECTS BID SCHEDULE:

26. <u>LH 400025 – OVERISEL TOWNSHIP</u> – 144th Avenue, 46th Street to 42nd Street – 2.00 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	3,100 Ton		
Monument Box, Adj	3 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	106 Sta		
Pavt for Butt Joints, Rem	650 Syd		
Pavement Rem, Mod	40 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	1,000 Cyd		
Approach, HMA Millings, LM	20 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	9,500 Ft		

27. <u>LH 400026 – OVERISEL TOWNSHIP</u> – 146th Avenue, 48th Street to 46th Street – 1.05 miles

			ΤΟΤΑΙ
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	1,650 Ton		
Monument Box, Adj	1 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	55 Sta		
Pavt for Butt Joints, Rem	300 Syd		
Pavement Rem, Mod	50 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	600 Cyd		
Approach, HMA Millings, LM	10 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	5,200 Ft		

OVERISEL TOWNSHIP PROJECTS BID SCHEDULE (CON'T):

28. LH 400027 – OVERISEL TOWNSHIP – 40th Street, 144th Avenue to 146th Avenue – 0.99 miles

			1
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	1,500 Ton		
Monument Box, Adj	1 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	53 Sta		
Pavt for Butt Joints, Rem	200 Syd		
Pavement Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach, Cl II, LM	600 Cyd		
Approach, HMA Millings, LM	10 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	4,800 Ft		

TOTAL OF BID – OVERISEL TOWNSHIP

\$_____

SIGNED: _____ DATE: _____

29. LH 400035 – SALEM TOWNSHIP – Ottogan Street, 30th Street to 26th Street – 2.00 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 October 29, 2021.

SPECIAL PROVISIONS

FOR

29. LH 400035 – SALEM TOWNSHIP – Ottogan Street, 30th Street to 26th Street – 2.00 miles

SCOPE OF THE WORK

The work will consist of conditioning the aggregates base and drives. Then place an HMA, 4E1, Mod leveling course with an average yield of 220 lb/syd, followed by a HMA, 4E1, Mod surface course with 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>	HMA Width	Shoulder Width
POB to POE	30'	1' Rt & Lt
*Valley Gutter Sections	Paved 16' Lane	1' Rt & Lt

<u>Station</u>	Description	<u>Dimensions</u>	House #
0+00	Centerline of 30 th St (Reference)		
0+17	POB, East edge of 30 th St, "Pavt for Butt Joints, Rem"	(33'x33')	
0+74 Lt	Begin HMA Valley Gutter, 16' Lane, Prep & Pave Spillway		
0+94 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2391
1+90 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2391
2+06 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
3+68 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
3+95 Lt	End HMA Valley Gutter, Prep & Pave Spillway		
3+95 Lt	Resume 15' Lane		
8+87 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
11+26 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2253
12+79 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2175
19+73 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
21+27 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2055
23+66 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2027
25+67 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
26+14 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
26+40	"Monument Box, Adj"		
27+72 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		

<u>Station</u> 31+50 Rt	<u>Description</u> Gravel Drive, "Shoulder & Approach, Cl II, LM"	<u>Dimensions</u>	<u>House #</u> #4786
31+94 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		#4700
35+32 Lt	Concrete Drive, "Pavement Rem, Mod"	(12'x8')	#1877
36+07	Field Drive, "Shoulder & Approach, Cl II, LM"	(12,00)	#1077
42+91 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
43+45 Rt & Lt	Begin HMA Valley Gutter, 16' Lanes, Prep & Pave		
43+43 KI & LI	Spillways		
47+46 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
48+45 Rt & Lt	End HMA Valley Gutter, Prep & Pave Spillways		
48+45 Rt & Lt	Resume 15' Lanes		
49+02 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
52+30 Lt	Int. of 16 th Ave (Ottawa), Prep & Pave HMA Approach	(30'x20') Pave	
52+80	"Monument Box, Adj"		
54+56 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
54+56 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
59+49 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2774
61+19 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
61+29 Lt	Begin HMA Valley Gutter, 16' Lane, Prep & Pave Spillway		
63+63 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1429
64+90 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1387
65+42 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
67+43 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
67+48 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		Farm
67+65 Lt	End HMA Valley Gutter, Prep & Pave Spillway		
67+65 Lt	Resume 15' Lane		
70+02 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2734
70+85 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
71+50 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
71+58 Rt	Begin HMA Valley Gutter, 16' Lane, Prep & Pave Spillway		
72+18 Lt	Begin HMA Valley Gutter, 16' Lane, Prep & Pave Spillway		
74+02 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1287
74+58 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1287
76+02 Rt	Concrete Drive, "Pavement Rem, Mod"	(24'x2')	#2710
77+22 Rt	End HMA Valley Gutter, Prep & Pave Spillway		
77+22 Rt	Resume 15' Lane		
77+44 Lt	End HMA Valley Gutter, Prep & Pave Spillway		
77+44 Lt	Resume 15' Lane		
79+20	"Monument Box, Adj"		
79+30 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#1185
80+29 Lt	Millings Drive, "Approach, HMA Millings, LM"		#1185

<u>Station</u>	Description	Dimensions	House #
81+15 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
82+07 Rt	Concrete Drive, Prep & Pave HMA Approach	(20'x16') Pave	#2684
82+19 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
83+76 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
84+14 Lt	HMA Drive, "Pavement Rem, Mod"	(20'x3')	#1113
86+91 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
88+13 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
91+84 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
91+84 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
96+25 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
96+25 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
99+94 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
100+00 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
101+40 Lt	HMA Drive, "Pavement Rem, Mod"	(16'x3')	#851
103+33 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
105+22	End HMA Leveling Course, West Edge of 26th St		
105+33 Rt & Lt	Int. of 26 th St/8 th Ave, "Pavt for Butt Joints, Rem"	(35'x15') & (45'x15')	
105+33	"Monument Box, Adj"	· · ·	
105+95	POE, End HMA Top Course, "Pavt for Butt Joints, Rem"	(30'x18')	

30. LH 400037 - SALEM TOWNSHIP - 144th Avenue, 36th Street to 32nd Street - 2.04 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 October 29, 2021.

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.

SPECIAL PROVISIONS

FOR

30. LH 400037 – SALEM TOWNSHIP – 144th Avenue, 36th Street to 32nd Street – 2.04 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>	HMA Width	Shoulder Width
POB to 56+27	30'	1' Rt & Lt
56+27 to POE	28'	1'-2' Rt & Lt

<u>Station</u> 0+00	<u>Description</u> POB, West of 36 th St, "Pavt for Butt Joints, Rem"	<u>Dimensions</u> (26'x18')	<u>House #</u>
0+42	"Monument Box, Adj"	(20,10)	
0+42 Rt & Lt	Int. of 36 th St, "Pavt for Butt Joints, Rem"	(36'x18') & (45'x18')	
1+45 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#3597
2+58 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#3589
3+30 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(12'x6')	#3589
3+68 Rt	Millings Drive, "Approach, HMA Millings, LM"		#3584
4+69 Rt	Concrete Drive, "Pavement Rem, Mod"	(26'x7')	#3584
5+73 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#3583
6+50 Lt	Gravel Drive w/ HMA Approach, Cover		#3573
7+38 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3584
8+87 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#3578
9+53 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
11+30 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
14+34 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
15+41 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(32'x6')	#3545
17+15 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(40'x6')	Kimberly Dr (Pvt)
18+70 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
21+96 Lt	Millings Drive, "Approach, HMA Millings, LM"		#3531
24+17 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		

<u>Station</u>	Description	<u>Dimensions</u>	House #
25+11 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"	Dimensions	#3514
25+22 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3511
26+46 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(12'x6')	#3514
27+82 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"	(12,00)	#3509
28+52 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3508
29+90	"Monument Box, Adj"		#0000
31+29 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(24'x6')	#3495
31+82 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(24'x6') (20'x6')	#3492
35+72 Rt	Begin 8.5' approach widening	(20,00)	#0 1 02
36+18 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(24'x6')	#3483
36+43 Rt	Begin Concrete C & G, "Pavt for Butt Joints, Rem"	(30'x6')	#0400
36+53 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"	(00 x0)	
36+96 Rt	Int. of Oakland Hills Dr (Pvt), "Pavt for Butt Joints,	(55'x12')	
50° 50 M	Rem"	(00 x12)	
37+45 Rt	End Concrete C & G, "Pavt for Butt Joints, Rem"	(30'x6')	
38+25 Rt	End 8.5' approach widening		
38+49 Lt	Millings Drive, "Approach, HMA Millings, LM"		#3467
39+42 Lt	Millings Drive, "Approach, HMA Millings, LM"		#3463
40+86 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#3460
42+30 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#3458
42+59 Lt	Millings Drive, "Approach, HMA Millings, LM"		#3459
43+49 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3449
48+26 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	Meadow Creek Ln (Pvt)
49+19 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
49+40 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3426
49+85 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3427
51+04 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3426
51+91 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3421
56+27	"Monument Box, Adj"		
56+27 Rt & Lt	Int. of 34 th St, "Pavt for Butt Joints, Rem"	(45'x18') & (45'x18')	
56+27 Rt & Lt	Begin 28' Wide Road After Int. (14' Lanes)		
59+53 Rt	Millings Drive, "Approach, HMA Millings, LM"		#3390
66+06 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
68+60 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
69+43 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(28'x6')	#3351
70+96 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3350
72+31 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#3350
73+36 Rt	Concrete Drive, "Pavement Rem, Mod"	(24'x11')	#3330
73+91 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
74+46 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
79+17 Lt	Concrete Drive, "Pavement Rem, Mod"	(26'x8')	#3311
80+01 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3311

<u>Station</u>	Description	<u>Dimensions</u>	House #
81+95 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3302
82+11 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3301
82+24	"Monument Box, Adj"		
82+61 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
84+78 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
86+68 Rt	Millings Drive, "Approach, HMA Millings, LM"		#3288
87+53 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
89+03 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3248
91+25 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
95+05 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
97+47 Rt	Millings Drive, "Approach, HMA Millings, LM"		#3240
98+02 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(16'x6')	#3240
99+10 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
101+59 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
102+57 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3212
107+66 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
107+93	POE, "Pavt for Butt Joints, Rem"	(32'x18')	
108+27	Mon Box at 32 nd St (Reference)		

31. LH 400063 – SALEM TOWNSHIP – 140th Avenue, 26th Street to 24th Street – 0.99 miles

BID AND AWARD

Date:

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before October 29, 2021.

SPECIAL PROVISIONS

FOR

31. LH 400063 – SALEM TOWNSHIP – 140th Avenue, 26th Street to 24th Street – 0.99 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>	HMA Width	Shoulder Width
POB to POE	26'	1-2' Rt & Lt

Station	Description	<u>Dimensions</u>	<u>House #</u>
0+00	Mon Box @ 26 th St (Reference)		
0+20	POB, "Pavt for Butt Joints, Rem"	(35'x18')	
1+36 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#2595
3+86 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#2589
5+84 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#2583
7+94 Lt	Millings Drive, "Approach, HMA Millings, LM"		#2577
8+75 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#2577
10+04 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(34'x10')	Denali Dr (Pvt)
13+50 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2550
15+23 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2550
15+30 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(36'x8')	Bullseye Ln (Pvt)
16+15 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(28'x6')	#2536
18+44 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2531
19+76 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2527
24+71 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2501
26+19	"Monument Box, Adj"		
28+71 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2475
30+79 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
31+37 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2473
35+23 Rt	Millings Drive, "Approach, HMA Millings, LM"		#2470
35+81 Lt	Millings Drive, "Approach, HMA Millings, LM"		#2469

Station	<u>Description</u>	Dimensions	House #
36+34 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2470
38+13 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2455
39+44 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
40+36 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2446
41+06 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2445
41+42 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2442
41+71 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2440
42+43 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2436
42+59 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		Valkyrie Dr (Pvt)
43+77 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2430
44+55 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2427
46+58 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#2423
47+08 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2420
48+74 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2417
50+00 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2410
51+77 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2401
52+57	POE, "Pavt for Butt Joints, Rem"	(24'x18')	
53+00	Mon Box @ 24 th St (Reference)		

SALEM TOWNSHIP PROJECTS BID SCHEDULE:

29. LH 400035 - SALEM TOWNSHIP	- Ottogan Street,	30 th Street to	26 th Street – 2.00
miles			

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod	8,200 Ton		
Monument Box, Adj	4 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	106 Sta		
Aggregate Base Conditioning	106 Sta		
Pavt for Butt Joints, Rem	350 Syd		
Pavement Rem, Mod	40 Syd		
Shoulder & Approach Cl II, LM	700 Cyd		
Approach, HMA Millings, LM	10 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	11,000 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	21,000 Ft		

30. <u>LH 400037 – SALEM TOWNSHIP</u> – 144th Avenue, 36th Street to 32nd Street – 2.04 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	4,200 Ton		
Monument Box, Adj	4 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	108 Sta		
Pavt for Butt Joints, Rem	850 Syd		
Pavt, Rem, Mod	100 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach Cl II, LM	550 Cyd		
Approach, HMA Millings, LM	60 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	13,000 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	22,000 Ft		

SALEM TOWNSHIP PROJECTS BID SCHEDULE (CON'T):

31. LH 400063 - SALEM TOWNSHIP	- 140 th	Avenue,	26 th	Street to	24 th	Street	- 0.99
miles							

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 4E1, Mod	1,800 Ton		
Monument Box, Adj	1 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	52 Sta		
Pavt for Butt Joints, Rem	300 Syd		
Pavt, Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach Cl II, LM	300 Cyd		
Approach, HMA Millings, LM	20 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	1,500 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	10,500 Ft		

TOTAL OF BID – SALEM TOWNSHIP

\$_____

32. <u>LH 400028 – SAUGATUCK TOWNSHIP</u> – 133rd Avenue, Old Allegan Road to 60th Street – 0.64 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 October 29, 2021.

SPECIAL PROVISIONS

FOR

32. <u>LH 400028 – SAUGATUCK TOWNSHIP</u> – 133rd Avenue, Old Allegan Road to 60th Street – 0.64 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, LVSP, 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>	HMA Width	Shoulder Width
POB to POE	28'	1'-2' Rt & Lt

Miscellaneous Items of Work Quantity

Station	Description	Dimensions	House #
0+00	Centerline of Old Allegan Rd (Reference)		
0+21	POB, "Pavt for Butt Joints, Rem"	(45'x18')	
7+55 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		Top Grade
8+18 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		1 -
11+05 Lt	Millings Drive, "Approach, HMA Millings, LM"		#6093
11+51 Rt	Concrete Drive, "Pavement Rem, Mod"	(20'x6')	#6092
11+88 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(35'x6')	#6083
13+72 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(28'x6')	#6074
14+41 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
16+24 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6074
19+18 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#6050
19+28 Lt	Millings Drive, "Approach, HMA Millings, LM"		#6051
21+89 Rt	Millings Drive, "Approach, HMA Millings, LM"		#6046
23+69 Lt	Millings Drive, "Approach, HMA Millings, LM"		#6045
23+70 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
29+12 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		#3308 60 th St
32+35 Lt	Millings Drive, "Approach, HMA Millings, LM"		#3308 60 th St
34+11	POE, "Pavt for Butt Joints, Rem"	(36'x18')	
34+40	Centerline of 60 th St (Reference)		

33. <u>LH 400029 – SAUGATUCK TOWNSHIP</u> – Elizabeth Street & Cemetery Road east of Holland Street – 0.24 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 October 29, 2021.

SPECIAL PROVISIONS

FOR

33. <u>LH 400029 – SAUGATUCK TOWNSHIP</u> – Elizabeth Street & Cemetery Road east of Holland Street – 0.24 miles

SCOPE OF THE WORK

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

HMA Widths:

<u>Station</u>	HMA Width	Shoulder Width
Elizabeth Street POB to POE	20'	1' Rt & Lt
Cemetery Road POB to POE	20'	1' Rt & Lt

Miscellaneous Items of Work Quantity

Elizabeth Street

<u>Station</u>	<u>Description</u>	Dimensions	House #
0+00	Centerline of North St (Reference)		
0+40	POB, "Pavt for Butt Joints, Rem"	(22'x15')	
0+99 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#6629 North St
2+19 Rt	Millings Drive, "Approach, HMA Millings, LM"		
2+90 Lt	Concrete Drive, "Pavement Rem, Mod"	(16'x7')	#3406
3+41 Rt	Concrete Drive, "Pavement Rem, Mod"	(12'x6')	#3409
3+46 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3416
4+02 Rt	Concrete Drive, "Pavement Rem, Mod"	(14'x6')	#3413
4+43 Lt	Int. of Bandle St, "Pavt for Butt Joints, Rem"	(20'x12')	
4+44 Rt	Concrete Drive, "Pavement Rem, Mod"	(14'x6')	#3413
5+05 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(12'x7')	#3417
6+47 Rt	Int. of Cemetery Rd, Match New HMA		
6+60	POE, "Pavt for Butt Joints, Rem"	(50'x15')	

Cemetery Road

Station	Description	<u>Dimensions</u>	House #
0+00	POB, East edge of Elizabeth St, Match New HMA		
2+01 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x7')	#3427
2+41 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	16'x6')	#6614
2+81 Lt	Concrete Drive, "Pavement Rem, Mod"	(30'x8.5')	#6611
3+37 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x5')	#6610
4+03 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#6606
4+51 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3410 66 th St
5+30 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3410 66 th St
6+07 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#6602
6+20 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		Petunia Ave (Pvt)
6+35	POE @ start of 66 th St, "Pavt for Butt Joints, Rem"	(22'x15')	

SAUGATUCK TOWNSHIP PROJECTS BID SCHEDULE:

32. LH 400028 - SAUGATUCK TOWNSHIP - 133rd Avenue, Old Allegan Road to 60th Street – 0.64 miles

			TOTAL
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	1,250 Ton		
Monument Box, Adj	1 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	34 Sta		
Pavt for Butt Joints, Rem	250 Syd		
Pavement Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach Cl II, LM	170 Cyd		
Approach, HMA Millings, LM	20 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	1,000 Ft		
Pavt Mrkg, Waterborne, 4-inch, White	7,000 Ft		

33. LH 400029 – SAUGATUCK TOWNSHIP – Elizabeth Street & Cemetery Road east of Holland Street – 0.24 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	350 Ton		
Pavt for Butt Joints, Rem	300 Syd		
Pavement Rem, Mod	100 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach Cl II, LM	70 Cyd		
Approach, HMA Millings, LM	10 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID – SAUGATUCK TOWNSHIP

\$_____

34. <u>LH 400055 – TROWBRIDGE TOWNSHIP</u> – 30th Street, 104th Avenue to 108th Avenue – 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 October 29, 2021.

SPECIAL PROVISIONS

FOR

34. <u>LH 400055 – TROWBRIDGE TOWNSHIP</u> – 30th Street, 104th Avenue to 108th Avenue – 1.98 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, LVSP, Mod surface course an average yield of 220 lb/syd. Topsoil shoulders, restoration, and gravel 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>	HMA Width	Shoulder Width
POB to POE *Valley Gutter Sections	22' 16' Lane	4'-5' Rt & Lt

Miscellaneous Items of Work Quantity

Station	Description	<u>Dimensions</u>	<u>House #</u>
0+00	Centerline of 104 th Ave (Reference)		
0+33	POB, "Pavt for Butt Joints, Rem"	(32'x18')	
5+19 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
6+45 Lt	Begin HMA Valley Gutter (16' Lane)		
7+53 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#434
9+17 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x5')	#434
10+37 Lt	End HMA Valley Gutter, Prep & Cover Existing Spillway		
11+03 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
18+63 Rt	Crushed Conc Drive (ACRC will add mat. after paving)		#477
19+49 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
19+52 Rt	Crushed Conc Drive (ACRC will add mat. after paving)		#477
20+87 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#480
22+36 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#484
23+66 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#484
26+20 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
26+43	"Monument Box, Adjust"		
33+50 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
39+27 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#549
41+05 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		

<u>Station</u>	Description	Dimensions	<u>House #</u>
49+77 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
50+96 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#594
51+04 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#2903 106 th Ave
52+84	"Monument Box, Adj"		
52+86 Rt & Lt	Int. of 106 th St, Cover Existing HMA Approaches		
58+70 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
60+93 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#633
62+86 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
63+78 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(22'x6')	#649
64+06 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#648
66+75 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#659
67+77 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
70+15 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
71+40 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
72+26 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
72+33 Lt	Int. of 107 th St, Cover Existing HMA Approach		
73+47 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#687
73+51 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
75+72 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
77+61 Rt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#691
79+23	"Monument Box, Adj"		
79+36 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
79+64 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#696
80+98 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
82+76 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#716
86+37 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#737
94+08 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#744
95+57 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
101+28 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		Tree Farm
101+98 Rt	Field Drive, "Shoulder & Approach, Cl II, LM"		
104+90	POE, "Pavt for Butt Joints, Rem"	(24'x18')	
105+56	Centerline of 108 th Ave (Reference)		

TROWBRIDGE TOWNSHIP PROJECTS BID SCHEDULE:

34. <u>LH 400055 – TROWBRIDGE TOWNSHIP</u> – 30th Street, 104th Avenue to 108th Avenue – 1.98 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	3,200 Ton		
Monument Box, Adj	3 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	105 Sta		
Pavt for Butt Joints, Rem	200 Syd		
Pavement Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach Cl II, LM	900 Cyd		
Approach, HMA Millings, LM	10 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	14,000 Ft		

TOTAL OF BID – TROWBRIDGE TOWNSHIP

\$_____

35. <u>LH 400057 – VALLEY TOWNSHIP</u> – 115th Avenue, 36th Street west to Pavement End – 0.99 miles

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before October 29, 2021.

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.

SPECIAL PROVISIONS

FOR

35. <u>LH 400057 – VALLEY TOWNSHIP</u> – 115th Avenue, 36th Street west to Pavement End – 0.99 miles

SCOPE OF THE WORK

The work will consist of preparing the shoulders and existing HMA surface. Then place an HMA, LVSP, 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>	HMA Width	Shoulder Width
POB to POE	22'	4'-5' Rt & Lt

Miscellaneous Items of Work Quantity

<u>Station</u>	<u>Description</u>	<u>Dimensions</u>	House #
0+00	Mon Box @ 36 th St (Reference)		
0+50	POB, "Pavt for Butt Joints, Rem"	(24'x18')	
6+49 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#3620
6+98 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3626
7+99 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
8+57 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3632
12+20 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(20'x6')	#3638
12+77 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3638
14+94 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(18'x6')	#3662
17+96 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
18+33 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		
26+30	"Monument Box, Adj" (patched over)		
27+69 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3706
29+54 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3710
31+04 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3710
33+48 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3724
36+95 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		#3748
38+59 Lt	HMA Drive, "Pavt for Butt Joints, Rem"	(14'x6')	#3748
39+23 Rt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		
42+43 Lt	Field Drive, "Shoulder & Approach, Cl II, LM"		

<u>Station</u>	Description	Dimensions	House #
45+82 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3776
52+52 Lt	Gravel Drive, "Shoulder & Approach, Cl II, LM"		#3798
52+69	"Monument Box, Adj" (patched over)		

52+85 POE, End of Pavement

VALLEY TOWNSHIP PROJECTS BID SCHEDULE:

35. LH 400057 – VALLEY TOWNSHIP – 115th Avenue, 36th Street west to Pavement End – 0.99 miles

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA, LVSP, Mod	1,550 Ton		
Monument Box, Adj	2 Ea		
Pavt Mrkg, Type NR, Tape, 4- inch, Yellow, Temp	52 Sta		
Pavt for Butt Joints, Rem	100 Syd		
Pavt, Rem, Mod	20 Syd		
Shoulder Prep	1 LS		
Shoulder & Approach Cl II, LM	550 Cyd		
Approach, HMA Millings, LM	10 Cyd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Pavt Mrkg, Waterborne, 4-inch, Yellow	7,000 Ft		

TOTAL OF BID – VALLEY TOWNSHIP

\$_____