

## **NOTICE OF HEARING AND LETTING TO BIDDERS**

**Project No. : L-HMA2025—73-66 AND L-RVRRD—73-66**

**NOTICE OF PUBLIC HEARING ON PROPOSED PLANS, SPECIFICATIONS, FORM OF CONTRACT AND ESTIMATE OF COSTS FOR “A 3” HMA OVERLAY ON RIVER ROAD FROM HIGHWAY 9 TO HICKORY AVENUE AND ON 340<sup>TH</sup> STREET FROM T38 TO T42, ON MARCH AVENUE FROM 319<sup>TH</sup> STREET TO 340<sup>TH</sup> STREET, AND ON 319<sup>TH</sup> STREET FROM MARCH AVENUE TO T42” IN MITCHELL COUNTY, IOWA AND FOR THE TAKING OF BIDS THEREFOR**

**Sealed bids will be accepted**, by the County Auditor of MITCHELL County at their office in Osage, Iowa, **until 12:00 PM, on Monday, July 28, 2025** for the various items of construction work listed below. Following acceptance of the bids, they will be opened and the amount of each bid amount will be announced.

On **Tuesday, July 29, 2025 at 8:45 AM**, local time, at the Mitchell County Courthouse, in the Board Room, the Mitchell County Board of Supervisors shall hold a public hearing on the proposed plans, specifications, form of contract and estimated costs of said improvements. At said hearing, any interested person may appear and file objections to the proposed plans, specifications, contract or estimated cost of said improvements. Following said public hearing, the bids will be acted upon by the Board.

A Certified check, made payable to the County, or a Cashier's check, made payable to either the County or to the contractor, drawn upon a solvent bank or a bid bond, shall be filed with each proposal in an amount as set forth in the proposal form. Cashier's check, made payable to the contractor, shall contain an unqualified endorsement to the County signed by the contractor or his authorized agent. Failure to execute a contract and file an acceptable bond and Certificate of Insurance within 30 days of the date of the approval for awarding of the contract, as herein provided, will be just and sufficient cause for the denial of the award and the forfeiture of the proposal guaranty.

Plans, specifications and proposal forms for the work may be seen and may be secured at the County Engineer's Office at 3625 March Avenue, Osage.

All proposals must be filed on the forms furnished by the County, sealed and plainly marked. Proposals containing any reservations not provided for in the forms furnished may be rejected, and the County Board reserves the right to waive technicalities and to reject any or all bids.

Attention of bidders is directed to the Special Provisions covering the qualifications of bidders and subletting or assigning of the contract.

As a condition precedent to being furnished a proposal form, a prospective bidder must be on the current Iowa Department of Transportation or local county list of qualified bidders; except that this requirement will not apply when bids are received solely for materials, supplies, or equipment.

MITCHELL County shall issue sales tax exemption certificates through the Iowa Department of Revenue and Finance to the successful bidder and subcontractors to enable them to purchase qualifying materials for the project free of sales tax.

Failure to submit a fully completed Bidder Status Form with the bid may result in the bid being deemed nonresponsive and rejected.

The County, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

**Description of the Proposed Work: L-HMA2025—73-66****3" HMA Overlay with widening**

Description	Units	Quantity
GRANULAR SHOULDERS, TYPE B	TON	1011.420
CLEANING AND PREPARATION OF BASE	MILE	4.2
PAVEMENT SCARIFICATION	TON	1546.7
HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	TON	4953.820
HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	TON	5028.820
ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC	TON	598.96
SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	585.0
CONSTRUCTION SURVEY	LS	1.00
PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	519.24
PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EACH	5
TRAFFIC CONTROL	LS	1.00
FLAGGERS	EACH	20.000
PILOT CARS	EACH	12
MOBILIZATION	LS	1.00
RAILROAD PROTECTIVE LIABILITY INSURANCE FOR CHICAGO, CENTRAL AND PACIFIC RAILROAD / CEDAR RIVER RAILROAD COMPANY	LS	1.00

**Total Proposal Guaranty is \$50,000.00; Completion Date: October 31, 2025; \$1,000.00/Day Liquidated Damages.**

STANDARD SPECIFICATIONS OF THE IDOT, SERIES 2023, AND CURRENT SUPPLEMENTAL SPECIFICATIONS SHALL APPLY.

**Description of the Proposed Work : L-RVRRD--73-66**

**3" HMA Overlay**

Description	Units	Quantity
GRANULAR SHOULDERS, TYPE B	TON	760.000
CLEANING AND PREPARATION OF BASE	MILE	3.4
PAVEMENT SCARIFICATION	SY	356.000
HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	TON	3316.440
HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	TON	3316.440
ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC	TON	398.00
SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	1050.0
CONSTRUCTION SURVEY	LS	1.00
PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	486.12
TRAFFIC CONTROL	LS	1.00
FLAGGERS	EACH	30.000
PILOT CARS	EACH	6
MOBILIZATION	LS	1.00

**Total Proposal Guaranty is \$37,500.00; Completion Date: October 31, 2025; \$1,000.00/Day Liquidated Damages.**

STANDARD SPECIFICATIONS OF THE IDOT, SERIES 2023, AND CURRENT SUPPLEMENTAL SPECIFICATIONS SHALL APPLY.

Approved by the MITCHELL County Board of Supervisors at their regular session on July 1, 2025.

  
By: Rachel Foster, Mitchell County Auditor



Division	Item Number	Description	Units	Quantity	Engineer's Estimate	Extended Amount
Division 1	2121-7425020	GRANULAR SHOULDERS, TYPE B	TON	760.00	21	\$ 15,960.00
	2212-0475095	CLEANING AND PREPARATION OF BASE	MILE	3.40	250	\$ 850.00
	2214-5145150	PAVEMENT SCARIFICATION	SY	356.00	7	\$ 2,492.00
	2303-1032500	HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	TON	3316.44	45	\$ 149,239.80
	2303-1033500	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRIC	TON	3316.44	45	\$ 149,239.80
	2303-1258283	ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC	TON	398.00	550	\$ 218,900.00
	2315-8275025	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	1050.00	25	\$ 26,250.00
	2526-8285000	CONSTRUCTION SURVEY	LS	1.00	5500	\$ 5,500.00
	2527-9263109	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	486.12	50	\$ 24,306.00
	2528-8445110	TRAFFIC CONTROL	LS	1.00	5000	\$ 5,000.00
	2528-8445113	FLAGGERS	EACH	30.00	560	\$ 16,800.00
	2528-8445115	PILOT CARS	EACH	6.00	560	\$ 3,360.00
	2533-4980005	MOBILIZATION	LS	1.00	50000	\$ 50,000.00
Project Total					\$	667,897.60

Project Number L-HMA2025--73-66

Division	Item Number	Description	Units	Quantity	Engineer's Estimate	Extended Amount
Division 1	2121-7425020	GRANULAR SHOULDERS, TYPE B	TON	1011.42	\$ 25.00	\$ 25,285.50
	2212-0475095	CLEANING AND PREPARATION OF BASE	MILE	4.20	\$ 500.00	\$ 2,100.00
	2214-5145160	PAVEMENT SCARIFICATION	TON	1546.70	\$ 5.00	\$ 7,733.50
	2303-1032500	HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	TON	4953.82	\$ 50.00	\$ 247,691.00
	2303-1033500	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRIC	TON	5028.82	\$ 50.00	\$ 251,441.00
	2303-1258283	ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC	TON	598.96	\$ 600.00	\$ 359,376.00
	2315-8275025	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	585.00	\$ 25.00	\$ 14,625.00
	2526-8285000	CONSTRUCTION SURVEY	LS	1.00	\$ 10,000.00	\$ 10,000.00
	2527-9263109	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	519.24	\$ 20.00	\$ 10,384.80
	2527-9263137	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EACH	5.00	\$ 150.00	\$ 750.00
	2528-8445110	TRAFFIC CONTROL	LS	1.00	\$ 10,000.00	\$ 10,000.00
	2528-8445113	FLAGGERS	EACH	20.00	\$ 560.00	\$ 11,200.00
	2528-8445115	PILOT CARS	EACH	12.00	\$ 900.00	\$ 10,800.00
	2533-4980005	MOBILIZATION	LS	1.00	\$ 50,000.00	\$ 50,000.00
	2595--0005120	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR CHICAGO, CENTRAL AND PACIFIC RAIL	LS	1.00	\$ 5,000.00	\$ 5,000.00
					<b>Project Total</b>	<b>\$ 1,016,386.80</b>

# BIDDING PROPOSAL FOR MITCHELL COUNTY

Project Number: L-HMA2025--73-66

Type of Work: HMA Paving

System: Local

Miles: 4.220

**Location and Description : 340th St./ March Ave./ 319th St.: On 340th St. from T38 to A57, on March Ave. from 319th St. to 340th St., and on 319th St. from March Ave. to T42**

3" HMA Overlay with widening

Proposal of:

Name of Bidder

Street Address

City

State

Zip Code

Federal Tax I.D. Number

Phone

Fax

Email

The bidder hereby certifies that no other principal is involved in or has an interest in this proposal; that the bidder has thoroughly examined the plans and specifications and this contract form and is aware of the provisions contained herein; that the bidder has examined the site of the work and understands that the quantities of work required by the plans and specifications are approximate only and are subject to increases and decreases; that the bidder understands that all quantities of work actually required must be performed and that payment therefore shall be at the unit prices stipulated herein; that the bidder proposes to timely furnish the specified material in the quantities required and to furnish the machinery, equipment, labor and expertise necessary to competently complete this project by the time specified; that no state or county official or employee has a direct or indirect interest in the contract which would cause violation of Iowa Code Section 314.2; that the bidder has made no agreement with any supplier of motor fuel or special fuel which will result in a violation of Iowa Code Section 452A.17(8).

If this bid is accepted, Bidder agrees: to perform all "extra work" required to complete the project at unit prices or lump sums to be agreed upon in writing prior to commencement of such "extra work" or if prior agreement cannot be reached, to perform the work on a "force-account basis" as provided in the specifications; to execute the formal contract within thirty days of the date of approval for award or to forfeit the proposal guaranty furnished herewith; to begin work in accordance with the contract documents and to either complete the work within the contract period or pay liquidated damages, which shall accrue at the daily rate specified below, for each additional working day the work remains uncompleted; and to furnish a performance bond in an amount equal to the contract award as security for the full and complete performance of the contract in accordance with the plans and specifications.

Work Days	Date Type	Date	Liquidated Damages Per Day
N/A	Completion Date	10/31/2025	\$1,000.00

**Proposal Guaranty: \$50,000.00**

Enclosed herewith is a certified check, credit union share draft, Cashier's Check, bank draft on a solvent bank or a bid bond in the penal sum shown in the contract document as a proposal guaranty. It is understood by bidder that the said guaranty document shall be retained by the Contracting Authority as a forfeiture in the event the formal contract is not executed or performance bond is not furnished if the award is made to the undersigned.

The signing of this Bid Document shall serve as an unsworn declaration that, I (the owner, partner, President, other corporate officer, or an authorized representative) hereby certify under penalty of perjury under the laws of the United States and the State of Iowa that I have read, understand, and accept the Bidding Certifications and other provisions contained in this Proposal Notice.

Signature

Date

Signature

Date

Date of Letting: Monday, July 28, 2025, 12:00 PM, County Boardroom, Osage, Iowa

# SCHEDULE OF PRICES -- PROPOSAL

## Mitchell County, Iowa -- Project L-HMA2025--73-66

Type of work : HMA Paving

UNIT PRICES AND EXTENDED AMOUNTS MUST BE TYPED OR SHOWN IN INK OR THE BID WILL BE REJECTED.

Bidder shall show unit price and extension for each item and total for each division.

Item Number	Description	Units	Quantity	Unit Price	Total
Division 1					
1. 2121 - 7425020	GRANULAR SHOULDERS, TYPE B	TON	1011.420		
2. 2212 - 0475095	CLEANING AND PREPARATION OF BASE	MILE	4.2		
3. 2214 - 5145160	PAVEMENT SCARIFICATION	TON	1546.7		
4. 2303 - 1032500	HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	TON	4953.820		
5. 2303 - 1033500	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	TON	5028.820		
6. 2303 - 1258283	ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC	TON	598.96		
7. 2315 - 8275025	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	585.0		
8. 2526 - 8285000	CONSTRUCTION SURVEY	LS	1.00		
9. 2527 - 9263109	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	519.24		
10. 2527 - 9263137	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EACH	5		
11. 2528 - 8445110	TRAFFIC CONTROL	LS	1.00		
12. 2528 - 8445113	FLAGGERS	EACH	20.000		
13. 2528 - 8445115	PILOT CARS	EACH	12		
14. 2533 - 4980005	MOBILIZATION	LS	1.00		
15. 2595 - -0005120	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR CHICAGO, CENTRAL AND PACIFIC RAILROAD / CEDAR RIVER RAILROAD COMPANY	LS	1.00		
<b>Total Bid</b>					

This project shall be tied with L-RVRRD--73-66

The County, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

STANDARD SPECIFICATIONS OF THE IDOT, SERIES 2023, AND CURRENT SUPPLEMENTAL SPECIFICATIONS SHALL APPLY.



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HMA Resurfacing

July 28, 2025

LETTING DATE

MITCHELL COUNTY

PROJECT NUMBER : L-HMA2025--73-66

**TRAFFIC CONTROL PLAN**

This road will BE OPEN TO THRU TRAFFIC during construction. Local traffic to adjacent properties will be maintained as provided for in Article 1107.08 of the current Standard Specifications. Traffic control devices, procedures, layouts, signing, and pavement markings installed within the limits of this project shall conform to the "Manual on Uniform Traffic Control Devices for Streets and Highways" as adopted by the Department per 761 of the Iowa Administrative Code (IAC) chapter 130.

**UTILITIES**

Utility Companies whose facilities are shown on the plans or shown to be within the construction limits shall be notified by contractor of the construction before the construction starting date and subsequent work in the area. ALL UTILITIES MAY NOT BE LISTED.  
Contractor responsible to notify Utilites not listed.  
"IOWA ONE CALL" : (800) 292-8989    www.iowaonecall.com  
Heartland Power: (641) 584-2251  
Alliant Energy: (800) 255-4268

MITCHELL COUNTY

SECONDARY ROADS

PLANS OF PROPOSED IMPROVEMENTS ON THE

SECONDARY ROAD SYSTEM

MITCHELL COUNTY

HMA Resurfacing

L-HMA2025--73-66

ON 340TH ST. FROM T38 TO A57, FROM 319TH ST.

TO 340TH ST, AND ON 319TH ST FROM MARCH AVE.

TO T42

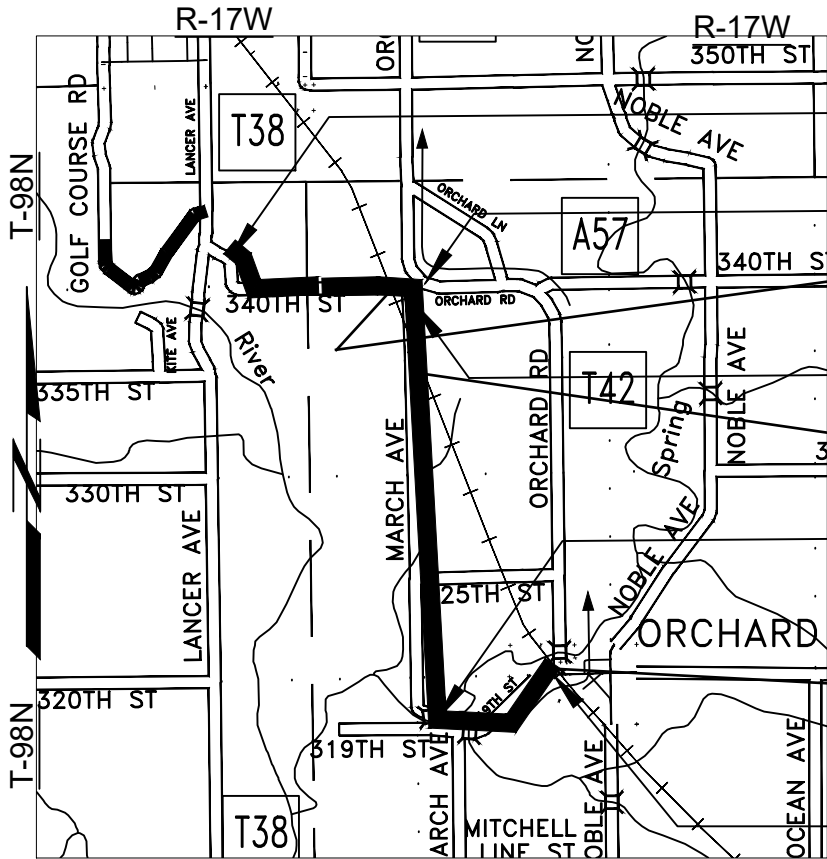
L-HMA2025--73-66

Total Sheets - 7

INDEX OF SHEETS	
No.	DESCRIPTION
A.1	TITLE SHEET
B.1	TYPICAL SECTIONS AND DETAILS
B.2	TYPICAL SECTIONS AND DETAILS
C.1	GENERAL NOTES & QUANTITIES
C.2	TABULATIONS
C.3	TABULATIONS
C.4	TABULATIONS

MILEAGE SUMMARY			
Proj.	LOCATION	Lin. Ft.	Miles
DIV 1	STA 0+80 TO 66+20	6540	1.24
DIV 2	STA 0+12 TO 117+83	11771	2.23
DIV 3	STA 0+00 TO 39+71	3971	0.75
NET LENGTH OF PROJECT		18093	4.22

REFER TO THE SHEET C.1 FOR TABULATION OF STANDARD ROAD PLANS.



STA 0+80  
BEGIN DIV. 1

STA 66+20  
END DIV. 1  
FRA# 308941B

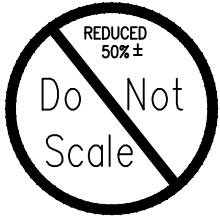
STA 117+83  
END DIV. 2  
FRA# 308940U

STA 0+12/ STA 0+00  
BEGIN DIV. 2/ BEGIN DIV. 3  
FRA# 308937L

STA 39+71  
END DIV. 3

REFER TO THE PROPOSAL FORM FOR LIST OF APPLICABLE SPECIFICATIONS.

DESIGN DATA RURAL		
2021	110 - 260	V.P.D.
2027		V.P.D.
20	----	V.P.D.
TRUCKS		%
Total		
Design ESALs		



I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Iowa.

*Richard C. Brumm* Date **6-27-25**

RICHARD C. BRUMM

My license renewal date is December 31, 2026

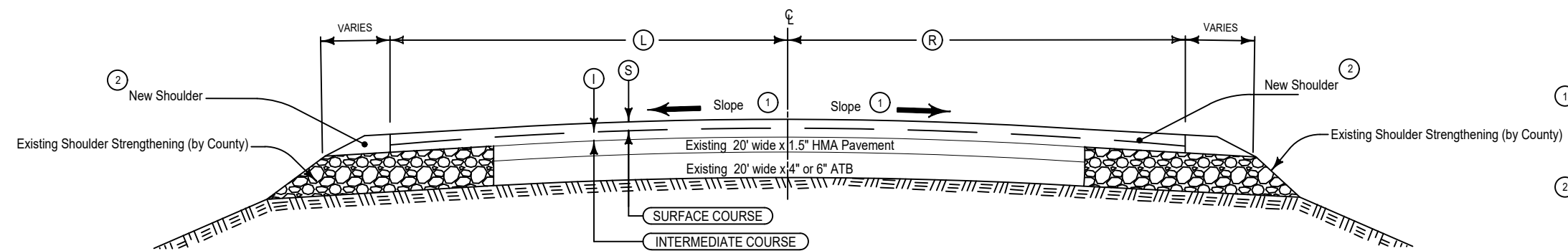
Pages or sheets covered by this seal:  
All Sheets

MITCHELL COUNTY

PROJECT NUMBER : L-HMA2025--73-66

STATE	FHWA REGION	FISCAL YEAR
IOWA	7	2025

A.1

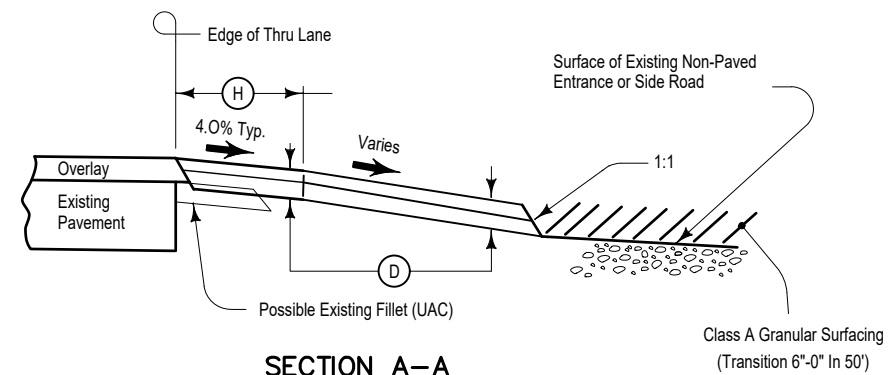
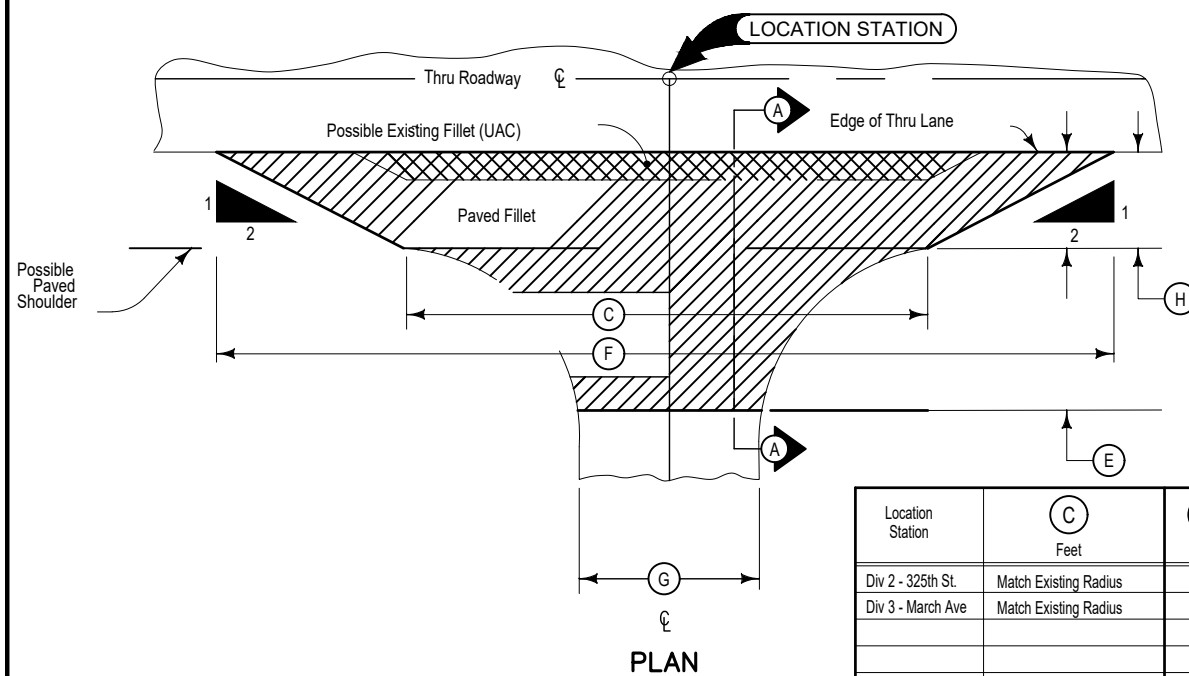


Design Quantities Per Station								
LOCATION			(S)	(I)	(M)	(L)	(R)	Remarks
ROAD IDENTIFICATION	STATION TO STATION		Inches	Inches	Inches	Feet	Feet	
Div 1	0+80	35+80	1.5	1.5		12	12	
Div 2	0+12	117+83	1.5	1.5		12	12	
River Road	0+00	39+71	1.5	1.5		12	12	

Notes:

- 1) Match finished slope to existing pavement, except that the maximum allowable slope is 3.0%, minimum allowable slope is 2.0%. Section may be modified as directed by the Engineer through areas of special shaping.
- Refer to tabulation listing of superelevated curves and Standard Road Plans for additional requirements through superelevated curves.
- 2) Type B Shoulder

### TYPICAL CROSS SECTION HMA RESURFACING



SECTION A-A

Mix Design shall be similar for Base-Intermediate-Surface

[illegible]

Lengths and Depths in this typical shall supercede PV-202.

Crown of fillets shall match edge of proposed HMA surface.

Special shaping of existing surface prior to placement of fillet may be required by the Engineer and is incidental to other work on the project.

Quantities included in Estimated Roadway Quantities and are for estimation only. Contractor is responsible to determine actual quantities delivered and used.

Pavement Scarification shall be a minimum of 4' long, width as shown in column "G", and 2" deep.  
Pavement Scarification shall be incidental to this HMA bid item.

Base - 3 inches

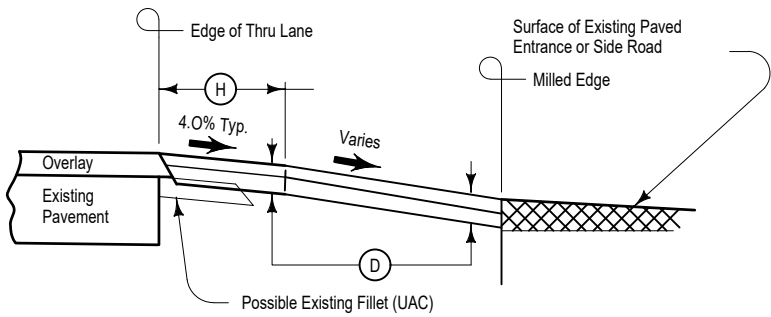
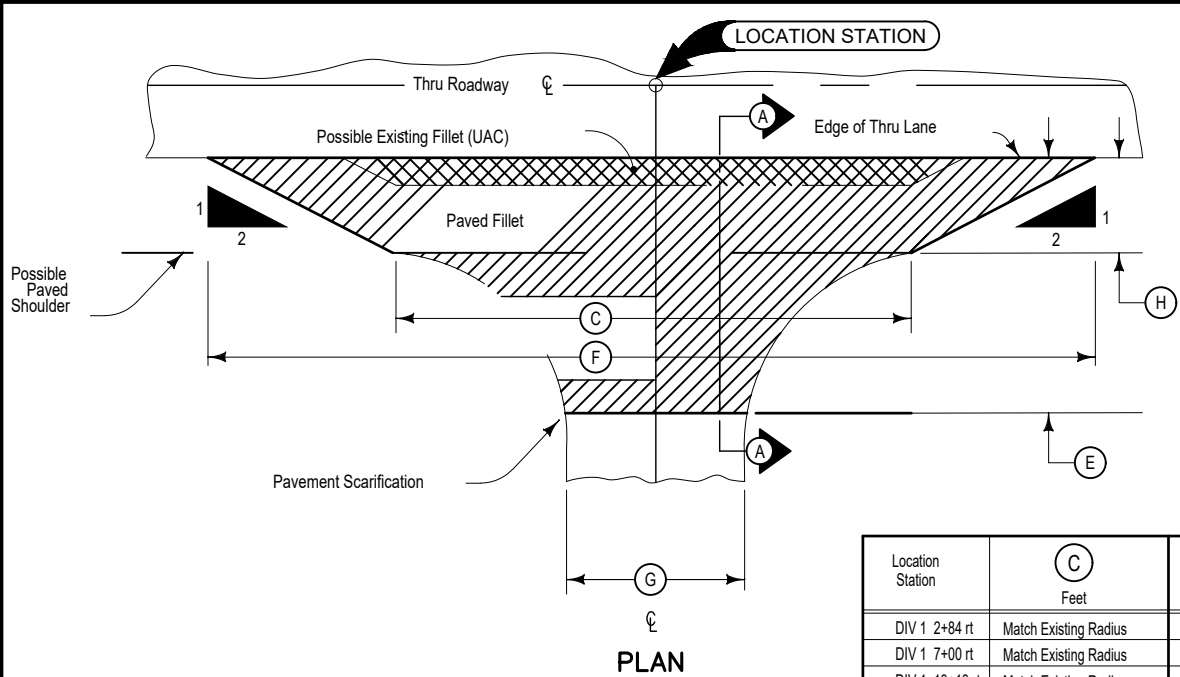
Surface - 3 inches

(Approved to be paved in 2-3" lifts)

(D) Side Road Fillet Section

## HMA FILLET FOR NON-PAVED SIDE ROADS

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SECTION A-A

Mix Design shall be similar for Base-Intermediate-Surface

Location Station	(C) Feet	(E) Feet	(F) Feet	(G) Feet	(H) Feet	(D) Inches	Base Tons	Intermediate Tons	Surface Tons	Total Tons
DIV 1 2+84 rt	Match Existing Radius	10	35	25	0	3			5.6	5.6
DIV 1 7+00 rt	Match Existing Radius	10	28	25	0	3			4.9	4.9
DIV 1 13+13 rt	Match Existing Radius	10	30	25	0	3			5.1	5.1
DIV 1 25+86 rt	Match Existing Radius	10	30	25	0	3			5.1	5.1
DIV 1 34+78 rt	Match Existing Radius	10	85	70	0	3			14.4	14.4
DIV 2 13+76 rt	Match Existing Radius	10	35	25	0	3			5.6	5.6
DIV 2 14+63 rt	Match Existing Radius	10	20	15	0	3			3.3	3.3
DIV 2 15+76 lt	Match Existing Radius	10	50	45	0	3			8.8	8.8
DIV 2 20+35rt	Match Existing Radius	10	30	25	0	3			5.1	5.1
DIV 2 36+52 rt	Match Existing Radius	10	30	25	0	3			5.1	5.1
DIV 3 14+15 lt	Match Existing Radius	10	35	25	0	3			5.6	5.6
DIV 3 15+68 lt	Match Existing Radius	10	35	25	0	3			5.6	5.6
										74.2

Mitch 09  
10-4-2022

Lengths and Depths in this typical shall supercede PV-202.

Crown of fillets shall match edge of proposed HMA surface.

Special shaping of existing surface prior to placement of fillet may be required by the Engineer and is incidental to other work on the project.

Quantities included in Estimated Roadway Quantities and are for estimation only. Contractor is responsible to determine actual quantities delivered and used.

Pavement Scarification shall be a minimum of 4' long, width as shown in column "G", and 2" deep. Pavement Scarification shall be incidental to this HMA bid item.

Base - 0 inches

Surface - 3 inches

(Approved to be paved in 2-3" lifts)

(D) Fillet shall be a 3" Wedge Section

HMA FILLET FOR PAVED ENTRANCES OR SIDE ROADS

HMA WEDGE SECTIONS

PROJECT DESCRIPTION	100_01D 8/15/22
PROJECT INVOLVES A 24' WIDE HMA OVERLAY ON EXISTING 20' WIDE HMA SURFACE.	

ESTIMATED PROJECT QUANTITIES (UP TO A 5 DIVISION PROJECT)										100_01C 4/30/25
Item No.	Item Code	Item	Unit	Division 1	Division 2	Division 3	Total	As Built Division 1	As Built Division 2	As Built Division 3
1	2121-7425020	GRANULAR SHOULDERS, TYPE B	TON	309.10	563.34	138.98	1011.42			
2	2212-0475095	CLEANING AND PREPARATION OF BASE	MILE	1.24	2.23	0.75	4.22			
3	2214-5145160	PAVEMENT SCARIFICATION	SY	913.20	466.80	166.70	1546.70			
4	2303-1032500	HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	TON	1451.99	2609.71	892.12	4953.82			
5	2303-1033500	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	TON	1487.10	2638.00	903.72	5028.82			
6	2303-1258283	ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC	TON	176.35	314.86	107.75	598.96			
7	2315-8275025	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	195.00	225.00	165.00	585.00			
8	2526-8285000	CONSTRUCTION SURVEY	LS	0.33	0.33	0.34	1.00			
9	2527-9263209	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	166.31	256.53	96.40	519.24			
10	2527-9263137	PAINTED SYMBOL+LEGEND, WATERBORNE/SOLVNT	EACH	2.00	2.00	1.00	5.00			
10	2528-8445110	TRAFFIC CONTROL	LS	0.33	0.33	0.34	1.00			
11	2528-8445113	FLAGGERS	EACH	6.00	8.00	6.00	20.00			
12	2528-8445115	PILOT CARS	EACH	4.00	4.00	4.00	12.00			
13	2533-4980005	MOBILIZATION	LS	0.33	0.33	0.34	1.00			
14	2595-0005120	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR CHICAGO, CENTRAL AND PACIFIC RAILROAD / CEDAR RIVER RAILROAD COMPANY	LS	0.33	0.33	0.34	1.00			

ESTIMATE REFERENCE INFORMATION			100_04A 6/2/23
Item No.	Item Code	Description	
1	2121-7425020	Refer to Typical 7110 and Tabulation 112-9.	
2	2212-0475095	This bid item includes 4.22 miles of two lane roadway.	
3	2214-5145150	SEE TABULATION 102-16 ON SHEET C.2 FOR LOCATIONS AND QUANTITIES FOR MILLING THE EXISTING HMA SURFACE.	
		SCARIFIED MATERIAL BECOMES THE PROPERTY OF THE CONTRACTOR, BUT MAY BE USED AS GRANULAR SHOULDER MATERIAL	
		IN LIEU OF HAULING OFF SITE. CONTRACTOR TO DISPOSE OF ANY MATERIAL NOT SUITABLE FOR USE AS SHOULDER MATERIAL. MATERIAL	
		SHALL BE VISUALLY INSPECTED FOR GRADATION ACCEPTANCE. ANY MATERIAL OVER 1 INCH IN DIAMETER WILL NOT BE ALLOWED. ANY	
		RECYCLED MATERIAL SHALL BE PLACED IN THE BOTTOM HALF OF THE GRANULAR SHOULDER.	
4	2303-1032500	SEE TYPICAL SECTION Mitch 02 ON SHEET B.01. MIX SHALL HAVE A MINIMUM 75% CRUSHED TYPE A AGGREGATE. MIX SHALL BE APPROVED	
		BY THE ENGINEER PRIOR TO THE START OF THE PROJECT. CLASS 1 COMPACTION SHALL APPLY. DESIGN WEIGHT IS 147 LBS PER CU. FT.	
		WITH 6% BINDER CONTENT. INCLUDES MIX FOR ALL ENTRANCES AND INTERSECTIONS. TACK IS INCIDENTAL TO PRICE BID FOR THIS ITEM.	
		CONTRACTOR SHALL PERFORM ALL CERTIFIED PLANT INSPECTION WHICH SHALL BE INCIDENTAL TO THIS BID ITEM.	
5	2303-1033500	(SEE NOTE FOR ITEM 4)	
6	2303-1258283	QUANTITY ESTIMATED AT 6%	
7	2315-8275025	ALL EXISTING DRIVEWAYS WILL BE RESURFACED WITH CLASS A CRUSHED STONE. ESTIMATED 39 DRIVES AT 15 TONS PER DRIVE. ACTUAL	
		QUANTITY MAY VARY BASED ON FINAL RESURFACING CONDITIONS.	
8	2526-8285000	PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL LOCATE AND OFFSET ALL SECTION CORNERS, QUARTER CORNERS, ANY 1/4 QUARTER	
		CORNERS, PI'S AND POT'S. ALL MONUMENT PRESERVATION FOR ANY PLATS OF PROPERTY SHALL ALSO BE PERFORMED. CONTRACTOR TO	
		RE-ESTABLISH ALL CORNERS, PI'S, POT'S AND MONUMENTS UPON COMPLETION OF THE PROJECT.	
9	2527-9263209	Refer to Tab. 108-22 on Sheet C.4. THREE (3) GUN PAINT SYSTEM REQUIRED.	
10	2527-9263137		
11	2528-8445110		
12	2528-8445113		
13	2528-8445115		
14	2533-4980005		
15	2595-0005120	SEE DS-23047 FOR MORE INFORMATION	

INDEX OF TABULATIONS			111_25 4/30/25
Tabulation	Tabulation Title	Sheet No.	
100_01C	ESTIMATED PROJECT QUANTITIES	C.1	
100_01D	PROJECT DESCRIPTION	C.1	
100_04A	ESTIMATE REFERENCE INFORMATION	C.1	
100_25	HMA PAVEMENT	C.3	
102_05	EXISTING PAVEMENT	C.2	
102_16	NOTCHES AND RUNOUTS FOR RESURFACING	C.2	
105_04	STANDARD ROAD PLANS	C.2	
108_22	PAVEMENT MARKING LINE TYPES	C.4	
111_25	INDEX OF TABULATIONS	C.1	
112_09	SHOULDERS	C.2	

105\_04  
4/15/25

STANDARDS		
The following Standards apply to construction work on this project.		
Number	Date	Title
PM-110	10-15-24	Line Types
PM-111	04-21-20	Symbols and Legends
PM-120	10-15-24	Stop Lines and Islands
PR-202	10-21-14	Notches for Resurfacing (with or without Runout)
PV-202	04-21-20	Hot Mix Asphalt Resurfacing
TC-1	10-15-19	Work Not Affecting Traffic (Two-Lane or Multi-Lane)
TC-202	04-18-23	Work Within 15 ft of Traveled Way
TC-211	10-15-19	Lane Closure on Low Volume Roadway
TC-212	04-18-23	Spot Location Lane Closure with Flaggers
TC-213	04-18-23	Lane Closure with Flaggers
TC-214	04-18-23	Lane Closure with Flaggers for use with Pilot Car
TC-231	04-18-23	Slow Moving Vehicle Operating in the Traffic Lane
TC-233	10-17-17	Pavement Marking Operations Two-Lane
TC-284	10-15-19	No Centerline Markings on Non-Primary Roadways

102_16 11/1/24								
NOTCHES AND RUNOUTS FOR RESURFACING								
Refer to PR-201 and PR-202.								
(1) Bid item. Applies only to Types 'N1' and 'N3' on PR-202. Refer to 100-25 for remaining valu								
Station	Type of Notch or Runout	S (IN)	I (IN)	DI (IN)	L (FT)	M (IN)	Pavement Scarification (SY) (1)	Remarks
+80.00	Type N3	1.5	1.5		75.0		166.0	Division 1
60+32.00	Type N3	1.5	1.5		75.0		166.7	Division 1 RR
60+40.00	Type N3	1.5	1.5		75.0		166.7	Division 1 RR
66+20.00	Type N3	1.5	1.5		75.0		413.0	Division 1-Orchard Road
3+44.00	Type N3	1.5	1.5		30.0		66.7	Division 2 bridge
3+88.00	Type N3	1.5	1.5		30.0		66.7	Division 2 bridge
103+54.00	Type N3	1.5	1.5		75.0		166.7	Division 2 RR
103+62.00	Type N3	1.5	1.5		75.0		166.7	Division 2 RR
39+91.00	Type N3	1.5	1.5		75.0		166.7	Division 3

102_05 9/29/23																				
EXISTING PAVEMENT																				
County	Route	Direction of Travel	Begin Ref. Location Sign	End Ref. Location Sign	Year	Type	Project Number	Surface Type	Surface Depth (IN)	Base Type	Base Depth (IN)	Subbase Type	Subbase Depth (IN)	Removal Type	Removal Depth (IN)	Coarse Aggregate Source	Coarse Aggregate Type	Course Aggregate Durability Class	Reinforcement Type	Remarks
Mitchell	Division 1	EB		6620	2003	TYPE B		HMA	2.5	ATB	6.0									
Mitchell	Division 2	NB		2164	2003	TYPE B		HMA	2.5	ATB	4.0									
Mitchell	Division 2	NB	2164	11760	2003	TYPE B		HMA	2.5	ATB	6.0									
Mitchell	Division 3	EB		3983	2003	TYPE B		HMA	2.5	ATB	4.0									

112.09  
10/15/2024

SHOULDERS

(1) Lane(s) to which the shoulder is adja  
(2) See Typ. 7156, 7157, or 71  
(3) Bid It  
(4) Applies only for Paved Shoulders constructed on project with existing granular shoulde  
(5) Bid Item. Typ. 7156, 7157, or 71  
(6) Does not include shri  
(7) Paved shoulder thickness specified in Remar  
(8) Subbase type specified in Remar

Roadway Identification	Direction of Travel (1)	Station From	Station To	Side	P Width (FT)	P SG Width (2) (FT)	G Width (FT)	L Length (FT)	Class 13 Excavation (CY)(3)(4)	HMA (TON)	HMA (TON/ STA)	Binder (TONS)	Paved Shoulder (3) (	Shoulder at Grd rail (5)(7)	Reinforced Paved Shoulder(3) (SY)	Special Backfill HMA Alt. (3) (T	Special Backfill HMA Alt. (TON/STA)	Special Backfill PCC Alt. (3) (T	Special Backfill PCC Alt. (TON/STA)	Polymer Grid (SY)	Subbase (3) (CY)	Granular Shoulder (3) (T	Granular Shoulder (TON/STA)	Shoulder Const. Alt (3) (STA)	Shoulder Const. Alt HMA (6) (CY)	Shoulder Const. Alt PCC (6) (CY)	Remarks
Division 1	EB	+80.00	65+40.00	Left			1	6460.00														154.555	2.393	64.60			
Division 1	EB	+80.00	65+40.00	Right			1	6460.00														154.555	2.393	64.60			
Division 2	NB	+10.00	117+83.00	Left			1	11773.00														281.669	2.393	117.73			
Division 2	NB	+10.00	117+83.00	Right			1	11773.00														206.028	1.750	117.73			
Division 3	EB		39+71.00	Left			1	3971.00														69.493	1.750	39.71			
Division 3	EB		39+71.00	Right			1	3971.00														69.493	1.750	39.71			

100\_25  
4/15/25

HMA PAVEMENT

Typical Intersection

Ramp or Loop Taper

Channelized Intersection Widen Existing Roadway

Channelized Intersection Reconstructed Roadway

(1) Does not include raised island area or curb. Refer to tabulation 112-4 for quantit

(2) Refer to PV-410, PV-411, PV-412, and PV-

(3) Quantity includes Pavement Hea

Road Identification	Direction of Travel	Station From	Station To	Width (FT)	Length (FT)	Area (SY)	Area A(1) (SY)(3)	Area B (SY)(3)	HMA Pavement Surface (TONS)	HMA Pavement Surface (SY)	HMA Pavement Intermediate (TONS)	HMA Pavement Intermediate (SY)	HMA Pavement Base (TONS)	HMA Pavement Base (SY)	Binder Surface (TONS)	Binder Intermediate (TONS)	Binder Base (TONS)	Special Backfill (TONS)	Modified Subbase (CY)	Granular Subbase (SY)	Pavement Scarification (SY)	Asphalt Rejuvenating Agent 0.175 GAL/SY/IN	Remarks
Division 1	East	+ .80	65+40.00	24.0	6539.20	17440.00		120.00	1451.993	17560.00	1451.993	17560.00		17560.00	87.120	87.120					250.00		
Division 1									35.100						2.106								Sheet
Division 2	North	+10.00	117+60.00	24.0	11750.00	31333.00		60.00	2595.809	31393.00	2595.809	31393.00		31393.00	155.749	155.749					225.00		B.2
Division 2											13.900					0.834							Sheet
Division 2									14.300						0.858								Sheet
Division 2									27.900						1.674								Sheet
Division 3	East		39+83.00	24.0	3983.00	10621.00			878.224	10621.00	878.224	10621.00		10621.00	52.693	52.693					55.00		B.2
Division 3											13.900					0.834							Sheet
Division 3									14.300						0.858								Sheet
Division 3									11.200						0.672								Sheet
B.2																							

1008\_29  
4/15/25

PAVEMENT MARKING SYMBOLS AND LEGENDS

Refer to PM-111

Roadway Identification	Station	Side	Pavement Symbol	Quantity (EA)	Groove Marking Needed?	Remarks
Division 1	49+42.00	Right	RRCW	1	No	
Division 1	56+55.00	Left	RRCW	1	No	
Division 2	96+07.00	Right	RRCW	1	No	
Division 2	111+20.00	Left	RRCW	1	No	
Division 3	36+29.00	Right	RRCW	1	No	

FILE NO.

ENGLISH

DESIGN TEAM

R BRUMM/ B SPITZ

MITCHELL COUNTY

PROJECT NUMBER

L-HMA2025--73-66

SHEET NUMBER

C.3

6/26/2025 1:06:49 PM

RICHARD1.BRUMM@IOWAID

PAVEMENT MARKING LINE TYPES

Line factors based on 6-inch wide continuous line.  
\*BCY4 - Place on the same side of the roadway to match existing markings near the project.  
\*\*NPY4 - Estimating purposes only. No Passing Zone Lines will be located in the field.  
\*\*\*MNY6 - Factor of 1.00 includes number of 6-inch passes to cover median nose area.  
BCY4: Broken Centerline (Yellow) @ 0.17      BCY6: Broken Line Contrast (White/Black) @ 0.50      BLW4: Broken Lane Line (White) @ 0.17  
CBW6: Crosswalk Bar (White) @ 10.00      CHW      CHY8: Channelizing Line (Yellow) @ 1.33  
CLW6: Crosswalk Line (White) @ 2.00      DCY4      DDY4: Double Dotted Line (Yellow) @ 0.44  
DLW4: Dotted Line (White) @ 0.22      D      ed Line (Yellow) @ 0.33      ELW4  
ELW6: Edge Line Right (White) @ 1.00      e Left (Yellow) @ 1.00      Lane Drop (White) @ 0.33  
MNY6: Median Nose (Yellow) @ 1.00      NPY4: No Passing Zone Line (Yellow) @ 0.84      NPY6: No Passing Zone Line (Yellow) @ 1.25      RLW4: Ramp Edge Line Right (White) @ 0.67      RLW6: Ramp Edge Line Right (White) @ 1.00  
RLY4: Ramp Edge Line Left (Yellow) @ 0.67      RLY6: Ramp Edge Line Left (Yellow) @ 1.00      SLW2: Stop Line (White) @ 4.00      SLW4: Solid Lane Line (White) @ 0.67  
SPW4: Sloped Curb 4" (White) @ 2.16      SPW6: Sloped Curb 6" (White) @ 2.28      SPY4: Sloped Curb 4" (Yellow) @ 2.16  
STY6: Standard Curb 6" (Yellow) @ 2.03      YLW2: Yield Line (White) @ 1.15

Road ID	Station From	Station To	Lane	Marking Type	Left	Center	Right	BCY4* (STA)	BCY4* Factored (STA)	BLW4 Factored (STA)	DCY4 (STA)	DCY4 Factored (STA)	ELW4 (STA)	ELW4 Factored (STA)	ELY4 Factored (STA)	NPY4** (STA)	NPY4** Factored (STA)	SLW2 (STA)	SLW2 Factored (STA)	Remarks
Division 1	+80.00	65+62.00	2-Lane	Waterborne/Solvent Paint			X						64.82	43.43						
Division 1	+80.00	65+62.00	2-Lane	Waterborne/Solvent Paint	X								64.82	43.43						
Division 1	+80.00	16+72.00	2-Lane	Waterborne/Solvent Paint		X					16.71	22.39								
Division 1	16+72.00	24+42.00	2-Lane	Waterborne/Solvent Paint		X										7.70	6.47			
Division 1	24+42.00	25+10.00	2-Lane	Waterborne/Solvent Paint		X					0.68	0.91								
Division 1	25+10.00	33+47.00	2-Lane	Waterborne/Solvent Paint												8.37	7.03			
Division 1	25+10.00	34+62.00	2-Lane	Waterborne/Solvent Paint		X					9.52	12.76								
Division 1	34+62.00	44+47.00	2-Lane	Waterborne/Solvent Paint												9.85	8.27			
Division 1	44+47.00	49+30.00	2-Lane	Waterborne/Solvent Paint		X		4.83	0.82											
Division 1	49+30.00	56+72.00	2-Lane	Waterborne/Solvent Paint		X										7.42	6.23			
Division 1	56+37.00	56+37.00	2-Lane	Waterborne/Solvent Paint			X											0.22	0.88	
Division 1	56+70.00	56+70.00	2-Lane	Waterborne/Solvent Paint			X											0.22	0.88	
Division 1	56+72.00	65+62.00	2-Lane	Waterborne/Solvent Paint		X					8.90	11.93								
Division 1	65+62.00	65+62.00	2-Lane	Waterborne/Solvent Paint			X											0.22	0.88	
Division 2	+12.00	18+27.00	2-Lane	Waterborne/Solvent Paint		X					18.15	24.32								
Division 2	18+27.00	27+89.00	2-Lane	Waterborne/Solvent Paint		X										9.62	8.08			
Division 2	27+89.00	30+71.00	2-Lane	Waterborne/Solvent Paint		X		2.82	0.48											
Division 2	30+71.00	40+13.00	2-Lane	Waterborne/Solvent Paint		X										9.42	7.91			
Division 2	40+13.00	42+66.00	2-Lane	Waterborne/Solvent Paint		X					2.53	3.39								
Division 2	42+66.00	49+56.00	2-Lane	Waterborne/Solvent Paint		X										6.90	5.80			
Division 2	49+56.00	62+90.00	2-Lane	Waterborne/Solvent Paint		X		13.34	2.27											
Division 2	62+90.00	72+47.00	2-Lane	Waterborne/Solvent Paint		X										9.57	8.04			
Division 2	72+47.00	77+21.00	2-Lane	Waterborne/Solvent Paint		X					4.74	6.35								
Division 2	77+21.00	86+22.00	2-Lane	Waterborne/Solvent Paint		X										9.01	7.57			
Division 2	86+22.00	95+76.00	2-Lane	Waterborne/Solvent Paint		X		9.54	1.62											
Division 2	95+76.00	103+26.00	2-Lane	Waterborne/Solvent Paint		X										7.50	6.30			
Division 2	102+61.00	102+61.00	2-Lane	Waterborne/Solvent Paint			X											0.22	0.88	
Division 2	103+26.00	104+51.00	2-Lane	Waterborne/Solvent Paint		X					1.25	1.68								
Division 2	104+51.00	111+07.00	2-Lane	Waterborne/Solvent Paint		X										6.56	5.51			
Division 2	111+07.00	117+33.00	2-Lane	Waterborne/Solvent Paint		X					6.26	8.39								
Division 2	117+35.00	117+35.00	2-Lane	Waterborne/Solvent Paint	X													0.22	0.88	
Division 2	+12.00	117+33.00	2-Lane	Waterborne/Solvent Paint	X								117.21	78.53						
Division 2	+12.00	117+33.00	2-Lane	Waterborne/Solvent Paint			X						117.21	78.53						
Division 3		13+30.00	2-Lane	Waterborne/Solvent Paint		X					13.30	17.82								
Division 3	13+30.00	21+58.00	2-Lane	Waterborne/Solvent Paint		X										8.28	6.96			
Division 3	21+58.00	24+90.00	2-Lane	Waterborne/Solvent Paint		X		3.32	0.56											
Division 3	24+90.00	31+95.00	2-Lane	Waterborne/Solvent Paint		X										7.05	5.92			
Division 3	31+95.00	39+95.00	2-Lane	Waterborne/Solvent Paint		X					8.00	10.72								
Division 3		39+95.00	2-Lane	Waterborne/Solvent Paint	X								39.95	26.77						
Division 3		39+95.00	2-Lane	Waterborne/Solvent Paint			X						39.95	26.77						
Division 3	39+95.00	39+95.00	2-Lane	Waterborne/Solvent Paint			X											0.22	0.88	

HMA Resurfacing

July 28, 2025

LETTING DATE

MITCHELL COUNTY

PROJECT NUMBER : L-RVRRD--73-66

**TRAFFIC CONTROL PLAN**

This road will BE OPEN TO THRU TRAFFIC during construction. Local traffic to adjacent properties will be maintained as provided for in Article 1107.08 of the current Standard Specifications. Traffic control devices, procedures, layouts, signing, and pavement markings installed within the limits of this project shall conform to the "Manual on Uniform Traffic Control Devices for Streets and Highways" as adopted by the Department per 761 of the Iowa Administrative Code (IAC) chapter 130.

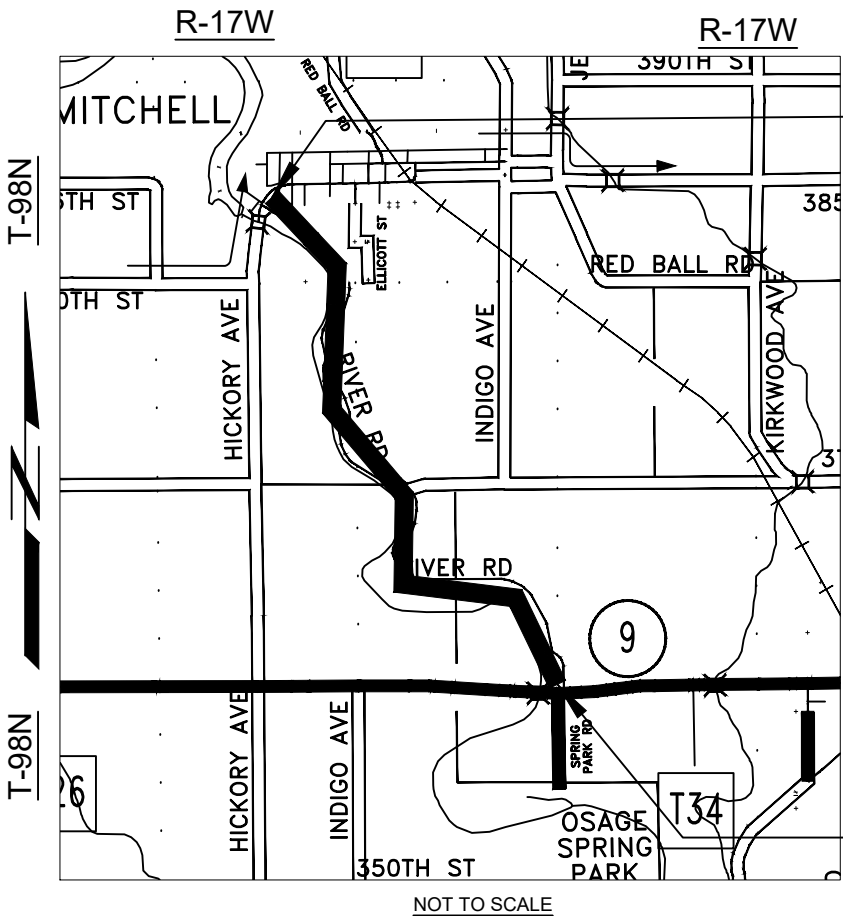
**UTILITIES**

Utility Companies whose facilities are shown on the plans or shown to be within the construction limits shall be notified by contractor of the construction before the construction starting date and subsequent work in the area. ALL UTILITIES MAY NOT BE LISTED.  
Contractor responsible to notify Utilites not listed.  
"IOWA ONE CALL" : (800) 292-8989      www.iowaonecall.com  
Heartland Power: (641) 584-2251  
Alliant Energy: (800) 255-4268

MITCHELL COUNTY  
SECONDARY ROADS  
PLANS OF PROPOSED IMPROVEMENTS ON THE  
SECONDARY ROAD SYSTEM  
MITCHELL COUNTY  
HMA Resurfacing  
L-RVRRD--73-66  
ON RIVER ROAD, FROM HIGHWAY 9, NW  
3.4 MILES TO HICKORY AVENUE

SCALES As Noted

REFER TO THE PROPOSAL FORM FOR LIST OF  
APPLICABLE SPECIFICATIONS.



STA 181+05  
END OF PROJECT

DESIGN DATA RURAL			
2021	330	V.P.D.	
2027	340	V.P.D.	
20	----	V.P.D.	
TRUCKS	----	%	
Total			
Design ESALs			

STA 0+12  
BEGINNING OF PROJECT



L-RVRRD--73-66

Total Sheets - 7

INDEX OF SHEETS	
No.	DESCRIPTION
A.1	TITLE SHEET
B.1	TYPICAL SECTIONS AND DETAILS
B.2	TYPICAL SECTIONS AND DETAILS
C.1	GENERAL NOTES & QUANTITIES
C.2	TABULATIONS
C.3	TABULATIONS
C.4	TABULATIONS

MILEAGE SUMMARY			
Proj.	LOCATION	Lin. Ft.	Miles
River Rd.	STA 0+12 TO 181+05	18093	3.43
NET LENGTH OF PROJECT		18093	3.43

REFER TO THE SHEET C.2 FOR TABULATION OF  
STANDARD ROAD PLANS.

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Iowa.

*Richard C. Brumm* Date **6-27-25**

RICHARD C. BRUMM

My license renewal date is December 31, 2026

Pages or sheets covered by this seal:  
All Sheets

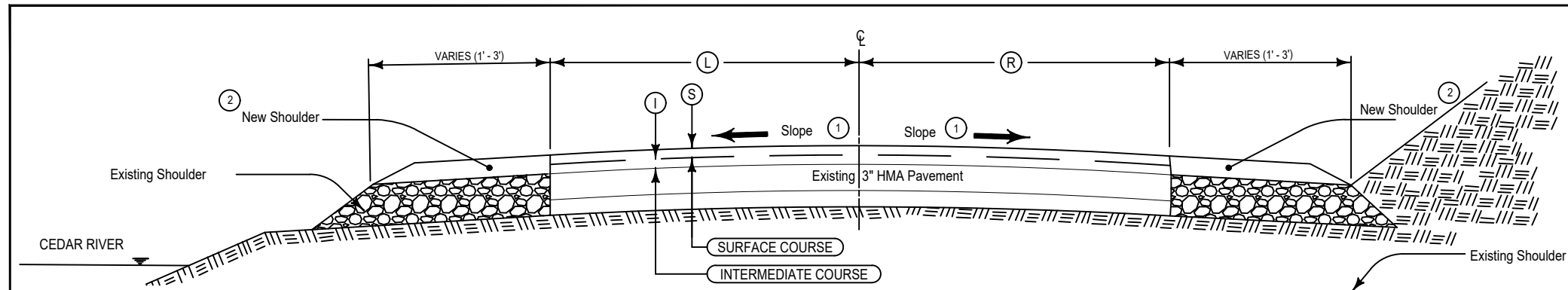
MITCHELL COUNTY

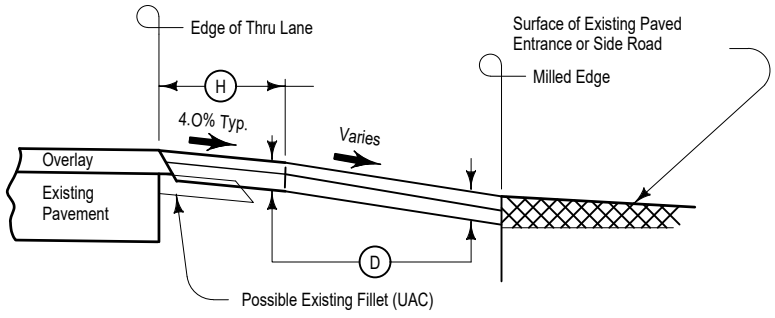
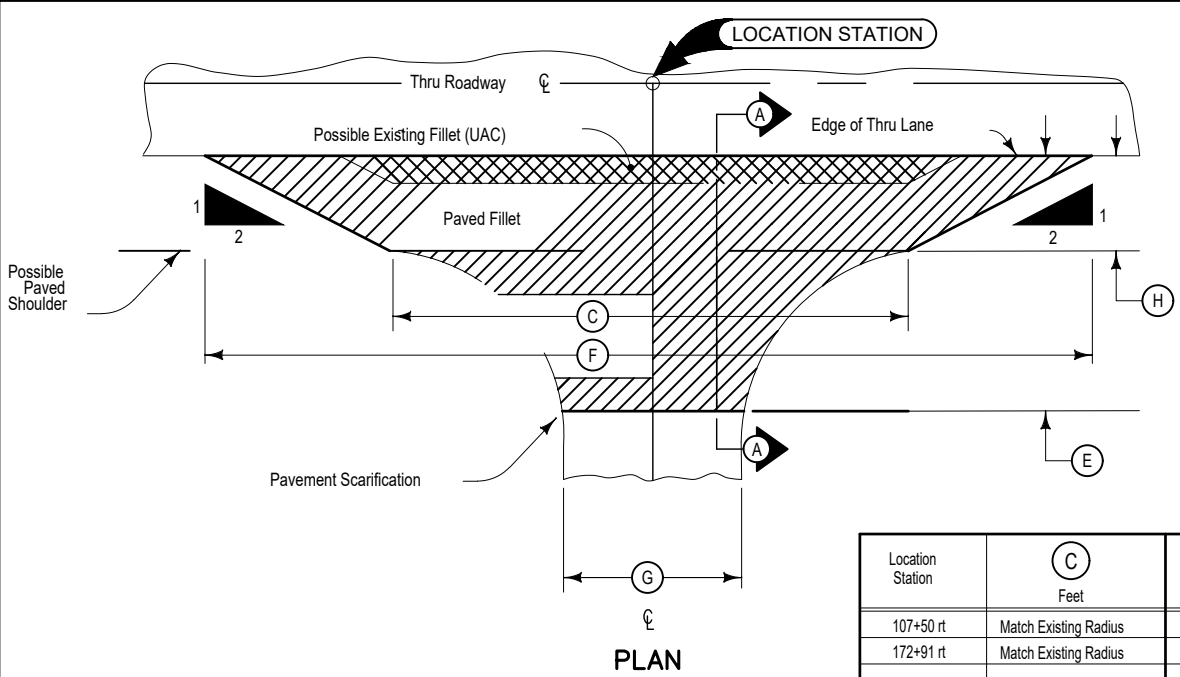
PROJECT NUMBER : L-RVRRD--73-66

STATE	FHWA REGION	FISCAL YEAR
IOWA	7	2025

A.1







SECTION A-A

Mix Design shall be similar for Base-Intermediate-Surface

Location Station	(C) Feet	(E) Feet	(F) Feet	(G) Feet	(H) Feet	(D) Inches	Base Tons	Intermediate Tons	Surface Tons	Total Tons
107+50 rt	Match Existing Radius	15	Match Existing	22	0	3			3.7	3.7
172+91 rt	Match Existing Radius	15	Match Existing	22	0	3			12	12

Lengths and Depths in this typical shall supercede PV-202.

Crown of fillets shall match edge of proposed HMA surface.

Special shaping of existing surface prior to placement of fillet may be required by the Engineer and is incidental to other work on the project.

Quantities included in Estimated Roadway Quantities and are for estimation only. Contractor is responsible to determine actual quantities delivered and used.

Pavement Scarification shall be a minimum of 4' long, width as shown in column "G", and 2" deep. Pavement Scarification shall be incidental to this HMA bid item.

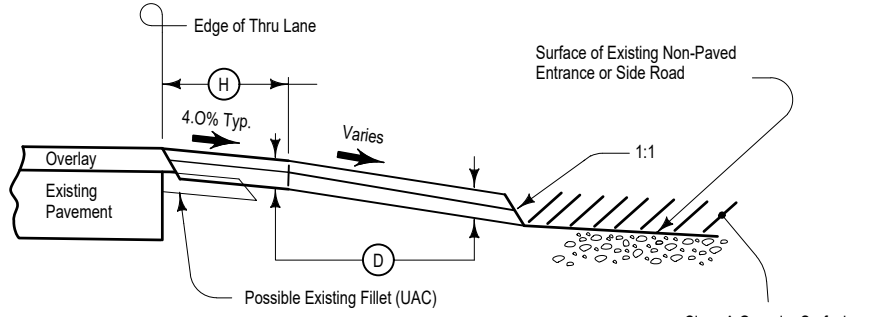
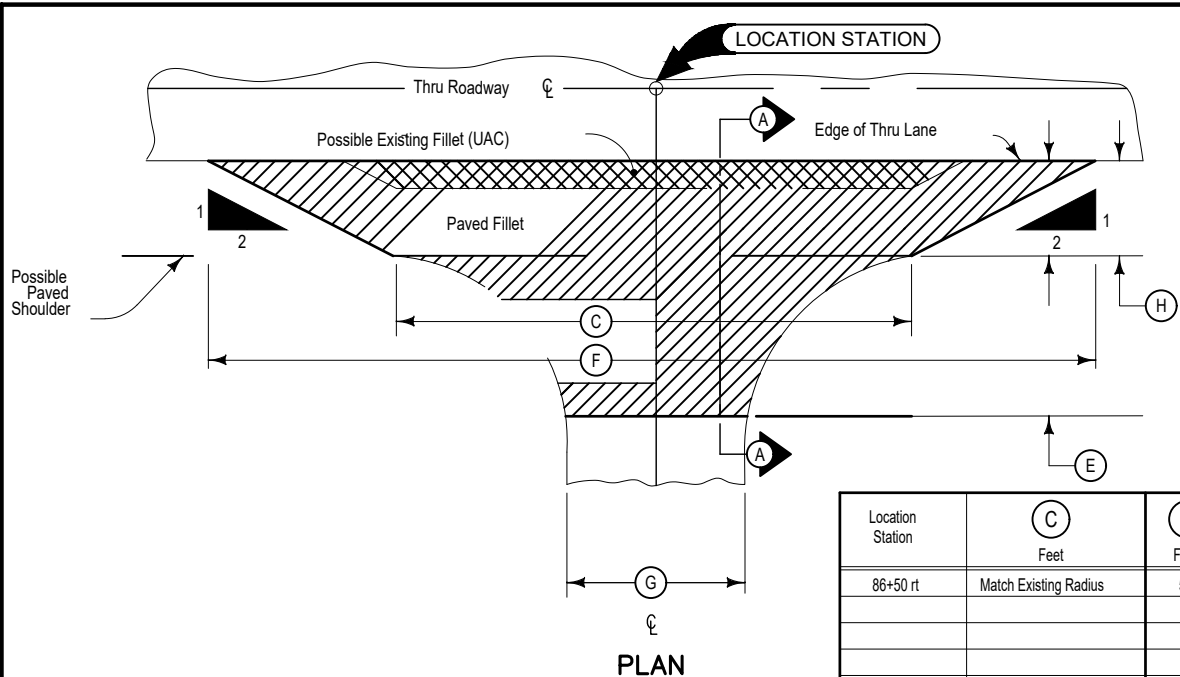
Base - 0 inches  
Surface - 3 inches  
  
(Approved to be paved in 2-3" lifts)

(D) Fillet shall be a 3" Wedge Section

HMA FILLET FOR PAVED ENTRANCES OR SIDE ROADS

HMA WEDGE SECTIONS

Mitch 09  
10-4-2022



SECTION A-A

Mix Design shall be similar for Base-Intermediate-Surface

Location Station	(C) Feet	(E) Feet	(F) Feet	(G) Feet	(H) Feet	(D) Inches	Base Tons	Intermediate Tons	Surface Tons	Total Tons
86+50 rt	Match Existing Radius	50	120	50	0	6	78.6		78.6	125.25

Lengths and Depths in this typical shall supercede PV-202.

Crown of fillets shall match edge of proposed HMA surface.

Special shaping of existing surface prior to placement of fillet may be required by the Engineer and is incidental to other work on the project.

Quantities included in Estimated Roadway Quantities and are for estimation only. Contractor is responsible to determine actual quantities delivered and used.

Pavement Scarification shall be a minimum of 4' long, width as shown in column "G", and 2" deep. Pavement Scarification shall be incidental to this HMA bid item.

Base - 3 inches  
Surface - 3 inches  
  
(Approved to be paved in 2-3" lifts)

(D) Side Road Fillet Section

HMA FILLET FOR NON-PAVED SIDE ROADS

Mitch 10  
10-4-2022

100_01D 8/15/22
PROJECT DESCRIPTION
Project involves placing 3" of new HMA surface to the existing pavement.

100_01A 10/15/24						111_25 10/23/24			
ESTIMATED PROJECT QUANTITIES						INDEX OF TABULATIONS			
Item No.	Item Code	Item	Unit	Total	As Built Qty.	Line No.	Tabulation	Tabulation Title	Sheet No.
1	2121-7425020	GRANULAR SHOULDERS, TYPE B	TON	760.00		1.0	100_01A	ESTIMATED PROJECT QUANTITIES	C.1
2	2212-0475095	CLEANING AND PREPARATION OF BASE	MILE	3.40		2.0	100_01D	PROJECT DESCRIPTION	C.1
3	2214-5145150	PAVEMENT SCARIFICATION	SY	356.00		3.0	100_04A	ESTIMATE REFERENCE INFORMATION	C.1
4	2303-1032500	HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	TON	33316.44		4.0	100_25	HMA PAVEMENT	C.3
5	2303-1033500	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE,				5.0	102_05	EXISTING PAVEMENT	C.2
		1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	TON	3316.44		6.0	102_16	NOTCHES AND RUNOUTS FOR RESURFACING	C.4
6	2303-1258283	ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC	TON	398.00		7.0	105_04	STANDARD ROAD PLANS	C.2
7	2315-8275025	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	1050.00		8.0	108_22	PAVEMENT MARKING LINE TYPES	C.2
8	2526-8285000	CONSTRUCTION SURVEY	LS	1.00		9.0	111_25	INDEX OF TABULATIONS	C.1
9	2527-9263109	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	486.12		10.0	112_09	SHOULDERS	C.4
10	2528-8445110	TRAFFIC CONTROL	LS	1.00					
11	2528-8445113	FLAGGERS	EACH	30.00					
12	2528-8445115	PILOT CARS	EACH	6.00					
13	2533-4980005	MOBILIZATION	LS	1.00					

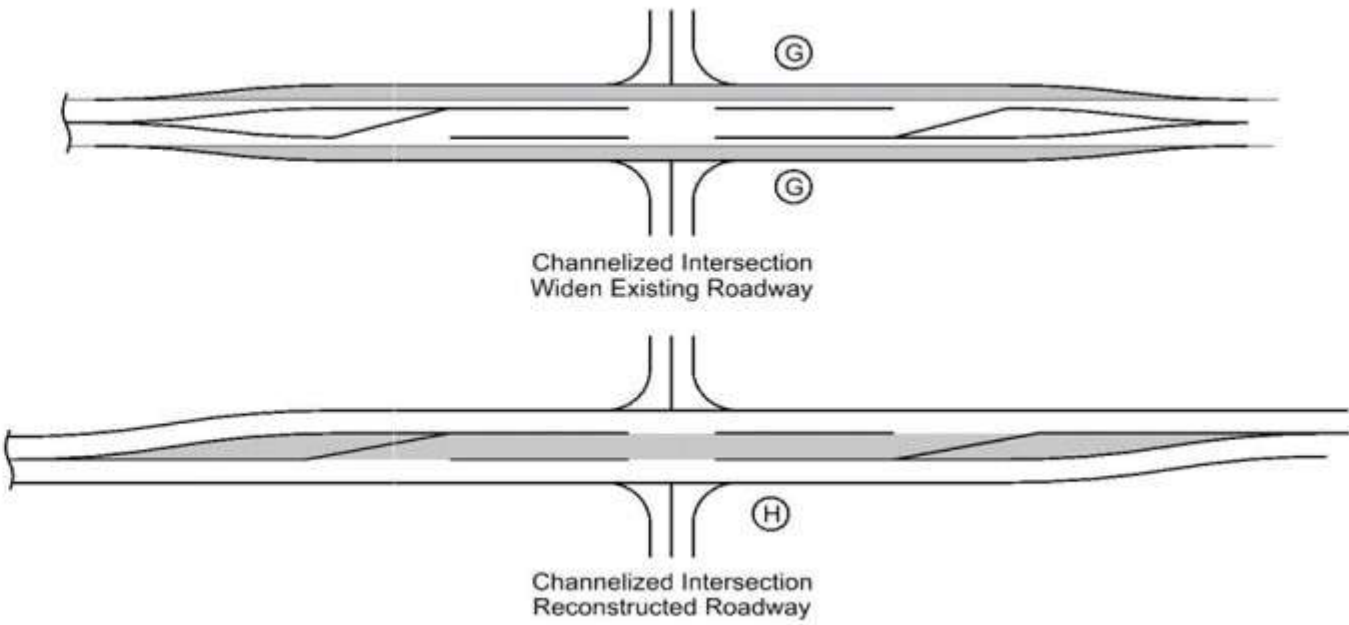
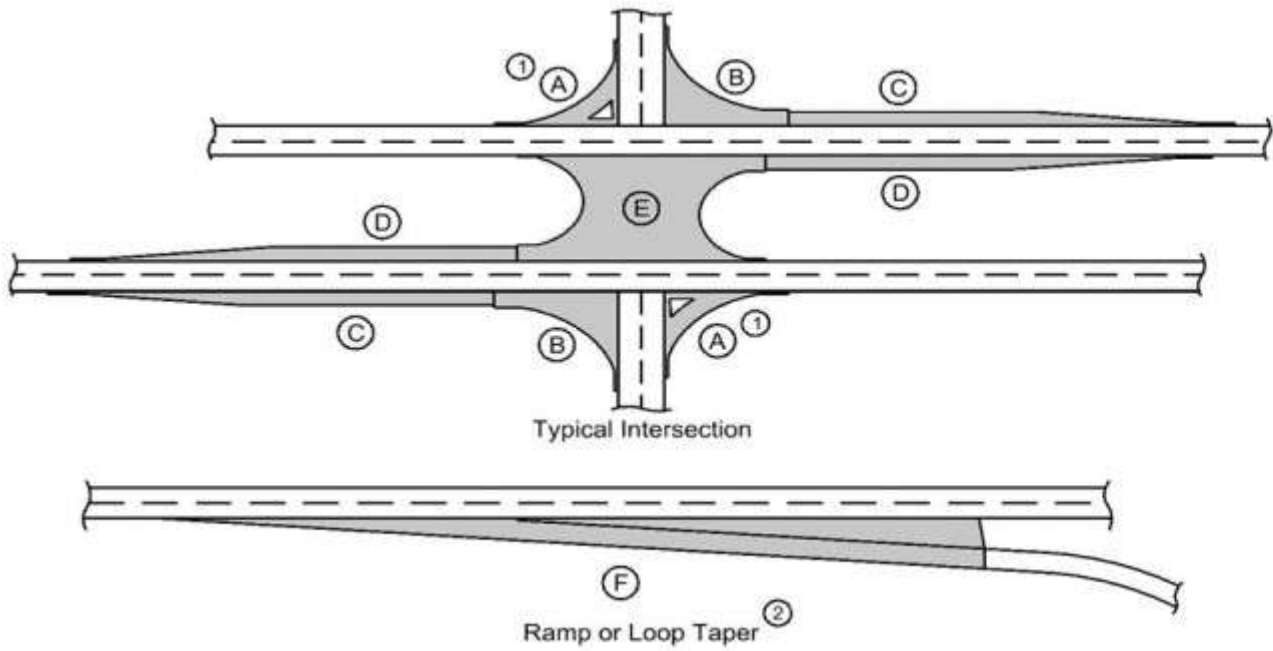
100_04A 6/2/23		
ESTIMATE REFERENCE INFORMATION		
Item No.	Item Code	Description
1	2121-7425020	Refer to Typical Mitch 02, Mitch 03 and Tabulation 112-9.
2	2212-0475095	This bid item includes 3.4 miles of two lane roadway.
3	2214-5145150	SEE TABULATION 102-16 ON SHEET C.02 FOR LOCATIONS AND QUANTITIES FOR MILLING THE EXISTING HMA SURFACE.
		SCARIFIED MATERIAL BECOMES THE PROPERTY OF THE CONTRACTOR, BUT MAY BE USED AS GRANULAR SHOULDER MATERIAL
		IN LIEU OF HAULING OFF SITE. CONTRACTOR TO DISPOSE OF ANY MATERIAL NOT SUITABLE FOR USE AS SHOULDER MATERIAL. MATERIAL
		SHALL BE VISUALLY INSPECTED FOR GRADATION ACCEPTANCE. ANY MATERIAL OVER 1 INCH IN DIAMETER WILL NOT BE ALLOWED. ANY
		RECYCLED MATERIAL SHALL BE PLACED IN THE BOTTOM HALF OF THE GRANULAR SHOULDER.
4	2303-1032500	SEE TYPICAL SECTION Mitch 02 and Mitch 03 ON SHEET B.01. MIX SHALL HAVE A MINIMUM 75% CRUSHED TYPE A AGGREGATE. MIX SHALL BE APPROVED
		BY THE ENGINEER PRIOR TO THE START OF THE PROJECT. CLASS 1 COMPACTION SHALL APPLY. DESIGN WEIGHT IS 149 LBS PER CU. FT.
		WITH 6% BINDER CONTENT. INCLUDES MIX FOR ALL ENTRANCES AND INTERSECTIONS. TACK IS INCIDENTAL TO PRICE BID FOR THIS ITEM.
		CONTRACTOR SHALL PERFORM ALL CERTIFIED PLANT INSPECTION WHICH SHALL BE INCIDENTAL TO THIS BID ITEM.
5	2303-1033500	(SEE NOTE FOR ITEM 4)
6	2303-1258283	QUANTITY ESTIMATED AT 6%
7	2315-8275025	ALL EXISTING DRIVEWAYS WILL BE RESURFACED WITH CLASS A CRUSHED STONE. ESTIMATED 70 DRIVES AT 15 TONS PER DRIVE. ACTUAL
		QUANTITY MAY VARY BASED ON FINAL RESURFACING CONDITTONS.
8	2526-8285000	PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL LOCATE AND OFFSET ALL SECTION CORNERS, QUARTER CORNERS, ANY 1/4 QUARTER
		CORNERS, PI'S AND POT'S. ALL MONUMENT PRESERVATION FOR ANY PLATS OF PROPERTY SHALL ALSO BE PERFORMED. CONTRACTOR TO
		RE-ESTABLISH ALL CORNERS, PI'S, POT'S AND MONUMENTS UPON COMPLETION OF THE PROJECT.
9	2527-9263109	Refer to Tab. 108-22 on Sheet C.3. THREE (3) GUN PAINT SYSTEM REQUIRED.
10	2528-8445110	
11	2528-8445113	
12	2528-8445115	
13	2533-4980005	

102_05 9/29/23																					
EXISTING PAVEMENT																					
Line No.	County	Route	Direction of Travel	Begin Ref. Location Sign	End Ref. Location Sign	Year	Type	Project Number	Surface Type	Surface Depth (IN)	Base Type	Base Depth (IN)	Subbase Type	Subbase Depth (IN)	Removal Type	Removal Depth (IN)	Coarse Aggregate Source	Coarse Aggregate Type	Course Aggregate Durability Class	Reinforcement Type	Remarks
1.0	Mitchell	River Road	Both			2001	TYPE B		HMA	3.0											

108_22 10/15/24																				
PAVEMENT MARKING LINE TYPES																				
Line factors based on 6-inch wide continuous line. *BCY4 - Place on the same side of the roadway to match existing markings near the project. **NPY4 - Estimating purposes only. No Passing Zone Lines will be located in the field. ***MNY6 - Factor of 1.00 includes number of 6-inch passes to cover median nose area. BCY4: Broken Centerline (Yellow) @ 0.17      BCY6: Broken Centerline (Yellow) @ 0.25      BLC6: Broken Line Contrast (White/Black) @ 0.50      BLW4: Broken Lane Line (White) @ 0.17      BLW6: Broken Lane Line (White) @ 0.25 CBW6: Crosswalk Bar (White) @ 10.00      CHW8: Channelizing Line (White) @ 1.33      CHW10: Channelizing Line (White) @ 1.67      CHY8: Channelizing Line (Yellow) @ 1.33      CHY10: Channelizing Line (Yellow) @ 1.67 CLW6: Crosswalk Line (White) @ 2.00      DCY4: Double Centerline (Yellow) @ 1.34      DCY6: Double Centerline (Yellow) @ 2.00      DDY4: Double Dotted Line (Yellow) @ 0.44      DDY6: Double Dotted Line (Yellow) @ 0.67 DLW4: Dotted Line (White) @ 0.22      DLW6: Dotted Line (White) @ 0.33      DLY4: Dotted Line (Yellow) @ 0.22      DLY6: Dotted Line (Yellow) @ 0.33      ELW4: Edge Line Right (White) @ 0.67 ELW6: Edge Line Right (White) @ 1.00      ELY4: Edge Line Left (Yellow) @ 0.67      ELY6: Edge Line Left (Yellow) @ 1.00      LDW8: Lane Drop (White) @ 0.33      LDW10: Lane Drop (White) @ 0.42 MNY6: Median Nose (Yellow) @ 1.00      NPY4: No Passing Zone Line (Yellow) @ 0.84      NPY6: No Passing Zone Line (Yellow) @ 1.25      RLW4: Ramp Edge Line Right (White) @ 0.67      RLW6: Ramp Edge Line Right (White) @ 1.00 RLY4: Ramp Edge Line Left (Yellow) @ 0.67      RLY6: Ramp Edge Line Left (Yellow) @ 1.00      SLW2: Stop Line (White) @ 4.00      SLW4: Solid Lane Line (White) @ 0.67      SLW6: Solid Lane Line (White) @ 1.00 SPW4: Sloped Curb 4" (White) @ 2.16      SPW6: Sloped Curb 6" (White) @ 2.28      SPY4: Sloped Curb 4" (Yellow) @ 2.16      SPY6: Sloped Curb 6" (Yellow) @ 2.28      STW6: Standard Curb 6" (Yellow) @ 2.03 STY6: Standard Curb 6" (Yellow) @ 2.03      YLW2: Yield Line (White) @ 1.15																				
Line No.	Road ID	Station From	Station To	Lane	Marking Type	Left	Center	Right	Groove Marking Needed?	Groove Qty. (STA)	BCY4* Factored (STA)	BLW4 Factored (STA)	DCY4 (STA)	DCY4 Factored (STA)	ELW4 (STA)	ELW4 Factored (STA)	ELY4 Factored (STA)	SLW2 (STA)	SLW2 Factored (STA)	Remarks
1.0	River Road	+12.00	181+05.00	Both	Waterborne/Solvent Paint		X						180.94	242.46						
2.0	River Road	+12.00	181+05.00	Right	Waterborne/Solvent Paint			X							180.94	121.23				
3.0	River Road	+12.00	181+05.00	Left	Waterborne/Solvent Paint	X									180.94	121.23				
4.0	River Road	+24.00	+24.00	SB	Waterborne/Solvent Paint													0.15	0.60	
5.0	River Road	180+90.00	180+90.00	WB	Waterborne/Solvent Paint													0.15	0.60	

105_04 10/15/24		
STANDARDS		
The following Standards apply to construction work on this project.		
Number	Date	Title
PM-110	10-15-24	Line Types
PR-202	10-21-14	Notches for Resurfacing (with or without Runout)
PV-202	04-21-20	Hot Mix Asphalt Resurfacing
TC-1	10-15-19	Work Not Affecting Traffic (Two-Lane or Multi-Lane)
TC-202	04-18-23	Work Within 15 ft of Traveled Way
TC-211	10-15-19	Lane Closure on Low Volume Roadway
TC-212	04-18-23	Spot Location Lane Closure with Flaggers
TC-213	04-18-23	Lane Closure with Flaggers
TC-214	04-18-23	Lane Closure with Flaggers for use with Pilot Car
TC-231	04-18-23	Slow Moving Vehicle Operating in the Traffic Lane
TC-233	10-17-17	Pavement Marking Operations Two-Lane

HMA PAVEMENT



- (1) Does not include raised island area or curb. Refer to tabulation 112-4 for quantit  
(2) Refer to PV-410, PV-411, PV-412, and PV-  
(3) Quantity includes Pavement Hea

Line No.	Road Identification	Direction of Travel	Station From	Station To	Width (FT)	Length (FT)	Area (SY)	Area A(1) (SY)(3)	Area B (SY)(3)	Area C (SY)(3)	Area D (SY)(3)	Area E(2) (SY)(3)	Area F (SY)(3)	Area G (SY)(3)	Area H (SY)(3)	HMA Pavement Surface (TONS)	HMA Pavement Surface (SY)	HMA Pavement Intermediate (TONS)	HMA Pavement Intermediate (SY)	HMA Pavement Base (TONS)	HMA Pavement Base (SY)	Binder Surface (TONS)	Binder Intermediate (TONS)	Binder Base (TONS)	Polymer Grid (SY)	Special Backfill (TONS)	Modified Subbase (CY)	Granular Subbase (SY)	Pavement Scarification (SY)	Remarks
1.0	River Road	NNW	+12.00	181+05.00	22.0	18093.00	37935.33		253.00							3222.141	38188.33	3222.141	38188.33			193.328	193.328						356.0	

112\_09  
10/15/24

SHOULDERS

(1) Lane(s) to which the shoulder is adjacent.  
(2) See Typ. 7156, 7157, or 7158.  
(3) Bid Item.  
(4) Applies only for Paved Shoulders constructed on project with existing granular shoulders.  
(5) Bid Item. Typ. 7156, 7157, or 7158.  
(6) Does not include shrink.  
(7) Paved shoulder thickness specified in Remarks.  
(8) Subbase type specified in Remarks.

Roadway Identification	Direction of Travel (1)	Station From	Station To	Side	P Width (FT)	P SG Width (2) (FT)	G Width (FT)	L Length (FT)	Class 13 Excavation (CY)(3)(4)	HMA (TON)	HMA (TON/ STA)	Binder (TONS)	Paved Shoulder (3) (SY)	Shoulder at Grd rail (5)(7)	Reinforced Paved Shoulder(3) (SY)	Special Backfill HMA Alt. (3) (TON)	Special Backfill HMA Alt. (TON/STA)	Special Backfill PCC Alt. (3) (TON)	Special Backfill PCC Alt. (TON/STA)	Polymer Grid (SY)	Subbase (3) (8) (CY)	Granular Shoulder (3) (TON)	Granular Shoulder (TON/STA)	Shoulder Const. Alt (3) (STA)	Shoulder Const. Alt HMA (6) (CY)	Shoulder Const. Alt PCC (6) (CY)	Remarks
River Road	NB	+12.00	181+05.00	Right			1	18093.00														379.953	2.100	180.93			
River Road		+12.00	181+05.00	Left				18093.00														379.953	2.100	180.93			

102\_16  
11/1/24

NOTCHES AND RUNOUTS FOR RESURFACING

Refer to PR-201 and PR-202.

(1) Bid item. Applies only to Types 'N1' and 'N3' on PR-202. Refer to 100-25 for remaining values.

Line No.	Station	Type of Notch or Runout	S (IN)	I (IN)	DI (IN)	L (FT)	M (IN)	Pavement Scarification (SY) (1)	Remarks
1.0	+12.00	Type N3	1.5	1.5		75.0	1.5	186.0	
2.0	181+05.00	Type N3	1.5	1.5		75.0	1.5	170.0	

# BIDDING PROPOSAL FOR MITCHELL COUNTY

Project Number: L-RVRRD--73-66

Type of Work: HMA Paving

System: Local

Miles: 3.400

**Location and Description : River Road: On River Road, from Highway 9 NW 3.4 miles to Hickory Ave**

Proposal of:

Name of Bidder

Street Address

City

State

Zip Code

Federal Tax I.D. Number

Phone

Fax

Email

The bidder hereby certifies that no other principal is involved in or has an interest in this proposal; that the bidder has thoroughly examined the plans and specifications and this contract form and is aware of the provisions contained herein; that the bidder has examined the site of the work and understands that the quantities of work required by the plans and specifications are approximate only and are subject to increases and decreases; that the bidder understands that all quantities of work actually required must be performed and that payment therefore shall be at the unit prices stipulated herein; that the bidder proposes to timely furnish the specified material in the quantities required and to furnish the machinery, equipment, labor and expertise necessary to competently complete this project by the time specified; that no state or county official or employee has a direct or indirect interest in the contract which would cause violation of Iowa Code Section 314.2; that the bidder has made no agreement with any supplier of motor fuel or special fuel which will result in a violation of Iowa Code Section 452A.17(8).

If this bid is accepted, Bidder agrees: to perform all "extra work" required to complete the project at unit prices or lump sums to be agreed upon in writing prior to commencement of such "extra work" or if prior agreement cannot be reached, to perform the work on a "force-account basis" as provided in the specifications; to execute the formal contract within thirty days of the date of approval for award or to forfeit the proposal guaranty furnished herewith; to begin work in accordance with the contract documents and to either complete the work within the contract period or pay liquidated damages, which shall accrue at the daily rate specified below, for each additional working day the work remains uncompleted; and to furnish a performance bond in an amount equal to the contract award as security for the full and complete performance of the contract in accordance with the plans and specifications.

Work Days	Date Type	Date	Liquidated Damages Per Day
N/A	Completion Date	10/31/2025	\$1,000.00
<b>Proposal Guaranty: \$37,500.00</b>			

Enclosed herewith is a certified check, credit union share draft, Cashier's Check, bank draft on a solvent bank or a bid bond in the penal sum shown in the contract document as a proposal guaranty. It is understood by bidder that the said guaranty document shall be retained by the Contracting Authority as a forfeiture in the event the formal contract is not executed or performance bond is not furnished if the award is made to the undersigned.

The signing of this Bid Document shall serve as an unsworn declaration that, I (the owner, partner, President, other corporate officer, or an authorized representative) hereby certify under penalty of perjury under the laws of the United States and the State of Iowa that I have read, understand, and accept the Bidding Certifications and other provisions contained in this Proposal Notice.

Signature

Date

Signature

Date

Date of Letting: Monday, July 28, 2025, 12:00 PM, County Boardroom, Osage, Iowa

# SCHEDULE OF PRICES -- PROPOSAL

## Mitchell County, Iowa -- Project L-RVRRD--73-66

Type of work : HMA Paving

UNIT PRICES AND EXTENDED AMOUNTS MUST BE TYPED OR SHOWN IN INK OR THE BID WILL BE REJECTED.

Bidder shall show unit price and extension for each item and total for each division.

Item Number	Description	Units	Quantity	Unit Price	Total
Division 1					
1. 2121 - 7425020	GRANULAR SHOULDERS, TYPE B	TON	760.000		
2. 2212 - 0475095	CLEANING AND PREPARATION OF BASE	MILE	3.4		
3. 2214 - 5145150	PAVEMENT SCARIFICATION	SY	356.000		
4. 2303 - 1032500	HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	TON	3316.440		
5. 2303 - 1033500	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	TON	3316.440		
6. 2303 - 1258283	ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC	TON	398.00		
7. 2315 - 8275025	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	1050.0		
8. 2526 - 8285000	CONSTRUCTION SURVEY	LS	1.00		
9. 2527 - 9263109	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	486.12		
10. 2528 - 8445110	TRAFFIC CONTROL	LS	1.00		
11. 2528 - 8445113	FLAGGERS	EACH	30.000		
12. 2528 - 8445115	PILOT CARS	EACH	6		
13. 2533 - 4980005	MOBILIZATION	LS	1.00		
<b>Total Bid</b>					

This project shall be tied with L-HMA2025--73-66

The County, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

STANDARD SPECIFICATIONS OF THE IDOT, SERIES 2023, AND CURRENT SUPPLEMENTAL SPECIFICATIONS SHALL APPLY.



# Addendum 1

L-HMA2025--73-66

Mitchell County

7/28/2025 12:00 PM

Type of Work: HMA Paving

System: Local

Miles: 4.220

## Addendum Details

On the Bidding Proposal

**Change:** Item 3 **from** 2214-5145160, Pavement Scarification, TON **to** 2214-5145150 Pavement Scarification, Nominal Thickness, SY. The quantity will remain the same.

On Plan Sheet C.1, Tabulation 100-01C

**Change:** Item 3 **from** 2214-5145160, Pavement Scarification **to** 2214-5145150 Pavement Scarification, Nominal Thickness, SY. The quantity will remain the same.

The Responsibility for notifying potential subcontractors or suppliers lies with the proposal holder.

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Signature

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Date

Addendum must be signed and attached to Proposal or the bid will be rejected.