

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	D3 CRACK SEALING 2025-05	GRUNDY	9	1
		ILLINOIS	CONTRACT NO. 66P47	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 LINE DIAGRAM
- 4 SUMMARY OF QUANTITIES
- 5-6 TYPICAL SECTIONS
- 7 SCHEDULES
- 8-9 DETAILS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

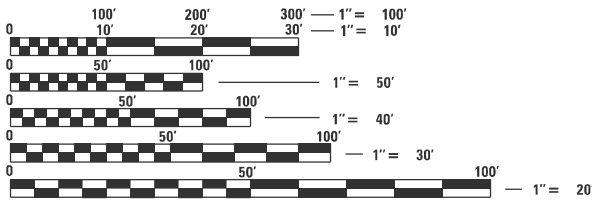
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701901-10 TRAFFIC CONTROL DEVICES

PROPOSED
HIGHWAY PLANS

FAS ROUTE 301 (IL 113)
SECTION: D3 CRACK SEALING 2025-05
PROJECT: STP-SFZP(080)
CRACK & JOINT SEALING
GRUNDY COUNTY

C-93-021-25

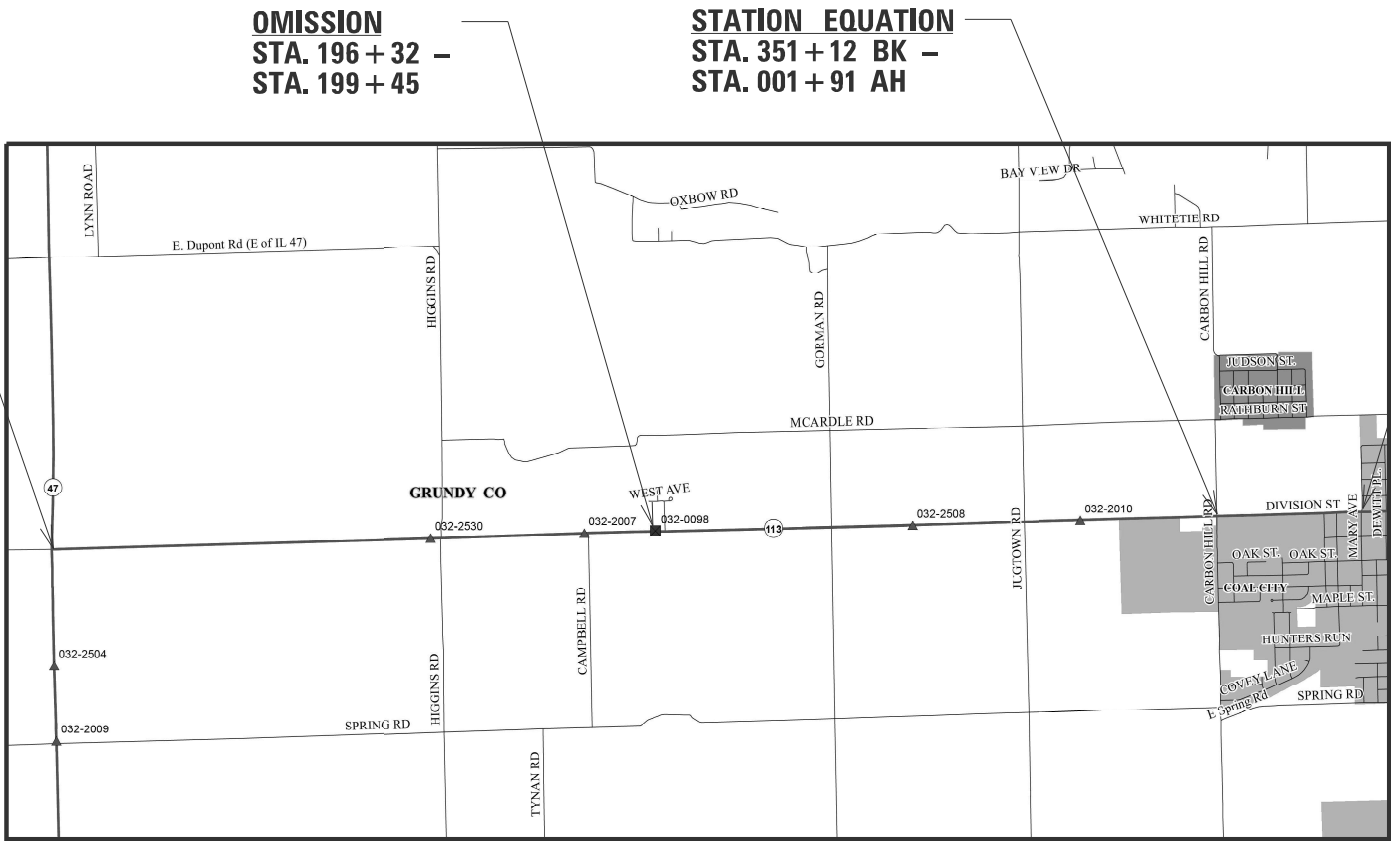
PROJECT START
STA. 34 + 00



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: JOSEPH KANNEL, PE
UNIT CHIEF: MOHAMED YOUSIF
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66P47



OMISSION
STA. 196 + 32 -
STA. 199 + 45

STATION EQUATION
STA. 351 + 12 BK -
STA. 001 + 91 AH



PROJECT END
STA. 41 + 98

GROSS LENGTH = 35,719 FT. = 6.76 MILE
NET LENGTH = 35,406 FT. = 6.71 MILE



FUNCTIONAL CLASSIFICATION
IL 113
Minor Arterial
2023 ADT =4450
PV=94% SU=3% MU=3%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 30, 2025
Trisha Thompson REGIONAL ENGINEER
March 21, 2025
Scott A. Etk ENGINEER OF DESIGN AND ENVIRONMENT
March 21, 2025
Yousif DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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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 RAISED REFLECTIVE PAVEMENT MARKERS. THE CONTRACTOR SHALL REPLACE AT NO ADDITIONAL COST TO THE DEPARTMENT, ANY 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	0.35	POUND/FOOT
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COMMITMENTS

NONE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

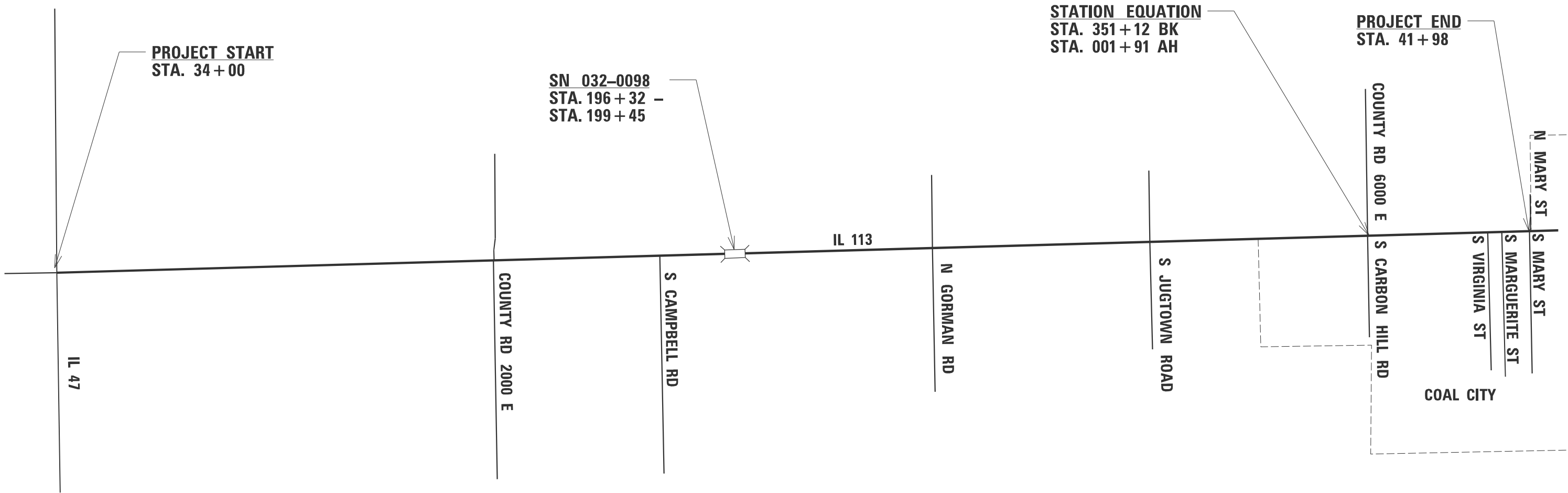
RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

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		DRAWN -	REVISED -						301	D3 CRACK SEALING 2025-05	GRUNDY	9	2
		CHECKED -	REVISED -						CONTRACT NO. 66P47				
	PLOT DATE = 1/29/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



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	DRAWN -	REVISED -
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PLOT DATE = 1/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 113			
SCALE:	SHEET	OF	SHEETS
STA. 34+00		TO STA. 41+98	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	D3 CRACK SEALING 2025-05	GRUNDY	9	3
CONTRACT NO. 66P47				
ILLINOIS		FED. AID PROJECT		

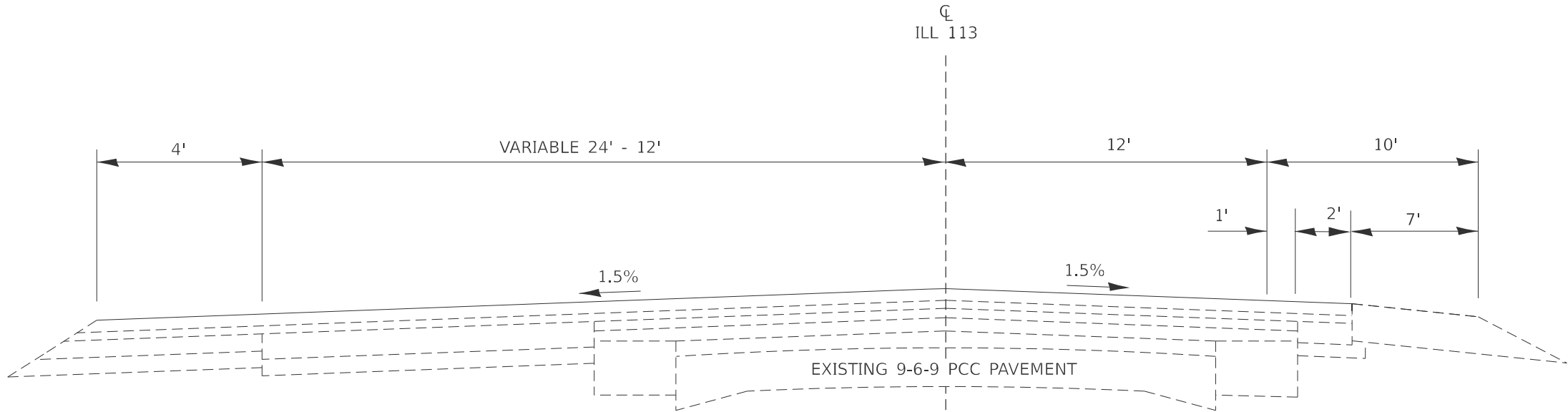
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	CONSTR. CODE
				STP-RUR	STBG 50-200K URB
				FED 80% STATE 20%	FED 80% STATE 20%
				ROADWAY	ROADWAY
				0005	0005
				RURAL	URBAN
45100100	CRACK ROUTING (PAVEMENT)	FOOT	121057	90793	30264
45100200	CRACK FILLING	POUND	42370	31778	10592
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	493	370	123
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	8044	6033	2011
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	42	21	21

*= SPECIALTY ITEM

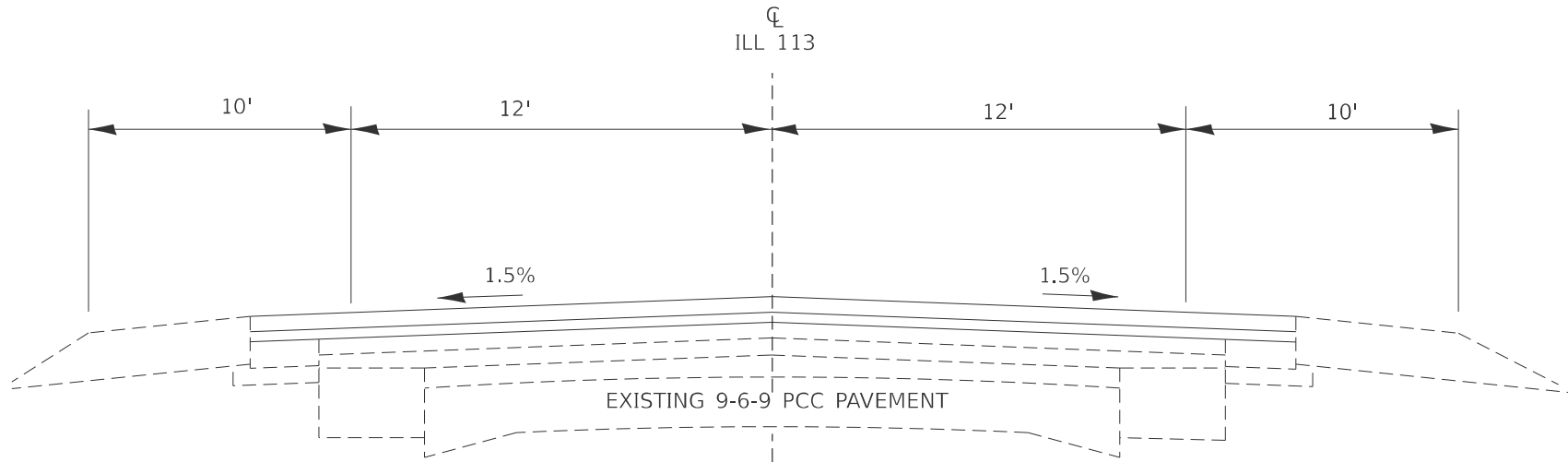
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		DRAWN -	REVISED -					301	D3 CRACK SEALING 2025-05	GRUNDY	9	4
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TYPICAL SECTION 1

STA 34+00 TO STA 38+85.49



TYPICAL SECTION 2

STA 38+85.50 TO STA 196+31.69
STA 202+42.74 TO STA 324+93.37 LT
STA 202+42.74 TO STA 341+04.26 RT

BRIDGE OMISSION - SN 032-0098
STA 196+32 TO STA 199+45
(STATIONS INCLUDE BRIDGE APPROACHES)

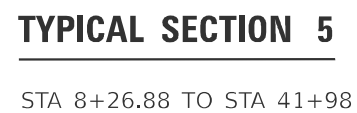
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PLOT DATE = 1/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 113 TYPICALS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	D3 CRACK SEALING 2025-05	GRUNDY	9	5
CONTRACT NO. 66P47				
ILLINOIS FED. AID PROJECT				



STATION EQUATION
STA 351+11 BK = STA 1+91 AH

USER NAME = Boudle,Shan	DESIGNED -	REVISED -	<div>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</div>	<div>IL 113 TYPICALS</div>				F.A.S. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						301	D3 CRACK SEALING 2025-05		GRUNDY	9	6
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PLOT DATE = 1/29/2025	DATE -	REVISED -						<div>ILLINOIS FED. AID PROJECT</div>					

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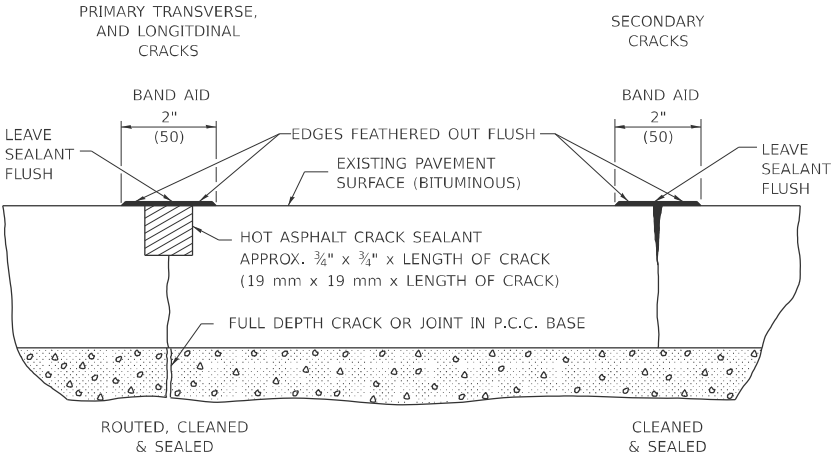
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CRACK SEALING SCHEDULE					
LOCATION		LENGTH	DESCRIPTION	* CRACK ROUTING (PAVEMENT)	CRACK FILLING
STATION		FOOT		FOOT	POUND
STA 034+00	TO STA 038+86	486	2X CENTERLINE	2333	817
STA 038+86	TO STA 196+32	15746	CENTERLINE	53536	18738
STA 196+32	TO STA 199+45	313	OMISSION SN 032-0098		
STA 199+45	TO STA 351+11 BK	15166	CENTERLINE	51564	18047
STA 001+91 AH	TO STA 041+98	4007	CENTERLINE	13624	4768
TOTAL		19659		121057	42370

* EXTRA QUANTITY INCLUDED
FOR TRANSVERSE CRACKS

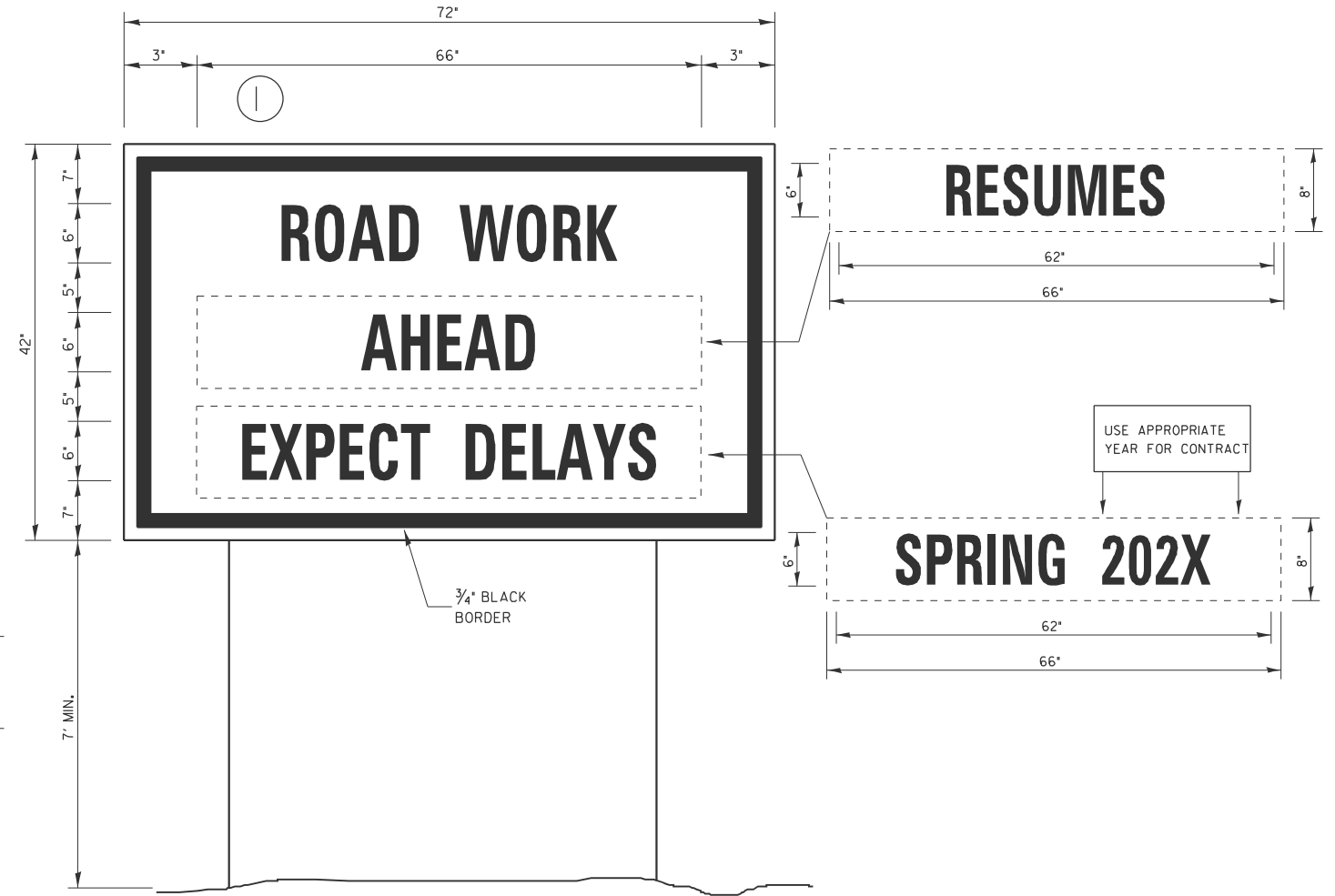
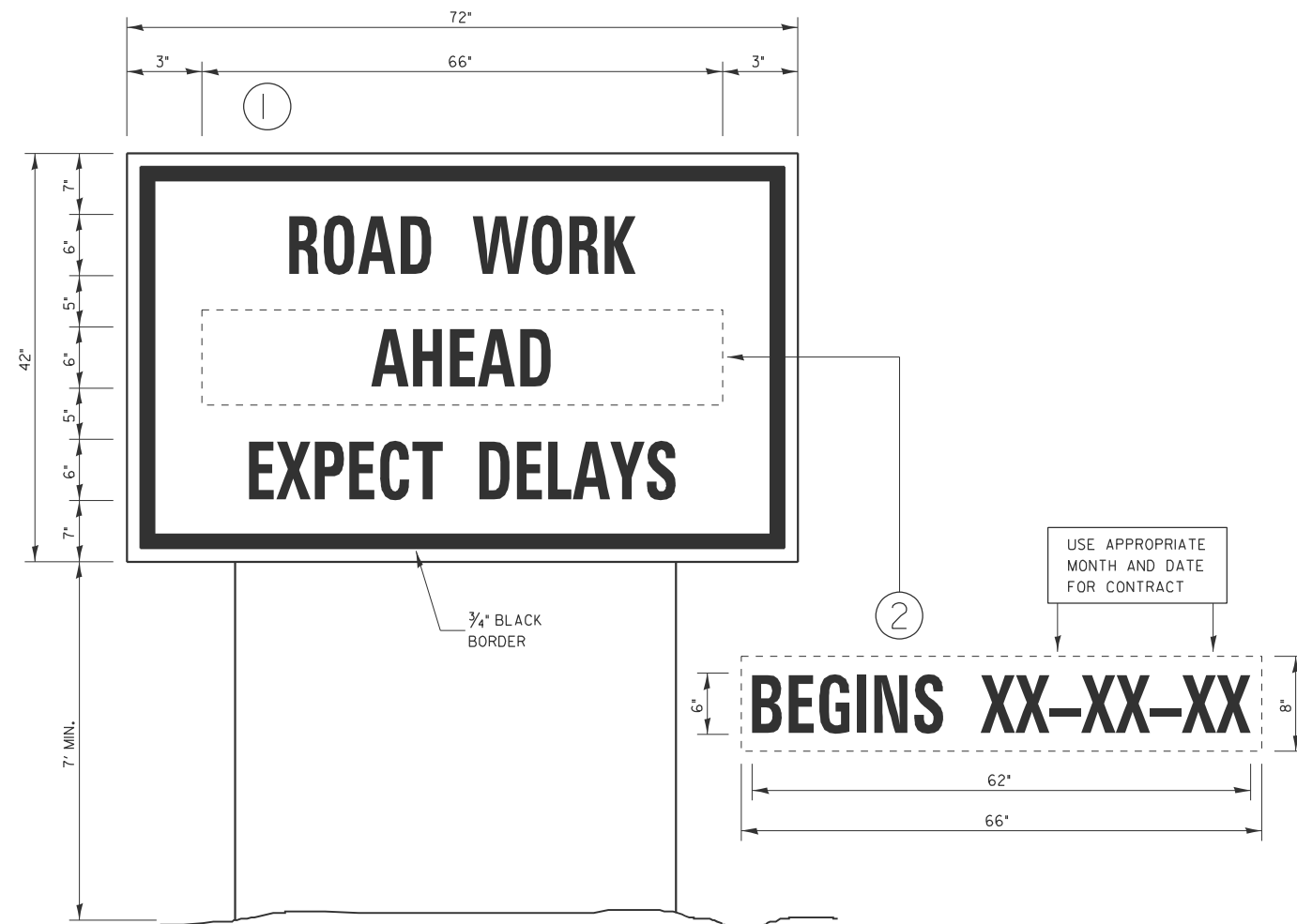
PAVEMENT MARKING SCHEDULE						
LOCATION			COMMENT	LENGTH	MODIFIED URETHANE	
					LINE 4"	LINE 6"
					NO PASS	SKIP DASH LINE
					YELLOW	YELLOW
STATION				FOOT		FOOT
STA 034+00	TO	STA 038+86	INTERSECTION	486		
STA 038+86	TO	STA 196+32	PASS	15746		3937
STA 196+32	TO	STA 199+45	OMMISSION	313		
STA 199+45	TO	STA 339+19	PASS	13974		3494
STA 339+19	TO	STA 351+11 BK	MFDIAN	1192		
STA 001+91 AH	TO	STA 017+44	MEDIAN	1553		
STA 017+44	TO	STA 022+37	WB NO PASS	493	493	123
STA 022+37	TO	STA 041+98	PASS	1961		490
TOTALS				35718	493	8044

Model Detail
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CRACK SEALING HMA PAVEMENT DETAIL

	USER NAME = Bourdie,Shan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS					F.A.S. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							301	D3 CRACK SEALING 2025-05		GRUNDY	9	8
	PLOT SCALE = \$\$SCALE\$	CHECKED -	REVISED -							CONTRACT NO. 66P47					
	PLOT DATE = 1/29/2025	DATE -	REVISED -												
						SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.			



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 A 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 SQ FT AS "TEMPORARY INFORMATION SIGNING".
EACH SIGN = 2150 FT AND THE DATE PANEL 2 ① WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

USER NAME = Bourdieu,Shan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 1/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	D3 CRACK SEALING 2025-05	GRUNDY	9	9
		CONTRACT NO. 66P47		
		ILLINOIS FED. AID PROJECT		