

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322/331	D9 Patch 2022-3	JACKSON	7	1
		ILLINOIS	CONTRACT NO. 78891	

PROPOSED HIGHWAY PLANS

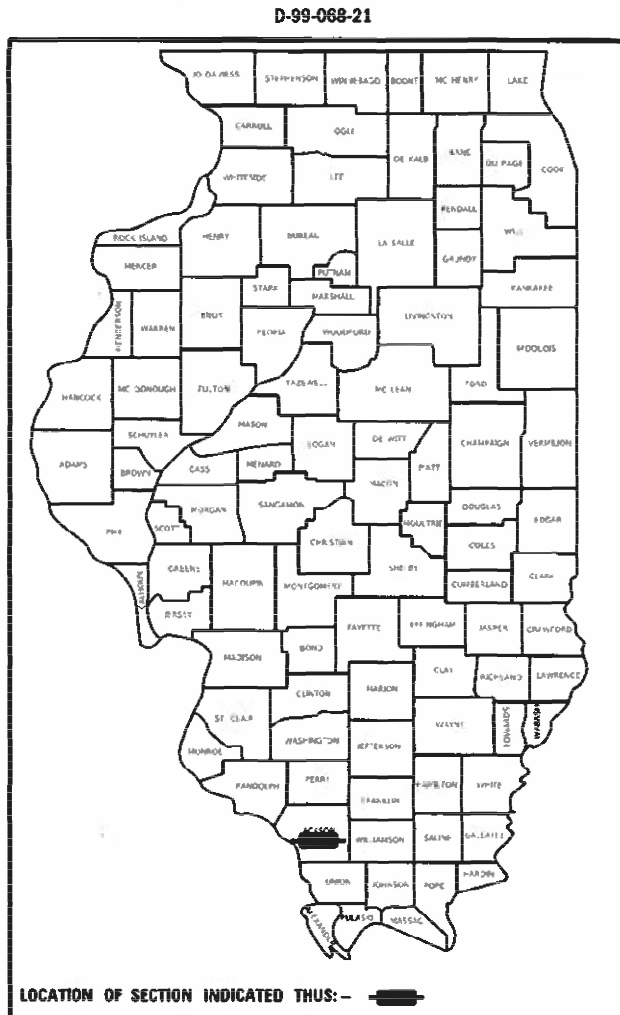
FAP 322 /FAP 331 (U.S. 51 & IL 13)
SECTION D9 Patch 2022-3
JACKSON COUNTY

C-99-090-21

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

TRAFFIC DATA

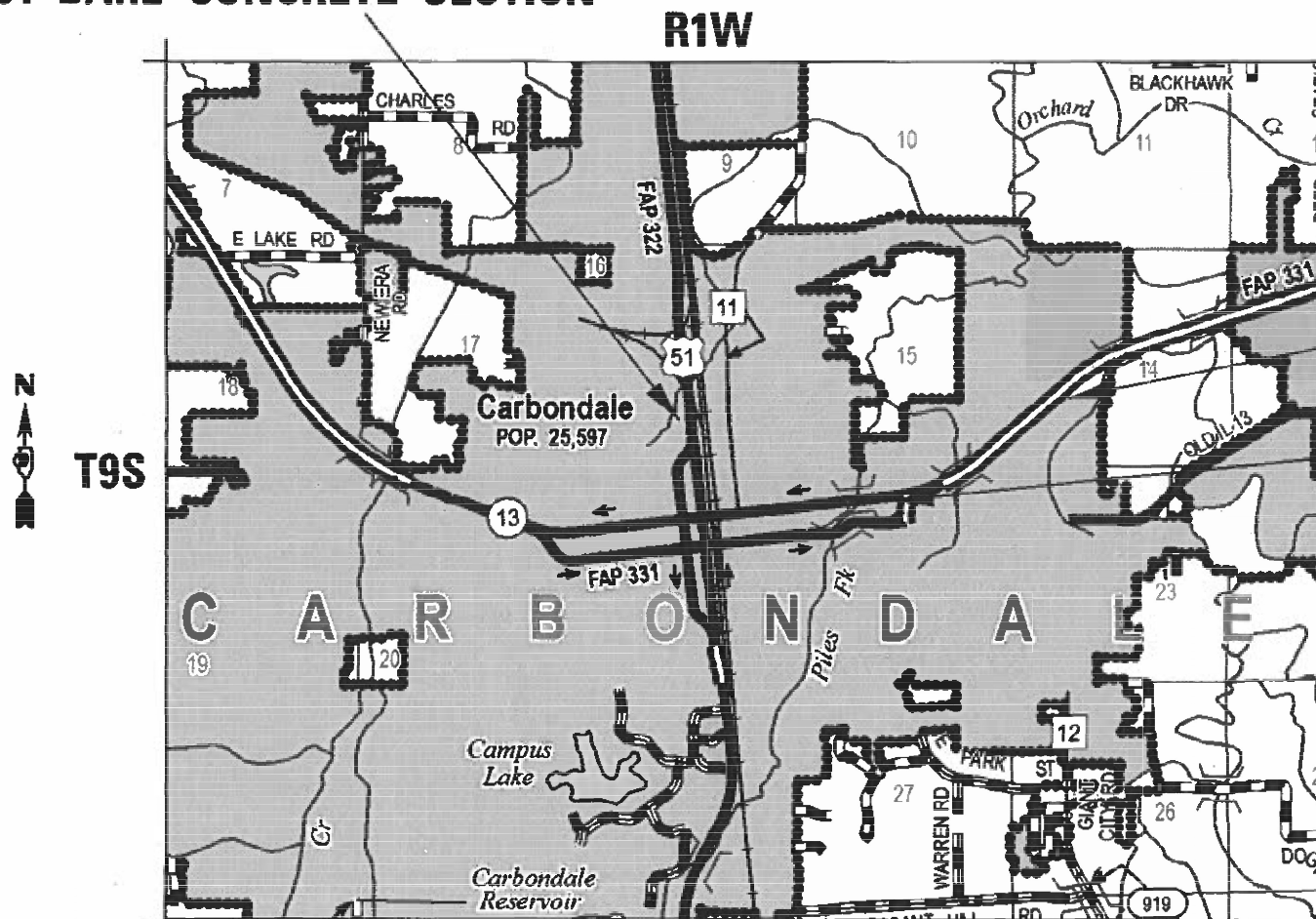
2019 ADT 12,600 WITH 5% TRUCKS
2022 ADT 13,180 WITH 5% TRUCKS



TOWNSHIPS

LOCATION 1
U.S. 51 BARE CONCRETE SECTION

CARBONDALE



LOCATION 2
IL 13 WB DL AT GIANT CITY RD

LOCATION 3
IL 13 WB LT TURN LANE AT LEWIS RD

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 EXCAVATORS
1-800-892-0123
OR 811

PROJECT MANAGER SUSAN POE
PROJECT ENGINEER JOHN BROWN

CONTRACT NO. 78891

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 11-24-21
[Signature]
REGIONAL ENGINEER

February 4, 2022
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

February 4, 2022
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

Prepared By: Charles Stein
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Hei
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Car Mike
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: R. G. O.
DISTRICT OPERATIONS ENGINEER

Examined By: DRR
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Douglas J. Muehl
DISTRICT CONSTRUCTION ENGINEER

Examined By: R. G. O.
DISTRICT MATERIALS ENGINEER

MODIFY: MODIF NAME'S
FILE NAME: SHEETS

USER NAME = SUSERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = SSCALES	CHECKED -	REVISED -
PLOT DATE = SUATES	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
022/331	09 PATCH 2022-3	JACKSON	7	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78891	

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, GENERAL NOTES, AND HIGHWAY STANDARDS
4	SUMMARY OF QUANTITIES
5-7	SCHEDULES

GENERAL NOTES

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED WILL BE DETERMINED BY THE ENGINEERS.

COMMITMENTS

NO COMMITMENTS.

HIGHWAY STANDARDS

000001-08_STANDARDSYMBOLSABBREVIATIONS&PATTERNS-001
 001001-02_AREASOFREINFREBARS
 001006_DECIMALOFINCH&FOOT
 442101-09_CLASSBPATCHES
 701601-09_URBANLNCLOSUREMULTILN1W2WWITHNONTRVSABLEMED
 701602-10_URBANLNCLOSUREMULTILN2WWITHBIDIRECTLEFTTURNLN
 701801-06_SIDEWALKCORNERORCROSSWALKCLOSURE
 701901-08_TRAFCNTRLDEVICES
 780001-05_TYPICALPVMTMRKINGS
 606001-08_CONCCURBTYPED-COMBOCONCC-G
 701101-05_OFFRDOP-MULTILN-LESSTHAN15FTTOEOP
 701106-02_OFFRDOP-MULTILN-MORETHAN15FTAWAY
 420701-03_PAVEMENT WELDED WIRE REINFORCEMENT

REV. - MS

MODEL NAME: MAMES
FILE NAME: 811215

	USER NAME = SUSERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, AND HIGHWAY STANDARDS	F.A.P. RTE. 322/331	SECTION D9 PATCH 2022-3	COUNTY JACKSON	TOTAL SHEETS 7	SHEET NO. 3
	PLOT SCALE = \$SCALES	CHECKED -	REVISED -			CONTRACT NO. 78891				
	PLOT DATE = \$DATES	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
						ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

COUNTY:	JACKSON CO
ROUTE:	IL-13/U.S. 51
FUNDING:	100% STATE
LOCATION:	URBAN
	ROADWAY
	0006

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	37	37
44200948	CLASS B PATCHES, TYPE I, 9 INCH	SQ YD	3	3
44200956	CLASS B PATCHES, TYPE II, 9 INCH	SQ YD	441	441
44200962	CLASS B PATCHES, TYPE III, 9 INCH	SQ YD	46	46
44200964	CLASS B PATCHES, TYPE IV, 9 INCH	SQ YD	96	96
44201299	DOWEL BARS 1 1/2"	EACH	1,850	1,850
44213000	PATCHING REINFORCEMENT	SQ YD	142	142
44213200	SAW CUTS	FOOT	4,508	4,508
44213204	TIE BARS 3/4"	EACH	146	146
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	65	65
67100100	MOBILIZATION	L SUM	1	1
70102631	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	EACH	2	2
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	56
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1

REV. - MS

MODEL NAME: MAMIES
FILE NAME: 811215

USER NAME = SUSERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 5SCALES	CHECKED -	REVISED -					322/331	D9 PATCH 2022-3	JACKSON	7	4	
PLOT DATE = SDATES	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 78891	
											ILLINOIS FED. AID PROJECT	

LOC 1 U.S. 51 SBDL PATCHING

LOCATION	WIDTH	LENGTH	CLASS B PATCHES TYPE I 9 INCH	CLASS B PATCHES TYPE II 9 INCH	CLASS B PATCHES TYPE III 9 INCH	CLASS B PATCHES TYPE IV 9 INCH	SAW CUTS	PATCHING REINF.	DOWEL BARS 1 1/2"	TIE BARS 3/4"
PATCH NO.	DRIVING LANE		SQYD	SQYD	SQYD	SQYD	FOOT	SQYD	EACH	EACH
U.S. 51 SOUTHBOUND			SQYD	SQYD	SQYD	SQYD	FOOT	SQYD	EACH	EACH
1	17	4		8			59		32	
2	12	4		5			44		20	
3	12	4		5			44		20	
4	12	4		5			44		20	
5	12	4		5			44		20	
6	12	4		5			44		20	
7	12	4		5			44		20	
8	12	4		5			44		20	
9	12	4		5			44		20	
10	12	4		5			44		20	
11	12	4		5			44		20	
12	12	4		5			44		20	
13	12	4		5			44		20	
14	12	4		5			44		20	
15	12	4		5			44		20	
16	12	4		5			44		20	
17	12	4		5			44		20	
18	12	4		5			44		20	
19	12	4		5			44		20	
20	12	4		5			44		20	
21	12	4		5			44		20	
22	12	4		5			44		20	
23	12	4		5			44		20	
24	17	4		8			59		32	
25	5	5	3				25		4	
26	16	4		7			56		32	
27	14	4		6			50		30	
TOTAL			3	146			1217		570	

LOC 1 U.S. 51 SBPL PATCHING

LOCATION	WIDTH	LENGTH	CLASS B PATCHES TYPE I 9 INCH	CLASS B PATCHES TYPE II 9 INCH	CLASS B PATCHES TYPE III 9 INCH	CLASS B PATCHES TYPE IV 9 INCH	SAW CUTS	PATCHING REINF.	DOWEL BARS 1 1/2"	TIE BARS 3/4"
PATCH NO.	PASSING LANE		SQYD	SQYD	SQYD	SQYD	FOOT	SQYD	EACH	EACH
U.S. 51 SOUTHBOUND			SQYD	SQYD	SQYD	SQYD	FOOT	SQYD	EACH	EACH
1	12	17			23		70	23	20	
2	12	4		5			44		20	
3	12	4		5			44		20	
4	12	4		5			44		20	
5	12	4		5			44		20	
6	12	4		5			44		20	
7	12	4		5			44		20	
8	12	4		5			44		20	
9	12	4		5			44		20	
10	12	4		5			44		20	
11	12	4		5			44		20	
12	12	4		5			44		20	
13	12	4		5			44		20	
14	12	4		5			44		20	
15	12	4		5			44		20	
TOTAL				75	23		686	23	300	

MODEL NUMBER: MAMES
FILE NAME: 811215

USER NAME = SUSERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 5/8" = 1'	CHECKED -	REVISED -
PLOT DATE = 5/24/22	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PATCHING SCHEDULES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322/331	D9 PATCH 2022-3	JACKSON	7	5
CONTRACT NO. 78891			ILLINOIS FED. AID PROJECT	

LOC 1 U.S. 51 NBDL PATCHING

LOCATION	WIDTH	LENGTH	CLASS B PATCHES TYPE I 9 INCH	CLASS B PATCHES TYPE II 9 INCH	CLASS B PATCHES TYPE III 9 INCH	CLASS B PATCHES TYPE IV 9 INCH	SAW CUTS	PATCHING REINF.	DOWEL BARS 1 1/2"	TIE BARS 3/4"
PATCH NO.	DRIVING LANE		SQYD	SQYD	SQYD	SQYD	FOOT	SQYD	EACH	EACH
U.S. 51 NORTHBOUND										
1	12	4		5			44		20	
2	17	4		8			59		32	
3	12	4		5			44		20	
4	12	4		5			44		20	
5	12	4		5			44		20	
6	12	4		5			44		20	
7	12	4		5			44		20	
8	12	4		5			44		20	
9	12	4		5			44		20	
10	12	4		5			44		20	
11	12	4		5			44		20	
12	12	4		5			44		20	
13	12	4		5			44		20	
14	12	4		5			44		20	
15	12	4		5			44		20	
16	12	4		5			44		20	
17	12	4		5			44		20	
18	12	4		5			44		20	
19	12	4		5			44		20	
20	12	4		5			44		20	
21	12	4		5			44		20	
22	12	4		5			44		20	
23	12	4		5			44		20	
24	12	4		5			44		20	
25	12	4		5			44		20	
TOTAL				136			1115		512	

LOC 1 U.S. 51 NBPL PATCHING

LOCATION	WIDTH	LENGTH	CLASS B PATCHES TYPE I 9 INCH	CLASS B PATCHES TYPE II 9 INCH	CLASS B PATCHES TYPE III 9 INCH	CLASS B PATCHES TYPE IV 9 INCH	SAW CUTS	PATCHING REINF.	DOWEL BARS 1 1/2"	TIE BARS 3/4"
PATCH NO.	PASSING LANE		SQYD	SQYD	SQYD	SQYD	FOOT	SQYD	EACH	EACH
U.S. 51 NORTHBOUND										
1	12	17			23		70	23	20	
2	12	4		5			44		20	
3	12	4		5			44		20	
4	12	4		5			44		20	
5	12	4		5			44		20	
6	12	4		5			44		20	
7	12	4		5			44		20	
8	12	4		5			44		20	
9	12	4		5			44		20	
10	12	4		5			44		20	
11	12	4		5			44		20	
12	12	4		5			44		20	
13	12	4		5			44		20	
TOTAL				64	23		598	23	260	

MODEL NUMBER: MAMES
FILE NAME: 811215

USER NAME = SUSERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 5/8"=1'	CHECKED -	REVISED -
PLOT DATE = 5/24/25	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PATCHING SCHEDULES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322/331	D9 PATCH 2022-3	JACKSON	7	6
CONTRACT NO. 78891			ILLINOIS FED. AID PROJECT	

LOC 2 IL-13/GIANT CITY RD WBDL

LOCATION	WIDTH	LENGTH	CLASS B PATCHES TYPE II 8 INCH	SAW CUTS	PATCHING REINF.	DOWEL BARS 1 1/2"
PATCH NO.	DRIVING LANE					
IL-13 WESTBOUND			SQYD	FOOT	SQYD	EACH
1	12	4	5	44		20
2	12	4	5	44		20
3	12	4	5	44		20
4	12	4	5	44		20
5	12	4	5	44		20
6	12	4	5	44		20
7	12	4	5	44		20
TOTAL			37	308		140

LOC 3 IL-13/LEWIS LEFT TURN LANE PATCHING

LOCATION	WIDTH	LENGTH	CLASS B PATCHES TYPE I 9 INCH	CLASS B PATCHES TYPE II 9 INCH	CLASS B PATCHES TYPE III 9 INCH	CLASS B PATCHES TYPE IV 9 INCH	SAW CUTS	PATCHING REINF.	DOWEL BARS 1 1/2"	TIE BARS 3/4"
PATCH NO.	LEFT TURN LANE									
IL-13/LEWIS WESTBOUND			SQYD	SQYD	SQYD	SQYD	FOOT	SQYD	EACH	EACH
1	4	126				56	264	56	4	86
2	4	88				39	188	40	4	60
3	12	4		7			44		20	
4	12	4		7			44		20	
5	12	4		7			44		20	
TOTAL				21		96	584	96	68	146

GRAND TOTALS

CLASS B PATCHES TYPE II 8 INCH	CLASS B PATCHES TYPE I 9 INCH	CLASS B PATCHES TYPE II 9 INCH	CLASS B PATCHES TYPE III 9 INCH	CLASS B PATCHES TYPE IV 9 INCH	SAW CUTS	PATCHING REINF.	DOWEL BARS 1 1/2"	TIE BARS 3/4"
SQYD	SQYD	SQYD	SQYD	SQYD	FOOT	SQYD	EACH	EACH
37	3	441	46	96	4508	142	1850	146

MODEL NUMBER: MAMES
FILE NAME: 811215

USER NAME = SUSERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 5/8"=1'	CHECKED -	REVISED -
PLOT DATE = 5/24/25	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PATCHING SCHEDULES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322/331	D9 PATCH 2022-3	JACKSON	7	7
CONTRACT NO. 78891			ILLINOIS FED. AID PROJECT	