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PLANS OF PROPOSED IMPROVEMENT ON THE
PRIMARY ROAD SYSTEM
CARROLL COUNTY
HMA Crack Filling
0.25 mi E of Crawford Co Line
to 0.1 mi E of Heires Ave in Carroll

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

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



DESIGN DATA RURAL					DESIGN DATA URBAN				
2026	AADT	4,327	V.P.D.		2026	AADT	9,233	V.P.D.	
2046	AADT	—	V.P.D.		2046	AADT	—	V.P.D.	
2046	DHV	—	V.P.H.		2046	DHV	—	V.P.H.	
TRUCKS		10	%		TRUCKS		5	%	
Total					Total				
Design ESALs		—			Design ESALs		—		

REVISIONS		TOTAL
		10
PROJECT IDENTIFICATION NUMBER		
26-14-030-040		
PROJECT NUMBER		
MP-030-3(718)70--76-14		
R.O.W. PROJECT NUMBER		

ROADWAY DESIGN

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.

Signature

Justin M. Pottorff

Date

08/04/2026

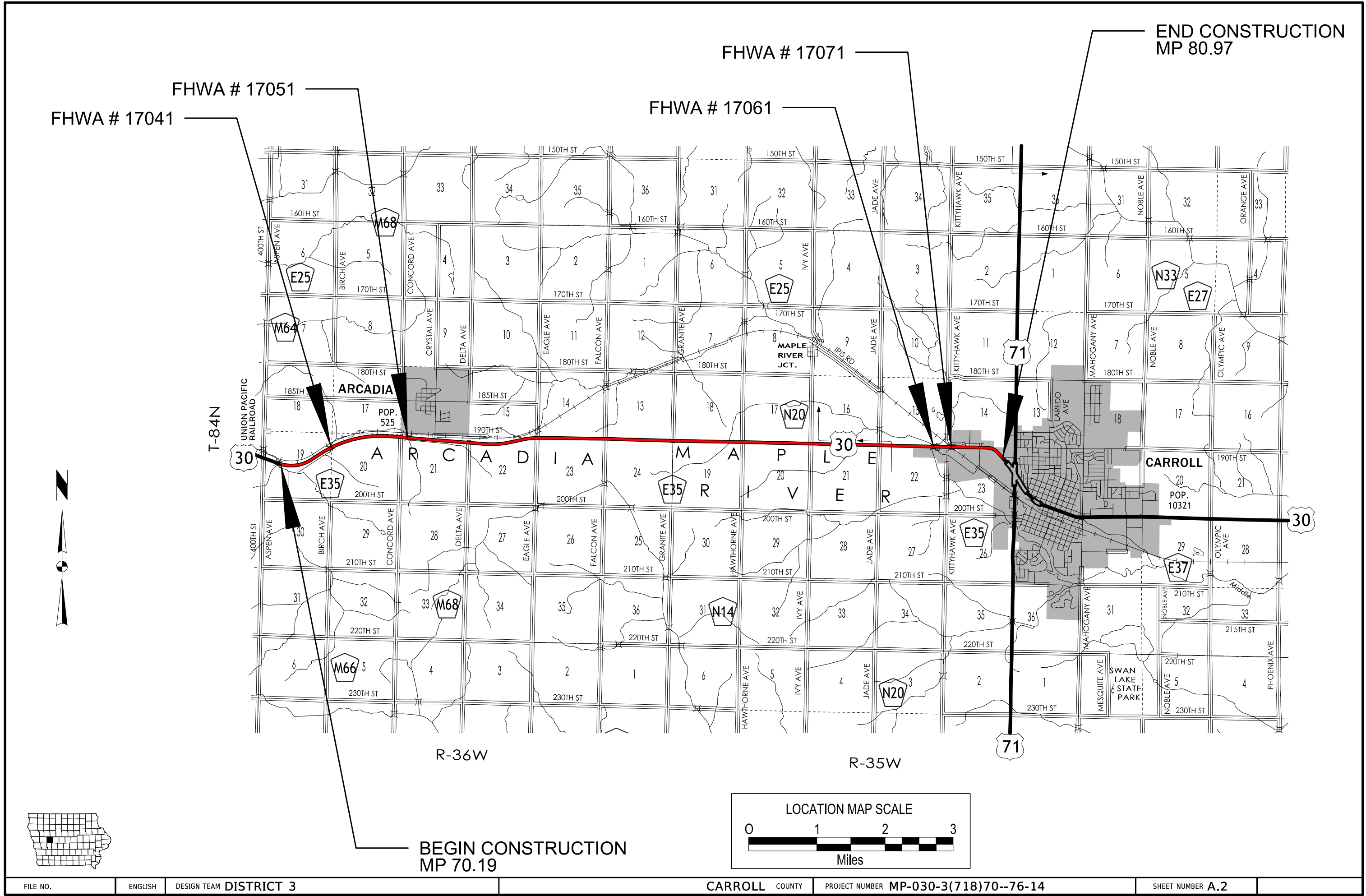
Printed or Typed Name

JUSTIN M. POTTORFF

My license renewal date is December 31, 2026

Pages or sheets covered by this seal:

ALL



ESTIMATED PROJECT QUANTITIES AND REFERENCE NOTES

Iowa DOT : Roadway Items

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Iowa DOT	
1	2528-8445110	TRAFFIC CONTROL	LS	1	Refer to Traffic Control Plan on J Sheets.
2	2528-8445115	PILOT CARS	EACH	0	See proposal.
3	2528-8445116	FLAGGER WITH AFAD	EACH	0	See proposal.
4	2533-4980005	MOBILIZATION	LS	1	--
5	2544-1001100	CLEANING AND FILLING CRACKS (PAVEMENT MAINTENANCE)	MILE	12.59	This work shall consist of cleaning and filling cracks in accordance with Std. Spec. 2544.
6	2544-1003000	FILLER MATERIAL (MAINTENANCE)	GAL	3,777	Cracks shall be filled with filler material meeting the requirements of Article 4140, modified for CRS-2P. Quantity estimated at 300 gallons per two lane mile pavement. Quantity has been adjusted to include additional lanes and reduced for PCC sections.

PROJECT DESCRIPTION				100_01D 8/15/22
This is a HMA Crack Filling project in Carroll County on US 30 from 0.25 miles East of the Crawford County to 0.1 miles East of Heires Avenue in Carroll.				
FILE NO.	ENGLISH	DESIGN TEAM	DISTRICT 3	CARROLL COUNTY PROJECT NUMBER MP-030-3(718)70--76-14 SHEET NUMBER C.2

EXISTING PAVEMENT																						102.05 9/29/23
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	Carroll	US-30	EB	69.94	80.46	2025	M	MP-030-3(715)56--76-24													HMA Crack Filling	
2.0	Carroll	US-30	EB	69.94	80.46	2023	M	MP-030-3(714)55--76-24	PCC												PCC patching	
3.0	Carroll	US-30	EB	69.94	80.46	2023	M	MP-030-3(714)79--76-14	PCC												PCC patching	
4.0	Carroll	US-30	EB	69.94	80.46	2022	M	MP-030-3(712)56--76-24													HMA crack filling	
5.0	Carroll	US-30	EB	69.94	80.46	2015		NHSN-030-2(161)--2R-24	MSS													
6.0	Carroll	US-30	EB	69.94	80.46	1998		NHSN-30-2(79)--2R-14	AAC	1.5	AAC	1.5	BAC	9.0			DELL RAPIDS	QUARTZ				
7.0																						
8.0	Carroll	US-30	EB	80.46	80.93	2023	M	MP-030-3(714)79--76-14	PCC												PCC patching	
9.0	Carroll	US-30	EB	80.46	80.93	1997		MP-30-3(701)80--76-14	AAC	3.0					MIL	3.0	GILMORE CITY	C.LST.				
10.0	Carroll	US-30	EB	80.46	80.93	1971		FN-30-2(15)--21-14	AAC	1.0							GILMORE CITY-HAL	C.LST.				
11.0	Carroll	US-30	EB	80.46	80.93	1960		FN-721*<1>	AAC	1.5	AAC	1.5					LAKE CITY	GRAVEL				
12.0	Carroll	US-30	EB	80.46	80.93	1956		FN-721	PCC								SACTON	GRAVEL			.9M WIDENING PCC 255MM	
13.0	Carroll	US-30	EB	80.46	80.93	1930		P-611BCDE	PC7	7.0							LAKE VIEW	GRAVEL				
14.0																						
15.0	Carroll	US-30	EB	80.93	81.34	2023	M	MP-030-3(714)79--76-14	PCC												PCC patching	
16.0	Carroll	US-30	EB	80.93	81.34	1988		F-30-2(50)--20-14	PCC	10.0							FT. DODGE MINE	C.LST.				

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-231	04-18-23	Slow Moving Vehicle Operating in the Traffic Lane

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.

TRAFFIC CONTROL PLAN 1. Through traffic will be maintained on the project at all times. 2. Traffic control on this project shall be found in accordance with the TC series of Standard Road Plans found in Tabulation 105-4 and/or appropriate Detail Sheets included in the plans. For additional complementary information, refer to part VI of the Manual on Uniform Traffic Control Devices and the current Standard Specifications. 3. The contractor shall coordinate traffic control with other projects in the area.			108_23A 8/15/22					
FILE NO.	ENGLISH	DESIGN TEAM	DISTRICT 3	CARROLL COUNTY	PROJECT NUMBER	MP-030-3(718)70--76-14	SHEET NUMBER	J.1

7/14/2026 9:10:47 AM

baeonoaebwarz@dot.iowa.gov

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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	Construction Measurement	Construction Measurement as Signed	Projected As Built Measurement	Remarks
1.0	US 30	EB	Carroll	0.25 mi E of Crawford Co Line to 0.1 mi E of Heire	N/A	Traffic Control Device	N/A	Horizontal	N/A	29	N/A	N/A	
2.0	US 30	EB	Carroll	1.1 mi E of Crawford Co	Small natural stream	Traffic Control Device	FHWA 17041	Horizontal	N/A	29	N/A	N/A	
3.0	US 30	EB	Carroll	0.4 mi W of Jct SR M68	Small natural stream	Traffic Control Device	FHWA 17051	Horizontal	N/A	29	N/A	N/A	
4.0	US 30	EB	Carroll	1.4 mi W of Jct 71	Middle Raccoon River	Barrier	FHWA 17061	Horizontal	N/A	68	N/A	N/A	
5.0	US 30	EB	Carroll	1.1 mi W of Jct 71	Over UP RR	Barrier	FHWA 17071	Horizontal	N/A	68	N/A	N/A	

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
NHSX-030-2(179)--3H-24	HMA Resurfacing/CIPR