

**TOWN OF LINN
2024 ASPHALT PAVING PROGRAM**

PART 1 – GENERAL

1.1 BIDDING PROCEDURES

Bids must be submitted to the Town of Linn at the time and location specified on the attached cover sheet, at which time qualified bids will be publicly opened. Any bids not submitted on time or not missing proper paperwork will not be accepted.

At the time of filing a Proposal or Bid, there must be filed either the required Bid Bond or Certified Check in the required amount, as set forth below, conditioned that if the Bidder is awarded, he will, within the time limited by the Owner, file the properly executed Contract, Performance and Payment Bonds.

The Owner requires either a Bid Bond or Certified Check of at least 5% of the Bid.

The time limit for filing the executed Contract, Performance and Payment Bond is 10 days from the time the Owner notifies the Bidder in writing that he is the awarded Bidder.

The awarded 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.

The award for this project is contingent on the Town's receipt of funding multiple highway projects, arrangements for which are pending at the present time. The Town reserves the right to reject any and all bids. The Town also reserves the right to award a portion or combination of the work included in the bid as the Town sees fit.

1.2 CONTRACT TIME

All work under this contract must be completed by August 30th, 2024 except for Lackey Lane. Lackey Lane to be completed after the bridge replacement which is anticipated to occur in the Fall of 2024

1.3 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.

1.4 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.

1.5 REFERENCES

State of Wisconsin Department Transportation Standard Specifications for Highway & Structure Construction 2017 Edition, hereinafter called "WI Standard Specifications"

1.6 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.

1.7 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.

1.8 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, 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.

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), 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.

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^[1]

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

^[1] 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.

^[2] Includes parking lanes as determined by the engineer.

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

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

^[5] 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:

Scratch & Overlay

Upper Level – 2” 4LT 58-28S

Lower Level – <=1.0” 4LT 58-28S

Weather Limitations: Construct asphaltic concrete pavement upper layer when atmospheric temperature is above 40 deg. F (4deg.C) and when base is dry. Lower layer may be placed when air temperature is above 35 deg. F (-1 deg, C) and rising.

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.

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 QMP ASHALTIC PAVEMENT

Provide and maintain a quality management program for all asphaltic mixtures in the contract in accordance with State of Wisconsin DOT Standards & Specification Section 460.2.8.

The Town of Linn will periodically conduct independent verification test to validate the quality of the material incorporated into the work. The Township may base approval of material on quality assurance tests.

The cost for all QMP is incidental to the HMA pavement.

2.4 REMOVING ASPHALTIC SURFACE – BUTT JOINTS

Remove existing asphalt surface to allow for proper thickness of asphalt overlay. Includes driveways and project limits. Price includes milling, sweeping, and removal of millings to the match points to the match points laid out by the Town of Linn.

Payment will be made at the contract unit price per SY of removing asphaltic surface butt joints.

2.5 REMOVING ASPHALTIC SURFACE – MILLING

Remove existing asphalt surface to allow for proper thickness of asphalt overlay. Includes driveways and project limits. Price includes milling, sweeping, and removal of millings to the match points to the match points laid out by the Town of Linn.

Payment will be made at the contract unit price per SY of removing asphaltic surface milling.

2.7 CRUSHED AGGREGATE SHOULDER

The unit bid and contract price for this item shall include furnishing and placing of a 18” crushed aggregate shoulder wherever indicated in the contract bid proposal or as directed by the Town of Linn. The shoulder material shall be ¾” Dense Graded Base and meet the requirements of Section 305 of the WI Standard Specifications.

The item will be measured per ton of ¾” Dense Graded Base delivered, placed and compacted at the project work area and based upon material weight receipts from a certified scale of the material supplier. The Contractor shall provide copies of the material weight receipts to the Engineer or Owner at the close of each working day.

Payment will be made at the contract unit price per ton ¾” Dense Graded Base ordered and installed. **Town of Linn reserves the right to remove shouldering items from the contract at no additional cost/compensation to the project.**

2.8 RECYCLED ASPHALT SHOULDER

The unit bid and contract price for this item shall include furnishing and placing of recycled asphalt shoulder wherever indicated in the contract bid proposal or as directed by the Town of Linn. The shoulder material shall be 3/4" Dense Graded recycled asphalt pavement and meet the requirements of Section 305 of the Standard Specifications.

The item will be measured per ton of 3/4" Dense Graded recycled asphalt delivered, placed, and compacted at the project work area and based upon material weight receipts from a certified scale of the material supplier. The Contractor shall provide copies of the material weight receipts to the Engineer or Owner at the close of each working day.

Road must remain open to local traffic during shouldering operations.

Payment will be made at the contract unit price per ton 3/4" Dense Graded recycled asphalt ordered and installed. **Town of Linn reserves the right to remove shouldering items from the contract at no additional cost/compensation to the project.**

2.9 SHAPING SHOULDERS

The unit bid and contract price for this item shall include labor and equipment, including flagging, wherever indicated in the contract bid proposal or as directed by the Town of Linn. The shoulder shaping shall be completed per WisDOT specification 305.3.4.

Road must remain open to local traffic during shouldering operations.

Payment will be made at the contract unit price per LF acceptably completed. **Town of Linn reserves the right to remove shouldering items from the contract at no additional cost/compensation to the project.**

TOWN OF LINN ROAD REHABILITATION 2024 BID FORM

Base Bid

Section 1 - Zenda Rd - S. Lake Shore to Linton Rd					
Section 1 - Zenda Rd					
Item #	Description	Units	Quantity	Unit Price	Total
1	Removing Asphaltic Butt Joints at Driveways and Project Limits	SY	50		
2	Asphaltic concrete pavement 4LT 58-28S (scratch layer) 1" thickness surface course, furnished and placed as specified, at a unit price of	TON	450		
3	Asphaltic concrete pavement 4LT 58-28S (upper layer) 2" thickness surface course, furnished and placed as specified, at a unit price of	TON	750		
4	Recycled Asphalt Shoulder 2 ft. wide, Furnished and Placed shall comply to Special Provisions Section 2.8	TON	250		
5	4" Double Yellow Epoxy Centerline	LF	2,700		
6	Traffic Control	LS	1		
Subtotal Section 1 - Items 1 through 6 inclusive...					

Section 2 - Cobblestone Rd					
Section 2 - Cobblestone Rd					
Item #	Description	Units	Quantity	Unit Price	Total
1	Removing Asphaltic Butt Joints at Driveways and Project Limits	SY	60		
2	Asphaltic concrete pavement 4LT 58-28S (scratch layer) 1" thickness surface course, furnished and placed as specified, at a unit price of	TON	670		
3	Asphaltic concrete pavement 4LT 58-28S (upper layer) 2" thickness surface course, furnished and placed as specified, at a unit price of	TON	1,110		
4	Recycled Asphalt Shoulder 2 ft. wide, Furnished and Placed shall comply to Special Provisions Section 2.8	TON	375		
5	4" Double Yellow Epoxy Centerline	LF	4,000		
6	Traffic Control	LS	1		
Subtotal Section 2 - Items 1 through 6 inclusive...					

Section 3 - Hilltop Dr, Bluebird, Dr, Grove St & Oak St					
Section 3 - Hilltop Dr, Bluebird, Dr, Grove St & Oak St					
Item #	Description	Units	Quantity	Unit Price	Total
1	Removing Asphaltic Butt Joints at Driveways and Project Limits	SY	360		
2	Asphaltic concrete pavement 4LT 58-28S (scratch layer) 1" thickness surface course, furnished and placed as specified, at a unit price of	TON	600		
3	Asphaltic concrete pavement 4LT 58-28S (upper layer) 2" thickness surface course, furnished and placed as specified, at a unit price of	TON	1,150		
4	Shouldering, 1 ft. wide, shall comply to Special Provisions Section 2.7	TON	330		
5	Traffic Control	LS	1		
Subtotal Section 3 - Items 1 through 5 inclusive...					

Alternate #1

Section 1 - 709 Subdivision - Willowbrook Dr, Countryside Ln, Highmeadow Rd, Meadow Ridge Circle					
Section 1 - 709 Subdivision					
Item #	Description	Units	Quantity	Unit Price	Total
1	Removing Asphaltic Butt Joints at Driveways and Project Limits	SY	455		
2	Asphaltic concrete pavement 4LT 58-28S (scratch layer) 1" thickness surface course, furnished and placed as specified, at a unit price of	TON	910		
3	Asphaltic concrete pavement 4LT 58-28S (upper layer) 2" thickness surface course, furnished and placed as specified, at a unit price of	TON	1,510		
4	Shouldering, 2 ft. wide, shall comply to Special Provisions Section 2.7	TON	520		
5	Traffic Control	LS	1		
Subtotal Alternate 1 - Items 1 through 5 inclusive...					

Alternate #2

Section 1 - Zenda Roads - Forest Glenn St, East Man St, Mill Rd, Franklin-Walsh St, Pleasant St					
Section 1 - Zenda Roads					
Item #	Description	Units	Quantity	Unit Price	Total
1	Removing Asphaltic Butt Joints at Driveways and Project Limits	SY	875		
2	Asphaltic concrete pavement 4LT 58-28S (scratch layer) 1" thickness surface course, furnished and placed as specified, at a unit price of	TON	1,405		
3	Asphaltic concrete pavement 4LT 58-28S (upper layer) 2" thickness surface course, furnished and placed as specified, at a unit price of	TON	2,345		
4	Recycled Asphalt Shoulder 1 ft. wide, Furnished and Placed shall comply to Special Provisions Section 2.8	TON	430		
5	Traffic Control	LS	1		
Subtotal Alternate 2 - Items 1 through 5 inclusive...					

Alternate #3

Section 1 - Lackey Ln					
Section 1 - Lackey Ln					
Item #	Description	Units	Quantity	Unit Price	Total
1	Removing Asphaltic Butt Joints at Driveways and Project Limits	SY	230		
2	Asphaltic concrete pavement 4LT 58-28S (scratch layer) 1" thickness surface course, furnished and placed as specified, at a unit price of	TON	320		
3	Asphaltic concrete pavement 4LT 58-28S (upper layer) 2" thickness surface course, furnished and placed as specified, at a unit price of	TON	530		
4	Shouldering, 2 ft. wide, shall comply to Special Provisions Section 2.7	TON	215		
5	Traffic Control	LS	1		
Subtotal Alternate 3 - Items 1 through 5 inclusive...					

Alternate #4

Section 1 - Willow Rd Shouldering					
Section 1 - Willow Rd Shouldering					
Item #	Description	Units	Quantity	Unit Price	Total
1	Shaping Shoulders, shall comply to Special Provision Section 2.9	LF	12,700		
2	Recycled Asphalt Shoulder 1 ft. wide, Furnished and Placed shall comply to Special Provisions Section 2.8	TON	215		
3	Traffic Control	LS	1		
Subtotal Alternate 4 - Items 1 through 3 inclusive...					

Alternate #5

Section 1 - Misc Patching					
Section 1 - Misc Patching					
Item #	Description	Units	Quantity	Unit Price	Total
1	Remove and replace asphalt patching. Price includes removal of existing pavement (including sawcutting) and placement of 4LT 58-28S	TON	200		
3	Traffic Control	LS	1		
Subtotal Alternate 5 - Items 1 through 2 inclusive...					

Base Bid Total Sections 1 thru 3	
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Alternate #1 Bid Total	
Alternate #2 Bid Total	
Alternate #3 Bid Total	
Alternate #4 Bid Total	
Alternate #5 Bid Total	

Bidder's Signature
Date

Town of Linn Signature
Date

