



W8590 Willis Ray Road, Whitewater, WI 53190  
Phone: 262.473.4639 | Fax: 262.473.5551  
www.townofwhitewater.org

## TOWN OF WHITEWATER 2018 ROAD REHABILITATION

### PART 1 – GENERAL

#### BIDDING PROCEDURES

Bids must be submitted by **8:00am on Thursday, May 17, 2018** or they will not be accepted. **Return sealed bids marked “Road Bids” to: Town of Whitewater, W8590 Willis Ray Rd., Whitewater, WI 53190.**

At the time of filing a Bid, there must be filed either the required Bid Bond or Certified Check in the amount of at least 5% of the bid, conditioned that if the Bidder is successful, he will, within 10 days of written notification of bid acceptance, file the properly executed Contract, Performance and Payment Bonds.

The successful Bidder will be required to furnish satisfactory Performance and Payment Bonds for the full amount of the Contract Price for each of the above Bonds. If the Bidder fails to do so within the specified time as required by the Owner, the amount of the Certified Check or Bid Bond will be forfeited to the Owner as liquidated damages.

Winning bidders must provide current certificates of liability and workers compensation insurance as well as MSDS sheets for all materials used prior to beginning work. **INSURANCE:** The contractor shall furnish and deliver to the Owner a Certificate of Insurance for Worker’s Compensation and an Umbrella Certificate of Liability and Property Insurance in the minimum of Two Million Dollars before beginning work, and shall notify the owner immediately of any cancellation or change in insurance coverage.

Projects will be awarded on the combination any roads included as the Township sees fit. The Town of Whitewater reserves the right to reject any and all bids, waive any formalities in bidding, or to accept the bid which is in the best interest of the Town of Whitewater.

**Bids will be opened and acted on at an 8:00am special Town Board Meeting on Thursday, May 17, 2018** at the Whitewater Town Hall. Weight slips are required for all road materials used. All bids and materials must be according to State of Wisconsin road standards.

#### CONTRACT TIME

All work under this contract must be completed by October 1<sup>st</sup>, 2018.

#### LIQUIDATED DAMAGES

The Owner and Contractor recognize that as liquidated damages for delay (but not as penalty), Contractor will pay Owner the amount of \$500.00 per calendar day that expires after the time specified in this document as Contract Time. They also recognize the delays, expense and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by the Owner if the work is not completed on time. Accordingly, instead of requiring any such proof, the Owner and Contractor agree that Liquidated Damages as a penalty for delay, Contractor shall pay the Owner \$500.00 for each day that expires after the time specified in this document as Contract Time, plus additional engineering and inspection costs.

#### RELATED DOCUMENTS

Drawings, if any, and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specifications Sections, apply to work of this section.



## REFERENCES

State of Wisconsin Department Transportation Standard Specifications for Highway & Structure Construction 2003 Edition, hereinafter called “WI Standard Specifications.”

## SUBMITTALS

Job-Mix Designs: For each job mix proposed for the Work.

Material Certificates: Provide copies of materials certificates signed by material producer and Contractor, certifying that each material item complies with, or exceeds, specified requirements.

## REPAIRS, PROTECTION AND CLEARING

Remove paved areas that are defective or contaminated with foreign materials and replace with fresh, hot asphaltic concrete. Compact by rolling to specific density and surface smoothness.

At the completion of work, remove any rubbish, debris, equipment and excess materials generated by the paving contractor from the site. Clean adjoining surfaces which were soiled by and during the course of this work.

## WARRANTY

Finished work shall be free from bumps or depressions, evenly graded to levels required and shall be warranted against general defects of materials and workmanship for a period of one year from date of substantial completion.

Warranty: Furnish written warranty as specified herein.

## PART 2 – SPECIFICATIONS

### 2.1 ASPHALTIC CONCRETE PAVEMENT

The unit bid and contract price for this item shall include furnishing all material, equipment, labor, sweeping, and construction bituminous concrete roadways and/or driveways to the thickness and locations shown on the plans or directed.

Asphalt sawing will be considered incidental to the Asphaltic Concrete pay item. Asphalt pavement in the Base Bid Proposal shall consist of asphalt per Section 460.3.1 of the State Specifications.

Materials and construction shall conform to the requirements of the latest edition of the Wisconsin Department of Transportation (WDOT) specifications, sections 450, 455 and 460. Additionally, materials and construction shall also conform to the requirements the current WDOT ASP 6, 460.2.1, **which includes the regression of air voids from 4.0% to 3.0% with asphalt cement.**

Omitted from the requirements will be Ride quality requirements and testing (section 440), QMP mixture sampling and testing (section 460.2.8), nuclear density testing (section 460.3.3), PG binder and tack coat sampling and testing (section 455.2.2 and 455.2.3), cold weather paving (section 450.3.2.1) and safety edge (section 450.3.2.11).

Payment will be made at the contract unit price per ton Asphaltic Concrete Pavement ordered and installed including asphalt driveways.



W8590 Willis Ray Road, Whitewater, WI 53190  
 Phone: 262.473.4639 | Fax: 262.473.5551  
[www.townofwhitewater.org](http://www.townofwhitewater.org)

Installation to meet the following compaction requirements:

- (1) Compact all layers of HMA mixture to the density table 460-3 shows for the applicable mixture, location, and layer.

**TABLE 460-3 MINIMUM REQUIRED DENSITY<sup>[1]</sup>**

LOCATION	LAYER	PERCENT OF TARGET MAXIMUM DENSITY		
		MIXTURE TYPE		
		LT and MT	HT	SMA <sup>[5]</sup>
TRAFFIC LANES <sup>[2]</sup>	LOWER	93.0 <sup>[3]</sup>	93.0 <sup>[4]</sup>	—
	UPPER	93.0	93.0	—
SIDE ROADS, CROSSOVERS, TURN LANES, & RAMPS	LOWER	93.0 <sup>[3]</sup>	93.0 <sup>[4]</sup>	—
	UPPER	93.0	93.0	—
SHOULDERS & APPURTENANCES	LOWER	91.0	91.0	—
	UPPER	92.0	92.0	—

<sup>[1]</sup> The table values are for average lot density. If any individual density test result falls more than 3.0 percent below the minimum required target maximum density, the engineer may investigate the acceptability of that material.

<sup>[2]</sup> Includes parking lanes as determined by the engineer.

<sup>[3]</sup> Minimum reduced by 2.0 percent for a lower layer constructed directly on crushed aggregate or recycled base courses.

<sup>[4]</sup> Minimum reduced by 1.0 percent for a lower layer constructed directly on crushed aggregate or recycled base courses.

<sup>[5]</sup> The minimum required densities for SMA mixtures are determined according to CMM 8-15.

Asphaltic Concrete Pavement to conform to the following specifications:

Mix type and gradation shall comply as follows:

**4" Binder and Surface:**

- 2.25" 3LT 58-28S
- 1.75" 4LT 58-28S

**Culvert Patching - 2" Patching:**

- 2" 4LT 58-28S

**Alternate #2 – Townline Rd**

- Wedge Paving - 1" 4LT 58-28S
- Overlay - 2" 4LT 58-28S

**Wedging to be done in select areas prior to whole road overlay. Layout to be done by Town of Whitewater.**

Weather Limitations: Construct asphaltic concrete pavement upper layer when atmospheric temperature is above 40 deg. F (4deg.C) and when base is dry.

If work cannot be completed because of weather, place lower layer and delay placing upper layer until weather permits. Bring lower layer to correct grade, clean, and apply tack coat before installing upper layer. Apply tack coat to dry surfaces only.

Contractor shall submit LT-mix design prior to any placement of material.

Road must remain open to local traffic during paving operations.



W8590 Willis Ray Road, Whitewater, WI 53190  
 Phone: 262.473.4639 | Fax: 262.473.5551  
[www.townofwhitewater.org](http://www.townofwhitewater.org)

Measurement and payment for this item will be made per ton of Asphaltic Concrete Pavement, placed, and compacted at the project work area and based upon weight receipts from a certified scale of the materials supplier. The contractor shall provide copies of the Asphaltic Concrete Pavement material weight receipts to the engineer or owner at the close of each working day.

## 2.2 Bituminous Tack Coat

The unit bid and contract price for this item shall include furnishing all material, equipment, labor and applying tack at a rate of 0.05 gallons per square yard to the pavement as designated on the plans or as directed.

Measurements and payment for this item will be made per gallon of tack coat applied. The Contractor shall provide copies of tickets indicating gallons of bituminous tack coat used on site.

Tack is incidental to the HMA pavement items.

## 2.3 Removing Asphaltic Butt Joints

Remove existing asphalt surface to allow for proper thickness of asphalt overlay. Includes asphalt driveways and project limits. Price includes milling, sweeping, and removal of millings to the match points laid out by the Town of Whitewater. Butt Joints to be paid per contract unit price.

## 2.4 Pulverizing & Relay

The unit bid is for full depth in-place pulverizing of the existing asphaltic pavement along with a portion of the underlying base and relaying the pulverized material to construct a new base. All work to be completed per WisDOT section 325. All sawcutting needed, proof rolling, and driveway removal to match point laid out by the Town of Whitewater is incidental to the pulverizing and relay item. Conduct proof roll by test rolling pulverized asphalt base with a quad axle truck loaded within 3 tons of the vehicles legal load limit.

Payment will be made at the contract unit price per SY acceptably completed.

## Base Bid

See section maps. All measurements indicated are approximate. Please re-measure to ensure accurate bids.

Richmond/Whitewater Townline Rd - Pulverize/Pave					
Section #1 – R&W Townline Rd west of Hwy 89 - 90' east of fire # W9188 to 120' west of fire # W9405					
Item #	Description	Units	Quantity	Unit Price	Total
1	Full thickness pulverizing and preparation of foundation sub-grade regrading of R&W Townline Rd performed at a unit price of	SY	6770		
2	Asphaltic concrete pavement (lower layer) 2.25" thickness binder course, furnished and placed as specified, at a unit price of	TON	880		
3	Asphaltic concrete pavement (upper layer) 1.75" thickness surface course, furnished and placed as specified, at a unit price of	TON	690		
4	Traffic Control	LS	1		
<b>Subtotal Section 1 - Items 1 through 4 inclusive...</b>					



W8590 Willis Ray Road, Whitewater, WI 53190  
 Phone: 262.473.4639 | Fax: 262.473.5551  
[www.townofwhitewater.org](http://www.townofwhitewater.org)

<b>Stader Rd Patching – 2 areas</b>					
<b>Section #2 - Stader Rd – area 1) 216' west of fire # W9440 and area 2) 100' west of fire # W9439</b>					
Item #	Description	Units	Quantity	Unit Price	Total
1	2" Asphalt Patching (includes asphalt milling)	SY	90		
<b>Subtotal Section 2 - Items 1 through 1 inclusive...</b>					

<b>Clover Valley Rd - Pulverize/Pave</b>					
<b>Section #3 - Clover Valley Rd – 20' west of fire # W8235 to 48' east of fire # W8182</b>					
Item #	Description	Units	Quantity	Unit Price	Total
1	Full thickness pulverizing and preparation of foundation sub-grade regrading of Clover Valley Rd performed at a unit price of	SY	1960		
2	Asphaltic concrete pavement (lower layer) 2.25" thickness binder course, furnished and placed as specified, at a unit price of	TON	260		
3	Asphaltic concrete pavement (upper layer) 1.75" thickness surface course, furnished and placed as specified, at a unit price of	TON	205		
4	Traffic Control	LS	1		
<b>Subtotal Section 3 - Items 1 through 4 inclusive...</b>					

### Alternate Projects

<b>Richmond/Whitewater Townline Rd - Pulverize/Pave - East limit to STH 89</b>					
<b>Alternate #1 - R&amp;W Townline Rd west of Hwy 89 - 90' east of fire # W9188 to Hwy 89</b>					
Item #	Description	Units	Quantity	Unit Price	Total
1	Full thickness pulverizing and preparation of foundation sub-grade regrading of R&W Townline Road performed at a unit price of	SY	2950		
2	Asphaltic concrete pavement (lower layer) 2.25" thickness binder course, furnished and placed as specified, at a unit price of	TON	385		
3	Asphaltic concrete pavement (upper layer) 1.75" thickness surface course, furnished and placed as specified, at a unit price of	TON	300		
4	Traffic Control	LS	1		
<b>Subtotal Alternate #1 - Items 1 through 4 inclusive...</b>					



W8590 Willis Ray Road, Whitewater, WI 53190  
 Phone: 262.473.4639 | Fax: 262.473.5551  
 www.townofwhitewater.org

Richmond/Whitewater Townline Rd – wedge and overly					
Alternate #2 – R&W Townline Rd west of Hwy 89 - 90' east of fire # W9188 to 120' west of fire # W9405					
Item #	Description	Units	Quantity	Unit Price	Total
1	Removing Asphaltic Butt Joints at Driveways and Project Limits	SY	90		
2	Asphaltic concrete pavement (wedge layer) 1" thickness surface course, furnished and placed as specified, at a unit price of	TON	250		
3	Asphaltic concrete pavement (upper layer) 2" thickness surface course, furnished and placed as specified, at a unit price of	TON	800		
4	Traffic Control	LS	1		
<b>Subtotal Alternate #2 - Items 1 through 4 inclusive...</b>					

**Base Bid Total Sections 1 thru 3** \_\_\_\_\_

**Alternate Bid Total – Alternate 1** \_\_\_\_\_

**Alternate Bid Total – Alternate 2** \_\_\_\_\_

PROPOSAL, submitted by \_\_\_\_\_ BIDDER

of \_\_\_\_\_  
(Name of Sole Owner, Co-Partnership or Corporation)

By \_\_\_\_\_ DATE \_\_\_\_\_  
BIDDER MUST SIGN ON THIS LINE

ADDRESS \_\_\_\_\_

PHONE \_\_\_\_\_

E-MAIL \_\_\_\_\_