

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 80 (I-80)
SECTION D3 CRACK SEAL 2013

**CRACK ROUTING AND SEALING
BUREAU / LASALLE COUNTY**

C-93-026-13

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	D3 CRACK SEAL 2013	ILLINOIS	7	1

BUREAU / LASALLE

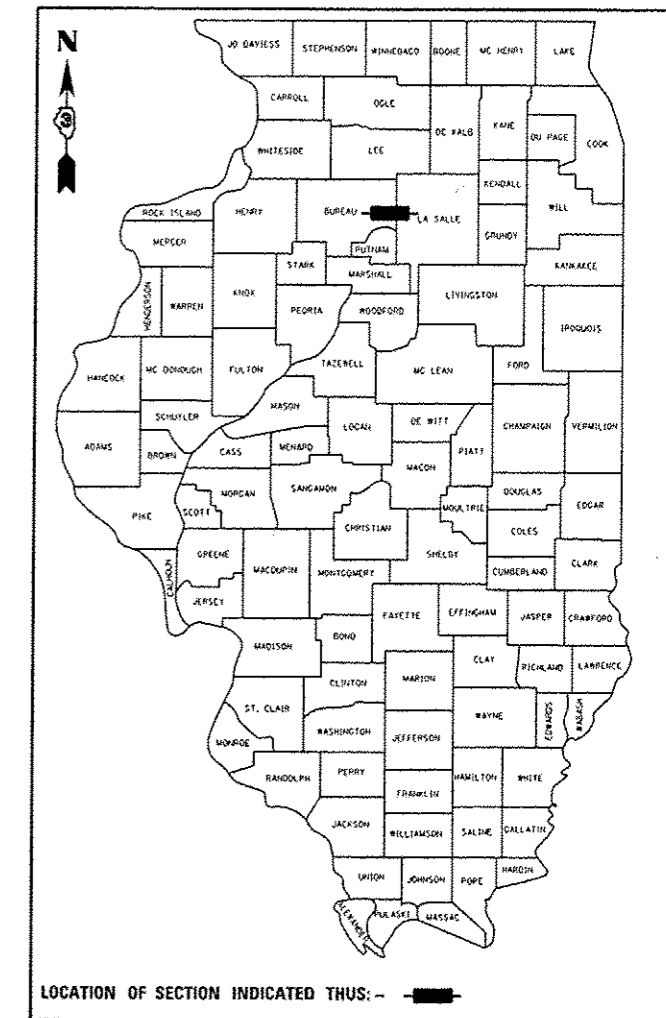
D93-025-13

INDEX OF SHEETS

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4	TYPICAL SECTIONS
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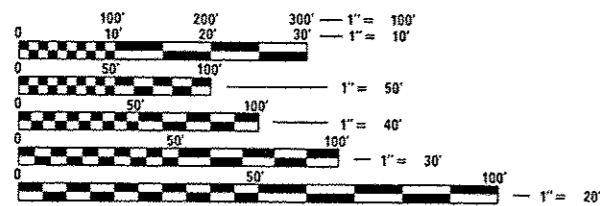
LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701101-03	OFF-ROAD OPERATIONS MULTILANE, 15' (4.5 m) TO 24' (800 mm) FROM PAVEMENT EDGE
701406-07	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH
701426-05	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701901-02	TRAFFIC CONTROL DEVICES
780001-03	TYPICAL PAVEMENT MARKINGS



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

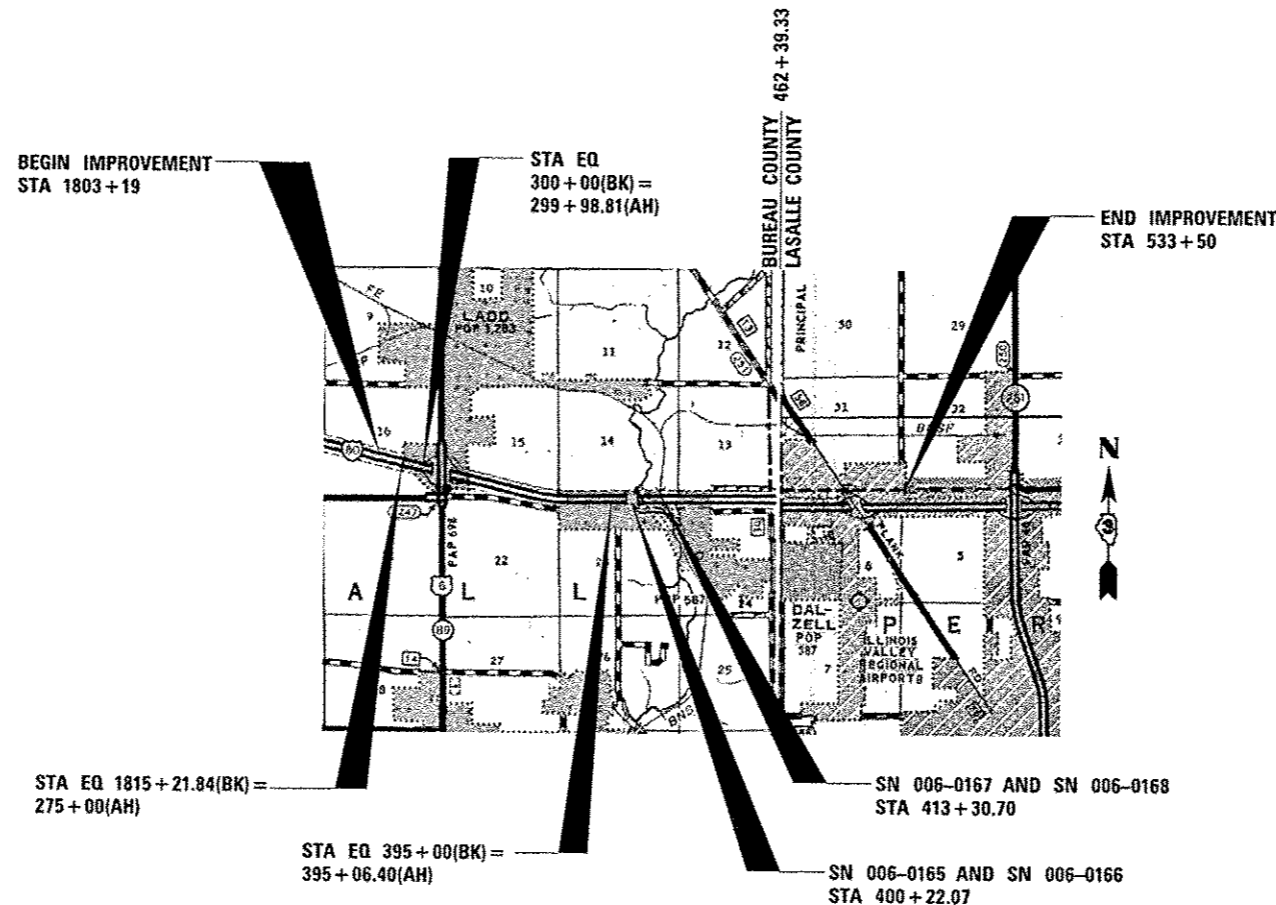
FUNCTIONAL CLASSIFICATION - INTERSTATE
2011 ADT = 23,600
P.V. = 62.5%
S.U. = 3.18%
M.U. = 34.32%



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: JOE KANNEL, PE
UNIT CHIEF: MICHELE LINDEMANN, PE
DISTRICT NO. (815)-434-6131
CONTRACT NO. 66C66



GROSS LENGTH = 27,047.63 FT. = 5.123 MILE
NET LENGTH = 27,047.63 FT. = 5.123 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 02-14 20 12
Paul A. Lantieri, PE
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Feb 1 20 13
John D. Baranzello, PE
ENGINEER OF DESIGN AND ENVIRONMENT

Feb 1 20 13
Omer Osman, PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

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 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.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

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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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: *Don Bonvil*
DISTRICT STUDIES & PLANS ENGINEER

DATE: 12-14-12

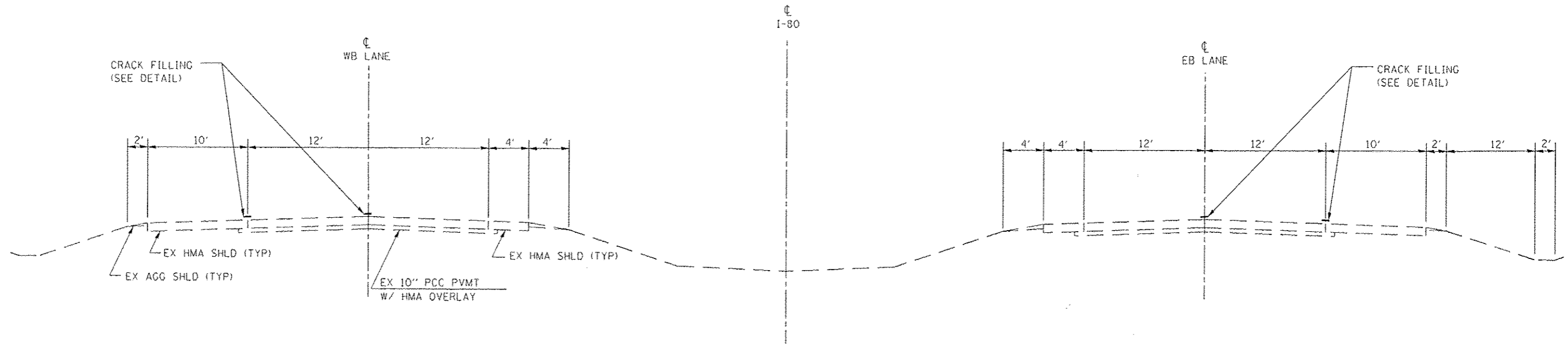
EXAMINED BY: *Hubert*
DISTRICT CONSTRUCTION ENGINEER

[Signature]
DISTRICT MATERIALS ENGINEER

[Signature]
DISTRICT OPERATIONS ENGINEER

• BUREAU / LASALLE

FILE NAME * ci:\pw_work\pwt\d01\carpentard\366066\366066-shs-cover.dgn	USER NAME * carpentardj	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE * 100.0000' / 1"	CHECKED - ---	REVISED - ---	80			D3 CRACK SEAL 2013	*	7	2	
PLOT DATE * 12/11/2012	DATE - ---	REVISED - ---	CONTRACT NO. 66C66							
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____						ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
 STA 1803+19 TO STA 533+50

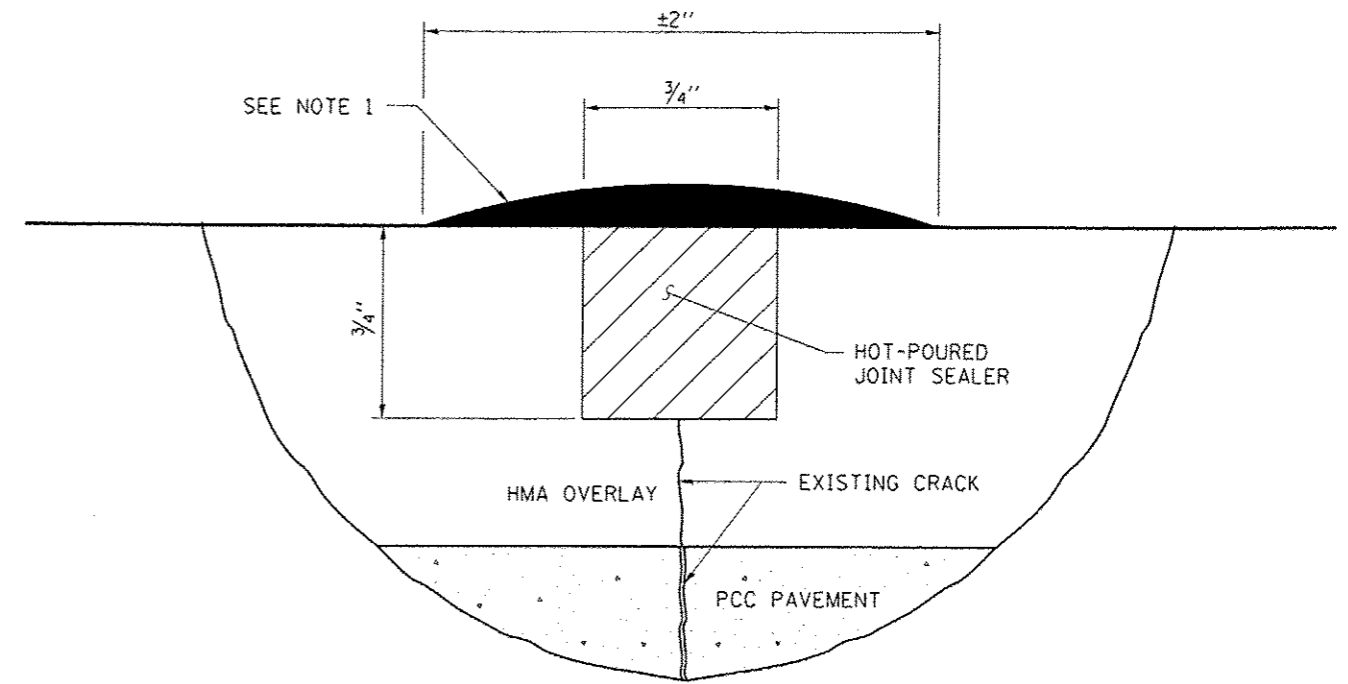
STATION EQUATION:
 STA 1815+21.84(BK) = STA 275+00(AH)
 STA 300+00(BK) = 299+98.81(AH)
 STA 395+00(BK) = 395+06.40(AH)

BUREAU / LASALLE

FILE NAME *	USER NAME * carpentardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwwork\pwwork\carpentardj\d0321797	056066-shs-typic01.dgn	DRAWN -	REVISED -			80	03 CRACK SEAL 2013		7	4	
	PLOT SCALE * 100.0000 1" = 10'	CHECKED -	REVISED -			SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 66C66			
	PLOT DATE * 12/11/2012	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

CRACK ROUTING AND FILLING			
LOCATION	DESCRIPTION	CRACK ROUTING (PAVEMENT)	CRACK FILLING
STATION		FOOT	POUND
BUREAU COUNTY			
EASTBOUND CENTERLINE:			
1803+19 TO 1815+21.84 BK		1203	421
275+00 AH TO 300+00 BK		2500	875
299+98.81 AH TO 395+00 BK		9501	3325
395+06.40 AH TO 399+07.07		401	140
399+07.07 TO 401+37.07	SN 006-0165 - NO WORK		
401+37.07 TO 412+45.89		1109	388
412+45.89 TO 414+60.39	SN 006-0167 - NO WORK		
414+60.39 TO 462+39.33		4779	1673
EASTBOUND OUTSIDE EDGE LINE			
1803+19 TO 1815+21.84 BK		1203	421
275+00 AH TO 300+00 BK		2500	875
299+98.81 AH TO 395+00 BK		9501	3325
395+06.40 AH TO 399+07.07		401	140
399+07.07 TO 401+37.07	SN 006-0165 - NO WORK		
401+37.07 TO 412+50.2		1113	390
412+50.2 TO 414+64.7	SN 006-0167 - NO WORK		
414+64.7 TO 462+39.33		4775	1671
WESTBOUND CENTERLINE:			
1803+19 TO 1815+21.84 BK		1203	421
275+00 AH TO 300+00 BK		2500	875
299+98.81 AH TO 395+00 BK		9501	3325
395+06.40 AH TO 399+07.07		401	140
399+07.07 TO 401+37.07	SN 006-0165 - NO WORK		
401+37.07 TO 412+19.31		1082	379
412+19.31 TO 414+33.81	SN 006-0167 - NO WORK		
414+33.81 TO 462+39.33		4805	1682
WESTBOUND OUTSIDE EDGE LINE:			
1803+19 TO 1815+21.84 BK		1203	421
275+00 AH TO 300+00 BK		2500	875
299+98.81 AH TO 395+00 BK		9501	3325
395+06.40 AH TO 399+07.07		401	140
399+07.07 TO 401+37.07	SN 006-0165 - NO WORK		
401+37.07 TO 412+15		1078	377
412+15 TO 414+29.5	SN 006-0167 - NO WORK		
414+29.5 TO 462+39.33		4810	1684
SUBTOTAL BUREAU COUNTY		77971	27288
LASALLE COUNTY			
EASTBOUND CENTERLINE:			
462+39.33 TO 533+50		7111	2489
EASTBOUND OUTSIDE EDGE LINE:			
462+39.33 TO 533+50		7111	2489
WESTBOUND CENTERLINE:			
462+39.33 TO 533+50		7111	2489
WESTBOUND OUTSIDE EDGE LINE:			
462+39.33 TO 533+50		7111	2489
SUBTOTAL BUREAU COUNTY		28444	9956
PROJECT TOTAL		106415	37244

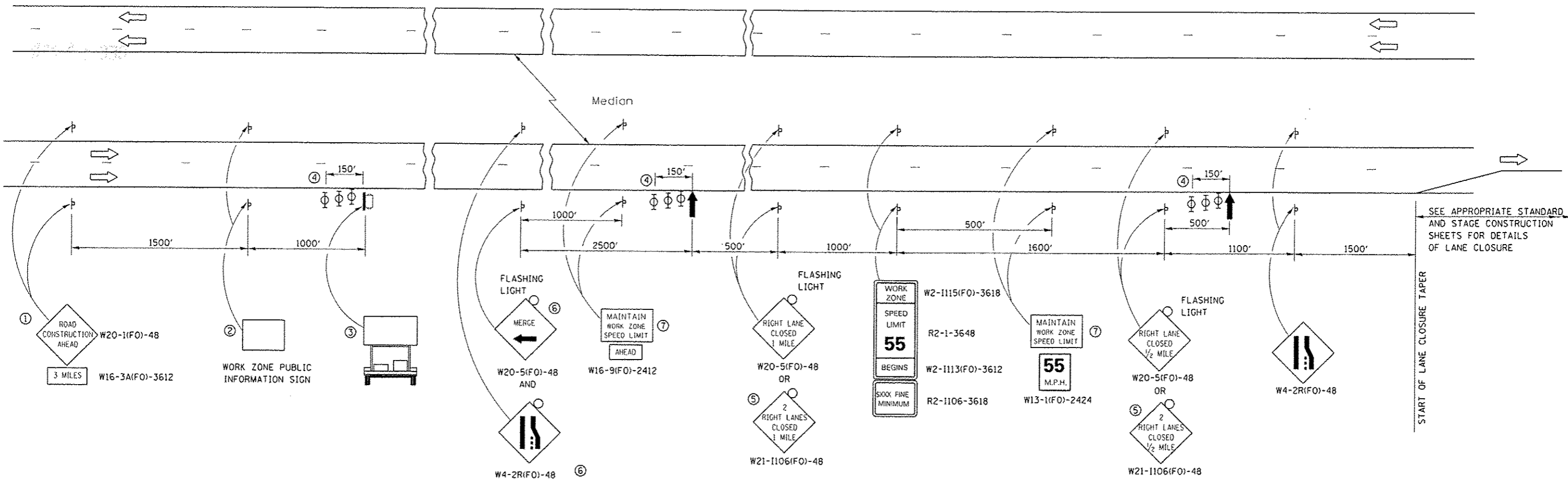
FILE NAME +	USER NAME + carpentardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	* BUREAU / LASALLE CONTRACT NO. 66C66
c:\pw_work\pwidat\carpentardj\0321797\	366C66.sht:schedule.dgn	DRAWN -	REVISED -			80	D3 CRACK SEAL	*	7	5	
	PLOT SCALE + 100.0000' / 1"	CHECKED -	REVISED -			SCALE: _____ SHEET NO. ____ OF _____ SHEETS STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT			
	PLOT DATE + 12/11/2012	DATE -	REVISED -								



CRACK ROUTING AND SEALING DETAIL

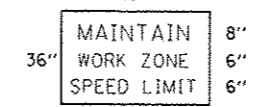
NOTE 1
 THE CRACK OR JOINT SHALL BE SLIGHTLY OVERFILLED AND IMMEDIATELY
 SQUEEGEED TO PROVIDE A "BAND-AID" TYPE EFFECT APPROXIMATELY TWO INCHES WIDE,
 FLUSH WITH THE PAVEMENT SURFACE, AND WITH THE EDGES FEATHERED OUT.

FILE NAME *	USER NAME *	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	• BUREAU / LASALLE
et:\pwork\p\idat\carpentard\03217970	366066-sh1-details.dgn	DRAWN -	REVISED -			80	03 CRACK SEAL 2013	*	7	6	
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 66C66					
	PLOT DATE = 12/11/2012	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: _____	SHEET NO. _____ OF _____ SHEETS		STA. _____ TO STA. _____			



- 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 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.

BUREAU / LASALLE

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STANDARD 701400 (SPECIAL)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
366C66-sh1-details.dgn	carpentardj	---	---			80	D3 CRACK SEAL 2013		7	7	
PLOT SCALE = 100.0000 / in.		CHECKED	REVISED			SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 66C66			
PLOT DATE = 12/11/2012		DATE	REVISED			ILLINOIS FED. AID PROJECT					