

INDEX OF SHEETS

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STANDARDS

- T01001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
 T01006-03 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
 T01301-03 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
 T01306-02 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
 T01311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
 T01901-01 TRAFFIC CONTROL DEVICES

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

PROPOSED
 HIGHWAY PLANS

FAP ROUTE 41 (IL 17) & FAP 786 (IL 170)
 SECTION D3 CRACK SEAL 2011-2

ROUTING AND SEALING PAVEMENT CRACKS
 FAP ROUTE 41 (IL 17) FROM THE ECL OF DWIGHT TO THE WCL OF REDDICK
 FAP ROUTE 786 (IL 170) FROM IL 23 TO LASALLE COUNTY LINE
 LIVINGSTON COUNTY

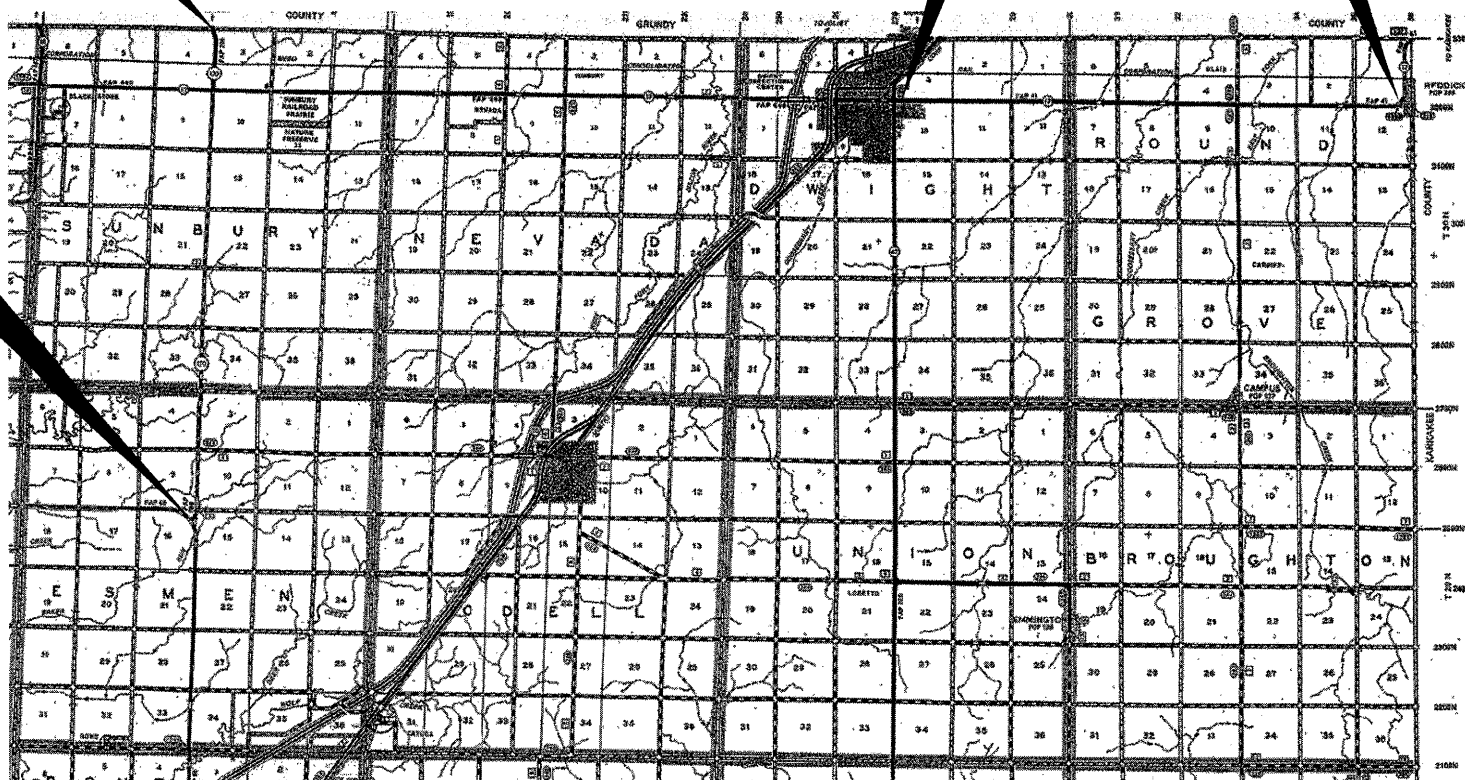
C-93-130-10

PROJECT END
 FAP RTE. 786 (IL 170)
 LASALLE COUNTY LINE

PROJECT START
 FAP RTE. 41 (IL 17)
 ECL OF DWIGHT
 (BANNON DR.)

PROJECT END
 FAP RTE. 41 (IL 17)
 WCL OF REDDICK
 (S 20000 W RD.)

PROJECT START
 FAP RTE. 786 (IL 170)
 IL RTE. 23



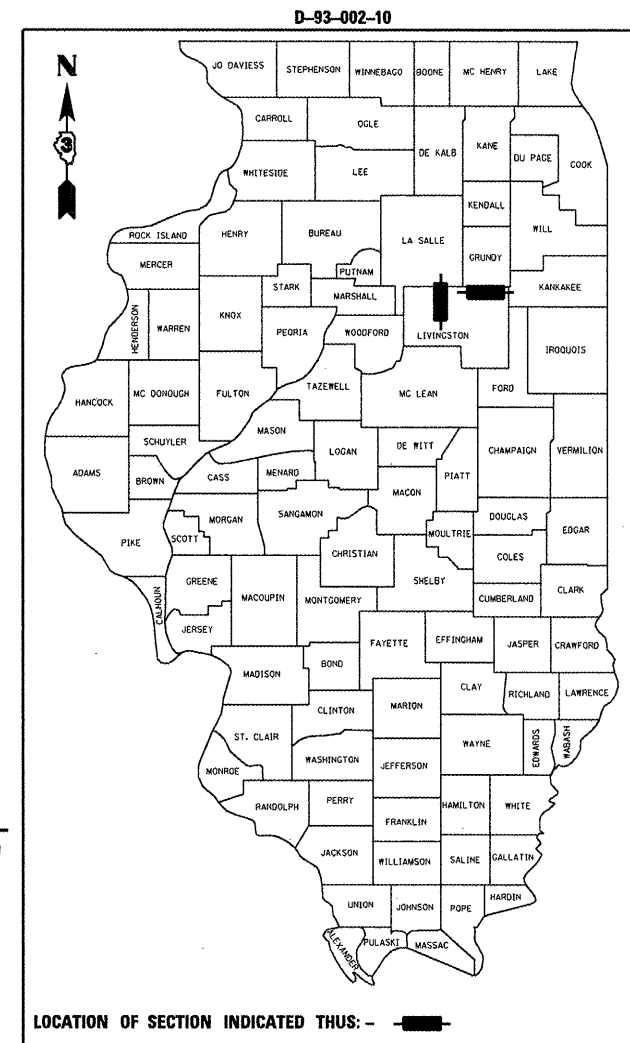
J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 OR 811

PROJECT ENGINEER: JOE KANNEL
 UNIT CHIEF: RON WOODSHANK
 TOWNSHIP: DWIGHT, ROUND GROVE,
 SUNBURY, ESMEN

CONTRACT NO. 66A43

GROSS LENGTH FAP 41 (IL 17) = 45408 FT. = 8.60 MILE
 GROSS LENGTH FAP 786 (IL 170) = 38016 FT. = 7.20 MILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
41 & 786	D3 CRACK SEAL 2011-2	LIVINGSTON	6	1
		ILLINOIS	CONTRACT NO. 66A43	



LOCATION OF SECTION INDICATED THUS: — ■ —

FUNCTIONAL CLASSIFICATION
 RURAL - OTHER PRINCIPAL ARTERIAL
 FAP ROUTE 317 (US 24)
 2005 ADT = 15100
 P.V. = 75.8 % M.U. = 17.7 % S.U. = 6.5 %
 FAP ROUTE 326 (IL 47)
 2003 ADT = 19800
 P.V. = 69.6 % M.U. = 23.5 % S.U. = 6.9 %

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED 3/19 20 10
George Ryan
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
June 25 20 10
Scott E. Stett, P.E. /s/
 acting ENGINEER OF DESIGN AND ENVIRONMENT
June 25 20 10
Christine M. Reed /s/
 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 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 FOR THE WORK.

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 ROUTED CRACKS:

CRACK FILLING MATERIAL	0.35	POUNDS/FOOT
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THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES FOR OPEN CRACKS OR JOINTS:

CRACK FILLING MATERIAL	0.50	POUNDS/FOOT
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DATE: 5-18-10

PREPARED BY: David Brovate
DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY: Robert Perry
DISTRICT CONSTRUCTION ENGINEER

Ng 2/1/10
DISTRICT MATERIALS ENGINEER

James Co. Buckner
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = woodshankr1	DESIGNED - RON WOODSHANK	REVISED - -----
c:\pw\work\pwsidat\woodshankr1\d0189877\366A34-details.dgn		DRAWN - RON WOODSHANK	REVISED - -----
	PLOT SCALE = 100.0000' / IN.	CHECKED - ----	REVISED - -----
	PLOT DATE = Apr 26, 2010 - 09:42:27 AM	DATE - -----	REVISED - -----

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

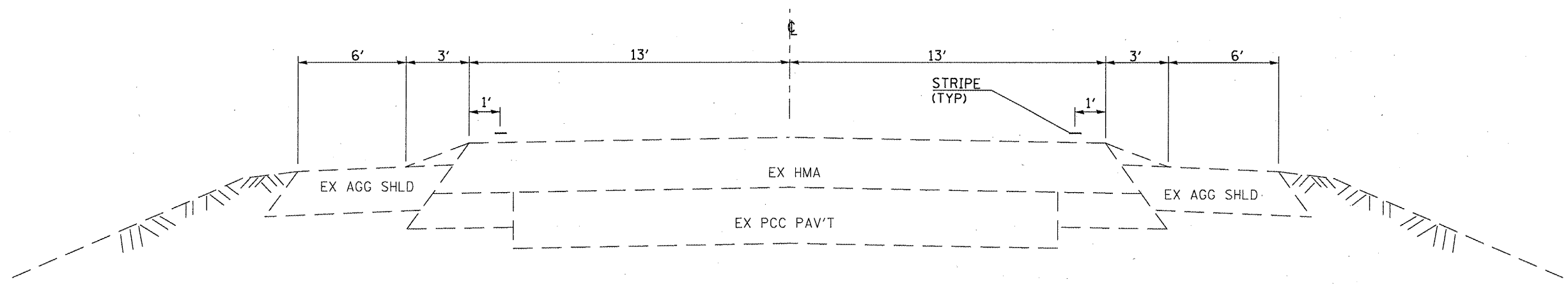
GENERAL NOTES

SCALE: -----	SHEET NO. 1 OF 1 SHEETS	STA. ----- TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			41 & 786	D3 CRACK SEAL 2011-2	LIVINGSTON	6	2
						CONTRACT NO. 66A43	
ILLINOIS							

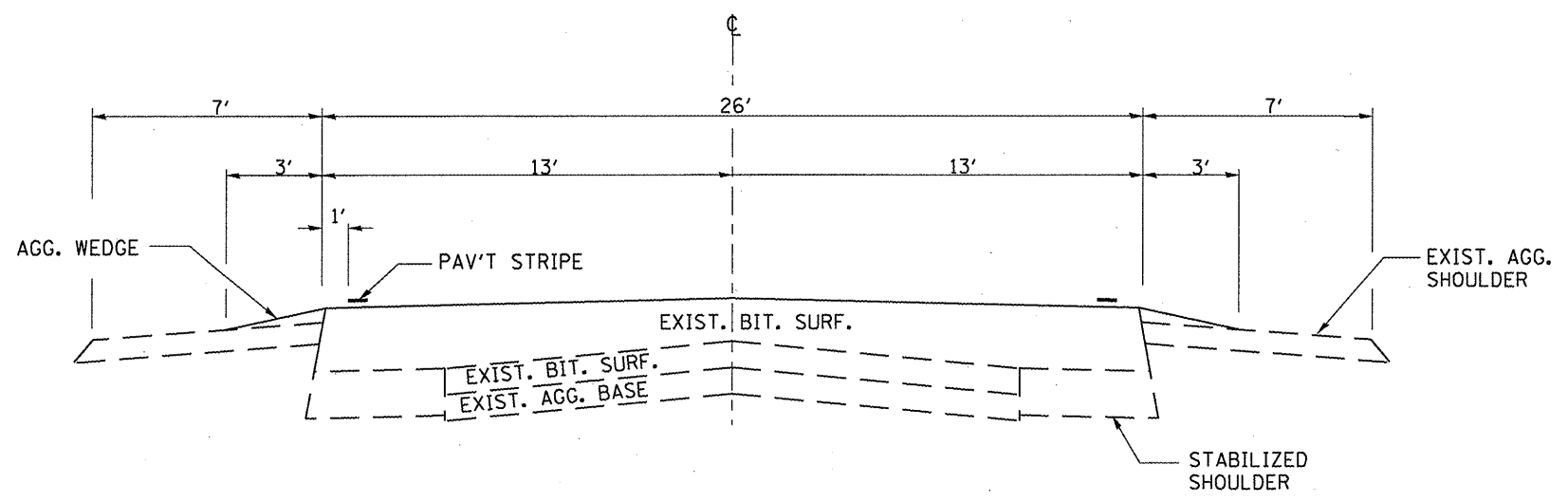
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	RURAL 100% STATE	
				FAP 41 FOOO	FAP 786 FOOO
45100100	CRACK ROUTING (PAVEMENT)	FOOT	69384	33072	36312
45100200	CRACK FILLING	POUND	24283	11574	12709
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	193778	90816	102962
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	20856	11352	9504

* SPECIALTY ITEMS



IL 17 TYPICAL SECTION



IL 170 TYPICAL SECTION

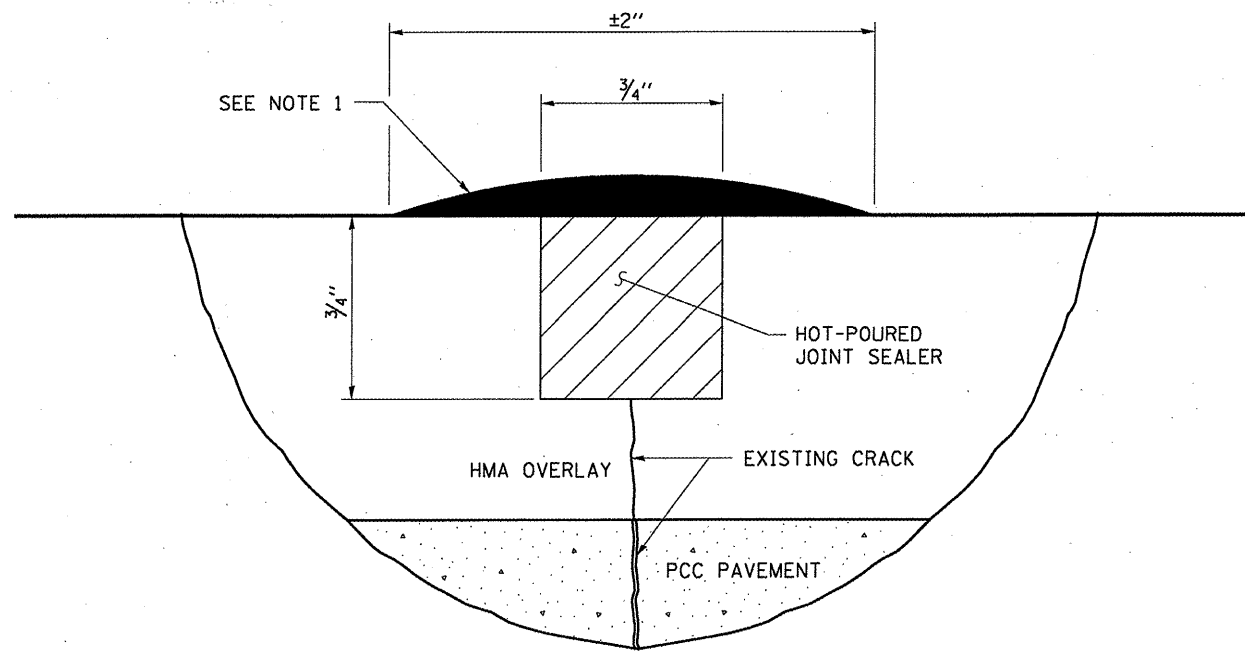
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PLOT DATE = Apr 26, 2010 - 09:42:37 AM	DATE -	REVISED -	ILLINOIS							
				SCALE: _____	SHEET NO. 1 OF 1 SHEETS	STA. _____ TO STA. _____				

CRACK ROUTING AND SEALING SCHEDULE - IL RTE. 17				
LOCATION		CRACK ROUTING (PAVEMENT)	CRACK FILLING	REMARKS
L.M.	- L.M.	FOOT	POUND	
L.M. 0.00				ECL OF DWIGHT (BANNON DR)
0.00	- 2.00	7952	2783	
L.M. 2.00				N 2900 E RD
2.00	- 3.00	5086	1780	
L.M. 3.00				N 3000 E RD
3.00	- 3.80	3867	1353	
L.M. 3.80				N 3100 E RD
3.80	- 4.80	7435	2602	
L.M. 4.80				N 3200 E RD
4.80	- 5.80	5857	2050	
L.M. 5.8				N 3300 E RD
5.80	- 6.80	1102	386	
L.M. 6.80				N 3400 E RD
6.80	- 7.10	261	91	
L.M. 7.10				N 3425 E RD
7.10	- 7.80	885	310	
L.M. 7.80				N 3500 E RD
7.80	- 8.60	627	219	
L.M. 8.60				WCL OF REDDICK (S 20000 W RD)
TOTAL		33072	11574	

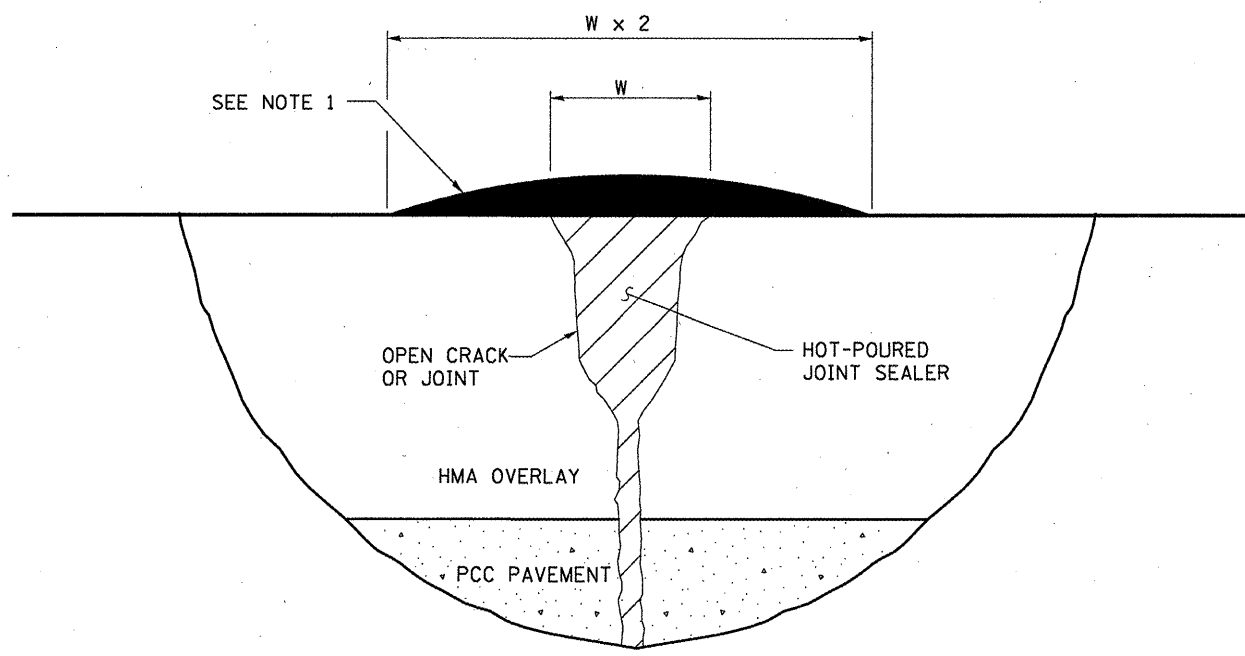
CRACK ROUTING AND SEALING SCHEDULE - IL RTE. 170				
LOCATION		CRACK ROUTING (PAVEMENT)	CRACK FILLING	REMARKS
L.M.	- L.M.	FOOT	POUND	
L.M. 0.00				IL RTE. 23
0.00	- 0.20			
L.M. 0.20				E 2500 N RD
0.20	- 1.20	5802	2031	
L.M. 1.20				E 2600 N RD
1.20	- 2.20	6443	2255	
L.M. 2.20				E 2700 N RD
2.20	- 3.20	6637	2323	
L.M. 3.2				E 2800 N RD
3.20	- 4.20	4661	1631	
L.M. 4.2				E 2900 N RD
4.20	- 5.20	3861	1351	
L.M. 5.20				E 3000 N RD
5.20	- 6.20	4658	1630	
L.M. 6.20				E 3100 N RD
6.20	- 7.20	4250	1488	
L.M. 7.20				IL RTE. 17
TOTAL		36312	12709	

PAVEMENT MARKING SCHEDULE - IL RTE. 17					
LOCATION		PAINT PAVEMENT MARKING LINE 4"		PAINT PAVEMENT MARKING LINE 6"	REMARKS
		FOOT		FOOT	
L.M.	- L.M.	YELLOW	WHITE	YELLOW	
L.M. 0.00					ECL OF DWIGHT (BANNON DR)
0.00	- 1.00		10560	1320	
L.M. 1.00					
1.00	- 2.00		10560	1320	
L.M. 2.00					N 2900 E RD
2.00	- 3.00		10560	1320	
L.M. 3.00					N 3000 E RD
3.00	- 3.80		8448	1056	
L.M. 3.80					N 3100 E RD
3.80	- 4.80		10560	1320	
L.M. 4.80					N 3200 E RD
4.80	- 5.80		10560	1320	
L.M. 5.8					N 3300 E RD
5.80	- 6.80		10560	1320	
L.M. 6.80					N 3400 E RD
6.80	- 7.10		3168	396	
L.M. 7.10					N 3425 E RD
7.10	- 7.80		7392	924	
L.M. 7.80					N 3500 E RD
7.80	- 8.60		8448	1056	
L.M. 8.60					WCL OF REDDICK (S 20000 W RD)
SUBTOTAL			90816	11352	
TOTAL			90816	11352	

PAVEMENT MARKING SCHEDULE - IL RTE. 170					
LOCATION		PAINT PAVEMENT MARKING LINE 4"		PAINT PAVEMENT MARKING LINE 6"	REMARKS
		FOOT		FOOT	
L.M.	- L.M.	YELLOW	WHITE	YELLOW	
L.M. 0.00					IL RTE. 23
0.00	- 0.20	1056	2112	264	
L.M. 0.20					E 2500 N RD
0.20	- 1.20	2377	10560	1320	
L.M. 1.20					E 2600 N RD
1.20	- 2.20	8818	10560	1320	
L.M. 2.20					E 2700 N RD
2.20	- 3.20	7392	10560	1320	
L.M. 3.2					E 2800 N RD
3.20	- 4.20	7287	10560	1320	
L.M. 4.2					E 2900 N RD
4.20	- 5.20		10560	1320	
L.M. 5.20					E 3000 N RD
5.20	- 6.20		10560	1320	
L.M. 6.20					E 3100 N RD
6.20	- 7.20		10560	1320	
L.M. 7.20					IL RTE. 17
SUBTOTAL		26930	76032	9504	
TOTAL		102962		9504	

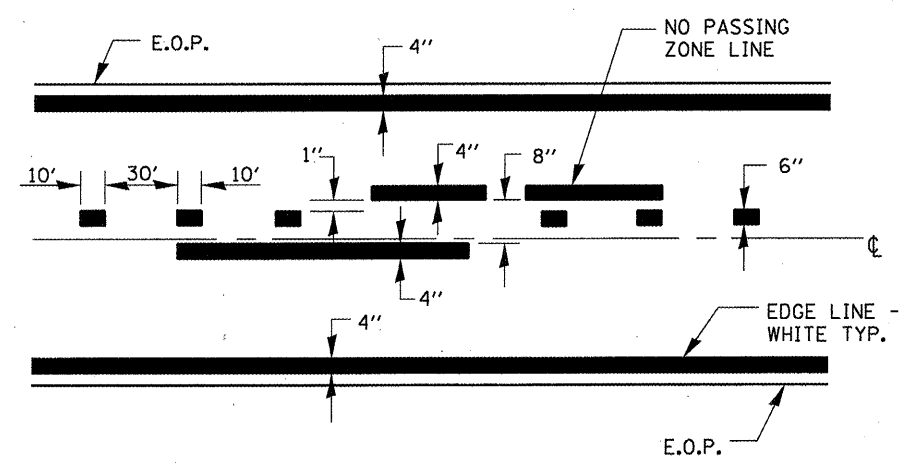


CRACK ROUTING AND SEALING DETAIL



CRACK OR JOINT SEALING DETAIL

NOTE 1
 THE CRACK OR JOINT SHALL BE SLIGHTLY OVERFILLED AND IMMEDIATELY SQUEEGEED TO PROVIDE A "BAND-AID" TYPE EFFECT APPROXIMATELY TWICE THE WIDTH OF THE ROUTED CRACK OR OPEN CRACK/JOINT FLUSH WITH THE PAVEMENT SURFACE AND WITH THE EDGES FEATHERED OUT.



CENTERLINE & NO PASSING ZONE LINES - YELLOW

TYPICAL PAVEMENT MARKINGS

FILE NAME =	USER NAME = woodshankr1	DESIGNED - RON WOODSHANK	REVISED -
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	PLOT DATE = Apr 26, 2010 - 09:43:02 AM	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
41 & 786	D3 CRACK SEAL 2011-2	LIVINGSTON	6	6
CONTRACT NO. 66A43			ILLINOIS	