

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D3 CRACK SEAL 2018-1	IROQUOIS	8	1
				CONTRACT NO. 66H94

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 SCHEDULES
- 6 DETAILS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
- 701400-09 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-11 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701901-07 TRAFFIC CONTROL DEVICES

# PROPOSED HIGHWAY PLANS

FAI 57 (I-57)  
SECTION D3 CRACK SEAL 2018-1  
PROJECT NHPP-561K(67I)  
CENTERLINE CRACK & JOINT SEALING  
IROQUOIS COUNTY

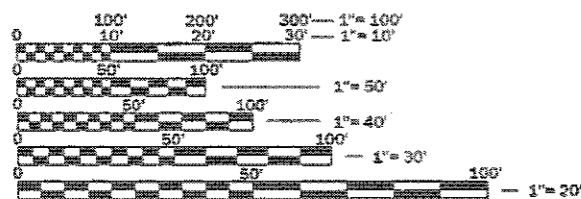


C-93-032-18



PROJECT ENDS  
STA 99+99.80

PROJECT BEGINS  
STA 520+00



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: DAVE ALEXANDER, PE  
UNIT CHIEF: DARCY CARPENTER  
DISTRICT 3 NO. (815) 434-6131  
CONTRACT NO. 66H94

NET LENGTH = 82545.29 FT = 15.634 MILE  
GROSS LENGTH = 84132.39 FT = 15.934 MILE

FUNCTIONAL CLASSIFICATION - INTERSTATE  
2015 ADT = 16,800  
P.V. = 61.9%  
S.U. = 5.4%  
M.U. = 32.7%

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED Oct 17 2017  
*[Signature]* REGIONAL ENGINEER

Nov 30 2017  
*Maureen M. Addis* PE  
ENGINEER OF DESIGN AND ENVIRONMENT

Nov 30 2017  
*[Signature]* 2  
DIRECTOR OF PROGRAM DEVELOPMENT

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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.

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 CRACK FILLING:

CRACK FILLING	0.35	POUNDS / FOOT
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE  
AS BUILT INFORMATION

\_\_\_\_\_  
SUPERVISING CONSTRUCTION FIELD ENGINEER

\_\_\_\_\_  
RESIDENT ENGINEER / TECHNICIAN

START & END DATES  
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

PREPARED BY: Paul Boudreau  
DISTRICT STUDIES & PLANS ENGINEER

DATE: 10/12/17

EXAMINED BY: [Signature]  
DISTRICT CONSTRUCTION ENGINEER  
Michael A. Slat  
DISTRICT MATERIALS ENGINEER  
[Signature]  
DISTRICT OPERATIONS ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	D3 CRACK SEAL 2018-1	IRROUOIS	6	2
CONTRACT NO. 60H94				
[ILLINOIS] FED. AID PROJ. 60F				

FILE NAME	USER NAME	DESIGNED	REVISED
\\fs13.dba\BENTEC\Bentec\proj\DOT Documents\DOT District 3\Contract 60 Project 2018\As-Built\As-Built-2018-11-01.dwg	carpenter	_____ DRAWN	_____ REVISED
		_____ CHECKED	_____ REVISED
		_____ DATE	_____ REVISED

D:\na

PLOT DATE = 10/16/2017

PLOT SCALE = 100.0000 = 1"

CONSTR. CODE

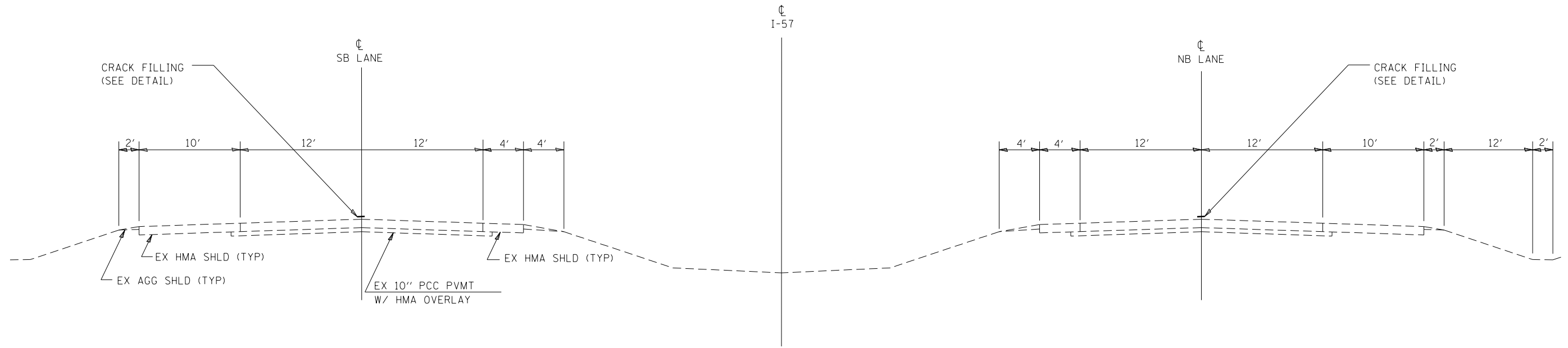
90/10 FED / STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005 RURAL
45100100	CRACK ROUTING (PAVEMENT)	FOOT	82546	82546
45100200	CRACK FILLING	POUND	28889	28889
67100100	MOBILIZATION	LSUM	1	1
X0326880	MESSAGE BOARD VEHICLE DRIVER	HOUR	80	80
X0326907	PORTABLE, VEHICLE MOUNTED, CHANGEABLE MESSAGE SIGN	CAL MO	1	1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	45	45

1

FILE NAME =	USER NAME = carpentardj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\U084EB\INTEG_illinois.gov\PWIDOT\Documents\DOT Offices\District 3\Projects\0366H94\CADDData\0366H94-shi-	DRAWN -	REVISED -	57			D3 CRACK SEAL 2018-1	IROQUOIS	6	3		
Default	PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -			CONTRACT NO. 66H94					
	PLOT DATE = 10/18/2017	DATE -	REVISED -			SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____	TO STA. _____	ILLINOIS FED. AID PROJECT	

REV



PROPOSED TYPICAL SECTION

NORTHBOUND  
 STA 520+00 TO 456+59.06  
 STA 455+47.5 TO 426+30.09  
 STA 424+95.09 TO 399+83  
 STA 398+51 TO 316+30.95  
 STA 312+00.95 TO 260+97.6  
 STA 259+82.6 TO 99+99.80

SOUTHBOUND  
 STA 99+99.80 TO 259+82.6  
 STA 260+97.6 TO 312+25.95  
 STA 315+30.95 TO 424+83.09  
 STA 426+15.09 TO 455+47.5  
 STA 456+59.05 TO 520+00

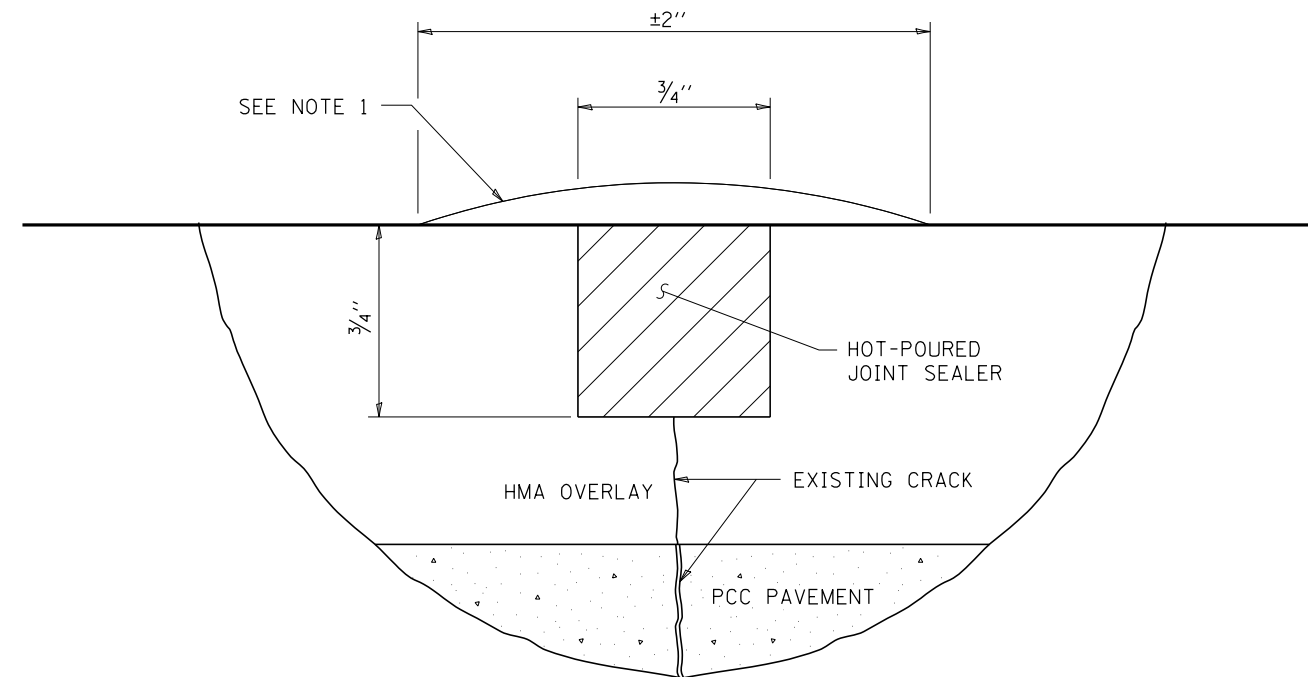
OMISSIONS:

NORTHBOUND  
 STA 456+59.05 TO 455+47.5  
 STA 426+30.09 TO 424+95.09  
 STA 399+83 TO 398+51  
 STA 316+30.95 TO 312+00.95  
 STA 260+97.6 TO 259+82.6

SOUTHBOUND  
 STA 259+82.6 TO 260+97.6  
 STA 312+25.95 TO 315+30.95  
 STA 424+83.09 TO 426+15.09  
 STA 455+47.5 TO 456+59.05

FILE NAME =	USER NAME = carpenterj	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL04EB\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 3\Projects\D366H94\CADD\I-57\I-57-D366H94-18-1-1.dwg	DATE = 10/16/2017	CHECKED - _____	REVISED - _____				57	D3 CRACK SEAL 2018-1	IROQUOIS	6	4
Default	PLOT SCALE = 100,0000' / in.	DATE - _____	REVISED - _____		SCALE: _____ SHEET _ OF _ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 66H94				
	PLOT DATE = 10/16/2017	DATE - _____	REVISED - _____		ILLINOIS FED. AID PROJECT						

CRACK ROUTING AND FILLING			
LOCATION	DESCRIPTION	CRACK ROUTING (PAVEMENT)	CRACK FILLING
STATION		FOOT	POUND
IROQUOIS COUNTY			
<b>NORTHBOUND CENTERLINE:</b>			
520+00 TO 456+59.06		6340.94	2219
456+59.05 TO 455+47.5	OMISSION		
455+47.5 TO 426+30.09		2917.41	1021
426+30.09 TO 424+95.09	OMISSION		
424+95.09 TO 399+83		2644.09	925
399+83 TO 398+51	OMISSION		
398+51 TO 316+30.95		8220.05	2877
316+30.95 TO 312+00.95	OMISSION		
312+00.95 TO 260+97.6		5103.35	1786
260+97.6 TO 259+82.6	OMISSION		
259+82.6 TO 99+99.80		15982.8	5594
<b>SOUTHBOUND CENTERLINE:</b>			
99+99.80 TO 259+82.6		15982.8	5594
259+82.6 TO 260+97.6	OMISSION		
260+97.6 TO 312+25.95		5128.35	1795
312+25.95 TO 315+30.95	OMISSION		
315+30.95 TO 424+83.09		10952.14	3833
424+83.09 TO 426+15.09	OMISSION		
426+15.09 TO 455+47.5		2932.41	1026
455+47.5 TO 456+59.05	OMISSION		
456+59.05 TO 520+00		6340.95	2219
<b>PROJECT TOTAL</b>		<b>82545.29</b>	<b>28889</b>



### **CRACK ROUTING AND SEALING DETAIL**

**NOTE 1**

THE CRACK OR JOINT SHALL BE SLIGHTLY OVERFILLED AND IMMEDIATELY SQUEEGEED TO PROVIDE A "BAND-AID" TYPE EFFECT APPROXIMATELY TWO INCHES WIDE, FLUSH WITH THE PAVEMENT SURFACE, AND WITH THE EDGES FEATHERED OUT.

FILE NAME =	USER NAME = carpenterj	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\04\EBID\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 3\Projects\D366H94\CADD\04\shk-d\DWG		DRAWN - _____	REVISED - _____		SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	57	D3 CRACK SEAL 2018-1	IROQUOIS	6	6
Default		CHECKED - _____	REVISED - _____		CONTRACT NO. 66H94							
		DATE - _____	REVISED - _____		ILLINOIS FED. AID PROJECT							