

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED
HIGHWAY PLANS

FAP 861 ROUTE (IL 004/IL 150)
SECTION (110,111)PP-1
PAVEMENT PATCHING - CM
RANDOLPH COUNTY

C-98-122-25

ADT

LOCATION 1

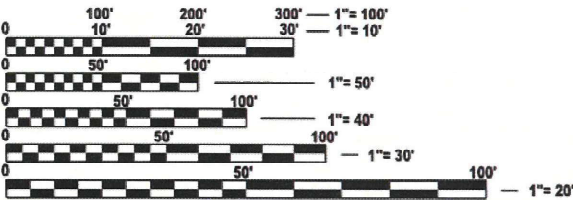
SHAWNEETOWN TRAIL TO IL 4
2023 ADT = 5300 (ACTUAL)
2025 ADT = 5400 (ESTIMATED)
2045 ADT = 6200 (ESTIMATED)

LOCATION 2

IL 4 TO SPARTA ST
2023 ADT = 5550 (ACTUAL)
2025 ADT = 5600 (ESTIMATED)
2045 ADT = 6500 (ESTIMATED)

LOCATION 3

SPARTA ST TO COUNTY LINE RD
2023 ADT = 5050 (ACTUAL)
2025 ADT = 5100 (ESTIMATED)
2045 ADT = 5900 (ESTIMATED)



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.

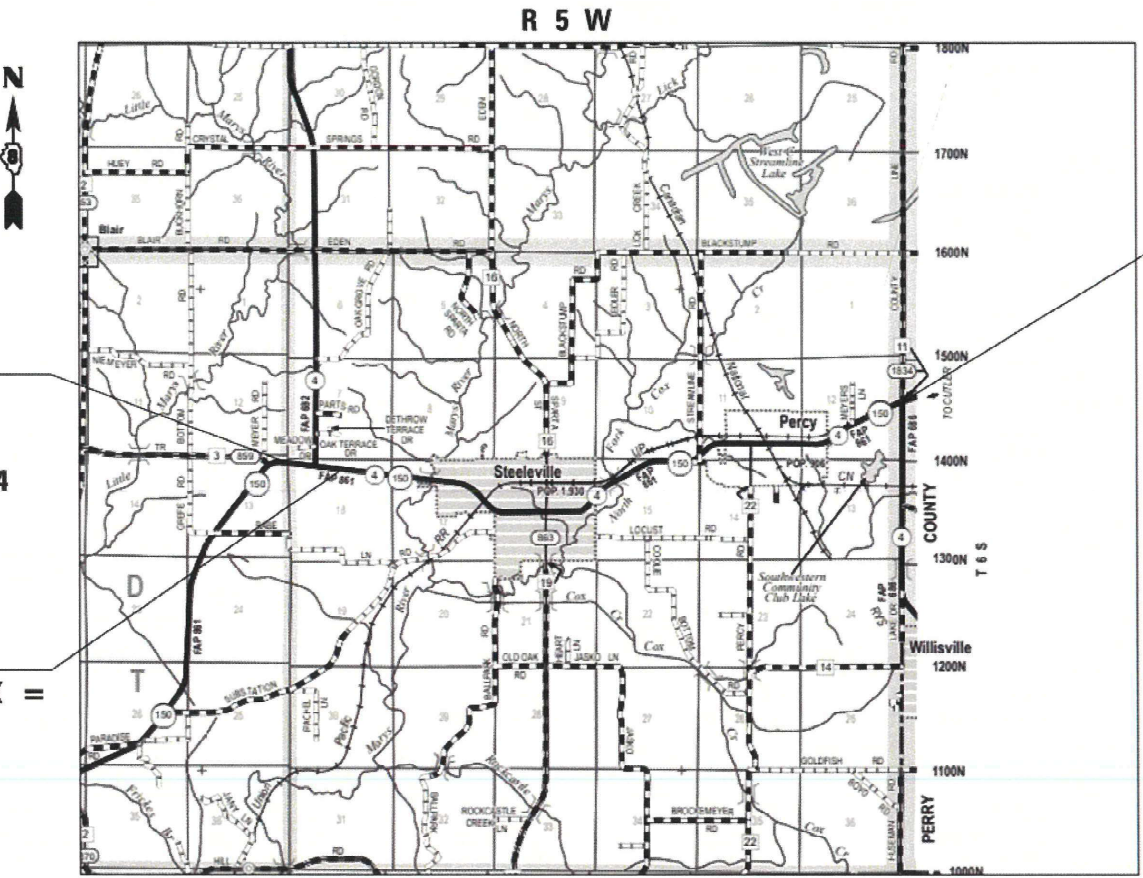
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: BILLIE OWEN
PROJECT MANAGER: MIKE BERG

CONTRACT NO. 76U60

PROJECT ENDS
STA. 11 + 45
LAT: 38.014147
LONG: -89.704554

STA. EQUATION
STA. 988 + 00 BK =
STA. 0 + 29 AH



GROSS LENGTH = 34478.4 FT. = 6.53 MILE
NET LENGTH = 34478.4 FT. = 6.53 MILE

REVIS 7-11-2025

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
861	(110,111)PP-1	RANDOLPH	12*	1
ILLINOIS CONTRACT NO. 76U60				
* 12 + 1 = 13 TOTAL SHEETS				

D-98-055-25



LOCATION OF SECTION INDICATED THUS: -

PROJECT BEGINS
STA. 661 + 00
LAT: 38.022514
LONG: -89.59376

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 16 2025

June 27 2025 REGIONAL ENGINEER

June 27 2025 ENGINEER OF DESIGN AND ENVIRONMENT

June 27 2025 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

MODEL: General Notes [Sheet]
FILE NAME: c:\pwwork\revise\john.p.green@illinois.gov\1103626\DR76U60-rtt-gennote.dgn

INDEX OF SHEETS

- 1. COVER SHEET
- 2. INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS
- 3. SUMMARY OF QUANTITIES
- 4-4A. PATCHING SCHEDULE
- 5-11. TYPICAL SECTIONS
- 12. DETAIL SHEET FOR CLASS B PATCHES (SPECIAL)



HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS ABBREVIATIONS & PATTERNS
001006	DECIMAL OF INCH & FOOT
420001-10	PAVEMENT JOINTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
442101-09	CLASS B PATCHES
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45
701501-06	MPH URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-10	TRAFFIC CONTROL DEVICES

COMMITMENTS

NO COMMITMENTS

GENERAL NOTES

1.

THE FOLLOWING UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

AMEREN ILLINOIS

CLEARWAVE COMMUNICATIONS

EGYPTIAN TELEPHONE COOP. ASSN.

EGYPTIAN WATER COMPANY

EXXONMOBIL PIPELINE COMPANY

FRONTIER NORTH, INC.

NEW WAVE COMMUNICATIONS

VILLAGE OF STEELEVILLE
2.

THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR INTELLIGENT TRANSPORTATIONS SYSTEMS (I.T.S.) UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS WITHIN THE PROJECT LIMITS. AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.94 OF THE STANDARD SPECIFICATIONS.
3.

NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
4.

THE FINAL LAYOUT OF PAVEMENT PATCHES NEEDED WILL BE DETERMINED BY THE ENGINEER.
5.

HIGH EARLY STRENGTH CONCRETE FOR PAVEMENT PATCHING WILL BE ALLOWED.
6.

NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.
7.

NO PATCHING SHALL BE DONE WITHIN 25' OF ANY RAILROAD CROSSING.
8.

ALL TURF AREA DISTURBED BY THE CONTRACTOR SHALL BE SEEDED WITH THE APPROPRIATE EROSION CONTROL AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
9.

THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN, AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN, AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION WORKERS.
10.

CONTACT KNIGHT HAWK COAL 48 HOURS PRIOR TO THE COMMENCEMENT OF WORK. CONTACT JEANE COLEMAN AT OFFICE: (618) 346-3662 EXT. 337

1 REVISED 7-11-2025

REV - MS

	USER NAME = John.P.Green	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, & COMMITMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			861	(110,111)PP-1	RANDOLPH	12	2
		CHECKED -	REVISED -			CONTRACT NO. 76U60				
	PLOT DATE = 5/15/2025	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS REQ. AND PROJECT

MODEL: SUMMARY OF QUANTITIES [Sheet]
FILE NAME: C:\pwworking\john.p.green\1103626\6U60-1h-SOO.dgn

				100% STATE	
				CONSTR. CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0006	
				RURAL	
20200100	EARTH EXCAVATION	CU YD	435	435	⚠
44200050	WELDED WIRE REINFORCEMENT	SQ YD	2610	2610	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2610	2610	⚠
44201299	DOWEL BARS 1 1/2"	EACH	1080	1080	
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	2610	2610	⚠
44213200	SAW CUTS	FOOT	5834	5834	
44213204	TIE BARS 3/4"	EACH	605	605	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
X0327487	TRIAxIAL GEOGRID REINFORCEMENT, TYPE I	SQ YD	2610	2610	
X4421017	CLASS B PATCHES, TYPE II, 12 INCH (SPECIAL)	SQ YD	136	136	
X4421019	CLASS B PATCHES, TYPE III, 12 INCH, (SPECIAL)	SQ YD	196	196	
X4421021	CLASS B PATCHES, TYPE IV, 12 INCH, (SPECIAL)	SQ YD	2278	2278	

⚠ REVISED 7-11-2025

	USER NAME = John.P.Green	DESIGNED =	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN =	REVISED =						861	(110.111)PP.1	RANDOLPH	12	3
		CHECKED =	REVISED =						CONTRACT NO. 76U60				
	PLOT DATE = 5/16/2025	DATE =	REVISED =		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Untitled [Sheet]
FILE NAME: c:\pw\work\pwwd\john.p.green@illinois.gov\d1103626\DU676U60-ah1-schedule.dgn

PATCHING SCHEDULE														
LANE	STATION	DIMENSIONS		CLASS B PATCHES - 12" (SPECIAL)			SAWCUTS	TIE BARS 3/4"	DOWEL BARS 1 1/2"	EARTH EXCAVATION	GEOTECH FAB F/GR STAB	SUB GRAN MAT TYPE B, 6"	TRI GEOGRID REINF T1	WELDED WIRE REINFORCEMENT
		LENGTH	WIDTH	TYPE II	TYPE III	TYPE IV								
		FOOT	FOOT	SQ YD	SQ YD	SQ YD		EACH	EACH	CU YD	SQ YD	SQ YD	SQ YD	SQ YD
WB	661+00	80	12			107	196	27	20	13	107	107	107	107
EB	661+00	12	12		16		60		20	3	16	16	16	16
EB	661+00	100	12			134	236	34	20	22	134	134	134	134
EB	666+28	12	12		16		60		20	3	16	16	16	16
WB	666+28	80	12			107	196	54	20	13	107	107	107	107
WB	671+56	20	12			27	76	7	20	5	27	27	27	27
WB	676+84	50	12			67	136	17	20	11	67	67	67	67
EB	676+84	60	12			80	156	20	20	13	80	80	80	80
EB	682+12	10	12	14			56		20	2	14	14	14	14
WB	682+12	50	12			67	136	17	20	11	67	67	67	67
WB	697+96	12	12		16		60		20	3	16	16	16	16
WB	697+96	20	12			27	76	7	20	5	27	27	27	27
WB	708+52	12	12		16		60		20	3	16	16	16	16
EB	719+08	15	12		20		66		20	3	20	20	20	20
EB	724+36	50	12			67	136	17	20	11	67	67	67	67
WB	724+36	20	12			27	76	7	20	5	27	27	27	27
WB	724+36	15	12		20		66		20	3	20	20	20	20
WB	729+64	50	12			67	136	17	20	11	67	67	67	67
EB	740+20	15	12		20		66		20	3	20	20	20	20
WB	740+20	80	12			107	196	27	20	13	107	107	107	107
WB	745+48	100	12			134	236	34	20	22	134	134	134	134
WB	750+76	150	12			200	336	50	20	33	200	200	200	200
EB	750+76	10	12	14			56		20	2	14	14	14	14
EB	750+76	10	12	14			56		20	2	14	14	14	14
EB	756+04	100	12			134	236	34	20	22	134	134	134	134
WB	756+04	40	12			54	116	14	20	9	54	54	54	54
SUBTOTAL:				42	124	1406	3282	383	520	262	1572	1572	1572	1572

1

1 REVISED 7-11-2025

USER NAME = John.P.Green	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 7/10/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
861	(110,111)PP-1	RANDOLPH	12	4
CONTRACT NO. 76U60				
ILLINOIS FED. AID PROJECT				

MODEL: Untitled-1 [Sheet]
FILE NAME: c:\pw\work\pwtol\john.p.green@illinois.gov\1103626\DU60-ah-schedule.dgn

PATCHING SCHEDULE														
LANE	STATION	DIMENSIONS		CLASS B PATCHES - 12" (SPECIAL)			SAWCUTS	TIE BARS 3/4"	DOWEL BARS 1 1/2"	EARTH EXCAVATION	GEOTECH FAB F/GR STAB	SUB GRAN MAT TYPE B, 6"	TRI GEOGRID REINF T1	WELDED WIRE REINFORCEMENT
		LENGTH	WIDTH	TYPE II	TYPE III	TYPE IV								
		FOOT	FOOT	SQ YD	SQ YD	SQ YD		EACH	EACH	CUYD	SQ YD	SQ YD	SQ YD	SQ YD
WB	777+16	10	12	14			56		20	2	14	14	14	14
EB	782+44	30	12			40	96	10	20	7	40	40	40	40
WB	782+44	50	12			67	136	17	20	11	67	67	67	67
EB	787+72	20	12			27	76	7	20	5	27	27	27	27
WB	787+72	20	12			27	76	7	20	5	27	27	27	27
WB	787+72	10	12	14			56		20	2	14	14	14	14
EB	787+72	10	12	14			56		20	2	14	14	14	14
EB	793+00	6	12	8			48		20	1	8	8	8	8
WB	803+56	100	12			134	236	34	20	22	134	134	134	134
EB	803+56	30	12			40	96	10	20	7	40	40	40	40
WB	814+12	12	12		16		60		20	3	16	16	16	16
WB	819+40	50	12			67	136	17	20	11	67	67	67	67
WB	856+36	100	12			134	236	34	20	22	134	134	134	134
WB	861+64	15	12		20		66		20	3	20	20	20	20
WB	872+20	15	12		20		66		20	3	20	20	20	20
WB	882+76	20	12			27	76	7	20	5	27	27	27	27
WB	930+28	20	12			27	76	7	20	5	27	27	27	27
EB	930+28	10	12	14			56		20	2	14	14	14	14
WB	940+84	20	12			27	76	7	20	5	27	27	27	27
WB	940+84	12	12		16		60		20	3	16	16	16	16
WB	956+68	6	12	8			48		20	1	8	8	8	8
WB	961+96	30	12			40	96	10	20	7	40	40	40	40
WB	961+96	100	12			134	236	34	20	22	134	134	134	134
WB	961+96	10	12	14			56		20	2	14	14	14	14
WB	967+24	6	12	8			48		20	1	8	8	8	8
WB	983+08	20	12			27	76	7	20	5	27	27	27	27
WB	*0+65	20	12			27	76	7	20	5	27	27	27	27
WB	3+27	20	12			27	76	7	20	5	27	27	27	27
SUBTOTAL:				94	72	872	2552	222	560	173	1038	1038	1038	1038
PREVIOUS PAGE SUBTOTAL:				42	124	1406	3282	383	520	262	1572	1572	1572	1572
TOTAL:				136	196	2278	5834	605	1080	435	2610	2610	2610	2610

*STA. 988+00 BK = STA. 0+29 AH

1 SHEET ADDED 7-11-2025

	USER NAME = John.P.Green	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						861	(110,111)PP-1	RANDOLPH	12	4A
		CHECKED -	REVISED -						CONTRACT NO. 76U60				
	PLOT DATE = 7/10/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		