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PLANS OF PROPOSED IMPROVEMENT ON THE
PRIMARY ROAD SYSTEM
FAYETTE \ CLAYTON COUNTY
HMA JOINT/CRACK SEALING
IA 150 in West Union to WCL Elkader

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

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



REFER TO SHEET A.2 FOR LOCATION MAP

West Union	
IA 150 to S Vine St	
DESIGN DATA URBAN	
2024	AADT 1150 V.P.D.
20 --	AADT -- V.P.D.
20 --	DHV -- V.P.H.
TRUCKS	16 %
Total	
Design ESALs	--

Fayette County	
S Pine St to Co Rd W55	
DESIGN DATA RURAL	
2024	AADT 600 V.P.D.
20 --	AADT -- V.P.D.
20 --	DHV -- V.P.H.
TRUCKS	30.67% %
Total	
Design ESALs	--

Clayton County	
Fayette County Line to Co Rd C2W	
DESIGN DATA RURAL	
2024	AADT 790 V.P.D.
20 --	AADT -- V.P.D.
20 --	DHV -- V.P.H.
TRUCKS	23.16 %
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.

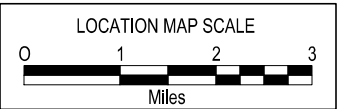
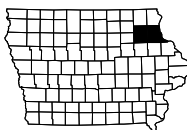
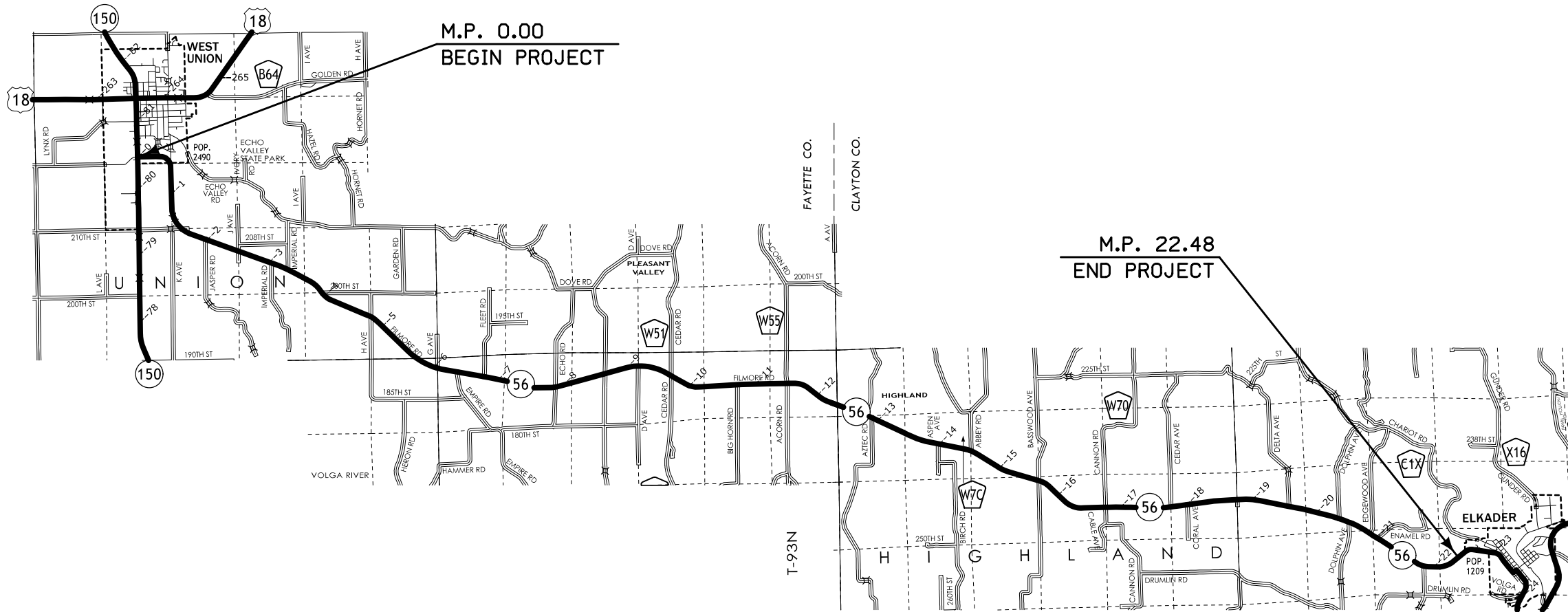
8/14/2026
Signature DUSTEN D. ROLANDO Date

Printed or Typed Name

My license renewal date is December 31, 2027

Pages or sheets covered by this seal: A.1-A.2, C.1-C.3, J.1-J.3

REVISIONS	TOTAL
	8
	PROJECT IDENTIFICATION NUMBER
	26-33-056-010
	PROJECT NUMBER
	MP-056-2(705)0--76-33
	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	22.8	Miles Calculated: 22.16 miles of IA 56 - 2-lane pavement 32' wide or less (x1) 0.32 miles of IA 56 - 4-lane pavement (x2) Standard Specification 2541.03B shall be modified as follows: Cracks and joints with an average 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	55,032.69	Sealant material estimated at 1 lb. per 3.5 feet of cracking. The centerline longitudinal joints shall be 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)

This is NOT a POINT 25 project and is not subject to the provisions of IAC 761-115.25.

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
TC-419	04-18-23	Lane Closure on Undivided Highway

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	IA 56	2-Lane	Fayette					None		No travel restrictions anticipated
2.0	IA 56	2-Lane	Clayton					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