

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

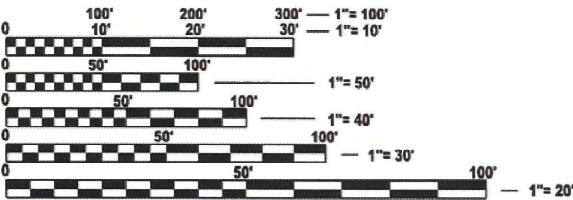
SHAWNEETOWN TRAIL TO IL 4
2023 ADT = 5300 (ACTUAL)
2025 ADT = 5400 (ESTIMATED)
2045 ADT = 6200 (ESTIMATED)

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

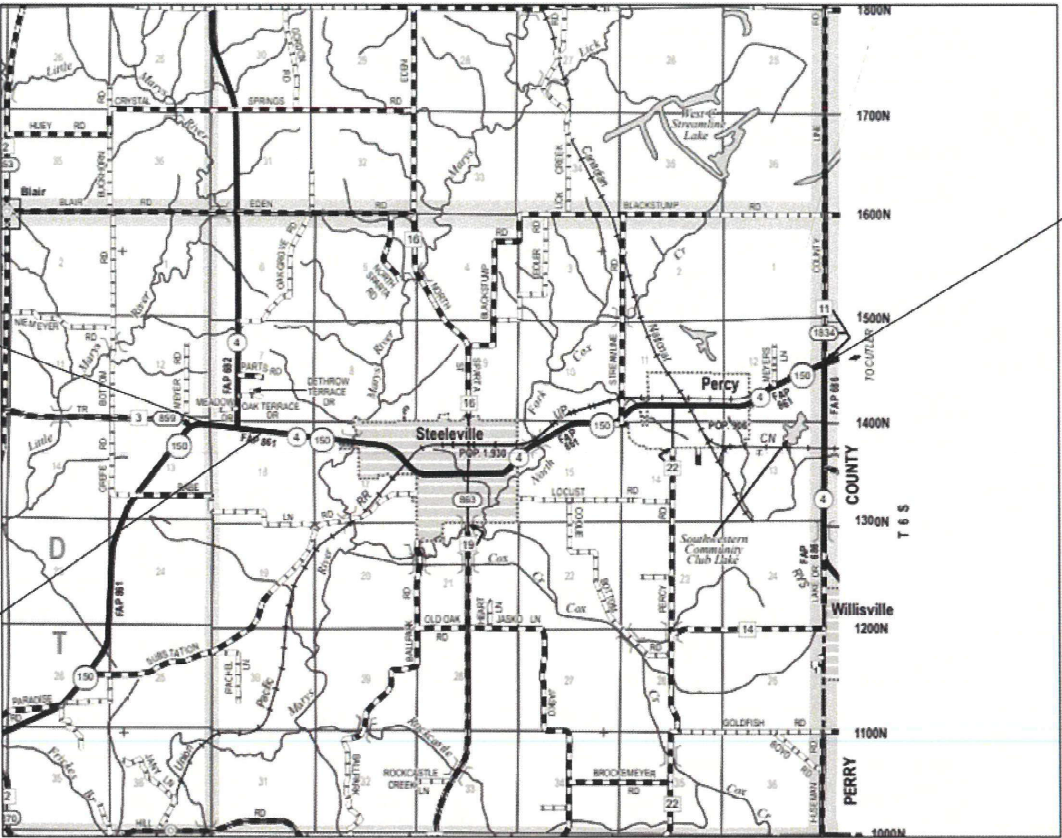
PROJECT ENGINEER: BILLIE OWEN
PROJECT MANAGER: MIKE BERG

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

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

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
June 27, 2025
June 27, 2025

REGIONAL ENGINEER
ENGINEER OF DESIGN AND ENVIRONMENT
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1. COVER SHEET
- 2. INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS
- 3. SUMMARY OF QUANTITIES
- 4. 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

- 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
- 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.
- NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
- THE FINAL LAYOUT OF PAVEMENT PATCHES NEEDED WILL BE DETERMINED BY THE ENGINEER.
- HIGH EARLY STRENGTH CONCRETE FOR PAVEMENT PATCHING WILL BE ALLOWED.
- NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.
- NO PATCHING SHALL BE DONE WITHIN 25' OF ANY RAILROAD CROSSING.
- 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.
- 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.
- CONTACT KNIGHT HAWK COAL 48 HOURS PRIOR TO THE COMMENCEMENT OF WORK. CONTACT JEANE COLEMAN AT OFFICE: (618) 346-3662 EXT. 337

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FILE NAME: c:\pwworking\pgreen@illinois.gov\1103626\DR76U60-ht-genote.dgn

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 REG. NO. PROJECT		

MODEL: SUMMARY OF QUANTITIES [Sheet]
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				100% STATE	
				CONSTR. CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0006	
				RURAL	
44200050	WELDED WIRE REINFORCEMENT	SQ YD	2610	2610	
44201299	DOWEL BARS 1 1/2"	EACH	1080	1080	
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	

	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	

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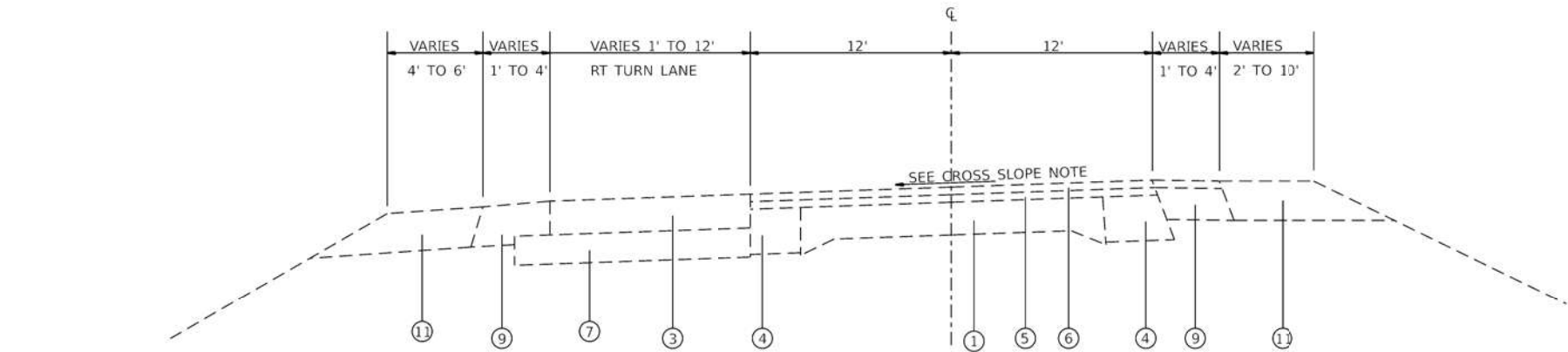
PATCHING SCHEDULE										
LANE	STATION	DIMENSIONS		CLASS B PATCHES - 12" (SPECIAL)			SAWCUTS	TIE BARS 3/4"	DOWEL BARS 1 1/2"	WELDED WIRE REINFORCEMENT
		LENGTH	WIDTH	TYPE II	TYPE III	TYPE IV				
		FOOT	FOOT	SQ YD	SQ YD	SQ YD		EACH	EACH	SQ YD
WB	661+00	80	12			107	196	27	20	107
EB	661+00	12	12		16	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

PATCHING SCHEDULE										
LANE	MILE STATION	DIMENSIONS		CLASS B PATCHES - 12" (SPECIAL)			SAWCUTS	TIE BARS 3/4"	DOWEL BARS 1 1/2"	WELDED WIRE REINFORCEMENT
		LENGTH	WIDTH	TYPE II	TYPE III	TYPE IV				
		FOOT	FOOT	SQ YD	SQ YD	SQ YD		EACH	EACH	SQ YD
WB	777+16	10	12	14			56		20	14
EB	782+44	30	12			40	96	10	20	40
WB	782+44	50	12			67	136	17	20	67
EB	787+72	20	12			27	76	7	20	27
WB	787+72	20	12			27	76	7	20	27
WB	787+72	10	12	14			56		20	14
EB	787+72	10	12	14			56		20	14
EB	793+00	6	12	8			48		20	8
WB	803+56	100	12			134	236	34	20	134
EB	803+56	30	12			40	96	10	20	40
WB	814+12	12	12		16		60		20	16
WB	819+40	50	12			67	136	17	20	67
WB	856+36	100	12			134	236	34	20	134
WB	861+64	15	12		20		66		20	20
WB	872+20	15	12		20		66		20	20
WB	882+76	20	12			27	76	7	20	27
WB	930+28	20	12			27	76	7	20	27
EB	930+28	10	12	14			56		20	14
WB	940+84	20	12			27	76	7	20	27
WB	940+84	12	12		16		60		20	16
WB	956+68	6	12	8			48		20	8
WB	961+96	30	12			40	96	10	20	40
WB	961+96	100	12			134	236	34	20	134
WB	961+96	10	12	14			56		20	14
WB	967+24	6	12	8			48		20	8
WB	983+08	20	12			27	76	7	20	27
WB	*0+65	20	12			27	76	7	20	27
WB	3+27	20	12			27	76	7	20	27
SUBTOTAL:				94	72	872	2552	222	560	1038
TOTAL:				136	196	2278	5834	605	1080	2610

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

	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	4
		CHECKED -	REVISED -					CONTRACT NO. 76U60				
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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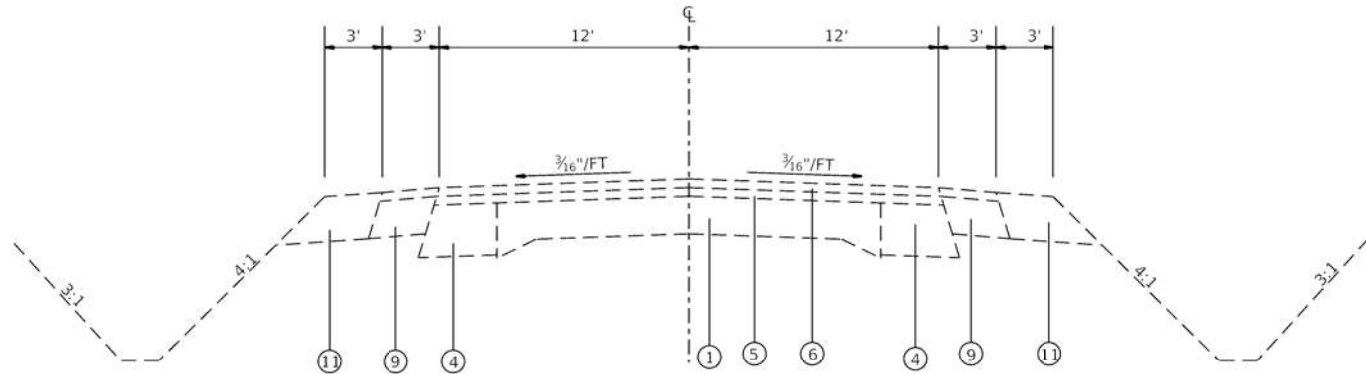


CROSS SLOPE NOTE
SUPERED SECTION: STA. 661+00.00 TO STA. 669+68.60 - 0.0026 "/FT & VARIES
TANGENT SECTION: STA. 669+68.60 TO STA. 673+00.00 - $\frac{3}{16}$ "/FT & VARIES

STA. 661+00.00 = 0.0 MS

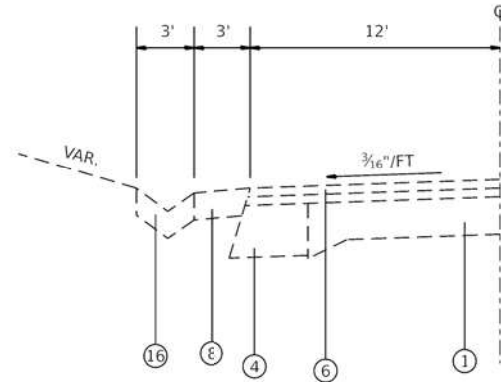
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STA. 661+00.00 TO STA. 673+00.00



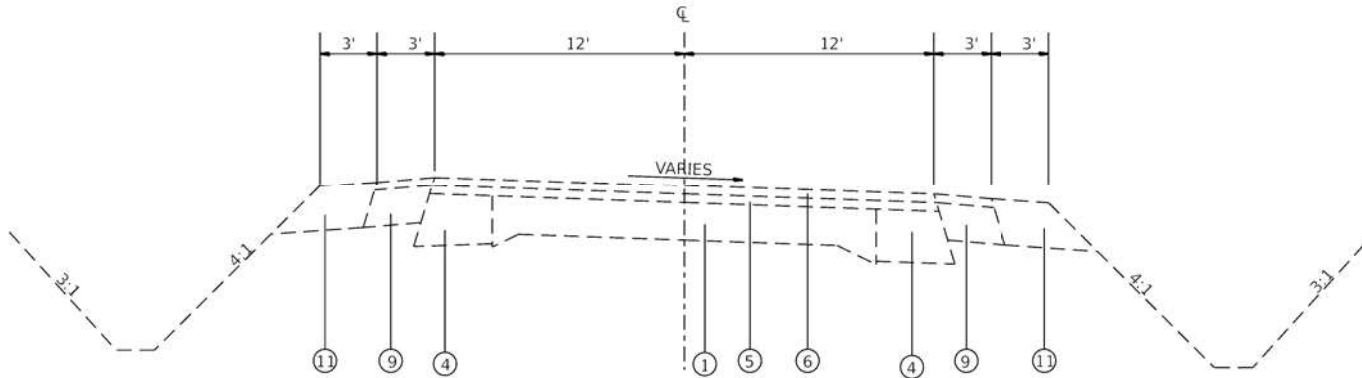
TYPICAL SECTION

STA. 673+00.00 TO STA. 689+99.00
STA. 701+94.00 TO STA. 702+21.00
STA. 772+68.00 TO STA. 774+38.00
STA. 785+96.00 TO STA. 796+68.00
STA. 808+05.00 TO STA. 808+61.00



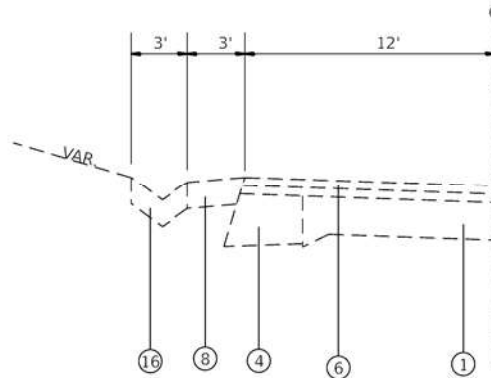
TYPICAL SECTION

STA. 760+05.00 TO STA. 761+22.00



TYPICAL SECTION

STA. 689+99.00 TO STA. 701+94.00
STA. 702+21.00 TO STA. 703+81.20
STA. 703+81.20 TO STA. 707+99.00
STA. 760+15.00 TO STA. 772+68.00
STA. 774+38.00 TO STA. 785+96.00
STA. 796+68.00 TO STA. 808+05.00



TYPICAL SECTION

STA. 761+22.00 TO STA. 763+00.00

LEGEND

- 1 EXISTING 9'-6"-9" PCC PAVEMENT
- 2 EXISTING PCC PAVEMENT, 6"
- 3 EXISTING PCC PAVEMENT, 8"
- 4 EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
- 5 EXISTING HOT-MIX ASPHALT BINDER COURSE, VARIES
- 6 EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- 7 EXISTING GRANULAR SUBBASE
- 8 EXISTING HOT-MIX ASPHALT SHOULDERS, 6"
- 9 EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- 10 EXISTING AGGREGATE SHOULDER, 6"
- 11 EXISTING AGGREGATE SHOULDER, 8"
- 12 EXISTING HOT-MIX ASPHALT SHOULDERS
- 13 EXISTING AGGREGATE SHOULDER TYPE B
- 14 EXISTING HOT-MIX ASPHALT BINDER
- 15 EXISTING CURB AND GUTTER
- 16 EXISTING TYPE A GUTTER
- 17 EXISTING TYPE B GUTTER
- 18 EXISTING CONCRETE CURB TYPE B
- 19 EXISTING CONCRETE GUTTER, TYPE B
- 20 EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- 21 EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- 22 EXISTING HMA BASE COURSE WIDENING, 8"
- 23 EXISTING HMA RESURFACING, 9"
- 24 EXISTING LEVELING BINDER, VARIABLE DEPTH
- 25 EXISTING HMA BINDER COURSE, 2.25"
- 26 EXISTING HMA SURFACE COURSE, MIX "D", N90 - 1.75"
- 27 EXISTING POLYMERIZED HMA SURFACE COURSE, MIX "D", N90 - 1.75"
- 28 EXISTING HOT-MIX ASPHALT BASE COURSE, 9"
- 29 EXISTING STABILIZED BASE COURSE, 6"
- 30 EXISTING STABILIZED BASE COURSE, 9"
- 31 EXISTING HMA BASE COURSE WIDENING, 9"
- 32 EXISTING AGGREGATE WEDGE SHOULDER, TYPE B

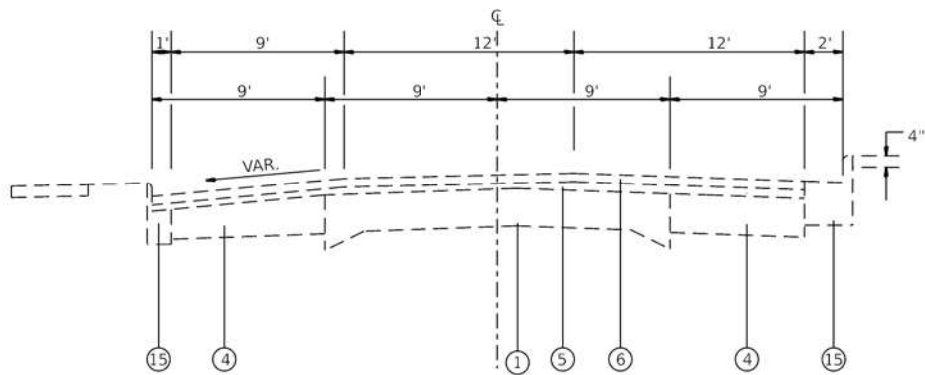
USER NAME = John.P.Green	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

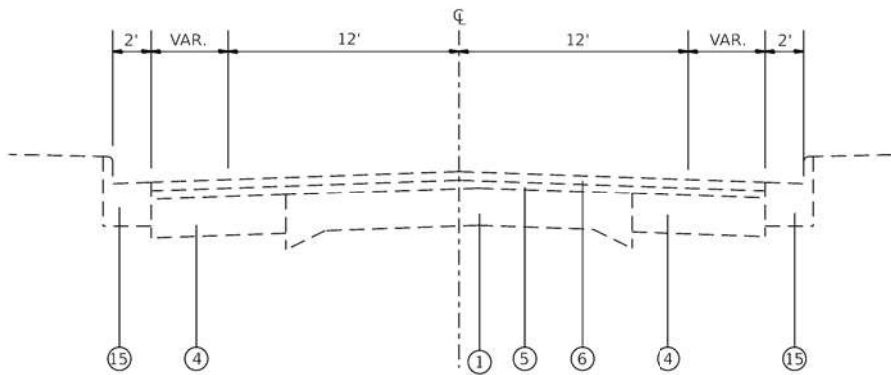
TYPICAL SECTIONS - IL 150 (IL 4 TO COUNTY LINE)

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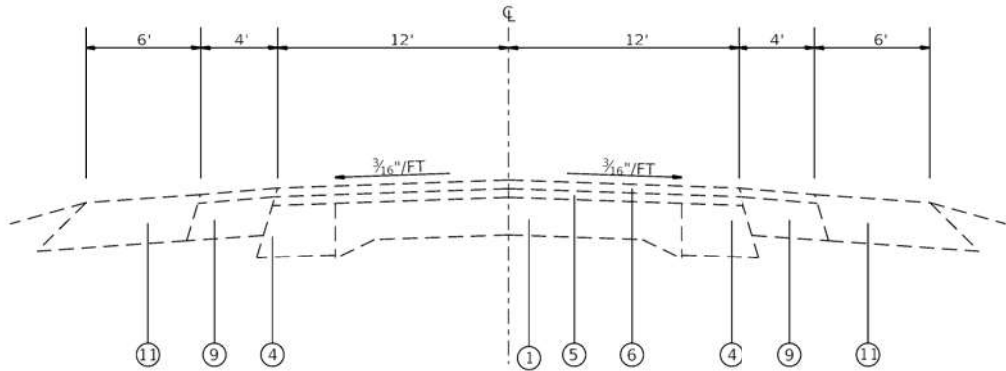
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
861	(110,111)PP-1	RANDOLPH	12	5
CONTRACT NO. 76U60				
ILLINOIS FED. AID PROJECT				



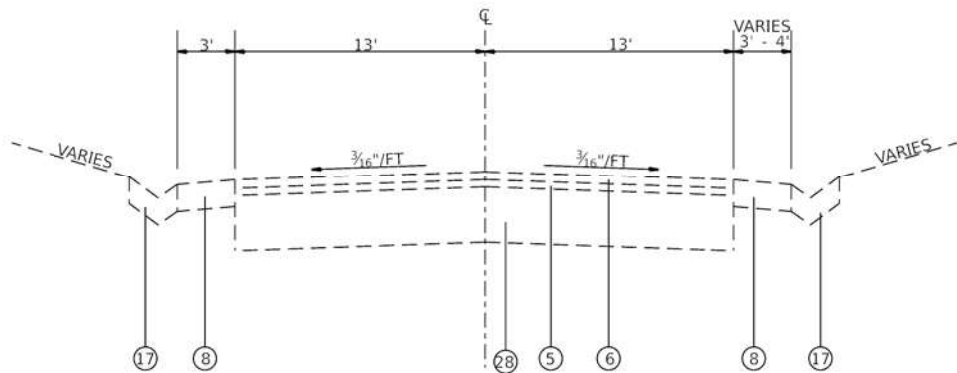
TYPICAL SECTION
STA. 707+99.00 TO STA. 714+73.00
STA. 714+73.00 TO STA. 738+60.00
STA. 743+00.00 TO STA. 759+43.00



TYPICAL SECTION
STA. 738+60.00 TO STA. 739+57.00
STA. 739+57.50 TO STA. 743+00.00
STA. 759+43.00 TO STA. 760+15.00



TYPICAL SECTION
STA. 808+61.00 TO STA. 822+25.00



TYPICAL SECTION
STA. 825+18.00 TO STA. 825+75.00

- LEGEND**
- 1 EXISTING 9"-6"-5" PCC PAVEMENT
 - 2 EXISTING PCC PAVEMENT, 6"
 - 3 EXISTING PCC PAVEMENT, 8"
 - 4 EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
 - 5 EXISTING HOT-MIX ASPHALT BINDER COURSE, VARIES
 - 6 EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1½"
 - 7 EXISTING GRANULAR SUBBASE
 - 8 EXISTING HOT-MIX ASPHALT SHOULDERS, 6"
 - 9 EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
 - 10 EXISTING AGGREGATE SHOULDER, 6"
 - 11 EXISTING AGGREGATE SHOULDER, 8"
 - 12 EXISTING HOT-MIX ASPHALT SHOULDERS
 - 13 EXISTING AGGREGATE SHOULDER TYPE B
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 - 26 EXISTING HMA SURFACE COURSE, MIX "D", N90 - 1.75"
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 - 28 EXISTING HOT-MIX ASPHALT BASE COURSE, 9"
 - 29 EXISTING STABILIZED BASE COURSE, 6"
 - 30 EXISTING STABILIZED BASE COURSE, 9"
 - 31 EXISTING HMA BASE COURSE WIDENING, 9"
 - 32 EXISTING AGGREGATE WEDGE SHOULDER, TYPE B

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USER NAME = John.P.Green	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

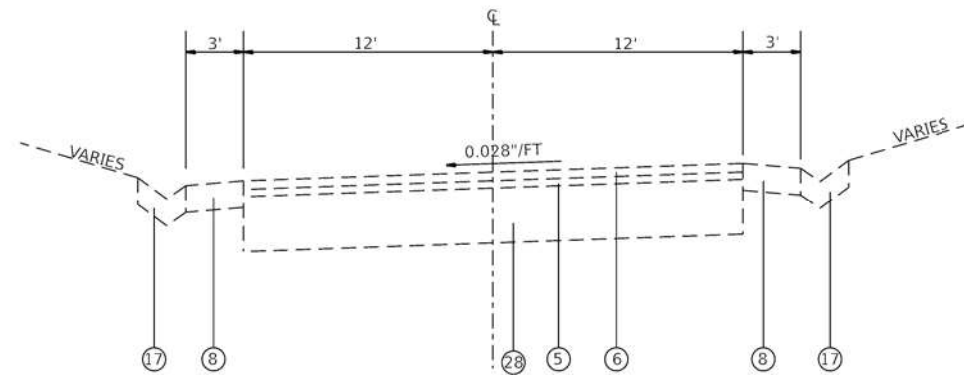
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - IL 150 (IL 4 TO COUNTY LINE)

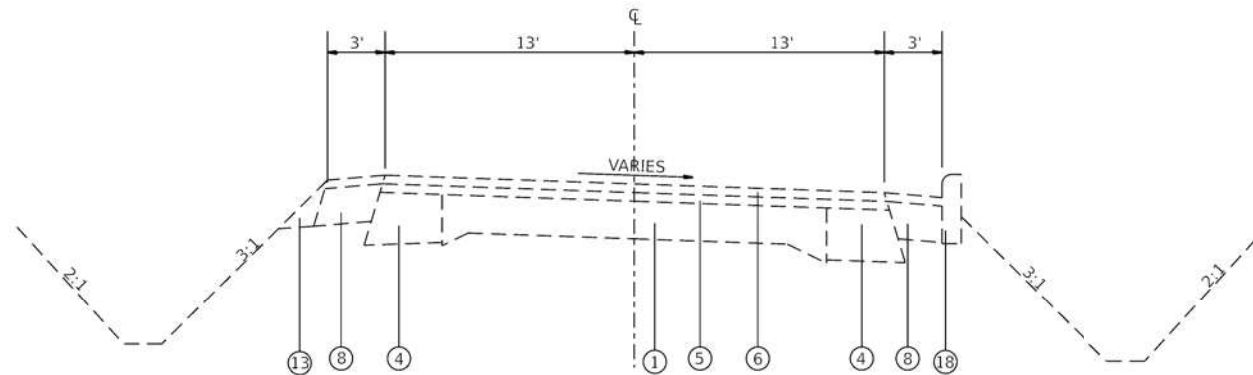
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
861	(110,111)PP-1	RANDOLPH	12	6
CONTRACT NO. 76U60				
ILLINOIS FED. AID PROJECT				

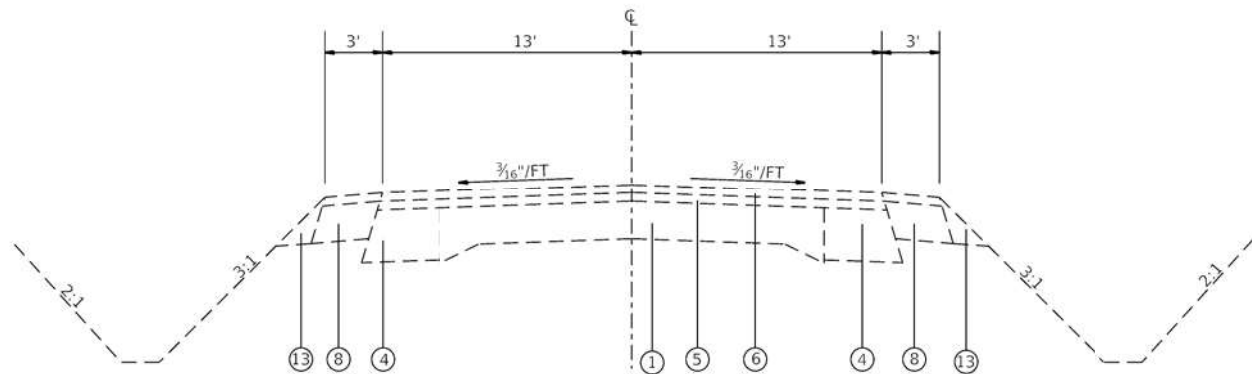
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TYPICAL SECTION
STA. 825+75.00 TO STA. 828+18.00



TYPICAL SECTION
STA. 828+18.00 TO STA. 837+33.00
STA. 842+25.00 TO STA. 851+51.00
STA. 849+15.00 TO STA. 851+15.00



TYPICAL SECTION
STA. 837+33.00 TO STA. 842+25.00
STA. 851+51.00 TO STA. 852+58.00

LEGEND

- 1 EXISTING 9"-6"-9" PCC PAVEMENT
- 2 EXISTING PCC PAVEMENT, 6"
- 3 EXISTING PCC PAVEMENT, 8"
- 4 EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
- 5 EXISTING HOT-MIX ASPHALT BINDER COURSE, VARIES
- 6 EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- 7 EXISTING GRANULAR SUBBASE
- 8 EXISTING HOT-MIX ASPHALT SHOULDERS, 6"
- 9 EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- 10 EXISTING AGGREGATE SHOULDER, 6"
- 11 EXISTING AGGREGATE SHOULDER, 8"
- 12 EXISTING HOT-MIX ASPHALT SHOULDERS
- 13 EXISTING AGGREGATE SHOULDER TYPE B
- 14 EXISTING HOT-MIX ASPHALT BINDER
- 15 EXISTING CURB AND GUTTER
- 16 EXISTING TYPE A GUTTER
- 17 EXISTING TYPE B GUTTER
- 18 EXISTING CONCRETE CURB TYPE B
- 19 EXISTING CONCRETE GUTTER, TYPE B
- 20 EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- 21 EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- 22 EXISTING HMA BASE COURSE WIDENING, 8"
- 23 EXISTING HMA RESURFACING, 9"
- 24 EXISTING LEVELING BINDER VARIABLE DEPTH
- 25 EXISTING HMA BINDER COURSE, 2.25"
- 26 EXISTING HMA SURFACE COURSE, MIX "D", N90 - 1.75"
- 27 EXISTING POLYMERIZED HMA SURFACE COURSE, MIX "D", N90 - 1.75"
- 28 EXISTING HOT-MIX ASPHALT BASE COURSE, 9"
- 29 EXISTING STABILIZED BASE COURSE, 6"
- 30 EXISTING STABILIZED BASE COURSE, 9"
- 31 EXISTING HMA BASE COURSE WIDENING, 9"
- 32 EXISTING AGGREGATE WEDGE SHOULDER, TYPE B

USER NAME = John.P.Green	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

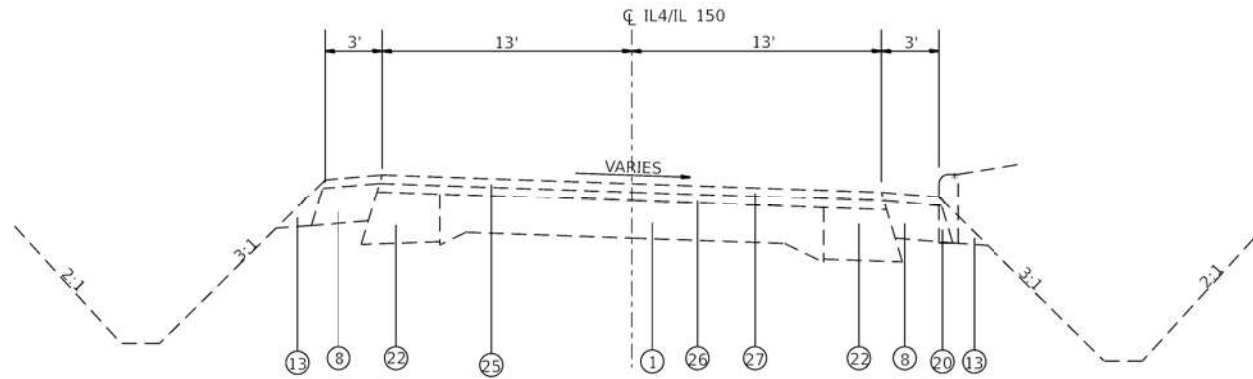
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - IL 150 (IL 4 TO COUNTY LINE)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
861	(110,111)PP-1	RANDOLPH	12	7
CONTRACT NO. 76U60				
ILLINOIS FED. AID PROJECT				

MODEL: IL 4 to County Line.dgn
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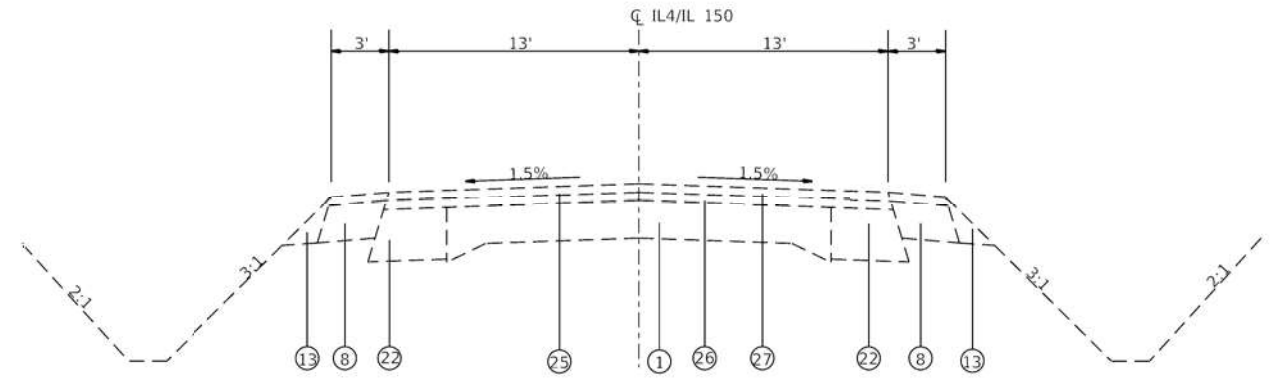


TYPICAL SECTION

STA. 843+04.4 TO STA. 851+51
STA. 849+15 TO STA. 851+15

LEGEND

- 1 EXISTING 9"-6"-9" PCC PAVEMENT
- 2 EXISTING PCC PAVEMENT, 6"
- 3 EXISTING PCC PAVEMENT, 8"
- 4 EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
- 5 EXISTING HOT-MIX ASPHALT BINDER COURSE, VARIES
- 6 EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- 7 EXISTING GRANULAR SUBBASE
- 8 EXISTING HOT-MIX ASPHALT SHOULDERS, 6"
- 9 EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- 10 EXISTING AGGREGATE SHOULDER, 6"
- 11 EXISTING AGGREGATE SHOULDER, 8"
- 12 EXISTING HOT-MIX ASPHALT SHOULDERS
- 13 EXISTING AGGREGATE SHOULDER TYPE B
- 14 EXISTING HOT-MIX ASPHALT BINDER
- 15 EXISTING CURB AND GUTTER
- 16 EXISTING TYPE A GUTTER
- 17 EXISTING TYPE B GUTTER
- 18 EXISTING CONCRETE CURB TYPE B
- 19 EXISTING CONCRETE GUTTER, TYPE B
- 20 EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- 21 EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- 22 EXISTING HMA BASE COURSE WIDENING, 8"
- 23 EXISTING HMA RESURFACING, 9"
- 24 EXISTING LEVELING BINDER, VARIABLE DEPTH
- 25 EXISTING HMA BINDER COURSE, 2.25"
- 26 EXISTING HMA SURFACE COURSE, MIX "D", N90 - 1.75"
- 27 EXISTING POLYMERIZED HMA SURFACE COURSE, MIX "D", N90 - 1.75"
- 28 EXISTING HOT-MIX ASPHALT BASE COURSE, 9"
- 29 EXISTING STABILIZED BASE COURSE, 6"
- 30 EXISTING STABILIZED BASE COURSE, 9"
- 31 EXISTING HMA BASE COURSE WIDENING, 9"
- 32 EXISTING AGGREGATE WEDGE SHOULDER, TYPE B



TYPICAL SECTION

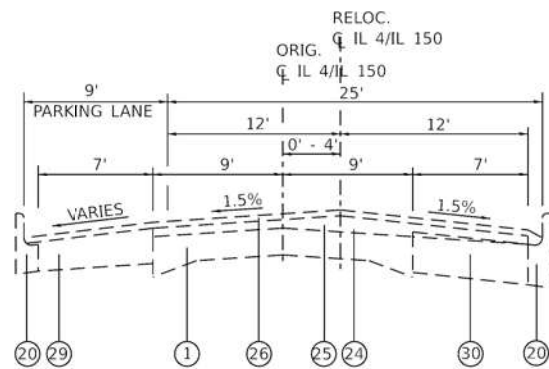
STA. 851+51 TO STA. 855+05

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

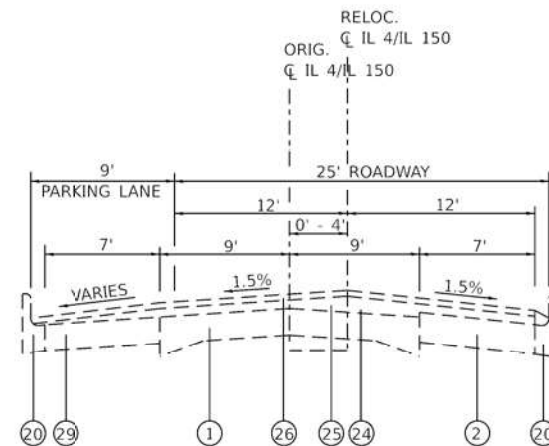
TYPICAL SECTIONS - IL 150 (IL 4 TO COUNTY LINE)

SCALE: SHEET OF SHEETS STA. TO STA.

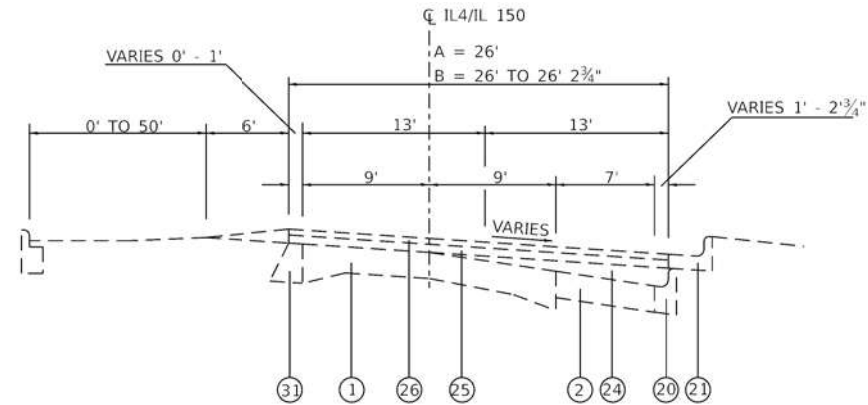
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
861	(110,111)PP-1	RANDOLPH	12	8
CONTRACT NO. 76U60				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION
STA. 855+05 TO STA. 859+13



TYPICAL SECTION
STA. 859+13 TO STA. 889+34



TYPICAL SECTION
STA. 889+34 TO STA. 892+09
STA. 892+09 TO STA. 892+59

LEGEND

- 1 EXISTING 9"-6"-9" PCC PAVEMENT
- 2 EXISTING PCC PAVEMENT, 6"
- 3 EXISTING PCC PAVEMENT, 8"
- 4 EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
- 5 EXISTING HOT-MIX ASPHALT BINDER COURSE, VARIES
- 6 EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- 7 EXISTING GRANULAR SUBBASE
- 8 EXISTING HOT-MIX ASPHALT SHOULDERS, 6"
- 9 EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- 10 EXISTING AGGREGATE SHOULDER, 6"
- 11 EXISTING AGGREGATE SHOULDER, 8"
- 12 EXISTING HOT-MIX ASPHALT SHOULDERS
- 13 EXISTING AGGREGATE SHOULDER TYPE B
- 14 EXISTING HOT-MIX ASPHALT BINDER
- 15 EXISTING CURB AND GUTTER
- 16 EXISTING TYPE A GUTTER
- 17 EXISTING TYPE B GUTTER
- 18 EXISTING CONCRETE CURB TYPE B
- 19 EXISTING CONCRETE GUTTER, TYPE B
- 20 EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
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- 30 EXISTING STABILIZED BASE COURSE, 9"
- 31 EXISTING HMA BASE COURSE WIDENING, 9"
- 32 EXISTING AGGREGATE WEDGE SHOULDER, TYPE B

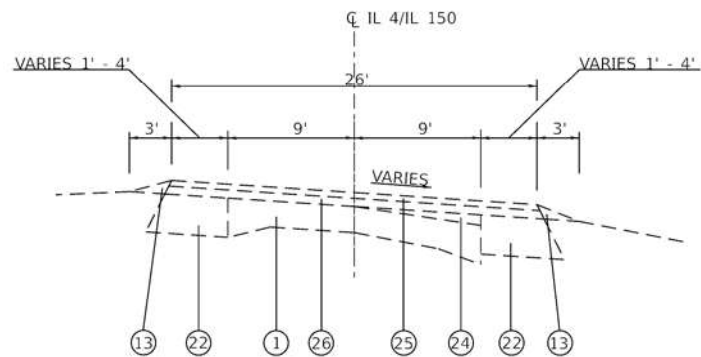
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - IL 150 (IL 4 TO COUNTY LINE)

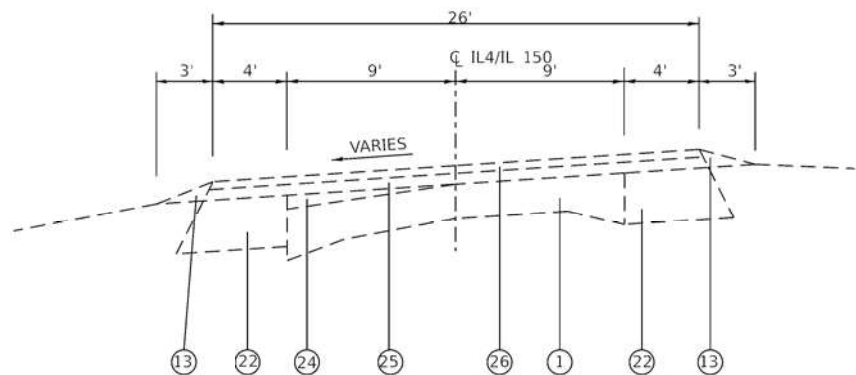
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
861	(110,111)PP-1	RANDOLPH	12	9
CONTRACT NO. 76U60				
ILLINOIS FED. AID PROJECT				

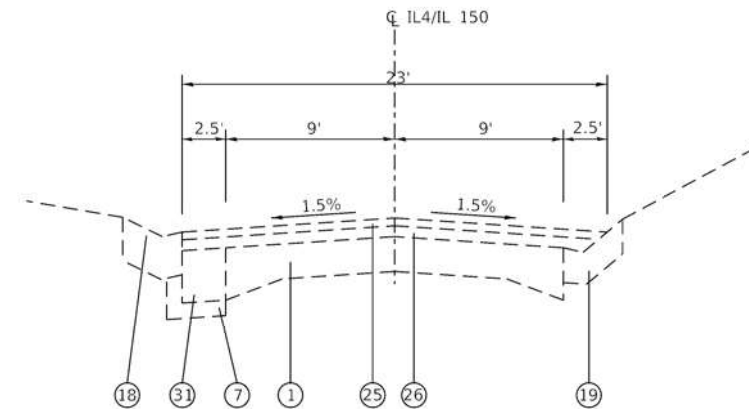
USER NAME = John.P.Green	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -



TYPICAL SECTION
STA. 892+59 TO STA. 894+69
STA. 894+69 TO STA. 898+85



TYPICAL SECTION
STA. 903+94 TO STA. 920+97



TYPICAL SECTION
STA. 922+92 TO STA. 926+61

LEGEND

- 1 EXISTING 9"-6"-9" PCC PAVEMENT
- 2 EXISTING PCC PAVEMENT, 6"
- 3 EXISTING PCC PAVEMENT, 8"
- 4 EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
- 5 EXISTING HOT-MIX ASPHALT BINDER COURSE, VARIES
- 6 EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- 7 EXISTING GRANULAR SUBBASE
- 8 EXISTING HOT-MIX ASPHALT SHOULDERS, 6"
- 9 EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- 10 EXISTING AGGREGATE SHOULDER, 6"
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- 16 EXISTING TYPE A GUTTER
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- 29 EXISTING STABILIZED BASE COURSE, 6"
- 30 EXISTING STABILIZED BASE COURSE, 9"
- 31 EXISTING HMA BASE COURSE WIDENING, 9"
- 32 EXISTING AGGREGATE WEDGE SHOULDER, TYPE B

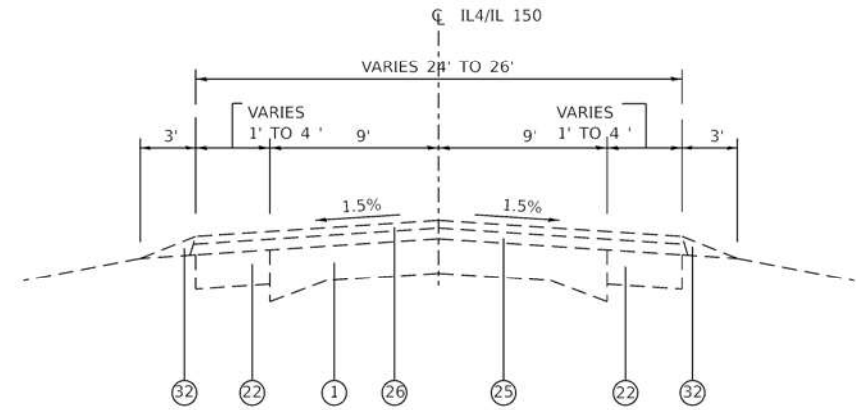
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - IL 150 (IL 4 TO COUNTY LINE)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
861	(110,111)PP-1	RANDOLPH	12	10
CONTRACT NO. 76U60				
ILLINOIS FED. AID PROJECT				

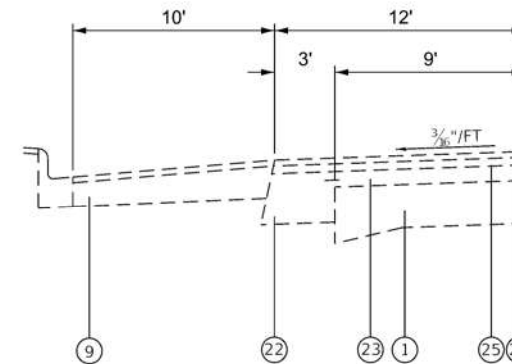
USER NAME = John.P.Green	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -



TYPICAL SECTION

STA. 898+85 TO STA. 903+94
STA. 920+97 TO STA. 922+92
STA. 926+61 TO STA. 946+26
STA. 962+01 TO STA. 986+66

NOTE:
STATION EQUATION STA. 988+00.00 SURVEY CL =
STA. 0+29.00 CONSTRUCTION CL

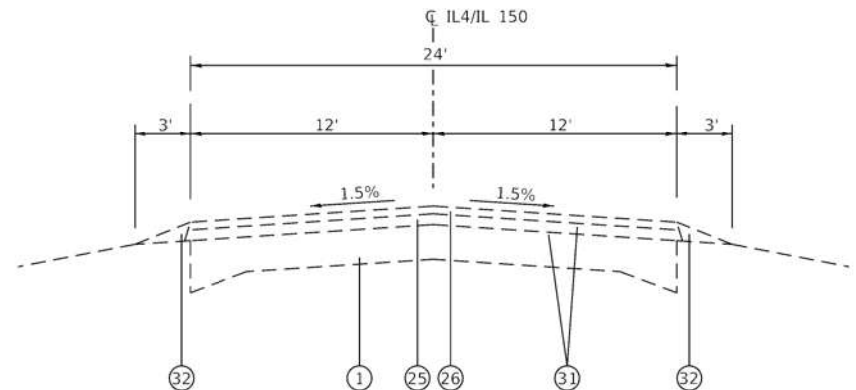


SHOULDER VARIATION (LEFT SIDE ONLY)

STA. 987+54 TO STA. 988+00
STATION EQUATION 988+00 BK = 0+29 AH
STA. 0+29 TO STA. 4+29
STA. 6+29 TO STA. 8+29

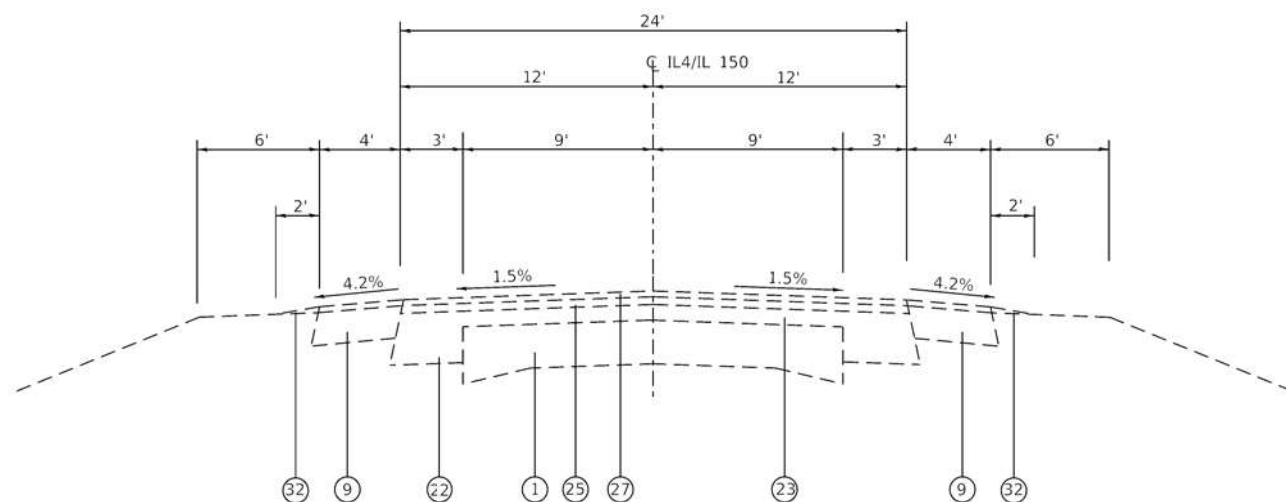
LEGEND

- EXISTING 9'-6"-9" PCC PAVEMENT
- EXISTING PCC PAVEMENT, 6"
- EXISTING PCC PAVEMENT, 8"
- EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
- EXISTING HOT-MIX ASPHALT BINDER COURSE, VARIES
- EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- EXISTING GRANULAR SUBBASE
- EXISTING HOT-MIX ASPHALT SHOULDERS, 6"
- EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- EXISTING AGGREGATE SHOULDER, 6"
- EXISTING AGGREGATE SHOULDER, 8"
- EXISTING HOT-MIX ASPHALT SHOULDERS
- EXISTING AGGREGATE SHOULDER TYPE B
- EXISTING HOT-MIX ASPHALT BINDER
- EXISTING CURB AND GUTTER
- EXISTING TYPE A GUTTER
- EXISTING TYPE B GUTTER
- EXISTING CONCRETE CURB TYPE B
- EXISTING CONCRETE GUTTER, TYPE B
- EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- EXISTING HMA BASE COURSE WIDENING, 8"
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- EXISTING LEVELING BINDER, VARIABLE DEPTH
- EXISTING HMA BINDER COURSE, 2.25"
- EXISTING HMA SURFACE COURSE, MIX "D", N90 - 1.75"
- EXISTING POLYMERIZED HMA SURFACE COURSE, MIX "D", N90 - 1.75"
- EXISTING HOT-MIX ASPHALT BASE COURSE, 9"
- EXISTING STABILIZED BASE COURSE, 6"
- EXISTING STABILIZED BASE COURSE, 9"
- EXISTING HMA BASE COURSE WIDENING, 9"
- EXISTING AGGREGATE WEDGE SHOULDER, TYPE B



TYPICAL SECTION

STA. 946+26 TO STA. 962+01



TYPICAL SECTION

STA. 986+66 TO STA. 988+00
STATION EQUATION 988+00 BK = 0+29 AH
STA. 0+29 TO STA. 9+51

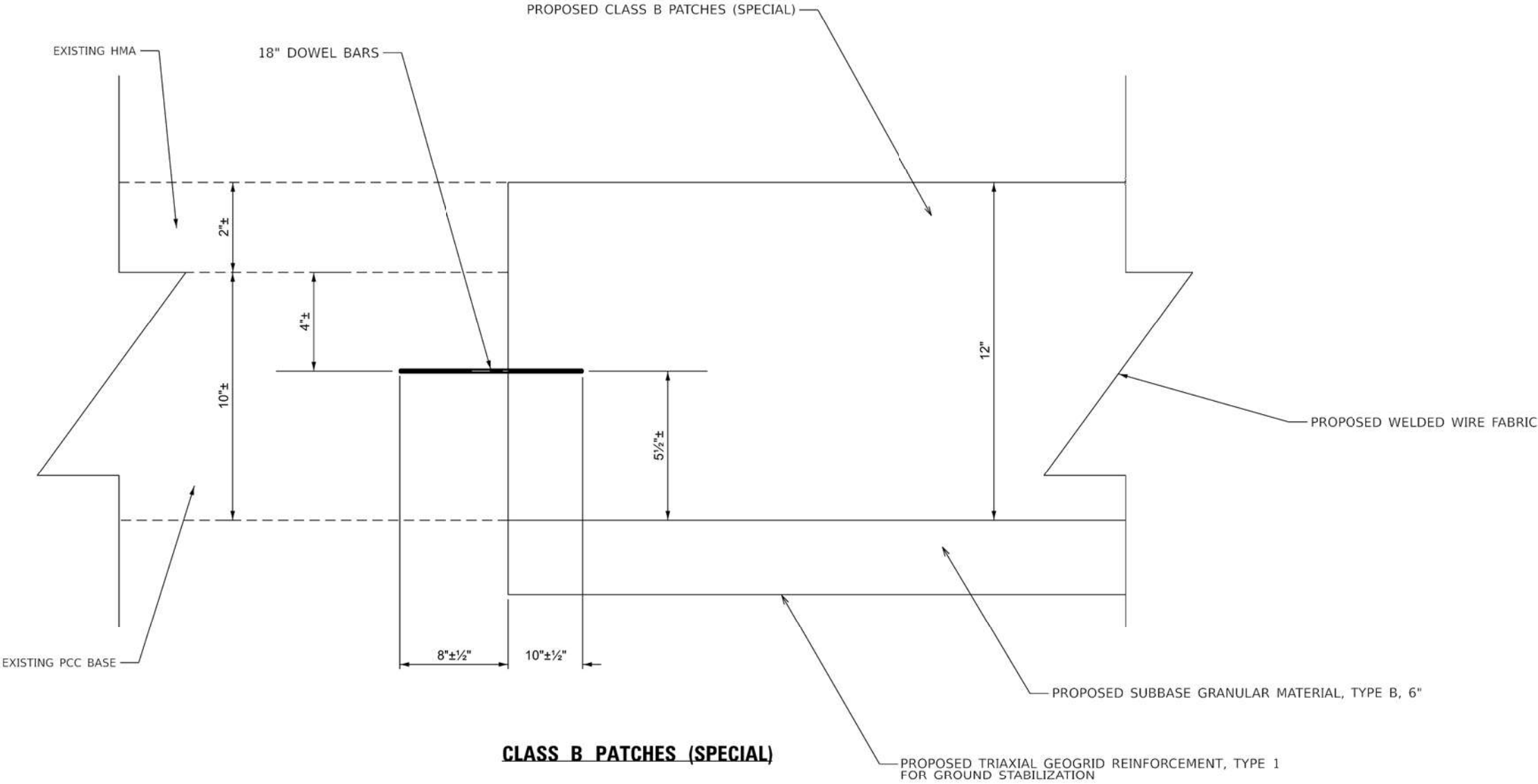
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - IL 150 (WEST OF IL 4 JCT TO COUNTY LINE)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
861	(110,111)PP-1	RANDOLPH	12	11
CONTRACT NO. 76U60				
ILLINOIS FED. AID PROJECT				

*Special Provisions eliminates requirement for sawcuts (4" wide) along shoulder as shown on Standard for Class B Patches.



CLASS B PATCHES (SPECIAL)

MODEL: Typical 6 (Sheet)
FILE NAME: c:\pw\work\pwwork\john.p.green@illinois.gov\1103626\DU60-ah-detail.dgn

	USER NAME = John.P.Green	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL SHEET FOR CLASS B PATCHES (SPECIAL)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					861	(110,111)PP-1	RANDOLPH	12	12
		CHECKED -	REVISED -					CONTRACT NO. 76U60				
	PLOT DATE = 5/9/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	