PCC PATCHING

LETTING DATE **Dec 15, 2026**

MP-030-3(720)85--76-14

CARROLL COUNTY

INDEX OF SHEETS	
No.	DESCRIPTION
A Sheets	**Title Sheets**
A.1	Title Sheet
A.2	Location Map Sheet
C Sheets	**Quantities and General Information**
C.1	Estimated Project Quantities & Reference Information
C.2 - 6	Standard Road Plans
J Sheets	**Traffic Control and Staging Sheets**
J.1	Traffic Control Plan

IOWA DOT

PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM

CARROLL COUNTY

PCC PATCHING

0.54 mi E of Olympic Ave in Carroll to Colorado St in Glidden

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.13 of the Specifications.

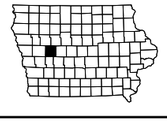
IOWA ONE CALL
1-800-292-8989
www.iowaonecall.com
811 Know what's below. Call before you dig.

REVISIONS

TOTAL 9
PROJECT IDENTIFICATION NUMBER
26-14-030-060
PROJECT NUMBER
MP-030-3(720)85--76-14
R.O.W. PROJECT NUMBER

Scan the QR code or click the link below to leave plan quality feedback and help us improve future projects.

Design QR Feedback Link



DESIGN DATA RURAL			
2025	AADT	6400	V.P.D.
20 –	AADT	--	V.P.D.
20 –	DHV	--	V.P.H.
TRUCKS		10	%
Total Design ESALs		--	

DESIGN DATA URBAN			
2025	AADT	6500	V.P.D.
20 –	AADT	–	V.P.D.
20 –	DHV	–	V.P.H.
TRUCKS		10	%
Total Design ESALs		–	

ROADWAY DESIGN

LICENSED PROFESSIONAL ENGINEER
JUSTIN M. POTTORFF
25733
IOWA

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 — Date: 01/06/2025

JUSTIN M. POTTORFF
Printed or Typed Name

My license renewal date is December 31, 2026

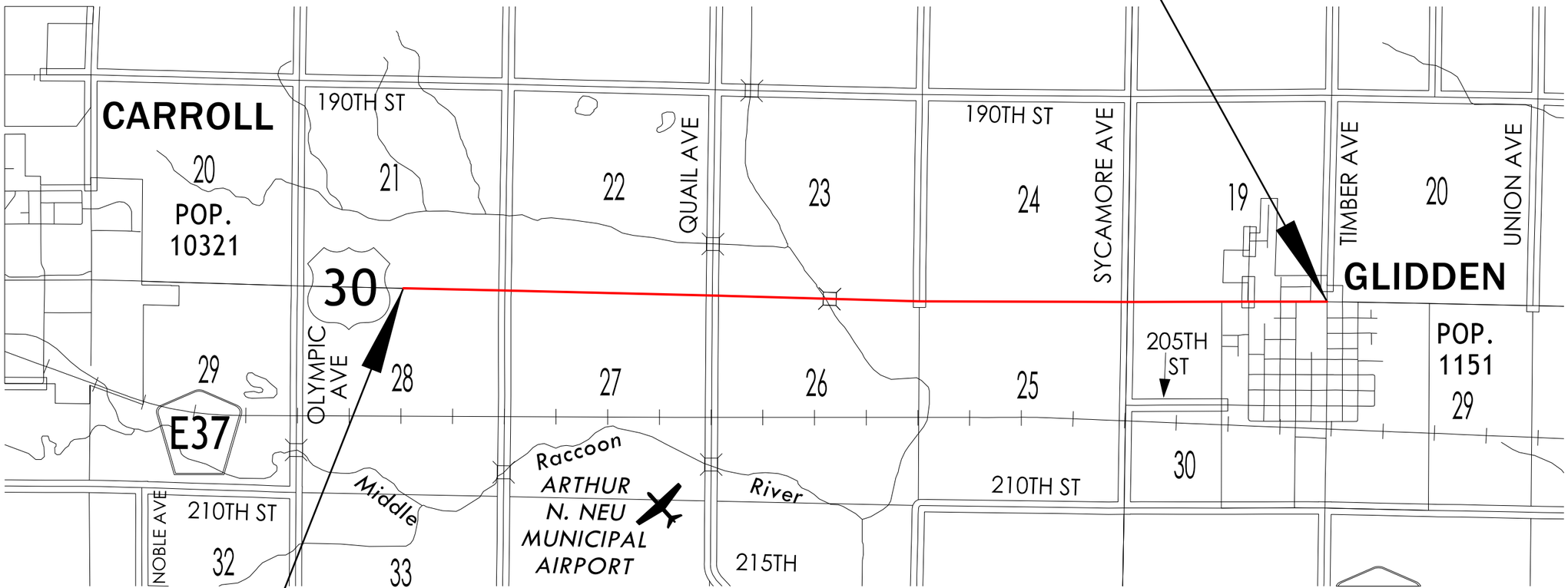
Pages or sheets covered by this seal: ALL

FILE NO.	ENGLISH	DESIGN TEAM DISTRICT 3	CARROLL COUNTY	PROJECT NUMBER MP-030-3(720)85--76-14	SHEET NUMBER A.1

3:08:06 PM 10/1/2026 awiertz pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\1403006026\DistrictDesign\MP-030-3(720)85--76-14\CADD_Files\Sheet_Files\SHT_14030720_A01.dgn

Carroll County

END CONSTRUCTION
STA. 341+78
MP 89.21



BEGIN CONSTRUCTION
STA. 106+89
MP 84.71

LOCATION MAP SCALE

0 1 2 3

Miles

FILE NO. 98765	ENGLISH	DESIGN TEAM DISTRICT 3	CARROLL COUNTY	PROJECT NUMBER MP-030-3(720)85--76-14	SHEET NUMBER A.2

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ESTIMATED PROJECT QUANTITIES AND REFERENCE NOTES

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Roadway Items	
1	2528-8445110	TRAFFIC CONTROL	LS	1	Refer to Traffic Control Plan on Sheet 108-23A.
2	2528-8445113	FLAGGERS	EACH	0	See Proposal.
3	2528-8445115	PILOT CARS	EACH	0	See Proposal.
4	2528-8445116	FLAGGER WITH AFAD	EACH	0	
5	2529-5070110	PATCHES, FULL-DEPTH FINISH, BY AREA	SY	362.4	Refer to Tab. 102-6.
6	2529-5070120	PATCHES, FULL-DEPTH FINISH, BY COUNT	EACH	35	
7	2533-4980005	MOBILIZATION	LS	1	- -
8	2544-1001100	CLEANING AND FILLING CRACKS (PAVEMENT MAINTENANCE)	MILE	4.5	This work shall consist of cleaning and filling cracks in accordance with Std. Spec. 2544. Includes turn lanes, deducts bridges and approaches.
9	2544-1001200	CLEANING AND FILLING CRACKS (SHOULDER MAINTENANCE)	MILE	4.5	
10	2544-1003000	FILLER MATERIAL (MAINTENANCE)	GAL	2,250	Cracks shall be filled with filler material meeting the requirements of Article 4140, modified for CRS-2P. Quantity estimated at 500 gallons per two lane mile pavement.

100_01D
8/15/22

PROJECT DESCRIPTION

0.54 mi E of Olympic Ave in Carroll to Colorado St in Glidden.

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	14	US-30	1	84.87	93.18	2019	M	MP-000-3(729)0--76-00												HMA crack filling	S001920030E
2.0	14	US-30	1	84.87	93.18	2018	M	MP-000-3(729)0--76-00												HMA crack filling	S001920030E
3.0	14	US-30	1	84.87	93.18	2009		NHSX-030-2(136)--3H-14	HMA	2.0	HMA	2.0					FORT DODGE	C.LST.			S001920030E
4.0	14	US-30	1	84.87	93.18	1998		MP-30-(702)85--76-14	MSS								DELL RAPIDS	QUARTZ			S001920030E
5.0	14	US-30	1	84.87	93.18	1989		F-30-2(62)--20-14	AAC	2.0							GILMORE CITY-HAL	C.LST.			S001920030E
6.0	14	US-30	1	84.87	93.18	1978		MP-3891-69-14	AAC	1.0											S001920030E
7.0	14	US-30	1	84.87	93.18	1971		FN-30-2(14)--21-14	AAC	3.0							GILMORE CITY-HAL	C.LST.			S001920030E
8.0	14	US-30	1	84.87	93.18	1954		P-611*<2>	BAC	1.5							GILMORE CITY-MW	C.LST.			S001920030E
9.0	14	US-30	1	84.87	93.18	1930		P-611A	PC7	7.0							LE GRAND	C.LST.	1	DUR=0	S001920030E

STANDARDS

The following Standards apply to construction work on this project.

Number	Date	Title
PR-103	10-21-25	Full Depth PCC Patch with Dowels
PV-101	10-20-26	Joints
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

FULL-DEPTH PATCHES

Line No.	Count	Station	Direction of Travel	Side	Length (FT)	Width (FT)	Patch Thickness (IN)	Patch Repair or Finish	PCC Patch Type	PCC Patch Quantity (SY)	'CD' Joints (No.)	'CT' Joints (No.)	'EF' Joints PR-101 (No.)	Anchor Lugs Removal (No.)	Remarks
1.0	1	148+95.00	EB	R	8.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	10.7					
2.0	2	155+28.00	BOTH	B	6.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	16.0					
3.0	1	157+51.00	EB	R	8.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	10.7					
4.0	2	177+99.00	BOTH	B	6.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	16.0					
5.0	2	188+00.00	BOTH	B	8.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	21.3					
6.0	2	192+91.00	BOTH	B	8.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	21.3					
7.0	2	196+08.00	BOTH	B	8.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	21.3					
8.0	2	201+81.00	BOTH	B	8.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	21.3					
9.0	2	207+17.00	BOTH	B	8.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	21.3					
10.0	2	224+26.00	BOTH	B	8.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	21.3					
12.0	2	239+30.00	BOTH	B	8.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	21.3					
13.0	2	245+42.00	BOTH	B	8.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	21.3					
14.0	2	253+02.00	BOTH	B	8.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	21.3					
15.0	2	261+90.00	BOTH	B	8.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	21.3					
16.0	2	266+27.00	BOTH	B	8.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	21.3					
17.0	2	285+19.00	BOTH	B	6.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	16.0					
18.0	1	300+26.00	EB	R	8.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	10.7					
19.0	2	324+66.00	BOTH	B	10.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	26.7					
20.0	2	327+75.00	BOTH	B	8.0	12.0	18.5	Finish	PCC With Dowels (PR-103)	21.3					
Total	35									362.4					

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.

10/1/2026 10:57:22 AM alex.wiertzema@iowadot.us

108_23A

8/15/22

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 Tab. 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.