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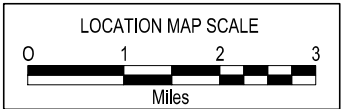
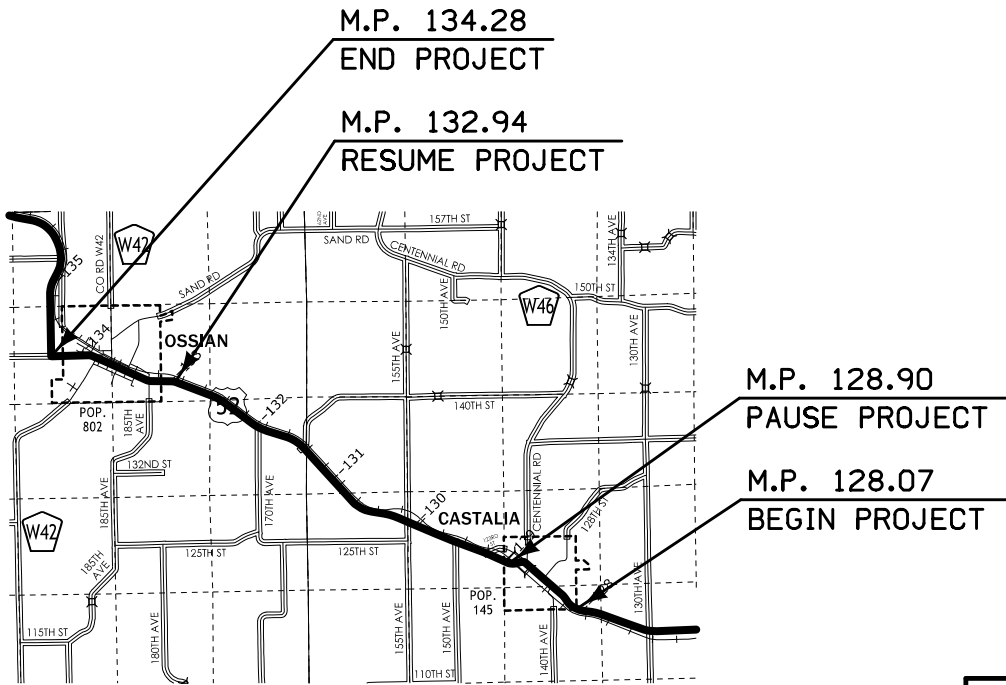


PLANS OF PROPOSED IMPROVEMENT ON THE
PRIMARY ROAD SYSTEM
WINNESHIEK COUNTY
HMA JOINT/CRACK SEALING
In the Cities of Castalia and Ossian

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.14 of the Specifications.



Ossian	
Lydia St to Becker St	
DESIGN DATA URBAN	
2024	AADT 2630 V.P.D.
20 --	AADT -- V.P.D.
20 --	DHV -- V.P.H.
TRUCKS	10.34 %
Total	
Design ESALS	--

Castalia	
ECL Castalia to Centennial Rd	
DESIGN DATA URBAN	
2024	AADT 1510 V.P.D.
20 --	AADT -- V.P.D.
20 --	DHV -- V.P.H.
TRUCKS	18.01 %
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.

8/14/2026
Signature DUSTEN D. ROLANDO Date
Printed or Typed Name
My license renewal date is December 31, 2027

Pages or sheets covered by this seal: A.1, C.1-C.3, J.1-J.3

REVISIONS	TOTAL
	7
	PROJECT IDENTIFICATION NUMBER
	26-96-052-040
	PROJECT NUMBER
	MP-052-2(711)128--76-96
	R.O.W. PROJECT NUMBER

ESTIMATED PROJECT QUANTITIES AND REFERENCE NOTES

Roadway Items : Roadway Items

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Roadway Items	
1	2528-8445110	TRAFFIC CONTROL	LS	1	Refer to Tabulation 108-23A for additional information.
2	2528-8445113	FLAGGERS	EACH	0	See Proposal.
3	2528-8445115	PILOT CARS	EACH	0	
4	2528-8445116	FLAGGER WITH AFAD	EACH	0	See Proposal.
5	2533-4980005	MOBILIZATION	LS	1	--
6	2541-1004011	CRACK AND JOINT CLEANING AND SEALING (HMA SURFACES)	MILE	3.5	Miles Calculated: 1.98 miles of US 52 - 2-lane pavement 38' wide or less (x1.5) 0.21 miles of US 52 - 2-lane pavement 50' wide or less (x2.5) Standard Specification 2541.03B shall be modified as follows: Cracks and joints with an average opening of 3/4 inch or less shall be routed or sawn to provide a minimum sealant reservoir of 3/4 inch width by a nominal 1/2 inch depth. For cracks and joints with an average opening greater than 3/4 inch, use backer rod or clean, dry sand. Clean cracks and joints of all foreign material to a depth necessary to accommodate the sealer material and backer rod, or sand, to be used. Ensure backer rod is dry when placed.
7	2541-1005001	SEALER MATERIAL (HMA SURFACES)	LB	7,286.4	Sealant material estimated at 1 lb. per 3.5 feet of cracking. The centerline and lane line longitudinal joints shall be routed and sealed with this project. Care shall be taken while working along centerline and lane lines to not obscure pavement markings.

262_06
9/28/22

UTILITIES (NOT A POINT 25 PROJECT)

105_04 10/20/26 STANDARDS The following Standards apply to construction work on this project.		
Number	Date	Title
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-213	04-18-23	Lane Closure with Flaggers
TC-214	04-18-23	Lane Closure with Flaggers for use with Pilot Car

108_23A
8/15/22

TRAFFIC CONTROL PLAN

Through traffic shall be maintained at all times.

										108_25 3/28/24
511 TRAVEL RESTRICTIONS										
Line No.	Route	Direction	County	Location Description	Feature Crossed	Object Type	Maint. Bridge No. or Structure ID or FHWA No.	Type of Restriction	Existing Measurement	Remarks
1.0	US 52	2-Lane	Winneshiek					None		No Travel Restrictions Anticipated

111_01
10/14/22

COORDINATED OPERATIONS

Other work in progress during the same period of time will include the construction of the projects listed. Coordinate operations with those of other contractors working within the same area.

Project	Type of Work
	To be discussed at PreCon