

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FAS RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
904	D9 PATCH 2022-5	WILLIAMSON	5	1
ILLINOIS			CONTRACT NO. 78896	

FOR INDEX OF SHEETS, SEE SHEET NO. 3

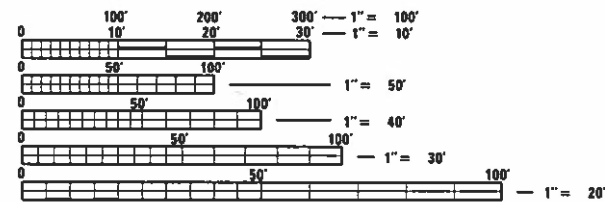
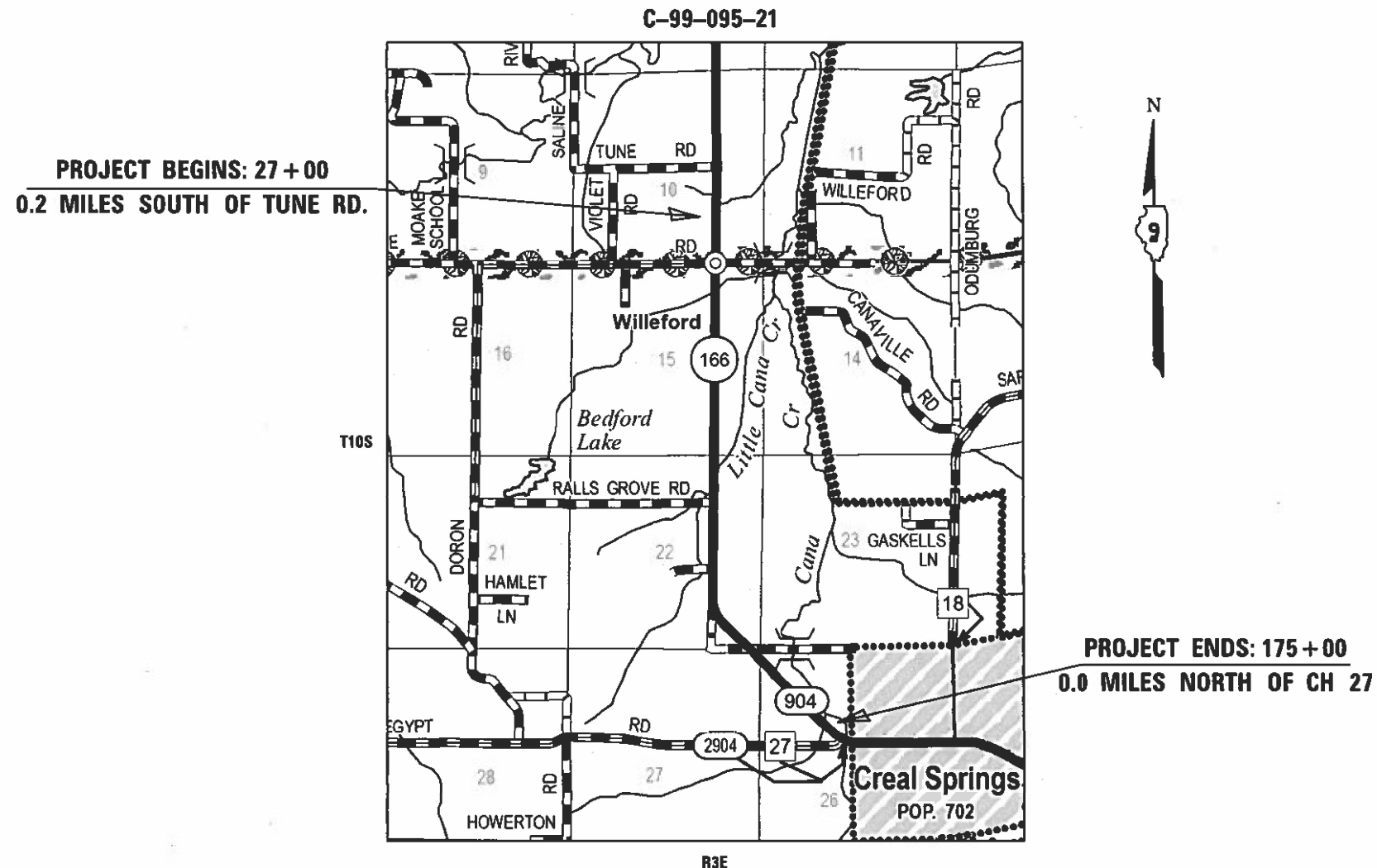
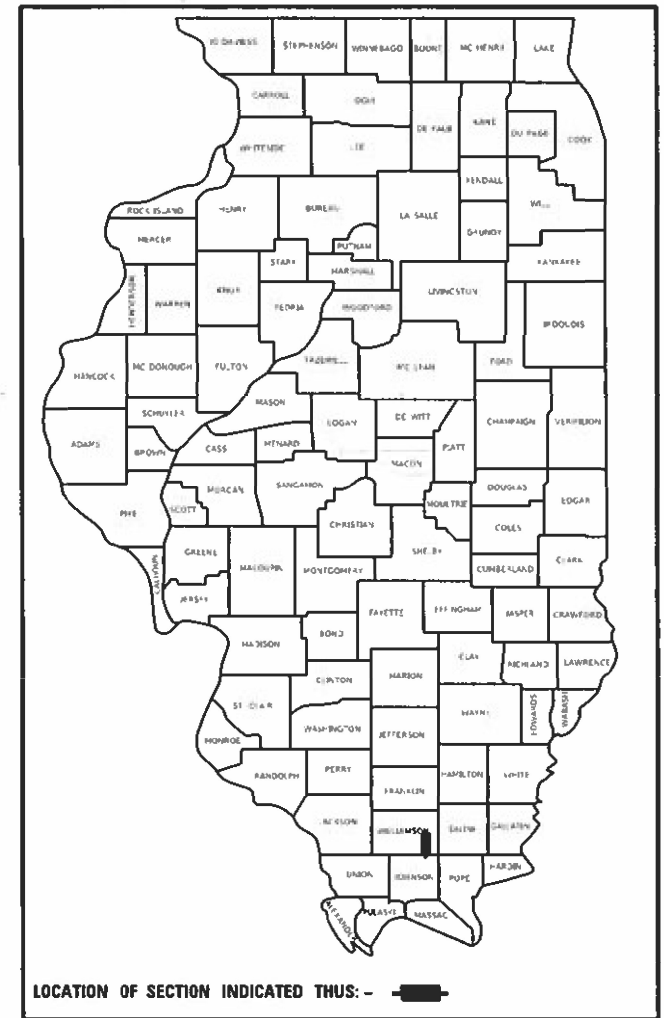
**TRAFFIC DATA**  
1,900 (2021) WITH 13% TRUCKS

**TOWNSHIP**  
CREAL SPRINGS

**PROPOSED  
HIGHWAY PLANS**

FAS 904 (IL ROUTE 166)  
SECTION D9 PATCH 2022-5  
PATCHING  
WILLIAMSON COUNTY

D-99-073-21



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 DESIGNER: JAKE WARREN

CONTRACT NO. 78896

GROSS LENGTH = 14,800 FT. = 2.80 MILE  
NET LENGTH = 14,800 FT. = 2.80 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED *Feb 2* 20 *22*  
*Stephen M. Inavon*  
REGIONAL ENGINEER

March 25 20 *22*  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

March 25 20 *22*  
*Stephen M. Inavon*  
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 Lee  
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Car M  
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: [Signature]  
DISTRICT OPERATIONS ENGINEER

Examined By: Douglas J. Mullah  
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Douglas J. Mullah  
DISTRICT CONSTRUCTION ENGINEER

Examined By: [Signature]  
DISTRICT MATERIALS ENGINEER

MODIFY: MODIFINAMPS  
FILE NAME: XFILEL3

USER NAME = SUSERS	DESIGNED - _____	REVISED - _____
DRAWN - _____	CHECKED - _____	REVISED - _____
PLOT SCALE = SSCALE5	DATE - _____	REVISED - _____
PLOT DATE = SUATES		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGNATURE SHEET**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
904	D9 PATCH 2022-5	WILLIAMSON	5	2

ILLINOIS FED. AID PROJECT

CONTRACT NO. 78896

# INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES
4	SUMMARY OF QUANTITIES
5	PATCHING SURVEY

# COMMITMENTS

NONE

# HIGHWAY STANDARDS

000001-08\_STANDARDSYMBOLSABBREVIATIONS&PATTERNS-001  
 001006\_DECIMALOFINCH&FOOT  
 442201-03\_CLASSC&DPATCHES  
 701201-05\_LNCLOSURE2L2W-DAYONLY  
 701306-04\_LNCLOSURE2L2W-SLOWMOVEOPDAYONLY45MPHORMORE  
 701901-08\_TRAFCNTRLDEVICES  
 780001-05\_TYPICALPVMTRKINGS  
 420001-10\_PAVEMENT JOINTS  
 420701-03\_PAVEMENT WELDED WIRE REINFORCEMENT

# GENERAL NOTES

WELDED WIRE REINFORCEMENT SHALL BE PLACED 3 1/2" BELOW THE TOP OF THE PATCH.

REV. - MS

MODEL NAME: INDEX  
FILE NAME: INDEX

USER NAME = SUSERS	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, STANDARDS, &amp; GENERAL NOTES</b>	F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = SSCALE\$	CHECKED - _____	REVISED - _____			904	D9 PATCH 2022-5	WILLIAMSON	5	3
PLOT DATE = SDATE\$	DATE - _____	REVISED - _____			CONTRACT NO. 78896		ILLINOIS FED. AID PROJECT		
			SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____						

# SUMMARY OF QUANTITIES

COUNTY:	WILLIAMSON CO
ROUTE:	FAS 904 (IL 166)
FUNDING:	100% STATE
LOCATION:	RURAL
	<b>ROADWAY</b>
	<b>0006</b>

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
44200050	WELDED WIRE REINFORCEMENT	SQ YD	650	650
X4420741	CLASS C PATCHES, TYPE I, 12 INCH (SPECIAL)	SQ YD	14	14
X4420742	CLASS C PATCHES, TYPE II, 12 INCH (SPECIAL)	SQ YD	113	113
X4421381	CLASS C PATCHES, TYPE III, 12 INCH (SPECIAL)	SQ YD	116	116
X4421382	CLASS C PATCHES, TYPE IV, 12 INCH (SPECIAL)	SQ YD	534	534
67100100	MOBILIZATION	L SUM	1.0	1.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0	1.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	1.0
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28.0	28.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	702.0	702.0

\* SPECIALTY ITEM

REV. - MS

MODEL NUMBER: MAM16  
FILE NAME: 811615

USER NAME = SUSERS	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - _____	REVISED - _____	904			D9 PATCH 2022-5	WILLIAMSON	5	4	
PLOT SCALE = SSCAL\$	CHECKED - _____	REVISED - _____			CONTRACT NO. 78896				
PLOT DATE = SDATES	DATE - _____	REVISED - _____	SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT			

## IL 166 PATCHING SURVEY

Patch #	Length (ft)	Width (ft)	Lane WB/EB	Area= (Width*Length)/ 9 (SQ.YD.)	4 CL C PATCH T1 12" (SQ.YD.)	CL C PATCH T2 12" (SQ.YD.)	CL C PATCH T3 12" (SQ.YD.)	CL C PATCH T4 12" (SQ.YD.)	WELDED WIRE (SQ. YD.)
1	20.0	6.0	SB	35.6				35.6	35.6
2	6.0	6.0	NB	4.0	4.0				
3	20.0	6.0	SB	13.3		13.3			
4	50.0	12.0	SB	66.7				66.7	66.7
5	105.0	6.0	SB	30.2				30.2	30.2
6	12.0	12.0	SB	16.0			16.0		16.0
7	35.0	12.0	SB	46.7				46.7	46.7
8	35.0	12.0	NB	46.7				46.7	46.7
9	20.0	12.0	SB	26.7				26.7	26.7
10	25.0	12.0	NB	33.3				33.3	33.3
11	80.0	12.0	SB	106.7				106.7	106.7
12	15.0	12.0	SB	20.0			20.0		20.0
13	20.0	12.0	SB	26.7				26.7	26.7
14	42.0	6.0	NB	28.0				28.0	28.0
15	10.0	6.0	SB	6.7		6.7			
16	10.0	6.0	SB	6.7		6.7			
17	10.0	6.0	SB	6.7		6.7			
18	8.0	6.0	SB	5.3		5.3			
19	15.0	6.0	SB	10.0		10.0			
20	21.0	6.0	SB	14.0		14.0			
21	39.0	6.0	SB	26.0				26.0	26.0
22	15.0	12.0	NB	20.0			20.0		20.0
23	15.0	6.0	NB	10.0		10.0			
24	7.0	6.0	SB	4.7	4.7				
25	7.0	6.0	SB	4.7	4.7				
26	20.0	6.0	NB	13.3		13.3			
27	15.0	6.0	NB	10.0		10.0			
28	15.0	6.0	SB	10.0		10.0			
29	10.0	6.0	SB	6.7		6.7			
30	18.0	12.0	NB	24.0			24.0		24.0
31	12.0	12.0	NB	16.0			16.0		16.0
32	15.0	12.0	SB	20.0			20.0		20.0
33	45.0	12.0	NB	60.0				60.0	60.0
<b>TOTAL</b>				775.1	14.0	113.0	116.0	534.0	650.0

MODEL NAME: MAMES  
FILE NAME: 811215

<small>USER NAME =</small> SUSERS	<small>DESIGNED -</small> _____	<small>REVISED -</small> _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PATCHING SURVEY</b>		<small>F.A.S RTE.</small> 904	<small>SECTION</small> D9 PATCH 2022-5	<small>COUNTY</small> WILLIAMSON	<small>TOTAL SHEETS</small> 5	<small>SHEET NO.</small> 5
<small>PLOT SCALE =</small> \$SCALES\$	<small>CHECKED -</small> _____	<small>REVISED -</small> _____		<small>SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____</small>		<small>CONTRACT NO. 78896</small>				
<small>PLOT DATE =</small> \$DATES\$	<small>DATE -</small> _____	<small>REVISED -</small> _____		<small>ILLINOIS FED. AID PROJECT</small>						