

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
623/68	(1Z,1,1R,2)CJS&(30,31)CJS	LASALLE	12	1
		ILLINOIS	CONTRACT NO. 66M73	

INDEX OF SHEETS

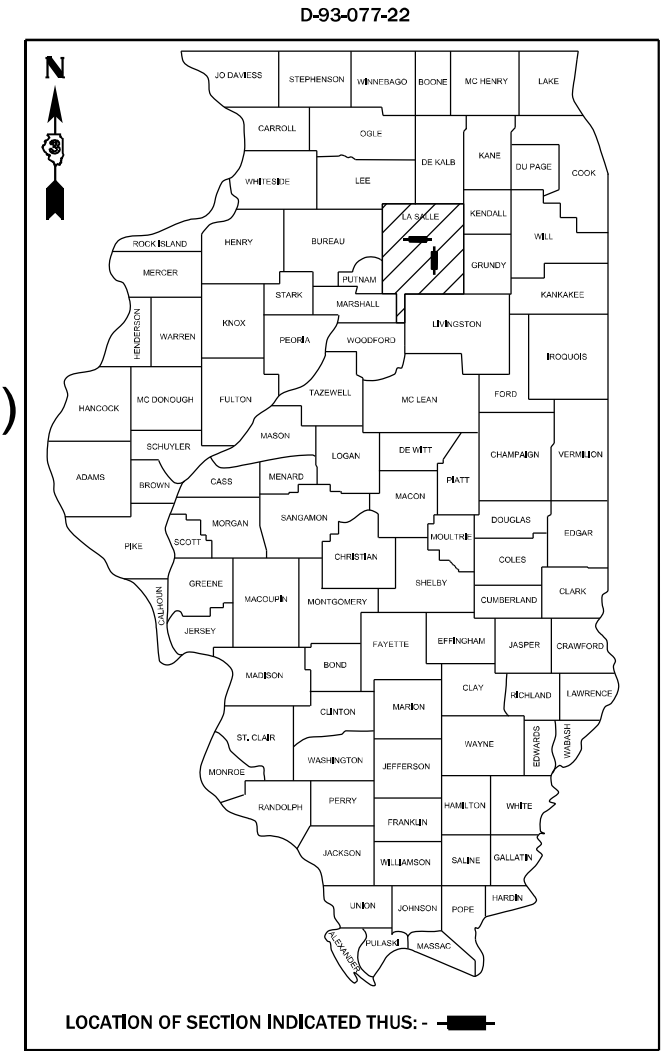
- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4-7 TYPICAL SECTIONS
- 8-9 LINE DIAGRAM
- 10 SCHEDULE
- 11-12 DETAILS

**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 667101-02 PERMANENT SURVEY MARKERS
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701901-08 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS

# PROPOSED HIGHWAY PLANS

## FAP ROUTE 68 (IL 23), FAP ROUTE 623 (US 6) SECTION (1Z,1,1R,2)CJS&(30,31)CJS PROJECT NHPP-STP-GY7E(923) CRACK & JOINT SEALING LASALLE COUNTY



US 6 IMPROVEMENT BEGINS  
STA. 288+08.59

C-93-097-22

US 6 IMPROVEMENT ENDS  
STA. 1615+42.7

SN 050-2589  
STA. EQUATION:  
STA. 470+57.97 (BK)=  
STA. 1431+24.19 (AH)

IL 23 IMPROVEMENT ENDS  
STA 727+60

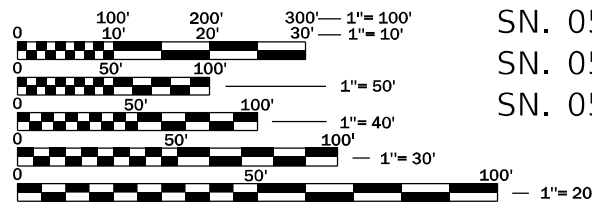
RAILROAD OMISSION  
STA 654+35  
TO STA 655+44

STRUCTURE ON US 6:  
SN. 050-2016 / STA. 321+95  
SN. 050-2589 / STA. 467+00  
SN. 050-2590 / STA. 1556+75.5  
SN. 050-2591 / STA. 1569+08.4

SN 050-0047 OMISSION  
STA 625+09.81  
TO STA 627+57.08

STRUCTURE ON IL 23:  
SN. 050-2617 / STA 640+09  
SN. 050-2618 / STA 493+87  
SN. 050-0048 / STA 542+97  
SN. 050-2582 / STA 461+94  
SN. 050-2581 / STA 454+32  
SN. 050-2579 / STA 378+40  
SN. 050-2578 / STA 341+44.5  
SN. 050-2580 / STA 326+30.5

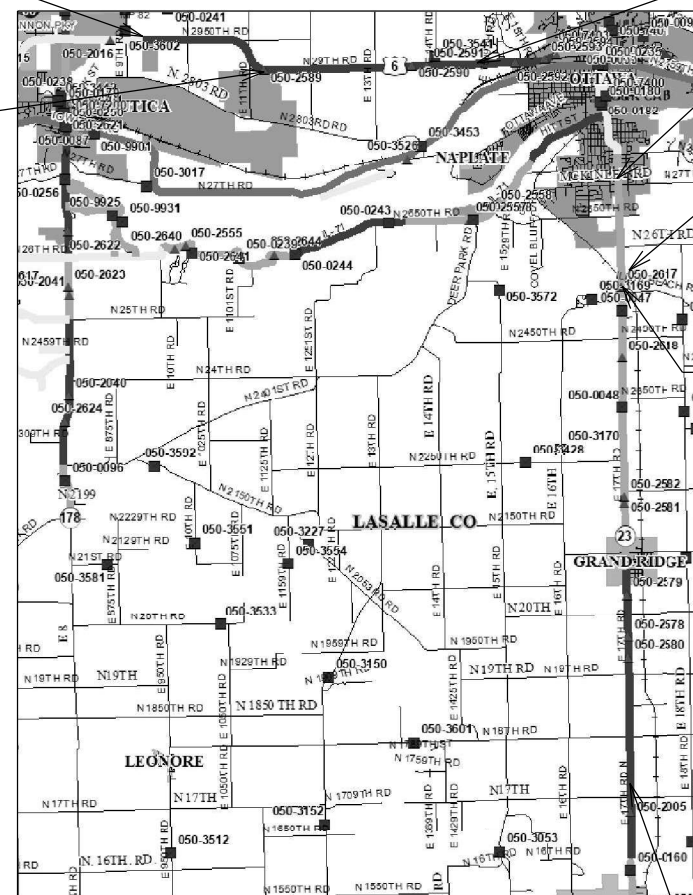
LASALLE COUNTY US 6	LASALLE COUNTY IL 23
FUNCTIONAL CLASSIFICATION- MINOR COL NON-URB 2021 ADT=5550 PV=86.58% SU=4.97% MU=8.45%	FUNCTIONAL CLASSIFICATION- MAJOR COL NON-URB 2019 ADT=6300 PV=91% SU=3.49% MU=5.51%



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: BRAD DUNCAN P.E.  
UNIT CHIEF: MOHAMED YOUSIF  
DISTRICT 3 NO. (815) 434-6131  
CONTRACT NO. 66M73



GROSS LENGTH = 86,747.89 FT. = 16.43 MILE  
NET LENGTH = 86,491.62 FT. = 16.38 MILE

IL 23 IMPROVEMENT BEGINS  
STA 226+80

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 21 2022

*[Signature]* REGIONAL ENGINEER  
December 9, 2022

*[Signature]* ENGINEER OF DESIGN AND ENVIRONMENT  
December 9, 2022

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

PLAN DIMENSIONS AND DETAIL RELATIVE TO THE EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION OF ORDERING OF MATERIALS, SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY FURNISHED BASED UPON THE UNIT BID PRICE.

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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**COMMITMENTS**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE  
AS BUILT INFORMATION

\_\_\_\_\_  
SUPERVISING CONSTRUCTION FIELD ENGINEER

\_\_\_\_\_  
RESIDENT ENGINEER / TECHNICIAN

START & END DATES  
OF CONSTRUCTION:

INSPECTORS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

PREPARED BY: \_\_\_\_\_  
DISTRICT STUDIES & PLANS ENGINEER

DATE: \_\_\_\_\_

EXAMINED BY: \_\_\_\_\_  
DISTRICT CONSTRUCTION ENGINEER

\_\_\_\_\_  
DISTRICT MATERIALS ENGINEER

\_\_\_\_\_  
DISTRICT OPERATIONS ENGINEER

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
623/68	(1Z,1,1R,2)CJS&(30,31)CJS	LASALLE	12	2
CONTRACT NO. 66M73			ILLINOIS FED. AID PROJECT	

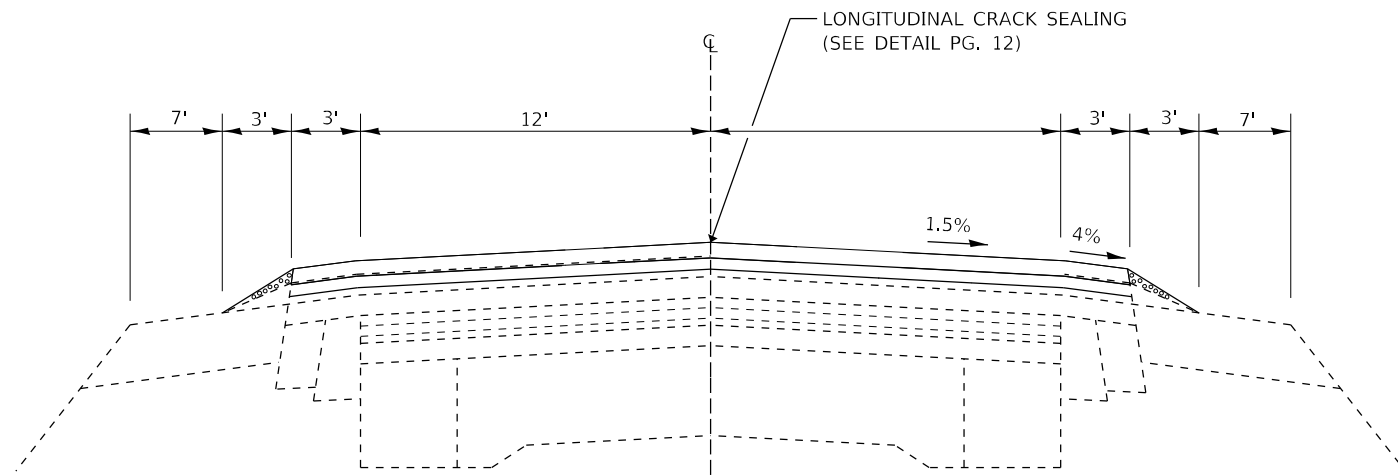
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				STBG FED 80%	NHPP STATE 20%
				ROADWAY	ROADWAY
				0005 URBAN	0005 RURAL
45100100	CRACK ROUTING (PAVEMENT)	FOOT	27246		27246
45100200	CRACK FILLING	POUND	71305	18701	52604
67100100	MOBILIZATION	L SUM	1	0.3	0.7
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.3	0.7
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	43294		43294
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	10385		10385
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	84	42	42

\*= SPECIALTY ITEM

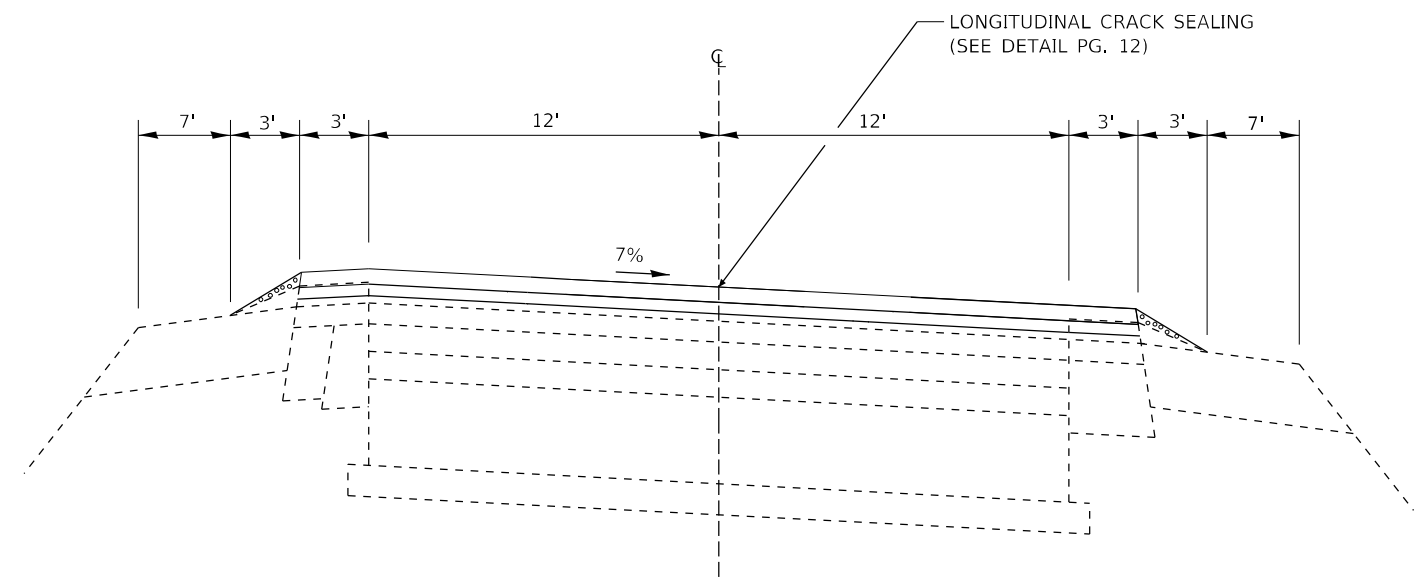
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USER NAME = Boudle,Shan	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>		F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -				623/68	(1Z,1,1R,2)CJS6(30,31)CJS	LASALLE	12	3	
PLOT DATE = 10/18/2022	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				
						CONTRACT NO. 66M73					



### US 6 TYPICAL SECTION NO. 1

STA. 288+08.59 TO STA. 421+75



### US 6 TYPICAL SECTION NO. 2

STA. 424+97.11 TO STA. 445+56.66 (CURVE RIGHT)  
 STA. 449+81.38 TO STA. 470+57.97 (CURVE LEFT)

STATION EQUATION: STA. 470+57.97 (BK) = STA. 1431+24.19 (AH)

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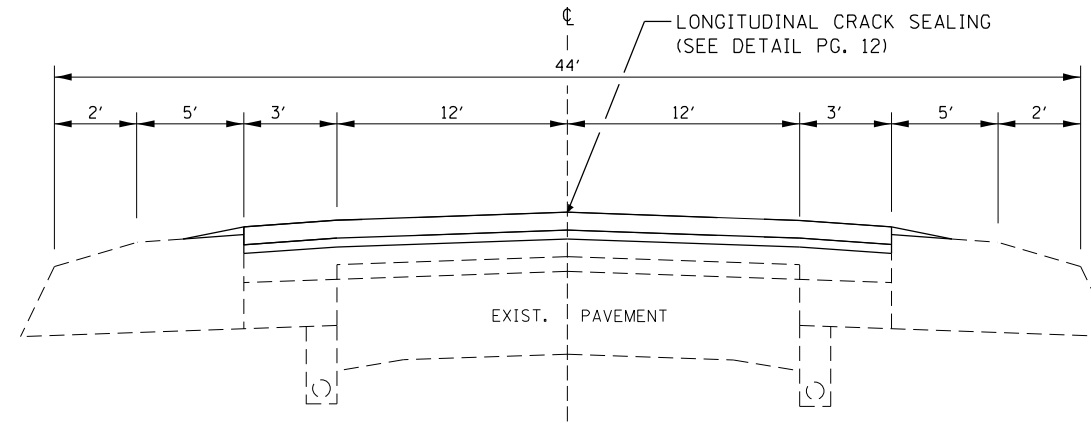
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROUTE 6 TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

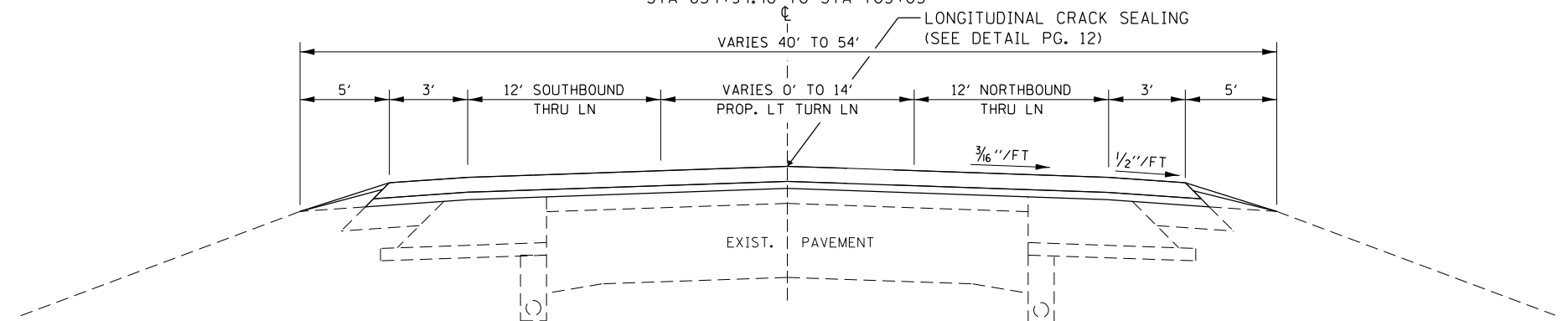
F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 66M73	





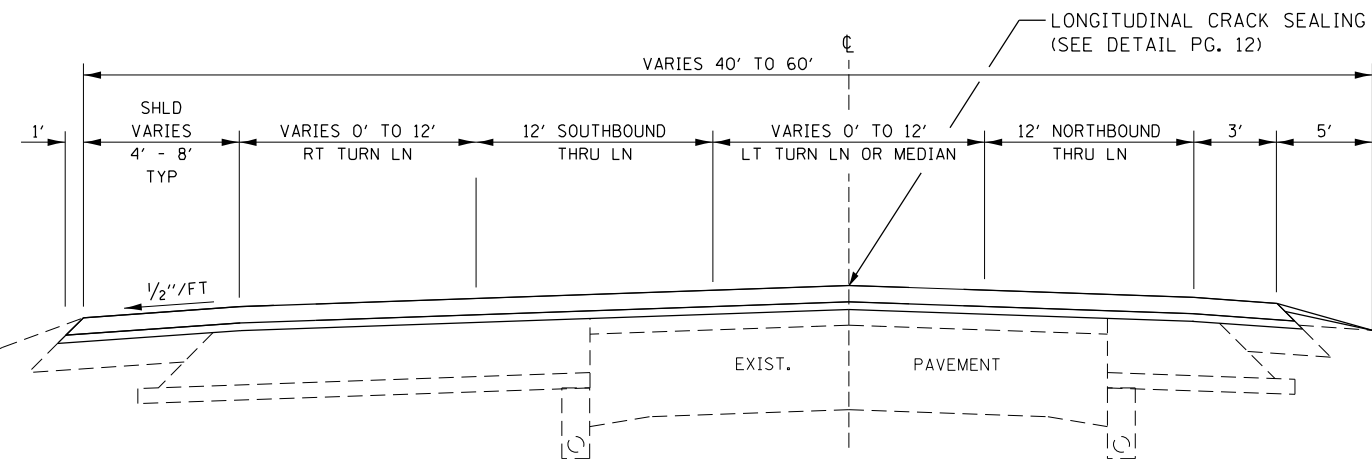
### IL 23 TYPICAL SECTION NO.1

STA 226+80 TO STA 252+24.68  
 STA 265+74.59 TO STA 413+65  
 STA 427+10 TO STA 625+09.81  
 SN. 050-0047 OMISSION STA 625+09.81 TO STA 627+57.08  
 STA 627+57.08 TO STA 639+46.76  
 RAILROAD OMISSION STA 654+85.77 TO STA 654+94.48  
 STA 654+94.48 TO STA 703+05



### IL 23 TYPICAL SECTION NO.2

STA 252+24.68 TO STA 258+99.91  
 STA 639+46.76 TO STA 650+83.80  
 STA 703+05 TO STA 709+32.90



### IL 23 TYPICAL SECTION NO.3

STA 258+99.91 TO STA 265+74.59  
 STA 650+83.8 TO STA 654+85.77  
 STA 709+32.9 TO STA 714+50

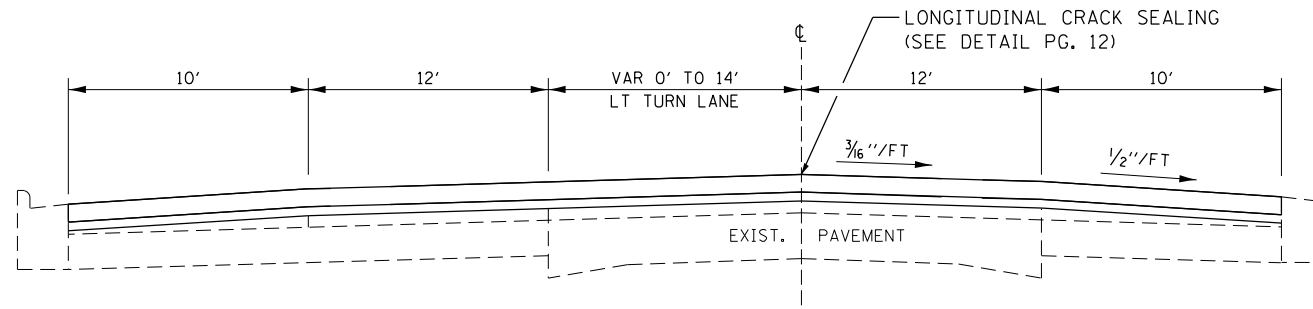
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	DRAWN -	REVISED -
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PLOT DATE = 10/18/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

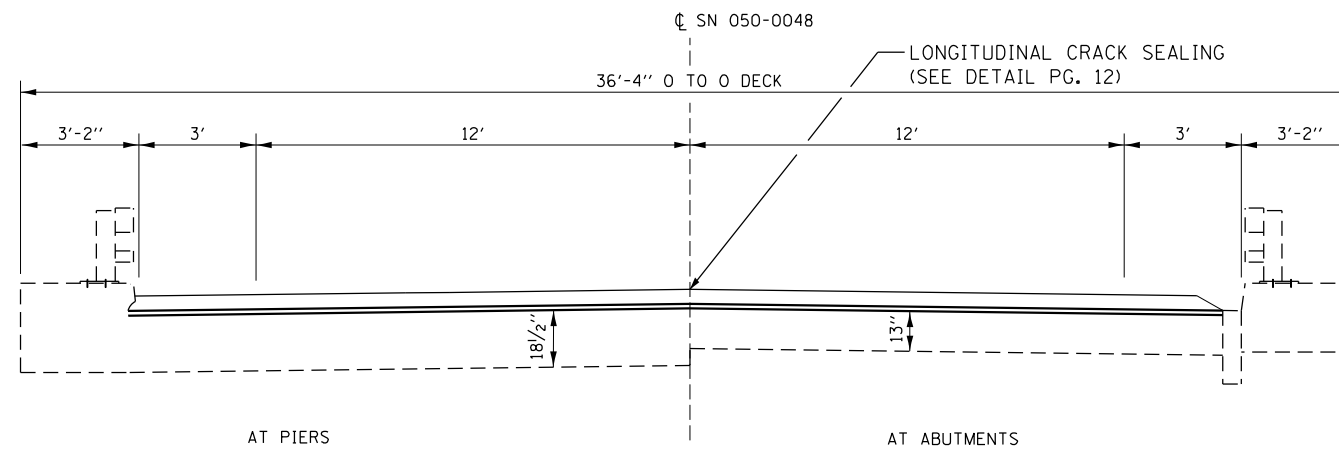
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SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
623/68	(1Z,1,1R,2)CJS&(30,31)CJS	LASALLE	12	6
CONTRACT NO. 66M73				
ILLINOIS FED. AID PROJECT				



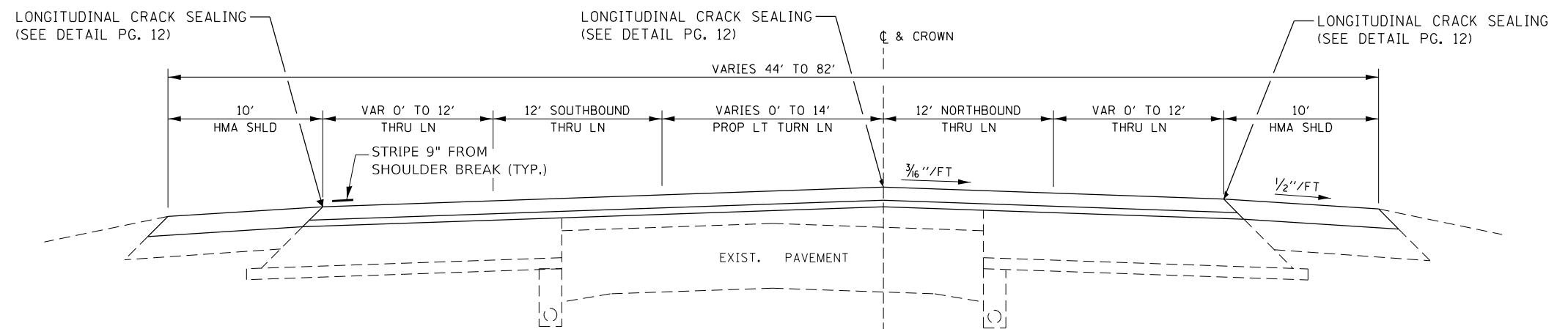
### IL 23 TYPICAL SECTION 4

STA 413+65 TO STA 427+10



### IL 23 TYPICAL SECTION 5

STA 542+45.75 TO STA 543+48.25



### IL 23 TYPICAL SECTION 6

STA 714+50 TO STA 727+60

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	DRAWN -	REVISED -
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PLOT DATE = 10/18/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
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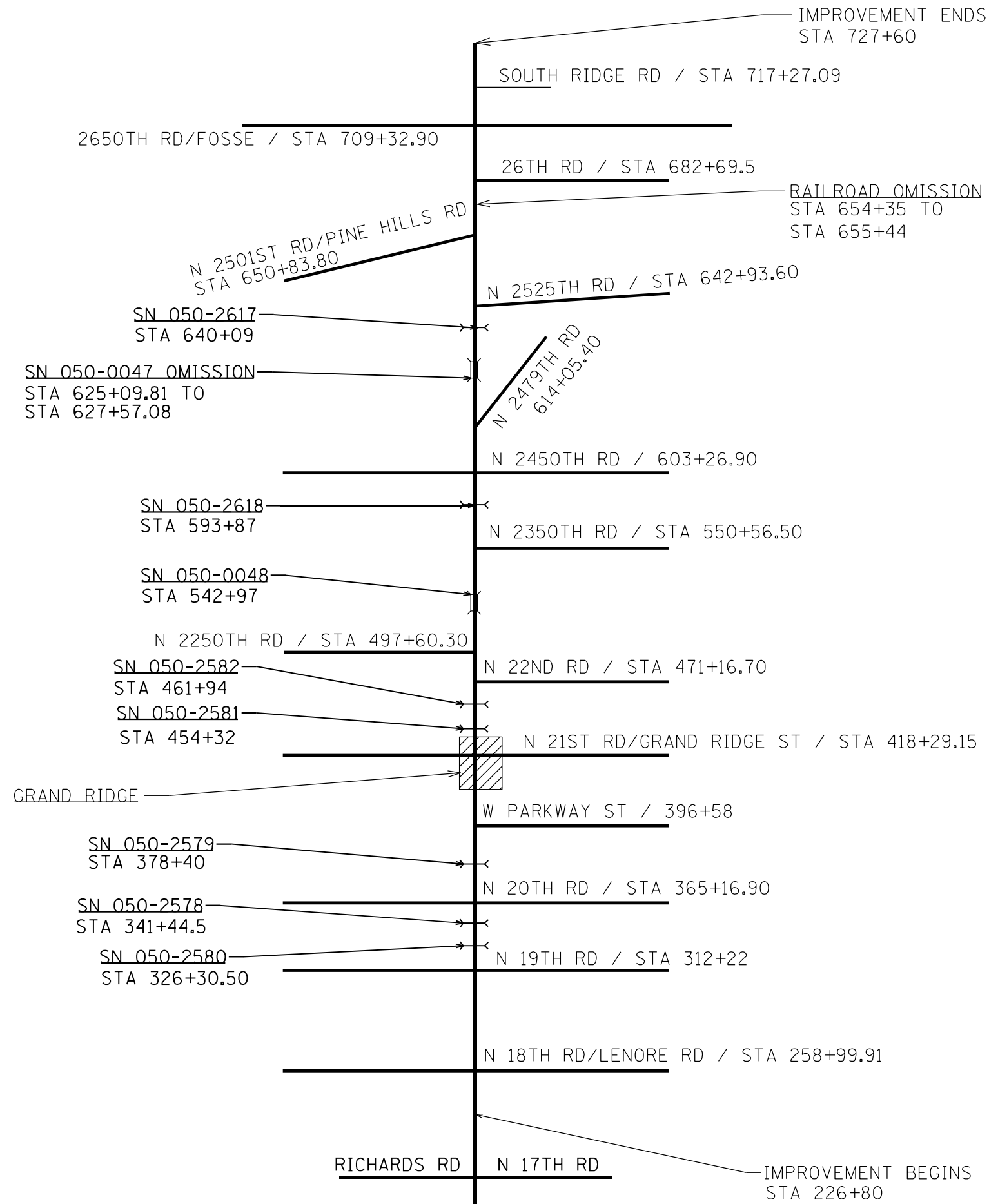
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SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
623/68	(1Z,1,1R,2)CJS&(30,31)CJS	LASALLE	12	7
CONTRACT NO. 66M73				
ILLINOIS FED. AID PROJECT				





# IL 23



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PLOT DATE = 10/18/2022	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 23 LINE DIAGRAM**

SCALE: SHEET OF SHEETS STA. 225+00 TO STA. 727+53.5

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
623/68	(1Z,1,1R,2)CJ56(30,31)CJ5	LASALLE	12	9
CONTRACT NO. 66M73			ILLINOIS FED. AID PROJECT	

CRACK ROUTING AND SEALING SCHEDULE				
LOCATION	DESCRIPTION	CRACK ROUTING (PAVEMENT)	CRACK FILLING	
STATION		FOOT	POUND	
<b>US 6 URBAN</b>				
STA 288+08 TO STA 470+58	CENTERLINE		9,308	
470+58 BK TO 1431+24 AH	STATION EQUATION			
STA 1431+24 STA 1615+42	CENTERLINE		9,393	
<b>URBAN SUB TOTAL</b>		<b>0</b>	<b>18,701</b>	
<b>IL 23 RURAL</b>				
STA 226+80 TO STA 413+27	CENTERLINE + TRANSVERSE	9,387	18,897	
STA 413+27 TO STA 423+16	CENTERLINE + SHOULDER	1,930	2,434	
STA 423+16 TO STA 625+09	CENTERLINE + TRANSVERSE	5,293	15,591	
STA 625+09 TO STA 627+57	SN 050-0047 OMISSION			
STA 627+57 TO STA 651+35	CENTERLINE + TRANSVERSE	3,656	5,022	
STA 654+35 TO STA 655+44	RAILROAD OMISSION			
STA 655+44 TO STA 714+50	CENTERLINE + TRANSVERSE	3,440	6,452	
STA 714+50 TO STA 727+60	CENTERLINE + SHOULDER + TRANSVERSE	3,540	4,208	
<b>RURAL SUBTOTAL</b>		<b>27,246</b>	<b>52,604</b>	
<b>TOTAL</b>		<b>27,246</b>	<b>71,305</b>	

PAVEMENT MARKING SCHEDULE								
LOCATION	COMMENT	LENGTH	MODIFIED URETHANE					
			LINE 4"	WHITE	LINE 6"			
STATION		FOOT	FOOT	FOOT	FOOT			
<b>IL 23 RURAL</b>								
STA 226+80 TO STA 228+30	SB NO PASS	150	150				38	
STA 228+30 TO STA 246+80	PASS	1850					463	
STA 246+80 TO STA 251+42	NB NO PASS	462	462				116	
STA 251+42 TO STA 257+02	2X NO PASS	560	2240					
STA 257+02 TO STA 260+57	NO PASS	355	710					
STA 260+57 TO STA 265+72	2X NO PASS	515	2060					
STA 265+72 TO STA 270+54	SB NO PASS	482	482				121	
STA 270+54 TO STA 275+80	PASS	526					132	
STA 275+80 TO STA 284+91	NB NO PASS	911	911				228	
STA 284+91 TO STA 286+36	NO PASS	145	290					
STA 286+36 TO STA 293+98	SB NO PASS	762	762				191	
STA 293+98 TO STA 384+92	PASS	9094					2274	
STA 384+92 TO STA 394+16	NB NO PASS	924	924				231	
STA 394+16 TO STA 409+25	NO PASS	1509	3018					
STA 409+25 TO STA 426+87	2X NO PASS	1762	7048					
STA 426+87 TO STA 432+46	SB NO PASS	559	559				140	
STA 432+46 TO STA 487+28	PASS	5482					1371	
STA 487+28 TO STA 494+41	NB NO PASS	713	713				178	
STA 494+41 TO STA 504+28	SB NO PASS	987	987				247	
STA 504+28 TO STA 606+23	PASS	10195					2549	
STA 606+23 TO STA 616+75	NB NO PASS	1052	1052				263	
STA 616+75 TO STA 625+09	SB NO PASS	834	834				209	
STA 625+09 TO STA 627+57	SN 050-0047 OMISSION							
STA 627+57 TO STA 629+13	SB NO PASS	156	156				39	
STA 629+13 TO STA 633+77	PASS	464					116	
STA 633+77 TO STA 639+34	NB NO PASS	557	557				139	
STA 639+34 TO STA 642+19	2X NO PASS	285	1140					
STA 642+19 TO STA 644+89	NO PASS	270	540					
STA 644+89 TO STA 649+29	2X NO PASS	440	1760					
STA 649+29 TO STA 651+29	NO PASS	200	400					
STA 651+29 TO STA 654+35	2X NO PASS	306	1224					
STA 654+35 TO STA 655+44	RAILROAD OMISSION							
STA 655+44 TO STA 666+49	SB NO PASS	1105	1105				276	
STA 666+49 TO STA 697+98	PASS	3149					787	
STA 697+98 TO STA 702+04	NB NO PASS	406	406				102	
STA 702+04 TO STA 707+79	2X NO PASS	575	2300					
STA 707+79 TO STA 710+04	NO PASS	225	450					
STA 710+04 TO STA 717+04	SB NO PASS	700	2800	1400			175	
STA 717+04 TO STA 719+45	NO PASS	241	482	482				
STA 719+45 TO STA 727+60	2X NO PASS	815	3260	1630				
<b>TOTALS</b>			<b>43294</b>	<b>10385</b>				

- ALL PAVEMENT MARKINGS SHALL BE STRIPED IN SAME LOCATIONS AS EXISTING

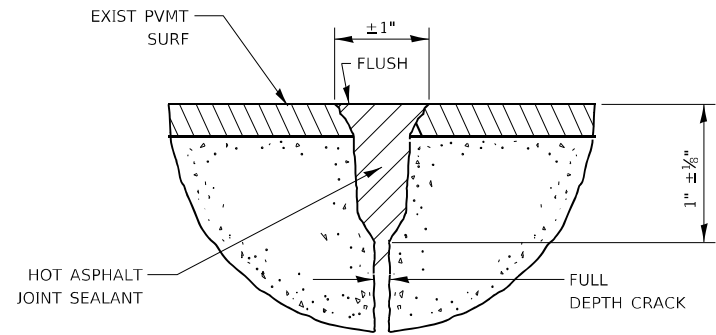
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**STATE OF ILLINOIS**  
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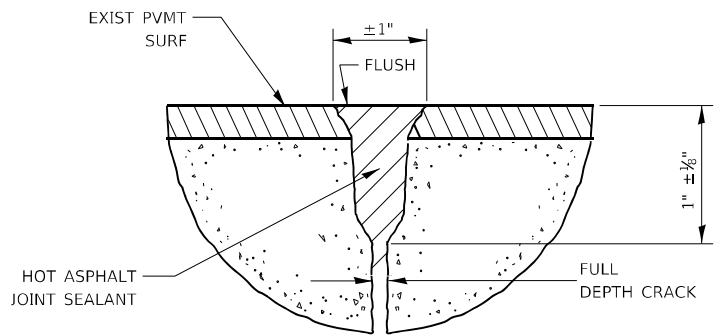
<b>SCHEDULES</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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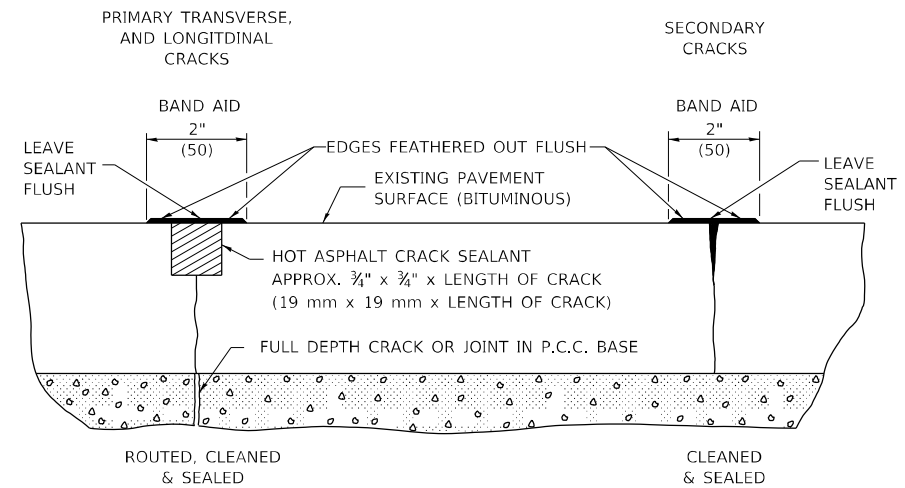
### ROUTING & SEALING JOINTS

TRANSVERSE PATCH BOUNDARIES)

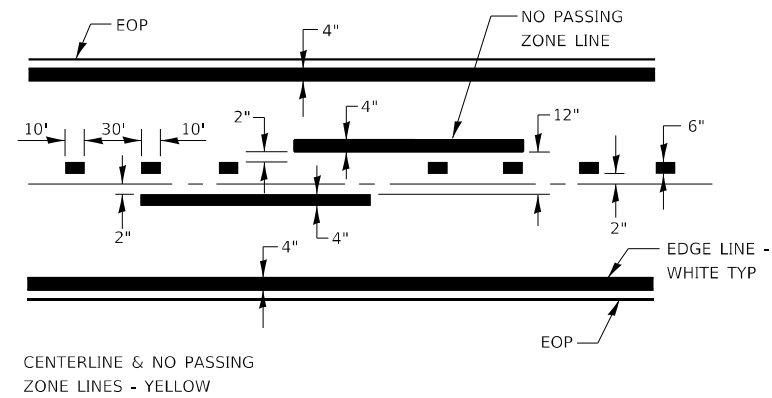


### SEALING CRACKS (PAVEMENT) DETAIL

NOTE: ALL CRACKS LESS THAN 3/8" WIDTH REQUIRE ROUTING



### CRACK SEALING HMA PAVEMENT DETAIL



### PAVEMENT MARKING

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
623/68	(1Z,1,1R,2)CJS6(30,31)CJS	LASALLE	12	11
CONTRACT NO. 66M73				
ILLINOIS FED. AID PROJECT				

