

FAP RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
0	17 2 6 1:109 EXT)CJS	HENDERSON	6	1
ALPHABETICALLY			CONTRACT NO. 68E66	

FAP 314 AND FAP 534

D-94-002-19



LOCATION OF SECTION INDICATED THUS: -

**PROJECT DESCRIPTION:**  
 CRACK AND JOINT SEALING ON US 34 (BIGGSVILLE BYPASS) AND ON IL 94/L 116 FROM 1425 N TO 0.14 MILES SOUTH OF 1500 N IN HENDERSON COUNTY.

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUBMITTED December 14, 2018  
Paul A. Thomas REGION THREE ENGINEER  
Feb 1, 2019  
Paul P. Chy ENGINEER OF DESIGN AND ENVIRONMENT  
Feb 1, 2019  
Paul P. Chy DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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INDEX OF SHEETS: 03-08-2019 LETTING ITEM 058

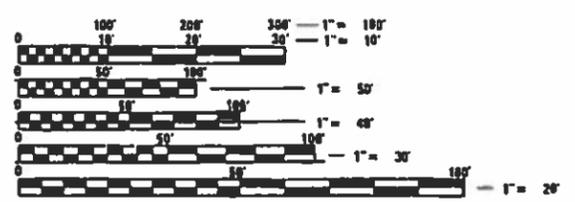
- 1 COVER SHEET
- 2 COMMITMENTS AND JOB SPECIFIC NOTES
- 3 SUMMARY OF QUANTITIES
- 4 LINE DIAGRAM
- 5 SCHEDULE OF QUANTITIES
- 6 CRACK AND JOINT SEALING

**HIGHWAY STANDARDS:**

- 701301-04
- 701306-04
- 701311-03
- 701400-09
- 701406-12
- 701411-09
- 701428-01
- 701901-08

**DISTRICT STANDARDS:**

- 452001-D4



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: RICHARD DOTSON (309) 671-3455  
 PROJECT MANAGER: RAYMOND SAMARA (309) 671-3460  
 SQUAD LEADER: MICHAEL JACOBS (309) 671-3460

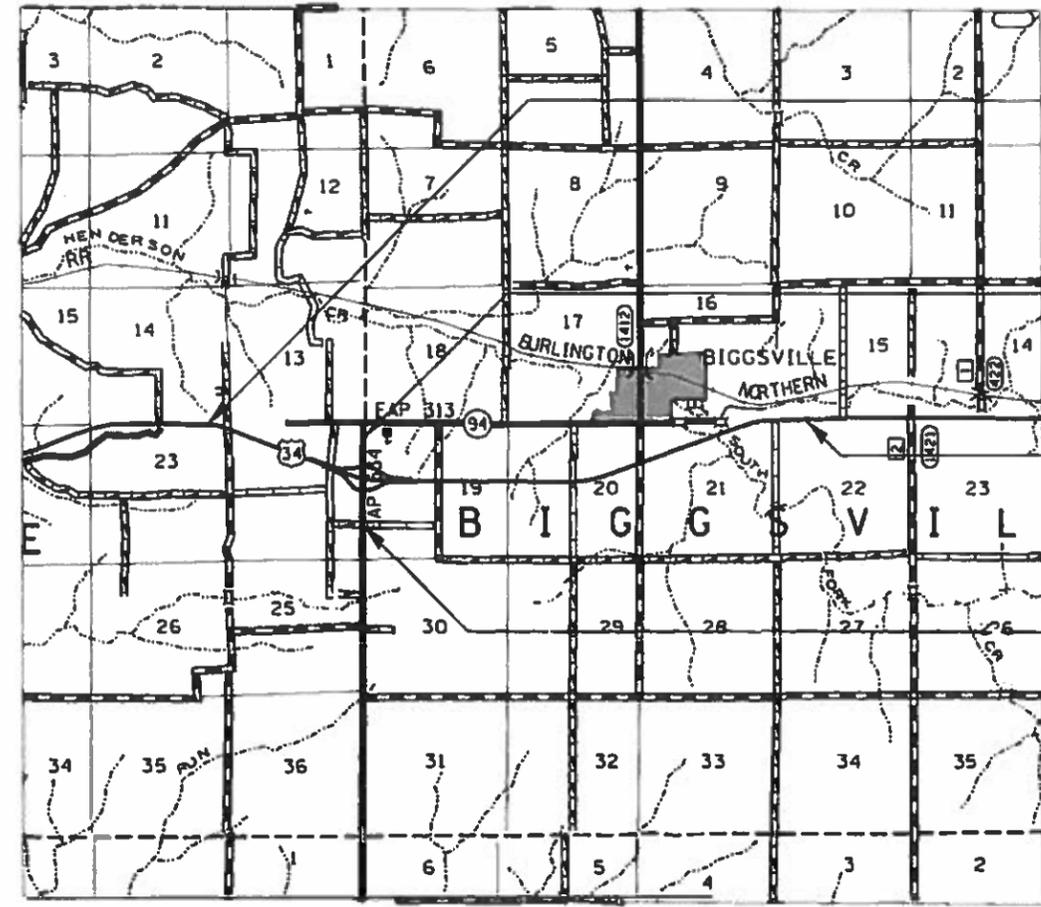
CATALOG NO. 035662-00D  
 CONTRACT NO. 68E66

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**PROPOSED  
 HIGHWAY PLANS**

FAP 314 (US 34) AND FAP 534 (IL 94/L 116)  
 SECTION (7-2;6-1;109 EXT)CJS  
 PROJECT NHPP-STP-DLRT(473)  
 CRACK AND JOINT SEALING  
 HENDERSON COUNTY

C-94-002-19



PROJECT BEGINS (US 34):  
 STA. 508+00 BK.  
 STA. 515+00 AH.

PROJECT BEGINS (IL 94/L 116):  
 STA. 10+00

PROJECT ENDS (US 34):  
 STA. 825+00

PROJECT ENDS (IL 94/L 116):  
 STA. 43+15

GROSS LENGTH = 34,315 FT. = 6.499 MILE  
 NET LENGTH = 33,475 FT. = 6.340 MILE

**COMMITMENTS**

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

**NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT**

**JOB SPECIFIC NOTES**

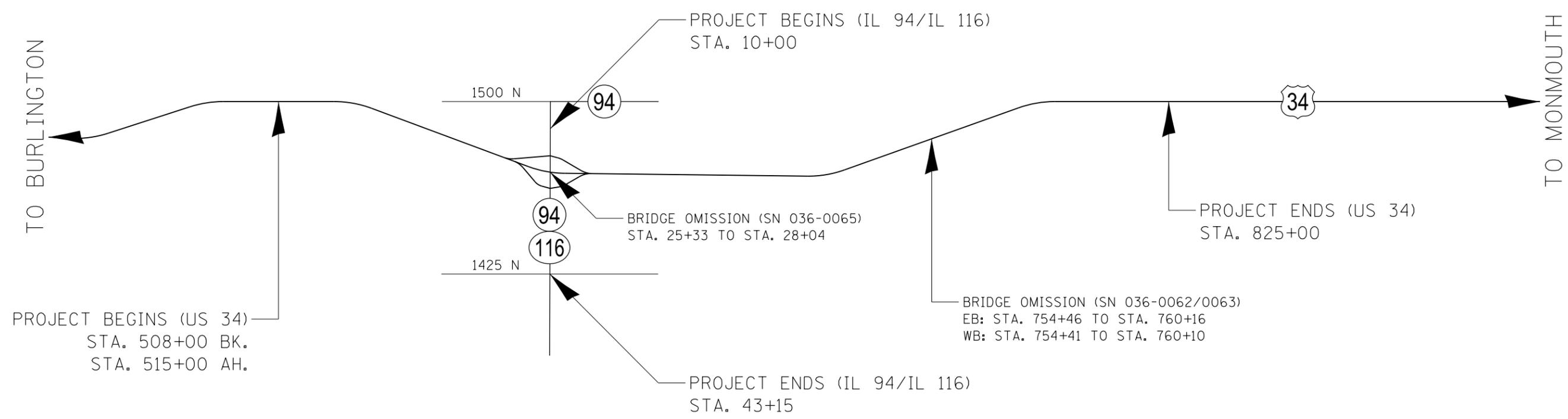
- A) Rout and seal centerline, transverse, inner edgeline, outer edgeline, and consistent center of lane cracks.
- B) Care shall be exercised to keep sealant off existing pavement markings. Any damage to the pavement markings shall be repaired by the contractor at his/her own expense. Work shall be done in accordance to Section 780 of the Standard Specifications and to the satisfaction of the Engineer.
- C) 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, and at other times directed by the Engineer according to Article 107.15 of the Standard Specifications.

MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$

\* FAP 314 AND FAP 534

USER NAME = \$USERS\$	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>COMMITMENTS AND JOB SPECIFIC NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			*	(7-2;6-1;109 EXT)CJS	HENDERSON	6	2	
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -			CONTRACT NO. 68E66					
PLOT DATE = \$DATES\$	DATE -	REVISED -			SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.





MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$

\* FAP 314 AND FAP 534

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LINE DIAGRAM**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7-2;6-1;109 EXT)CJS	HENDERSON	6	4
CONTRACT NO. 68E66				
ILLINOIS		FED. AID PROJECT		

CRACK ROUTING AND FILLING *	
LOCATION	POUND
US 34	110,000
IL 94/IL 116	15,000
<b>TOTAL</b>	<b>125,000</b>

\* SEE JOB SPECIFIC NOTE "A" ON SHEET NUMBER 2

TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	
LOCATION	L SUM
IL 94/IL 116	1
<b>TOTAL</b>	<b>1</b>

TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	
LOCATION	L SUM
US 34	1
<b>TOTAL</b>	<b>1</b>

MOBILIZATION	
LOCATION	L SUM
US 34	0.5
IL 94/IL 116	0.5
<b>TOTAL</b>	<b>1</b>

TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	
LOCATION	EACH
US 34	4
<b>TOTAL</b>	<b>4</b>

MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$

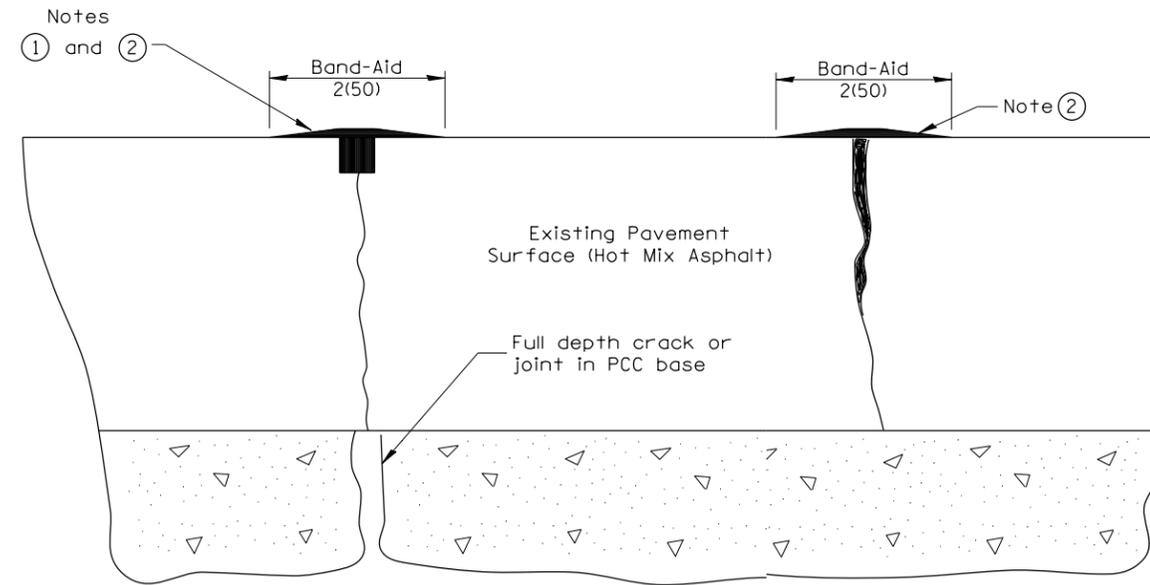
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

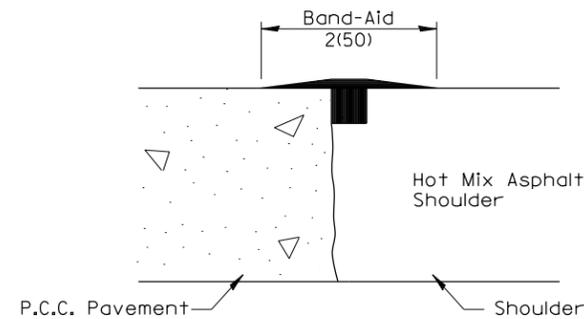
SCHEDULE OF QUANTITIES			
SCALE:	SHEET 1	OF 1	SHEETS

\* FAP 314 AND FAP 534

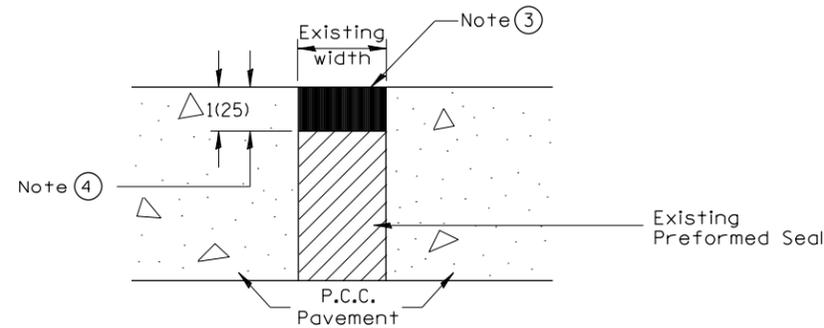
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7-2;6-1;109 EXT)CJS	HENDERSON	6	5
			CONTRACT NO. 68E66	
			ILLINOIS FED. AID PROJECT	



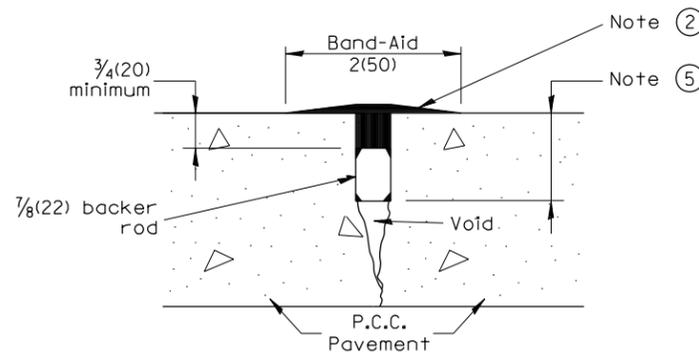
PRIMARY TRANSVERSE, LONGITUDINAL CRACK & P.C.C. CENTERLINE JOINT      SECONDARY ADJACENT CRACK



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 3/4(20) DEEP  
(DOES NOT APPLY TO TRANSVERSE RANDOM CRACKS IN CONTINUOUSLY REINFORCED PAVEMENTS)

**NOTES**

- ① Route or saw to 3/4(20) wide by 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 3/4(20) wide by variable depth. Depth based upon crack or joint depth and 3/4(20) minimum sealer over backer rod.
- ⑥ Crack and Joint Sealing shall conform to Section 451 and 452
- ⑦ The "Band Aid" width shall be reduced or eliminated in areas adjacent to existing pavement markings as directed by the Engineer.

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

\* FAP 314 AND FAP 534

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.
01-01-17	REVISED	R.D.

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CRACK AND JOINT SEALING**

NOT TO SCALE

CADD STD. 452001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(7-216-1)109 EXTICJS	HENDERSON	6	6
			CONTRACT NO. 68E66	
ILLINOIS FED. AID PROJECT				