

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	D7 PATCHING 2025-5	FAYETTE	4	1
		ILLINOIS	CONTRACT NO. 74D43	

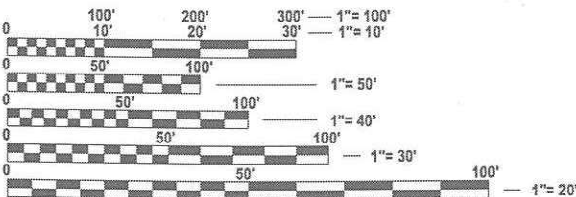
FOR INDEX OF SHEETS, SEE SHEET NO. 2

AADT = 1400

PROPOSED
HIGHWAY PLANS

FAI ROUTE 70 (I 70)
D7 PATCHING 2025-5
PAVEMENT PATCHING
FAYETTE COUNTY

C-97-015-25

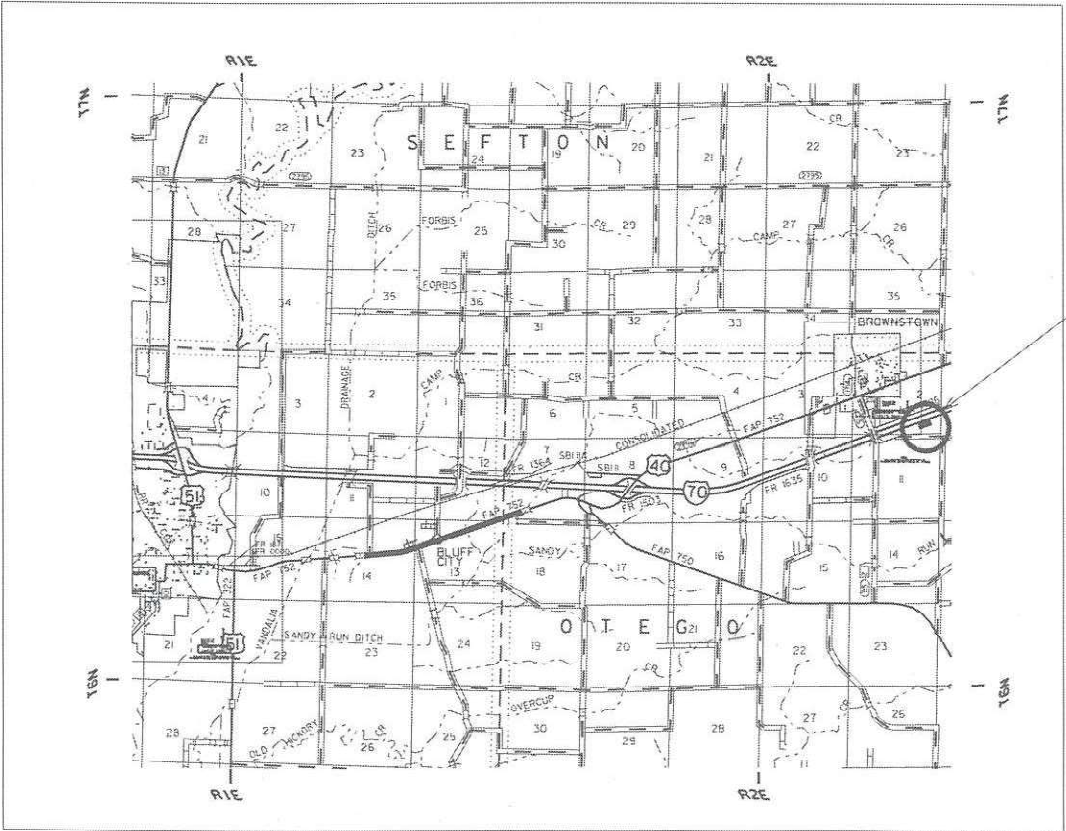


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: BENJAMIN DETERS
PROJECT MANAGER: ANDREW NIEMERG

CONTRACT NO. 74D43



PROJECT LOCATION

GROSS LENGTH = 5596.8 FT. = 1.06 MILE
NET LENGTH = 5596.8 FT. = 1.06 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED MARCH 26 2025
Loa Rensing REGIONAL ENGINEER

May 9 2025
See A Etc ENGINEER OF DESIGN AND ENVIRONMENT

May 9 2025
Harry DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

THIS PROJECT IS LOCATED ON EASTBOUND I-70 AT THE BROWNSTOWN WEIGH STATION IN FAYETTE COUNTY. THE WORK INCLUDED IN SECTION D7 PATCHING 2025-5 CONSISTS OF CLASS A PAVEMENT PATCHING, CLASS B PAVEMENT PATCHING, TRAFFIC CONTROL, AND ANY OTHER WORK NECESSARY TO COMPLETE THIS PROJECT.

THE ACTUAL LOCATIONS OF PAVEMENT PATCHING AND FINAL QUANTITIES WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

PATCHING REINFORCEMENT SHALL BE #6 REBAR

THE RESIDENT ENGINEER SHALL CONTACT THE ILLINOIS STATE POLICE AT THE WEIGH STATION, PHONE NUMBER IS 618-427-3708, TO INFORM THEM OF THE IMPENDING TEMPORARY CLOSURE OF THE WEIGH STATION.

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS & LIST OF STANDARDS
3	SUMMARY OF QUANTITIES
4	PATCHING SCHEDULE

HIGHWAY STANDARDS

STD. NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBEVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-10	PAVEMENT JOINTS
442001-04	CLASS A PATCHES
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701400-12	APPROACH TO LANE CLOSURE FREEWAY/EXPRESSWAY
701406-13	LANE CLOSURE FREEWAY/EXPRESSWAY DAY OPERATIONS ONLY
701451-05	RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-10	TRAFFIC CONTROL DEVICES

REV - MS

MODEL: GENERAL NOTES[Sheet]
FILE NAME: c:\pwwork\pwwork\andrew.niemerg@illinois.gov\1064883\174D43_CanNotIndex.dgn

	USER NAME = andrew.niemerg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX AND HIGHWAY STANDARDS			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					70	D7 PATCHING 2025-5	FAYETTE	4	2
		CHECKED -	REVISED -					CONTRACT NO. 74D43				
	PLOT DATE = 3/24/2025	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:		SHEET 1	OF 1	SHEETS	STA.	TO STA.		

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				100% STATE
				CONSTR. CODE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0006
				RURAL
44200050	WELDED WIRE REINFORCEMENT	SQ YD	779	779
44201043	CLASS B PATCHES, TYPE II, 16 INCH	SQ YD	22	22
44201047	CLASS B PATCHES, TYPE III, 16 INCH	SQ YD	39	39
44201048	CLASS B PATCHES, TYPE IV, 16 INCH	SQ YD	740	740
44201299	DOWEL BARS 1 1/2"	EACH	482	482
44213000	PATCHING REINFORCEMENT	SQ YD	1684	1684
44213200	SAW CUTS	FOOT	3860	3860
44213204	TIE BARS 3/4"	EACH	566	566
67100100	MOBILIZATION	L SUM	1	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14
X4420573	CLASS A PATCHES, TYPE I, 12 INCH (SPECIAL)	SQ YD	4	4
X4420575	CLASS A PATCHES, TYPE II, 12 INCH (SPECIAL)	SQ YD	18	18

				100% STATE
				CONSTR. CODE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0006
				RURAL
X4420577	CLASS A PATCHES, TYPE III, 12 INCH (SPECIAL)	SQ YD	18	18
X4420579	CLASS A PATCHES, TYPE IV, 12 INCH (SPECIAL)	SQ YD	1644	1644
XP000012	ARROWBOARD (TRAILER MOUNTED)	HOUR	320	320
XP000013	ATTENUATOR, CRASH (TRUCK MOUNTED)	HOUR	320	320

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/26/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	D7 PATCHING 2025-5	FAYETTE	4	3
CONTRACT NO. 74D43				
ILLINOIS FED. AID PROJECT				

MODEL: SCHEDULE [Sheet]
FILE NAME: c:\p\p\work\p\work\andrew.niemerg@illinois.gov\1064883\0774D43 Schedules.dgn

PATCHING SCHEDULE					X4420573 CLASS A PATCHES, TY I, 12 INCH	X4420575 CLASS A PATCHES, TY II, 12 INCH	X4420577 CLASS A PATCHES, TY III, 12 INCH	X4420579 CLASS A PATCHES, TY IV, 12 INCH	44201043 CLASS B PATCHES, TYPE II, 16 INCH	44201047 CLASS B PATCHES, TYPE III, 16 INCH	44201048 CLASS B PATCHES, TYPE IV, 16 INCH	44213204 TIE BARS, 3/4"	44213000 PATCHING REINFORCEMENT	44201299 DOWEL BARS 1 1/2"	44200050 WELDED WIRE REINFORCEMENT	44213200 SAW CUTS
PATCH NUMBER	LANE	STATION	LENGTH	WIDTH	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	EACH	SQ YD	EACH	SQ YD	FOOT
			FOOT	FOOT												
1	Scale	01+34	120.0	16.0				213.3				59	213.3			305.5
2	Scale	06+00	6.0	16.0		10.7							10.7			77.5
3	Scale	06+20	80.0	16.0				142.2				39	142.2			225.5
4	Scale	09+80	105.0	16.0				186.7				52	186.7			275.5
5	Scale	12+75	100.0	16.0				177.8				49	177.8			265.5
6	Scale	14+50	40.0	16.0				71.1				19	71.1			145.5
7	Scale	15+10	40.0	16.0				71.1				19	71.1			145.5
8	Scale	16+05	30.0	16.0				53.3				14	53.3			125.5
9	Scale	16+75	35.0	16.0				62.2				17	62.2			135.5
10	Scale	17+75	40.0	16.0				71.1				19	71.1			145.5
11	Both	19+10	90.0	24.0				240.0				44	240.0			277.5
12	Both	20+15	100.0	29.0				322.2				49	322.2			317.5
13	Scale	21+10	20.0	15.0				33.3				9	33.3			101.5
14	Scale	40+10	6.0	6.0	4.0								4.0			37.5
15	Scale	40+20	10.0	16.0			17.8						17.8			85.5
16	Scale	51+30	6.0	11.0		7.3							7.3			57.5
17	Entrance	-03+60	12.0	16.0						21.3				28.0	21.3	73.5
18	Entrance	-02+75	30.0	16.0							53.3	14		42.0*	53.3	109.5
19	Entrance	-02+10	8.0	16.0					14.2					28.0		65.5
20	Entrance	-01+70	30.0	16.0							53.3	14		42.0*	53.3	109.5
21	Entrance	00+00	10.0	16.0						17.8				28.0	17.8	69.5
22	Exit	35+00	300.0	19.0							633.3	149		294.0*	633.3	658.5
23	Exit	50+45	6.0	12.0					8.0					20.0		49.5

TOTAL:	4.0	18.0	17.8	1644.3	22.2	39.1	739.9	566.0	1684.1	482.0	779.0	3859.5
ROUNDED:	4	18	18	1644	22	39	740	566	1684	482	779	3860

STATION 0+00 STARTS AT THE END OF BITUMINOUS/BEGINNING OF CONCRETE
*DOWEL QUANTITIES CALCULATED AT 15' JOINT SPACING

	USER NAME = andrew.niemerg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					70	D7 PATCHING 2025-5	FAYETTE	4	4
		CHECKED -	REVISED -					CONTRACT NO. 74D43				
	PLOT DATE = 3/26/2025	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
SCALE:		SHEET 1 OF 1 SHEETS		STA.		TO STA.						