

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	4	BUREAU	8	1
		ILLINOIS	CONTRACT NO. 66J16	

D3 MICROSURF JT REPAIR 2018-4

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES & COMMITMENTS
- 3-4 SUMMARY OF QUANTITIES
- 5 TYPICAL SECTIONS
- 6 SCHEDULES
- 7 LAYOUT MAP
- 8 DETAILS

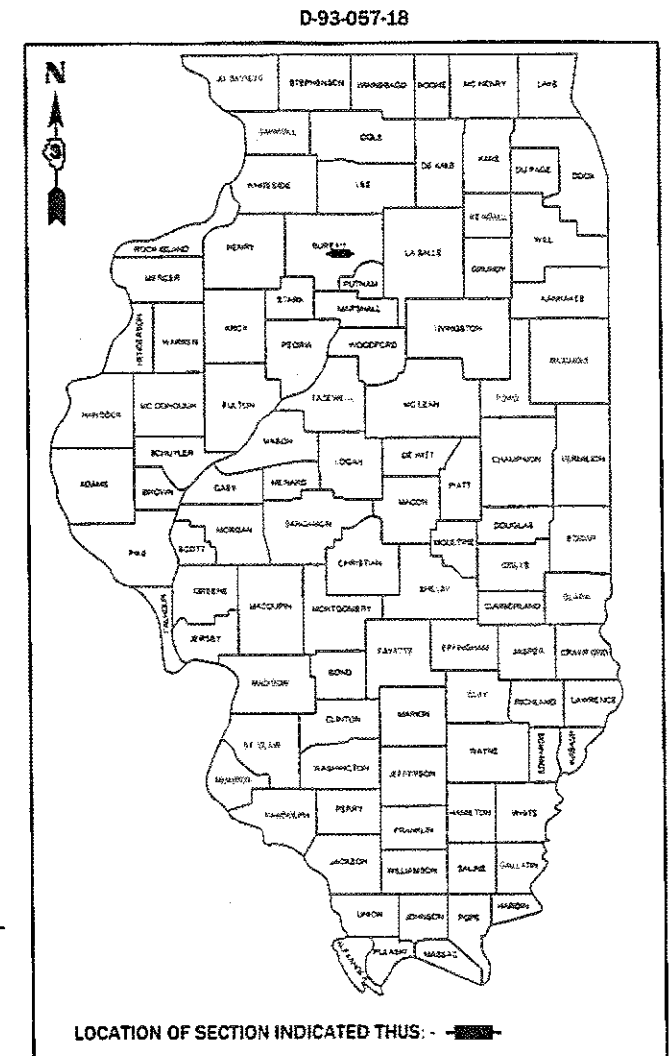
PROPOSED HIGHWAY PLANS

FAI ROUTE 80 (I-80)
SECTION D3 MICROSURF JT REPAIR 2018-4
CL MICROSURFACING JOINT REPAIR
BUREAU COUNTY

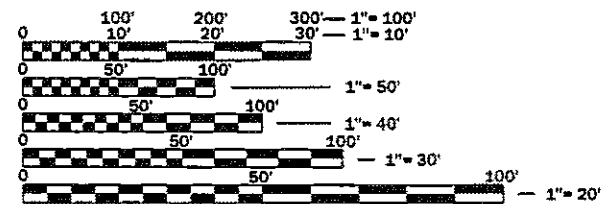
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LIST OF ILLINOIS DOT HIGHWAY STANDARDS

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
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
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
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS



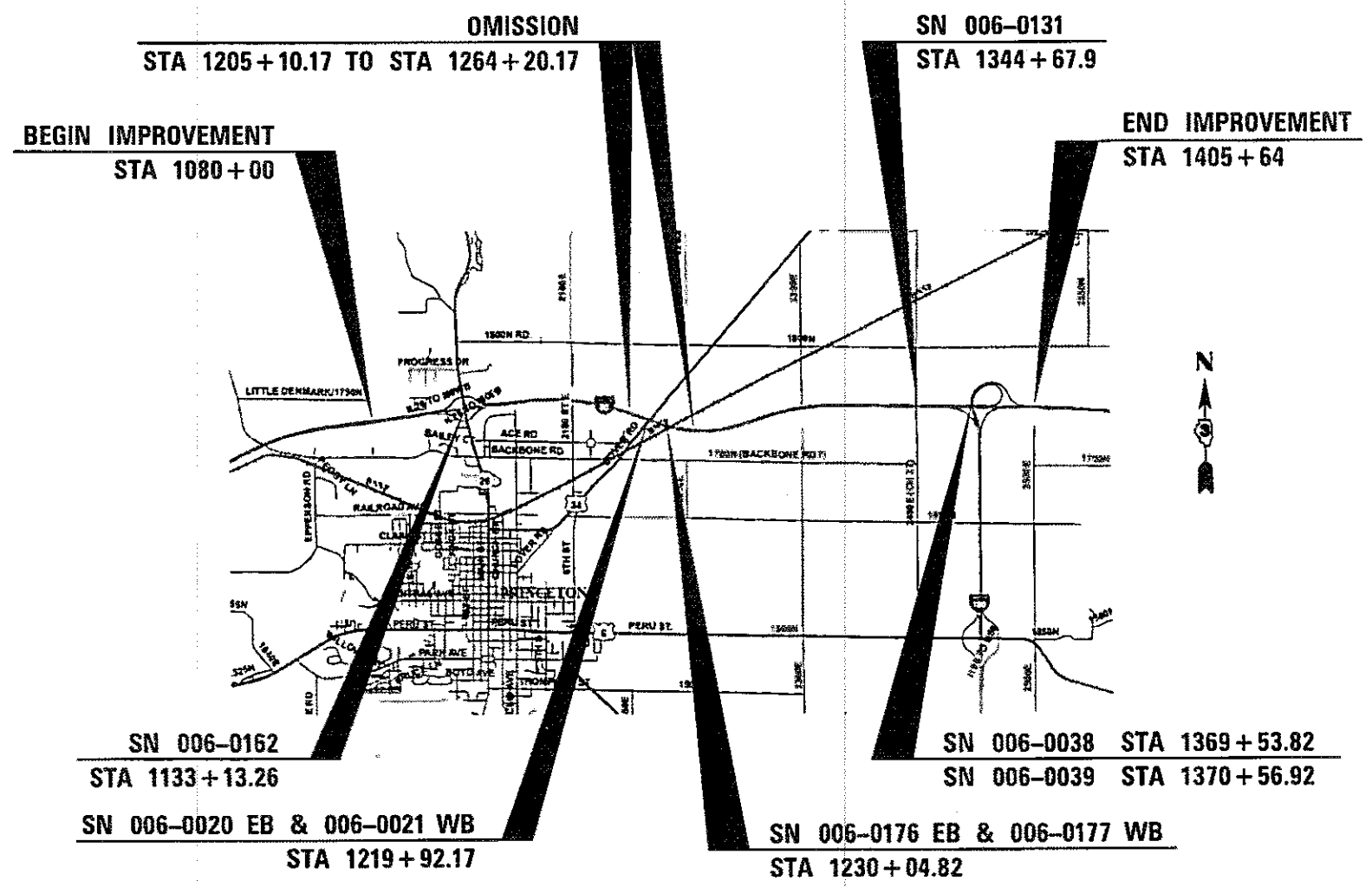
FUNCTIONAL CLASSIFICATION: INTERSTATE
2017 ADT = 21900
PV = 55.9% SU = 5.7% MU = 38.4%



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: JOE KANNEL, P.E.
UNIT CHIEF: MICHELE LINDEMANN, P.E.
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66J16



GROSS LENGTH = 32,564 FT. = 6.167 MILE
NET LENGTH = 26,654 FT. = 5.048 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 3/30 2018
Markle
REGIONAL ENGINEER

May 11 2018
A. ETC
ENGINEER OF DESIGN AND ENVIRONMENT

May 10 2018
Paul P. Ch...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

COMMITMENTS

GENERAL NOTES

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE MICRO-SURFACING AND WHEN THE ROADWAY WILL BE OPENED TO TRAFFIC

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 AGGREGATES FOR THE SURFACE LIFT OF MICRO-SURFACING SHALL MEET THE FRICTION AGGREGATE REQUIREMENTS FOR MIXTURE D IN ARTICLE 1004.03(a)

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES

MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
MICRO-SURFACING SINGLE PASS	20	LBS / SQ YD

ONLY THE PASSING LANE IS TO BE CLOSED FOR THE CENTERLINE WORK.

THE TEMPORARY PAVEMENT MARKING SHALL BE PLACED 3' OFF THE CENTERLINE IN THE DRIVING LANE PRIOR TO REMOVING EXISTING LINE

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

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: *Tom Brink*
DISTRICT STUDIES & PLANS ENGINEER

DATE: 3/30/18

EXAMINED BY: *ACV*
DISTRICT CONSTRUCTION ENGINEER

Michael Asolo
DISTRICT MATERIALS ENGINEER

Jim Hefner
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.
80		BUREAU	8	2
* D3 MICROSURF JT REPAIR 2018-4				CONTRACT NO. 66J16
ILLINOIS FED AID PROJECT				

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MODEL NAMES	PLOT SCALE	CHECKED	REVISED
	1:100,000		
	PLOT DATE	DATE	REVISED
	3/27/2018		

CONSTR. CODE

100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	RURAL
40400001	FIBER-MODIFIED ASPHALT CRACK SEALING	FOOT	53308	53308	
40400114	MICRO-SURFACING, SINGLE PASS, TYPE II, MIXTURE D	SQ YD	11846	11846	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2666	2666	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	3.6	3.6	
67100100	MOBILIZATION	L SUM	1	1	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	16284	16284	
Δ 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	130256	130256	
Δ 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	16284	16284	
Δ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1630	1630	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1630	1630	
X0326880	MESSAGE BOARD VEHICLE DRIVER	HOUR	30	30	
X0326907	PORTABLE, VEHICLE MOUNTED, CHANGEABLE MESSAGE SIGN	CAL MO	0.5	0.5	
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	16284	16284	

14

Δ SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	BUREAU	8	3
* D3 MICROSURF JT REPAIR 2018-4			CONTRACT NO. 6616	
ILLINOIS FED. AID PROJECT				

CONSTR. CODE

100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				RURAL
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	28	28

Δ SPECIALTY ITEM

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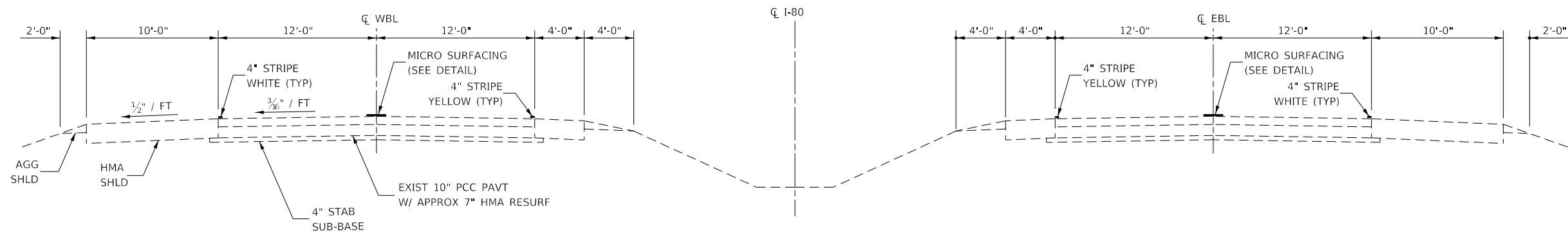
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

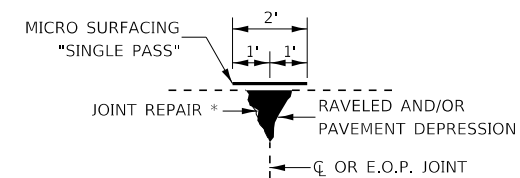
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	BUREAU	8	4
* D3 MICROSURF JT REPAIR 2018-4			CONTRACT NO. 66J16	
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION

STA 1080+00 TO STA 1405+64
 OMISSION:
 STA 1205+10.17 TO STA 1264+20.17



MICRO-SURFACING DETAIL

* FIBER-MODIFIED ASPHALT CRACK SEALING

NOTES

MICRO-SURFACING SHALL BE LOCATED AT THE CENTERLINE OF PAVEMENT JOINT. ACTUAL LOCATIONS SHALL BE FIELD DETERMINED BY THE ENGINEER PRIOR TO THE CONTRACTOR BEGINNING HIS/HER CONSTRUCTION OPERATIONS.

THE TEMPORARY STRIPING SHALL BE OFFSET 3' FROM THE CENTERLINE, IN THE DRIVING LANE.

OFFSET OF THE PERMANENT CENTERLINE PAVEMENT STRIPING SHALL BE FIELD DETERMINED BY THE ENGINEER.

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PLOT DATE = 3/14/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	BUREAU	8	5
* D3 MICROSURF JT REPAIR 2018-4				CONTRACT NO. 66J16
ILLINOIS FED. AID PROJECT				

MAINLINE													
LOCATION	DESCRIPTION	LENGTH FOOT	TEMP PVMT MARKING LINE 6" FOOT	POLYUREA PVMT MARK - LINE 4"		POLYUREA PVMT MARK - LINE 6"	PVMT MARKING REMOVAL WATER BLASTING SQ FT	MICRO- SURFACING SINGLE PASS TYPE II MIX D SQ YD	MIX FOR CRACKS, JOINTS, & FLANGWAYS TON	FIBER MOD. ASPHALT CRACK SEALING FOOT	BITUMINOUS MATERIALS (TACK COAT) POUND	RAISED REFLECTIVE PVMT MARKER EACH	RAISED REFL PVMT MARKER REMOVAL EACH
				WHITE FOOT	YELLOW FOOT	WHITE FOOT							
1080+00 TO 1205+10.17		12510.17	6256	25020.4	25020.4	6256	6256	5560	1.67	25020	1252	626	626
1205+10.17 TO 1264+20.17	STRUCTURE OMISSION	5910	2956	11820	11820	2956	2956					296	296
1264+20.17 TO 1405+64		14143.83	7072	28287.6	28287.6	7072	7072	6286.2	1.89	28288	1414	708	708
SUBTOTAL				65128	65128								
TOTAL				16284	130256	16284	16284	11846.2	3.56	53308	2666	1630	1630

NOTE: THIS INCLUDES EDGE LINE REPLACEMENT FOR THE ENTIRE LENGTH OF THE JOB.

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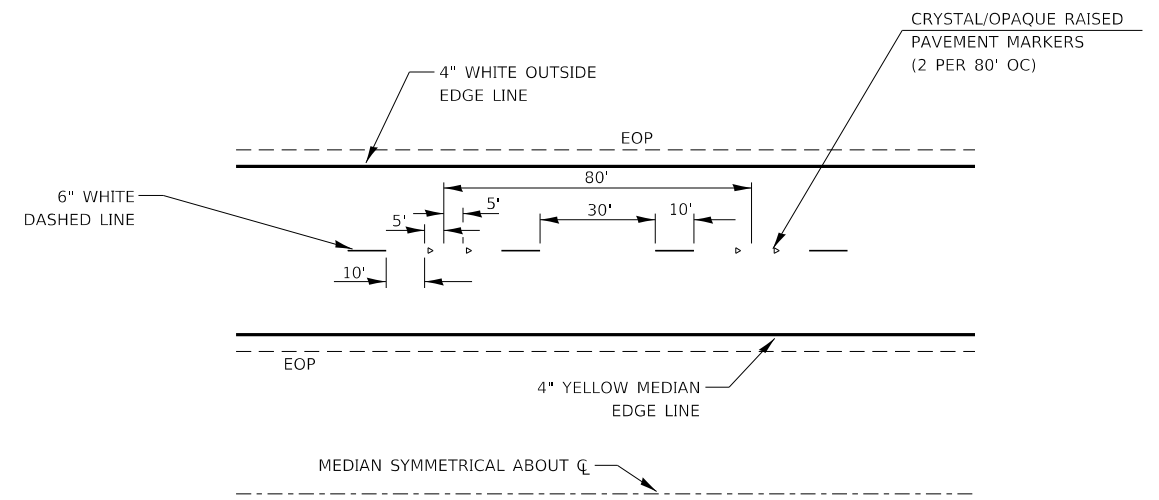
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	BUREAU	8	6
* D3 MICROSURF JT REPAIR 2018-4			CONTRACT NO. 66J16	
ILLINOIS			FED. AID PROJECT	



TYPICAL PAVEMENT MARKINGS

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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	BUREAU	8	8
* D3 MICROSURF JT REPAIR 2018-4		CONTRACT NO. 66J16		
		ILLINOIS	FED. AID PROJECT	