

INDEX OF SHEETS

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LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701406-10	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701426-08	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701901-05	TRAFFIC CONTROL DEVICES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

I-80 (FAI 80)
SECTION D3 CRACK SEALING 2016

CENTERLINE CRACK ROUTING & SEALING
LASALLE & GRUNDY COUNTY
C-93-033-16

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	D3 CRACK SEALING 2016	ILLINOIS	7	1
CONTRACT NO. 66F21				

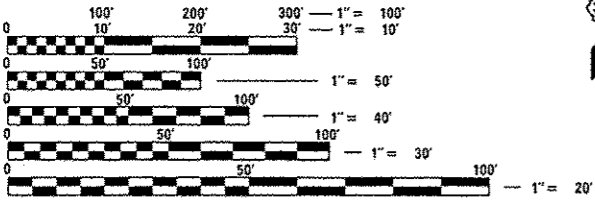
• LASALLE / GRUNDY

D-93-030-16



LOCATION OF SECTION INDICATED THUS: —

FUNCTIONAL CLASSIFICATION - INTERSTATE
2015 ADT = 32,100
P.V. = 62.9%
S.U. = 5.0%
M.U. = 32.1%



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

PROJECT ENGINEER: JOE KANNEL, PE
UNIT CHIEF: MICHELE LINDEMANN, PE
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66F21

GROSS LENGTH = 132,589.21 FT. = 25.112 MILE
NET LENGTH = 110,584.79 FT. = 20.944 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED FEB 2 2016
Dore C. [Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
March 13 2016
Maureen M. Addis PE
ENGINEER OF DESIGN AND ENVIRONMENT
March 13 2016
Omer [Signature] PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

050-0248	UTICA INTERCHANGE
050-0223	CR E 9TH RD
050-0127	CR E 10TH RD
050-0081	CR E 12TH RD
050-0129	CR E 14TH RD
050-0222	CR E 15TH RD
050-0130	CR E 16TH RD
050-0216	OTTAWA INTERCHANGE
050-0089	CR E 18TH RD
050-0245	MARSEILLES INTERCHANGE
050-0132	CR E 25TH RD
050-0133	CR E 26TH RD
050-0134	CR E 27TH RD
050-0135	CR E 28TH RD
050-0105	CR E 29TH RD
032-0053	COUNTY LINE RD
032-0052	NETTLE CREEK RD
032-0114	SENECA INTERCHANGE

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR 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.

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

CRACK FILLING	0.35	POUNDS / FOOT
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SUPERVISING CONSTRUCTION FIELD ENGINEER

START & END DATES
OF CONSTRUCTION:

N: _____

: _____

PREPARED BY: Don Howard
DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY: [Signature]
DISTRICT CONSTRUCTION ENGINEER

Daniel J. Glick
DISTRICT OPERATIONS ENGINEER

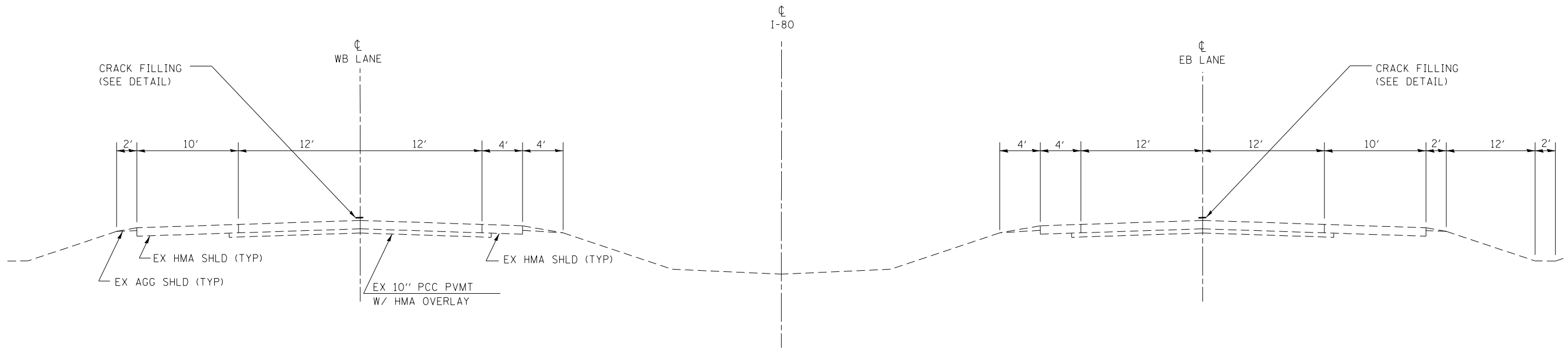
LASALLE / GRUNDY

FILE NAME :	USER NAME = carpen@edj	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ps\\il084EBID\Intc\Illinois.gov\PWIDOT\Docu\menis\DOT Offices\District 3\Projects\0366\Drawn\0366F21-sh1-cover.dgn	PLLOT SCALE = 100.0000' / 1"	CHECKED - _____	REVISED - _____			80	D3 CRACK SEALING 2016	*	7	2
Default	PLLOT DATE = 1/14/2016	DATE - _____	REVISED - _____			CONTRACT NO. 66F21				
						SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE ROADWAY	100% STATE ROADWAY
				0005	0005
				LASALLE COUNTY	GRUNDY COUNTY
45100100	CRACK ROUTING (PAVEMENT)	FOOT	221169	195502	25667
45100200	CRACK FILLING	POUND	77406	68424	8982
67100100	MOBILIZATION	LSUM	1	0.88	0.12
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2	1.76	0.24
X0326880	MESSAGE BOARD VEHICLE DRIVER	HOURL	80	70	10
X0326907	PORTABLE, VEHICLE MOUNTED, CHANGEABLE MESSAGE SIGN	CAL MO	1	0.88	0.12
X7010410	SPEED DISPLAY TRAILER	CAL MO	1	0.88	0.12
X7010600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406, SPECIAL	LSUM	1	0.88	0.12

• SPECIALTY ITEMS

FILE NAME =	USER NAME = carpenterd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 2/4/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



PROPOSED TYPICAL SECTION
STA 848+36 TO 915+00 EB & WB
STA 19+07 TO 589+74.07 EB
STA 19+07 TO 590+17.08 WB
STA 810+00 TO 1155+51.21 EB & WB
STA 724+16 TO 846+97 EB & WB

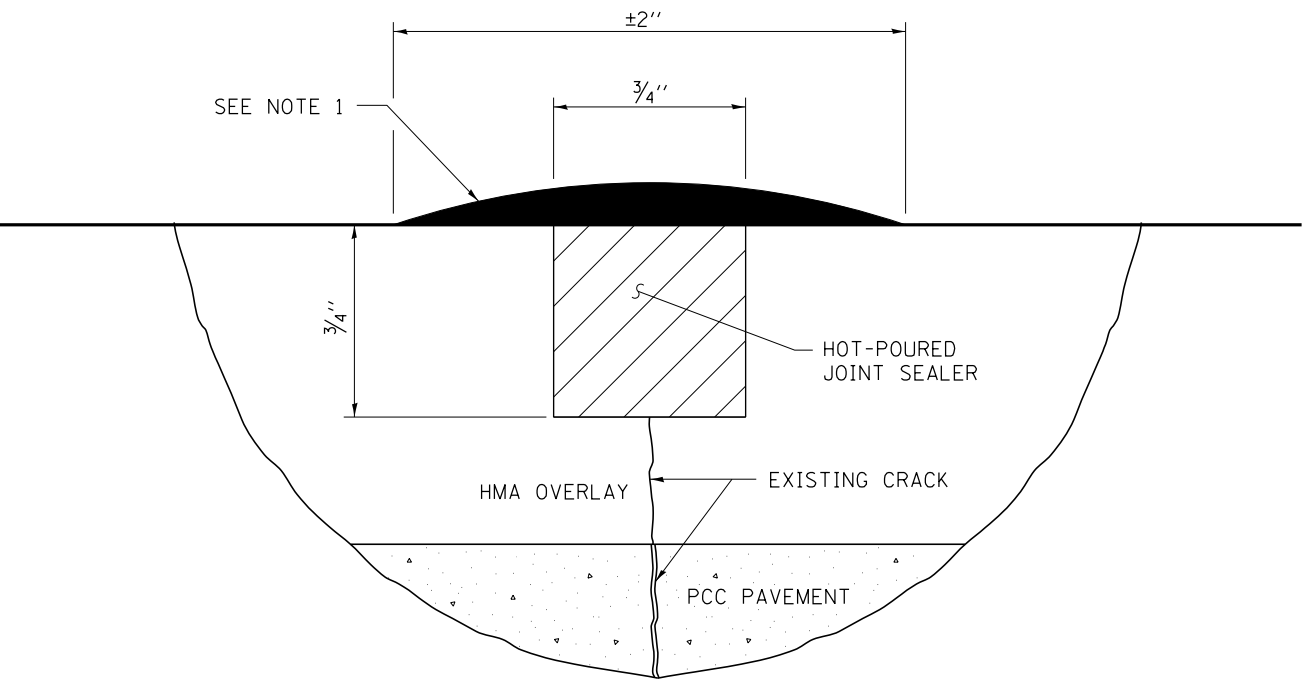
STATION EQUATIONS:
STA 915+00(BK) = STA 19+07(AH)
STA 1155+51.21(BK)= STA 724+16.00(AH)

OMISSIONS:
STA 589+74.07 TO 810+00 EB
STA 590+17.08 TO 810+00 WB

										• LASALLE / GRUNDY																			
FILE NAME =		USER NAME = carpenterdj		DESIGNED - _____		REVISED - _____		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										TYPICAL SECTION				F.A.I. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
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		PLOT DATE = 1/14/2016		DATE		REVISED																							

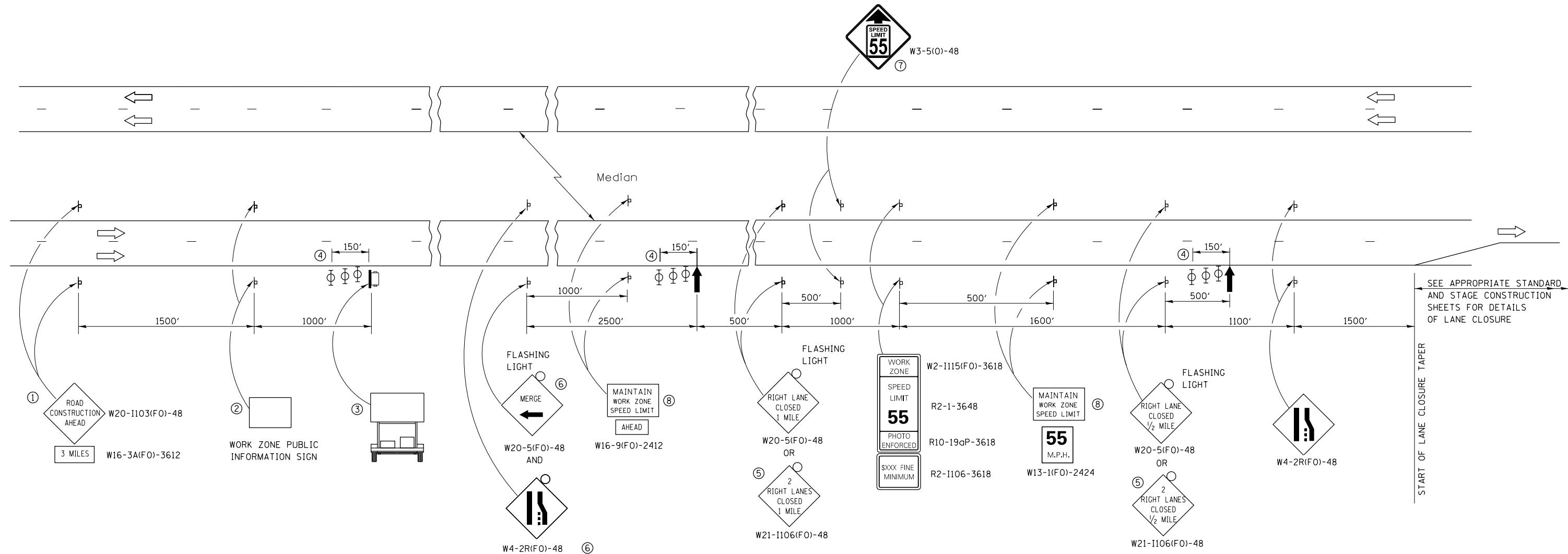
• LASALLE / GRUNDY

CRACK ROUTING AND FILLING			
LOCATION	DESCRIPTION	CRACK ROUTING (PAVEMENT)	CRACK FILLING
STATION		FOOT	POUND
LASALLE COUNTY			
EASTBOUND CENTERLINE:			
848+36 TO 915+00		6664	2332
915+00 BK = 19+07 AH	STATION EQUATION		
19+07 TO 589+74.07		57067.07	19973
589+74.07 TO 810+00	OMISSION		
810+00 TO 1149+98.56		33998.56	11899
WESTBOUND CENTERLINE:			
848+36 TO 915+00		6664	2332
915+00 BK = 19+07 AH	STATION EQUATION		
19+07 TO 590+17.08		57110.08	19989
590+17.08 TO 810+00	OMISSION		
810+00 TO 1149+98.56		33998.56	11899
SUBTOTAL LASALLE COUNTY			
		195502.27	68424
GRUNDY COUNTY			
EASTBOUND CENTERLINE:			
1149+98.56 TO 1155+51.21		552.65	193
1155+51.21 BK = 724+16.00 AH	STATION EQUATION		
724+16 TO 846+97		12281	4298
WESTBOUND CENTERLINE:			
1149+98.56 TO 1155+51.21		552.65	193
1155+51.21 BK = 724+16.00 AH	STATION EQUATION		
724+16 TO 846+97		12281	4298
SUBTOTAL GRUNDY COUNTY			
		25667.3	8982
PROJECT TOTAL			
		221169.57	77406



CRACK ROUTING AND SEALING DETAIL

NOTE 1
THE CRACK OR JOINT SHALL BE SLIGHTLY OVERFILLED AND IMMEDIATELY SQUEEGEED TO PROVIDE A "BAND-AID" TYPE EFFECT APPROXIMATELY TWO INCHES WIDE, FLUSH WITH THE PAVEMENT SURFACE, AND WITH THE EDGES FEATHERED OUT.



- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 MILES IN ADVANCE OF THE PROJECT LIMITS.
- ② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- ③ TO BE PLACED IN THE MEDIAN WHEN FEASIBLE. THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT. THE PRIMARY MESSAGES SHALL BE:
"RIGHT LANE CLOSED" / " x MILES AHEAD"
"LEFT LANE CLOSED" / " x MILES AHEAD"
"ALL LANES OPEN"
- ④ THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 50' CENTERS.
- ⑤ THIS SIGN SHALL BE USED WHEN 2 LANES ARE CLOSED.
- ⑥ WHEN THE LEFT LANE IS CLOSED, SWITCH THESE TWO SIGNS AND THE DIRECTION OF THE MERGE ARROW.
- ⑦ THIS SIGN SHALL ONLY BE USED IF THE EXISTING SPEED LIMIT IS GREATER THAN 65 MPH.

- ⑧ 48"x36" FLUORESCENT ORANGE SIGN WITH BLACK LETTERS.

48"
36" MAINTAIN WORK ZONE SPEED LIMIT 8" 6" 6"

- ↑ ARROW BOARD
- ☐ PORTABLE CHANGEABLE MESSAGE SIGN
- ⌋ SIGN
- ⊕ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT

GENERAL NOTE:

THIS STANDARD IS USED WHERE AT ANY TIME A LANE IS CLOSED ON A FREEWAY/EXPRESSWAY.

WHEN THE LEFT LANE IS CLOSED, LEFT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR THE RIGHT LANE CLOSED SIGNS.

THE FIRST TWO SIGNS AND THE MESSAGE BOARD ARE STATIONARY. THE OTHER SIGNS AND ARROWBOARDS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED DISTANCE FROM THE START OF THE LANE CLOSURE TAPER(S).

SEE SPECIAL PROVISIONS.

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SHOWN.

• LASALLE / GRUNDY

FILE NAME =	USER NAME = carpenterdj	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STANDARD 701400 (SPECIAL)				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____						CONTRACT NO. 66F21				
	PLOT DATE = 1/14/2016	DATE - _____	REVISED - _____						ILLINOIS FED. AID PROJECT				
SCALE: _____					SHEET ____ OF ____ SHEETS		STA. _____ TO STA. _____						