

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	101PP-1	JACKSON	6	1
		ILLINOIS	CONTRACT NO. 78A36	

FOR INDEX OF SHEETS, SEE SHEET NO. 3

TRAFFIC DATA

IL 149: MP 0.00 TO 3.66 FROM IL 3 TO MARINA RD			
	2021	2024	2044
PV =	1,990	2,050	2,500
SU =	60	60	75
MU =	250	260	315
ADT =	2,300	2,370	2,890

**TOWNSHIPS
SAND RIDGE**

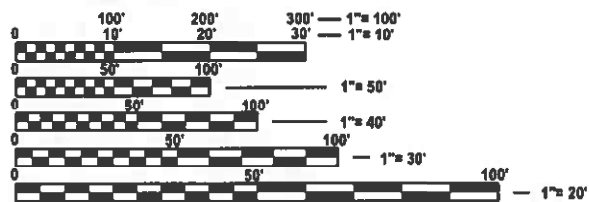
EQUATION STATIONS: IL 149

EQ. STA. 326+38.26 (BK.) = STA. 326+58.86 (AH.)

OMISSION STATIONS: IL 149

STA. 318+78.91 TO STA. 321+16.88 (S.N. 039-0056)

POSTED SPEED : 55 MPH



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 VALERIE ROLLA - (618) 351-5214
PROJECT MANAGER JOHN A. BRANDON - (618) 351-5319

CONTRACT NO. 78A36

**PROPOSED
HIGHWAY PLANS**

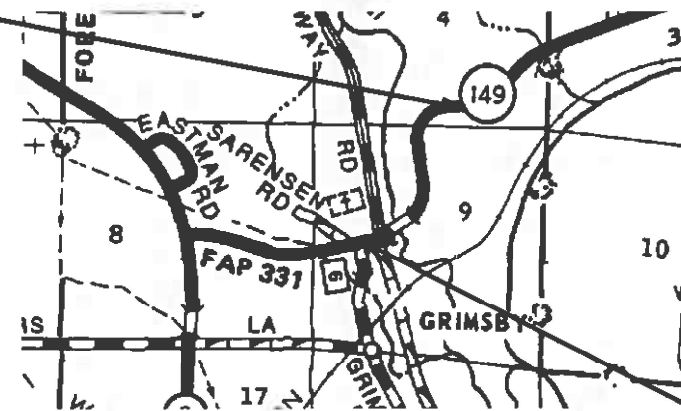
FAP ROUTE 331 (IL 149)
SECTION 101PP-1
PROJECT
PATCHING
JACKSON COUNTY

C-99-043-24

R3W

BEGIN IMPROVEMENT
STATION 277 + 58

T8S



T9S

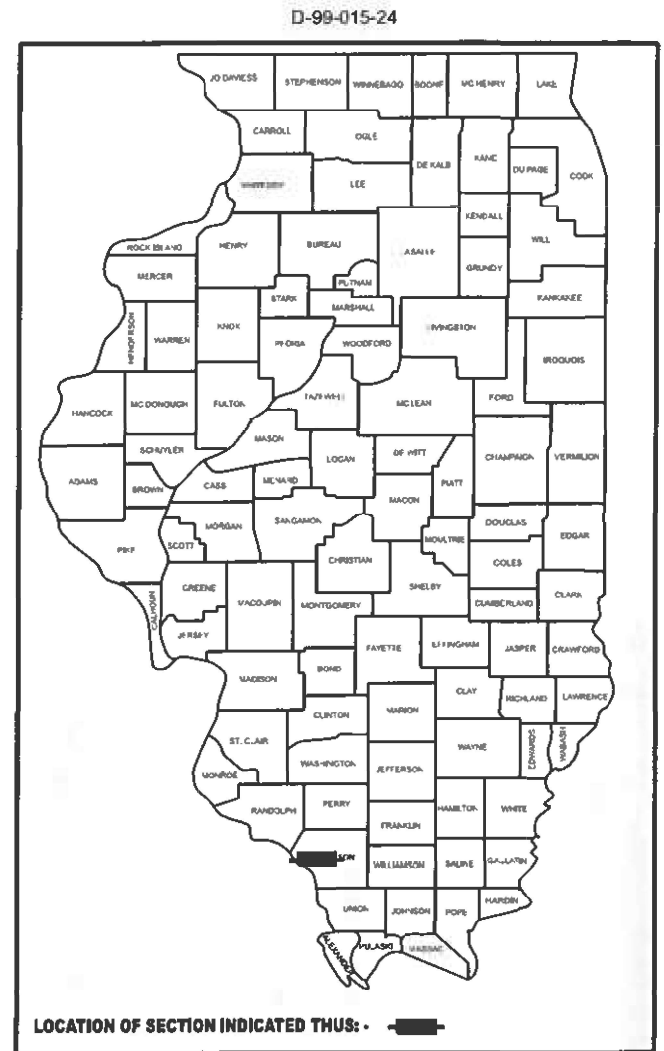
T8S

T9S

END IMPROVEMENT
STATION 327 + 42

R3W

GROSS LENGTH = 4963.20 FT. = 0.940 MILES
OMISSIONS = 237.97 FT. = 0.045 MILES
NET LENGTH = 4725.23 FT. = 0.895 MILES



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 9 20 24
Kirk H. Brown
REGIONAL ENGINEER

March 22, 2024 [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 22, 2024 [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

MODEL: Signature (Sheet)
FILE NAME: c:\ow\work\adon\boho\0406022117\0878A36-SHA-Cover_Sig.dwg

USER NAME	= Brandy.Maes	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 0.16666633' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 1/9/2024	DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

SCALE: 1"=50' SHEET OF 6 SHEETS STA. TO STA.

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	101PP-1	JACKSON	6	2
CONTRACT NO. 78A36				
ILLINOIS FED. AID PROJECT				

Prepared By:

DISTRICT STUDIES & PLANS ENGINEER

Examined By:


DISTRICT LAND ACQUISITION ENGINEER

Examined By:


DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By:


DISTRICT OPERATIONS ENGINEER

Examined By:


DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By:


DISTRICT CONSTRUCTION ENGINEER

Examined By:


DISTRICT MATERIALS ENGINEER

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS AND COMMITMENTS
4	SUMMARY OF QUANTITIES
5-6	SCHEDULES

HIGHWAY STANDARDS

000001-08	Standard Symbols, Abbreviations and Patterns
001001-02	Areas of Reinforcement Bars
001006	Decimal of an Inch and of a Foot
420001-10	Pavement Joints
420701-03	Pavement Welded Wire Mesh
442101-09	Class B Patches
701336-07	Lane Closure, 2L, 2W, Work Areas in Series, for Speeds > 45 MPH
701901-09	Traffic Control Devices

GENERAL NOTES

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

COMMITMENTS: NONE

REV. - MS

MODEL: Index (1) (Sheet)
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 PLOT DATE: 1/9/2024
 PLOT SCALE: 0.16666633 / in.
 USER NAME: Brandy.Maes

USER NAME = Brandy.Maes	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX, HIGHWAY STANDARDS, GENERAL NOTES & COMMITMENTS	F.A.P. RTE. 331	SECTION 101PP-1	COUNTY JACKSON	TOTAL SHEETS 6	SHEET NO. 3	
PLOT SCALE = 0.16666633 / in.	DRAWN -	REVISED -			SCALE:	SHEET 3	OF 6	SHEETS	STA.	TO STA.
PLOT DATE = 1/9/2024	CHECKED -	REVISED -			CONTRACT NO. 78A36					
	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES

COUNTY:	JACKSON CO
ROUTE:	FAP 331
FUNDING:	100% STATE
LOCATION:	RURAL
	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	
4200060	WELDED WIRE REINFORCEMENT	SQ YD	194
44200929	CLASS B PATCHES, TYPE I, 8 INCH	SQ YD	18
44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	334
44200942	CLASS B PATCHES, TYPE III, 8 INCH	SQ YD	60
44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SQ YD	134
44201299	DOWEL BARS 1 1/2"	EACH	962
44213200	SAW CUTS	FOOT	2,705
44213204	TIE BARS 3/4"	EACH	65
67100100	MOBILIZATION	L SUM	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28

MODEL: SDC-1 (Rev. 11/14)
 FILE NAME: P:\GIS\Projects\DOT\Documents\DOT\Office\Output\BORD\Project\78A36\Drawings\078A36-SQ-Summary.dwg

REV. - MS

USER NAME = Brandy.Maes PLOT SCALE = 0.16666633 / in. PLOT DATE = 1/9/2024	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE. 331	SECTION 101PP-1	COUNTY JACKSON	TOTAL SHEETS 6	SHEET NO. 4
SCALE: SHEET 5 OF SHEETS STA. TO STA.				CONTRACT NO. 78A36 ILLINOIS FED. AID PROJECT					

CLASS B PATCHING SCHEDULE

LOCATION		WIDTH	LENGTH	AREA	CLASS B PATCHES, TY I, 8"	CLASS B PATCHES, TY II, 8"	CLASS B PATCHES, TY III, 8"	CLASS B PATCHES, TY IV, 8"	TIE BARS 3/4"	DOWEL BARS 1 1/4"	SAW CUTS	WELDED WIRE REINFORCEMENT
PATCH NO.	LANE	FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	EACH	EACH	FT	SQ YD
1	NB	12	6	8.0	.	8.	.	.	0	20	48	
2	NB	12	6	8.0	.	8.	.	.	0	20	48	
3	NB	6	6	4.0	4.	.	.	.	0	8	30	
4	NB	12	6	8.0	.	8.	.	.	0	20	48	
5	NB	12	6	8.0	.	8.	.	.	0	20	48	
6	NB	12	6	8.0	.	8.	.	.	0	20	48	
7	NB	12	6	8.0	.	8.	.	.	0	20	48	
8	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
9	NB	12	6	8.0	.	8.	.	.	0	20	48	
10	NB	12	6	8.0	.	8.	.	.	0	20	48	
11	NB	12	6	8.0	.	8.	.	.	0	20	48	
12	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
13	Rt Ln	6	100	66.7	.	.	.	66.7	50	8	218	66.7
14	Rt Ln	12	15	20.0	.	.	20.	.	0	20	66	20.
15	NB	12	6	8.0	.	8.	.	.	0	20	48	
16	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
17	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
18	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
19	Rt Ln	12	8	10.7	.	10.7	.	.	0	20	52	
20	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
21	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
22	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
23	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
24	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
25	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
26	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
27	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
28	Rt Ln	12	30	40.0	.	.	.	40.	15	20	96	40.
29	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
30	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
31	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
32	Rt Ln	12	15	20.0	.	.	20.	.	0	20	66	20.
33	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
34	Rt Ln	12	8	10.7	.	10.7	.	.	0	20	52	
35	Rt Ln	12	6	8.0	.	8.	.	.	0	20	48	
36	Rt Ln	9	6	6.0	.	6.	.	.	0	14	39	
37	Rt Ln	8	6	5.3	.	5.3	.	.	0	12	36	
38	Rt Ln	8	6	5.3	.	5.3	.	.	0	12	36	
39	Rt Ln	7	6	4.7	4.7	.	.	.	0	10	33	
40	Rt Ln	7	6	4.7	4.7	.	.	.	0	10	33	
SUB - TOTAL				422.0	13.3	262.0	40.0	106.7	65	734	2101	146.7

MODEL: Schedule1.dwg
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USER NAME = Brandy.Maes	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -	
PLOT DATE = 1/9/2024	DATE -	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULES			
SCALE: SCALE	SHEET 0	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	101PP-1	JACKSON	6	5
CONTRACT NO. 78A36				
ILLINOIS FED. AID PROJECT				

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CLASS B PATCHING SCHEDULE CONT.												
LOCATION		WIDTH	LENGTH	AREA	CLASS B PATCHES, TY I, 8"	CLASS B PATCHES, TY II, 8"	CLASS B PATCHES, TY III, 8"	CLASS B PATCHES, TY IV, 8"	TIE BARS 3/4"	DOWEL BARS 1 1/4"	SAW CUTS	WELDED WIRE REINFORCEMENT
PATCH NO.	LANE	FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	EACH	EACH	FT	SQ YD
41	SB	12	6	8.0	.	8.	.	.	0	20	48	
42	SB	6	6	4.0	4.	.	.	.	0	8	30	
43	SB	12	6	8.0	.	8.	.	.	0	20	48	
44	SB	12	6	8.0	.	8.	.	.	0	20	48	
45	SB	12	6	8.0	.	8.	.	.	0	20	48	
46	SB	12	6	8.0	.	8.	.	.	0	20	48	
47	SB	12	15	20.0	.	.	20.	.	0	20	66	20.
48	SB	12	6	8.0	.	8.	.	.	0	20	48	
49	SB	12	6	8.0	.	8.	.	.	0	20	48	
50	SB	12	6	8.0	.	8.	.	.	0	20	48	
51	SB	12	6	8.0	.	8.	.	.	0	20	48	
52	SB	12	20	26.7	.	.	.	26.67	0	20	76	26.7
SUB-TOTAL B:				122.7	4.0	72.0	20.0	26.7	0	228	604	46.7
SUB-TOTAL A:				422.0	13.3	262.0	40.0	106.7	65	734	2101	146.7
PROJECT TOTALS					18	334	60	134	65	962	2705	194

USER NAME = Brandy, Maes	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 1/9/2024	DATE -	REVISED -

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 DEPARTMENT OF TRANSPORTATION

SCHEDULES			
SCALE: SCALE	SHEET 0	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	101PP-1	JACKSON	6	6
CONTRACT NO. 78A36				
ILLINOIS FED. AID PROJECT				