

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 CRACK & JOINT SEAL 2021	Various	10	1
ILLINOIS			CONTRACT NO. 68F76	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 COMMITMENTS/JOB SPECIFIC NOTES
- 3 SUMMARY OF QUANTITIES
- 4-5 SCHEDULE OF QUANTITIES
- 6-9 LOCATION MAPS & LINE DIAGRAMS
- 10 CADD STD.

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES
SECTION D4 CRACK & JOINT SEALING 2021
PROJECT NHPP-IEGE(986)
TYPE of IMPROVEMENT: PAVEMENT PRESERVATION
VARIOUS COUNTIES

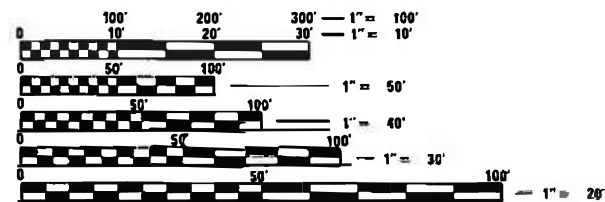
C-94-091-20

HIGHWAY STANDARDS

- 701400-10
- 701406-12
- 701411-09
- 701426-09
- 701427-05
- 701456-05
- 701901-08

DISTRICT STANDARDS

452001

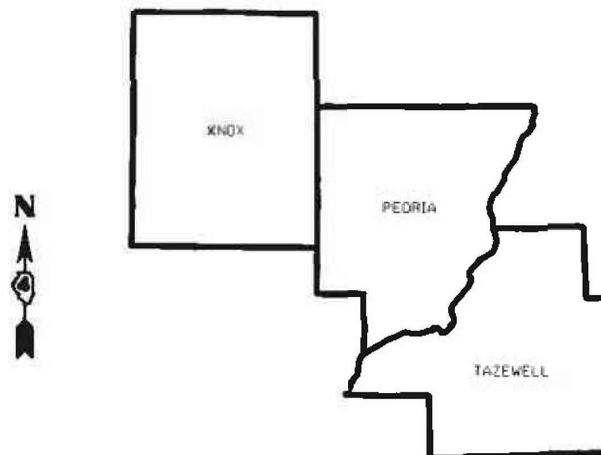


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

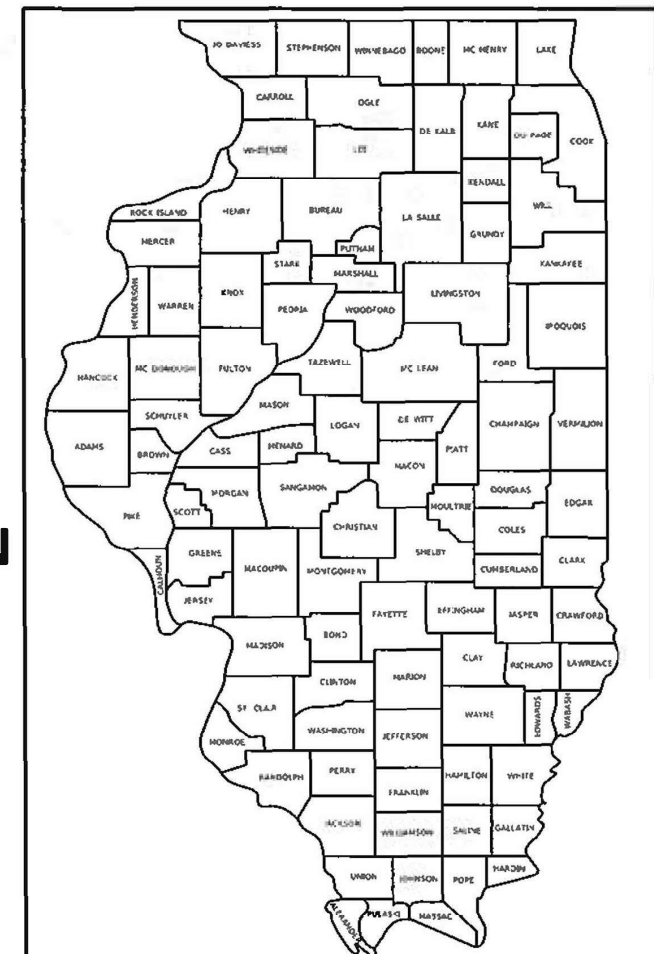
PROJECT ENGINEER: RICH DOTSON (309) 671-3455
PROJECT MANAGER: MICHAEL JACOBS (309) 671-3474

CONTRACT NO. 68F76



GROSS LENGTH = N/A
NET LENGTH = N/A

D-94-059-20



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

PROJECT DESCRIPTION
CRACK & JOINT SEALING
ON VARIOUS ROUTES IN
KNOX, PEORIA AND TAZEWELL
COUNTIES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 25, 2021
Paul G. Jones
REGIONAL ENGINEER

March 19, 2021
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2021
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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OF THE STATE OF ILLINOIS

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN CONSENT OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

JOB SPECIFIC NOTES

CARE SHALL BE EXERCISED TO KEEP SEALANT OFF EXISTING PAVEMENT MARKINGS. SEE NOTE ⑥ IN DISTRICT CADD STANDARD 452001-D4 (INCLUDED IN PLANS) REGARDING HOW TO TREAT CRACKS NEAR OR IN PAVEMENT MARKINGS. NOTIFY THE BUREAU OF OPERATION PRIOR TO APPLYING THE PAVEMENT MARKING:
 BILL HARRMANN 309-693-5173 (EAST) OR
 DARRYL HOLMES 309-693-5176 (WEST)

ALL DIRT AND DEBRIS CREATED BY THE ROUTING OPERATION SHALL BE CLEANED FROM THE PAVEMENT AND PAVED SHOULDERS AT THE END OF THE DAY'S OPERATIONS ACCORDING TO ARTICLE 107.15 OF THE STANDARD SPECIFICATIONS.

LOCATIONS FOR PROPOSED "CRACK ROUTING AND FILLING" ARE NUMBERED BY PRIORITY. LOCATIONS SHALL BE COMPLETED IN THIS ORDER ONLY.

LOCATION 2: I 474 EASTBOUND LANES
 NO LANE CLOSURES AFTER 3:30 PM BETWEEN SHADE-LOHMANN BRIDGE AND IL 29 BRIDGE,

FILE NAME :	USER NAME : letemove	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS & JOB SPECIFIC NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\planroom.dot,illinois.gov\PIDOT\Documents\IDOT Offices\District 4\Projects\04_68F76\Meta\CA0sheets\04xxxxx-sht-cover.dwg		CHECKED -	REVISED -			VAR.	D4 CRACK & JOINT SEAL 2021	VARIOUS	10	2
Default	PLOT SCALE = 400.0000' / in.	DATE -	REVISED -			CONTRACT NO. 68F76				
	PLOT DATE = 1/29/2021	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.

HOT SPRAY THERMOPLASTIC PAVEMENT MARKING *						
HOT SPRAY THERMOPLASTIC PAVEMENT MARKING			4"		6"	8"
LOCATION			WHITE	YELLOW	WHITE SKIP-DASH	WHITE SOLID
STA.	TO	STA.	FOOT		FOOT	FOOT
I-474						
TAZEWELL CO EASTBOUND						
STA. 97+46	TO	STA. 99+24	0.00	0.00	0.00	
STA. 99+24	TO	STA. 101+72	0.00	0.00	0.00	82.67
STA. 101+72	TO	STA. 105+25	0.00	0.00	0.00	706.00
STA. 105+25	TO	STA. 128+63	0.00	0.00	0.00	
STA. 128+63	TO	STA. 133+35	0.00	0.00	0.00	944.00
STA. 133+35	TO	STA. 135+12	0.00	0.00	0.00	59.00
STA. 135+12	TO	STA. 221+52	0.00	0.00	0.00	8,640.00
STA. 221+52	TO	STA. 227+51	0.00	0.00	0.00	199.67
STA. 227+51	TO	STA. 324+81	0.00	0.00	0.00	
STA. 324+81	TO	STA. 333+59	0.00	0.00	0.00	1,756.00
WESTBOUND						
STA. 97+46	TO	STA. 99+58	212.00	212.00	53.00	
STA. 99+58	TO	STA. 106+06	648.00	648.00	162.00	216.00
STA. 106+06	TO	STA. 110+82	476.00	476.00	119.00	952.00
STA. 110+82	TO	STA. 116+63	581.00	581.00	145.25	193.67
STA. 116+63	TO	STA. 122+19	556.00	556.00	139.00	1,112.00
STA. 122+19	TO	STA. 131+20	901.00	901.00	225.25	
STA. 131+20	TO	STA. 134+79	359.00	359.00	89.75	718.00
STA. 134+79	TO	STA. 137+15	236.00	236.00	59.00	78.67
STA. 137+15	TO	STA. 318+31	18,116.00	18,116.00	4,529.00	
I-474 / I-74 INTERCHANGE						
ROADWAY A						
STA. 00+00	TO	STA. 01+41	141.0	141.0	35.25	282.0
STA. 01+41	TO	STA. 51+40	4999.0	4999.0	1,249.75	
STA. 51+40	TO	STA. 53+25	185.0	0.0	46.25	185.0
ROADWAY B						
STA. 02+93	TO	STA. 04+51	0.0	158.0	39.50	158.0
STA. 04+51	TO	STA. 53+15	4864.0	4864.0	1,216.00	
STA. 53+15	TO	STA. 58+43	528.0	528.0	132.00	1056.0
STA. 58+43	TO	STA. 65+10	667.0	667.0	166.75	222.33
STA. 65+10	TO	STA. 79+55	1445.0	1445.0	361.25	
ROADWAY C						
STA. 15+50	TO	STA. 49+37	3387.0	3387.0		

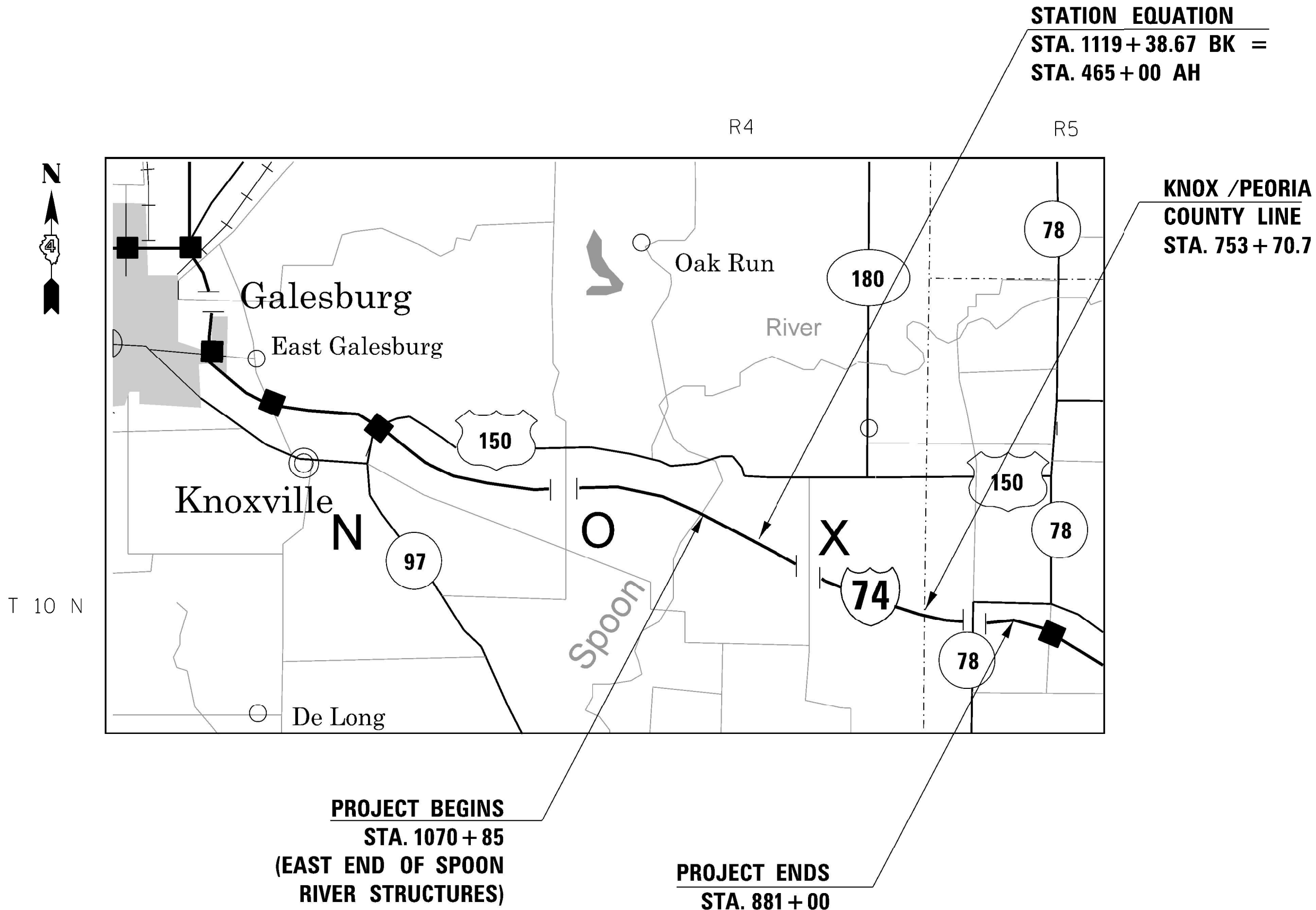
* Proposed pavement markings shall be in the same location as existings.

HOT SPRAY THERMOPLASTIC PAVEMENT MARKING *						
LOCATION			4"		8"	
			WHITE	YELLOW	WHITE SOLID	
TAZEWELL	STA.	TO	FOOT		FOOT	
I-474 / I-74 INTERCHANGE						
RAMP A						
	STA. 04+98	TO	STA. 20+00	1502.0	1502.0	
	STA. 20+00	TO	STA. 25+75	575.0	0.0	
RAMP E						
	STA. 05+50	TO	STA. 06+60	110.0	110.0	
	STA. 06+60	TO	STA. 08+46	186.0	186.0	
	STA. 08+46	TO	STA. 29+72	2126.0	2126.0	
I-474 / IL 29 INTERCHANGE						
RAMP A						
	STA. 00+50	TO	STA. 01+06	100.0	43.0	
	STA. 01+06	TO	STA. 16+94	1588.0	1588.0	
RAMP B						
	STA. 05+93	TO	STA. 18+36	1243.0	1243.0	
	STA. 18+36	TO	STA. 18+98	126.0	48.0	
RAMP C						
	STA. 07+65	TO	STA. 10+30	265.0	0.0	
	STA. 10+30	TO	STA. 18+40	810.0	810.0	
RAMP D						
	STA. 06+13	TO	STA. 12+83	670.0	670.0	
	STA. 12+83	TO	STA. 16+21	676.0	338.0	
	STA. 16+21	TO	STA. 17+05	178.4	71.3	
RAMP E						
	STA. 04+80	TO	STA. 06+60	180.0	0.0	
	STA. 06+60	TO	STA. 16+81	1021.0	1021.0	
SUB TOTAL				7511.4	6666.3	
TOTAL				14,178	1,347	

* Proposed pavement markings shall be in the same location as existings.

CRACK ROUTING AND FILLING*			
LOCATION			POUND
KNOX COUNTY			
LOCATION 1	I-74	I-74 FROM THE SPOON RIVER STRUCTURES TO PEORIA COUNTY LINE (INCLUDING THE RAMPS AT THE REST AREA)	86610
PEORIA COUNTY			
LOCATION 1	I-74	I-74 FROM THE PEORIA COUNTY LINE TO EAST OF IL 78	30681
TAZEWELL COUNTY			
LOCATION 2	I-474	I-474 FROM THE ILLINOIS RIVER TO I-74, WEST OF MORTON (INCLUDING THE RAMPS AT IL 29 AND I-74)	153956
TOTAL			271,247

*Approximate length of cracks/joints to be sealed only (no routing) is 514,600 feet.



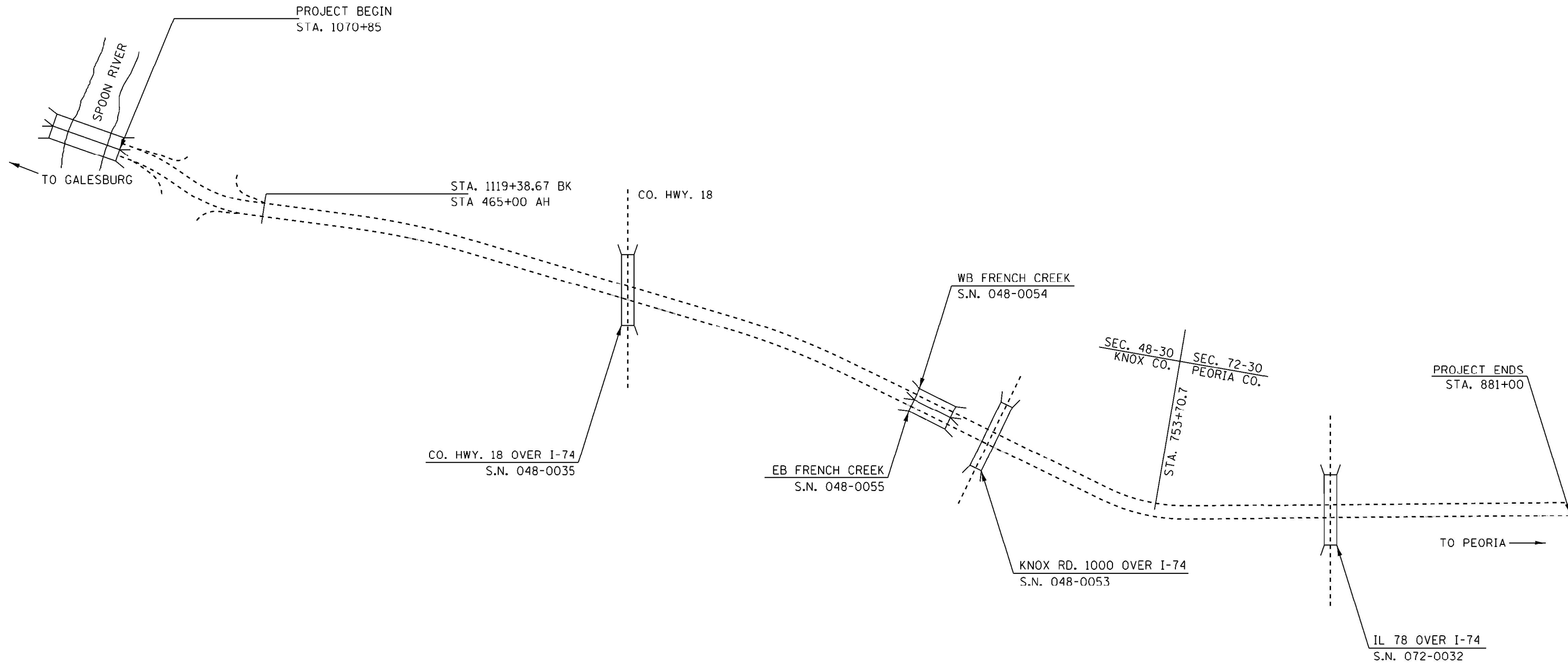
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	PLOT DATE = 1/29/2021	DATE -	REVISOR -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LOCATION 1 - I-74

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 CRACK & JOINT SEAL 2021	VARIOUS	10	6
			CONTRACT NO. 68F76	
ILLINOIS FED. AID PROJECT				



NOT TO SCALE

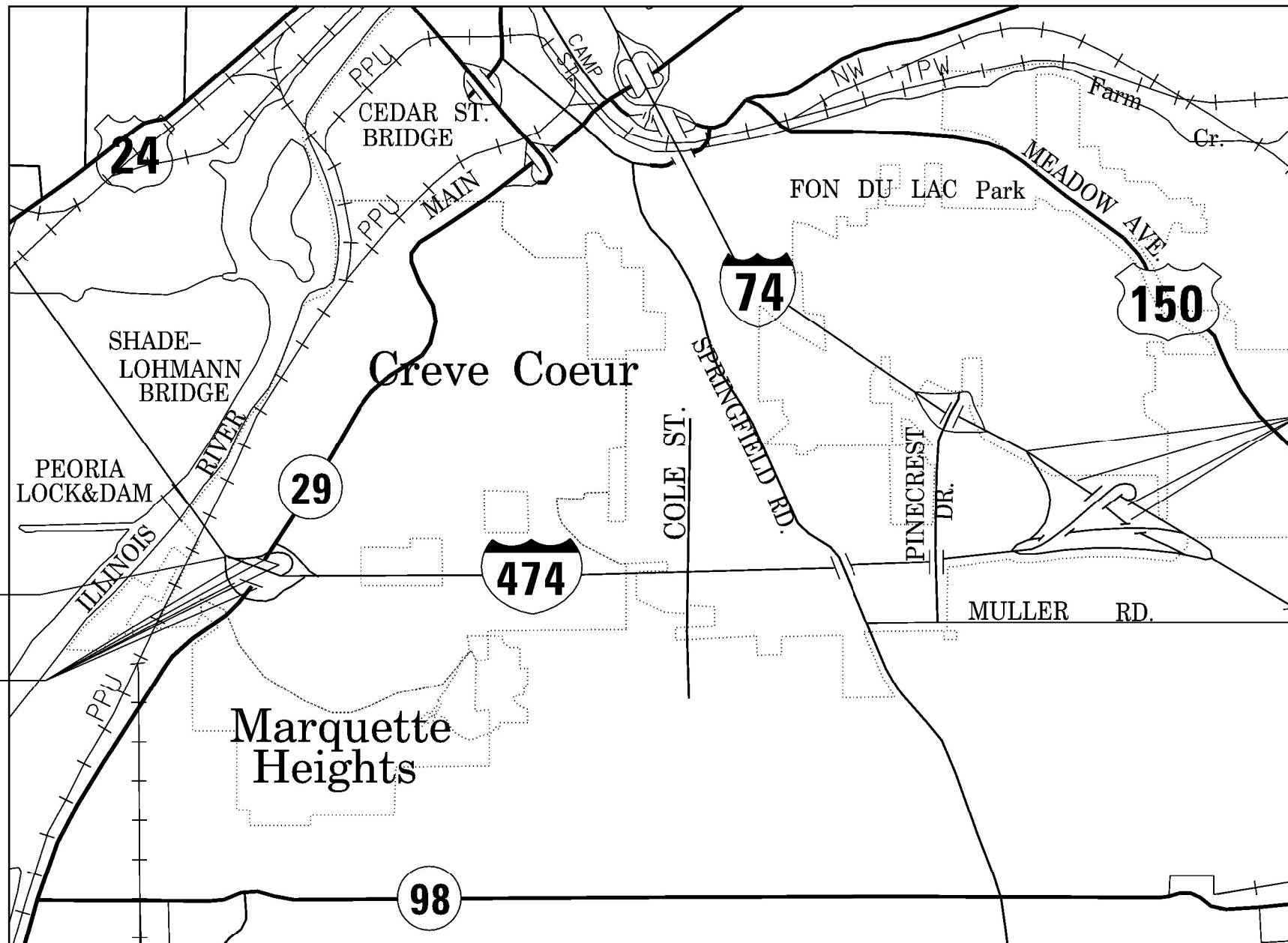
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	PLOT DATE = 1/29/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM - I-74

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	04 CRACK & JOINT SEAL 2021	VARIOUS	10	7
CONTRACT NO. 68F76			ILLINOIS FED. AID PROJECT	



PROJECT BEGINS:
 I-474
 STA. 97+46 TO STA. 333+59 EB
 STA. 97+46 TO STA. 318+31 WB

I-474 / IL 29 INTERCHANGE :
 RAMP A STA. 0+48 TO STA. 23+08
 RAMP B STA. 0+00 TO STA. 18+98
 RAMP C STA. 7+65 TO STA. 29+40
 RAMP D STA. 0+00 TO STA. 17+03
 RAMP E STA. 4+80 TO STA. 28+97

PROJECT ENDS:
 I-474 / I-74 INTERCHANGE:
 ROADWAY A STA. 00+00 TO STA. 53+25
 ROADWAY B STA. 2+93 TO STA. 79+55
 ROADWAY C STA. 0+00 TO STA. 49+37
 RAMP A STA. 4+98 TO STA. 25+75
 RAMP E STA. 5+50 TO STA. 41+69

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	PLOT DATE = 1/29/2021		

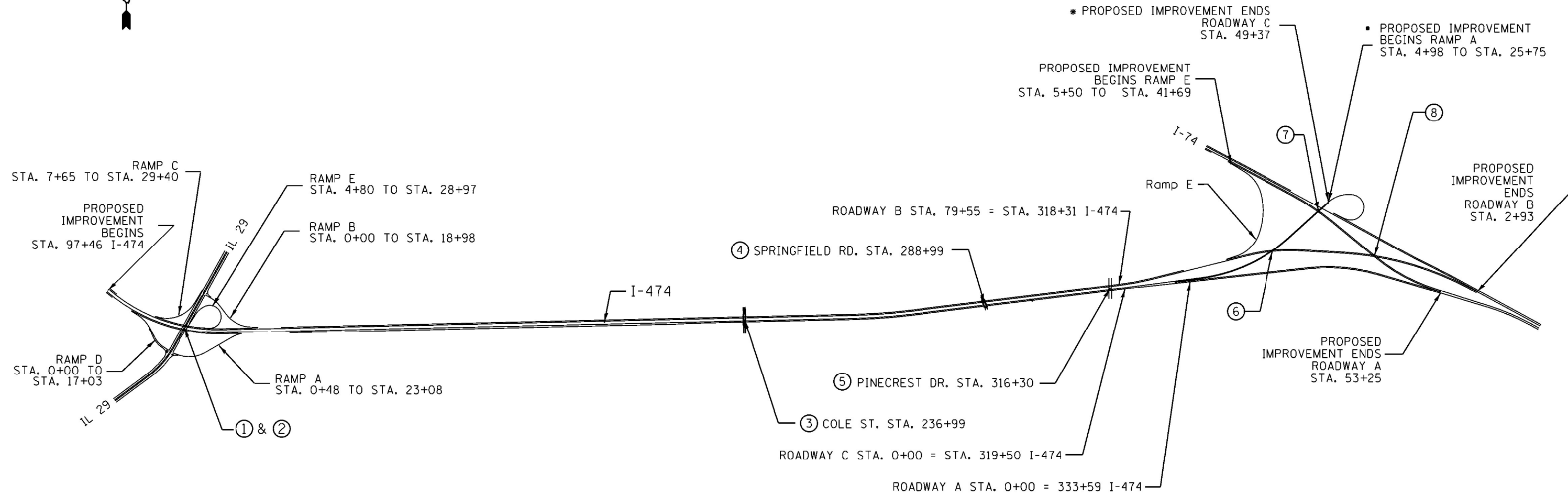
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION 2 - I-474

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 CRACK & JOINT SEAL 2021	VARIOUS	10	8
			CONTRACT NO. 68F76	
ILLINOIS FED. AID PROJECT				

* STA. 49+37 ROADWAY C = STA. 4+98 RAMP A



EXISTING STRUCTURES

- | | |
|---|--|
| ① I-474 E.B. over IL 29
S.N. 090-0106 | ⑤ Pinecrest Dr. over I-474
S.N. 090-0103 |
| ② I-474 W.B. over IL 29
S.N. 090-0107 | ⑥ Roadway C over Roadway B
S.N. 090-0118 |
| ③ Cole St. over I-474
S.N. 090-0105 | ⑦ Roadway C over I-74 (E.B.&W.B.)
S.N. 090-0119 |
| ④ Springfield Rd. over I-474
S.N. 090-0104 | ⑧ Roadway B over I-74 (E.B.)
S.N. 090-0102 |

NOT TO SCALE

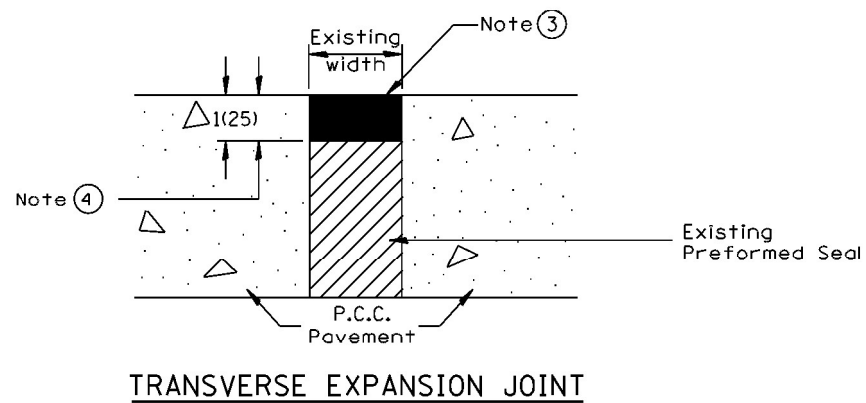
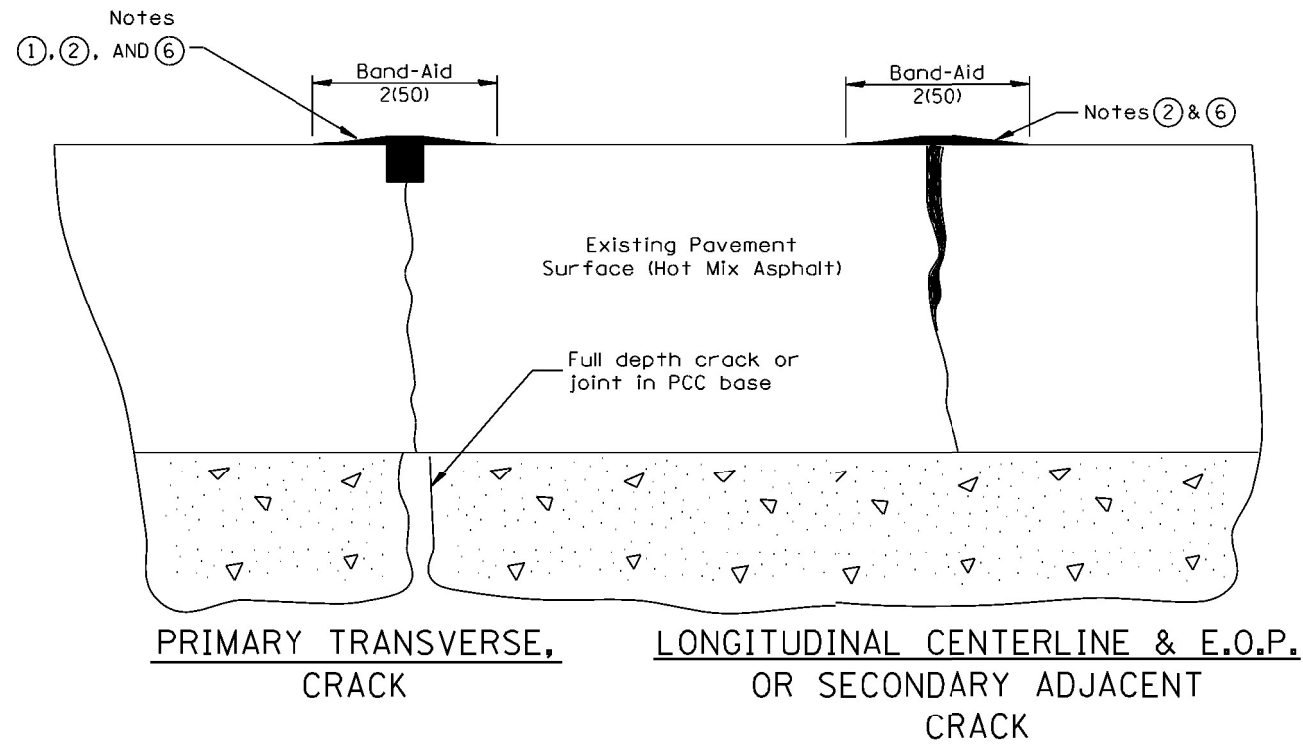
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM - I-474

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 CRACK & JOINT SEAL 2021	VARIOUS	10	9
			CONTRACT NO. 68F76	
ILLINOIS FED. AID PROJECT				



NOTES

- ① Route or saw to 3/4(20) wide by 3/4(20) deep; (1:1 ratio).
- ② Overfill with sealant; squeegee to provide 2 (50) wide flush "band-aid" effect; feather edges flush.
- ③ Seal flush without "band-aid" effect.
- ④ Route to 1(25) depth; clean and reface walls.
- ⑤ Crack and Joint Sealing shall conform to Section 451 and 452
- ⑥ The "Band Aid" width shall be reduced or eliminated in areas adjacent to existing pavement markings as directed by the Engineer.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-36.01, NEW REVISE BOX	T.P.	01-05-21	REVISED	R.D.
05-01-97	REVISED	E.T.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			
01-01-17	REVISED	R.D.			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CRACK AND JOINT SEALING

NOT TO SCALE

CADD STD. 452001-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 CRACK & JOINT SEAL 2021	VARIOUS	10	10
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68F76	