

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	General Notes
C.3	Standard Road Plans
C.4	Tabulation
J Sheets	Traffic Control and Staging Sheets
J.1	Traffic Control Plan
J.2	511 Traffic Restrictions
J.3	Coordinated Operations



PLANS OF PROPOSED IMPROVEMENT ON THE
PRIMARY ROAD SYSTEM
STATEWIDE COUNTY
PAVEMENT MARKINGS
Various Counties and Routes in District 2

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 and information

IA 187 - Fayette County	
JCT IA 3 to SECL Arlington	
DESIGN DATA RURAL	
20 24	AADT 1580 V.P.D.
20 -	AADT -- V.P.D.
20 -	DHV -- V.P.H.
TRUCKS	9.05 %
Total	
Design ESALs	--

IA 281 - Black Hawk & Buchanan Counties	
Co Rd D20 to SCL Dunkerton	
DESIGN DATA RURAL	
20 24	AADT 2930 V.P.D.
20 -	AADT -- V.P.D.
20 -	DHV -- V.P.H.
TRUCKS	13.96 %
Total	
Design ESALs	--

US 63 - Chickasaw County BI-DIRECTIONAL	
S JCT US 18 to 225th St	
DESIGN DATA RURAL	
20 24	AADT 5900 V.P.D.
20 --	AADT -- V.P.D.
20 --	DHV -- V.P.H.
TRUCKS	19.8 %
Total	
Design ESALs	--

US 65 - Worth County	
NCL Manly to SCL Kensett	
DESIGN DATA RURAL	
20 24	AADT 2210 V.P.D.
20 -	AADT -- V.P.D.
20 -	DHV -- V.P.H.
TRUCKS	13.12 %
Total	
Design ESALs	--

IA 9 - Worth County	
Fir Ave to Grouse Ave/Main St	
DESIGN DATA RURAL	
20 24	AADT 2210 V.P.D.
20 -	AADT -- V.P.D.
20 -	DHV -- V.P.H.
TRUCKS	20.95 %
Total	
Design ESALs	--

IA 3 - Butler County	
Co Rd T47 to JCT IA 188	
DESIGN DATA RURAL	
20 24	AADT 2450 V.P.D.
20 -	AADT -- V.P.D.
20 -	DHV -- V.P.H.
TRUCKS	14.9 %
Total	
Design ESALs	--

US 18 - Floyd/Chickasaw Counties	
Co Rd T66 to Chickasaw County Line	
DESIGN DATA RURAL	
20 24	AADT 2160 V.P.D.
20 -	AADT -- V.P.D.
20 -	DHV -- V.P.H.
TRUCKS	15.88 %
Total	
Design ESALs	--

US 63 - Howard County	
185th Street to Co Rd A46	
DESIGN DATA RURAL	
20 24	AADT 3940 V.P.D.
20 -	AADT -- V.P.D.
20 -	DHV -- V.P.H.
TRUCKS	29.64 %
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.

DUSTEN D. ROLANDO 5/29/2026

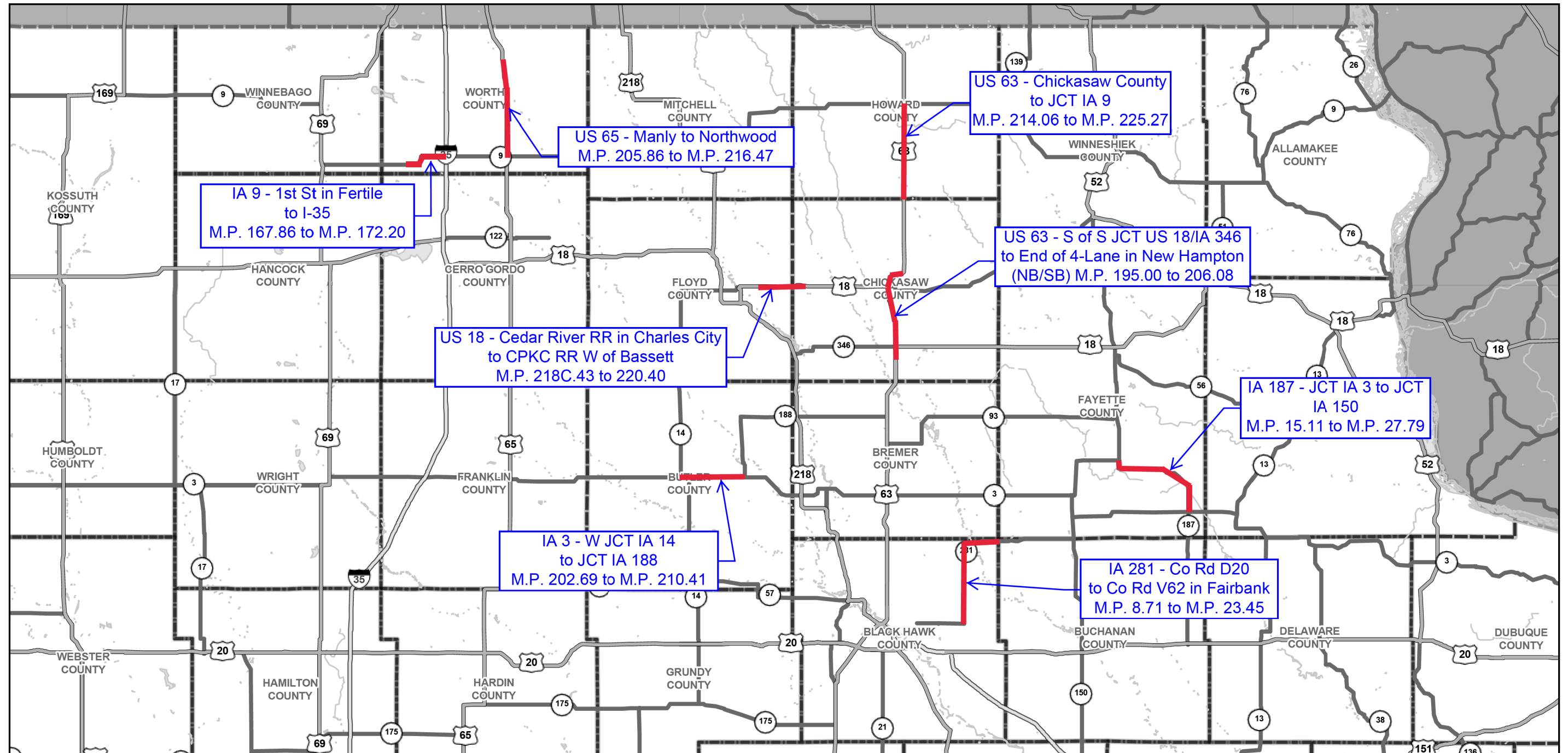
Signature DUSTEN D. ROLANDO Date

Printed or Typed Name

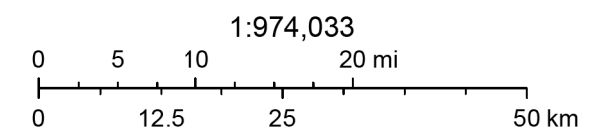
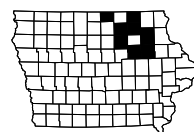
My license renewal date is December 31, 2027

Pages or sheets covered by this seal: A.1-A.2, C.1-C.4, J.1-J.3

District 2 Pavement Marking Locations



1/28/2026



ESTIMATED PROJECT QUANTITIES AND REFERENCE NOTES

Roadway Items : Roadway Items

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Roadway Items	
1	2527-9263209	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-BASED	STA	10,131.81	Refer to Tabulation 108-22 for additional information. Markings shall be paused at the SLW2 bar at Railroad Crossings. Refer to PM-240 for additional details.
2	2527-9270112	GROOVES CUT FOR PAVEMENT MARKINGS	STA	10,131.81	
3	2528-8445110	TRAFFIC CONTROL	LS	1	Refer to Tabulation 108-23A for additional information.
4	2533-4980005	MOBILIZATION	LS	1	--

253_01
9/28/22

MEDIAN CROSSOVER

The Contractor is prohibited from using any established or other type median crossover on this project unless specifically designated for the Contractor’s use by this plan.

262_04
9/28/22

AUTOMATIC TRAFFIC RECORDER

Automatic Traffic Recorder (ATR) installation(s) are located within this project’s construction limits US 18/US 63 MP 235.19. Notify the Iowa DOT’s Office of Systems Planning (telephone number 515-239-1664) a minimum of 7 days prior to working near the ATR installation(s). Transportation Data personnel will locate and mark the ATR(s) one time. Treat these ATR systems similar to other public utilities. The Contractor is responsible for paying for unapproved damage they have caused to the ATR system(s).

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 4/21/26 STANDARDS The following Standards apply to construction work on this project.		
Number	Date	Title
PM-110	10-15-24	Line Types
PM-115	04-15-25	Grooving for Line Types
PM-310	04-15-25	Entrance and Exit Ramps
PM-420	10-15-24	Two-Lane Roadway with no Turn Lanes (One-Way Stop Condition)
PM-520	10-15-24	Two-Lane Roadway with no Turn Lanes (Two-Way Stop Condition)
PM-521	10-15-24	Two-Lane Roadway with Right Turn Lanes
PM-522	10-15-24	Two-Lane Roadway with Left Turn Lanes
PM-560	10-15-24	Divided Multi-Lane Roadway with no Turn Lanes
PM-561	10-15-24	Divided Multi-Lane Roadway with Right Turn Lanes
PM-562	10-15-24	Divided Multi-Lane Roadway with Left Turn Lanes
PM-760	10-15-24	Divided Multi-Lane Roadway Median
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-233	10-17-17	Pavement Marking Operations Two-Lane
TC-402	04-18-23	Work Within 15 ft of Traveled Way
TC-433	10-17-17	Pavement Marking Operations

PAVEMENT MARKING LINE TYPES

108_22
11/25/25

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	YLV2: Yield Line (White) @ 1.15			

Line No.	Road ID	Begin Ref. Location Sign	End Ref. Location Sign	Lane	Marking Type	Left	Center	Right	Groove Marking Needed?	Groove Qty. (STA)	BLW6 Factored (STA)	CHW10 Factored (STA)	CHY10 Factored (STA)	DLW6 Factored (STA)	ELW6 Factored (STA)	ELY6 Factored (STA)	SLW6 Factored (STA)	Remarks
1.0	IA 3	202.69	210.41	2-Lane	Waterborne/Solvent Paint	x	x	x	Yes	832.76	6.72			4.50	796.25		25.29	Butler County
2.0	IA 9	167.86	172.20	2-Lane	Waterborne/Solvent Paint	x		x	Yes	442.33				2.31	438.00		2.02	Worth County
3.0	US 18	218C.43	220.4	2-Lane	Waterborne/Solvent Paint	x		x	Yes	659.13				0.48	658.65			Floyd/Chickasaw Counties
4.0	US 63	195	206.08	NB	Waterborne/Solvent Paint	x	x	x	Yes	1404.36	140.54	123.75	25.32	4.11	531.43	570.16	9.05	Chickasaw County
5.0	US 63	196.26	206.08	SB	Waterborne/Solvent Paint	x	x	x	Yes	1260.80	129.63	130.34	10.40	2.75	469.18	518.50		Chickasaw County
6.0	US 63	214.06	225.27	2-Lane	Waterborne/Solvent Paint	x		x	Yes	1167.93					1158.23		9.70	Howard County
7.0	US 65	205.86	216.47	2-Lane	Waterborne/Solvent Paint	x	x	x	Yes	1113.21				0.78	1093.22		19.21	Worth County
8.0	IA 187	15.11	27.79	2-Lane	Waterborne/Solvent Paint	x	x	x	Yes	1267.37				3.51	1259.60		4.26	Fayette County
9.0	IA 281	8.71	23.45	2-Lane	Waterborne/Solvent Paint	x	x	x	Yes	1983.92				0.72	1983.20			Black Hawk/Buchanan Counties
Total:										10131.81	276.89	254.09	35.72	19.16	8387.76	1088.66	69.53	

Centerlines that currently have rumble strips shall not be grooved or marked.
Grooving and marking operations shall continue through bridge approaches and decks for edge lines only.
Solid lines located at turn lanes are to be included with the grooving and marking operations.
Channelizing and dashed lines on US 63 in Chickasaw County at interchange gore areas are to be included with the grooving and marking operations. Refer to PM-310 for additional details.

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 3	2-Lane	Butler					None		No travel restrictions anticipated
2.0	IA 9	2-Lane	Worth					None		No travel restrictions anticipated
3.0	US 18	2-Lane	Floyd					None		No travel restrictions anticipated
4.0	US 18	2-Lane	Chickasaw					None		No travel restrictions anticipated
5.0	US 63	NB	Chickasaw					None		No travel restrictions anticipated
6.0	US 63	SB	Chickasaw					None		No travel restrictions anticipated
7.0	US 63	2-Lane	Howard					None		No travel restrictions anticipated
8.0	US 65	2-Lane	Worth					None		No travel restrictions anticipated
9.0	IA 187	2-Lane	Fayette					None		No travel restrictions anticipated
10.0	IA 281	2-Lane	Black Hawk					None		No travel restrictions anticipated
11.0	IA 281	2-Lane	Buchanan					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
BRF-281-1(052)--38-07	Bridge Replacement
BRF-187-1(034)--38-33	Bridge Replacement
BRF-063-8(70)--38-19	Bridge Deck Replacement
MP-018-2(717)218--76-34	HMA Joint/Crack Sealing