

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

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

CONTRACT NO. 66F21
 • LASALLE / GRUNDY

- INDEX OF SHEETS**
- 1 COVER SHEET
 - 2 GENERAL NOTES
 - 3 SUMMARY OF QUANTITIES
 - 4 TYPICAL SECTIONS
 - 5 SCHEDULES
 - 6-7 DETAILS

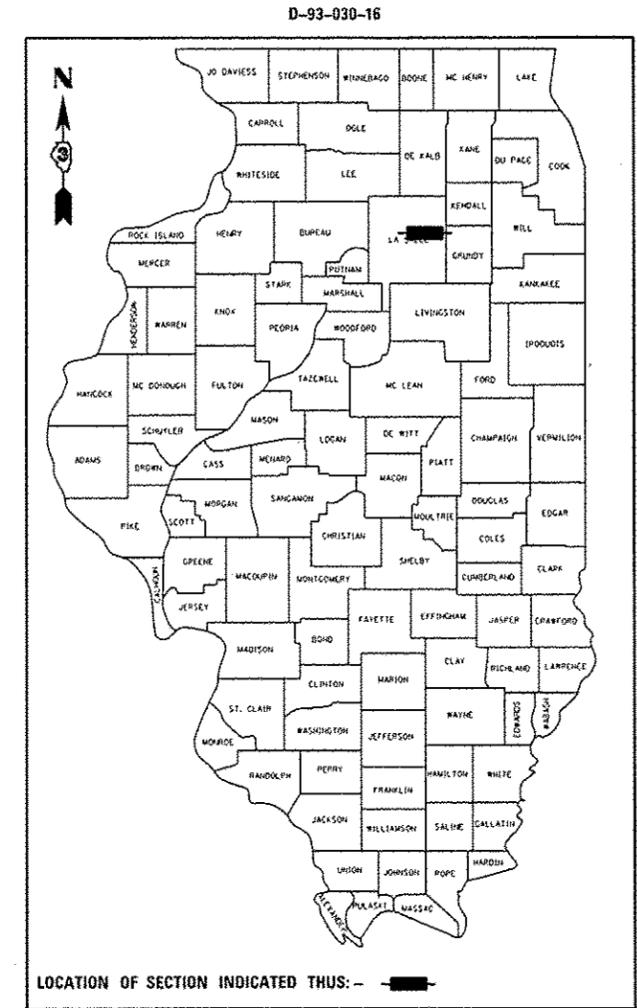
LIST OF ILLINOIS DOT HIGHWAY STANDARDS

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

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

CENTERLINE CRACK ROUTING & SEALING
LASALLE & GRUNDY COUNTY

C-93-033-16



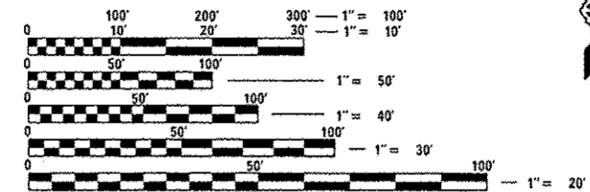
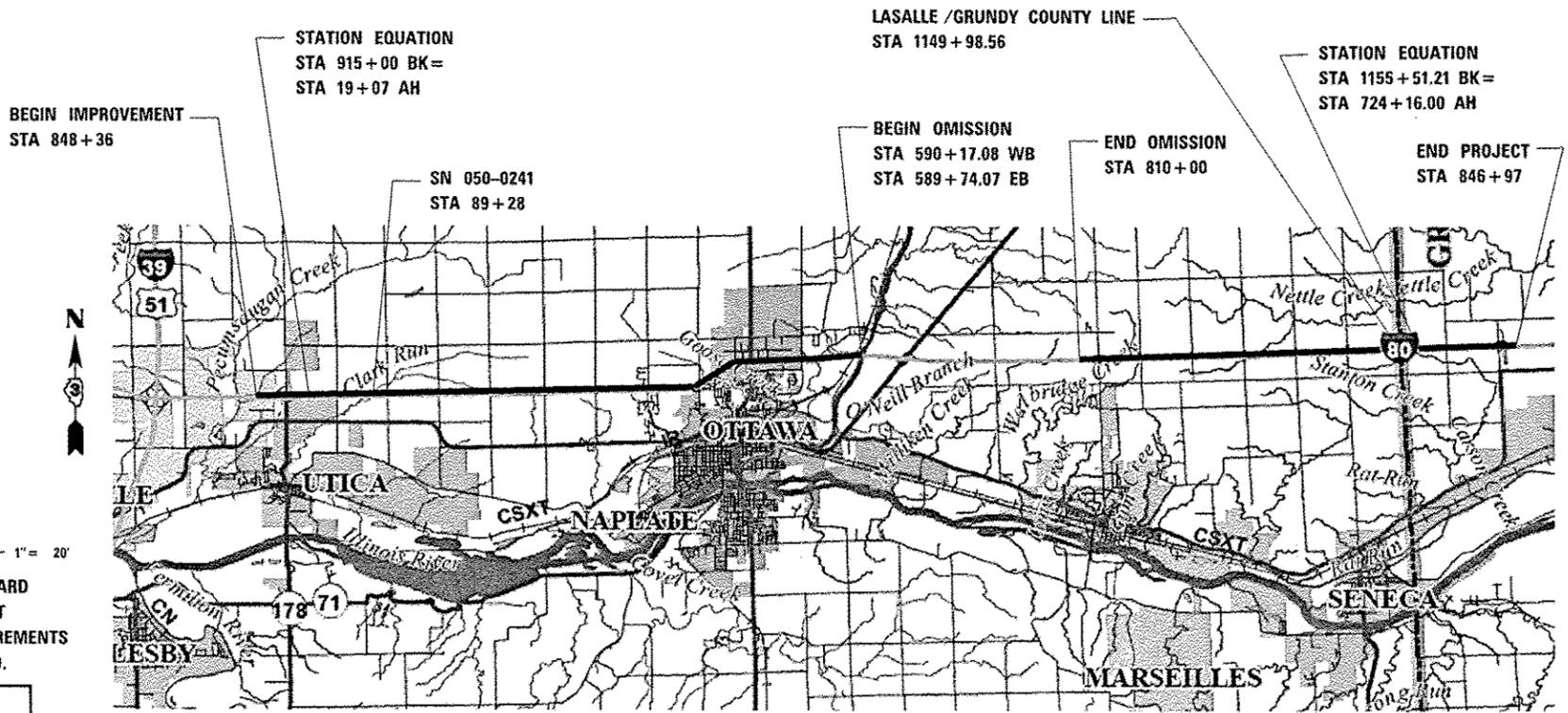
FUNCTIONAL CLASSIFICATION - INTERSTATE
 2015 ADT = 32,100
 P.V. = 62.9%
 S.U. = 5.0%
 M.U. = 32.1%

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED Feb 2nd 2016
Paul C. [Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 13 2016
Maween M. Addis PE
 ENGINEER OF DESIGN AND ENVIRONMENT

March 19 2016
Omer [Signature] PE
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER



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

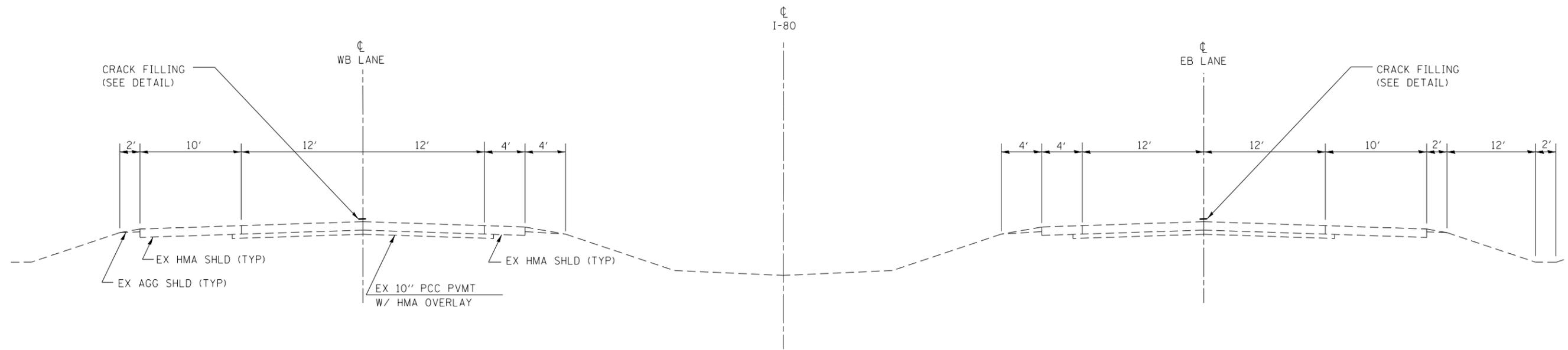
GROSS LENGTH = 132,589.21 FT. = 25.112 MILE
 NET LENGTH = 110,584.79 FT. = 20.944 MILE

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE ROADWAY	100% STATE ROADWAY
				0005 LASALLE COUNTY	0005 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	HOUR	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

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• SPECIALTY ITEMS



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

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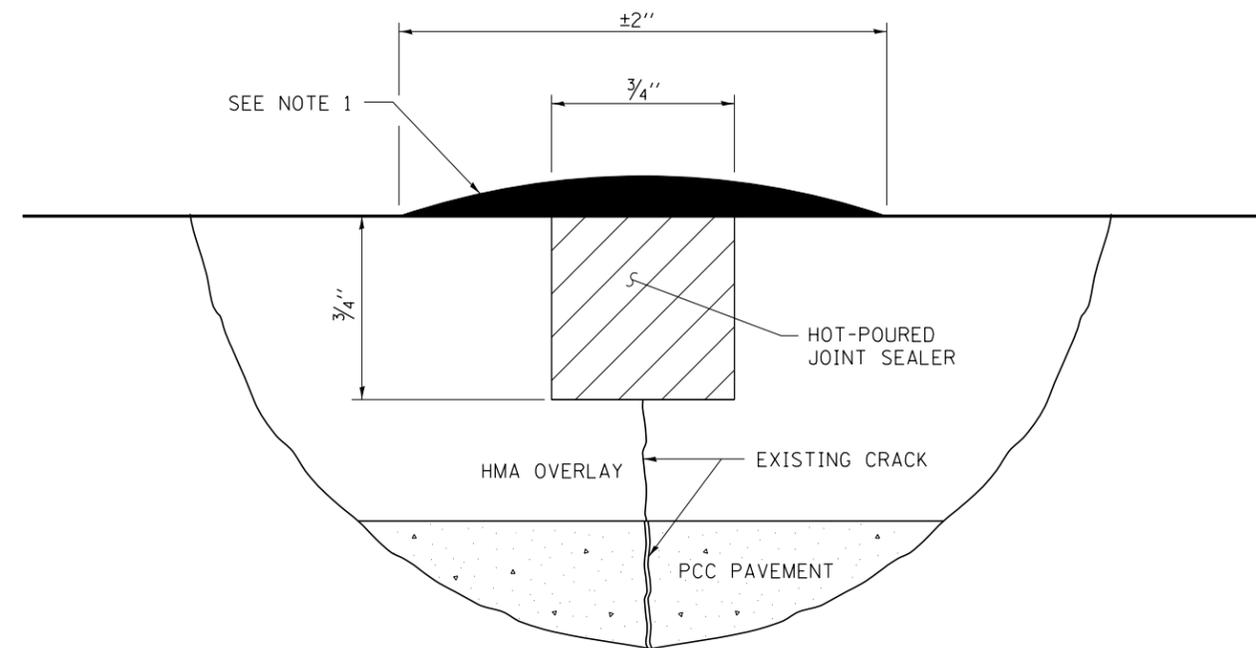
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	D3 CRACK SEALING 2016	*	7	4
			CONTRACT NO. 66F21	
ILLINOIS FED. AID PROJECT				

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 SQUEEGED TO PROVIDE A "BAND-AID" TYPE EFFECT APPROXIMATELY TWO INCHES WIDE, FLUSH WITH THE PAVEMENT SURFACE, AND WITH THE EDGES FEATHERED OUT.

• LASALLE / GRUNDY

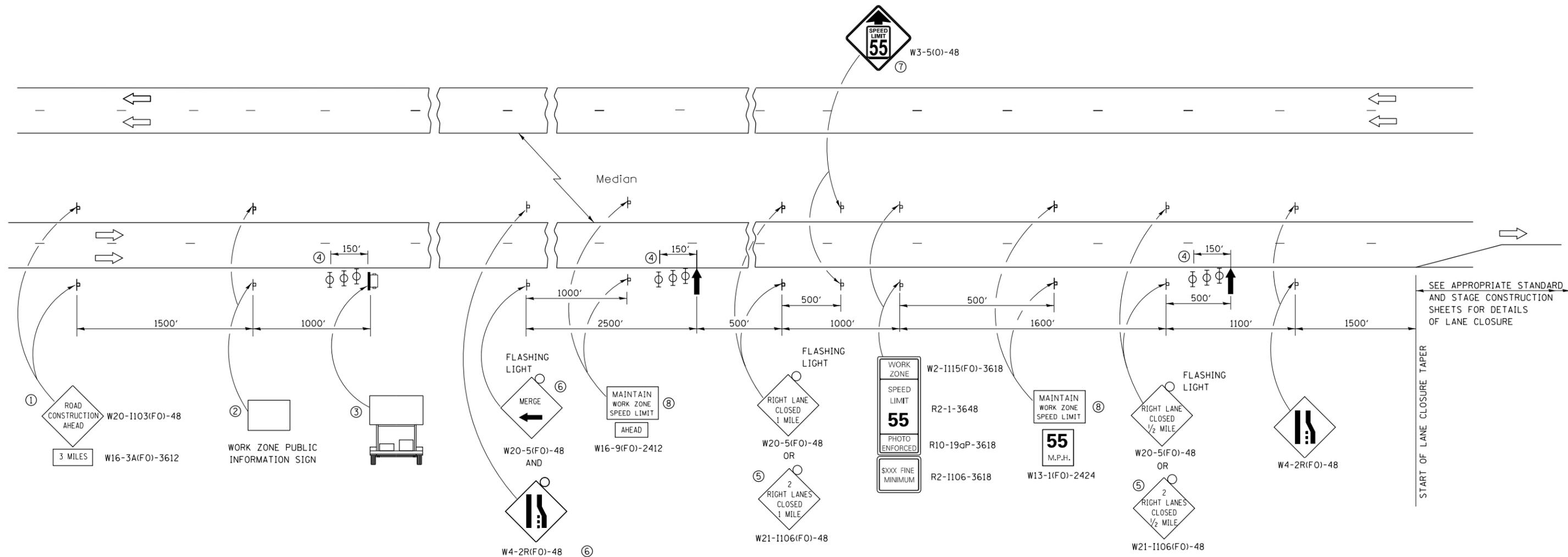
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETAILS

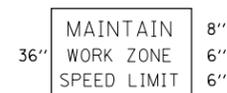
SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	D3 CRACK SEALING 2016	*	7	6
			CONTRACT NO. 66F21	
ILLINOIS FED. AID PROJECT				



- 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.



- ↑ 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

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Default	PLOT DATE = 1/14/2016	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STANDARD 701400 (SPECIAL)

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

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80	D3 CRACK SEALING 2016	*	7	7
			CONTRACT NO. 66F21	
ILLINOIS FED. AID PROJECT				