

NAME OF CONTRACTOR: _____

PROPOSAL AND SPECIFICATIONS
FOR
COUNTY LOCAL HOT MIX ASPHALT PAVING

1. LH 4801 – WAYLAND TOWNSHIP – On Gregorville Road from 10th Street to 6th Street – 2.03
2. LH 4824 – WAYLAND TOWNSHIP – On 8th Street from M-179 to 500' south – 0.09 miles
3. LH 4803 - SAUGATUCK TOWNSHIP – On 65th Street from Riverside Road to 128th Avenue – 0.97 miles
4. LH 4804 – SAUGATUCK TOWNSHIP – On 66th Street from Cemetery Street to 135th Avenue – 0.60 miles
5. LH 4805 - SAUGATUCK TOWNSHIP – On 129th Avenue from 66th Street to I-196 – 0.48 miles
6. LH 4806 – SAUGATUCK TOWNSHIP – On Bandle Street from Riverside Drive to Elizabeth Street – 0.12 miles
7. LH 4810 – HEATH/OVERISEL TOWNSHIP – On 136th Avenue from 41st Street to 38th Street – 1.36 miles
8. LH 4814 – SALEM TOWNSHIP – On 138th Avenue from 26th Street to 24th Street – 1.02 mile
9. LH 4815 – SALEM TOWNSHIP – On 137th Avenue from 30th Street to 28th Street – 0.98 miles
10. LH 4818 – CASCO TOWNSHIP – On 107th Avenue from 70th Street to 68th Street – 0.99 miles

11. LH 4819 – OVERISEL TOWNSHIP – On 47th Street from 143rd Avenue to 146th Avenue – 1.50 mile
12. LH 4820 - OVERISEL TOWNSHIP – On 147th Avenue from 40th Street to 38th Street – 0.98 mile
13. LH 4821 – OVERISEL TOWNSHIP – On 144th Avenue from 38th Street to 36th Street – 0.97 mile
14. LH 4822 – OVERISEL TOWNSHIP – On 140th Avenue from 38th Street to the east township line – 0.99 mile
15. LH 4812 – ALLEGAN / TROWBRIDGE TOWNSHIP – On 34th Street from 110th Avenue to 113th Avenue – 1.38 miles
16. LH 4813 – ALLEGAN TOWNSHIP – On 34th Street from 113th Avenue to Monroe Road – 1.49 miles
17. LH 4825 – ALLEGAN TOWNSHIP – On Bayview Drive south of 122nd Avenue – 0.35 mile
18. LH 4826 – ALLEGAN TOWNSHIP – On Rose Drive west of 30th Street – 0.16 mile
19. LH 4827 – ALLEGAN TOWNSHIP – On Center Street east of Bridge Road – 0.13 mile
20. LH 4828 – FILLMORE TOWNSHIP – On 50th Street from 146th Avenue to Ottogan Street – 1.01 mile
21. LH 4829 – LAKETOWN TOWNSHIP – On 61st Street from 0.29 mile south of 144th Avenue to 147th Avenue – 1.78 miles
22. LH 4830 – LAKETOWN TOWNSHIP – On Forest Lane, Castle Avenue, Castle Court, Kingsway Court and Pine Drive north of 146th Avenue – 0.93 miles
23. LH 4831 – OTSEGO TOWNSHIP – On Morter Street, Ames Street and Earl Street south of Jefferson Road – 0.36 mile
24. LH 4832 – GUN PLAIN TOWNSHIP – On 4th Street from Riverview Drive to M-89 – 0.79 mile
25. LH 4725 – MONTEREY TOWNSHIP – On 26th Street from the south township line to 126th Avenue – 1.00 mile
26. LH 4834 – MARTIN TOWNSHIP – On 122nd Avenue from 525' west of 4th Street (south) to 4th Street (north) – 0.37 mile
27. LH 4835 – WATSON TOWNSHIP – On 122nd Avenue from the west township line to 20th Street – 2.00 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 (M89), Allegan, Michigan until 11:00 A.M., E.D.T., Wednesday, April 27, 2016, and at such time be publicly opened and read aloud for the following:

I. HOT MIX ASPHALT PAVEMENT

Construct Hot Mix Asphalt (Michigan Department of Transportation Specification No. 13A & 4E1) in Wayland, Saugatuck, Heath, Overisel, Allegan, Trowbridge, Salem, Casco, Fillmore, Laketown, Otsego, Gun Plain, Monterey, Martin and Watson Townships.

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

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

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

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

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

BOARD OF COUNTY ROAD COMMISSIONERS
OF ALLEGAN COUNTY, MICHIGAN

Bruce Culver, Chairman
Robert Kaarlie, Vice-Chairman
John Kleinheksel, Member

THE CONTRACT

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

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

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

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

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

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

Signed: _____ Name: _____
(Please Print)

Title: _____ Date: _____

Firm Name: _____ Phone: _____

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

FOR COUNTY USE ONLY – DO NOT WRITE BELOW

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

Chairman

Vice-Chairman

Commissioner

Date

ALLEGAN COUNTY ROAD COMMISSION

STANDARD PROVISIONS

SCOPE OF THE WORK

The work consists of furnishing and placing HMA and related items at twenty-six (26) 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", shall apply unless noted otherwise in these Standard and Special Provisions.

HMA

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

MIX DESIGNS

HMA 13A, MOD

1. The Contractor shall submit a mix design with a range of 5.0 to 8.0 percent (effective bitumen) of bitumen content. Target air voids of 3.00% through regression.
2. The Limits for the bitumen content of Range 1 shall be $\pm 0.30\%$ from the optimum mix design.
3. **PG 64-22 or PG 64-28** Performance Grade Asphaltic Cement Bituminous Material shall be combined with the mineral aggregate.
4. The Contractor shall submit a mix design and test results of the aggregates to be used at least two weeks before commencing paving. The mix design shall be submitted to an approved testing laboratory for design compliance tests. The Road Commission shall require a 1 point Marshall Test Mix Design.
5. All mix designs must be approved by the Engineer.

HMA 3C, MOD

1. The contractor shall submit a mix design with a range of 4.5 to 7.0 percent (effective bitumen) of bitumen content. Target air voids of 3.0% through regression.
2. The limits for the bitumen content of Range 1 shall be ± 0.30 from the optimum mix design.
3. PG 64-22 Performance Grade Asphaltic Cement Bituminous Material shall be combined with the mineral aggregate.
4. The Contractor shall submit a mix design and test results of the aggregates to be used at least two weeks before commencing paving. The mix design shall be submitted to an approved testing laboratory for design compliance tests. The Road Commission shall require a 1 point Marshall Test Mix Design.
5. All mix designs must be approved by the engineer.

HMA 4C, MOD

1. The Contractor shall submit a mix design with a range of 5.0 to 8.0 percent (effective bitumen) of bitumen content. Target air voids of 3.0% through regression.
2. The limits for the bitumen content of range 1 shall be ± 0.30 from the optimum mix design.
3. PG 64-22 Performance Grade Asphaltic Cement Bituminous Material shall be combined with the mineral aggregate.
4. The Contractor shall submit a mix design and test results of the aggregates to be used at least two weeks before commencing paving. The mix design shall be submitted to an approved testing laboratory for design compliance tests. The Road Commission shall require a 1 point Marshall Test Mix Design.
5. All mix designs must be approved by the engineer.

HMA 4E1, MOD

1. The Contractor shall submit a mix design with a range of 5.0 to 8.0 percent (effective bitumen) of bitumen content. Target air voids of 3.0% through regression.
2. The limits for the bitumen content of range 1 shall be ± 0.30 from the optimum mix design.
3. **PG 64-28** Performance Grade Asphaltic Cement Bituminous Material shall be combined with the mineral aggregate.
4. The Contractor shall submit a mix design and test results of the aggregates to be used at least two weeks before commencing paving. The mix design shall be submitted to an approved testing laboratory for design compliance tests. The Road Commission shall require a mix design in accordance with the MDOT "HMA Production Manual".
5. All mix designs must be approved by the engineer.

SPECIAL PROVISION
FOR
MARSHALL HOT MIX ASPHALT MIXTURE

1 of 2

1. **Description.** Furnish hot mix asphalt (HMA) mixture, designed using Marshall Mixture Design Methods, according to the requirements of the Standard Specifications for Construction except as modified by this special provision.

b. Mix Design. Submit the mix design for evaluation according to the Department’s Hot Mix Asphalt Procedures Manual. Use a 50 blow Marshall hammer when compacting mixtures for developing Marshall mix designs.

c. Recycled Mixtures. Substituting reclaimed asphalt pavement (RAP) for a portion of the new material required to produce HMA mixture is allowed provided that the mixture is designed and produced to meet all criteria specified herein. RAP materials must conform to the Standard Specifications for Construction.

d. Materials. Table 1 provides the mix design criteria and volumetric properties. Table 2 provides the required aggregate properties. Use aggregates of the highest quality available to meet the minimum specifications. Use the mixture designation number shown in the contract item name when determining mix design properties from Tables 1 and 2.

e. Measurement and Payment. The completed work as described will be paid for at the contract unit price for the following contract item (pay item):

Contract Item (Pay Item)	Pay Unit
HMA,(type).....	Ton

Table 1: Mix Design Criteria and Volumetric Properties

	Mixture No.				
	2C	3C	4C	13A	36A
Target Air Void, % (a)	3.00	3.00	3.00	3.00	4.00
VMA (min) (b)	11.00	13.00	14.00	14.00	15.00
VFA	65-78	65-78	65-78	65-78	65-78
Fines to Binder Ratio (max) ©	1.2	1.2	1.2	1.2	1.2
Flow (0.01 inch)	8 -16	8 -16	8 -16	8 -16	8 -16
Stability (min), lbs	1200	1200	1200	900	900
a. Lower target air voids by 1.00% if used in a separate shoulder paving operation. Consider reducing air void targets to 3.00% for lower traffic volume roadways when designing 13A and 36A mixtures for local agency use. b. VMA calculated using Gsb of the combined aggregates. c. Ratio of the weight of aggregate passing the No. 200 sieve to total asphalt binder content by weight; including fines and binder contributed by RAP.					

Table 2: Aggregate Properties

	Mixture No.				
	2C	3C	4C	13A	36A
	Percent Passing Indicated Sieve or Property Limit				
1 ½ inch	100				
1 inch	91-100	100			
¾ inch	90 max.	91-100	100	100	
½ inch	78 max.	90 max.	91-100	75-95	100
⅜ inch	70 max.	77 max.	90 max.	60-90	92-100
No. 4	52 max.	57 max.	67 max.	45-80	65-90
No. 8	15-40	15-45	15-52	30-65	55-75
No. 16	30 max.	33 max.	37 max.	20-50	
No. 30	22 max.	25 max.	27 max.	15-40	25-45
No. 50	17 max.	19 max.	20 max.	10-25	
No. 100	15 max.	15 max.	15 max.	5-15	
No. 200	3-6	3-6	3-6	3-6	3-10
Crushed (min), % (MTM 117)	90	90	90	25	60
Soft Particle (max), % (a)	12.0	12.0	8.0	8.0	8.0
Angularity Index (min) (b)	4.0	4.0	4.0	2.5	3.0
L.A. Abrasion (max), % loss (c)	40	40	40	40	40
Sand Ratio (max) (d)	-	-	-	50	50
<p>a. The sum of the shale, siltstone, structurally weak, and clay-ironstone particles must not exceed 8.0 percent for aggregates used in top course. The sum of the shale, siltstone, structurally weak, and clay-ironstone particles must not exceed 12.0 percent for aggregates used in base and leveling courses.</p> <p>b. The fine aggregate angularity of blended aggregates, determined by MTM 118, must meet the minimum requirement. In mixtures containing RAP, the required minimum fine aggregate angularity must be met by the virgin material. NAA fine aggregate angularity must be reported for information only and must include the fine material contributed by RAP if present in the mixture.</p> <p>c. Los Angeles abrasion maximum loss must be met for the composite mixture, however, each individual aggregate must be less than 50.</p> <p>d. Sand ratio for 13A and 36A no more than 50% of the material passing the No. 4 sieve is allowed to pass the No. 30 Sieve.</p>					

SPECIAL PROVISION
FOR
ACCEPTANCE OF HMA MIXTURE

1 of 2

a. Description. This special provision provides acceptance testing requirements for use on local agency projects that do not include the QC/QA special provision. The HMA mixture shall be provided to meet the requirements of the standard specifications for construction except where modified herein.

b. Materials. Aggregates, mineral filler (if required), and asphalt binder shall be combined as necessary to produce a mixture proportioned within the master gradation limits shown in the project documents, and meeting the uniformity tolerances listed in Table 1. The master gradation range is to be used for establishing mix design only. Topsoil, clay, or loam shall not be added to aggregates which are to be used in plant mixed HMA mixtures.

c. Construction. After the job-mix-formula is established, the aggregate gradation and the binder content of the HMA mixture furnished for the work shall be maintained within the Range 1 uniformity tolerance limits permitted for the job-mix-formula specified in Table 1. However, if deviations are predominantly either below or above the job-mix-formula, the Engineer may order alterations in the plant to bring the mixture to the job-mix-formula. If two consecutive aggregate gradations on one sieve, or binder contents as determined by the field tests, are outside Range 1 but within Range 2 tolerance limits, the Contractor shall suspend all operations. Contract time will continue during these times when the plant is down. Before resuming any production, the Contractor shall propose, for the Engineer's approval, all necessary alterations to the materials or plant so that the job-mix-formula can be maintained. The Engineer, after evaluating for effects on AWI and mix design properties, will approve or disapprove such alterations.

Acceptance sampling and testing will be performed by the Engineer using the sampling method and testing option selected by the Engineer. Each day of production, a minimum of two samples will be obtained for each mix type. Acceptance testing will be performed at the frequency specified by the Engineer. No less than three samples shall be obtained for each mix type. Quality control measures to insure job control are the responsibility of the Contractor.

The crushed particle content of the aggregate used in the HMA mixture shall not be more than 10 percentage points above or below the crushed particle content used in the job-mix-formula nor less than the minimum specified for the aggregate in the project documents.

Pavement density will be measured by the Engineer with a Nuclear Density Gauge using the Gmm from the Job Mix Formula (JMF) for the density control target. The required in place density of the HMA mixture shall be 92.0 - 96.0% of the density control target. The Contractor is responsible for establishing a rolling pattern that will achieve the required in place density.

Table 1: Uniformity Tolerance Limits for HMA Mixtures

PARAMETER	TOP & LEVELING COURSE		BASE COURSE	
	* Range 1	Range 2	* Range 1	Range 2
Binder Content	± 0.40	± 0.50	± 0.40	± 0.50
% Passing # 8 and Larger Sieves	± 5.0	± 8.0	± 7.0	± 9.0
% Passing # 30 Sieve	± 4.0	± 6.0	± 6.0	± 9.0
% Passing # 200 Sieve	± 1.0	± 2.0	± 2.0	± 3.0

*This range allows for normal mixture and testing variations. The mixture shall be proportioned to test as closely as possible to the Job-Mix-Formula.

d. Rejected Mixtures. If for any one mixture, two consecutive aggregate gradations on one sieve or binder contents as determined by field tests exceed the uniformity tolerance of Range 2 under Table 1, or do not meet the minimum requirements for crushed particle content specified in the project documents, the mixture will be rejected. If such mixtures are placed in a pavement, the remaining portions of the failing field samples (split sample) will be sent to the MDOT Central Laboratory to confirm the field test results. If the Laboratory's results do not confirm the field test results and there are no price adjustments required due to test failures on the asphalt binder, then no price adjustments will be made for the mixture involved. If the Laboratory's results confirm the field test results and if, in the Engineer's judgment, the defective mixture can remain in place and there are no price adjustments required due to test failures on the asphalt binder, the contract unit price for the defective mixture involved, as determined from field tests, will be decreased on the following basis:

The contract unit price for material outside of Range 2 or with crushed particle content below that specified in the project documents will be decreased 25 percent.

If three consecutive aggregate gradations on one sieve, or bitumen contents as determined by field tests are outside Range 1 but within Range 2 tolerance limits, the mixture produced from the time the third sample was taken until the gradation, or bitumen content is corrected back into Range 1 will be decreased in contract unit price by 10 percent. Field tests indicating that mixtures are subject to the 10 percent penalty will be confirmed in the same manner as mixtures subject to the 25 percent penalty as described herein.

ROLLING OF THE HMA MIXTURE

Nuclear gauge testing requirements will be waived; the rolling operation will be controlled by the "Number of Rollers Method" shown below.

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

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

METHOD OF PAYMENT FOR HMA MIXTURES

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

<u>PAY ITEM</u>	<u>PAY UNIT</u>
HMA 13A	Ton
HMA 3C, MOD	Ton
HMA 4C, MOD	Ton
HMA 4E1, MOD	Ton

SHOULDER, CI II, LM

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

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

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

METHOD OF PAYMENT FOR SHOULDER, CI II, LM

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

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

PAVEMENT FOR BUTT JOINTS, REM

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

METHOD OF PAYMENT FOR PAVEMENT FOR BUTT JOINTS, REM

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

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

COLD MILLING HMA SURFACE

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

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

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

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

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

METHOD OF PAYMENT FOR COLD MILLING HMA SURFACE

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

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

VALVE BOX, ADJ

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

METHOD OF PAYMENT FOR WATER VALVE BOX, ADJ

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

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

PAVEMENT MARKING, WATERBORNE, 4-INCH, WHITE

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

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

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

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

PAVEMENT MARKING, WATERBORNE, 4-INCH, YELLOW

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

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

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

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

MONUMENT BOX, ADJ

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

METHOD OF PAYMENT FOR MONUMENT BOX, ADJ

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

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

PAVEMENT MARKING, TEMPORARY

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

METHOD OF PAYMENT FOR PAVEMENT MARKING, TEMPORARY

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

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Pavement Marking, Temp.	Station

FLAG CONTROL

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

METHOD OF PAYMENT FOR FLAG CONTROL

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

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

TRAFFIC CONTROL DEVICES

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

METHOD OF PAYMENT FOR TRAFFIC CONTROL DEVICES

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

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

TOPSOIL SHOULDER, LM

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

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

METHOD OF PAYMENT FOR TOPSOIL SHOULDER

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

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

RESTORATION

This item will include all labor, material, and equipment required to seed with TDS mixture at the rate of 220 lb/acre, mulch, and mulch anchoring according to Section 816.03 of the Standard Specifications. The contractor shall be required to re-seed if less than 75% of the restored area does not get established.

METHOD OF PAYMENT FOR RESTORATION

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

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

MANHOLE, ADJ

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

METHOD OF PAYMENT FOR MANHOLE, ADJ

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

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

TRENCHING

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

METHOD OF PAYMENT FOR TRENCHING

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

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

CONDITIONING AGGREGATE BASE, MOD

Shape the existing Aggregate Base Course to a 2% cross-slope (or as directed by the engineer) within a tolerance of $\pm 1/2$ 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 CONDITIONING AGGREGATE BASE, MOD

The item of "Conditioning Aggregate Base (Modified)" will be paid for by the Station.

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

HMA BASE CRUSHING AND SHAPING

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

METHOD OF PAYMENT FOR HMA BASE CRUSHING AND SHAPING

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

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

AGGREGATE BASE, MOD

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

METHOD OF PAYMENT FOR AGGREGATE BASE, MOD

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

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

CONCRETE PAVEMENT JOINT REPAIR

This item includes all equipment, labor, and materials required to remove the concrete pavement and HMA surface, full depth at varying width according to the Michigan Department of Transportation Standard Plan for Concrete Pavement Repair, Detail 8, Case IV and Section 603.03 of the Michigan Department of Transportation 2012 Standard Specifications for Construction.

The concrete removal width shall be as wide as is necessary to reach sound concrete, as determined by the engineer, on both sides of the joint. Typical width of 12" and typical length of 20'.

METHOD OF PAYMENT FOR CONCRETE PAVEMENT JOINT REPAIR

The item of "Concrete Pavement Joint Repair" will be paid by the foot as measured along the center of the joint.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Concrete Pavement Joint Repair	Foot

HAND PATCHING

This item includes all equipment, labor, and materials required to hand patch and compact HMA 4C in the “Concrete Pavement Repair” areas in accordance with Section 502.03 of the Michigan Department of Transportation 2012 Standard Specifications for Construction and these specifications.

METHOD OF PAYMENT FOR HAND PATCHING

The item of “Hand Patching” will be paid by the ton.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Hand Patching	Ton

PAVEMENT REM, MOD

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

METHOD OF PAYMENT FOR PAVEMENT FOR PAVEMENT REM, MOD

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

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

APPROACH, CI II, LM

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

METHOD OF PAYMENT FOR APPROACH, CI II, LM

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

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

SHOULDER PREP

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

METHOD OF PAYMENT FOR SHOULDER PREP

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

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

CLEARING

This item includes all equipment, labor, and materials required to remove the trees and brush in accordance with Section 201 of the Michigan Department of Transportation 2012 Standard Specifications for Construction and these specifications.

METHOD OF PAYMENT FOR CLEARING

The item of "Clearing" will be paid by the lump sum.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Clearing	LS

ALLEGAN COUNTY ROAD COMMISSION

ALLEGAN, MICHIGAN

GENERAL SPECIFICATIONS

MICHIGAN DEPARTMENT OF TRANSPORTATION – STANDARD SPECIFICATIONS

The work covered by the plans and specifications shall be done in accordance with the 2012 Michigan Department of Transportation Standard Specifications for Construction, except as qualified in supplemental specifications and special provisions of the Allegan County Road Commission or as agreed to in writing at the time of the award of the contract. The SPECIAL PROVISION FOR PLANT MIXED BITUMINOUS MIXTURES of the Michigan Department of Transportation Bureau of Highways (1-30-96) shall also be a part of this contract.

DEFINITION OF TERMS

See Section 101.03 of Michigan Department of Transportation Specifications.

SPECIAL CONDITIONS

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

THE WORK

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

RESPONSIBILITIES OF CONTRACTOR

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

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

RESPONSIBILITIES OF CONTRACTOR (con't)

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

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

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

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

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

RESPONSIBILITIES OF CONTRACTOR (con't)

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

INDEMNIFICATION

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

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

INSURANCE

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

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

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

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

a. Comprehensive general liability including completed operations

(1) \$ 500,000 each occurrence

b. Property damage

(1) \$ 500,000 each occurrence

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

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

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

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

Cancellation, Renewal or Modification (con't)

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

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

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

PROGRESS CLAUSE

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

PROSECUTION OF THE WORK

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

ESTIMATED QUANTITIES

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

FINAL PAYMENT

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

AFFIRMATIVE ACTION POLICY (EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER)

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

CONTRACT BONDS

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

No Bonds will be required for contracts of less than \$5,000.00.

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. LH 4801 – WAYLAND TOWNSHIP – On Gregorville Road from 10th Street to 6th Street – 2.03 miles

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about August 1, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

1. LH 4801 – WAYLAND TOWNSHIP – On Gregorville Road from 10th Street to 6th Street
– 2.03 miles

HMA 13A, MOD – **PG 64-28**

SHOULDER, CL II, LM

APPROACH, CL II, LM

TOPSOIL SHOULDER, LM

RESTORATION

SHOULDER PREP

CONDITIONING AGGREGATE BASE

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, WHITE

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

MONUMENT BOX, ADJ

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing surface then placing a HMA 13A, Mod leveling course 26' – 30' wide at an average yield of 165 lb/syd and a HMA 13A, Mod surface course 26' – 30' wide at an average yield of 165 lb/syd. A 2' wide gravel shoulder will then be placed from the POB to POE except where valley curb or guardrail exists. A 2' wide topsoil shoulder will be placed in yard areas where valley gutter or a 5' paved shoulder is constructed.

The work shall also include furnishing and applying Bond Coat (included in HMA items), MDOT Standard Specifications MS-2a or SS-1h before placing the HMA. Bond Coat will be placed at the rate of 0.05 – 0.10 gallons per square yard prior to placing HMA. Intersections, driveway approaches, spillways, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to 21+75	26' HMA	2' Rt & Lt
21+75 to 23+75	28' HMA	2' Rt, 0' Lt
23+75 to 26+75	30' HMA	0' Rt & Lt
26+75 to 53+25	26' HMA	2' Rt & Lt
53+25 to 56+75	28' HMA	2' Rt, 0' Lt
56+75 to 80+50	26' HMA	2' Rt & Lt
80+50 to 83+25	30' HMA	0' Rt & Lt
83+25 to 85+75	28' HMA	2' Rt, 0' Lt
85+75 to 91+50	26' HMA	2' Rt & Lt
91+50 to 97+50	28' HMA	0' Rt, 2' Lt
97+50 to POE	26' HMA	2' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	Intersection of 10th Street (Reference)
0+45	POB, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
3+50 Rt	HMA Drive, match with HMA
6+00 Rt	HMA Drive, match with HMA
7+70 Rt	Concrete Drive, match with HMA
19+00 Lt	HMA Drive, match with HMA
21+60 Lt	HMA Drive, match with HMA
21+75 Lt	Begin HMA valley gutter
23+75 Lt	End HMA valley gutter
23+75 Rt & Lt	Begin 4' paved shoulder
26+37	Monument Box, Adj
26+75 Rt & Lt	End 4' paved shoulder
33+20 Rt	HMA Drive, match with HMA
47+10 Lt	HMA Drive, match with HMA
51+40 Lt	Concrete Drive, match with HMA
53+25 Lt	Begin HMA valley gutter
55+90 Rt	Concrete Drive, match with HMA
56+75 Lt	End HMA valley gutter
57+40 Rt	Intersection of 8th Street, pave approach
77+30 Lt	Concrete Drive, match with HMA
80+50 Rt & Lt	Begin HMA valley gutter
83+25 Rt	End HMA valley gutter
85+75 Lt	End HMA valley gutter
91+50 Rt	Begin HMA valley gutter
97+50 Rt	End HMA valley gutter
99+50 Rt	Concrete Drive, match with HMA
105+10 Lt	HMA Drive, match with HMA

Miscellaneous Items of Work Quantity (Cont.)

106+50 Rt & Lt	Intersection of 6th Street, pave approach LT Pavement for Butt Joints, Rem (40' x 12') 53 Syd Rt
107+50	POE, Pavement for Butt Joints, Rem (40' x 12') 53 Syd

2. LH 4824 – WAYLAND TOWNSHIP – On 8th Street from M-179 to 500' south – 0.09 miles

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

2. LH 4824 – WAYLAND TOWNSHIP – On 8th Street from M-179 to 500' south – 0.09 miles

HMA 13A, MOD

SHOULDER, CL II, LM

APPROACH, CL II, LM

SHOULDER PREP

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, WATERBORNE, 4 INCH, WHITE

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing HMA surface, then placing a HMA 13A, Mod surface course 32' wide at an average yield of 220 lb/syd. A 1' gravel shoulder will then be placed from the POB to POE.

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

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

Miscellaneous Items of Work Quantity

0+00	POB, South edge of M-179, Pavement for Butt Joints, Rem (50'x 12') 67 Syd
5+00	POE, Pavement for Butt Joints, Rem (40'x 12') 53 Syd

3. LH 4803 - SAUGATUCK TOWNSHIP – On 65th Street from Riverside Road to 128th Avenue – 0.97 miles

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

3. LH 4803 - SAUGATUCK TOWNSHIP – On 65th Street from Riverside Road to 128th Avenue – 0.97 miles

HMA 13A, MOD

SHOULDER, CL II, LM

APPROACH, CL II, LM

PAVEMENT REM, MOD

SHOULDER PREP

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, WHITE

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

MONUMENT BOX, ADJ

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing surface then placing a HMA 13A, Mod surface course 28' wide at an average yield of 220 lb/syd. A 2' wide gravel shoulder will then be placed from the POB to POE except where valley curb or guardrail exists.

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

Intersections, driveway approaches, spillways, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA13A, Mod.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to POE	28' HMA	2' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	Intersection of 128th Avenue
0+12	POB, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
5+54 Rt	Intersection of Pepper Brooke Lane, Pavement for Butt Joints, Rem (30' x 6') 20 Syd
23+16 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
25+90	Monument Box, Adjust
28+37 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
28+78 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
30+98 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
31+22 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
36+85 Lt	Intersection of Leos Lane, Pavement for Butt Joints, Rem (30' x 6') 20 Syd
38+48 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
43+41 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
44+41 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
48+70 Rt to 48+95 Rt	HMA Drive, Pavement for Butt Joints, Rem (30' x 6') 20 Syd
50+36 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
51+40	POE, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
51+54	Intersection of Riverside Drive (Reference)

4. LH 4804 – SAUGATUCK TOWNSHIP – On 66th Street from Cemetery Street to 135th Avenue – 0.60 miles

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

4. LH 4804 – SAUGATUCK TOWNSHIP – On 66th Street from Cemetery Street to 135th Avenue – 0.60 miles

HMA 13A, MOD

SHOULDER, CL II, LM

APPROACH, CL II, LM

SHOULDER PREP

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, WHITE

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

TRAFFIC CONTROL DEVICES

MONUMENT BOX, ADJUST

SCOPE OF THE WORK

The work will consist of preparing the existing surface then placing a HMA 13A, Mod surface course 28' wide at an average yield of 220 lb/syd. A 2' wide gravel shoulder will then be placed from the POB to POE except where valley curb or guardrail exists.

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

Intersections, driveway approaches, spillways, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA13A, Mod.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to POE	28' HMA	2' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	POB, N. side of Cemetery Road, Pavement for Butt Joints, Rem (30' x 12') 40 Syd
2+62 Rt	Daffodil Avenue (Reference)
3+51 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
6+94	South edge of Holland Street, Pavement for Butt Joints, Rem (30' x 12') 40 Syd
7+16	Intersection of Holland Street (Reference)
7+34	North edge of Holland Street, Pavement for Butt Joints, Rem (30' x 12') 40 Syd
7+40	HMA Path, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
8+50 Rt & Lt	Begin HMA valley curb
9+50 Rt & Lt	End HMA valley curb
10+08 Lt	HMA Drive, Pavement for Butt Joints, Rem (30' x 6') 20 Syd
19+43 Lt	Intersection of Dugout Road (Reference)
31+42	POE, South side of 135th Avenue, Pavement for Butt Joints, Rem (30' x 12') 40 Syd

5. LH 4805 - SAUGATUCK TOWNSHIP – On 129th Avenue from 66th Street to I-196 – 0.48 miles

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

5. LH 4805 - SAUGATUCK TOWNSHIP – On 129th Avenue from 66th Street to I-196 – 0.48 miles

HMA 13A, MOD

SHOULDER, CL II, LM

APPROACH, CL II, LM

SHOULDER PREP

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, WHITE

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing surface then placing a HMA 13A, Mod surface course 28' wide at an average yield of 220 lb/syd. A 2' wide gravel shoulder will then be placed from the POB to POE except where valley curb or guardrail exists.

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

Intersections, driveway approaches, spillways, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA13A, Mod.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to POE	28' HMA	3' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	Intersection of 66th Street (Reference)
0+12	POB, N. side of Cemetery Road, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
10+65 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
24+23	Begin 120' diameter cul-de-sac
25+43	POE, End cul-de-sac

6. LH 4806 – SAUGATUCK TOWNSHIP – On Bandle Street from Riverside Drive to Elizabeth Street – 0.12 miles

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

6. LH 4806 – SAUGATUCK TOWNSHIP – On Bandle Street from Riverside Drive to Elizabeth Street – 0.12 miles

HMA 13A, MOD

TOPSOIL SHOULDER, LM

RESTORATION

APPROACH, CL II, LM

PAVEMENT REM, MOD

SHOULDER PREP

VALVE BOX, ADJ

PAVEMENT FOR BUTT JOINTS, REM

FLAG CONTROL

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing surface then placing a HMA 13A, Mod surface course 20' wide at an average yield of 220 lb/syd. A 2' wide topsoil shoulder will then be placed from the POB to POE except where valley curb or guardrail exists.

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

Intersections, driveway approaches, spillways, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Topsoil Shoulder Width</u>
POB to POE	20' HMA	2' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	POB, East side of Riverside Drive, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
0+01 Rt	Valve Box, Adjust
0+08 Lt	Valve Box, Adjust
1+91 Rt	Concrete walk, Pavement Rem, Mod (5' x 6') 4 Syd
2+55 Lt to 3+15 Lt	Concrete Drive, Pavement Rem, Mod (60' x 10') 67 Syd
3+33 Lt	Concrete Drive, Pavement Rem, Mod (16' x 10') 18 Syd
3+54	HMA path, Pavement for Butt Joints, Rem (12' x 10') 13 Syd
3+73	Pavement for Butt Joints, Rem (40' x 12') 53 Syd
3+88	Intersection of Holland Street (Reference)
4+15	Pavement for Butt Joints, Rem (40' x 12') 53 Syd
6+18	Pavement for Butt Joints, Rem (40' x 12') 53 Syd
6+24	Intersection of Elizabeth Street (Reference)

7. LH 4810 – HEATH/OVERISEL TOWNSHIP – On 136th Avenue from 41st Street to 38th Street – 1.36 miles

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

7. LH 4810 – HEATH/OVERISEL TOWNSHIP – On 136th Avenue from 41st Street to 38th Street – 1.36 miles

HMA 13A, MOD – **PG 64-28**

CONDITIONING AGGREGATE BASE

SHOULDER, CL II, LM

APPROACH, CL II, LM

TOPSOIL SHOULDER, LM

RESTORATION

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, WHITE

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

MONUMENT BOX, ADJ

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing surface then placing a HMA 13A, Mod leveling course 22' – 32' wide at an average yield of 165 lb/syd and a HMA 13A, Mod surface course 22' – 32' wide at an average yield of 165 lb/syd. A 5' wide gravel shoulder will then be placed from the POB to POE except where valley curb, 5' paved shoulder or guardrail exists. A 2' wide topsoil shoulder will be placed in yard areas where valley gutter or a 5' paved shoulder is constructed.

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

Intersections, driveway approaches, spillways, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to 2+75	28' HMA	0' Rt, 2' Lt
2+75 to 29+00	32' HMA	0' Rt & Lt
29+00 to 50+00	22' HMA	5' Rt & Lt
50+00 to 55+00	32' HMA	0' Rt & Lt
55+00 to 58+75	22' HMA	5' Rt & Lt
58+75 to 60+75	32' HMA	0' Rt & Lt
60+75 to 64+25	22' HMA	5' Rt & Lt
64+25 to 66+50	28' HMA	5' Rt, 0' Lt
66+50 to POE	22' HMA	5' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	Intersection of Rabbit River Drive (Reference)
0+35	POB, Pavement for Butt Joints, Rem (40' x 12') 53 Syd
0+35 Rt	Begin HMA valley gutter
2+75 Lt	Begin HMA valley gutter
16+00	Suspend leveling course, pave surface course only
20+05	Monument Box, Adjust
20+15	Monument Box, Adjust
26+50	Resume leveling course
29+00 Rt & Lt	End HMA valley gutter
46+25	Monument Box, Adjust
46+53	Monument Box, Adjust
50+00 Rt & Lt	Begin 5' paved shoulder
55+00 Rt & Lt	End 5' paved shoulder
58+75 Rt & Lt	Begin HMA valley gutter
60+75 Rt & Lt	End HMA valley gutter
64+25 Lt	Begin HMA valley gutter
66+50 Lt	End HMA valley gutter
72+34	POE, Pavement for Butt Joints, Rem (40' x 12') 53 Syd

8. LH 4814 – SALEM TOWNSHIP – On 138th Avenue from 26th Street to 24th Street – 1.02 mile

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

8. LH 4814 – SALEM TOWNSHIP – On 138th Avenue from 26th Street to 24th Street – 1.02 mile

HMA 13A, MOD – **PG 64-28**

CONDITIONING AGGREGATE BASE

SHOULDER, CL II, LM

APPROACH, CL II, LM

TOPSOIL SHOULDER, LM

RESTORATION

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, WHITE

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

MONUMENT BOX, ADJ

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing surface then placing a HMA 13A, Mod leveling course 28' – 32' wide at an average yield of 165 lb/syd and a HMA A 2' wide gravel shoulder will then be placed from the POB to POE except where valley curb or guardrail exists.

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

Intersections, driveway approaches, spillways, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA13A, Mod.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to 9+00	28' HMA	2' Rt & Lt
9+00 to 15+50	32' HMA	0' Rt & Lt
15+50 to POE	28' HMA	2' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	Intersection of 26th Street (Reference)
0+16	POB, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
9+00 Rt & Lt	Begin 5' paved shoulder
11+50 Rt	Begin HMA valley gutter
12+50 Lt	Begin HMA valley gutter
13+25 Lt	End HMA valley gutter
13+50 Lt	HMA Drive, match with HMA
14+25 Rt	End HMA valley gutter
17+60 Lt	HMA Drive, match with HMA
26+50	Monument Box, Adjust
28+90 Rt	HMA Drive, match with HMA
30+25 Lt	HMA Drive, match with HMA
52+80	Monument Box, Adjust
52+80 Lt	Intersection of 24th Street, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
54+00	POE, End paving

9. LH 4815 – SALEM TOWNSHIP – On 137th Avenue from 30th Street to 28th Street – 0.98 miles

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

9. LH 4815 – SALEM TOWNSHIP – On 137th Avenue from 30th Street to 28th Street – 0.98 miles

HMA 13A, MOD

SHOULDER, CL II, LM

APPROACH, CL II, LM

SHOULDER PREP

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, WHITE

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

MONUMENT BOX, ADJ

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing surface then placing a HMA 13A, Mod surface course 28' wide at an average yield of 220 lb/syd. A 2' wide gravel shoulder will then be placed from the POB to POE except where valley curb or guardrail exists.

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

Intersections, driveway approaches, spillways, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA13A, Mod.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to 39+70	28' HMA	2' Rt & Lt
39+70 to 44+64	30' HMA	2' Rt, 0' Lt
44+64 to 45+69	28' HMA	2' Rt & Lt
45+69 to 45+86	30' HMA	0' Rt, 2' Lt
45+86 to 46+91	32' HMA	0' Rt & Lt
46+91 to 47+10	30' HMA	2' Rt, 0' Lt
47+10 to POE	28' HMA	2' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	Intersection of 30th Street
0+18	POB, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
19+59 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
21+95 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
25+62 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
26+75	Monument Box, Adjust
42+09 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
42+98 Rt	Intersection of Westwoods Drive, Pavement for Butt Joints, Rem (200' x 12') 267 Syd
39+70 Lt	Begin valley curb
44+64 Lt	End valley curb
45+69 Rt	Begin Guardrail, pave to face
45+86 Lt	Begin Guardrail, pave to face
46+91 Rt	End Guardrail
47+10 Lt	End Guardrail
48+95	Intersection of Creekside Drive, Pavement for Butt Joints, Rem (250' x 12') 333 Syd
50+51 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
52+00	POE, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
52+19	Intersection of 28th Street (Reference)

10. LH 4818 – CASCO TOWNSHIP – On 107th Avenue from 70th Street to 68th 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 September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

10. LH 4818 – CASCO TOWNSHIP – On 107th Avenue from 70th Street to 68th Street –
0.99 miles

HMA 13A, MOD

SHOULDER, CL II, LM

APPROACH, CL II, LM

SHOULDER PREP

PAVEMENT, REM, MOD

MONUMENT BOX, ADJUST

PAVEMENT FOR BUTT JOINTS, REM

COLD MILLING HMA SURFACE

PAVEMENT MARKING, TEMPORARY

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

FLAG CONTROL

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing HMA surface, then placing a HMA 13A, Mod leveling course 22' wide at a rate of 1,500 ton/mile, and a HMA 13A, Mod surface course 22' wide at an average yield of 220 lb/syd. A 2' wide gravel shoulder will then be placed from the POB to POE.

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

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

Miscellaneous Items of Work Quantity

0+00	Intersection of 70th Street (Reference)
0+10	POB, Pavement for Butt Joints, Rem (40' x 12') 53 Syd
3+24Rt	Begin Guardrail, pave to face
3+98Lt	Begin Guardrail, pave to face
8+16Rt	Conc C&G Bridge Approach Begin
8+19Lt	Conc C&G Bridge Approach Begin
8+35Rt	Conc C&G Bridge Approach End
8+35Rt	Guardrail End Type B
8+35Rt	Bridge Rail Begin
8+38Lt	Conc C&G Bridge Approach End
8+38Lt	Guardrail End Type B
8+38Lt	Bridge Rail End
8+38	Begin Concrete Bridge Deck, Pavement for Butt Joints, Rem (30' x 12') 40 Syd
10+59Rt	End Bridge Rail / Begin Guardrail Type B
10+59Rt	Begin C&G Approach
10+63	End Concrete Bridge Deck, Pavement for Butt Joints, Rem (30' x 12') 40 Syd
10+65Lt	End Bridge Rail / Begin Guardrail Type B
10+77Rt	End C&G Approach
10+85Lt	End C&G Approach
16+66Rt	End Guardrail
16+66Lt	End Guardrail
29+54Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
30+91Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
38+94	Begin Timber Bridge Deck, Cold Milling HMA Surface (30' x 100') 333 Syd
39+47	End Timber Bridge Deck
46+68Lt	Concrete Drive, Pavement Rem, Mod (16' x 10') 18 Syd
52+36	Intersection of 68th Street, Pavement for Butt Joints, Rem (40' x 12') 53 Syd, Pave approach to south
52+36	Monument Box, Adjust
52+60	POE, Pavement for Butt Joints, Rem (40' x 12') 53 Syd

11. LH 4819 – OVERISEL TOWNSHIP – On 47th Street from 143rd Avenue to 146th Avenue
– 1.50 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 28, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

11. LH 4819 – OVERISEL TOWNSHIP – On 47th Street from 143rd Avenue to 146th Avenue
– 1.50 mile

HMA 13A, MOD

SHOULDER, CL II, LM

APPROACH, CL II, LM

SHOULDER PREP

PAVEMENT, REM, MOD

PAVEMENT FOR BUTT JOINTS, REM

MONUMENT BOX, ADJUST

PAVEMENT MARKING, TEMPORARY

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

FLAG CONTROL

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing HMA surface, then placing a HMA 13A, Mod surface course 22' wide at an average yield of 220 lb/syd. A 5' wide gravel shoulder will then be placed from the POB to POE on all streets.

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

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

Miscellaneous Items of Work Quantity

-0+50	POB, Pavement for Butt Joints, Rem (40' x 12')	53 Syd
0+00	Monument Box, Adjust	
0+00	Intersection of 143rd Avenue, Pavement for Butt Joints, Rem (40' x 12')	53 Syd
3+39 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
5+02 Rt to 5+60 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6')	11 Syd
5+84 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
15+28 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
26+12	Monument Box, Adjust	
52+48	Monument Box, Adjust	
69+97 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
71+71 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
75+39 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
78+46	POE, Pavement for Butt Joints, Rem (40' x 12')	53 Syd
78+58	Intersection of 146th Avenue (Reference)	

12. LH 4820 - OVERISEL TOWNSHIP – On 147th Avenue from 40th Street to 38th Street –
0.98 mile

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

12. LH 4820 - OVERISEL TOWNSHIP – On 147th Avenue from 40th Street to 38th Street –
0.98 mile

HMA 13A, MOD

PAVEMENT FOR BUTT JOINTS, REM

SHOULDER PREP

SHOULDER, CL II, LM

APPROACH, CL II, LM

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

MONUMENT BOX, ADJ

FLAG CONTROL

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing surface, then placing a HMA 13A, Mod surface course 22' wide at an average yield of 220 lb/syd. A 5' wide gravel shoulder will then be placed from the POB to POE.

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

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

Miscellaneous Items of Work Quantity

0+00	Intersection of 40th Street (Reference)
0+22	POB, Pavement for Butt Joints, Rem (40' x 12') 53 Syd
26+25	Monument Box, Adjust
38+88 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
52+00	POE, Pavement for Butt Joints, Rem (40' x 12') 53 Syd
52+31	Intersection of 38th Street (Reference)

13. LH 4821 – OVERISEL TOWNSHIP – On 144th Avenue from 38th Street to 36th Street –
0.97 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 28, 2016. This project will be ready to pave on or about August 8, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

13. LH 4821 – OVERISEL TOWNSHIP – On 144th Avenue from 38th Street to 36th Street –
0.97 mile

HMA 13A, MOD

SHOULDER, CL II, LM

APPROACH, CL II, LM

SHOULDER PREP

PAVEMENT REM, MOD

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

TRAFFIC CONTROL DEVICES

MONUMENT BOX, ADJUST

SCOPE OF THE WORK

The work will consist of preparing the existing HMA surface, then placing a HMA 13A, Mod surface course 22' wide at an average yield of 220 lb/syd. A 5' wide gravel shoulder will then be placed from the POB to POE.

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

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

Miscellaneous Items of Work Quantity

0+00	Intersection of 38th Street (Reference)
0+09	POB, Pavement for Butt Joints, Rem (40' x 12') 53 Syd
12+36 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
12+67 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
25+63	Monument Box, Adjust
30+84 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
44+71 Lt	Begin HMA valley curb
50+62 Lt	End HMA curb
51+21	POB, Pavement for Butt Joints, Rem (40' x 12') 53 Syd
51+30	Intersection of 36th Street

14. LH 4822 – OVERISEL TOWNSHIP – On 140th Avenue from 38th Street to the east township line – 0.99 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 28, 2016. This project will be ready to pave on or about August 8, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

14. LH 4822 – OVERISEL TOWNSHIP – On 140th Avenue from 38th Street to the east township line – 0.99 mile

HMA 13A, MOD

SHOULDER, CL II, LM

APPROACH, CL II, LM

SHOULDER PREP

PAVEMENT REM, MOD

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

TRAFFIC CONTROL DEVICES

MONUMENT BOX, ADJUST

SCOPE OF THE WORK

The work will consist of preparing the existing HMA surface, then placing a HMA 13A, Mod surface course 22' wide at an average yield of 220 lb/syd. A 5' wide gravel shoulder will then be placed from the POB to POE.

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

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

Miscellaneous Items of Work Quantity

0+00	Intersection of 38th Street
0+16	POB, Pavement for Butt Joints, Rem (40' x 12') 53 Syd
0+75 Rt	HMA parking lot, Pavement for Butt Joints, Rem (120' x 6') 80 Syd
0+75 Lt	HMA parking lot, Pavement for Butt Joints, Rem (150' x 6') 100 Syd
3+10 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
3+48 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
4+62 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
5+82 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
27+24 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
29+65 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
33+08 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
35+47 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
36+06 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
36+69 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
39+10	mon box
39+28 Rt	Intersection of 37th Street, Pavement for Butt Joints, Rem (40' x 12') 53 Syd
39+58 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
45+80 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
52+20	Monument Box, Adjust
52+20	POB, Pavement for Butt Joints, Rem (40' x 12') 53 Syd

15. LH 4812 – ALLEGAN / TROWBRIDGE TOWNSHIP – On 34th Street from 110th Avenue to 113th Avenue – 1.38 miles

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

15. LH 4812 – ALLEGAN / TROWBRIDGE TOWNSHIP – On 34th Street from 110th Avenue to 113th Avenue – 1.38 miles

HMA 13A, MOD – **PG 64-28**

CONDITIONING AGGREGATE BASE

SHOULDER, CL II, LM

APPROACH, CL II, LM

TOPSOIL SHOULDER, LM

RESTORATION

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, WHITE

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

MONUMENT BOX, ADJ

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing surface then placing a HMA 13A, Mod leveling and surface course over the entire project at a width of 28' – 32' with an average yield of 165 lb/syd each course. A 2' topsoil shoulder will then be placed from the POB to POE except where curb or guardrail exists, locations are shown below.

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA and valley curb will be paid for as HMA 13A, Mod.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to 6+75	28' HMA	2' Rt & Lt
6+75 to 14+00	32' HMA	0' Rt & Lt
14+00 to 24+00	28' HMA	2' Rt & Lt
24+00 to 38+00	32' HMA	0' Rt & Lt
38+00 to 44+00	28' HMA	2' Rt & Lt
44+00 to POE	32' HMA	0' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	Intersection of 110th Avenue (Reference)
4+00	POB, Pavement for Butt Joints, Rem (40' x 12') 53 Syd
6+75 Rt & Lt	Begin HMA valley gutter
9+25 Rt & Lt	End HMA valley gutter, begin 5' paved shoulder
14+00 Rt & Lt	End 5' paved shoulder
24+00 Rt & Lt	Begin 5' paved shoulder
24+75 Rt & Lt	Begin HMA valley gutter
26+40	Monument Box, Adjust
29+00 Rt	HMA Drive, match with HMA
29+50 Rt & Lt	End HMA valley gutter, begin 5' paved shoulder
38+00 Rt & Lt	End 5' paved shoulder
44+00 Rt & Lt	Begin 5' paved shoulder
56+75 Rt	Begin HMA valley gutter
58+40 Lt	HMA Drive, match with HMA
59+50 Rt	End HMA valley gutter, begin 5' paved shoulder
71+25 Lt	Begin HMA valley gutter
74+25 Lt	End HMA valley gutter, begin 5' paved shoulder
74+60 Rt	HMA Drive, match with HMA
76+62	POE, Pavement for Butt Joints, Rem (50' x 12') 67 Syd

16. LH 4813 – ALLEGAN TOWNSHIP – On 34th Street from 113th Avenue to Monroe Road
– 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 September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

16. LH 4813 – ALLEGAN TOWNSHIP – On 34th Street from 113th Avenue to Monroe Road
– 1.49 miles

HMA 13A, MOD

SHOULDER PREP

PAVEMENT REM, MOD

APPROACH, CL II, LM

SHOULDER, CL II, LM

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, WHITE

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

TRAFFIC CONTROL DEVICES

MONUMENT BOX, ADJUST

SCOPE OF THE WORK

The work will consist of preparing the existing surface, then placing a HMA 13A, Mod leveling course 30' wide at an average yield of 165 lb/syd and an HMA 13A, Mod surface course at an average yield of 220 lb/syd from 113th Avenue to 115th Avenue. Place a HMA 13A, Mod surface course 30' wide at an average yield of 275 lb/syd from 115th Avenue to Monroe Road. A 1' gravel shoulder will then be placed from the POB to POE except where valley curb or guardrail exists, locations are shown below. **A rubber tire roller will be required on the leveling course from 113th Avenue to 115th Avenue to obtain compaction in rutted areas.**

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA and valley curb will be paid for as HMA 13A, Mod.

HMA Widths:

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

Miscellaneous Items of Work Quantity

26+46	Intersection of 113th Avenue (Reference)
26+62	POB, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
30+10 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
32+92 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
33+92 rT	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
33+92 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
36+18 Lt	Intersection of Red Fox Lane, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
36+70 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
37+60 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
39+42 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
39+76 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
41+29 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
42+46 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
42+59 Rt	Intersection of Sharon Drive (Reference)
43+39 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
44+00 Lt	Intersection of Wispering Oaks (Reference)
49+27 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
50+10 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
50+82 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
51+63 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
52+01	Monument Box, Adjust
52+47 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
54+69 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
54+97 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
61+88 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
62+51 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
65+22 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
65+61 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
67+40 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
68+81 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
69+00 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
72+15 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
75+15 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
78+73	Pavement for Butt Joints, Rem (50' x 12') 67 Syd
78+89	Intersection of 115th Avenue (Reference)
79+05	Pavement for Butt Joints, Rem (50' x 12') 67 Syd
81+95 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
82+85 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
84+46 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
84+97 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd

Miscellaneous Items of Work Quantity (Cont.)

87+13 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6')	11 Syd
88+00 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
91+54 Rt	Intersection of 116th Avenue, Pavement for Butt Joints, Rem (50' x 12')	67 Syd
91+84	Monument Box, Adjust	
92+81 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
94+34 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
94+67 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6')	11 Syd
95+80 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
95+85 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
96+68 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
96+75 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
97+68 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
98+70 Rt	Intersection of Marvin Avenue, Pavement for Butt Joints, Rem (50' x 12')	67 Syd
98+70 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
99+25 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
100+03 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
100+65 Rt	Intersection of Carrie Avenue, Pavement for Butt Joints, Rem (50' x 12')	67 Syd
101+06 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
102+57 Rt	Intersection of Bruce Avenue, Pavement for Butt Joints, Rem (50' x 12')	67 Syd
103+47 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
104+43 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
104+66	POE, Pavement for Butt Joints, Rem (50' x 12')	67 Syd
104+82	Intersection of Monroe Road (Reference)	

17. LH 4825 – ALLEGAN TOWNSHIP – On Bayview Drive south of 122nd Avenue – 0.35 mile

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2015.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

17. LH 4825 – ALLEGAN TOWNSHIP – On Bayview Drive south of 122nd Avenue – 0.35
mile

HMA 13A, MOD

SHOULDER, CL II, LM

APPROACH, CL II, LM

SHOULDER PREP

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, WATERBORNE, 4 INCH, WHITE

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing HMA surface, then placing a HMA 13A, Mod surface course 28' wide at an average yield of 220 lb/syd. A 1' wide gravel shoulder will then be placed from the POB to POE except where curb or guardrail exists, locations are shown below.

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to POE	28' HMA	1' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	POB, End of cul-de-sac, begin paving
0+00	Private drive south, feather joint
0+40 Rt	Intersection of Wegnar Drive, feather joint
2+25 Lt	Intersection of Schaffer Drive, feather joint
16+18 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
18+40	POE, Pavement for Butt Joints, Rem (50'x 12') 67 Syd
18+60	Intersection of 122nd Avenue (Reference)

18. LH 4826 – ALLEGAN TOWNSHIP – On Rose Drive west of 30th Street – 0.16 mile

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

18. LH 4826 – ALLEGAN TOWNSHIP – On Rose Drive west of 30th Street – 0.16 mile

HMA 13A, MOD

SHOULDER, CL II, LM

APPROACH, CL II, LM

PAVEMENT REM, MOD

SHOULDER PREP

PAVEMENT FOR BUTT JOINTS, REM

FLAG CONTROL

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing HMA surface, then placing a HMA 13A, Mod surface course 22' wide at an average yield of 220 lb/syd. A 2' wide gravel shoulder will then be placed from the POB to POE.

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

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

Miscellaneous Items of Work Quantity

0+00	POB, End of cul-de-sac, Begin paving
0+18 Rt	HMA Drive, Pavement for Butt Joints, Rem (50' x 6') 33 Syd
0+93 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
1+47 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
2+11 Rt	HMA Drive, Pavement for Butt Joints, Rem (30' x 6') 20 Syd
2+73 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
4+66 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
5+30 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
6+72 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
8+70	POE, Pavement for Butt Joints, Rem (50'x 12') 67 Syd
8+85	Intersection of 30th Street (Reference)

19. LH 4827 – ALLEGAN TOWNSHIP – On Center Street east of Bridge Road – 0.13 mile

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 2, 2016. This project will be ready to pave on or about June 13, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

19. LH 4827 – ALLEGAN TOWNSHIP – On Center Street east of Bridge Road – 0.13 mile

HMA 13A, MOD

SHOULDER, CL II, LM

APPROACH, CL II, LM

SHOULDER PREP

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing HMA, then placing a HMA 13A, Mod surface course 24' wide at an average yield of 220 lb/syd. A 2' wide gravel shoulder will then be placed from the POB to POE.

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Shoulder Width</u>
POB to POE	24' HMA	2' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	POB, West Edge of Bridge Road, Pavement for Butt Joints, Rem (50'x 12') 67 Syd
0+10 Lt & Rt	Concrete Sidewalk, match with HMA
1+65 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
6+60 Lt & Rt	Concrete Sidewalk, match with HMA
6+65	POE, Pavement for Butt Joints, Rem (30'x 12') 40 Syd

20. LH 4828 – FILLMORE TOWNSHIP – On 50th Street from 146th Avenue to Ottogan Street – 1.01 mile

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

20. LH 4828 – FILLMORE TOWNSHIP – On 50th Street from 146th Avenue to Ottogan Street – 1.01 mile

HMA 13A, MOD

APPROACH, CL II, LM

SHOULDER, CL II, LM

SHOULDER PREP

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

TRAFFIC CONTROL DEVICES

MONUMENT BOX, ADJUST

SCOPE OF THE WORK

The work will consist of preparing the existing HMA surface, then placing a HMA 13A, Mod surface course 22' wide at an average yield of 220 lb/syd. A 5' wide gravel shoulder will then be placed from the POB to POE.

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

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

Miscellaneous Items of Work Quantity

0+00	Intersection of 146th Avenue (Reference)
0+12	POB, Pavement for Butt Joints, Rem (50'x 12') 67 Syd
7+27 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
9+94 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
26+49	Monument Box, Adjust
41+20 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
53+64	POE, Pavement for Butt Joints, Rem (50'x 12') 67 Syd
53+80	Intersection of Ottogan Street (Reference)

21. LH 4829 – LAKETOWN TOWNSHIP – On 61st Street from 0.29 mile south of 144th Avenue to 147th Avenue – 1.78 mile

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about July 5, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

21. LH 4829 – LAKETOWN TOWNSHIP – On 61st Street from 0.29 mile south of 144th Avenue to 147th Avenue – 1.78 mile

HMA 13A, MOD

SHOULDER, CL II, LM

APPROACH, CL II, LM

PAVEMENT REM, MOD

SHOULDER PREP

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH WHITE

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

MONUMENT BOX, ADJUST

FLAG CONTROL

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing HMA surface, then placing a HMA 13A, Mod surface course 22' wide at an average yield of 220 lb/syd from the POB to 144th Avenue and a HMA 13A, Mod surface course 26' wide from 144th Avenue to the POE. A 1' wide gravel shoulder will then be placed from the POB to POE.

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to 15+17	22' HMA	1' Rt & Lt
15+38 to POE	26' HMA	1' Rt & Lt

Miscellaneous Items of Work Quantity

0+00 Rt	POB, Begin paving
12+21 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
15+17	Pavement for Butt Joints, Rem (50' x 12') 67 Syd
15+31	Intersection of 144th Avenue (Reference)
15+38	Pavement for Butt Joints, Rem (50' x 12') 67 Syd
16+93 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
32+01 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
40+77 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
41+73	Pavement for Butt Joints, Rem (50' x 12') 67 Syd
41+86	Intersection of 145th Avenue (Reference)
41+98	Pavement for Butt Joints, Rem (50' x 12') 67 Syd
46+12 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
47+59 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
47+59 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
48+09 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
48+69 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
53+33 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
54+95	Monument Box, Adjust
55+70 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
56+42 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
58+48 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
58+64 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
63+61 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
68+00	Pavement for Butt Joints, Rem (50' x 12') 67 Syd
68+11	Intersection of 146th Avenue (Reference)
68+29	Pavement for Butt Joints, Rem (50' x 12') 67 Syd
72+32 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
72+77 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
73+59 LT	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
74+34 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
75+71 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
76+05 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
76+05 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
78+99 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
79+58 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
79+92 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
81+24	Monument Box, Adjust
82+55 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
83+27 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
83+27 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
88+27 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
89+21 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd

Miscellaneous Items of Work Quantity (Cont.)

90+21 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
90+79 Rt	HMA Drive, Pavement for Butt Joints, Rem (40' x 6')	27 Syd
91+20 Rt	Concrete Drive, Pavement Rem, Mod (30' x 6')	20 Syd
91+44 Rt	HMA Drive, Pavement for Butt Joints, Rem (40' x 6')	27 Syd
92+47 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6')	11 Syd
92+72 Rt	End 6' shoulder	
94+14	POE, Pavement for Butt Joints, Rem (50' x 12')	67 Syd
94+28	Intersection of 147th Avenue (Reference)	

22. LH 4830 – LAKETOWN TOWNSHIP – On Forest Lane, Castle Avenue, Castle Court, Kingsway Court and Pine Drive north of 146th Avenue – 0.93 miles

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

22. LH 4830 – LAKETOWN TOWNSHIP – On Forest Lane, Castle Avenue, Castle Court, Kingsway Court and Pine Drive north of 146th Avenue – 0.93 miles

HMA 13A, MOD

TOPSOIL SHOULDER, LM

RESTORATION

APPROACH, CL II, LM

SHOULDER PREP

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT REM, MOD

FLAG CONTROL

TRAFFIC CONTROL DEVICES

MANHOLE, ADJUST

VALVE BOX, ADJUST

SCOPE OF THE WORK

The work will consist of preparing the existing HMA surface including milling butt joints at driveways, concrete curb and gutter, and catch basins, then placing a HMA 13A, Mod surface course 24' - 30' wide at an average yield of 220 lb/syd. A 2' wide topsoil shoulder will then be placed from the POB to POE on all roads as directed by the engineer.

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Topsoil Shoulder Width</u>
POB to POE (Forest Lane)	30' HMA	1' Rt & Lt
POB to POE (Castle Avenue)	30' HMA	1' Rt & Lt
POB to POE (Castle Court)	30' HMA	1' Rt & Lt
POB to POE (Kingsway Court)	24' HMA	2' Rt & Lt
POB to POE (Pine Drive)	24' HMA	2' Rt & Lt

Miscellaneous Items of Work Quantity (Forest Lane – 146th Avenue to Cul-de-sac)

0+00	Intersection of 146th Avenue (Reference)
0+18	POE, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
0+18 Rt & Lt	Begin Concrete Curb and Gutter, Pavement for Butt Joints, Rem (20' x 7') 16 Syd each side
0+36 Rt & Lt	End Concrete Curb and Gutter
0+36 Rt & Lt	Begin Valley Curb
0+38	Manhole, Adjust
0+78 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
1+28	Manhole, Adjust
1+43 Lt & Rt	Catch Basin, Pavement for Butt Joints, Rem (12' x 4') 6 Syd
1+89 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
2+36 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
2+36	Manhole, Adjust
2+67 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
3+33 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
4+28 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
4+68 Lt & Rt	Catch Basin, Pavement for Butt Joints, Rem (12' x 4') 6 Syd
5+00	Manhole, Adjust
5+67 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
5+67 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
6+24 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
6+66 Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
6+80 Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
7+31 Rt	Catch Basin, Pavement for Butt Joints, Rem (12' x 4') 6 Syd
7+44	Manhole, Adjust
7+50 Lt & Rt	Intersection of Castle Avenue, match new HMA surface
7+70 Lt	Catch Basin, Pavement for Butt Joints, Rem (12' x 4') 6 Syd
8+63 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
8+63 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
9+18 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
9+55 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
9+61	Manhole, Adjust
10+00 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
10+00 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
10+16 Lt & Rt	Catch Basin, Pavement for Butt Joints, Rem (12' x 4') 6 Syd
10+77	Manhole, Adjust
10+77 Lt & Rt	Begin Concrete Curb and Gutter, Pavement for Butt Joints, Rem (350' x 7') 272 Syd
12+00	POE, End of cul-de-sac, End paving

Miscellaneous Items of Work Quantity (Castle Avenue – Cul-de-sac to Pine Drive)

0+00	POB, Begin paving, Pavement for Butt Joints, Rem (260' x 7') 202 Syd
0+30	Manhole, Adjust
1+00 Lt & Rt	End Concrete Curb and Gutter
1+00 Lt & Rt	Begin Valley Curb
1+23 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
1+41 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
1+98 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
2+24 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
2+35 Lt & Rt	Catch Basin, Pavement for Butt Joints, Rem (12' x 4') 6 Syd
3+24 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
3+24	Manhole, Adjust
3+38 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
4+04	Manhole, Adjust
4+30 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
5+25 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
5+48 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
6+22	Manhole, Adjust
6+32 Lt & Rt	Catch Basin, Pavement for Butt Joints, Rem (12' x 4') 6 Syd
6+72 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
6+97 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
7+32 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
8+15 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
8+32	Manhole, Adjust
8+50 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
8+70 Lt & Rt	Catch Basin, Pavement for Butt Joints, Rem (12' x 4') 6 Syd
9+21 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
10+43	Intersection of Forest Lane, match new HMA surface
12+20	Manhole, Adjust
12+33 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
12+97 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
13+50 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
13+63	Manhole, Adjust
13+73 Rt	Intersection of Castle Court, match new HMA surface
13+73 Lt	Catch Basin, Pavement for Butt Joints, Rem (12' x 4') 6 Syd
13+95 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
15+19 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
15+67 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
16+86	POE, Intersection of Pine Drive, match new HMA surface

Miscellaneous Items of Work Quantity (Castle Court – Cul-de-sac to Castle Avenue)

0+00	POB, Begin paving
0+00 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
0+00 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
0+20	Manhole, Adjust
0+40 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
0+40 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
0+89 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
1+13 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
1+34	Manhole, Adjust
1+67 Lt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
2+01 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
2+75 Rt	Concrete Drive, Pavement for Butt Joints, Rem (30' x 4') 13 Syd
3+46 Lt & Rt	Catch Basin, Pavement for Butt Joints, Rem (12' x 4') 6 Syd
3+56	POE, Intersection of Castle Avenue, match new HMA surface

Miscellaneous Items of Work Quantity (Kingsway Court – Cul-de-sac to Pine Drive)

0+00	POB, Begin paving
0+00 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
0+00 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
0+15 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
0+15	Manhole, Adjust
0+30 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
0+35 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
1+28 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
1+98	Manhole, Adjust
2+07	POE, Intersection of Pine Drive, match new HMA surface

Miscellaneous Items of Work Quantity (Pine Drive – 146th Avenue to 1,500' north)

0+00	Intersection of 146th Avenue (Reference)
0+14	POB, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
0+18	Valve Box, Adjust
0+37	Manhole, Adjust
1+13 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
1+13 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
1+68 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
1+92 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
2+80 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
2+80 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
2+94	Manhole, Adjust
3+64 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
3+64 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
4+21 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
4+42 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
5+29 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
5+29 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
5+79 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
5+79 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd

Miscellaneous Items of Work Quantity (Pine Drive – 146th Avenue to 1,500' north)(Cont.)

6+62 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
6+84	Manhole, Adjust
6+92 Lt	Intersection of Castle Avenue, match new HMA surface
7+73 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
8+14 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
8+70	Manhole, Adjust
8+82 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
9+61 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
9+91 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
10+72 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
11+23 Lt	Intersection of Kingsway Court, match new HMA surface
11+41 Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
13+02 Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
13+49	Manhole, Adjust
15+00	POE, Pavement for Butt Joints, Rem (24' x 12') 32 Syd

23. LH 4831 – OTSEGO TOWNSHIP – On Morter Street, Ames Street and Earl Street south of Jefferson Road – 0.36 mile

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

23. LH 4831 – OTSEGO TOWNSHIP – On Morter Street, Ames Street and Earl Street south of Jefferson Road – 0.36 mile

HMA 13A, MOD

SHOULDER, CL II, LM

APPROACH, CL II, LM

SHOULDER PREP

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT REM, MOD

FLAG CONTROL

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing HMA surface, then placing a HMA 13A, Mod surface course 20' wide at an average yield of 220 lb/syd. A 2' wide gravel shoulder will then be placed from the POB to POE.

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to POE	20' HMA	2' Rt & Lt

Miscellaneous Items of Work Quantity (Ames and Earl Streets)

0+00	POE, Begin paving
1+17	Intersection of Morter Street, Match new HMA surface
1+50Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
2+42Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
4+68Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
5+78Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
7+14Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
7+60Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
8+02Lt	Concrete Drive, Pavement Rem, Mod (40' x 6') 27 Syd
9+05Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
9+50Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
10+04Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
11+64Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
12+60	POE, Pavement for Butt Joints, Rem (40' x 12') 53 Syd
12+78	Intersection of Jefferson Road (Reference)

Miscellaneous Items of Work Quantity (Morter Street)

0+00	POB, Intersection of Ames Street, Match new HMA surface
1+24Lt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
3+18Rt	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
3+56Lt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
3+89Rt	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
6+30	POE, Pavement for Butt Joints, Rem (40' x 12') 53 Syd
6+50	Intersection of Jefferson Road (Reference)

24. LH 4832 – GUN PLAIN TOWNSHIP – On 4th Street from Riverview Drive to M-89 – 0.79
mile

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

24. LH 4832 – GUN PLAIN TOWNSHIP – On 4th Street from Riverview Drive to M-89 – 0.79
mile

HMA 13A, MOD

SHOULDER, CL II, LM

APPROACH, CL II, LM

SHOULDER PREP

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT REM, MOD

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing HMA, then placing a HMA 13A, Mod surface course 22' wide at an average yield of 220 lb/syd. A 2' wide gravel shoulder will then be placed from the POB to POE.

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

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

Miscellaneous Items of Work Quantity

0+00	Intersection of Riverview Drive (Reference)
1+40	POB, Pavement for Butt Joints, Rem (40' x 12') 53 Syd
6+76LT	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
7+11RT	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
7+90LT	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
8+20RT	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
8+85LT	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
10+90LT	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
19+73LT	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
24+30LT	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
32+09RT	Concrete Drive, Pavement Rem, Mod (16' x 6') 11 Syd
33+90RT	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
34+29RT	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
41+70LT	HMA Drive, Pavement for Butt Joints, Rem (16' x 6') 11 Syd
42+90	POE, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
43+51	Intersection of M-89 (Reference)

25. LH 4833 – MONTEREY TOWNSHIP – On 26th Street from the south township line to 126th Avenue – 1.00 mile

BID AND AWARD

Date: _____

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

25. LH 4833 – MONTEREY TOWNSHIP – On 26th Street from the south township line to 126th Avenue – 1.00 mile

HMA 13A, MOD

SHOULDER, CL II, LM

APPROACH, CL II, LM

SHOULDER PREP

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT REM, MOD

PAVEMENT MARKING, WATERBORNE, 4 INCH, WHITE

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

TRAFFIC CONTROL DEVICES

MONUMENT BOX, ADJUST

SCOPE OF THE WORK

The work will consist of preparing the existing HMA surface, spot paving as directed by the engineer, then placing a HMA 13A, Mod surface course 28' wide at an average yield of 275 lb/syd. A 2' wide gravel shoulder will then be placed from the POB to POE.

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

Intersections, driveway approaches, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to 6+25	28' HMA	2' Rt & Lt
6+25 to 9+50	30' HMA	1' Rt & Lt
9+50 to POE	28' HMA	2' Rt & Lt

Miscellaneous Items of Work Quantity

-0+50	POB, Pavement for Butt Joints, Rem (40' x 50') 222 Syd
0+00	Monument Box, Adjust
6+25 Rt & Lt	Begin 4' Wide shoulders (30' Wide Road)
9+50 Lt & Rt	End 4' Wide Shoulders (30' Wide Road)
26+32	Monument Box, Adjust
26+32 Lt	Intersection of 125th Avenue, pave approach Lt
52+50	POE, Pavement for Butt Joints, Rem (40' x 12') 53 Syd
52+70	Intersection of 126th Avenue (Reference)

26. LH 4834 – MARTIN TOWNSHIP – On 122nd Avenue from 525' west of 4th Street (south) to 4th Street (north) – 0.37 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 28, 2016. This project will be ready to pave on or about September 6, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

26. LH 4834 – MARTIN TOWNSHIP – On 122nd Avenue from 525' west of 4th Street (south) to 4th Street (north) – 0.37 mile

HMA 4E1, MOD – **PG 64-28**

CONDITIONING AGGREGATE BASE

SHOULDER, CL II, LM

APPROACH, CL II, LM

TOPSOIL SHOULDER, LM

RESTORATION

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, WHITE

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

MONUMENT BOX, ADJ

MANHOLE, ADJ

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing surface then placing a HMA 4E1, Mod leveling course 28' wide at an average yield of 275 lb/syd and a HMA 4E1, Mod surface course 28' wide at an average yield of 275 lb/syd. A 2' wide gravel shoulder will then be placed from the POB to POE except where valley curb or guardrail exists.

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

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

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to POE	28' HMA	2' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	Intersection of 5th Street (Reference)
7+75	POB, Begin paving
13+25 Rt	Intersection of 4th Street, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
27+00	Monument Box, Adjust
27+00 Lt	Intersection of 4th Street, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
27+50	POE, End paving

27. LH 4835 – WATSON TOWNSHIP – On 122nd Avenue from the west township line to 20th 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 September 30, 2016. This project will be ready to pave on or about May 2, 2016.

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

ALLEGAN COUNTY ROAD COMMISSION

SPECIAL PROVISIONS

FOR

27. LH 4835 – WATSON TOWNSHIP – On 122nd Avenue from the west township line to 20th Street – 2.00 miles

HMA 13A, MOD – **PG 64-28**

CONDITIONING AGGREGATE BASE

APPROACH, CL II, LM

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, WATERBORNE, 4 INCH, WHITE

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

MONUMENT BOX, ADJ

MANHOLE, ADJ

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing surface then placing a HMA 13A, Mod leveling course 32' wide at an average yield of 165 lb/syd and a HMA 13A, Mod surface course 32' wide at an average yield of 165 lb/syd. **The outside edge of the new HMA surface shall have a slope of approximately 30° and be shaped through the use of a shoe attached to the outside of the pave screed.**

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

Intersections, driveway approaches, spillways, and valley curb are included in the bid quantities for HMA items. All approach HMA will be paid for as HMA 13A, Mod.

Payment for work completed on this project will not be made until October 1, 2016.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Gravel Shoulder Width</u>
POB to POE	32' HMA	0' Rt & Lt

Miscellaneous Items of Work Quantity

26+47	POB, Allegan Township line, Pavement for Butt Joints, Rem (50'x 25') 139 Syd
26+47	Monument Box, Adjust
53+00	Monument Box, Adjust
66+50	Monument Box, Adjust
66+50 Rt & Lt	Intersection of 23rd Street, pave approaches
70+50 Rt	Begin HMA valley gutter
74+40 Lt	Manhole, Adjust
74+50 Rt	End HMA valley gutter
74+72 Rt	Manhole, Adjust
79+97	Monument Box, Adjust
79+97 Lt	Intersection of 22nd Street, pave 300' approach
82+00 Rt	Downspout, pave spillway
82+00 Rt	Begin HMA valley gutter
83+00 Lt	Begin HMA valley gutter
83+80 Lt	Downspout, pave spillway
88+50 Lt	End HMA valley gutter
89+50 Rt	End HMA valley gutter
95+00 Lt	Begin HMA valley gutter
96+00 Rt	Begin HMA valley gutter
101+50 Rt & Lt	End HMA valley gutter
102+00 Lt	Begin HMA valley gutter
103+50 Lt	End HMA valley gutter
107+50 Rt	Begin HMA valley gutter
108+50 Rt	End HMA valley gutter
109+00 Rt & Lt	Begin HMA valley gutter
110+75 Rt & Lt	End HMA valley gutter
113+75 Rt	Begin HMA valley gutter
115+50 Rt	End HMA valley gutter
124+50 Lt	Begin HMA valley gutter
128+50 Lt	End HMA valley gutter
106+50	Monument Box, Adjust
107+00 Lt	Manhole, Adjust
132+25	POE, Pavement for Butt Joints, Rem (50' x 12') 67 Syd
132+92	Intersection of 20th Street (Reference)

WAYLAND TOWNSHIP BID SCHEDULES

LH 4801 - Gregorville Road - 10th Street to 6th Street			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod – 64-28	5,750 Ton		
Shoulder, CI II, LM	850 Cyd		
Topsoil Shoulder, LM	50 Cyd		
Restoration	300 Syd		
Conditioning Aggregate Base	107 Sta		
Approach, CI II, LM	200 Cyd		
Shoulder Prep	1 LS		
Pavement Rem, Mod	50 Syd		
Pavement for Butt Joints, Rem	200 Syd		
Pavement Marking, Waterborne, 4 inch, White	21,400 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	10,000 Ft		
Pavement Marking, Temporary	107 Sta		
Monument Box, Adjust	1 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

LH 4824 – 8th Street – M-179 to 500’ south			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	200 Ton		
Shoulder, CI II, LM	20 Cyd		
Approach, CI II, LM	20 Cyd		
Shoulder Prep	1 LS		
Pavement for Butt Joints, Rem	120 Syd		
Pavement Marking, Waterborne, 4 inch, White	1,000 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	1,000 Ft		
Pavement Marking, Temporary	5 Sta		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID – WAYLAND TOWNSHIP \$ _____

SIGNED: _____ DATE: _____

SAUGATUCK TOWNSHIP BID SCHEDULES

LH 4803 – 65th Street – Riverside Road to 128th Avenue			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	1,850 Ton		
Shoulder, CI II, LM	275 Cyd		
Approach, CI II, LM	50 Cyd		
Shoulder Prep	1 LS		
Pavement Rem, Mod	50 Syd		
Pavement for Butt Joints, Rem	250 Syd		
Pavement Marking, Waterborne, 4 inch, White	10,200 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	3,100 Ft		
Pavement Marking, Temporary	51 Sta		
Monument Box, Adjust	1 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

LH 4804 – 66th Street - Cemetery Street to 135th Avenue			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	1,150 Ton		
Shoulder, CI II, LM	150 Cyd		
Approach, CI II, LM	50 Cyd		
Shoulder Prep	1 LS		
Pavement for Butt Joints, Rem	200 Syd		
Pavement Marking, Waterborne, 4 inch, White	6,200 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	3,100 Ft		
Pavement Marking, Temporary	31 Sta		
Monument Box, Adjust	1 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

LH 4805 – 129th Avenue – 66th Street to I-196			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	1,000 Ton		
Shoulder, CI II, LM	150 Cyd		
Approach, CI II, LM	50 Cyd		
Shoulder Prep	1 LS		
Pavement for Butt Joints, Rem	80 Syd		
Pavement Marking, Waterborne, 4 inch, White	5,000 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	2,000 Ft		
Pavement Marking, Temporary	25 Sta		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

LH 4806 – Bandle Street – Riverside Drive to Elizabeth Street			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	160 Ton		
Topsoil Shoulder, LM	50 Cyd		
Restoration	300 Syd		
Approach, CI II, LM	20 Cyd		
Shoulder Prep	1 LS		
Pavement Rem, Mod	100 Syd		
Pavement for Butt Joints, Rem	250 Syd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		
Valve Box, Adj			

TOTAL OF BID – SAUGATUCK TOWNSHIP \$ _____

SIGNED: _____ DATE: _____

SALEM TOWNSHIP BID SCHEDULES

LH 4814 – 138th Avenue – 26th Street to 24th Street			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod – 64-28	3,100 Ton		
Shoulder, CI II, LM	400 Cyd		
Approach, CI II, LM	100 Cyd		
Topsoil Shoulder, LM	75 Cyd		
Restoration	350 Syd		
Conditioning Aggregate Base	54 Sta		
Pavement for Butt Joints, Rem	150 Syd		
Pavement Marking, Waterborne, 4 inch, White	10,800 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	5,000 Ft		
Pavement Marking, Temporary	54 Sta		
Monument Box, Adjust	2 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

LH 4815 – 137th Avenue – 30th Street to 28th Street			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	1,900 Ton		
Shoulder, CI II, LM	250 Cyd		
Approach, CI II, LM	50 Cyd		
Shoulder Prep	1 LS		
Pavement for Butt Joints, Rem	800 Syd		
Pavement Marking, Waterborne, 4 inch, White	10,400 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	6,100 Ft		
Pavement Marking, Temporary	52 Sta		
Monument Box, Adjust	1 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID – SALEM TOWNSHIP \$ _____

SIGNED: _____ DATE: _____

CASCO TOWNSHIP BID SCHEDULE

LH 4818 – 107th Avenue – 70th Street to 68th Street			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	2,950 Ton		
Shoulder, CI II, LM	650 Cyd		
Approach, CI II, LM	100 Cyd		
Shoulder Prep	1 LS		
Pavement Rem, Mod	11 Syd		
Pavement for Butt Joints, Rem	275 Syd		
Cold Milling HMA Surface	350 Syd		
Pavement Marking, Waterborne, 4 inch, Yellow	5,000 Ft		
Pavement Marking, Temporary	53 Sta		
Monument Box, Adjust	1 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID – CASCO TOWNSHIP \$ _____

SIGNED: _____ DATE: _____

OVERISEL TOWNSHIP BID SCHEDULE

LH 4810 – 136th Avenue – 41st Street to 38th Street			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod – 64-28	3,625 Ton		
Shoulder, CI II, LM	700 Cyd		
Approach, CI II, LM	100 Cyd		
Topsoil Shoulder, LM	100 Cyd		
Restoration	450 Syd		
Conditioning Aggregate Base	72 Sta		
Pavement for Butt Joints, Rem	125 Syd		
Pavement Marking, Waterborne, 4 inch, White	10,000 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	7,000 Ft		
Pavement Marking, Temporary	72 Sta		
Monument Box, Adjust	4 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

LH 4819 – 47th Street – 143rd Avenue to 146th Avenue			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	2,250 Ton		
Shoulder, CI II, LM	1,000 Cyd		
Approach, CI II, LM	150 Cyd		
Shoulder Prep	1 LS		
Pavement for Butt Joints, Rem	300 Syd		
Pavement Rem, Mod	11 Syd		
Pavement Marking, Waterborne, 4 inch, Yellow	2,000 Ft		
Pavement Marking, Temporary	79 Sta		
Monument Box, Adjust	3 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

LH 4820 – 147th Avenue – 40th Street to 38th Street			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	1,475 Ton		
Shoulder, CI II, LM	650 Cyd		
Approach, CI II, LM	75 Cyd		
Shoulder Prep	1 LS		
Pavement for Butt Joints, Rem	120 Syd		
Pavement Marking, Waterborne, 4 inch, Yellow	1,300 Ft		
Pavement Marking, Temporary	52 Sta		
Monument Box, Adjust	1 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

LH 4821 – 144th Avenue – 38th Street to 36th Street			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	1,450 Ton		
Shoulder, CI II, LM	600 Cyd		
Approach, CI II, LM	75 Cyd		
Shoulder Prep	1 LS		
Pavement for Butt Joints, Rem	150 Syd		
Pavement Rem, Mod	11 Syd		
Pavement Marking, Waterborne, 4 inch, Yellow	4,800 Ft		
Pavement Marking, Temporary	51 Sta		
Monument Box, Adjust	1 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

LH 4822 – 140th Avenue – 38th Street to east township line			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	1,475 Ton		
Shoulder, CI II, LM	600 Cyd		
Approach, CI II, LM	75 Cyd		
Shoulder Prep	1 LS		
Pavement for Butt Joints, Rem	450 Syd		
Pavement Rem, Mod	40 Syd		
Pavement Marking, Waterborne, 4 inch, Yellow	3,400 Ft		
Pavement Marking, Temporary	52 Sta		
Monument Box, Adjust	2 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID – OVERISEL TOWNSHIP \$ _____

SIGNED: _____ DATE: _____

ALLEGAN TOWNSHIP BID SCHEDULE

LH 4812 – 34th Street – 110th Avenue to 113th Avenue			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod – 64-28	5,200 Ton		
Shoulder, CI II, LM	150 Cyd		
Approach, CI II, LM	100 Cyd		
Topsoil Shoulder, LM	100 Cyd		
Restoration	450 Syd		
Conditioning Aggregate Base	70 Sta		
Pavement for Butt Joints, Rem	120 Syd		
Pavement Marking, Waterborne, 4 inch, White	14,150 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	8,000 Ft		
Pavement Marking, Temporary	70 Sta		
Monument Box, Adjust	1 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

LH 4813 – 34th Street – 113th Avenue to Monroe Road			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	4,800 Ton		
Shoulder, CI II, LM	300 Cyd		
Approach, CI II, LM	75 Cyd		
Shoulder Prep	1 LS		
Pavement for Butt Joints, Rem	1,000 Syd		
Pavement Rem, Mod	150 Syd		
Pavement Marking, Waterborne, 4 inch, White	15,700 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	6,500 Ft		
Pavement Marking, Temporary	78 Sta		
Monument Box, Adjust	2 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

LH 4825 – Bayview Drive – South of 122nd Avenue			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	700 Ton		
Shoulder, CI II, LM	50 Cyd		
Approach, CI II, LM	50 Cyd		
Shoulder Prep	1 LS		
Pavement for Butt Joints, Rem	80 Syd		
Pavement Marking, Waterborne, 4 inch, White	3,700 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	1,500 Ft		
Pavement Marking, Temporary	18 Sta		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

LH 4826 – Rose Drive west of 30th Street			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	275 Ton		
Shoulder, CI II, LM	50 Cyd		
Approach, CI II, LM	25 Cyd		
Shoulder Prep	1 LS		
Pavement for Butt Joints, Rem	150 Syd		
Pavement Rem, Mod	50 Syd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

LH 4827 – Center Street east of Bridge Road			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	225 Ton		
Shoulder, CI II, LM	50 Cyd		
Approach, CI II, LM	10 Cyd		
Shoulder Prep	1 LS		
Pavement for Butt Joints, Rem	120 Syd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID – ALLEGAN TOWNSHIP \$ _____

SIGNED: _____ DATE: _____

FILLMORE TOWNSHIP BID SCHEDULE

LH 4828 – 50th Street – 146th Avenue to Ottogon Street			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	1,525 Ton		
Shoulder, CI II, LM	600 Cyd		
Approach, CI II, LM	100 Cyd		
Shoulder Prep	1 LS		
Pavement for Butt Joints, Rem	175 Syd		
Pavement Marking, Waterborne, 4 inch, Yellow	5,400 Ft		
Pavement Marking, Temporary	54 Sta		
Monument Box, Adjust	1 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID – FILLMORE TOWNSHIP \$ _____

SIGNED: _____ DATE: _____

LAKETOWN TOWNSHIP BID SCHEDULE

LH 4829 – 61st Street – 0.29 mile south of 144th Avenue to 147th Avenue			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	3,100 Ton		
Shoulder, CI II, LM	300 Cyd		
Approach, CI II, LM	100 Cyd		
Shoulder Prep	1 LS		
Pavement Rem, Mod	110 Syd		
Pavement for Butt Joints, Rem	800 Syd		
Pavement Marking, Waterborne, 4 inch, White	15,800 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	6,600 Ft		
Pavement Marking, Temporary	94 Sta		
Monument Box, Adjust	2 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

LH 4830 – Forest Lane, Castle Avenue, Castle Court, Kingsway Court and Pine Drive			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	1,850 Ton		
Approach, CI II, LM	50 Cyd		
Topsoil Shoulder, LM	350 Cyd		
Restoration	2,300 Syd		
Shoulder Prep	1 LS		
Pavement Rem, Mod	350 Syd		
Pavement for Butt Joints, Rem	1,300 Syd		
Valve Box, Adjust	1 Ea		
Manhole, Adjust	24 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID – LAKETOWN TOWNSHIP \$ _____

SIGNED: _____ DATE: _____

OTSEGO TOWNSHIP BID SCHEDULE

LH 4831 – Morter Street, Ames Street and Earl Street			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	500 Ton		
Shoulder, CI II, LM	100 Cyd		
Approach, CI II, LM	50 Cyd		
Shoulder Prep	1 LS		
Pavement Rem, Mod	90 Syd		
Pavement for Butt Joints, Rem	200 Syd		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID – OTSEGO TOWNSHIP \$ _____

SIGNED: _____ DATE: _____

GUN PLAIN TOWNSHIP BID SCHEDULE

LH 4832 – 4th Street – Riverview Drive to M-89			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	1,225 Ton		
Shoulder, CI II, LM	250 Cyd		
Approach, CI II, LM	100 Cyd		
Shoulder Prep	1 LS		
Pavement Rem, Mod	40 Syd		
Pavement for Butt Joints, Rem	230 Syd		
Pavement Marking, Waterborne, 4 inch, Yellow	6,000 Ft		
Pavement Marking, Temporary	42 Sta		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID – GUN PLAIN TOWNSHIP \$ _____

SIGNED: _____ DATE: _____

MONTEREY TOWNSHIP BID SCHEDULE

LH 4833 – 26th Street – South township line to 126th Avenue			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod	2,400 Ton		
Shoulder, CI II, LM	350 Cyd		
Approach, CI II, LM	100 Cyd		
Shoulder Prep	1 LS		
Pavement Marking, Waterborne, 4 inch, White	10,600 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	5,000 Ft		
Pavement Marking, Temporary	53 Sta		
Pavement for Butt Joints, Rem	275 Syd		
Monument Box, Adjust	2 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID – MONTEREY TOWNSHIP \$ _____

SIGNED: _____ DATE: _____

MARTIN TOWNSHIP BID SCHEDULE

LH 4834 – 122nd Avenue – 525’ west of 4th Street to 4th Street			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod – 64-28	1,900 Ton		
Shoulder, CI II, LM	250 Cyd		
Approach, CI II, LM	50 Cyd		
Conditioning Aggregate Base	70 Sta		
Pavement for Butt Joints, Rem	150 Syd		
Pavement Marking, Waterborne, 4 inch, White	4,000 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	2,000 Ft		
Pavement Marking, Temporary	20 Sta		
Monument Box, Adjust	1 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID – MARTIN TOWNSHIP \$ _____

SIGNED: _____ DATE: _____

WATSON TOWNSHIP BID SCHEDULE

LH 4835 – 122nd Avenue – west township line to 20th Street			
ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
HMA 13A, Mod – 64-28	6,850 Ton		
Approach, CI II, LM	150 Cyd		
Conditioning Aggregate Base	106 Sta		
Pavement for Butt Joints, Rem	200 Syd		
Pavement Marking, Waterborne, 4 inch, White	21,200 Ft		
Pavement Marking, Waterborne, 4 inch, Yellow	18,000 Ft		
Pavement Marking, Temporary	106 Sta		
Monument Box, Adjust	5 Ea		
Manhole, Adjust	3 Ea		
Flag Control	1 LS		
Traffic Control Devices	1 LS		

TOTAL OF BID – WATSON TOWNSHIP \$ _____

SIGNED: _____ DATE: _____