

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 COMMITMENTS/JOB SPECIFIC NOTES
- 3 SUMMARY OF QUANTITIES
- 4 SCHEDULE OF QUANTITIES
- 5-11 LOCATION MAPS
- 12 CADD STANDARDS

**HIGHWAY STANDARDS**

- 701301-04
- 701306-04
- 701311-03
- 701501-06
- 701502-09
- 701901-08

**DISTRICT STANDARDS**

452001



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: ANDREW MITCHELL 309-671-3460

CATALOG NO. 035756-00D  
CONTRACT NO. 68F06

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

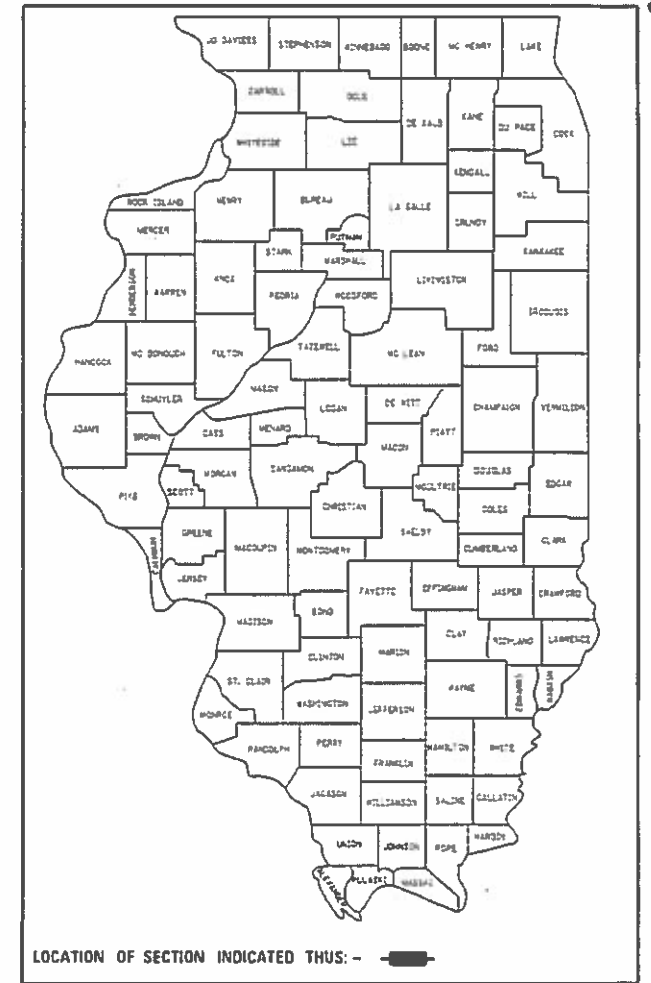
**VARIOUS ROUTE**  
**SECTION D4 ROUT AND SEAL 2020**  
**PROJECT STP-7IEF(234)**  
**TYPE of IMPROVEMENT: PAVEMENT PRESERVATION**  
**VARIOUS COUNTIES**

C-94-053-19



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04	CRACK & JOINT SEAL 2020	VARIOUS	12	1
ILLINOIS			CONTRACT NO. 68F06	

D-94-034-19



LOCATION OF SECTION INDICATED THUS: —

**PROJECT DESCRIPTION:**

**CRACK AND JOINT SEALING AT VARIOUS LOCATIONS WITHIN THE WESTERN HALF OF DISTRICT 4**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED May 15, 2019  
Kenneth A. Garnett RSD  
REGION THREE ENGINEER

June 28, 2019  
Scott A. Etkin  
ENGINEER OF DESIGN AND ENVIRONMENT

June 28, 2019  
David L. [Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY**  
**OF THE STATE OF ILLINOIS**

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

**COMMITMENTS**

**COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN CONSENT OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE**

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

**JOB SPECIFIC NOTES**

**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 =	USER NAME = mitchelleg	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.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 4\Projects\D4.68F06\Drawings\Design\04xxxx-Design.dgn		CHECKED -	REVISED -			VAR.	D4 CRACK & JOINT SEAL 2020	VARIOUS	12	2
Default	PLOT SCALE = 400.0050' / in.	DATE -	REVISED -			<b>CONTRACT NO. 68F06</b>				
	PLOT DATE = 5/10/2019	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST. CODE
				80 % FEDERAL
				20 % STATE
				VAR. COUNTIES
				0005
67100100	MOBILIZATION	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1
X4510100	CRACK ROUTING AND FILLING	POUND	429349	429349

FILE NAME =	USER NAME = mitchelleg	DESIGNED -	REVISED -
pw\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 4\Projects\04_68F06\04_68F06.dgn		04_68F06.dgn	04_68F06.dgn
	PLOT SCALE = 400.0050' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/10/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04 CRACK & JOINT SEAL 2020	VARIOUS	12	3
			CONTRACT NO. 68F06	
ILLINOIS FED. AID PROJECT				

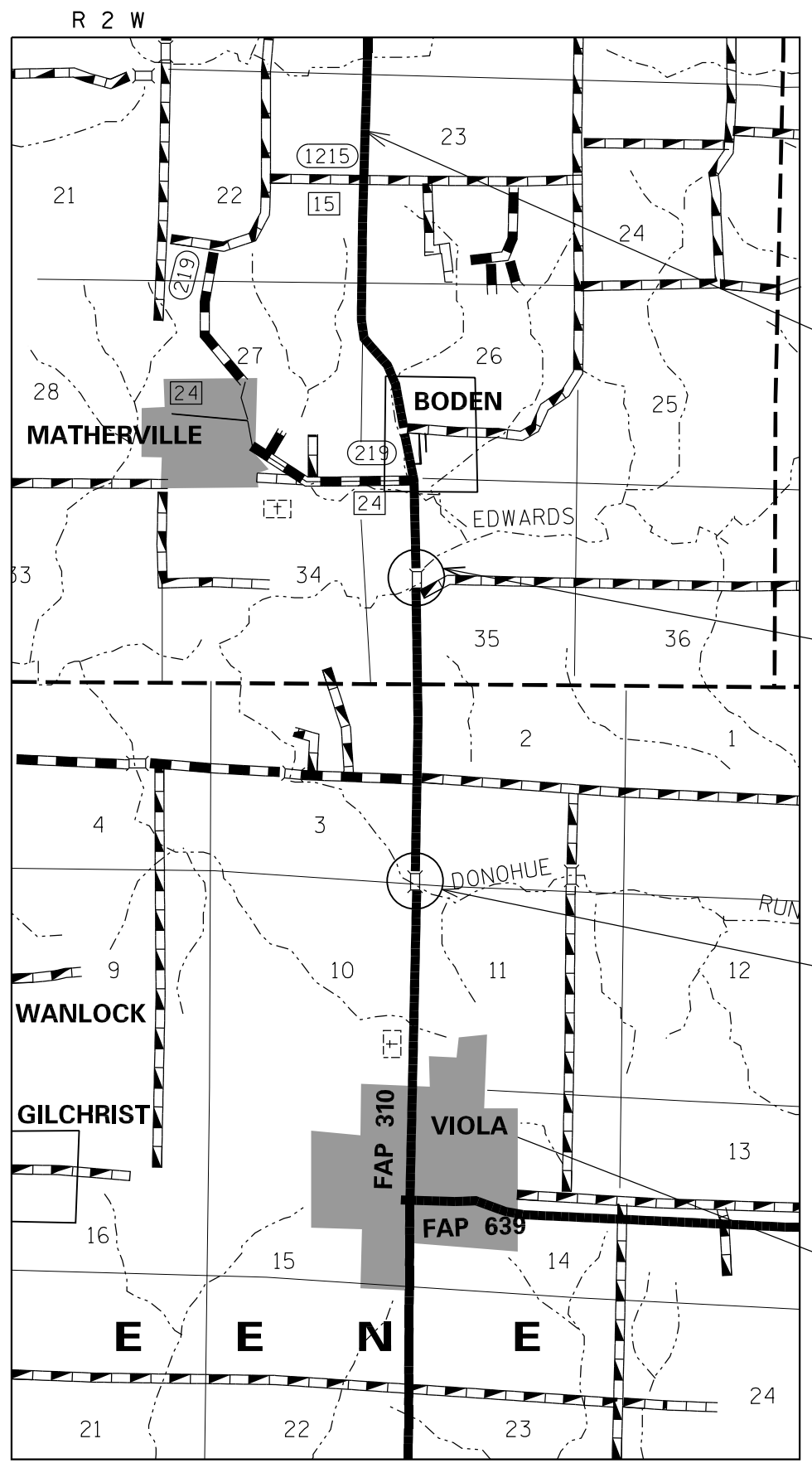
TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	
LOCATION	L SUM
JOBSITE	1
<b>TOTAL</b>	<b>1</b>

TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	
LOCATION	L SUM
JOBSITE	1
<b>TOTAL</b>	<b>1</b>

TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	
LOCATION	L SUM
JOBSITE	1
<b>TOTAL</b>	<b>1</b>

MOBILIZATION	
LOCATION	L SUM
JOBSITE	1
<b>TOTAL</b>	<b>1</b>

CRACK ROUTING AND FILLING			
LOCATION			POUND
<b>MERCER COUNTY</b>			
LOCATION 1	ROUTE	10TH AVE. IN VIOLA NORTH TO RIDGE ROAD	76422
LOCATION 2	IL 17	IL 94(N) IN ALEDO EAST TO CH 3 (220TH ST.)	51480
<b>HENDERSON COUNTY</b>			
LOCATION 3	IL 116	SMITHSHIRE RD (950 N) EAST OF MEDIA TO WARREN COUNTY LINE	28947
<b>WARREN COUNTY</b>			
LOCATION 3	IL 116	WARREN /HENDERSON COUNTY LINE TO US 67 WEST OF ROSEVILLE	36117
<b>PEORIA COUNTY</b>			
LOCATION 4	IL 116	IL 78 EAST OF FARMINGTON TO EDEN ROAD	112152
LOCATION 5	IL 116	GREENGOLD ROAD TO N. CAROLE STREET IN HANNA CITY	26130
LOCATION 6	US 24	KINGSTON MINES TO FULTON COUNTY LINE	16113
<b>FULTON COUNTY</b>			
LOCATION 6	US 24	FULTON /PEORIA COUNTY LINE TO BANNER	37700
<b>STARK COUNTY</b>			
LOCATION 7	IL 91	IL 17 /91 JCT IN TOULON TO IL 93	44288
<b>TOTAL</b>			<b>429,349</b>



IMPROVEMENT BEGINS  
STA. 427+58.00

BRIDGE OMISSION (SN 066-0017)  
STA 533+77.34 TO STA 540+44.91

BRIDGE OMISSION (SN 066-0015)  
STA 615+92.63 TO STA 617+76.13

IMPROVEMENT ENDS  
STA. 669+82.10

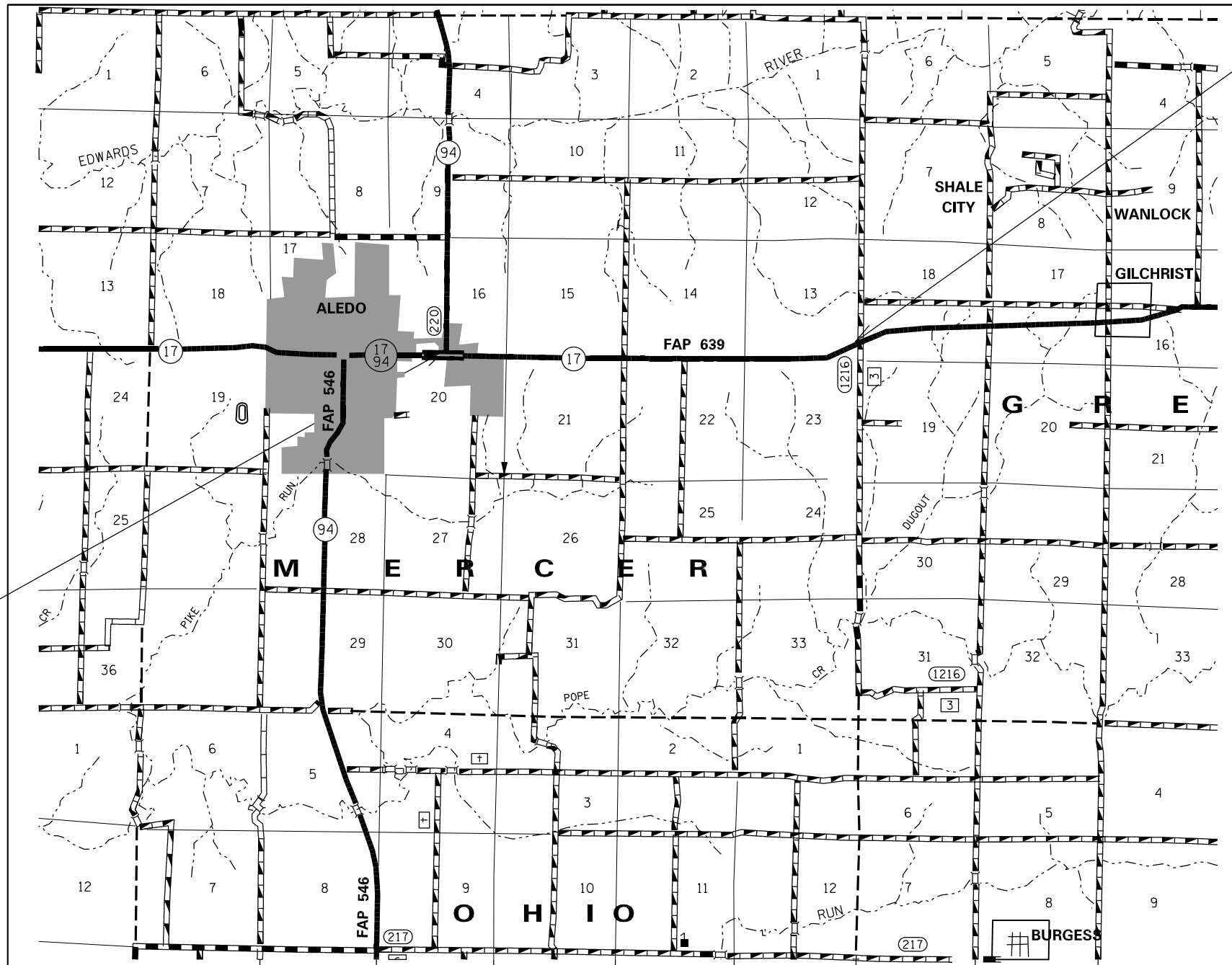
Bridge Omission:  
Sta. 533+77.34 to Sta. 540+44.91  
Sta. 615+92.63 to Sta. 617+76.13

FILE NAME =	USER NAME = mitchellg	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LOCATION #1 US 67 MERCER COUNTY</b>			F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 4\Projects\D4.68F06\Drawn\Design\04xxxx-Design.dgn		CHECKED -	REVISED -					D4 CRACK & JOINT SEAL 2020	VARIOUS	12	5	
Default	PLOT SCALE = 400.0050' / in.	DATE -	REVISED -		SCALE:			SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 68F06		
	PLOT DATE = 5/10/2019				ILLINOIS FED. AID PROJECT							



R 3 W

T 14 N



PROJECT BEGINS  
STA. 827+20.34

PROJECT ENDS  
STA. 1005+30.00

1700E

2000E

2400E

1200N

900N

600N

FILE NAME =	USER NAME = mitchellg	DESIGNED -	REVISED -
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 4\Projects\D4.68F00\Drawn\Design\04xxxx-Design.dgn		REVISED -	REVISED -
Default	PLOT SCALE = 400.0050' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/10/2019	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION #2 IL 17 MERCER COUNTY

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4 CRACK & JOINT SEAL 2020	VARIOUS	12	6
CONTRACT NO. 68F06				
ILLINOIS FED. AID PROJECT				



R4W

R3W

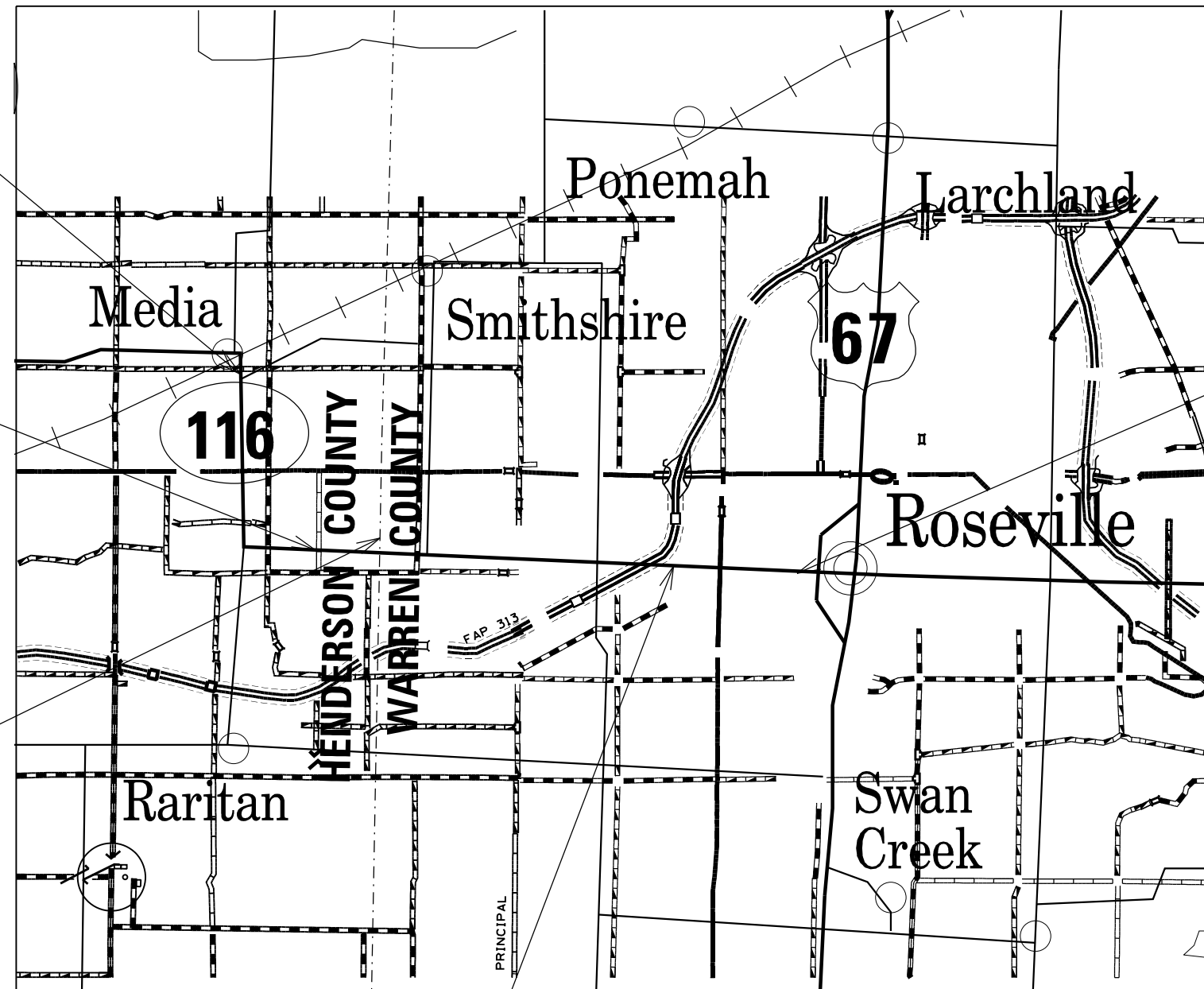
PROJECT BEGINS  
STA. 223+63.16

STA. EQUATION:  
STA. 369+15.58 (BK) =  
STA. 369+07.76 (AH)

PROJECT ENDS  
STA. 744+50.00

T9N

COUNTY LINE  
STA. 469+79.52



STRUCTURE OMISSION  
S.N. 094-0044  
STA. 577+18.77 TO  
STA. 578+42.45

Structure Omission:  
Sta. 577+18.77 to Sta. 578+42.45

FILE NAME =	USER NAME = mitchellg	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LOCATION #3 IL 116 WARREN / HENDERSON COUNTY</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 4\Projects\D4.68F06\Drawn\Design\04xxxx-Design.dgn		CHECKED -	REVISED -			D4 CRACK & JOINT SEAL 2020	VARIOUS	12	7	
Default		DATE -	REVISED -			CONTRACT NO. 68F06			ILLINOIS FED. AID PROJECT	
						SCALE:	SHEET OF SHEETS	STA. TO STA.		



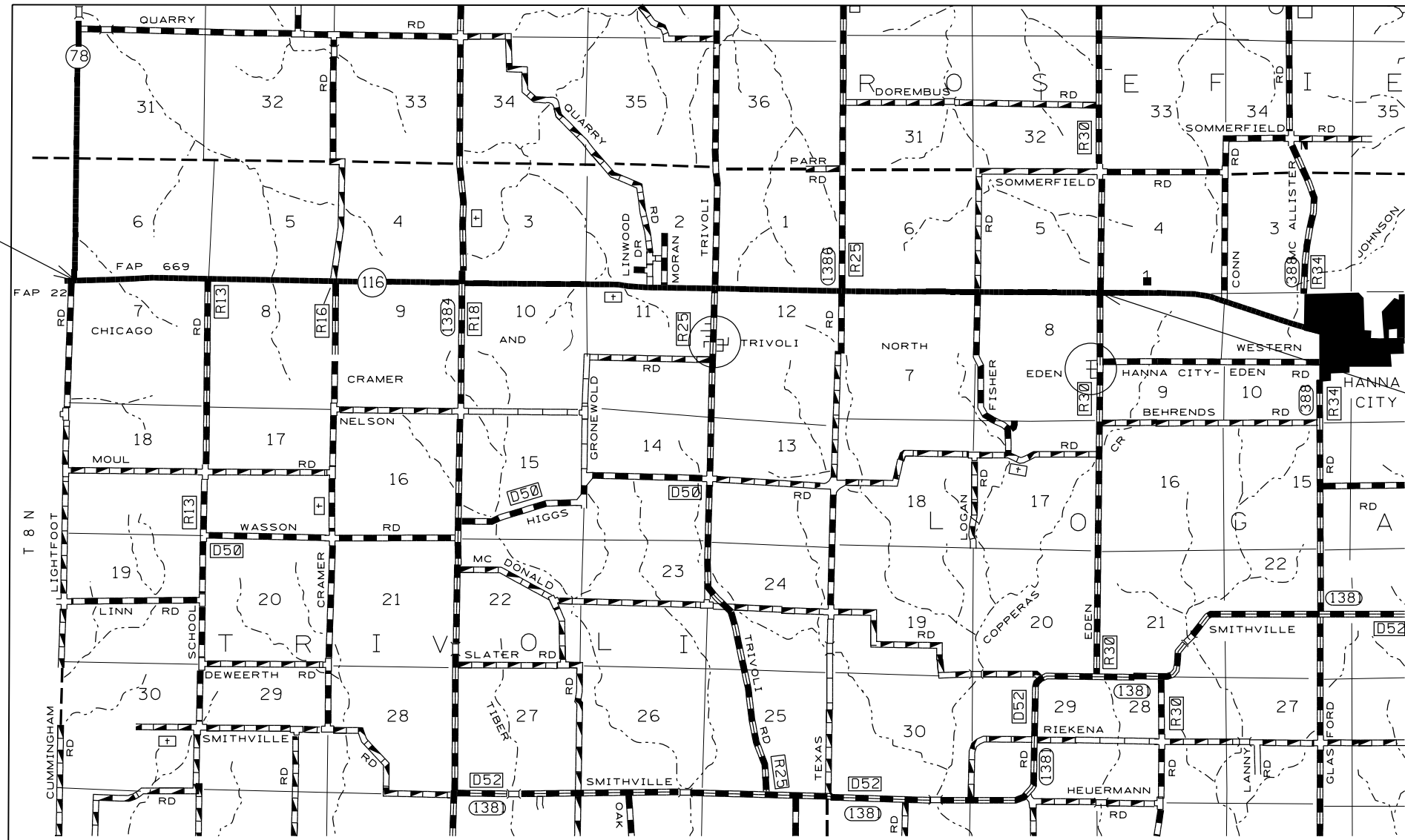
R5E

R6E

PROJECT BEGINS  
STA. 13+70

PROJECT ENDS  
STA. 780+00

T8N



FILE NAME =	USER NAME = mitchellg	DESIGNED -	REVISED -
p:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 4\Projects\D4.68F06\Drawings\Design\04xxxx-Design.dgn		REVISED -	REVISED -
Default	PLOT SCALE = 400.0290' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/15/2019	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION #4 IL 116 PEORIA COUNTY

SCALE: SHEET OF SHEETS STA. TO STA.

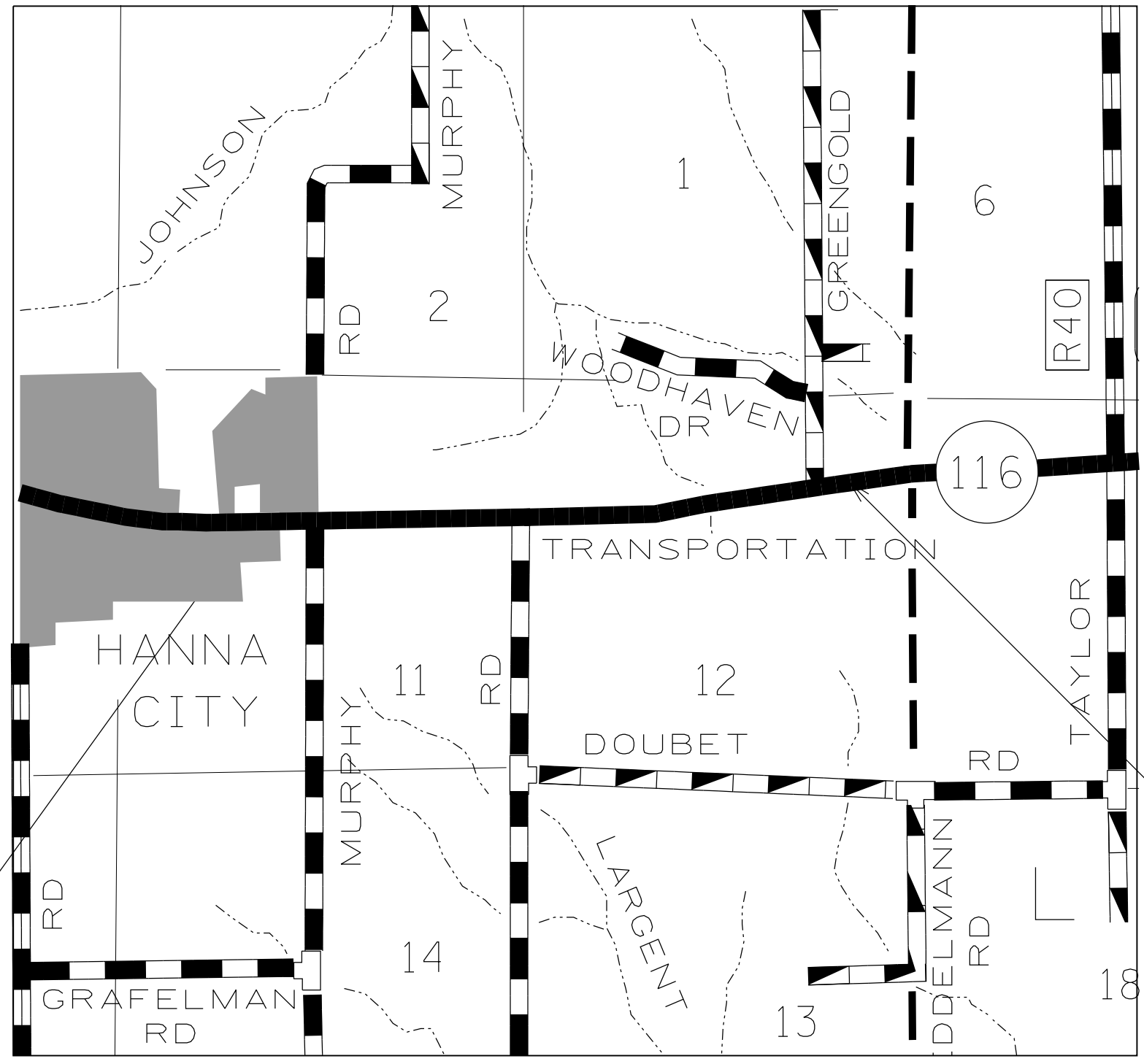
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4 CRACK & JOINT SEAL 2020	VARIOUS	12	8
			CONTRACT NO. 68F06	
ILLINOIS FED. AID PROJECT				



R 6 E

T 9 N

T 8 N



END PROJECT  
N CAROLE STREET  
STA. 652+55

BEGIN PROJECT  
STA. 571+14

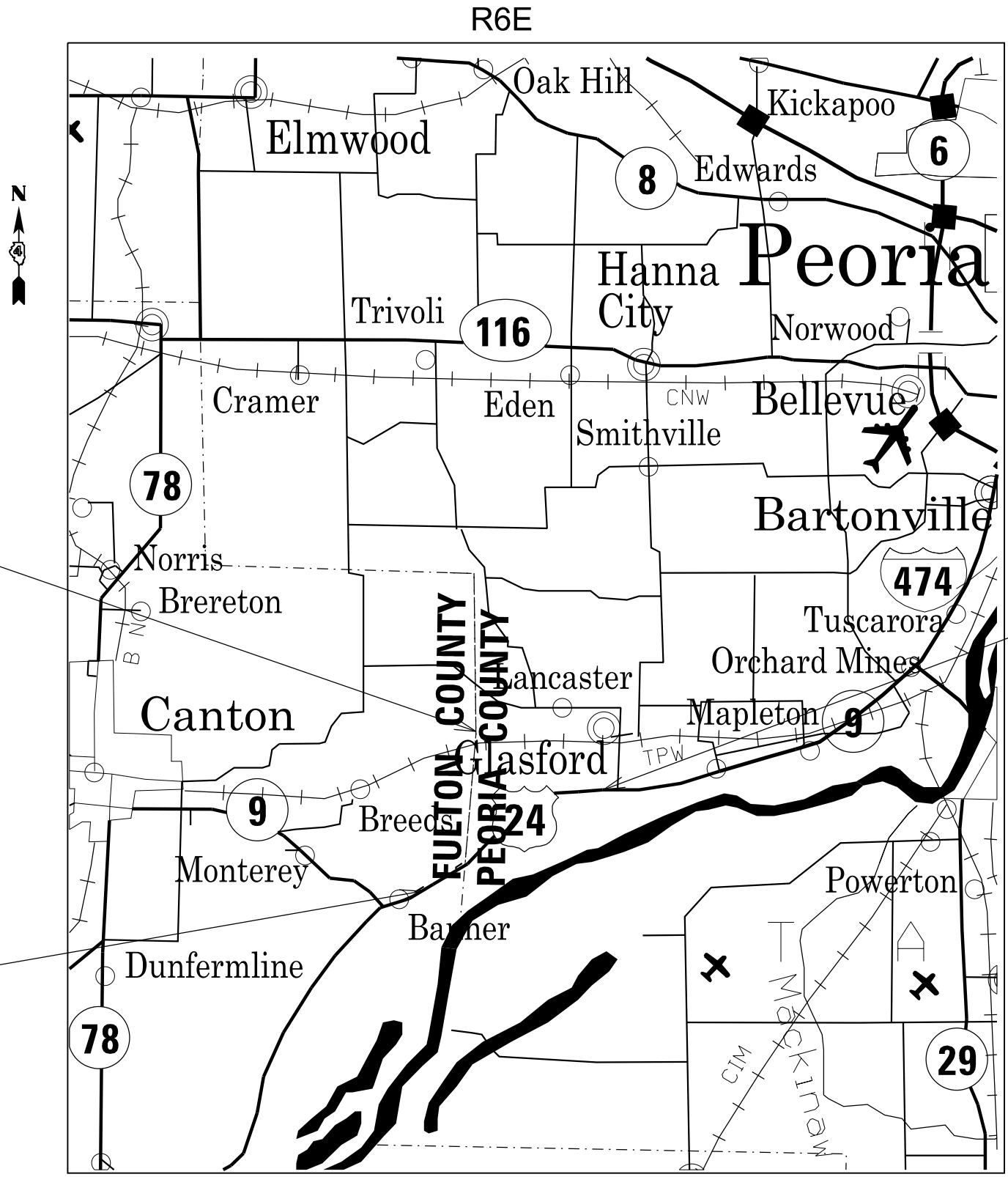
FILE NAME =	USER NAME = mitchelljg	DESIGNED -	REVISED -
pw:\plnroom\dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 4\Projects\D4.68F06\Drawings\Design\D4xxxx-Design.dgn		CHECKED -	REVISED -
Default	PLOT SCALE = 400.0290' / in.	DATE -	REVISED -
	PLOT DATE = 5/15/2019		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION #5 IL 116 PEORIA COUNTY**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4 CRACK & JOINT SEAL 2020	VARIOUS	12	9
CONTRACT NO. 68F06			ILLINOIS FED. AID PROJECT	



PEORIA/FULTON  
COUNTY LINE  
STA. 890+41.90

IMPROVEMENT ENDS  
STA. 372+72.89

IMPROVEMENT BEGINS  
STA. 602+10.59

FILE NAME =	USER NAME = mitchellg	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LOCATION #6 US 24 PEORIA / FULTON COUNTY</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pxi:\planroom\dot.illinois.gov\PWIDOT\Documents\IDOT Offices\District 4\Projects\D4.68F04\Drawings\Design\4xxxxx-Design.dgn		REVIS	REVIS					D4 CRACK & JOINT SEAL 2020	VARIOUS	12	10	
Default	PLOT SCALE = 400.0050' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 68F06				
	PLOT DATE = 5/10/2019	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

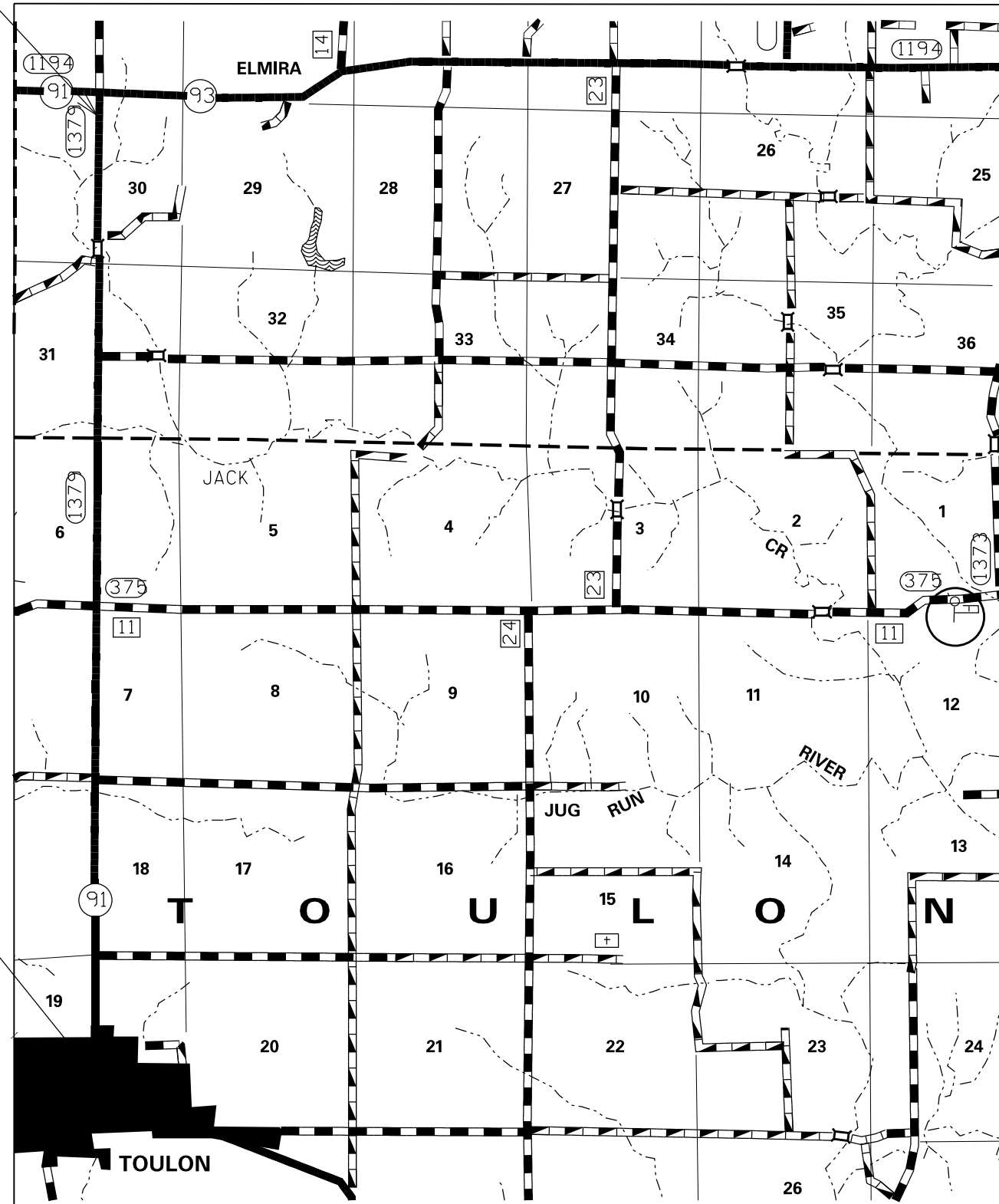
R 6 E

IMPROVMENT BEGINS  
STA. 0+90

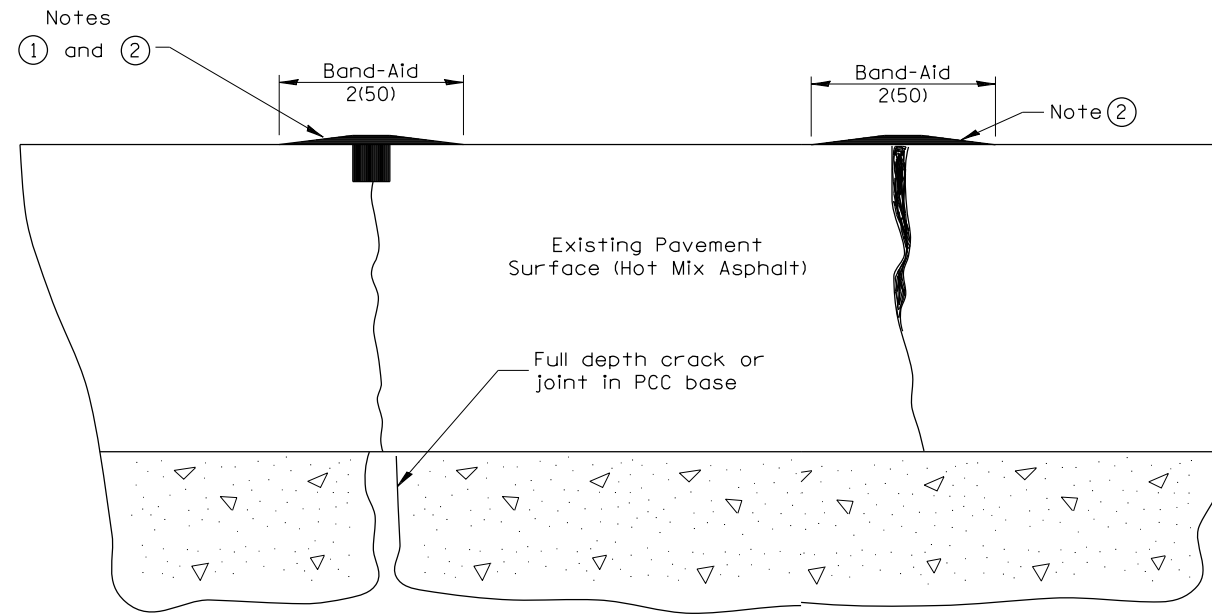
T 13 N  
T 14 N



IMPROVEMENT ENDS  
STA. 306+75



FILE NAME =	USER NAME = mitchellg	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LOCATION #7 IL 91 STARK COUNTY</b>			F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot,illinois.gov\PWIDOT\Documents\IDOT Offices\District 4\Projects\D4.68F06\Drawings\Design\Design.dgn		REVISÉD -	REVISED -					VAR.	D4 CRACK & JOINT SEAL 2020	VARIOUS	12	11
Default	PLOT SCALE = 400.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 68F06				
	PLOT DATE = 5/10/2019	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

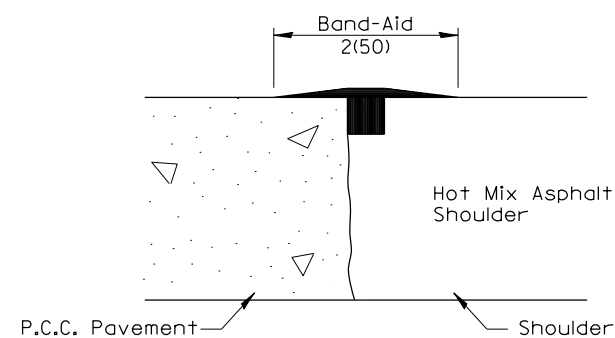


**PRIMARY TRANSVERSE,  
LONGITUDINAL CRACK &  
P.C.C. CENTERLINE JOINT**

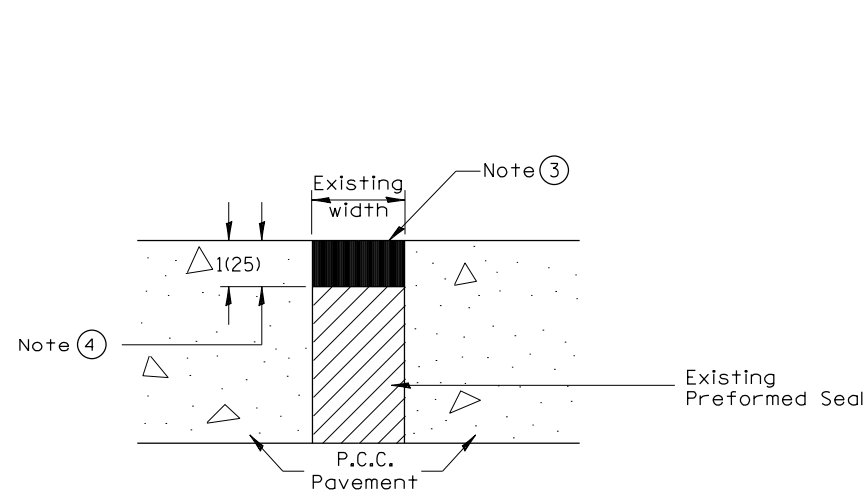
**SECONDARY  
ADJACENT CRACK**

**NOTES**

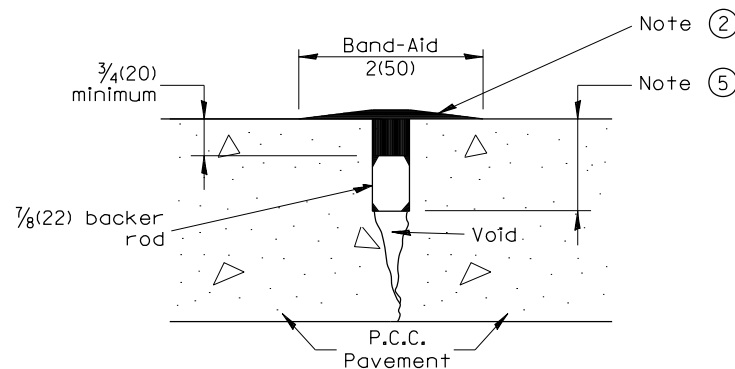
- ① Route or saw to  $\frac{3}{4}(20)$  wide by  $\frac{3}{4}(20)$  deep; (1:1 ratio).
- ② Overfill with sealant; squeegee to provide 2 (50) wide flush "band-aid" effect; feather edges flush.
- ③ Seal flush without "band-aid" effect.
- ④ Route to 1(25) depth; clean and reface walls.
- ⑤ Route or saw  $\frac{3}{4}(20)$  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.
	D4 CRACK & JOINT SEAL 2020	VARIOUS	12	12
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68F06	