

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	D3 CRACK SEALING 2025-03	IROQUOIS	8	1
		ILLINOIS	CONTRACT NO. 66P29	

INDEX OF SHEETS

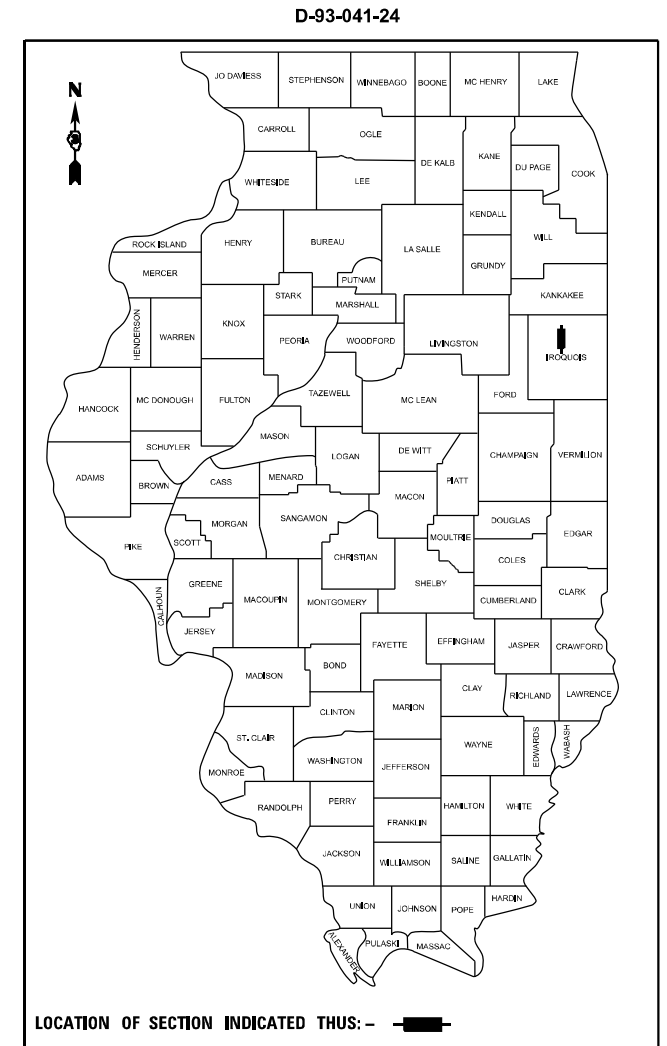
- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 SCHEDULES
- 6 LINE DIAGRAM
- 7-8 DETAILS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701901-09 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS

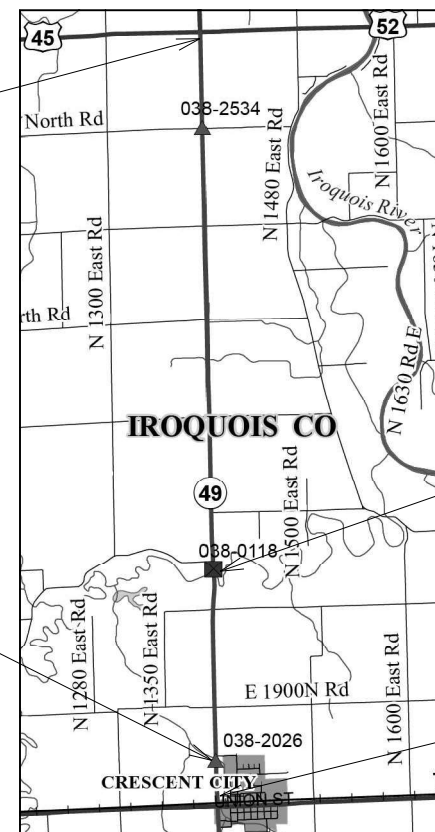
PROPOSED HIGHWAY PLANS

FAP 840 (IL 49) SECTION D3 CRACK SEALING 2025-03 PROJECT STP-LS94(444) CRACK & JOINT SEALING IROQUOIS COUNTY



C-93-077-24

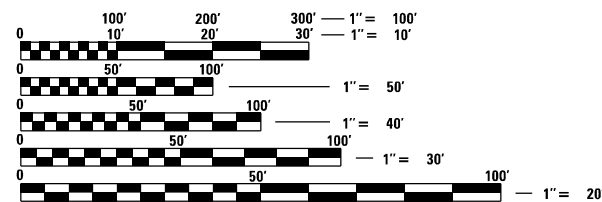
IMPROVEMENTS END
STA 820+47



SN. 038-0118 OMISSION
STA. 1119+27 - STA. 1122+71

SN. 038-2026
STA. 1222+00 -
STA. 1226+00

IMPROVEMENTS BEGIN
STA 1248+26



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: JOE KANNEL, PE
UNIT CHIEF: MOHAMED YOUSIF
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66P29

GROSS LENGTH = 42,779 FT. = 8.10 MILE
NET LENGTH = 42,035 FT. = 7.96 MILE

FUNCTIONAL CLASSIFICATION
MINOR ARTERIAL
2021 ADT = 4200
PV=90.6% SU=2.3% MU=7.1%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 26 20 24

Julia Thompson
REGIONAL ENGINEER

May 10, 2024 *[Signature]*
ENGINEER OF DESIGN AND ENVIRONMENT

May 10, 2024 *[Signature]*
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

THE INTENT OF THIS PROJECT IS TO ROUT AND SEAL WORKING TRANSVERSE CRACKS AND PRIMARY LONGITUDINAL CRACKS GREATER THAN 1/4" IN WIDTH. SECONDARY CRACKS GREATER THAN 1/4" IN WIDTH SHALL BE CLEANED AND SEALED.

THE CONTRACTOR SHALL NOT DISTURB THE EXISTING PAVEMENT MARKING OR RAISED REFLECTIVE PAVEMENT MARKERS. THE CONTRACTOR SHALL REPLACE AT NO ADDITIONAL COST TO THE DEPARTMENT, ANY PAVEMENT MARKING OR RAISED REFLECTIVE PAVEMENT MARKERS DAMAGED BY THEIR OPERATION.

THE ENGINEER SHALL DETERMINE WHETHER SECTIONS OF CRACKS SEALING SHOULD BE OMITTED IN ORDER TO AVOID DAMAGING THE PAVEMENT MARKING IN THOSE AREAS.

ALL PCC BRIDGE DECKS AND PAVEMENT SHALL BE OMITTED. BRIDGE DECKS WITH HMA OVERLAYS ARE TO BE SEALED ONLY (NO ROUTING).

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

CRACK FILLING	0.5	POUND/FOOT
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

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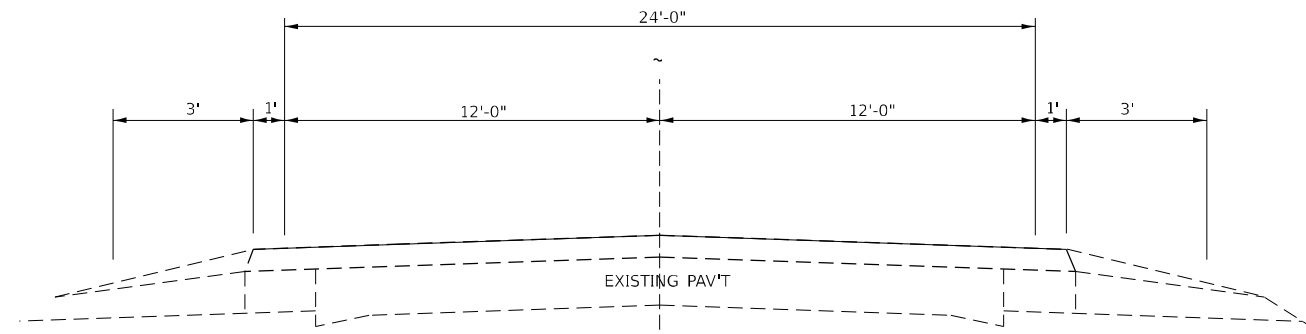
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

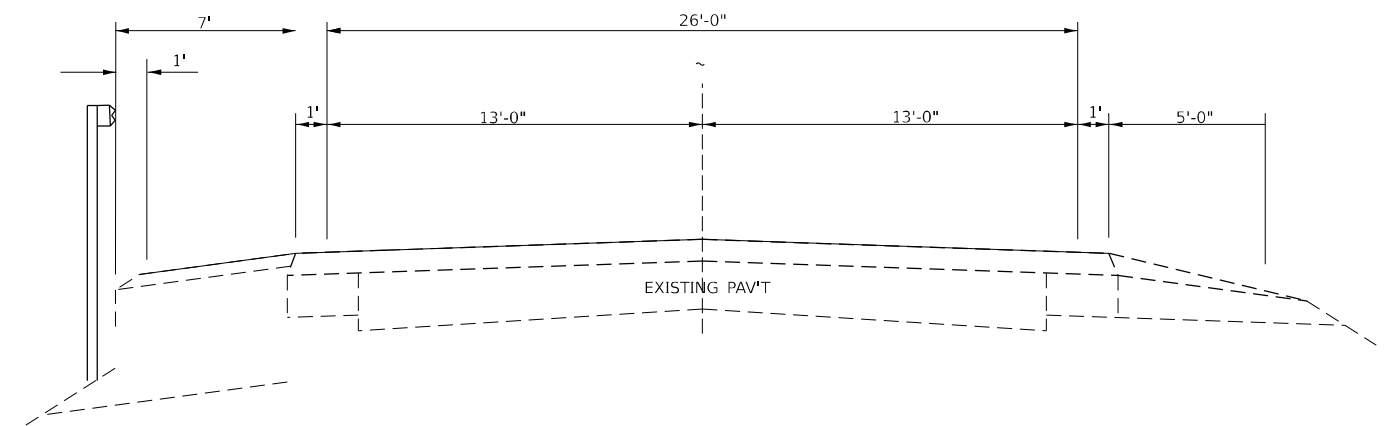
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	D3 CRACK SEALING 2025-03	IROQUOIS	8	2
CONTRACT NO. 66P29			ILLINOIS FED. AID PROJECT	



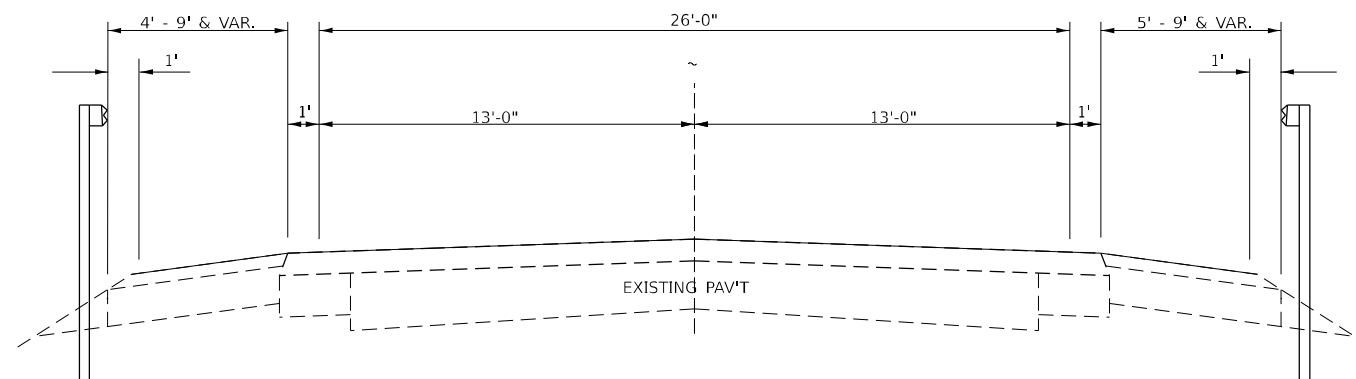
EXISTING TYPICAL SECTION 1

STA. 820+47 TO STA. 1113+59
 STA. 1122+71 TO STA. 1222+00
 STA. 1226+00 TO STA. 1248+26



EXISTING TYPICAL SECTION 2

STA. 1113+59 TO STA. 1114+56



EXISTING TYPICAL SECTION 3

STA. 1114+56 TO STA. 1119+27
 STA. 1119+27 TO STA. 1122+71 (SN. 038-0118 OMISSION)
 STA. 1222+00 TO STA. 1226+00

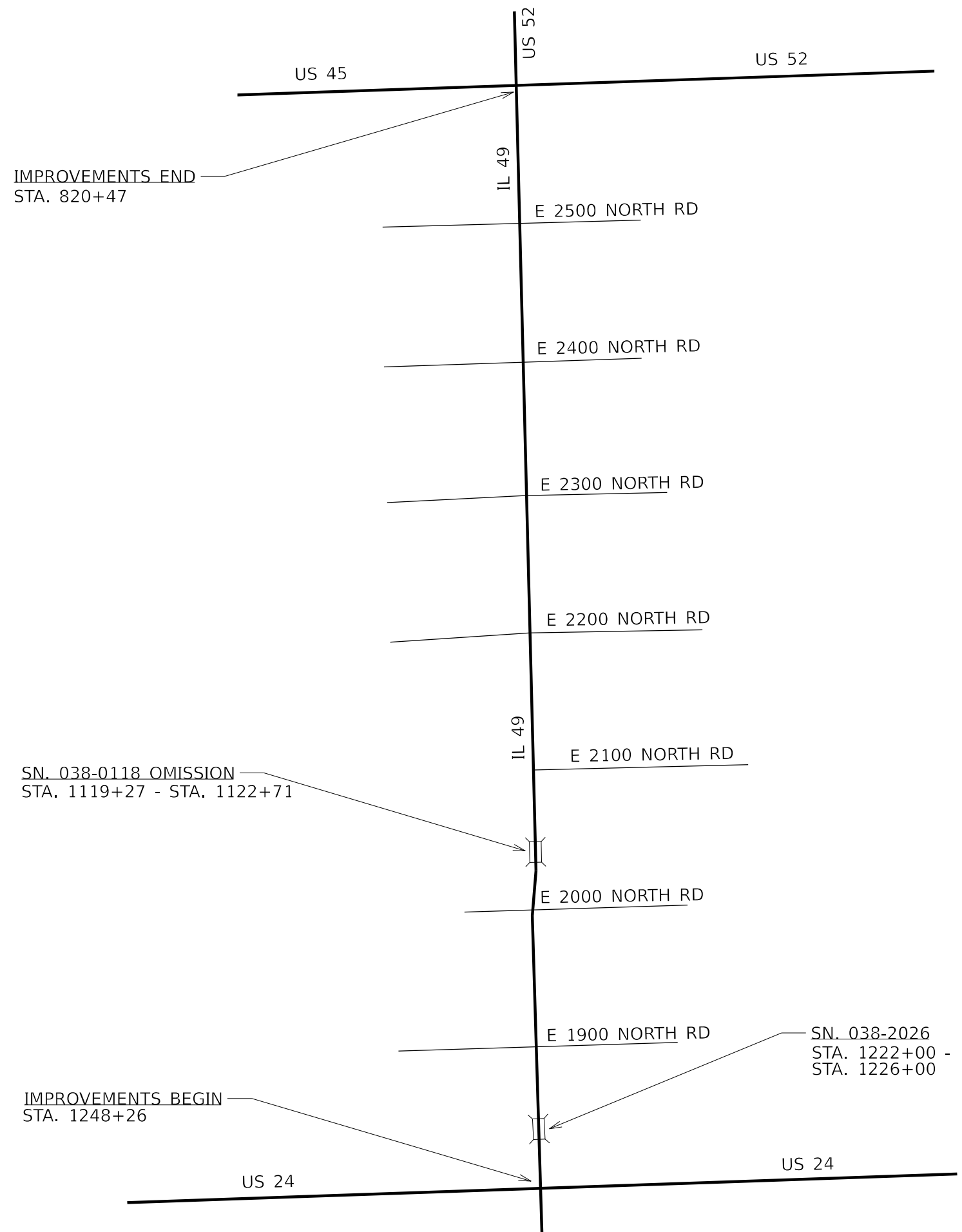
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET OF SHEETS		STA. TO STA.	
		TYPICALS			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	D3 CRACK SEALING 2025-03	IROQUOIS	8	4
CONTRACT NO. 66P29				
ILLINOIS FED. AID PROJECT				



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 49 LINE DIAGRAM	
SCALE:	SHEET OF SHEETS STA. TO STA.

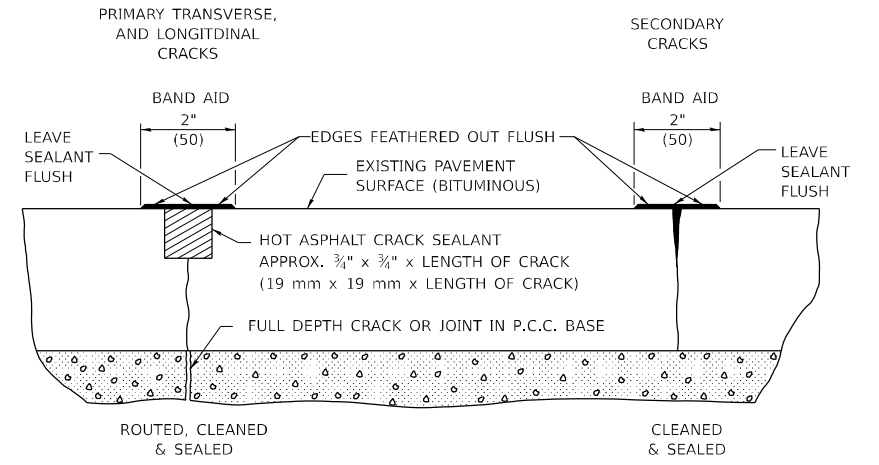
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840	D3 CRACK SEALING 2025-03	IROQUOIS	8	5
CONTRACT NO. 66P29				
ILLINOIS FED. AID PROJECT				

CRACK ROUTING AND SEALING SCHEDULE				
LOCATION	LENGTH	DESCRIPTION	CRACK ROUTING (PAVEMENT) *	CRACK FILLING
STATION	FOOT		FOOT	POUND
IL 49				
STA 820+47 TO STA 1028+83	20836	CENTERLINE + EDGE LINE	63,550	31,775
STA 1028+83 TO STA 1119+27	9044	CENTERLINE	9,496	4,748
STA 1028+83 TO STA 1122+71	9388	SN 038-0118 OMISSION		
STA 1122+71 TO STA 1222+00	9929	CENTERLINE	10,425	5,213
STA 1222+00 TO STA 1226+00	400	SN 038-2026 OMISSION		
STA 1226+00 TO STA 1248+26	2226	CENTERLINE	2,337	1,169
TOTAL	51823		85,809	42,905

*** EXTRA QUANTITY INCLUDED FOR TRANSVERSE CRACKS**

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	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						



CRACK SEALING HMA PAVEMENT DETAIL

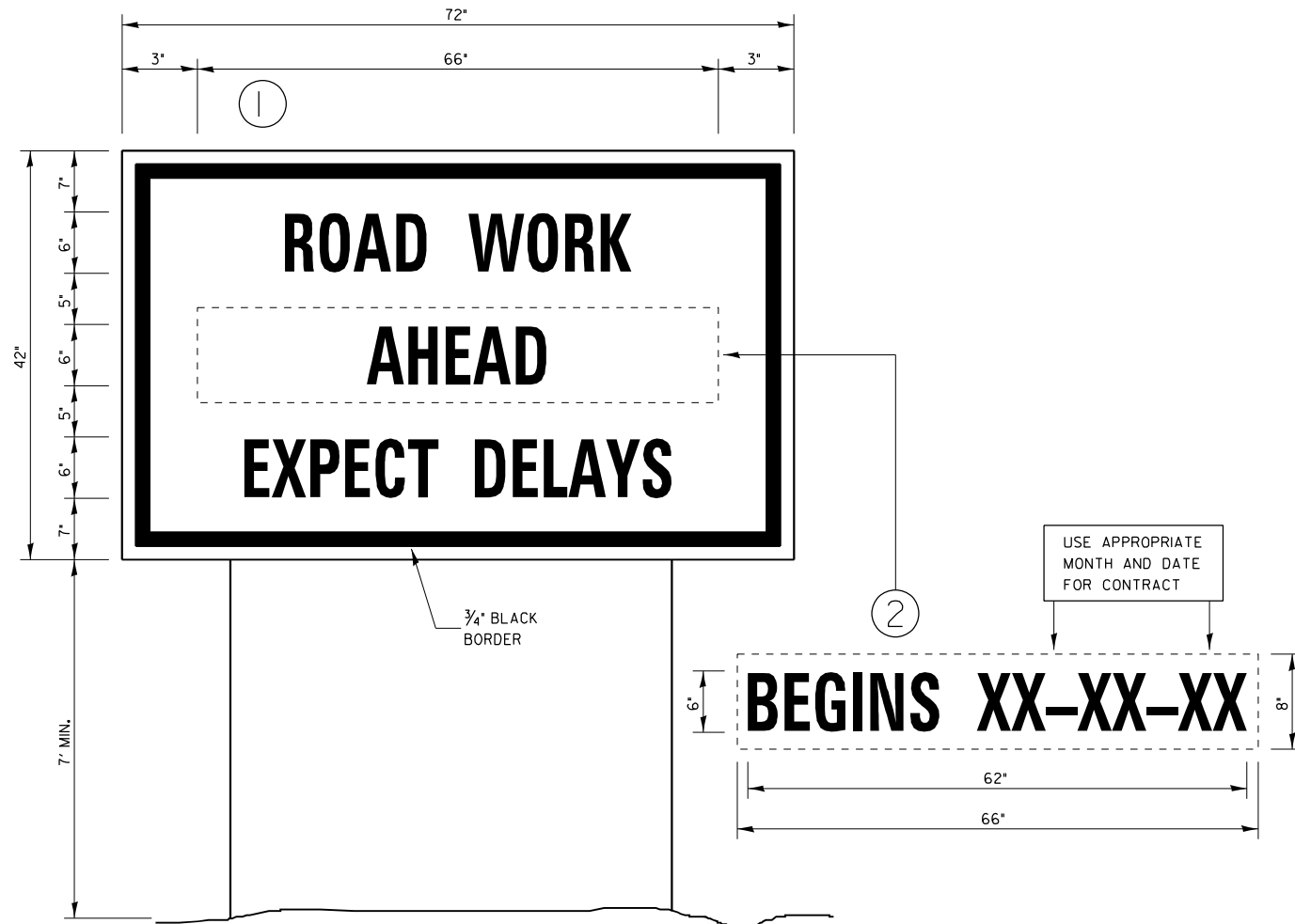
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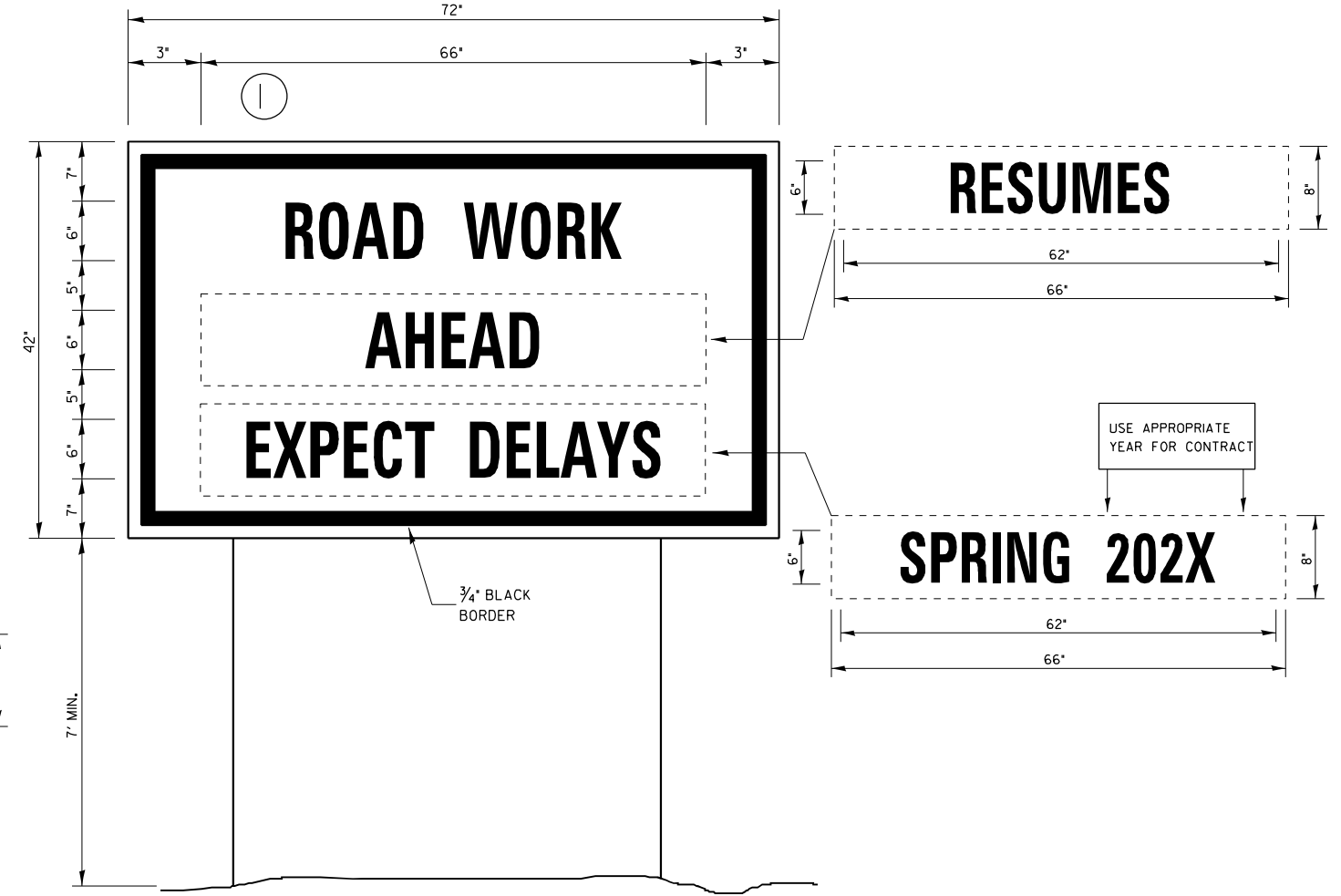
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETAILS			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	D3 CRACK SEALING 2025-03	IROQUOIS	8	7
CONTRACT NO. 66P29				
		ILLINOIS	FED. AID PROJECT	



TEMPORARY INFORMATION SIGNING



WINTER SHUT DOWN SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL 2 ② MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SO FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 2150 FT AND THE DATE PANEL 2 ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

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CONTRACT NO. 66P29				
ILLINOIS FED. AID PROJECT				