

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

VARIOUS ROUTES  
SECTION D4 CRACK & JOINT SEAL 2015-1

PREVENTATIVE MAINTANACE  
VARIOUS COUNTIES

C-94-094-14

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 CRACK & JOINT SEAL 2015-1	VARIOUS	9	1
ILLINOIS			CONTRACT NO. 68B95	

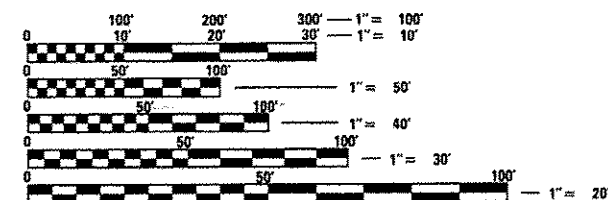
FOR INDEX OF SHEETS, SEE SHEET NO. 2

**STANDARDS**

- 701101-04
- 701301-04
- 701306-03
- 701311-03
- 701400-08
- 701401-09
- 701406-09
- 701411-09
- 701421-07
- 701901-04
- 701602-07

**PROJECT DESCRIPTION**

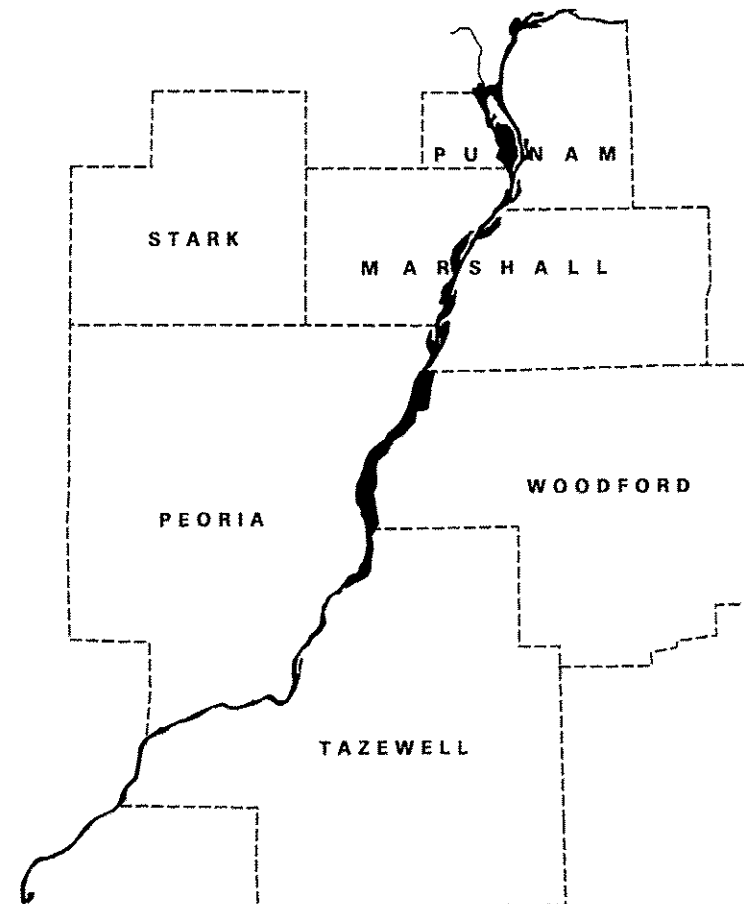
CRACK & JOINT SEALING ON VARIOUS ROUTES  
THROUGHOUT THE EASTERN HALF OF DISTRICT 4



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 MIKE LEWIS (309) 671-3454  
PROJECT MANAGER RAYMOND SAMARA(309) 671-3459  
CATALOG NO. 035132-00D  
CONTRACT NO. 68B95



GROSS LENGTH = N/A  
NET LENGTH = N/A



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED October 20 14

Paul D. Samara  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Jan 30 20 15  
John D. Baranzelli, P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 30 20 15  
Omer Osman, P.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

# INDEX OF SHEETS

- 1. COVER SHEET
- 2. COMMITMENTS/ JOB SPECIFIC NOTES
- 3. SUMMARY OF QUANTITIES
- 4. SCHEDULE OF QUANTITIES
- 5 - 8. LOCATIONS MAPS
- 9. CADD STANDARDS

## COMMITMENTS

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

## JOB SPECIFIC NOTES

ROUT & SEAL CENTERLINE, TRANSVERSE, INNER EDGELINE OF TURNING LANES AND CONSISTENT CENTER OF LANE CRACKS ONLY.

CARE SHALL BE EXERCISED TO KEEP SEALANT OFF EXISTING PAVEMENT MARKINGS. ANY DAMAGE TO THE PAVEMENT MARKINGS SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE. WORK SHALL BE DONE IN ACCORDANCE TO SECTION 780 OF THE STANDARD SPECIFICATIONS AND TO THE SATISFACTION OF THE ENGINEER.

ALL DIRT AND DEBRIS CREATED BY THE ROUTING OPERATION SHALL BE CLEANED FROM THE PAVEMENT AND PAVED SHOULDERS AT THE END OF THE DAY'S OPERATIONS ACCORDING TO ARTICLE 107.15 OF THE STANDARD SPECIFICATIONS.

LOCATIONS ARE NUMBERED BY PRIORITY. LOCATIONS SHALL BE COMPLETED IN THIS ORDER ONLY.

FILE NAME = 0468895-shr-cover.dgn	USER NAME = abuhannay	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>COMMITMENTS &amp; JOB SPECIFIC NOTES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 1/8"=1'-0"	DRAWN -	REVISED -			VAR.	D4 CRACK & JOINT SEAL 2015-1	VARIOUS	9	2	
	PLOT DATE = 10/15/2014	CHECKED -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
		DATE -	REVISED -			(ILLINOIS) FED. AID PROJECT					
CONTRACT NO. 68895											



CRACK ROUTING		
LOCATION		FEET
PEORIA COUNTY		
LOC. 1	IL 6 FROM US 150 TO 0.7 MILES NORTH OF HOERR'S POND	36,579
LOC. 2	IL 29 FROM GARDNER LANE TO MOSSVILLE BRIDGE	154,556
TAZEWELL COUNTY		
LOC. 3	IL 116 FROM BLACK JACK BLVD. IN EAST PEORIA TO WOODFORD COUNTY LINE	131,316
WOODFORD COUNTY		
LOC. 3	IL 116 FROM WOODFORD COUNTY LINE TO WEST CITY LIMITS OF METAMORA	196,203
LOC. 4	IL 251 FROM JUST NORTH OF IL 116 EAST TO WOODFORD/MARSHALL COUNTY LINE	48,612
TOTAL		567,266

CRACK FILLING		
LOCATION		POUNDS
PEORIA COUNTY		
LOC. 1	IL 6 FROM US 150 TO 0.7 MILES NORTH OF HOERR'S POND	12,193
LOC. 2	IL 29 FROM GARDNER LANE TO MOSSVILLE BRIDGE	51,519
TAZEWELL COUNTY		
LOC. 3	IL 116 FROM BLACK JACK BLVD. IN EAST PEORIA TO WOODFORD COUNTY LINE	43,772
WOODFORD COUNTY		
LOC. 3	IL 116 FROM WOODFORD COUNTY LINE TO WEST CITY LIMITS OF METAMORA	65,401
LOC. 4	IL 251 FROM JUST NORTH OF IL 116 EAST TO WOODFORD/MARSHALL COUNTY LINE	16,204
TOTAL		189,089

TRAFFIC CONTROL AND PROTECTION STANDARD 701306	
LOCATION	L. SUM
JOBSITE	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION STANDARD 701406	
LOCATION	L. SUM
JOBSITE	1
TOTAL	1

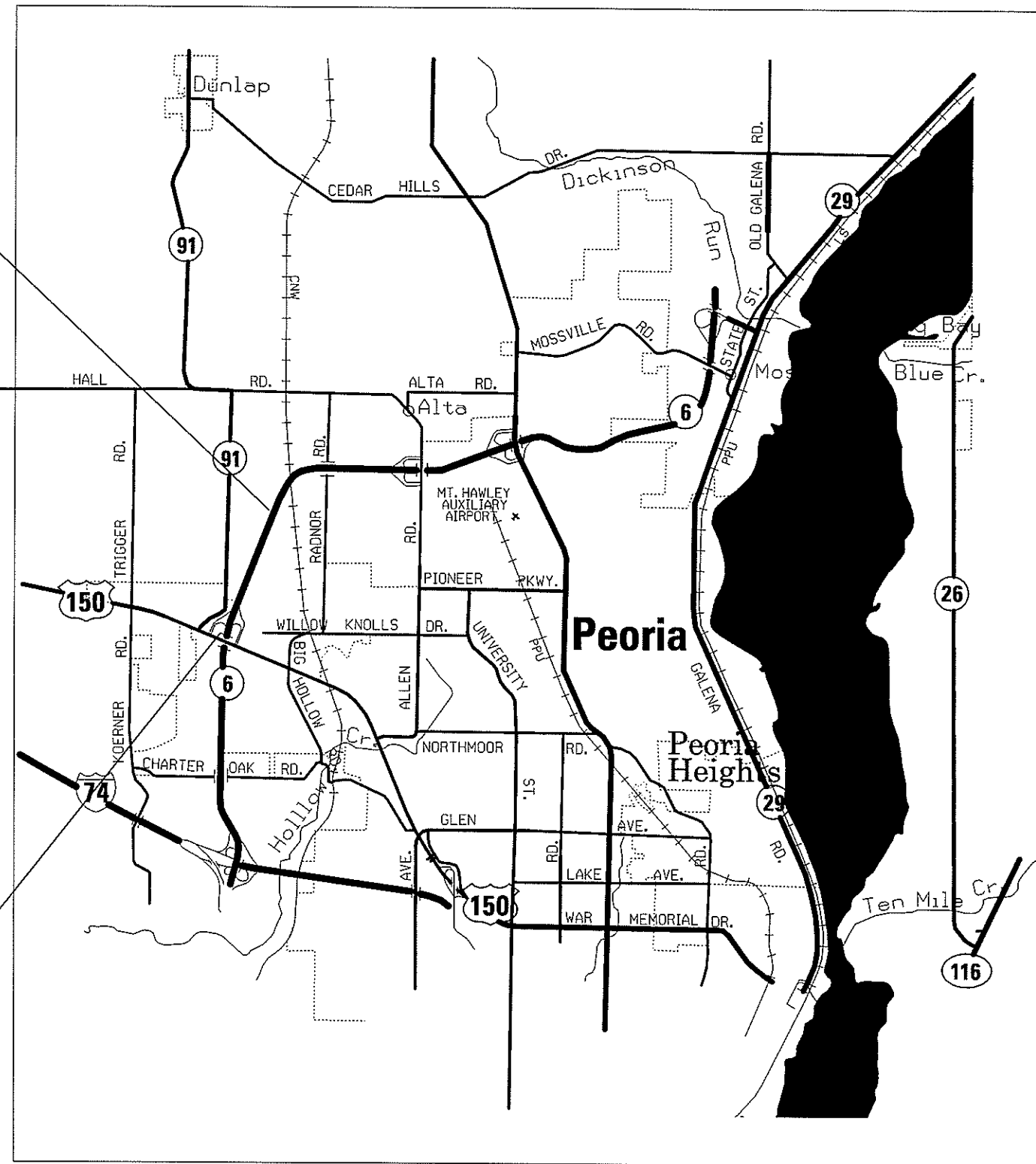
TRAFFIC CONTROL AND PROTECTION STANDARD 701411	
LOCATION	EACH
JOBSITE	6
TOTAL	6

TRAFFIC CONTROL AND PROTECTION STANDARD 701421	
LOCATION	L. SUM
JOBSITE	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION STANDARD 701602	
LOCATION	L. SUM
JOBSITE	1
TOTAL	1

MOBILIZATION	
LOCATION	L. SUM
JOBSITE	1
TOTAL	1

PROJECT BEGINS  
 IL 6  
 STA. 20+04 SBL  
 STA. 19+35 NBL



PROJECT ENDS  
 IL 6  
 STA. 91+84 SBL  
 STA. 97+07 NBL

BRIDGE OMISSION: STA. 57+35 TO STA. 58+39

FILE NAME =  
 0468895-sht-cover.dgn  
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USER NAME = ebuhanaw  
 PLOT SCALE = 100.4566' / in.  
 PLOT DATE = 10/15/2014

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

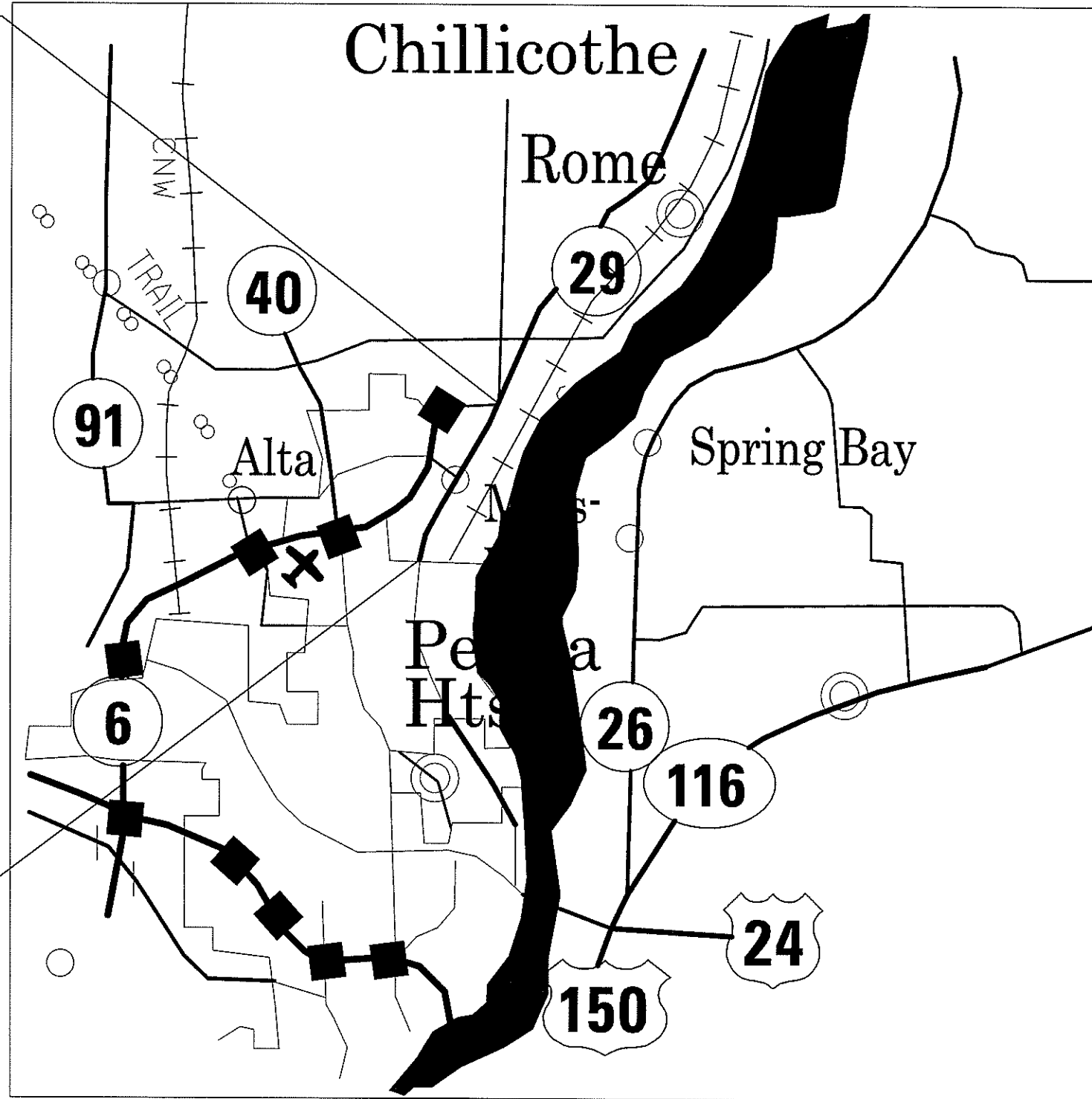
**LOCATION #1 - PEORIA COUNTY**  
 SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 CHECK & JOINT SEAL 2015-1	VARIOUS	9	5
CONTRACT NO. 68895			[ILLINOIS] FED. AID PROJECT	

PROJECT BEGINS  
IL 29  
STA. 54+95



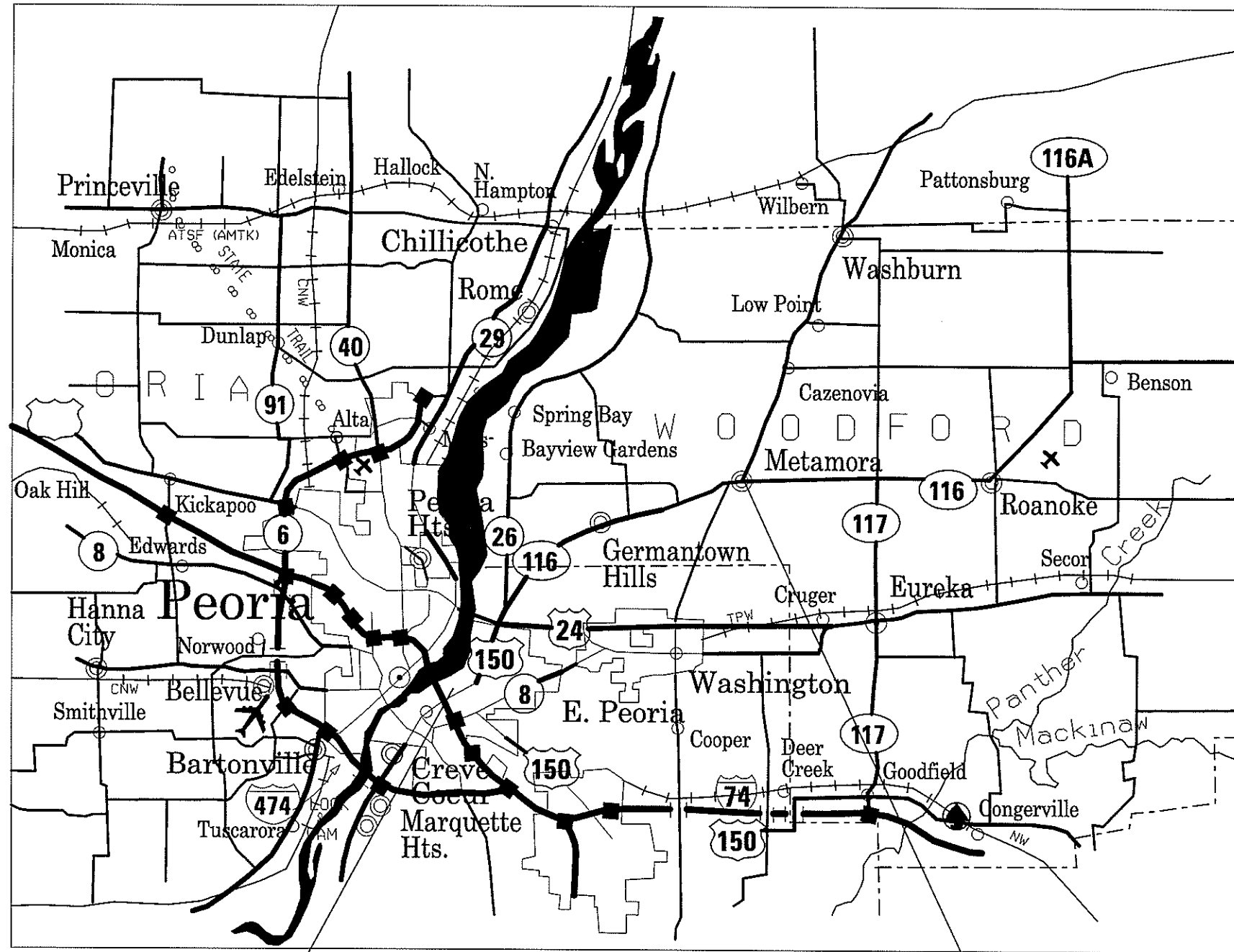
PROJECT ENDS  
IL 29  
STA. 286+40



BRIDGE OMISSION: STA. 80+31 TO STA. 81+08

FILE NAME = 0468895-shr-cover.dgn	USER NAME = abuhennaw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LOCATION #2 - PEORIA COUNTY</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 100.4566' / in.	DRAWN -	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	VAR.	04 CRACK & JOINT SEAL 2015-1	VARIOUS	9	6
	PLOT DATE = 10/15/2014	CHECKED -	REVISED -										
		DATE -	REVISED -										
CONTRACT NO. 68895												ILLINOIS FED. AID PROJECT	

BRIDGE OMISSION: STA. 296+16  
 STA. 317+32



PROJECT BEGINS  
 IL 116  
 STA. 76+57

PROJECT ENDS  
 IL 116  
 STA. 736+00

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 PLOT DATE = 10/15/2014

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 CHECKED -  
 DATE -

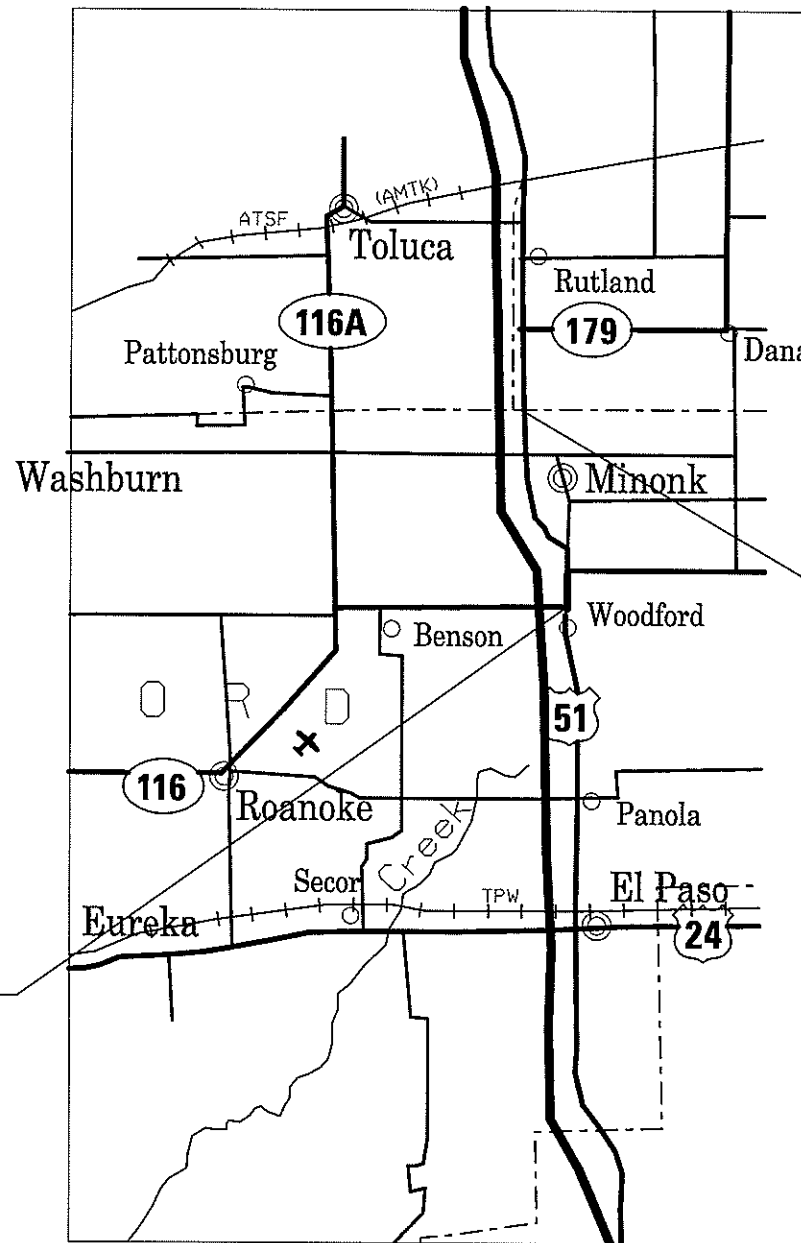
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION #3 - TAZEVELL/WOODFORD COUNTY

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 CRACK & JOINT SEAL 2015-1	VARIOUS	9	7
			CONTRACT NO. 68895	
ILLINOIS FED. AID PROJECT				



PROJECT BEGINS  
IL 251  
STA. 8+80

PROJECT ENDS  
IL 251  
STA 223+08

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USER NAME = abuhannaw  
PLOT SCALE = 100.0000' / in.  
PLOT DATE = 10/15/2014

DESIGNED -  
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DATE -

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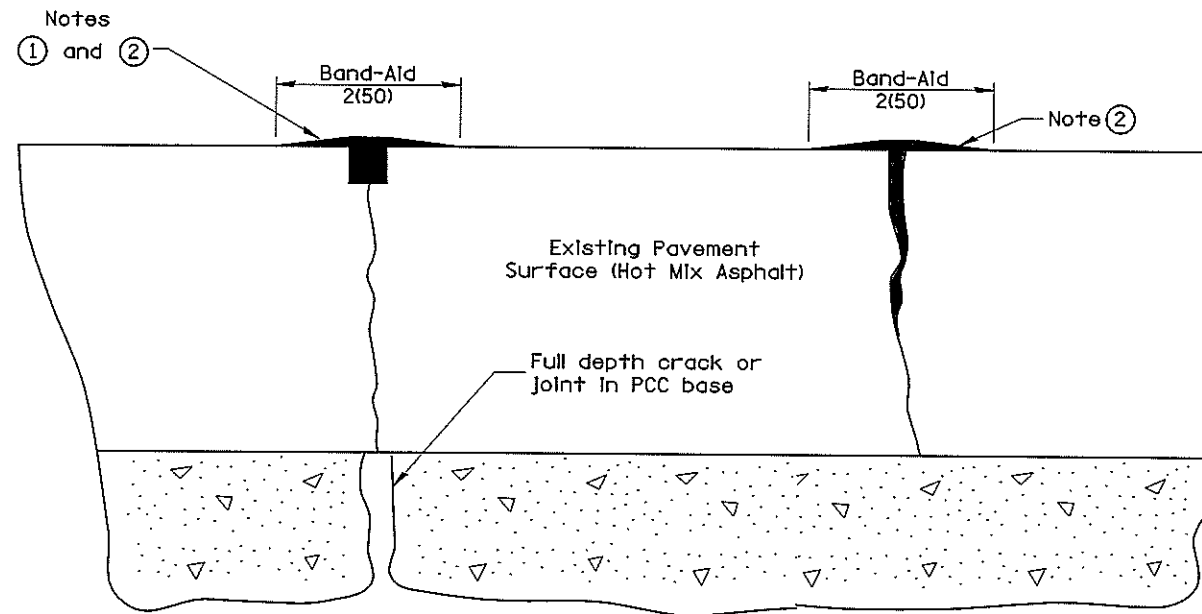
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION #4 - WOODFORD COUNTY

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 CRACK & JOINT SEAL 2015-1	VARIOUS	9	8
CONTRACT NO. 68B95			ILLINOIS FED. AID PROJECT	



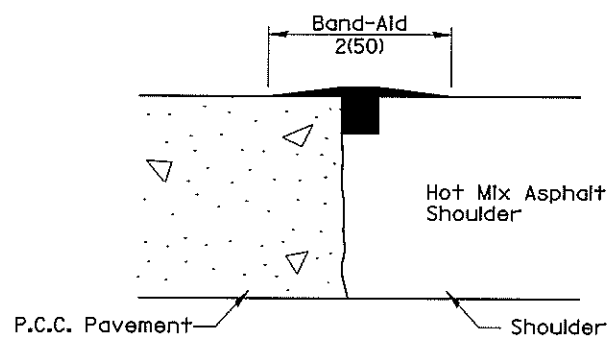


PRIMARY TRANSVERSE,  
LONGITUDINAL CRACK &  
P.C.C. CENTERLINE JOINT

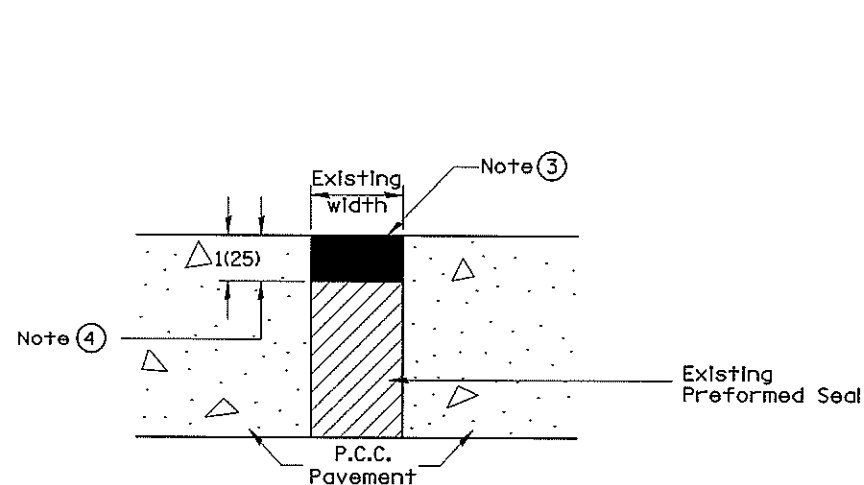
SECONDARY  
ADJACENT CRACK

**NOTES**

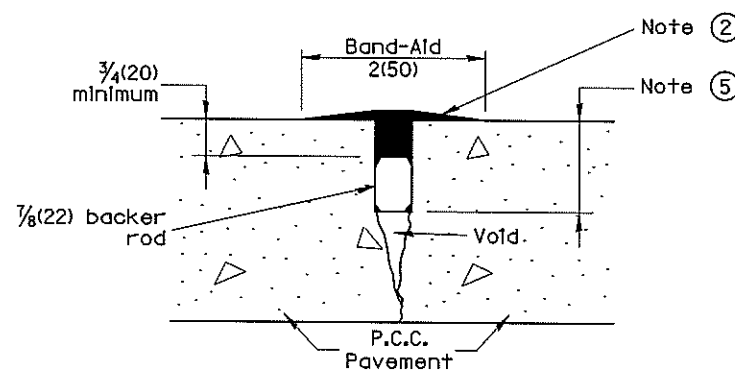
- ① Route or saw to  $\frac{3}{4}(20)$  wide by  $\frac{3}{4}(20)$  deep; (1:1 ratio).
- ② Overfill with sealant; squeegee to provide 2 (50) wide flush "band-aid" effect; feather edges flush.
- ③ Seal flush without "band-aid" effect.
- ④ Route to 1(25) depth; clean and reface walls.
- ⑤ Route or saw  $\frac{3}{4}(20)$  wide by variable depth. Depth based upon crack or joint depth and  $\frac{3}{4}(20)$  minimum sealer over backer rod.



SHOULDER JOINT (Notes ① & ②) AND  
LONGITUDINAL RANDOM CRACK (Notes ① & ③)



TRANSVERSE EXPANSION JOINT



**SPECIAL TREATMENT - BACKER ROD**  
FOR JOINTS AND/OR CRACKS GREATER  
THAN  $\frac{3}{4}(20)$  DEEP  
(DOES NOT APPLY TO TRANSVERSE RANDOM CRACKS  
IN CONTINUOUSLY REINFORCED PAVEMENTS)

**GENERAL NOTES**

1. Crack and Joint Sealing shall conform to Section 451 and 452.
2. The "Band Aid" width shall be reduced or eliminated in areas adjacent to existing pavement markings.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-36.01, NEW REVISE BOX	T.P.			
05-01-97	REVISED	E.T.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CRACK AND JOINT SEALING

NOT TO SCALE

CADD STD. 452001-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CRACK & JOINT SEAL 2015-1 VARIOUS		9	9
CONTRACT NO. 68895				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				