

06-12-2015 LETTING ITEM 156

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAU 9725 / FAP 331 (IL 13)
SECTION D9 CM PATCH 2016-1

PATCHING
JACKSON COUNTY

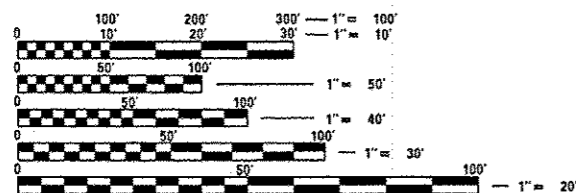
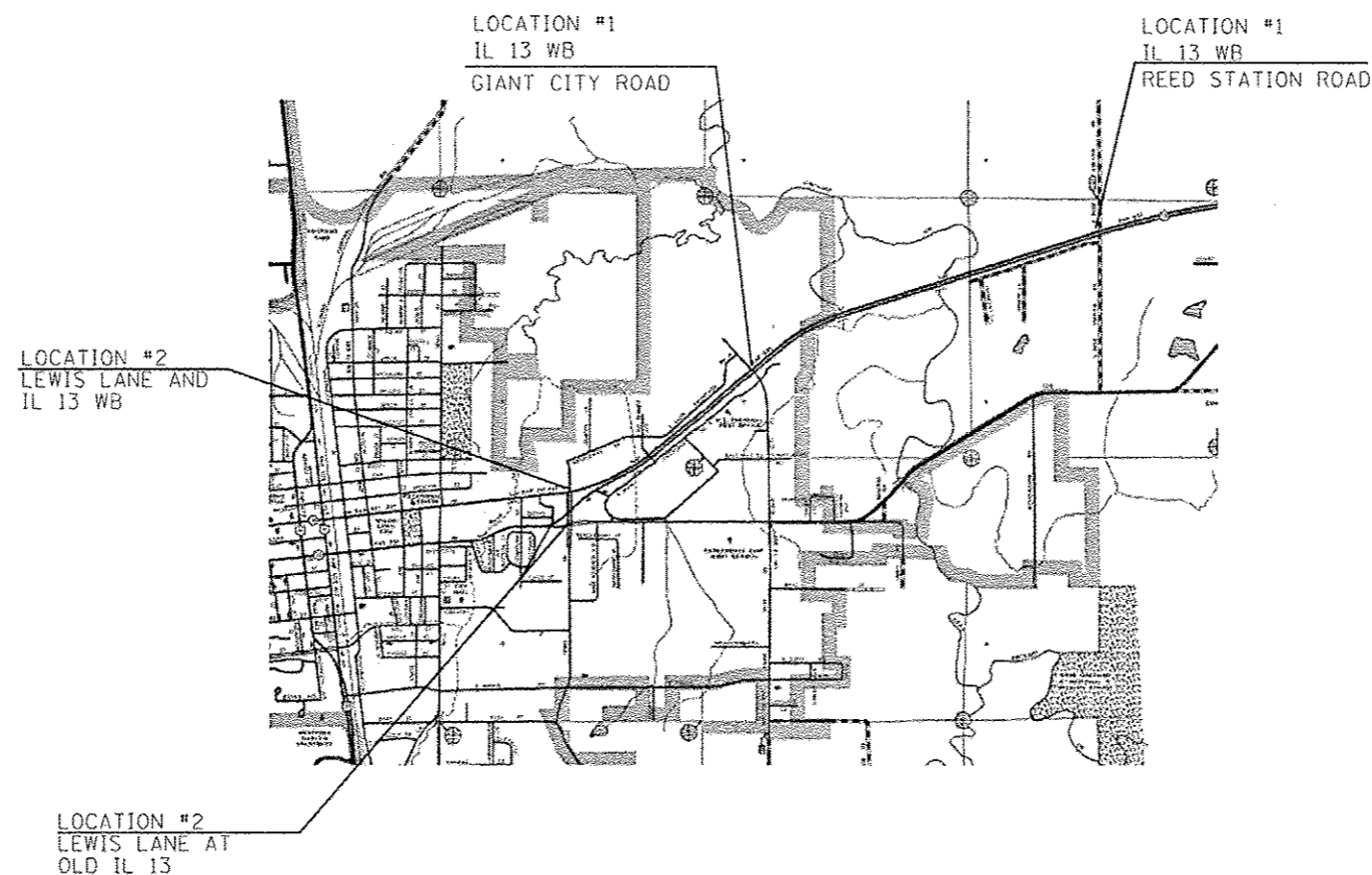
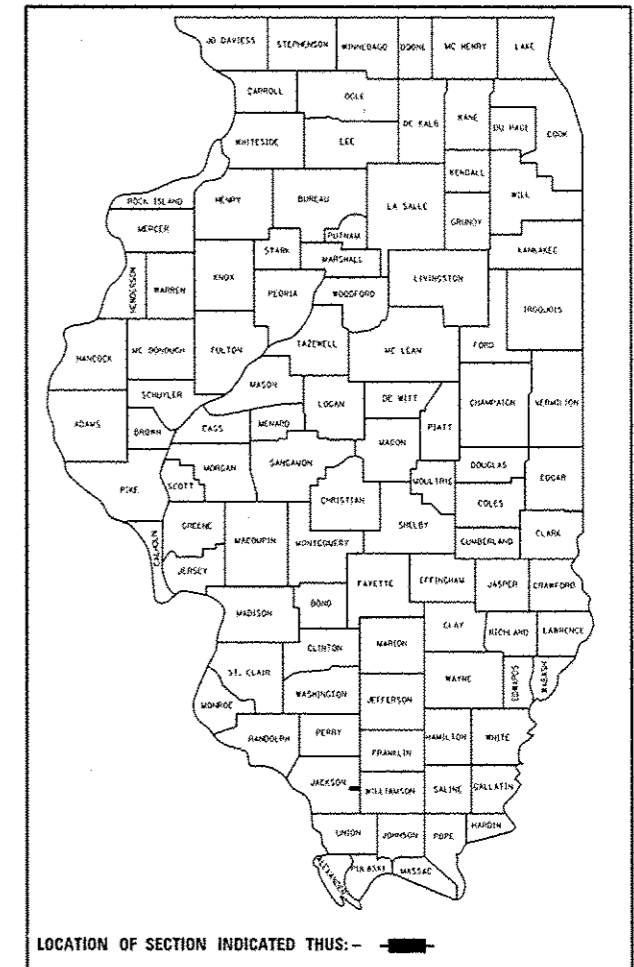
C-99-027-15

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 CM PATCH 2016-1	JACKSON	9	1
ILLINOIS			CONTRACT NO. 78462	

• IL 13/S LEWIS LANE (FAP 331/ FAU 9725)

FOR INDEX OF SHEETS, SEE SHEET NO. 3

TRAFFIC DATA:
LOC: IL 13 WB
YEAR 2015
ADT = 15,760 TRUCKS 7.3%



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 ELISE KNOP
PROJECT MANAGER CHARLES STEIN

LOCATION #1 = 7600 FT. = 1.44 MILE
LOCATION #2 = 1385 FT. = 0.26 MILE
NET LENGTH = 8985 FT. = 1.70 MILE

CONTRACT NO. 78462

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 17 20 15

Arthur J. Keenan
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 8 20 15
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

May 8 20 15
Onur Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

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Examined By: Cassie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Keel N.
DISTRICT OPERATIONS ENGINEER

Examined By: [Signature]
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: _____
DISTRICT CONSTRUCTION ENGINEER

Examined By: _____
DISTRICT MATERIALS ENGINEER

FILE NAME	JOE ZLANEWICZ - 8/20/2019	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNATURE SHEET			F.A. RTE.	SECTION	COUNT	TOTAL SHEETS	SHEET NO.
PROJECT NAME	2019 CM PATCH	DRAWN -	REVISED -					*	D9 CM PATCH 2016-1	JACKSON	9	2
PROJECT SCALE	1" = 200'	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT
PROJECT DATE	2/18/2019	DATE	REVISED -		CONTRACT NO. 78462							

INDEX OF SHEETS

HIGHWAY STANDARDS

<u>SHEET #</u>	<u>DESCRIPTION</u>	<u>STANDARD NUMBER</u>	<u>TITLE</u>
1	COVER SHEET		
2	SIGNATURE SHEET		
3	INDEX OF SHEETS, GENERAL NOTES, & STANDARDS	000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
4 - 5	SUMMARY OF QUANTITIES	001001-02	AREAS OF REINFORCEMENT BARS
6	PATCHING SCHEDULE - LOCATION #1	420701-02	PAVEMENT FABRIC
7	PATCHING SCHEDULE - LOCATION #2	442101-07	CLASS B PATCHES
8	CLASS B PATCH (SPECIAL) DETAIL	701422-07	LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
9	DETAIL OF DETECTOR LOOPS	701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
		701901-04	TRAFFIC CONTROL DEVICES
		886001-01	DETECTOR LOOP INSTALLATIONS
		886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

GENERAL NOTES

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16 THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 101.17 REGARDLESS IF TRACK MOUNTED OR WHEELED.

THE QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. THE LOCATIONS OF THE PATCHES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE FURNISHING AND INSTALLATION OF THE 3.18 cm (1* IN.) CONDUIT WITH ITS TRENCHING AND BACKFILL FROM THE LOOP SAWCUT TO THE SPLICE POINT SHALL BE INCLUDED IN THE LOOP INSTALLATION UNLESS SHOWN OTHERWISE ON THE PLANS.

THE INDUCTION LOOP WIRE AND LEAD-IN WIRE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.

FILE NAME *	USER NAME * USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, & STANDARDS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
el\p\work\p\vidot\open\0242754\17846	shp\planning2\jgn	DRAWN -	REVISED -				D9 CM PATCH 2016-1	JACKSON	9	3	
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
SMOELNAME*	PLOT DATE = 3/15/2015	DATE -	REVISED -								

SUMMARY OF QUANTITIES

JACKSON
[113/S. Lewis Ln, (331/9725)]
100% STATE
URBAN
ROADWAY
0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
44000100	PAVEMENT REMOVAL	SO YD	252
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SO YD	827
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SO YD	123
44201299	DOWEL BARS 1 1/2"	EACH	2,000
44213100	PAVEMENT FABRIC	SO YD	298
44213200	SAW CUTS	FOOT	7,635
44213204	TIE BARS 3/4"	EACH	779
67100100	MOBILIZATION	L SUM	1
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	8
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1
* 88600100	DETECTOR LOOP, TYPE I	FOOT	232
X1700007	CLASS B PATCHES, TYPE I, 12 INCH (SPECIAL)	SO YD	27

* SPECIALTY ITEM

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
or:\pvc\work\ext\dtd\knopen\40427643\78462	shc-plan-g2r.dgn	DRAWN -	REVISED -			*	D9 CM PATCH 2016-1	JACKSON	9	4
#MODELNAME#	PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED -		SCALE:				CONTRACT NO. 78462	
	PLOT DATE = 2/16/2016	DATE -	REVISED -						ILLINOIS FED. AID PROJECT	

7/3/2015

SUMMARY OF QUANTITIES - CONT

JACKSON
IL13/S. Lewis Ln , (331/9725)
100% STATE
URBAN
ROADWAY
0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	
X1700008	CLASS B PATCHES, TYPE II, 12 INCH (SPECIAL)	SO YD	49
X1700009	CLASS B PATCHES, TYPE IV, 12 INCH (SPECIAL)	SO YD	176
✓			

PATCHING SCHEDULE LOCATION # 1

LOCATION	NUM. OF PATCHES	WIDTH	LENGTH	CLASS B, TY 2, 12"	CLASS B, TY 3, 12"	CLASS B, TY 1, 12" (SPECIAL)	CLASS B, TY 2, 12" (SPECIAL)	CLASS B, TY 4, 12" (SPECIAL)	SAW CUTS	TIE BARS	DOWEL BARS	PAV' T FABRIC	PAV' T REMOVAL
		FEET	FEET	SQ YD	SQYD	SQYD	SQYD	SQYD	FOOT	EACH	EACH	SQ YD	SQYD
IL 13 WB REED STA. RD TO GIANT CITY RD.													
DRIVING	20	11.5	6	153					1050		400		
DRIVING	9	11.5	8	92					527		180		
DRIVING	3	11.5	10	38					194		60		
DRIVING	7	11.5	12		107				494		140	107	
DRIVING	1	3	100					33	309	108		33	33
DRIVING	1	3	300					100	909	308		100	100
PASSING	20	11.5	6	153					1050		400		
PASSING	7	11.5	8	72					410		140		
PASSING	3	11.5	10	38					194		60		
PASSING	1	11.5	12		15				71		20	15	
LOCATION TOTAL				547	123			133	5205	416	1400	256	133

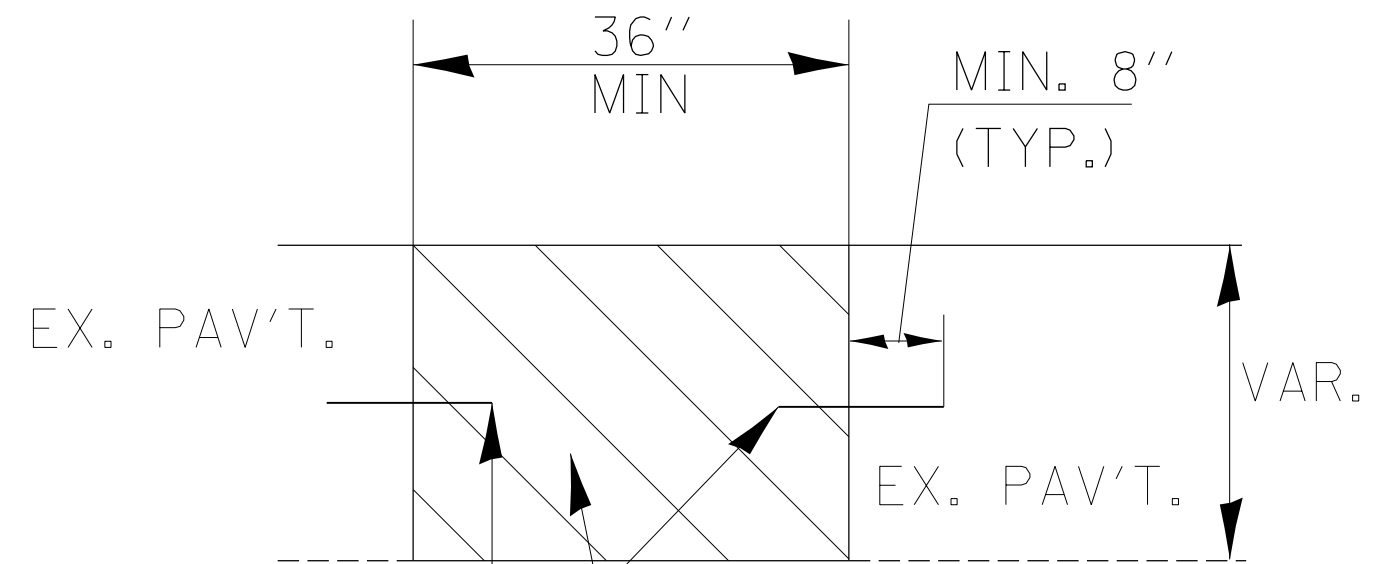
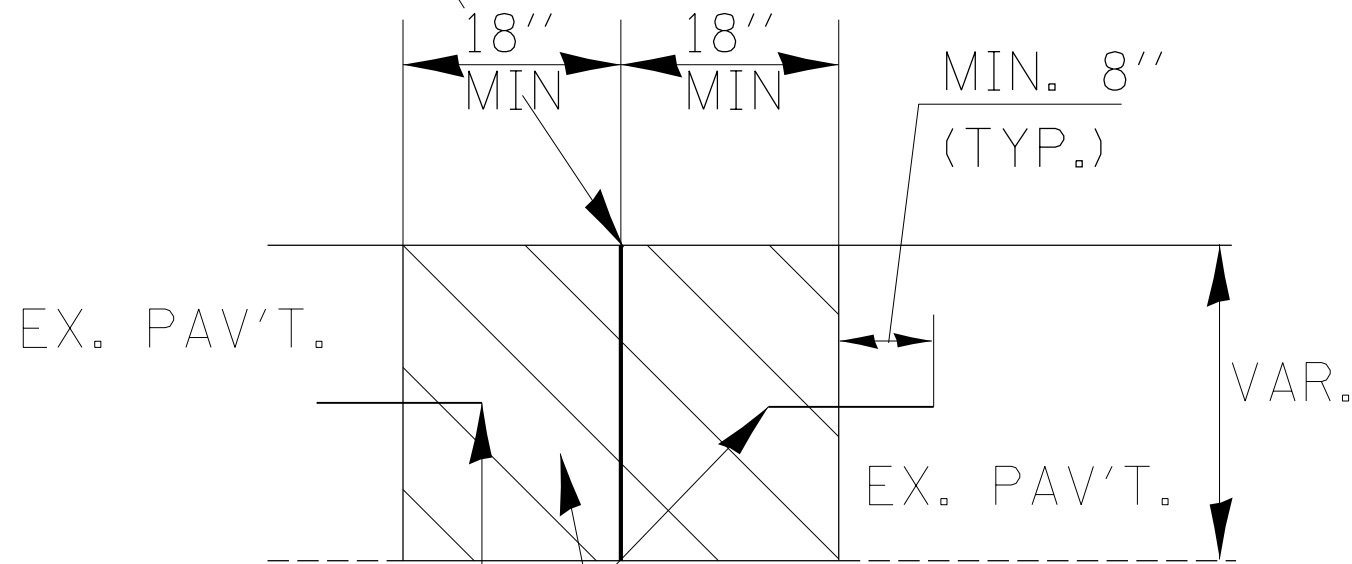
PATCHING SCHEDULE LOCATION #2

LOCATION	NUM. OF PATCHES	WIDTH	LENGTH	CLASS B, TY 2, 12"	CLASS B, TY 3, 12"	CLASS B, TY 1, 12" (SPECIAL)	CLASS B, TY 2, 12" (SPECIAL)	CLASS B, TY 4, 12" (SPECIAL)	SAW CUTS	TIE BARS	DOWEL BARS	PAV' T FABRIC	PAV' T REMOVAL
<u>LEWIS LANE SB</u>													
	1	3	3			1			18	8			1
	8	12	6	64					432		160		
CL JOINT	1	3	18				6		63	26			6
CL JOINT	1	3	12			4			45	20			4
	2	12	8	21					120		40		
	4	12	10	53					264		80		
	1	6	10				7		48	26			7
<u>LEWIS LANE NB</u>													
	1	2	2			0.4			12	8			0.4
	8	12	6	64					432		160		
	2	6	10				13		96	52			13
CL JOINT	1	3	6			2			27	14			2
	3	6	6			12			108	72			12
	1	3	6			2			27	14			2
	2	12	8	21					120		40		
	1	4	4			2			24	18			2
	1	12	10	13					66		20		
DETECTOR LOOPS	2	12	6	16			16		108		40		16
TAPER	1	8	48					43	168	63		43	43
<u>OLD IL 13 SPUR</u>													
	1	6	10				7		48	26			7
	1	12	8	11					60		20		
	2	12	6	16					108		40		
CL JOINT	1	4	8			4			36	16			4
LOCATION TOTALS				280		27	49	43	2430	363	600	43	118
TOTALS FROM LOCATION #1 & #2													
PROJECT TOTALS				827	123	27	49	176	7635	779	2000	298	252

CLASS B PATCH SPL AT JOINT

CLASS B PATCH SPL

PREFORMED JOINT FILLER
1" (INCLUDED IN CL. B
PATCHES (SPL.))

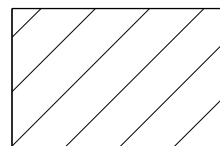


TIE BARS 3/4"
ON 24" CENTERS
PERPENDICULAR TO
LANE, 12" CENTERS
AT END OF PATCH.

PR. CLASS B
PATCHES (SPL.)

TIE BARS 3/4"
ON 24" CENTERS
PERPENDICULAR TO
LANE, 12" CENTERS
AT END OF PATCH.

PR. CLASS B
PATCHES (SPL.)



EXIST. PCC PAVEMENT
TO BE REMOVED

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
c:\pwork\pwork\knoten\d0427543\78462	sh-t-pln-g2r.dgn	DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/16/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS B PATCH (SPECIAL) DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 CM PATCH 2016-1	JACKSON	9	8
CONTRACT NO. 78462			ILLINOIS FED. AID PROJECT	

