

Fog Seal
FM-CO23(148)--55-23

June 16, 2026

LETTING DATE

CLINTON COUNTY

Refer to the Proposal Form for list of applicable specifications.

PROJECT TRAFFIC CONTROL PLAN

THROUGH TRAFFIC WILL BE MAINTAINED DURING CONSTRUCTION. LOCAL TRAFFIC TO ADJACENT PROPERTIES WILL BE MAINTAINED AS PROVIDED FOR IN ARTICLE 1107.08, 2015 STANDARD SPECIFICATIONS PLUS CURRENT SUPPLEMENTAL SPECIFICATIONS. THIS ROAD WILL BE OPEN TO ONE LANE TRAFFIC DURING CONSTRUCTION.

Traffic control devices, procedures, layouts, signing, and pavement markings installed within the limits of this project shall conform to the "Manual on Uniform Traffic Control Devices for Streets and Highways" as adopted by the Department per 761 of the Iowa Administrative Code (IAC) Chapter 130.

PEDESTRIAN PATH CONTROL PLAN

PEDESTRIAN PATHS ARE NOT LOCATED ON THIS PROJECT.

STANDARD ROAD PLANS

STANDARD ROAD PLANS ARE LISTED ON SHEET C.01

04-30-02	101-4
DESIGN DATA RURAL	
2018 AADT	850 V.P.D.
2038 AADT	1020 V.P.D.
20 DHV	NA V.P.H.
TRUCKS	9 %
Total	
Design ESALs	383,394



Highway Division

PLANS OF PROPOSED IMPROVEMENT ON THE

FARM-TO-MARKET SYSTEM

CLINTON COUNTY

FM-CO23(148)--55-23

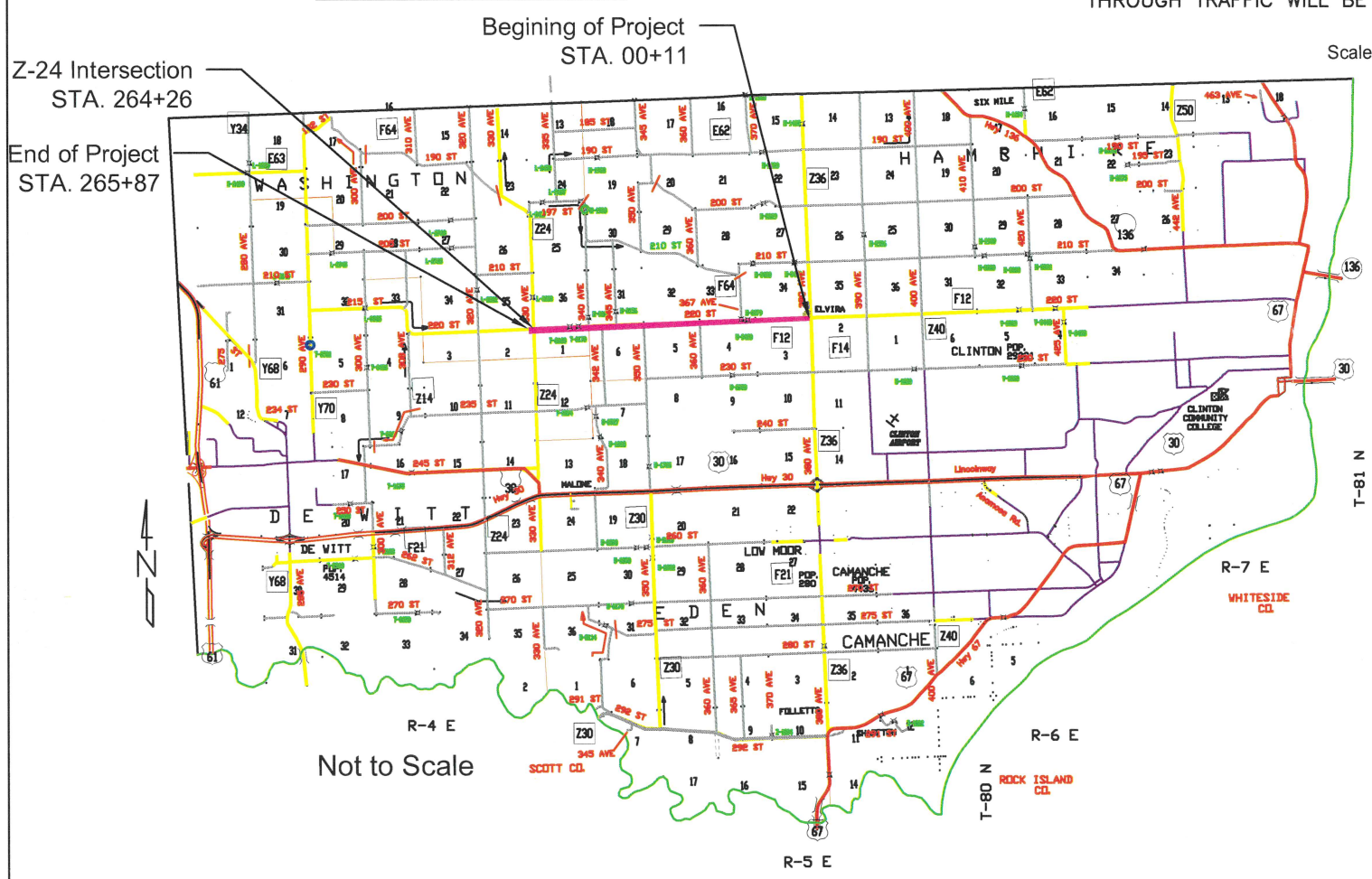
Fog Seal

2026

On F-12, from Z-36 West 5 miles to Z-24

THROUGH TRAFFIC WILL BE MAINTAINED DURING CONSTRUCTION

Scales: As Noted



Project Number: FM-CO23(148)--55-23

INDEX OF SHEETS

No.	Description
A.01	Title Sheet
B.01	Typical Cross Sections
C.01	General Information and Estimate of Quantities
D.01	Typical Details and Tabulations
TOTAL	4 Sheets

MILEAGE SUMMARY

Location	Lin. Ft.	Miles
Clinton County		
STA. 0+11 to STA. 265+87	2,6576	5.03
Deduct Bridge U-0480 at STA. 59+12	100	0.020
Deduct Bridge T-0160 at STA. 228+02	125	0.023
Deduct Bridge T-0160 Approaches STA. 227+22 and STA. 229+28	478	0.09
TOTAL PROJECT LENGTH	25,873.0	4.90



1-800-292-8989

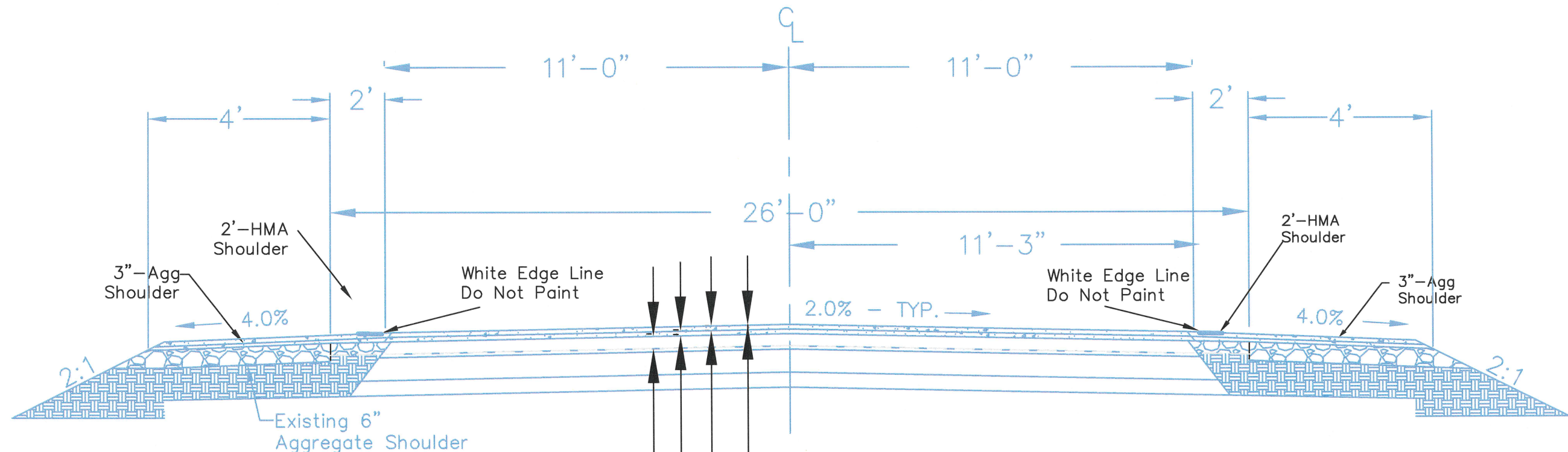
www.iowaonecall.com



Dan Srp		Chairperson
Erin George		Vice Chairperson
Jim Irwin		
Approved		
Board of Supervisors		
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.		
Todd J. Kinney 14455		Date 3/16/26
My license renewal date is December 31, 2027.		
Pages or sheets covered by this seal:		
A.01, B.01, C.01, D.01		

F12 (220th St.)

TYPICAL CROSS SECTION (AGGREGATE SHOULDERS)



- New Fog Seal (Place 26'-0" Wide in (2)13'-0" wide lanes. White Edgeline Not to be Sealed)
- Existing 1.5" HMA $\frac{1}{2}$ " Surface Course (place 13'-0" wide)
- Existing 1.5" HMA $\frac{1}{2}$ " Base Course (place 13'-3" wide)
- Existing 2.85" Cold In-Place Recycle (place 13'-6" wide)

LOCATION			SHOULDER TYPE
ROAD IDENTIFICATION	STATION TO STATION	SECTION	
F12 (220th St)	00+11	265+87	A
			HMA+AGG

ESTIMATE OF QUANTITIES				
ITEM CODE	REF. NO.	DESCRIPTION	UNITS	TOTAL QUANTITIES
2306-1000000	1	ASPHALT EMULSION FOR FOG SEAL (PAVEMENT)	GAL	4312.2
2527-9263209	2	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-BASED	STA	104.7
2528-8445110	3	TRAFFIC CONTROL	LS	1.0
2528-8445113	4	FLAGGERS	EACH	SEE PROPOSAL
2528-8445115	5	PILOT CAR	EACH	SEE PROPOSAL
2533-4980005	6	MOBILIZATION	LS	1.0

UTILITIES
WINDSTREAM COMMUNICATIONS: -- 507 S 4TH ST, CLINTON, IA 52732 --- 536-244-0958 GRAND MOUND COMMUNICATIONS --705 CLINTON STREET, GRAND MOUND, IA 52751--563-847-3000 EASTERN IOWA LIGHT & POWER: -- LARRY MORK --- 500 S 5TH ST DEWITT, IA 52742 --- 563-659-3146 ALLIANT ENERGY: JOHN MOOTZ -- 201 N. 2ND ST. CLINTON, IA 52732 -- 563-244-9620

GENERAL NOTES
CONTRACTOR TO INFORM UTILITIES AS TO THE CONSTRUCTION STARTING DATE. A PRE--CONSTRUCTION CONFERENCE WITH THE SUCCESSFUL BIDDER WILL BE HELD, NOT LESS THAN TWO WEEKS BEFORE STARTING THE PROJECT AND SHALL INCLUDE THE CONTRACTOR'S JOB SUPERINTENDENT. CONTRACTOR TO FURNISH, ERECT, AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL SIGNS ON A 24 HOUR, 7 DAY WEEK BASIS DURING THE CONSTRUCTION OF THIS PROJECT. CONSTRUCTION WILL BE SUSPENDED IN THE EVENT THAT ANY OF THE REQUIRED LEGIBLE TRAFFIC CONTROL SIGNS ARE NOT IN PLACE AND WILL REMAIN SUSPENDED UNTIL SUCH DEFICIENCY IS CORRECTED.

ESTIMATE REFERENCE INFORMATION	
REF. NO.	DESCRIPTION OF UNIT QUANTITIES
1	ASPHALT EMULSION FOR FOG SEAL (PAVEMENT): TARGET APPLICATION RATE OF 0.12 GAL/SY SHALL BE IN ACCORDANCE TO SPECIAL PROVISION FOR BITUMINOUS FOG SEAL CONTAINING GILSONITE (PAVEMENT). EXCEPT FRICTION MATERIAL SHALL BE APPLIED AT 0.35--0.50 POUNDS PER SQUARE YARD. FOG SEAL TO BE PLACED AT 26'-0" WIDE AND <u>NOT</u> COVER EXISTING GROOVED 6" WHITE EDGE LINE AT APPROXIMATELY 11'-3" FROM CENTERLINE ON BOTH SIDES OF ROAD.
2	PAINTED PAVEMENT MARKINGS: NO TEMPORARY PAINT MARKINGS REQUIRED. THE CONTRACTOR SHALL PAINT ONE STOP BAR LOCATED AT THE BEGINNING OF THE PROJECT, SEE TABULATION OF PAVEMENT MARKINGS BELOW FOR DETAILS AND LOCATIONS. PAVEMENT MARKINGS SHALL BE APPLIED AFTER ASPHALT EMULSION HAS FULLY CURED. NO PAVEMENT MARKING SIGNS SHALL BE PLACED AS REQUIRED WITHIN THE PROJECT LIMITS.
3-5	TRAFFIC CONTROL: TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE APPLICABLE SPECIFICATIONS FOR MAINTAINING THROUGH TRAFFIC DURING CONSTRUCTION.

STANDARD ROAD PLANS			
The following Standard Road Plans shall be considered applicable to construction work on this project.			
Number	Date	Sheets	
TC-213	04-18-23	1	Lane Closure with Flaggers
TC-214	04-18-23	1	Lane Closure with Flaggers for use with Pilot Cars
TC-233	10-17-17	2	Pavement Marking Operations, Two-Lane
TC-284	10-15-19	1	No Centerline Markings on Non-Primary Roadways

TABULATION OF PAVEMENT MARKINGS

- ①A YELLOW CENTER LINE BROKEN ON P.C. PAVEMENT

③A NO-PASSING ZONE LINE ON P.C. PAVEMENT

⑤ WHITE EDGE LINE 6"

⑨ WHITE CURB

⑬ STOP LINE
- ①B YELLOW CENTER LINE BROKEN ON A.C. PAVEMENT

③B NO-PASSING ZONE LINE ON A.C. PAVEMENT

⑥ YELLOW EDGE LINE

⑩ WHITE SEGMENT LINE DOTTED

⑭ CROSSWALK LINE
- ② YELLOW CENTER LINE BROKEN

④ DOUBLE YELLOW CENTER LINE

⑦ WHITE LANE LINE

⑪ YELLOW BARRIER LINE

⑫ WHITE GORE LINE

⑧ YELLOW CURB

⑫ WHITE GORE LINE

LOCATION				LENGTH (IN STATIONS)														REMARKS
ROAD IDENT.	STATION TO STATION	SIDE		①A	①B	②	③A	③B	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	
		L	R															
Clinton County	0+11 to 264+14	X	X		265.8			36.96									0.2	SEE DETAIL
F-12 (220th St.)																		
LENGTH SUBTOTALS					265.8			36.96									0.2	
QUANTITY FACTOR					0.25	0.25	0.25	1.0	1.0	2.0	1.5	1.0	2.0		0.33	2.0	6.0	1.5
TOTALS					66.5			36.96									1.2	

Notes: County will layout No Passing Zones. Design rate of 0.15 gal./S.Y.

