

NAME OF CONTRACTOR: \_\_\_\_\_

PROPOSAL AND SPECIFICATIONS  
FOR  
PRIMARY ROAD BITUMINOUS SURFACING

HOT MIX ASPHALT – 13A, MOD  
HOT MIX ASPHALT – 4E1, MOD  
SHOULDER, CL II, LM  
HMA BASE CRUSHING AND SHAPING  
COLD MILLING HMA SURFACE  
MISCELLANEOUS ITEMS

1. LH 4731 – SALEM TOWNSHIP – On 34<sup>th</sup> Street from 136<sup>th</sup> Avenue to 138<sup>th</sup> Avenue – 1.00 miles
2. LH 4732 - SALEM TOWNSHIP – On 138<sup>th</sup> Avenue from 34<sup>th</sup> Street to 32<sup>nd</sup> Street – 0.99 miles
3. LH 4733 - SALEM TOWNSHIP – On 27<sup>th</sup> Street from 144<sup>th</sup> Avenue to 146<sup>th</sup> Avenue – 1.00 miles
4. LH 4736 - FILLMORE TOWNSHIP – On 138<sup>th</sup> Avenue from 58<sup>th</sup> Street to 54<sup>th</sup> Street – 2.02 miles
5. LH 4737 – SAUGATUCK TOWNSHIP – On 134<sup>th</sup> Avenue from Blue Star Highway to the east end of road – 0.80 miles
6. LH 4740 – GUN PLAIN TOWNSHIP – On South Lake Doster Drive from Golf View to the east county line – 0.76 miles
7. LH 4741 – LEIGHTON TOWNSHIP – On Electric Avenue, Windemuller Court, Circuit Court, Electron Court and Argon Court – 1.16 miles
8. LH 4747 – LAKETOWN TOWNSHIP – On 147<sup>th</sup> Avenue from 62<sup>nd</sup> Street to 60<sup>th</sup> Street – 1.01 mile
9. LH 4748 – GANGES TOWNSHIP – On 116<sup>th</sup> Avenue from 68<sup>th</sup> Street to 66<sup>th</sup> Street – 1.00 mile
10. LH 4749 – MANLIUS TOWNSHIP – On Old Allegan Road from 130<sup>th</sup> Avenue to 52<sup>nd</sup> Street – 2.94 miles

11. LH 4739 - OVERISEL TOWNSHIP – On 42<sup>nd</sup> Street from 147<sup>th</sup> Avenue to the north county line – 0.53 miles
12. LH 4742 - OVERISEL TOWNSHIP – On 40<sup>th</sup> Street from 142<sup>nd</sup> Avenue to 144<sup>th</sup> Avenue – 1.02 mile
13. LH 4743 - OVERISEL TOWNSHIP – On 147<sup>th</sup> Avenue from 38<sup>th</sup> Street to 36<sup>th</sup> Street – 0.98 mile
14. LH 4722 – OVERISEL TOWNSHIP – On 139<sup>th</sup> Avenue from 45<sup>th</sup> Street to 43<sup>rd</sup> Street – 1.00 mile
15. LH 4750 – OVERISEL TOWNSHIP – On 146<sup>th</sup> Avenue east of 43<sup>rd</sup> Street – Spot Pave
16. LH 4751 – OVERISEL/SALEM TOWNSHIPS – On 36<sup>th</sup> Street south of 144<sup>th</sup> Avenue – Spot Pave
17. LH 4752 – OTSEGO TOWNSHIP – On 13<sup>th</sup> Street from 102<sup>nd</sup> Avenue to M-89 – 0.99 mile

ALLEGAN COUNTY ROAD COMMISSION

ADVERTISEMENT FOR BIDS

COUNTY PRIMARY HOT MIX ASPHALT PAVING

Sealed bids will be received by the Allegan County Road Commission at their office at 1308 Lincoln Road (M89), Allegan, Michigan until 11:00 A.M., E.D.T., Wednesday, May 14, 2014, 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 Salem, Fillmore, Saugatuck, Overisel, Gun Plain, Leighton, Laketown, Ganges, Manlius, and Otsego Townships.

Complete specifications and bid forms are available at the Road Commission office.

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.**

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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)

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**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-one (21) 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  $\pm 0.30$  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  $\pm 0.30$  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  $\pm 0.30$  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):

<b>Contract Item (Pay Item)</b>	<b>Pay Unit</b>
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

**WATER 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.

**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.

**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



**CATCH BASIN, ADJ**

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

**METHOD OF PAYMENT FOR CATCH BASIN, ADJ**

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

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Catch Basin, Adj	Each

**MANHOLE, ADJ**

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

**METHOD OF PAYMENT FOR MANHOLE, ADJ**

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

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

**TRENCHING**

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

**METHOD OF PAYMENT FOR TRENCHING**

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

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

**CONDITIONING AGGREGATE BASE, MOD**

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

**METHOD OF PAYMENT FOR CONDITIONING AGGREGATE BASE, MOD**

The item of "Conditioning Aggregate Base (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 2003 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 2003 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.

**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

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 4731 – SALEM TOWNSHIP – On 34<sup>th</sup> Street from 136<sup>th</sup> Avenue to 138<sup>th</sup> Avenue – 1.00 miles

BID AND AWARD

Date: \_\_\_\_\_

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 26, 2014. This project will be ready to pave on or about June 2, 2014.

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 4731 – SALEM TOWNSHIP – On 34<sup>th</sup> Street from 136<sup>th</sup> Avenue to 138<sup>th</sup> Avenue – 1.00miles

HMA 13A, MOD

SHOULDER, 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 HMA 13A, 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 136th Street (Reference)
0+18	POB, Pavement for Butt Joints, Rem (50'x14') 78 Syd
9+26 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
14+00 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
15+11 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
21+68 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
26+46	Monument Box, Adjust
27+06 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
31+90 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
48+15 Rt	Begin Valley Gutter
49+24 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
50+42 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
52+68 Rt	End Valley Gutter
52+90	Monument Box, Adjust
52+90 Rt & Lt	Intersection 138th Avenue, Pavement for Butt Joints, Rem (50'x14') 78 Syd each side
53+04	POE, Pavement for Butt Joints, Rem (50'x14') 78 Syd

2. LH 4732 - SALEM TOWNSHIP – On 138<sup>th</sup> Avenue from 34<sup>th</sup> Street to 32<sup>nd</sup> 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 26, 2014. This project will be ready to pave on or about June 2, 2014.

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 4732 - SALEM TOWNSHIP – On 138<sup>th</sup> Avenue from 34<sup>th</sup> Street to 32<sup>nd</sup> Street – 0.99 miles

HMA 13A, MOD

SHOULDER, 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 HMA 13A, 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 34th Street (Reference)
0+15	POB, Pavement for Butt Joints, Rem (50'x14') 78 Syd
9+10	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
26+35	Monument Box, Adjust
30+60 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
35+56 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
35+74 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
36+78 Lt	Concrete Drive, remove approach and match with HMA
39+00 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
39+10 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
46+48 Rt	Concrete Drive, remove approach and match with HMA
52+50	POE, Pavement for Butt Joints, Rem (50'x14') 78 Syd



3. LH 4733 - SALEM TOWNSHIP – On 27<sup>th</sup> Street from 144<sup>th</sup> Avenue to 146<sup>th</sup> Avenue –  
1.00 miles

BID AND AWARD

Date: \_\_\_\_\_

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 26, 2014. This project will be ready to pave on or about June 2, 2014.

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 4733 - SALEM TOWNSHIP – On 27<sup>th</sup> Street from 144<sup>th</sup> Avenue to 146<sup>th</sup> Avenue –  
1.00 miles

HMA 13A, MOD

SHOULDER, 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 HMA 13A, 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 144th Street (Reference)
0+12	POB, Pavement for Butt Joints, Rem (50'x14') 78 Syd
3+84 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
5+36 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
10+29 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
12+56 Lt	Concrete Drive, remove approach and match with HMA
26+46	Monument Box, Adjust
27+81 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
31+66 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
34+95 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
37+31 Lt	Concrete Drive, remove approach and match with HMA
43+86 Lt	Concrete Drive, remove approach and match with HMA
52+89	POE, Pavement for Butt Joints, Rem (50'x14') 78 Syd

**ITEMIZED UNIT PRICE BID SCHEDULE FOR LH 4731 and LH 4732**

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4731	HMA 13A, Mod	1,900 Ton		
LH 4731	Shoulder, CL II, LM	325 Cyd		
LH 4731	Shoulder Prep	1 LS		
LH 4731	Pavement for Butt Joints, Rem	460 Syd		
LH 4731	Pavement Marking, Waterborne, 4 inch, White	10,600 Ft		
LH 4731	Pavement Marking, Waterborne, 4 inch, Yellow	3,600 Ft		
LH 4731	Pavement Marking, Temporary	53 Sta		
LH 4731	Pavement for Butt Joints, Rem	1,080 Syd		
LH 4731	Monument Box, Adjust	2 Ea		
LH 4731	Flag Control	1 LS		
LH 4731	Traffic Control Devices	1 LS		

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4732	HMA 13A, Mod	1,900 Ton		
LH 4732	Shoulder, CL II, LM	325 Cyd		
LH 4732	Shoulder Prep	1 LS		
LH 4732	Pavement for Butt Joints, Rem	210 Syd		
LH 4732	Pavement Rem, Mod	20 Syd		
LH 4732	Pavement Marking, Waterborne, 4 inch, White	10,500 Ft		
LH 4732	Pavement Marking, Waterborne, 4 inch, Yellow	3,000 Ft		
LH 4732	Pavement Marking, Temporary	53 Sta		
LH 4732	Flag Control	1 LS		
LH 4732	Monument Box, Adj	1 Ea		
LH 4732	Traffic Control Devices	1 LS		

**ITEMIZED UNIT PRICE BID SCHEDULE FOR LH 4733**

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4733	HMA 13A, Mod	1,900 Ton		
LH 4733	Shoulder, CL II, LM	325 Cyd		
LH 4733	Pavement for Butt Joints, Rem	210 Syd		
LH 4733	Pavement Rem, Mod	20 Syd		
LH 4733	Pavement Marking, Waterborne, 4 inch, White	10,500 Ft		
LH 4733	Pavement Marking, Waterborne, 4 inch, Yellow	3,000 Ft		
LH 4733	Pavement Marking, Temporary	53 Sta		
LH 4733	Flag Control	1 LS		
LH 4733	Monument Box, Adj	1 Ea		
LH 4733	Traffic Control Devices	1 LS		

TOTAL OF BID – SALEM TOWNSHIP \$ \_\_\_\_\_

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

4. LH 4736 - FILLMORE TOWNSHIP – On 138<sup>th</sup> Avenue from 58<sup>th</sup> Street to 54<sup>th</sup> Street – 2.02 miles

BID AND AWARD

Date: \_\_\_\_\_

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 26, 2014. This project will be ready to pave on or about July 7, 2014.

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 4736 - FILLMORE TOWNSHIP – On 138<sup>th</sup> Avenue from 58<sup>th</sup> Street to 54<sup>th</sup> Street – 2.02 miles

HMA 13A, MOD

SHOULDER, 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 22' wide at an average yield of 220 lb/syd. A 5' 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 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 58th Street (Reference)
0+20	POB, Pavement for Butt Joints, Rem (50'x14') 78 Syd
21+60 Lt	HMA Drive, Pavement for Butt Joints, Rem (170'x6') 113 Syd
23+83 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
24+81 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
26+46	Monument Box, Adjust
26+82 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
30+59 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
31+45 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
45+55 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
46+32 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
52+75	West Edge 56th Street, Pavement for Butt Joints, Rem (50'x14') 78 Syd
52+91	Intersection 56th Street (Reference)
53+07	East Edge 56th Street, Pavement for Butt Joints, Rem (50'x14') 78 Syd
56+40 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
11+35 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
65+25 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
79+57	Monument Box, Adjust
80+70	West Side RR Tracks, Pavement for Butt Joints, Rem ( 24'x14') 37 Syd
81+10	East Side RR Tracks, Pavement for Butt Joints, Rem ( 24'x14') 37 Syd
92+82	Monument Box, Adjust
103+32 Lt & Rt	Begin Guardrail
104+36 Rt	End Guardrail
106+00 Lt	End Guardrail
106+10	Monument Box, Adjust
106+10 Rt & Lt	Intersection 54th Street, Pavement for Butt Joints, Rem (50'x14') 78 Syd each side
106+50	POE, Pavement for Butt Joints, Rem ( 50'x14') 78 Syd



4. LH 4736 - FILLMORE TOWNSHIP – On 138<sup>th</sup> Avenue from 58<sup>th</sup> Street to 54<sup>th</sup> Street – 2.02 miles

ALLEGAN COUNTY ROAD COMMISSION  
ALLEGAN, MICHIGAN

**ITEMIZED UNIT PRICE BID SCHEDULE**

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4736	HMA 13A, Mod	3,025 Ton		
LH 4736	Shoulder CI II, LM	1,600 Cyd		
LH 4736	Shoulder Prep	1 LS		
LH 4736	Pavement for Butt Joints, Rem	750 Syd		
LH 4736	Pavt Mrkg, Waterborne, 4 in, White	21,300 Ft		
LH 4736	Pavt Mrkg, Waterborne, 4 in, Yellow	2,700 Ft		
LH 4736	Pavement Marking, Temporary	107 Sta		
LH 4736	Flag Control	1 LS		
LH 4736	Traffic Control Devices	1 LS		
LH 4736	Monument Box, Adjust	4 Ea		

TOTAL OF BID – FILLMORE TOWNSHIP \$ \_\_\_\_\_

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

5. LH 4737 – SAUGATUCK TOWNSHIP – On 134<sup>th</sup> Avenue from Blue Star Highway to the east end of road – 0.80 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 26, 2014. This project will be ready to pave on or about June 2, 2014.

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 4737 – SAUGATUCK TOWNSHIP – On 134<sup>th</sup> Avenue from Blue Star Highway to the east end of road – 0.80 miles

HMA 13A, MOD

TOPSOIL SHOULDER, LM

RESTORATION

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

Miscellaneous Items of Work Quantity

0+00	POB, Pavement for Butt Joints, Rem (50'x14')	78 Syd
2+24 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6')	8 Syd
3+63 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6')	8 Syd
4+86 Rt	Concrete Drive, remove and match with HMA	
5+12 Lt	Concrete Drive, remove and match with HMA	
7+30 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6')	8 Syd
8+84 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6')	8 Syd
9+71 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6')	8 Syd
9+84 Lt	Concrete Drive, remove and match with HMA	
11+33 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6')	8 Syd
12+82 Rt	Intersection Gaslight Lane, Pavement for Butt Joints, Rem (20'x7')	16 Syd
17+55 Rt	Intersection Clearview Lane, Pavement for Butt Joints, Rem (20'x7')	16 Syd
18+12 Rt & Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6')	8 Syd
19+25	Monument Box, Adjust	
19+40 Rt	Intersection HMA Clearbrook Green, Pavement for Butt Joints, Rem (20'x7')	16 Syd
20+15 Rt & Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6')	8 Syd
27+36 Rt	Intersection HMA Maple Greens Drive, Pavement for Butt Joints, Rem (20'x7')	16 Syd
28+88 Rt	Concrete path for Dumpsters 15' wide, remove and match with HMA	
32+32 Lt	Intersection HMA 64th Street, Pavement for Butt Joints, Rem (20'x7')	16 Syd
32+32	Monument Box, Adjust	
33+55 Rt	Concrete Drive, remove and match with HMA	
33+72 Lt	Concrete Drive, remove and match with HMA	
35+48 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6')	8 Syd
36+40 Lt	Concrete Drive, remove and match with HMA	
36+57 Lt	Begin Concrete Curb, Pavement for Butt Joints, Rem (40'x7')	31 Syd
36+94 Lt	End Concrete Curb	
37+08 Lt	Intersection Maple Gate Drive, Pavement for Butt Joints, Rem (20'x7')	16 Syd
37+24 Lt	Begin Concrete Curb	
37+61 Lt	Begin Cul-de-sac, widen to match existing HMA surface	
42+06	POE, End paving	
42+06 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6')	8 Syd

5. LH 4737 – SAUGATUCK TOWNSHIP – On 134<sup>th</sup> Avenue from Blue Star Highway to the east end of road – 0.80 miles

ALLEGAN COUNTY ROAD COMMISSION  
ALLEGAN, MICHIGAN

**ITEMIZED UNIT PRICE BID SCHEDULE**

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4737	HMA 13A, Mod	1,625 Ton		
LH 4737	Topsoil Shoulder, LM	325 Cyd		
LH 4737	Approach, CI II, LM	50 Cyd		
LH 4737	Restoration	2,800 Syd		
LH 4737	Pavement for Butt Joints, Rem	300 Syd		
LH 4737	Pavement Rem, Mod	65 Syd		
LH 4737	Shoulder Prep	1 LS		
LH 4737	Pavt Mrkg, Waterborne, 4 in, White	7,600 Ft		
LH 4737	Pavt Mrkg, Waterborne, 4 in, Yellow	1,200 Ft		
LH 4737	Pavement Marking, Temporary	42 Sta		
LH 4737	Flag Control	1 LS		
LH 4737	Traffic Control Devices	1 LS		
LH 4737	Monument Box, Adjust	2 Ea		

TOTAL OF BID – SAUGATUCK TOWNSHIP \$ \_\_\_\_\_

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

6. LH 4740 – GUN PLAIN TOWNSHIP – On South Lake Doster Drive from Golf View to the east county line – 0.76 miles

BID AND AWARD

Date: \_\_\_\_\_

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 26, 2014. This project will be ready to pave on or about June 2, 2014.

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 4740 – GUN PLAIN TOWNSHIP – On South Lake Doster Drive from Golf View to the east county line – 0.76 miles

HMA 13A, MOD

SHOULDER PREP

APPROACH, CL II, LM

TOPSOIL SHOULDER, LM

RESTORATION

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT REM, MOD

PAVEMENT MARKING, WATERBORNE, 4 INCH, YELLOW

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

MANHOLE, ADJUST

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 2' wide topsoil shoulder will then be placed along the entire project.

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

Miscellaneous Items of Work Quantity

0+00	POB, Pavement for Butt Joints, Rem (50'x14') 78 Syd
0+00 Lt	Begin Valley Gutter
0+67 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
1+10 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
1+35 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
2+20 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
3+54 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
3+80	Manhole, Adjust
4+50 Lt	End Valley Gutter
5+91	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
7+21 Rt	Intersection Trillium Lane, Pavement for Butt Joints, Rem (30'x14') 47 Syd
7+58 Lt	Intersection Blarney Lane, Pavement for Butt Joints, Rem (30'x14') 47 Syd
7+58	Manhole, Adjust
8+02 Lt	Concrete Drive, remove approach and match with HMA
8+57 Rt	Concrete Drive, remove approach and match with HMA
9+18 Lt	Concrete Drive, remove approach and match with HMA
9+3 Rt	Concrete Drive, remove approach and match with HMA
10+02 Lt	Begin Valley Gutter
10+06	Manhole, Adjust
10+24 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
10+37 Lt	End Valley Gutter
10+95	Concrete Drive, remove approach and match with HMA
12+98 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
13+58 Lt	Concrete Drive, remove approach and match with HMA
13+80	Manhole, Adjust
14+40 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
14+94 Lt	Intersection Highland Court, Pavement for Butt Joints, Rem (30'x14') 47 Syd
15+01	Manhole, Adjust
15+43	Manhole, Adjust
16+88 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
16+95 Lt	Concrete Drive, remove approach and match with HMA
17+33	Manhole, Adjust
18+66	Manhole, Adjust
20+10	Manhole, Adjust
21+65	Manhole, Adjust
24+05 Lt	Intersection Lagoon Parkway, Pavement for Butt Joints, Rem (30'x14') 47 Syd
24+12	Manhole, Adjust



Miscellaneous Items of Work Quantity Cont:

25+20 Rt	Intersection Markus Glen Lane, Pavement for Butt Joints, Rem (30'x14') 47 Syd
25+20	Manhole, Adjust
26+70	Manhole, Adjust
29+12	Manhole, Adjust
31+10 Lt	Intersection Shangri La Ct, Pavement for Butt Joints, Rem (30'x14') 47 Syd
31+50	Manhole, Adjust
37+86 Lt	Intersection Shangri La Ct, Pavement for Butt Joints, Rem (30'x14') 47 Syd
37+90	Manhole, Adjust
39+50 Rt	Concrete Drive, remove approach and match with HMA
40+07 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
40+68 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
41+50	Manhole, Adjust
41+55	POE, Pavement for Butt Joints, Rem (30'x14') 47 Syd

6. LH 4740 – GUN PLAIN TOWNSHIP – On South Lake Doster Drive from Golf View to the east county line – 0.76 miles

ALLEGAN COUNTY ROAD COMMISSION  
ALLEGAN, MICHIGAN

**ITEMIZED UNIT PRICE BID SCHEDULE**

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4740	HMA 13A, Mod	1,300 Ton		
LH 4740	Approach, CI II, LM	50 Cyd		
LH 4740	Topsoil Shoulder, LM	300 Cyd		
LH 4740	Restoration	2,800 Syd		
LH 4740	Pavement for Butt Joints, Rem	600 Syd		
LH 4740	Pavement Rem, Mod	75 Syd		
LH 4740	Shoulder Prep	1 LS		
LH 4740	Pavement Marking, Waterborne, 4 inch, Yellow	8,300 Ft		
LH 4740	Pavement Marking, Temporary	42 Sta		
LH 4740	Flag Control	1 LS		
LH 4740	Manhole, Adjust	18 Ea		
LH 4740	Traffic Control Devices	1 LS		

TOTAL OF BID – GUN PLAIN TOWNSHIP \$ \_\_\_\_\_

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

7. LH 4741 – LEIGHTON TOWNSHIP – On Electric Avenue, Windemuller Court, Circuit Court, Electron Court and Argon Court – 1.16 miles

BID AND AWARD

Date: \_\_\_\_\_

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before November 15, 2014. This project will be ready to pave on or about October 6, 2014.

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 4741 – LEIGHTON TOWNSHIP – On Electric Avenue, Windemuller Court, Circuit Court, Electron Court and Argon Court – 1.16 miles

HMA 4E1, MOD

HMA BASE CRUSHING AND SHAPING

TOPSOIL SHOULDER, LM

RESTORATION

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT REM, MOD

FLAG CONTROL

CATCH BASIN, ADJUST

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing surface by crushing and shaping the existing HMA, then placing a HMA 4E1, Mod leveling course 36' wide at an average yield of 220 lb/syd and a HMA 4E1, Mod surface course 36' wide at an average yield of 220 lb/syd. A 2' topsoil shoulder will then be placed from the POB to POE except where curb or guardrail exists, locations are shown below. HMA valley curb will be placed on the entire project except where concrete curb and gutter are left in place. Some crushed material shall be graded from the cul-de-sacs and distributed over areas without concrete curb and gutter to allow for the new HMA surface.

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 4E1, Mod.

HMA Widths:

<u>Station</u>	<u>Pavement Width</u>	<u>Topsoil Shoulder Width</u>
POB to POE	36' HMA	2' Rt & Lt

Miscellaneous Items of Work Quantity

Argon Court / Electric Avenue:

0+00	POB, South end of Argon Court cul-de-sac, begin concrete curb and gutter
1+25	End concrete curb and gutter
3+50 Rt & Lt	Catch Basin, Adjust
6+18 Rt & Lt	Catch Basin, Adjust
6+85 Lt	Begin concrete curb and gutter, Pavement Rem, Mod
7+24 Lt	HMA Drive, Pavement for Butt Joints, Rem (24' x 6') 16 Syd
7+65 Lt	End concrete curb and gutter
9+15 Rt	Begin concrete curb and gutter, Pavement Rem, Mod
9+61 Rt & Lt	Catch Basin, Adjust
9+61 Rt	HMA Drive, Pavement for Butt Joints, Rem (24' x 6') 16 Syd
10+00 Rt	End concrete curb and gutter
12+50 Rt & Lt	Catch Basin, Adjust
13+22 Lt	Intersection Electron Court (Reference)
18+90 Rt & Lt	Catch Basin, Adjust
19+92 Lt	Begin concrete curb and gutter, Pavement Rem, Mod
20+10 Lt	End concrete curb and gutter
20+26 Lt	HMA Drive, Pavement for Butt Joints, Rem (24' x 6') 16 Syd
20+45 Lt	Begin concrete curb and gutter, Pavement Rem, Mod
20+69 Lt	End concrete curb and gutter
23+55 Lt	Intersection Circuit Court (Reference)
24+02 Rt & Lt	Catch Basin, Adjust
25+52 Rt & Lt	Concrete sidewalk, remove approach and match with HMA
25+60 Rt	Begin concrete curb and gutter, Pavement Rem, Mod
26+54 Rt & Lt	Catch Basin, Adjust
27+04 Rt	End concrete curb and gutter
28+50 Rt	Begin concrete curb and gutter, Pavement Rem, Mod
29+25 Rt	End concrete curb and gutter
29+73 Rt & Lt	Catch Basin, Adjust
32+97 Rt	HMA Drive, Pavement for Butt Joints, Rem (24' x 6') 16 Syd
33+54 Lt	Intersection Windemueller Court (Reference)
36+44 Rt	HMA Drive, Pavement for Butt Joints, Rem (24' x 6') 16 Syd
36+54 Lt	Begin concrete curb and gutter, Pavement Rem, Mod
37+09 Lt	End concrete curb and gutter
37+51 Rt & Lt	Catch Basin, Adjust
38+32 Rt	HMA Drive, Pavement for Butt Joints, Rem (24' x 6') 16 Syd
38+63 Rt & Lt	Catch Basin, Adjust
38+89 Lt	Begin concrete curb and gutter, Pavement Rem, Mod

Miscellaneous Items of Work Quantity Cont:

39+65 Lt	End concrete curb and gutter
41+50 Rt & Lt	Begin concrete curb and gutter, grade to allow for new HMA
41+92 Rt & Lt	End concrete curb and gutter

Windemueller Court:

0+00	South end of cul-de-sac, begin concrete curb and gutter
1+10 Rt	End concrete curb and gutter
1+10 Rt & Lt	Catch Basin, Adjust
3+39 Lt	End concrete curb and gutter
5+40 Lt	Begin concrete curb and gutter, Pavement Rem, Mod
5+75 Lt	End concrete curb and gutter
5+75	Intersection Electric Avenue

Circuit Court:

0+00	South end of cul-de-sac, begin concrete curb and gutter
1+15 Rt & Lt	End concrete curb and gutter
1+50 Rt & Lt	Catch Basin, Adjust
4+50 Lt	HMA Drive, Pavement for Butt Joints, Rem (24' x 6') 16 Syd
5+50 Lt	HMA Drive, Pavement for Butt Joints, Rem (24' x 6') 16 Syd
6+50 Rt & Lt	Catch Basin, Adjust
6+82	Intersection Electric Avenue

Electron Court:

0+00	South end of cul-de-sac, begin concrete curb and gutter
1+25 Rt & Lt	End concrete curb and gutter
2+57 Rt & Lt	Catch Basin, Adjust
5+35	Intersection Electric Avenue

7. LH 4741 – LEIGHTON TOWNSHIP – On Electric Avenue, Windemuller Court, Circuit Court, Electron Court and Argon Court – 1.16 miles

ALLEGAN COUNTY ROAD COMMISSION  
ALLEGAN, MICHIGAN

**ITEMIZED UNIT PRICE BID SCHEDULE**

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4741	HMA 4E1, Mod	6,300 Ton		
LH 4741	Topsoil Shoulder, LM	500 Cyd		
LH 4741	Pavement for Butt Joints, Rem	150 Syd		
LH 4741	Pavement Rem, Mod	200 Syd		
LH 4741	Pavement Marking, Temporary	53 Sta		
LH 4741	Flag Control	1 LS		
LH 4741	Monument Box, Adjust	2 Ea		
LH 4741	Catch Basin, Adjust	28 Ea		
LH 4741	Traffic Control Devices	1 LS		

TOTAL OF BID – LEIGHTON TOWNSHIP \$ \_\_\_\_\_

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

8. LH 4747 – LAKETOWN TOWNSHIP – On 147<sup>th</sup> Avenue from 62<sup>nd</sup> Street to 60<sup>th</sup> 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 26, 2014. This project will be ready to pave on or about June 2, 2014.

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 4747 – LAKETOWN TOWNSHIP – On 147<sup>th</sup> Avenue from 62<sup>nd</sup> Street to 60<sup>th</sup> Street – 1.01 mile

HMA 13A, MOD

TOPSOIL SHOULDER, LM

RESTORATION

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, then placing a HMA 13A, Mod surface course 28' wide at an average yield of 220 lb/syd. A 2' wide topsoil 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>Topsoil Shoulder Width</u>
POB to POE	28' HMA	2' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	Intersection 62nd Street (Reference)
0+40	POB, Pavement for Butt Joints, Rem (50'x14') 78 Syd
2+08 Rt	Concrete Drive, remove approach and match with HMA
4+32 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
5+55 Rt	Concrete Drive, remove approach and match with HMA
6+28 Lt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
7+51 Lt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
7+51 Rt	Begin 8' paved shoulder
8+00 Rt	Begin concrete curb
8+44 Rt	End concrete curb
8+63 Rt	Intersection Terra Vita, Pavement for Butt Joints, Rem (30'x14') 47 Syd
8+63 Lt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
8+83 Rt	Begin concrete curb
9+35 Rt	End concrete curb
9+50 Rt	End 8' paved shoulder
10+65 Lt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
12+78 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
13+04 Lt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
13+05 Rt & Lt	Begin Valley Gutter & 32' Wide road
13+81 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
13+94 Lt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
14+90 Lt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
16+20 Lt & Rt	End Valley Gutter and 32' wide road
22+08 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
26+ 98	Monument Box, Adjust
26+98 Rt & Lt	Intersection 61st Street, Pavement for Butt Joints, Rem (50'x14') 78 Syd
28+11 Rt	Concrete Drive, remove approach and match with HMA
30+05 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
33+99 Rt	Concrete Drive, remove approach and match with HMA
35+36 Lt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
36+95 Rt	Begin 8' Paved shoulder
37+70 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
38+13 Rt	End 8' Paved shoulder
41+30 Rt	Begin 12' Paved shoulder
41+83 Lt	Begin 12' Paved shoulder
42+42 Lt	Begin concrete curb
43+63 Lt	End concrete curb
44+60 Lt	Catch Basin, match with HMA
44+67 Lt	Begin concrete curb
45+80 Lt	End concrete curb
46+59 Lt & Rt	End 12' Paved shoulder
47+93 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
49+80 Lt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd

Miscellaneous Items of Work Quantity Cont:

50+43 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
51+42 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
52+15 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
52+25 Lt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
53+45	POE, Pavement for Butt Joints, Rem (50'x14') 78 Syd
53+62	Intersection 60th Street (Reference)

8. LH 4747 – LAKETOWN TOWNSHIP – On 147<sup>th</sup> Avenue from 62<sup>nd</sup> Street to 60<sup>th</sup> Street – 1.01 mile

ALLEGAN COUNTY ROAD COMMISSION  
ALLEGAN, MICHIGAN

**ITEMIZED UNIT PRICE BID SCHEDULE**

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4747	HMA 13A, Mod	2,125 Ton		
LH 4747	Topsoil Shoulder, LM	300 Cyd		
LH 4747	Restoration	3,600 Syd		
LH 4747	Approach, CI II, LM	50 Cyd		
LH 4747	Pavement for Butt Joints, Rem	450 Syd		
LH 4747	Pavement Rem, Mod	35 Syd		
LH 4747	Shoulder Prep	1 LS		
LH 4747	Pavement Marking, Waterborne, 4 inch, White	10,800 Ft		
LH 4747	Pavement Marking, Waterborne, 4 inch, Yellow	2,650 Ft		
LH 4747	Pavement Marking, Temp	54 Sta		
LH 4747	Flag Control	1 LS		
LH 4747	Traffic Control Devices	1 LS		
LH 4747	Monument Box, Adjust	1 Ea		

TOTAL OF BID – LAKETOWN TOWNSHIP \$ \_\_\_\_\_

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

9. LH 4748 – GANGES TOWNSHIP – On 116<sup>th</sup> Avenue from 68<sup>th</sup> Street to 66<sup>th</sup> Street –  
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 26, 2014. This project will be ready to pave on or about June 2, 2014.

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 4748 – GANGES TOWNSHIP – On 116<sup>th</sup> Avenue from 68<sup>th</sup> Street to 66<sup>th</sup> Street –  
1.00 mile

HMA 13A, MOD

SHOULDER, 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 HMA surface, then placing a HMA 13A, Mod surface course 26' – 32' wide at an average yield of 220 lb/syd. A 0'-3' 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 5+13	32' HMA	0' Rt & Lt
5+13 to 9+00	29' HMA	0' Rt, 5' Lt
9+00 to 16+50	26' HMA	5' Rt & Lt
16+50 to 21+30	29' HMA	5' Rt, 0' Lt
21+30 to 29+25	26' HMA	3' Rt & Lt
29+25 to 34+00	32' HMA	0' Rt & Lt
34+00 to POE	26' HMA	3' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	Intersection 68 <sup>th</sup> Street (Reference)
0+25	POB, Pavement for Butt Joints, Rem (50'4') 78 Syd
0+25 Rt & Lt	Begin 5' paved shoulders
5+13 Rt	End 5' paved shoulder
8+54 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
9+00 Lt	End 5' paved shoulder
14+95 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
16+50 Lt	Begin 5' paved shoulder and valley gutter
20+65 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
21+30 Lt	End 5' paved shoulder and valley gutter
22+70 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
26+40	Monument Box, Adjust
29+25 Rt & Lt	Begin 5' paved shoulder
34+00 Rt & Lt	End 5' paved shoulder
52+86	POE, Pavement for Butt Joints, Rem (50'x14') 78 Syd
53+00	Intersection 66 <sup>th</sup> Street (Reference)

9. LH 4748 – GANGES TOWNSHIP – On 116<sup>th</sup> Avenue from 68<sup>th</sup> Street to 66<sup>th</sup> Street –  
1.00 mile

ALLEGAN COUNTY ROAD COMMISSION  
ALLEGAN, MICHIGAN

**ITEMIZED UNIT PRICE BID SCHEDULE**

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4748	HMA 13A, Mod	2,050 Ton		
LH 4748	Shoulder, CI II, LM	300 Cyd		
LH 4748	Pavement for Butt Joints, Rem	200 Syd		
LH 4748	Pavement Marking, Waterborne, 4 inch, White	10,600 Ft		
LH 4748	Pavement Marking, Waterborne, 4 inch, Yellow	5,000 Ft		
LH 4748	Pavement Marking, Temporary	53 Sta		
LH 4748	Flag Control	1 LS		
LH 4748	Traffic Control Devices	1 LS		
LH 4748	Monument Box, Adjust	1 Ea		

TOTAL OF BID – GANGES TOWNSHIP \$ \_\_\_\_\_

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_



10. LH 4749 – MANLIUS TOWNSHIP – On Old Allegan Road from 130<sup>th</sup> Avenue to 52<sup>nd</sup> Street – 2.94 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 26, 2014. This project will be ready to pave on or about June 2, 2014.

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 4749 – MANLIUS TOWNSHIP – On Old Allegan Road from 130<sup>th</sup> Avenue to 52<sup>nd</sup> Street – 2.94 miles

HMA 13A, MOD – **PG 64-28**

CONDITIONING AGGREGATE BASE

SHOULDER, CL II, LM

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 leveling course 22'-32' wide at an average yield of 165 lb/syd and an HMA 13A, Mod surface course 22'-32' wide at an average yield of 165 lb/syd. A 0'-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 3+60	32' HMA	0' Rt & Lt
3+60 to 34+90	22' HMA	5' Rt & Lt
34+90 to 36+25 Rt	27' HMA	0' Rt, 5' Lt
36+25 to 134+20	22' HMA	5' Rt & Lt
134+20 to 134+42	27' HMA	5' Rt, 0' Lt
134+42 to 144+65	32' HMA	0' Rt & Lt
144+65 to POE	22' HMA	5' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	POE, Pavement for Butt Joints, Rem (40'x14') 62 Syd
0+00 Rt & Lt	Begin 5' paved shoulders
0+00 Lt	Begin valley gutter
3+60 Lt	End valley gutter
3+60	End paved shoulders
11+05 Lt	130 <sup>th</sup> Street, pave approach
11+03 Lt	Monument Box, Adjust
11+08 Lt	Monument Box, Adjust
31+97 Rt	56th Street, pave approach
34+90 Rt	Begin 5' paved shoulder and valley gutter
36+25 Rt	End 5' paved shoulder and valley gutter
37+58 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
40+10 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
75+58	Monument Box, Adjust
75+58 Rt	Intersection 128 <sup>th</sup> Avenue, Pavement for Butt Joints, Rem (50'x14') 78 Syd
75+58 Lt	Intersection 128 <sup>th</sup> Avenue, pave approach
107+10 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
134+20 Lt	Begin 5' paved shoulder and valley gutter
134+42 Rt	Begin 5' paved shoulder and valley gutter
138+90 Lt	End valley gutter, continue paved shoulder
139+25 Rt	End valley gutter, continue paved shoulder
141+06 Lt	Begin valley gutter
141+60 Rt	Begin valley gutter
144+65 Rt & Lt	End paved shoulders and valley gutter
146+85 Lt	Intersection 126 <sup>th</sup> Avenue, pave approach
155+00	POE, end paving

10. LH 4749 – MANLIUS TOWNSHIP – On Old Allegan Road from 130<sup>th</sup> Avenue to 52<sup>nd</sup> Street – 2.94 miles

ALLEGAN COUNTY ROAD COMMISSION  
ALLEGAN, MICHIGAN

**ITEMIZED UNIT PRICE BID SCHEDULE**

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4749	HMA 13A, Mod	7,175 Ton		
LH 4749	Conditioning Aggregate Base	155 Sta		
LH 4749	Shoulder, CI II, LM	3,000 Cyd		
LH 4749	Pavement for Butt Joints, Rem	175 Syd		
LH 4749	Pavement Marking, Waterborne, 4 inch, Yellow	17,000 Ft		
LH 4749	Pavement Marking, Temporary	155 Sta		
LH 4749	Flag Control	1 LS		
LH 4749	Traffic Control Devices	1 LS		
LH 4749	Monument Box, Adjust	3 Ea		

TOTAL OF BID – MANLIUS TOWNSHIP \$ \_\_\_\_\_

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

11. LH 4739 - OVERISEL TOWNSHIP – On 42<sup>nd</sup> Street from 147<sup>th</sup> Avenue to the north county line – 0.53 miles

BID AND AWARD

Date: \_\_\_\_\_

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

Gentlemen:

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

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

The undersigned agrees to complete all items of work on or before September 26, 2014. This project will be ready to pave on or about June 2, 2014.

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 4739 - OVERISEL TOWNSHIP – On 42<sup>nd</sup> Street from 147<sup>th</sup> Avenue to the north county line – 0.53 miles

HMA 13A – **PG 64-28**

CONDITIONING AGGREGATE BASE

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 including conditioning the aggregate base, 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' gravel shoulder will then be placed from the POB to POE except where valley 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 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 1+00	32' HMA	0' Rt & Lt
1+00 to 13+00	22' HMA	5' Rt & Lt
13+00 to 25+50	32' HMA	0' Rt & Lt
25+50 to 28+30	22' HMA	5' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	POB, Pavement for Butt Joints, Rem (50'x14') 78 Syd
0+00 Rt & Lt	Begin 5' paved shoulders
1+00 Rt & Lt	End paved shoulders
13+00 Rt & Lt	Begin 5' paved shoulder
15+70 Lt	Begin valley gutter
17+45 Lt	End valley gutter
17+45 Rt & Lt	Continue 5' paved shoulder
25+50 Rt & Lt	End paved shoulders
28+22	Monument Box, Adjust
28+30	POE, Pavement for Butt Joints, Rem (30'x14') 47 Syd

12. LH 4742 - OVERISEL TOWNSHIP – On 40<sup>th</sup> Street from 142<sup>nd</sup> Avenue to 144<sup>th</sup> Avenue –  
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 26, 2014. This project will be ready to pave on or about June 2, 2014.

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 4742 - OVERISEL TOWNSHIP – On 40<sup>th</sup> Street from 142<sup>nd</sup> Avenue to 144<sup>th</sup> Avenue –  
1.02 mile

HMA 13A, MOD

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT REM, MOD

SHOULDER PREP

SHOULDER, CL II, LM

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 over the entire project at a width of 22' with an average yield of 220 lb/syd. A 5' 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 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 POE	22' HMA	5' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	Intersection 142nd Avenue (Reference)
0+12	POB, Pavement for Butt Joints, Rem (50'x14') 78 Syd
2+70 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
7+30 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
11+73 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
14+90 Lt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
19+35 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
19+96 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
26+16 Lt	Concrete Drive, remove approach and match with HMA
26+74	Monument Box, Adjust
28+37 Lt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
53+57	Monument Box, Adjust
53+57 Rt & Lt	Intersection 144 <sup>th</sup> , Pavement for Butt Joints, Rem (50'x14') 78 Syd each side
54+10	POE, Pavement for Butt Joints, Rem (50'x14') 78 Syd

13. LH 4743 - OVERISEL TOWNSHIP – On 147<sup>th</sup> Avenue from 38<sup>th</sup> Street to 36<sup>th</sup> 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 26, 2014. This project will be ready to pave on or about June 2, 2014.

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 4743 - OVERISEL TOWNSHIP – On 147<sup>th</sup> Avenue from 38<sup>th</sup> Street to 36<sup>th</sup> Street – 0.98 mile

HMA – 13A, MOD

PAVEMENT FOR BUTT JOINTS, REM

SHOULDER, CL II, LM

SHOULDER PREP

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 an HMA 13A, Mod surface course 22' wide at an average yield of 220 lb/syd. A 5' 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. 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 POE	22' HMA	5' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	Intersection 38th Street (Reference)
0+20	POE, Pavement for Butt Joints, Rem (50'x14') 78 Syd
9+86 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
24+93 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
26+30	Monument Box
51+84	POE, Pavement for Butt Joints, Rem (50'x14') 78 Syd
52+57	Intersection 36th Street (Reference)

14. LH 4722 – OVERISEL TOWNSHIP – On 139<sup>th</sup> Avenue from 45<sup>th</sup> Street to 43<sup>rd</sup> Street –  
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 26, 2014. This project will be ready to pave on or about June 2, 2014.

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 4722 – OVERISEL TOWNSHIP – On 139<sup>th</sup> Avenue from 45<sup>th</sup> Street to 43<sup>rd</sup> Street –  
1.00 mile

HMA 13A, MOD

SHOULDER, CL II, LM

SHOULDER PREP

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT REM, MOD

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 45th Street (Reference)
0+12	POB, Pavement for Butt Joints, Rem (50'x14') 78 Syd
26+51	Monument Box, Adjust
25+51 Rt	Intersection 44th Street HMA, pave approach
37+85 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
39+38 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
40+19 Rt	HMA Drive, Pavement for Butt Joints, Rem (12'x6') 8 Syd
52+58	POE, Pavement for Butt Joints, Rem (50'x14') 78 Syd
52+77	Intersection 43rd Street (Reference)



15. LH 4750 – OVERISELTOWNSHIP – On 146<sup>th</sup> Avenue east of 43<sup>rd</sup> Street – Spot Pave

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 26, 2014. This project will be ready to pave on or about June 2, 2014.

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 4750 – OVERISELTOWNSHIP – On 146<sup>th</sup> Avenue east of 43<sup>rd</sup> Street – Spot Pave

HMA 13A, MOD

CONDITIONING AGGREGATE BASE

PAVEMENT FOR BUTT JOINTS, REM

PAVEMENT MARKING, TEMPORARY

FLAG CONTROL

TRAFFIC CONTROL DEVICES

SCOPE OF THE WORK

The work will consist of preparing the existing HMA surface including grading, then placing a HMA 13A, Mod leveling course 22' wide at an average yield of 220 lb/syd and an 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. Aggregate base shall be removed to a depth of 2" to accommodate the leveling course. The removed material shall be used for the shoulder gravel, cost included in conditioning aggregate base item.

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 43 <sup>rd</sup> Street (Reference)
7+11	POB, Pavement for Butt Joints, Rem (30'x14') 47 Syd
7+25	Begin leveling course
8+25	End leveling course
8+39	POE, Pavement for Butt Joints, Rem (30'x14') 47 Syd

16. LH 4751 – OVERISEL/SALEM TOWNSHIPS – On 36<sup>th</sup> Street south of 144<sup>th</sup> Avenue –  
Spot Pave

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 26, 2014. This project will be ready to pave on or about June 2, 2014.

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 4751 – OVERISEL/SALEM TOWNSHIPS – On 36<sup>th</sup> Street south of 144<sup>th</sup> Avenue –  
Spot Pave

HMA 13A, MOD

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 22' wide at an average yield of 275 lb/syd.

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	N/A

Miscellaneous Items of Work Quantity

0+00	Intersection 144 <sup>th</sup> Avenue (Reference)
2+30	Begin paving, feather joint
7+00	End paving, feather joint
10+50	Begin paving, feather joint
12+60	End paving, feather joint
19+00	Begin paving, feather joint
20+00	End paving, feather joint
22+90	Begin paving, feather joint
24+20	End paving, feather joint

**ITEMIZED UNIT PRICE BID SCHEDULE FOR LH 4739 AND LH 4742**

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4739	Conditioning Aggregate Base	28 Sta		
LH 4739	HMA 13A, Mod	1,600 Ton		
LH 4739	Shoulder, CL II, LM	300 Cyd		
LH 4739	Pavement for Butt Joints, Rem	160 Syd		
LH 4739	Pavement Marking, Waterborne, 4 inch, Yellow	4,000 Ft		
LH 4739	Pavement Marking, Temporary	28 Sta		
LH 4739	Flag Control	1 LS		
LH 4739	Monument Box, Adj	1 Ea		
LH 4739	Traffic Control Devices	1 LS		

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4742	HMA 13A, Mod	1,550 Ton		
LH 4742	Pavement for Butt Joints, Rem	370 Syd		
LH 4742	Pavement Rem, Mod	8 Syd		
LH 4742	Shoulder Prep	1 LS		
LH 4742	Shoulder, CI II, LM	700 Cyd		
LH 4742	Pavement Marking, Waterborne, 4 inch, Yellow	4,800 Ft		
LH 4742	Pavement Marking, Temporary	54 Sta		
LH 4742	Flag Control	1 LS		
LH 4742	Traffic Control Devices	1 LS		
LH 4742	Monument Box, Adjust	2 Ea		

**ITEMIZED UNIT PRICE BID SCHEDULE FOR LH 4743 AND LH 4722**

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4743	HMA 13A, Mod	1,500 Ton		
LH 4743	Pavement for Butt Joints, Rem	175 Syd		
LH 4743	Shoulder, CI II, LM	650 Cyd		
LH 4743	Shoulder Prep	1 LS		
LH 4743	Pavement Marking, Waterborne, 4 inch, Yellow	2,800 Ft		
LH 4743	Pavement Marking, Temp	53 Sta		
LH 4743	Flag Control	1 LS		
LH 4743	Monument Box, Adjust	1 Ea		
LH 4743	Traffic Control Devices	1 LS		

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4722	HMA 13A, Mod	1,500 Ton		
LH 4722	Shoulder, CI II, LM	650 Cyd		
LH 4722	Shoulder Prep	1 LS		
LH 4722	Pavement for Butt Joints, Rem	180 Syd		
LH 4722	Pavement Marking, Waterborne, 4 inch, Yellow	1,350 Ft		
LH 4722	Pavement Marking, Temporary	53 Sta		
LH 4722	Flag Control	1 LS		
LH 4722	Traffic Control Devices	1 LS		
LH 4722	Monument Box, Adjust	1 Ea		



**ITEMIZED UNIT PRICE BID SCHEDULE FOR LH 4750 AND LH 4751**

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4750	HMA 3C, Mod	70 Ton		
LH 4750	Pavement for Butt Joints, Rem	100 Syd		
LH 4750	Pavement Marking, Temporary	1 Sta		
LH 4750	Flag Control	1 LS		
LH 4750	Traffic Control Devices	1 LS		

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4751	HMA 13A, Mod	300 Ton		
LH 4751	Pavement Marking, Temporary	8 Sta		
LH 4751	Flag Control	1 LS		
LH 4751	Traffic Control Devices	1 LS		

TOTAL OF BID – OVERISEL TOWNSHIP \$ \_\_\_\_\_

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

17. LH 4752 – OTSEGO TOWNSHIP – On 13<sup>th</sup> Street from 102<sup>nd</sup> Avenue to M-89 – 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 September 26, 2014. This project will be ready to pave on or about June 2, 2014.

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 4752 – OTSEGO TOWNSHIP – On 13<sup>th</sup> Street from 102<sup>nd</sup> Avenue to M-89 – 0.99 mile

HMA 13A, MOD

SHOULDER, 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

MONUMENT BOX, ADJUST

MANHOLE, ADJUST

WATER VALVE 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 28+79	22' HMA	5' Rt & Lt
28+79 to 31+10	32' HMA	0' Rt & Lt
31+10 to 50+50	22' HMA	5' Rt & Lt
50+50 to POE	32' HMA	0' Rt & Lt

Miscellaneous Items of Work Quantity

0+00	Intersection 102 <sup>nd</sup> Avenue (Reference)
0+16	POB, Pavement for Butt Joints, Rem (50'x14') 78 Syd
1+90 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
6+25 Lt	Concrete Drive, remove approach and match with HMA
7+91 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
9+00 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
9+83 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
13+20	Monument Box, Adjust
14+44 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
15+15 Lt	Concrete Drive, remove approach and match with HMA
16+42 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
17+19 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
17+53 Rt	Concrete Drive, remove approach and match with HMA
18+50 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
20+00 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
23+00 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
26+40	Manhole, Adjust
26+40 Rt	Intersection 103rd Avenue, Pavement for Butt Joints, Rem (50'x14') 78 Syd
26+65 Rt	Water Valve Box, Adjust
26+66 Rt	Water Valve Box, Adjust
26+68 Rt	Water Valve Box, Adjust
28+19 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
28+79 Lt	Begin Widening 10'
29+47 Lt	Begin Concrete Curb, Pavement for Butt Joints, Rem (34'x7') 26 Syd
29+81 Lt	End Concrete Curb
30+00 Lt	Intersection Centennial Court, Pavement for Butt Joints, Rem (30'x14') 47 Syd
30+07	Manhole, Adjust
30+15 Lt	Begin Concrete Curb, Pavement for Butt Joints, Rem (30'x7') 23 Syd
30+45 Lt	End Concrete Curb
30+80 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
31+10 Lt	End Widening 10'
34+54 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
35+00	Manhole, Adjust
35+00 Lt	Intersection Hazelwood Dr, Pavement for Butt Joints, Rem (30'x14') 47 Syd
36+50 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
38+92	Manhole, Adjust

Miscellaneous Items of Work Quantity Cont:

41+64 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
41+88 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
42+92	Manhole, Adjust
43+47 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
45+80 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
46+42	Manhole, Adjust
46+64 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
48+80 Lt	Manhole, Adjust
49+38 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
49+70 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
49+96 Rt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
50+50	Begin 32' wide road
50+94 Rt	Concrete Drive, remove approach and match with HMA
51+28 Lt	Water Valve Box, Adjust
51+2+ Rt	Water Valve Box, Adjust
51+34 Lt	HMA Drive, Pavement for Butt Joints, Rem (12' x 6') 8 Syd
51+39	Manhole, Adjust
52+04 Lt & Rt	Begin Concrete Curb
52+42 Rt & Lt	End Concrete Curb
52+42	POE, Pavement for Butt Joints, Rem (40'x32') 142 Syd

17. LH 4752 – OTSEGO TOWNSHIP – On 13<sup>th</sup> Street from 102<sup>nd</sup> Avenue to M-89 – 0.99 mile

ALLEGAN COUNTY ROAD COMMISSION  
ALLEGAN, MICHIGAN

**ITEMIZED UNIT PRICE BID SCHEDULE**

PROJECT	ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
LH 4752	HMA 3C, Mod	1,550 Ton		
LH 4752	Shoulder Prep	1 LS		
LH 4752	Shoulder, CI II, LM	500 Cyd		
LH 4752	Pavement for Butt Joints, Rem	780 Syd		
LH 4752	Pavement Rem, Mod	40 Syd		
LH 4752	Pavmt, Mrkg, Waterborne, 4 inch, Yellow	10,100 Ft		
LH 4752	Pavement Marking, Temporary	52 Sta		
LH 4752	Flag Control	1 LS		
LH 4752	Traffic Control Devices	1 LS		
LH 4752	Monument Box, Adjust	2 Ea		
LH 4752	Manhole, Adjust	8 Ea		
LH 4752	Water Valve Box, Adjust	5 Ea		

TOTAL OF BID – OTSEGO TOWNSHIP \$ \_\_\_\_\_

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_