

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

VARIOUS ROUTES
SECTION D4 CRACK & JOINT SEAL 2017

TYPE of IMPROVEMENT: CONTRACT MAINTENANCE
VARIOUS COUNTIES
C-94-067-16

INDEX OF SHEETS:

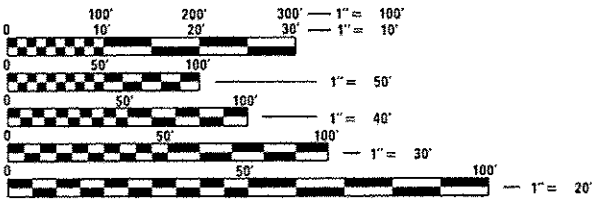
- 1 COVER SHEET
- 2 COMMITMENTS /JOB SPECIFIC NOTES
- 3 SUMMARY OF QUANTITIES
- 4-5 SCHEDULE OF QUANTITIES
- 6-15 LOCATION MAPS
- 16 CADD STANDARDS

HIGHWAY STANDARDS

- 701101-05
- 701301-04
- 701306-03
- 701311-03
- 701421-08
- 701456-04
- 701602-08
- 701901-06

DISTRICT STANDARDS

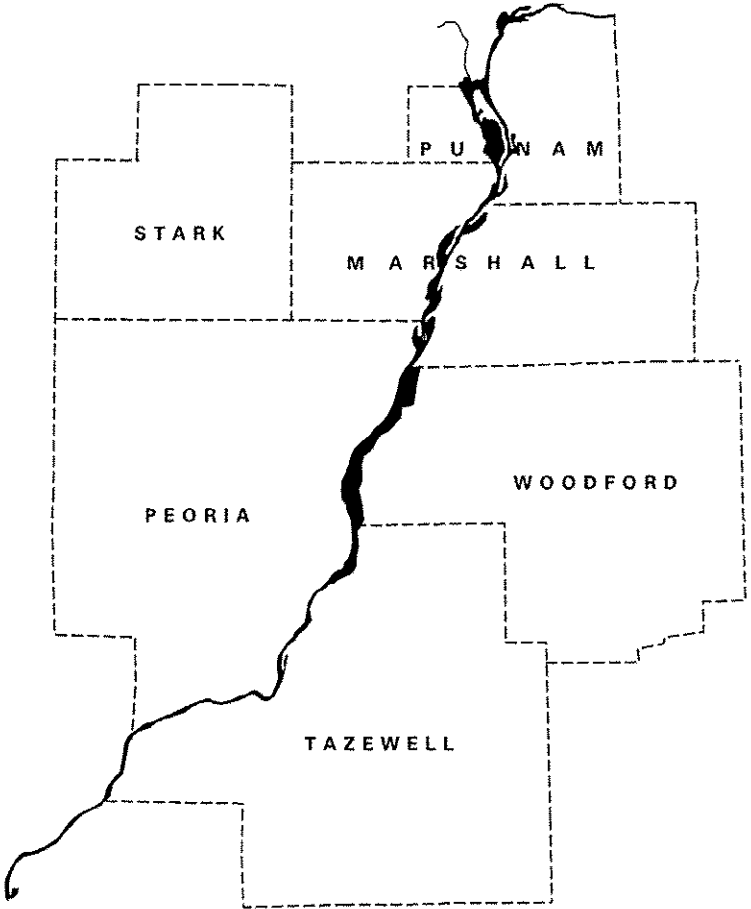
452001



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: CHRISTOPHER MAUSHARD (309) 671-3453
PROJECT MANAGER: SOBHI LABABIDI/RAYMOND SAMARA (309) 671-3460
CATALOG NO. 035408-00D
CONTRACT NO. 68D24



GROSS LENGTH = x.xx FT. = x.xxx MILE
NET LENGTH = x.xx FT. = x.xxx MILE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4 CRACK & JOINT SEAL 2017	VARIOUS	16	1
		ILLINOIS		CONTRACT NO. 68D24



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 22, 2016
Benjamin A. Jones REGION THREE ENGINEER

Jan 27, 2017
Naureen M. Addis PE
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 27, 2017
Amelle A. Ochoa 2
DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS

REV

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:

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 FOR PROPOSED "CRACK ROUTING AND FILLING" ARE NUMBERED BY PRIORITY. LOCATIONS SHALL BE COMPLETED IN THIS ORDER ONLY.

FILE NAME : plan.dgn Default	USER NAME = jlabridan	DESIGNED ~	REVISED ~	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS / JOB SPECIFIC NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.						
		DRAWN ~	REVISED ~													
	PLOT SCALE = 480.0000 ' / 1"	CHECKED ~	REVISED ~													
	PLOT DATE = 12/22/2016	DATE ~	REVISED ~													
SCALE: SHEET OF SHEETS STA. TO STA.						ILLINOIS FED. AID PROJECT										
						D4 CRACK & JOINT SEAL 2017					VARIOUS		16		2	
											CONTRACT NO. 68D24					

2004-03-23

[illegible]

FILE NAME =	USER NAME = labebidiam	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
plandgn		DRAWN -	REVISED -						D4 CRACK & JOINT SEAL 2017	VARIOUS	16	3	
	PLOT SCALE = 400.0000' / 1" =	CHECKED -	REVISED -		CONTRACT NO. 68024								
Default	PLOT DATE = 12/22/2016	DATE -	REVISED -										
				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT		

JOINT OR CRACK FILLING *							
LOCATION			POUNDS	LOCATION			POUNDS
PEORIA COUNTY				TAZEWELL COUNTY			
LOCATION 4: I-74 /KNOXVILLE AVENUE INTERCHANGE				LOCATION 1: I-74 /E WASHINGTON ST INTERCHANGE			
	RAMP A		0		RAMP A		400
	RAMP B		1100		RAMP B		500
LOCATION 5: I-74 /UNIVERSITY INTERCHANGE					RAMP C		600
	RAMP A		200		RAMP D		400
	RAMP B		0	LOCATION 2: I-74 /IL 116 /US 150 INTERCHANGE			
	RAMP C		300		RAMP A		300
	RAMP D		200		RAMP B		800
	RAMP E		700		RAMP C		0
	RAMP F		600		RAMP D		400
LOCATION 6: I-74 /GALE AVNUE INTERCHANGE					RAMP E		400
	RAMP A		600		RAMP F		600
	RAMP B		200	LOCATION 3: I-74 /CAMP ST. INTERCHANGE			
	RAMP C		0		RAMP A		500
	RAMP D		1000		RAMP B		600
LOCATION 7: I-74 /US 150 INTERCHANGE					RAMP C		300
	RAMP A		600		RAMP D		200
	RAMP B		800		RAMP E		
	RAMP C		0				
	RAMP D1 + D2		1300				
	RAMP E		800				
LOCATION 8: I-74 /STERLING INTERCHANGE							
	RAMP A		900				
	RAMP B		0				
	RAMP C		300				
	RAMP D		400				
TOTAL FOR PEORIA COUNTY			10,000	TOTAL FOR TAZEWELL COUNTY			6000
TOTAL FOR PEORIA AND TAZEWELL COUNTIES							16,000
10% WINTER BREAK UP							1600
TOTAL							17,600

- * 1– SEAL ONLY LONGITUDINAL CRACKS; OTHER CRACKS SHALL BE SEALED AT THE DESECRATION OF THE ENGINEER.
- 2– PRIOR TO THE SEALER PLACEMENT; DUST AND DEBRIS SHALL BE BLOWN FROM THE CRACKS WITH A POWER BRUSH /BLOWER OR WITH COMPRESSED AIR AT A MINIMUM PRESSURE OF 90 PSI

CRACK ROUTING AND FILLING			
LOCATION			POUNDS
TAZEWELL COUNTY			
	LOCATION 1	IL 26 FROM IL 116 TO WOODFORD COUNTY LINE	6905
	LOCATION 2	IL 116 (SOUTH BOUND) FROM GROSENBACH RD. WOODFORD COUNTY LINE	13143
	LOCATION 3	US 150 FROM DETROIT AVENUE TO TENNESSE AVENUE IN MORTON	29392
	LOCATION 4	IL 98 FROM PARKWAY DRIVE IN NORTH PEKIN TO I-155 IN MORTON	45993
WOODFORD COUNTY			
	LOCATION 1	IL 26 FROM WOODFORD COUNTY LINE TO NORTH CITY LIMITS OF SPRING BAY	30536
	LOCATION 2	IL 116 (SOUTH BOUND) FROM WOODFORD COUNTY LINE TO WEST CITY LIMITS OF METAMORA	54806
	LOCATION 3	IL 116 (NORTH BOUND PASSING LANE) TIMBER OAK DRIVE TO SOUTH CITY LIMITS OF METAMORA	4530
TOTAL			185,305

MOBILIZATION	
LOCATION	L.SUM
JOB SITE	1
TOTAL	1

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

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

TRAFFIC CONTROL AND PROTECTION STANDARD 701456	
LOCATION	L.SUM
JOB SITE	1
TOTAL	1

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



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		DRAWN -	REVISED -							D4 CRACK & JOINT SEAL 2017	VARIOUS	16	6
	PLOT SCALE = 400.0000 ' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 68D24				
	PLOT DATE = 12/22/2016	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				



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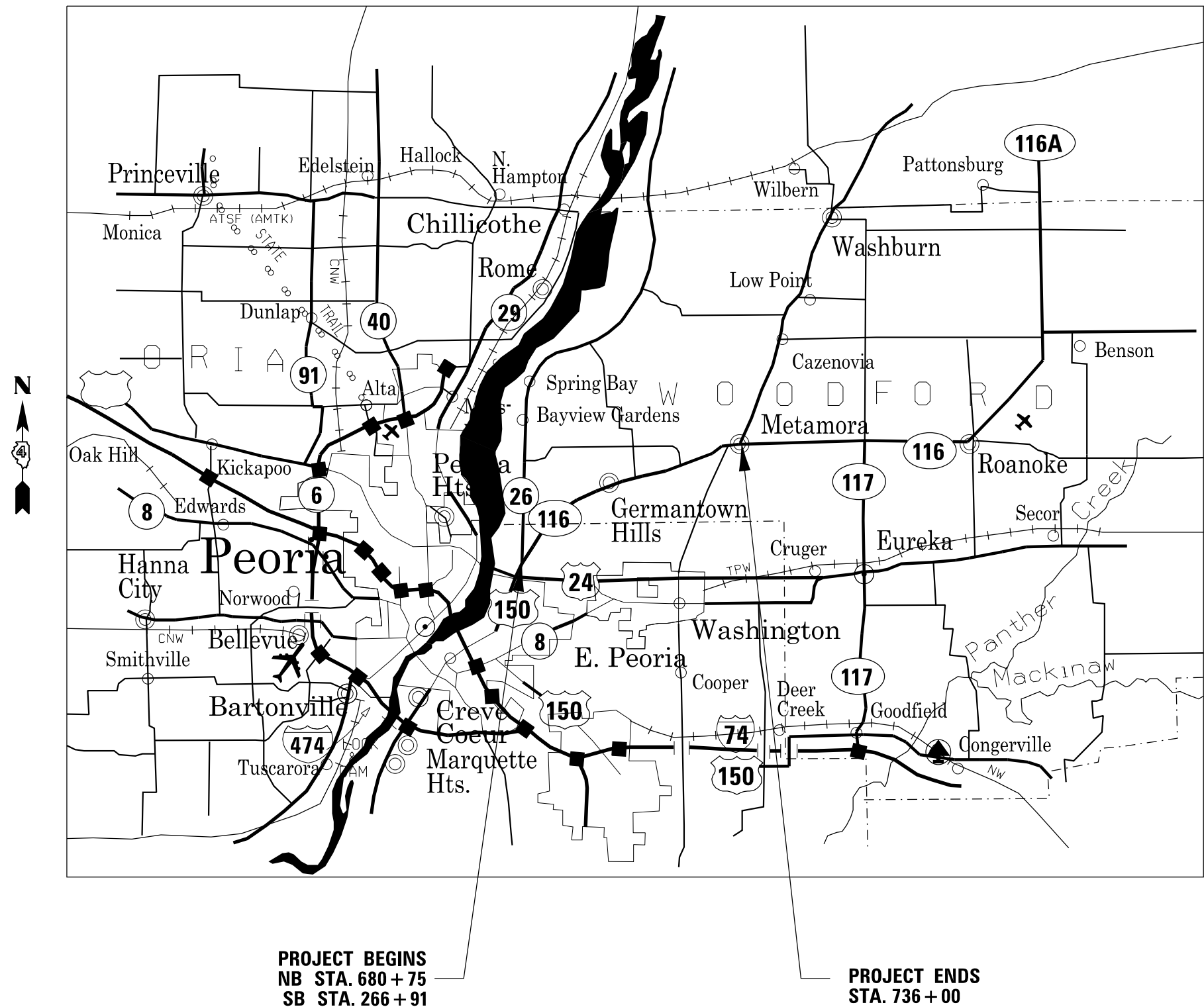
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-74 / CAMP ST. INTERCHANGE				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4 CRACK & JOINT SEAL 2017	VARIOUS	16	7
CONTRACT NO. 68024				
ILLINOIS FED. AID PROJECT				

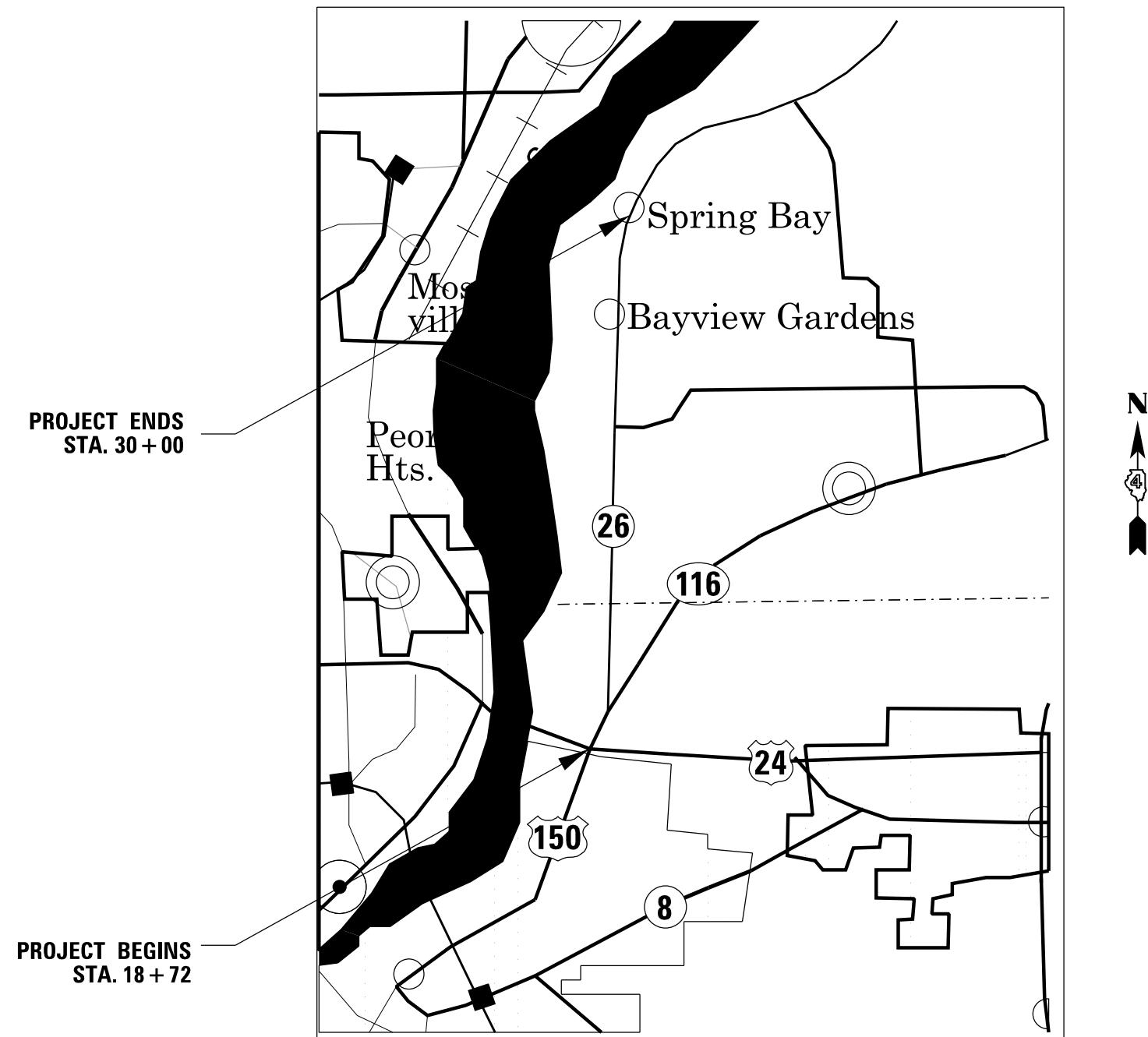


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		DRAWN -	REVISED -							D4 CRACK & JOINT SEAL 2017	VARIOUS	16	11
	PLOT SCALE = 400.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 68024					
	PLOT DATE = 12/22/2016	DATE -	REVISED -					ILLINOIS FED. AID PROJECT					



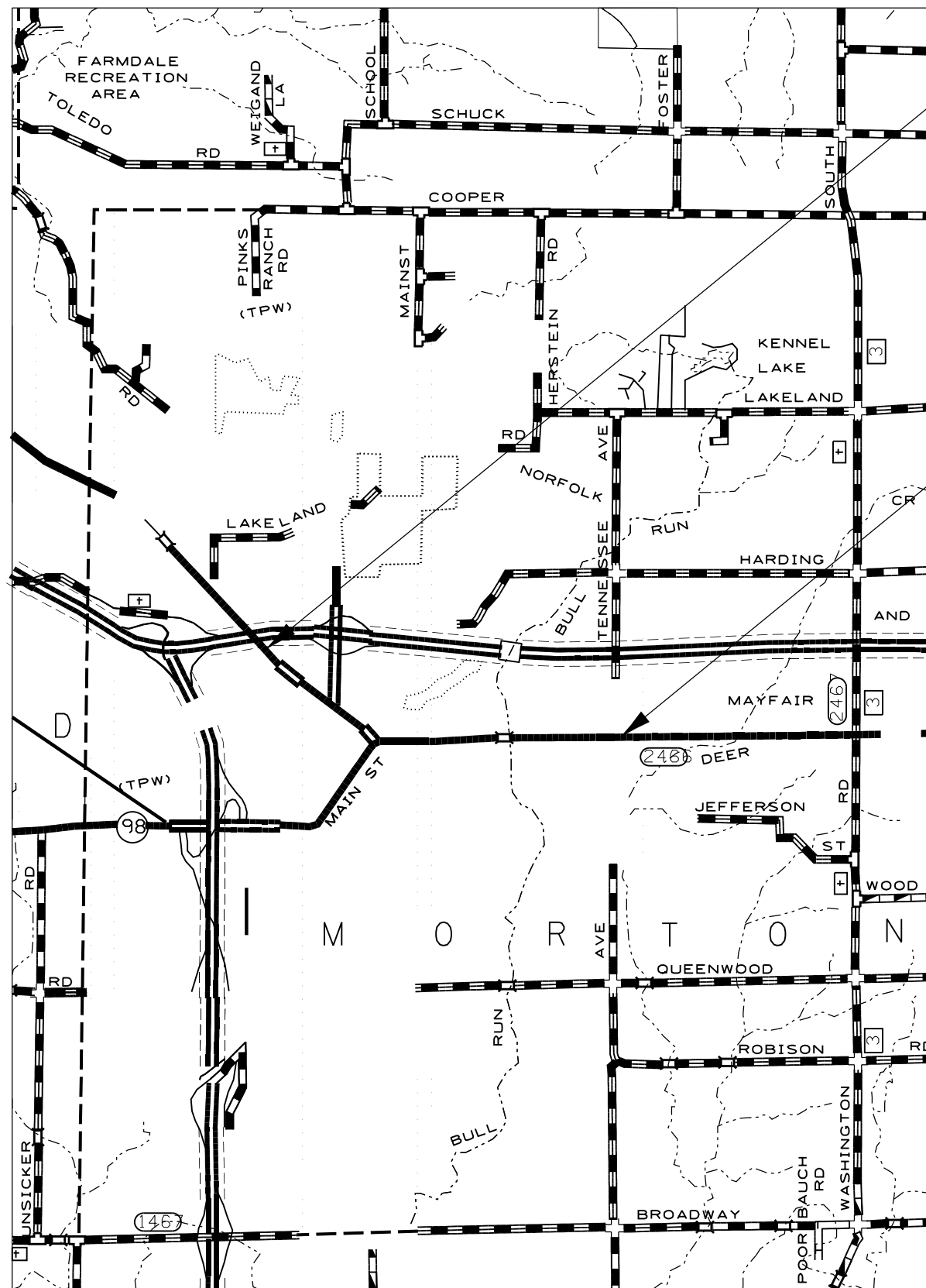
BRIDGE OMISSION: STA. 296 + 16 STA. 317 + 32

FILE NAME = plandgn Default	USER NAME = lababidism	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 116	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
		DRAWN -	REVISED -												
	PLOT SCALE = 400.0000 ' / in.	CHECKED -	REVISED -												
	PLOT DATE = 12/22/2016	DATE -	REVISED -												
						SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 68D24			
													ILLINOIS FED. AID PROJECT		



**BRIDGE OMISSION: STA. 36 + 20 TO STA. 43 + 05
STA. 250 + 25 TO STA. 258 + 25**

FILE NAME = plan.dgn Default	USER NAME = lababidism	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 26			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						04 CRACK & JOINT SEAL 2017	VARIOUS	16	13
	PLOT SCALE = 400.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 68024				
	PLOT DATE = 12/22/2016	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



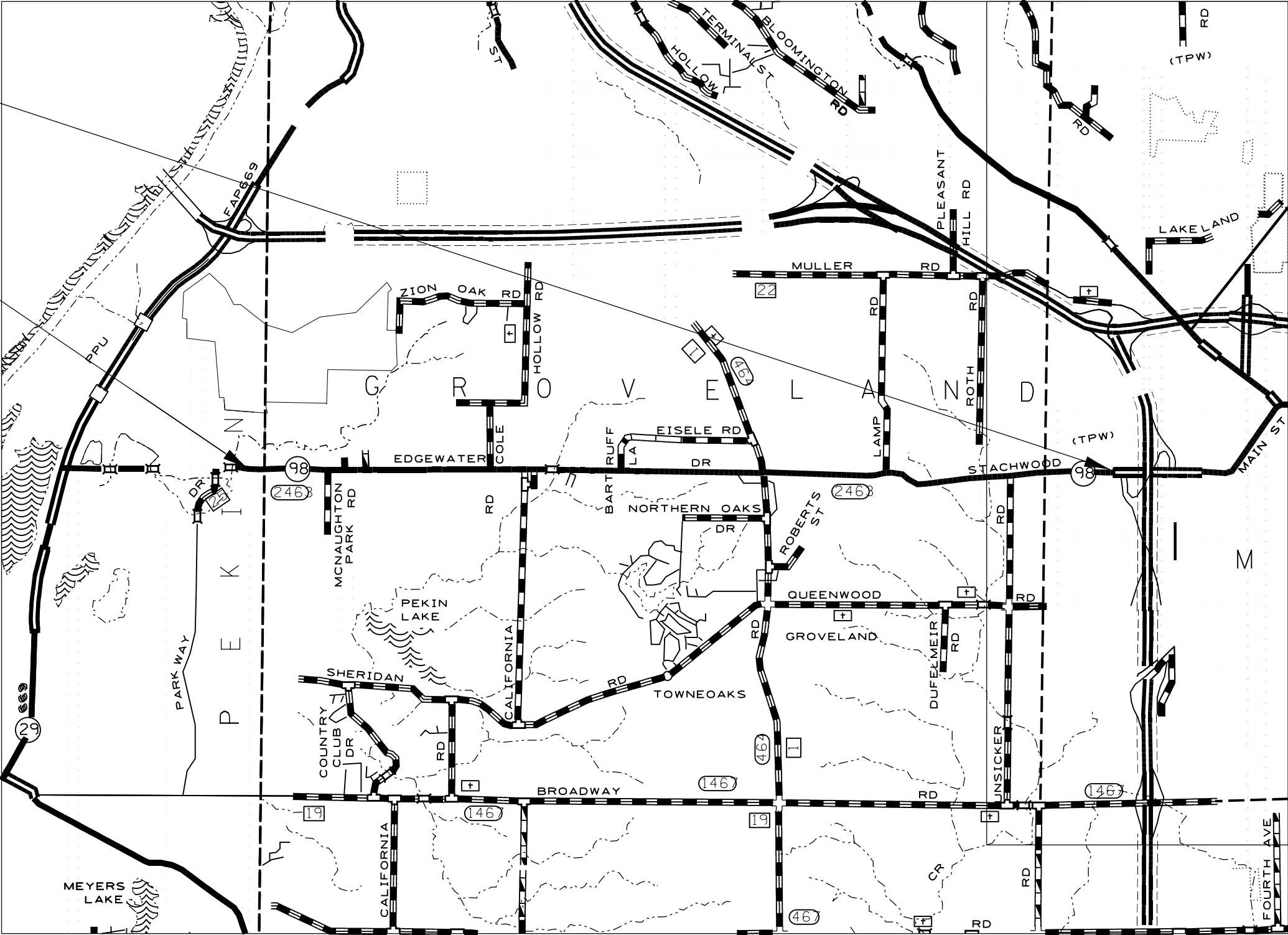
PROJECT BEGINS
STA. 60 + 00

PROJECT ENDS
STA. 143 + 62

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		DRAWN -	REVISED -						04 CRACK & JOINT SEAL 2017	VARIOUS	16	14
	PLOT SCALE = 400.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 68024				
	PLOT DATE = 12/22/2016	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

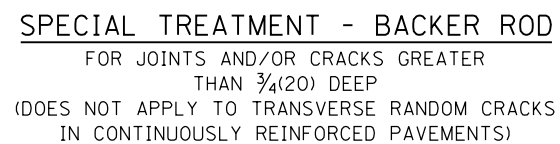
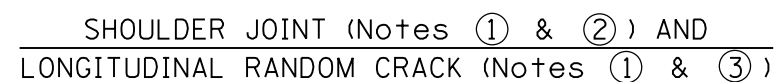
PROJECT BEGINS
STA. 72 + 28

PROJECT ENDS
STA. 430 + 81



BRIDGE OMISSION: STA. 319 + 27 STA. 320 + 15

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		DRAWN -	REVISED -										
	PLOT SCALE = 400.0000 ' / in.	CHECKED -	REVISED -							D4 CRACK & JOINT SEAL 2017	VARIOUS	16	15
	PLOT DATE = 12/22/2016	DATE -	REVISED -										CONTRACT NO. 68024
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



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.

- 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.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CRACK AND JOINT SEALING

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4 CRACK & JOINT SEAL 2017	VARIOUS	16	16
		CONTRACT NO. 68D24		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		