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# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

**PROPOSED** 

**HIGHWAY PLANS** 

PROJECT NHPP-7YP8(610)

**MICRO-SURFACING 1 PASS** 

C-98-126-24

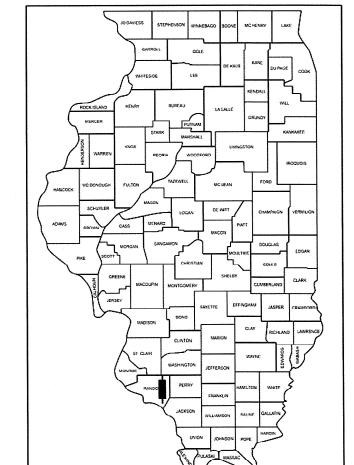
**FAP ROUTE 682 (IL 4)** 

**RANDOLPH COUNTY** 

SECTION 21RS-4

#### 

#### D-98-058-24



# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

JBMITTED Dec 11 20 24

LOCATION OF SECTION INDICATED THUS: -

REGIONAL ENGIN

January 31 20 25

January 31 25
DIRECTOR OF HIGHWAYS PROJECT IN LEME

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

### FOR INDEX OF SHEETS, SEE SHEET NO. 2

#### **FUNCTIONAL CLASS**

OTHER PRINCIPAL ARTERIA

#### **ADT**

IOCATION 1
IL 4 TO COUNTY RD 18
2023 ADT = 4350 (ACTUAL)
2024 ADT = 4400 (ESTIMATED)
2044 ADT = 4900 (ESTIMATED)

#### LOCATION 2

COUNTY RD 18 TO KELI RD 2023 ADT = 4450 (ACTUAL) 2024 ADT = 4500 (ESTIMATED) 2044 ADT = 5000 (ESTIMATED)

#### LOCATION 3

KELI ROAD TO STEVENSON DR 2023 ADT = 5100 (ACTUAL) 2024 ADT = 5150 (ESTIMATED) 2044 ADT = 5800 (ESTIMATED)

0) 0)

PROJECT ENDS
STA: 871 + 05
LAT: 38.2096
LONG: -89.7033
BRIDGE OMISSION
SN 079-0050
STA. 791 + 95.60
TO STA. 793 + 51.99

0 10' 20' 30' — 1"= 10'
0 50' 100' — 1"= 40'
0 50' 100' — 1"= 40'
0 50' 100' — 1"= 30' — 1"= 20

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

PROJECT ENGINEER: BILLIE OWEN PROJECT MANAGER: MIKE BERG

\_\_\_\_\_

GROSS LENGTH = 21245 FT. = 4.02 MILE NET LENGTH = 21088.6 FT. = 3.99 MILE OMISSION = 156.4 FT. = 0.03 MILE

CONTRACT NO. 76T84

#### INDEX OF SHEETS

- 1. COVER SHEET
- 2. INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS
- 3. SUMMARY OF QUANTITIES
- 4 7. TYPICAL SECTIONS
  8. RESURFACING SCHEDULE
  9. SCHEDULE OF QUANTITIES
  10. LOCATION MAP
- 11 14. PAVEMENT MARKING DETAILS
- 15 18. SURVEY MONUMENTS

#### **HIGHWAY STANDARDS**

000001-08	STANDARD SYMBOLS ABBREVIATIONS & PATTERNS
001006	DECIMAL OF INCH & FOOT
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24' (600mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS-DAY ONLY
701901-10	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

#### COMMITMENTS

NO COMMITMENTS

### **GENERAL NOTES**

1. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA

AMEREN ILLINOIS CLEARWAVE FIBER LLC VILLAGE OF COULTERVILLE EGYPTIAN ELECTRIC COOPERATIVE ASSOCIATION EGYPTIAN TELEPHONE COOP. ASSN. FRONTIER COMMUNICATIONS KASKASKIA WATER DISTRICT NEWWAVE COMMUNICATIONS CITY OF SPARTA VILLAGE OF TILDEN WASHINGTON COUNTY WATER CO.

- 2. NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
- THE PROPOSED PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKINGS SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKINGS, AS DIRECTED BY THE ENGINEER.
- MICRO-SURFACING SHALL NOT COVER EXISTING RUMBLE STRIP IN THE SHOULDER.
- NEW RAISED REFLECTIVE PAVEMENT MARKERS MUST BE OFFSET FROM THE EXISTING RAISED REFLECTIVE PAVEMENT MARKING LOCATIONS.
- 6. ONE CHANGEABLE MESSAGE SIGN SHALL BE PLACED IN EACH DIRECTION APPROXIMATELY TWO WEEKS PRIOR TO CONSTRUCTION. THE LOCATIONS OF THE SIGNS SHALL BE AS DIRECTED BY THE ENGINEER.
- THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING, INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES, AND/OR ELECTRICAL CABLES ASSOCIATED WITH TRAFFIC SIGNALS WITHIN THE PROJECT LIMITS. IF ANY OF THESE EXIST 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 109.04 OF THE STANDARD SPECIFICATIONS.

USER NAME = John.P.Green	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2024	DATE -	REVISED -

MODEL: Schedule of Quantities [Sheet]
File NAMF: p.low\_workhowidofichin p.green@illnes.gox\d0969735\D876T84.

 USER NAME
 = John.P.Green
 DESIGNED - REVISED - REV

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE:

80% FED 20% STATE

CONSTR. CODE

	CHAMADY	/ OF OUA	NTITIFE		F.A.P. RTE.	SECTION	COUNTY	TOTAL	
	SUMMARY	UF QUA	MIIIIE2		682	21RS-4	RANDOLPH	18	3
 _							CONTRACT	NO. 76	T84
SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FEO. AIL	PROJECT		

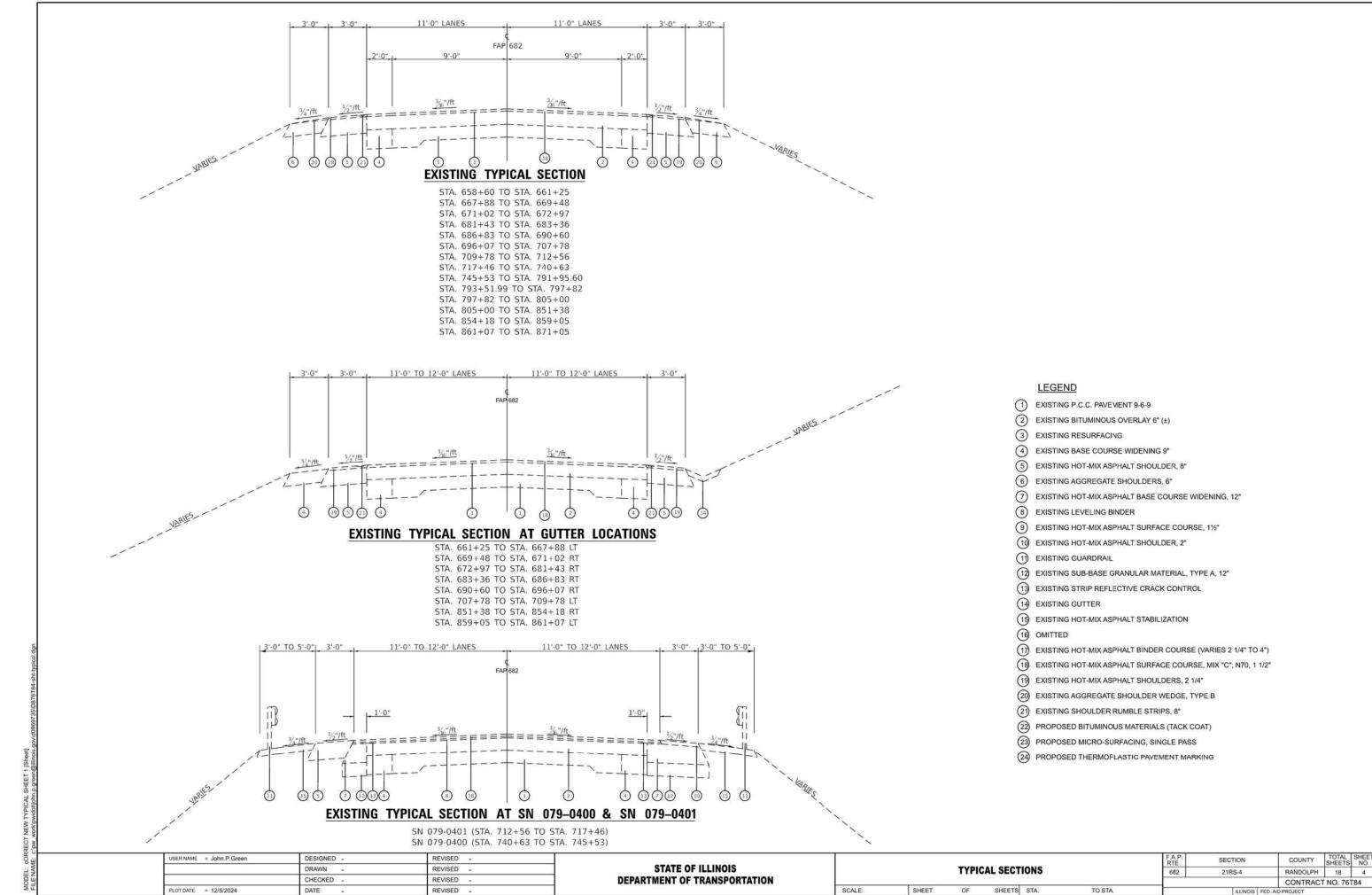
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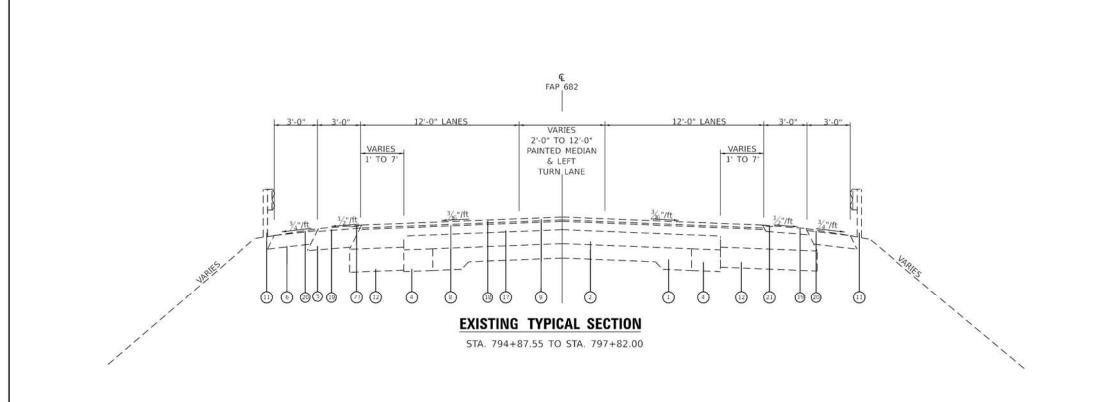
\* SPECIALTY ITEM

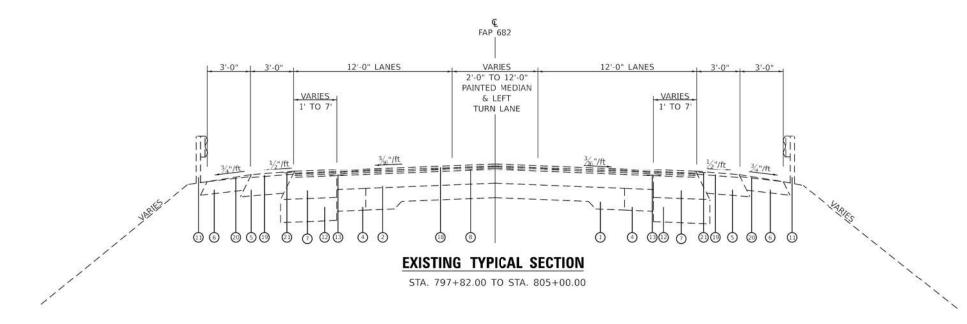
				ROADWAY
CODE			TOTAL	0005
NO.	ITEM	UNIT	QUANTITY	RURAL
40400118	MICRO-SURFACING, SINGLE PASS	SQ YD	53249	53249
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	11981	11981
67000400	ENGINEER'S FIELD OFFICE, TYPE A	C.AL MO	4	4
67100100	MOBILIZATION	LSUM	1	1
	ort.			
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	1
<u></u>	<u> </u>	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	1
r		1		
		1		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2124	2124
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	708	708
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	31	31
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	60440	60440
_				
70300261	TEMPORAR YPAVEMENT MARKING - LINE 12"- PAINT	FOOT	181	181
70000100	THE DIMON ACTIO DAMENENT MADVING. LETTERS AND CHARGE	00.57	21	21
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	31	31
		1		

80% FED 20% STATE CONSTR. CODE

CODE NO.	! TEM	UNIT	TOTAL QUANTITY	ROADWAY 0005 RURAL
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	60440	60440
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	181	181
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	300	300
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	300	300
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	20238	20238
Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	22	22



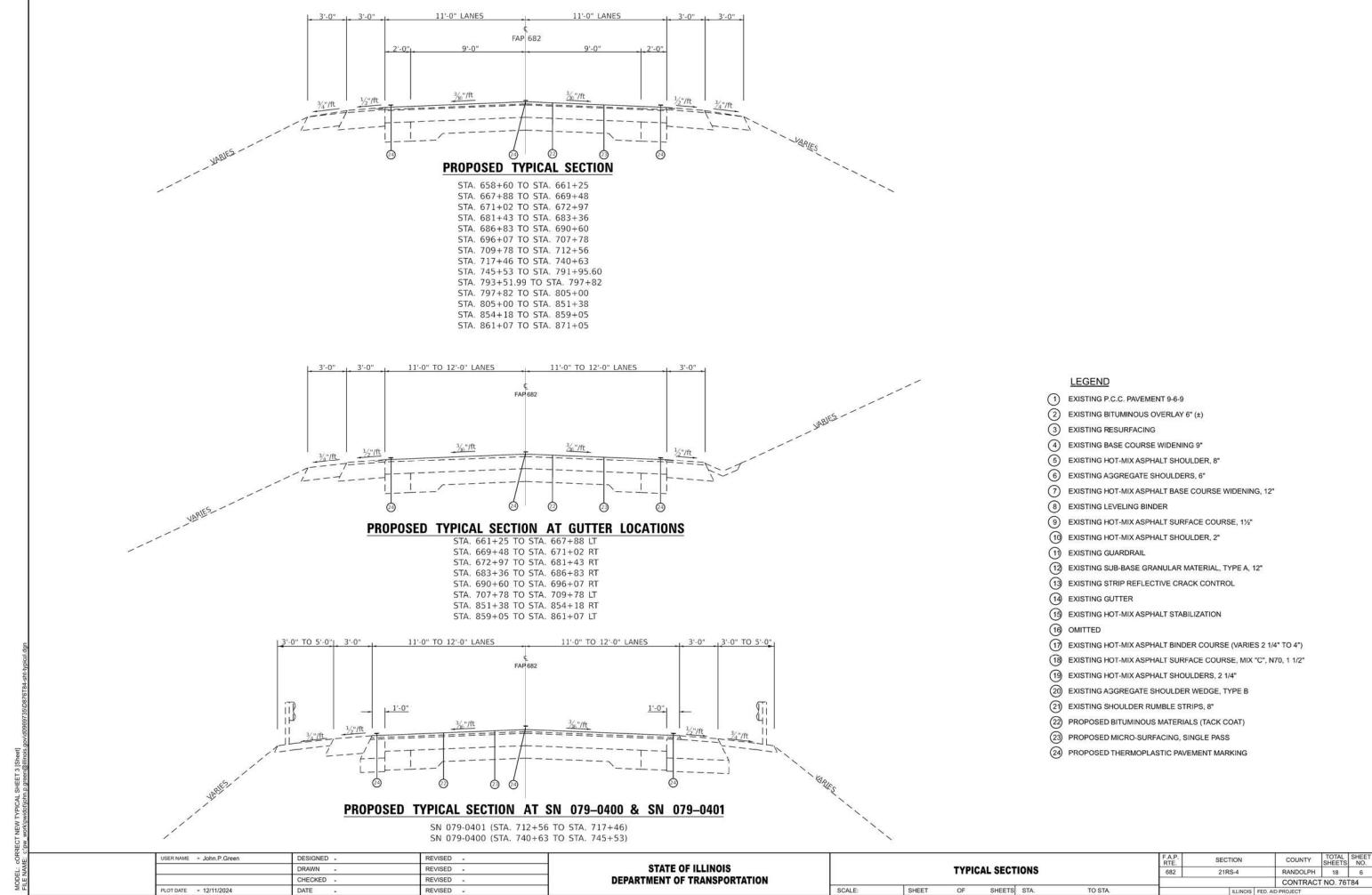


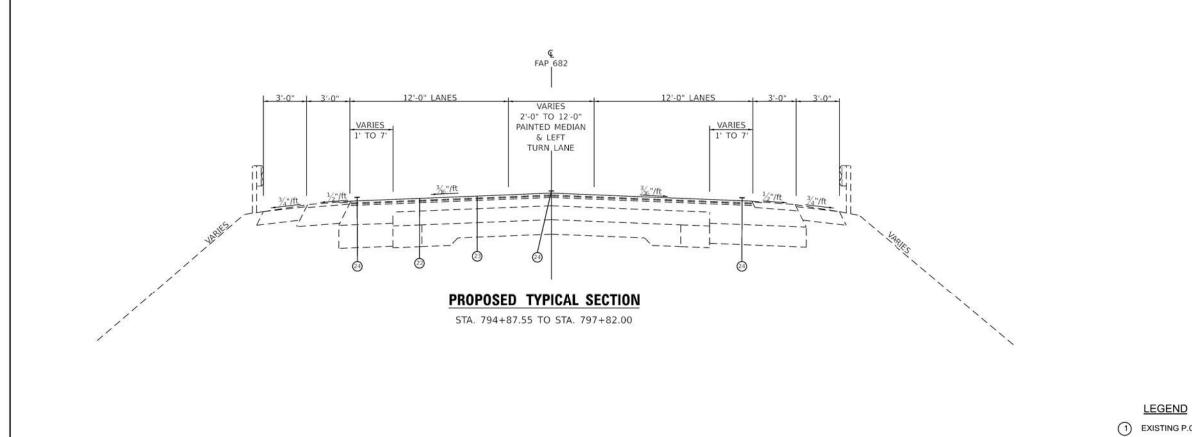


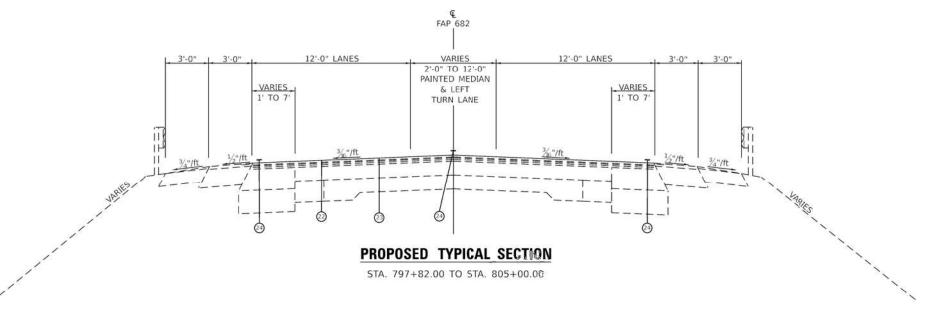
#### **LEGEND**

- 1) EXISTING P.C.C. PAVEMENT 9-6-9
- 2 EXISTING BITUMINOUS OVERLAY 6" (±)
- (3) EXISTING RESURFACING
- 4 EXISTING BASE COURSE WIDENING 9"
- 5 EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- 6 EXISTING AGGREGATE SHOULDERS, 6"
- 7 EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING, 12"
- (8) EXISTING LEVELING BINDER
- 9 EXISTING HOT-MIX ASPHALT SURFACE COURSE, 11/2"
- 10 EXISTING HOT-MIX ASPHALT SHOULDER, 2"
- 11) EXISTING GUARDRAIL
- (12) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A, 12"
- (13) EXISTING STRIP REFLECTIVE CRACK CONTROL
- 14 EXISTING GUTTER
- 15 EXISTING HOT-MIX ASPHALT STABILIZATION
- 16 OMITTED
- (17) EXISTING HOT-MIX ASPHALT BINDER COURSE (VARIES 2 1/4" TO 4")
- (18) EXISTING HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 1 1/2"
- (19) EXISTING HOT-MIX ASPHALT SHOULDERS, 2 1/4"
- (20) EXISTING AGGREGATE SHOULDER WEDGE, TYPE B
- (21) EXISTING SHOULDER RUMBLE STRIPS, 8"
- 22) PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- 23 PROPOSED MICRO-SURFACING, SINGLE PASS
- 24 PROPOSED THERMOPLASTIC PAVEMENT MARKING

USER NAME = John.P.Green	DESIGNED -	REVISED -								F.A.P.	SECTION	COUNTY	TOTAL	SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS			TYPIC	CAL SECTI	ONS		682	21RS-4	RANDOLPH	18	5
	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION							1		CONTRAC	T NO. 761	84
PLOT DATE = 12/5/2024	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	1	ILLINOIS FED. A	D PROJECT		-







- 1) EXISTING P.C.C. PAVEMENT 9-6-9
- 2 EXISTING BITUMINOUS OVERLAY 6" (±)
- 3 EXISTING RESURFACING
- (4) EXISTING BASE COURSE WIDENING 9"
- (5) EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- (6) EXISTING AGGREGATE SHOULDERS, 6"
- (7) EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING, 12"
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- (22) PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- 23 PROPOSED MICRO-SURFACING, SINGLE PASS
- 24) PROPOSED THERMOPLASTIC PAVEMENT MARKING

USER NAME = John.P.Green	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/11/2024	DATE	REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

RTE. SECTION COUNTY SHEETS NO.	TYPIC	AL SECT	IONS	682	21RS-4	RANDOLPH CONTRACT	18 NO 76	7
	TYPIC	AL SECT	IONS		21RS-4	72,737,030,000		NO.

USER NAME = John.P.Green	DESIGNED -	REVISED -	3-
	DRAWN -	REVISED -	- 5
	CHECKED -	REVISED -	
PLOT DATE = 1/30/2025	DATE -	REVISED -	

SCALE:

				F.A.P. RTE.	F.A.P. SECTION		TOTA SHEE		
	RESURFA	CING SC	HEDULE	682	21RS-4	RANDOLI	PH 18	8	
						1171 1875	CONTR	ACT NO.	6T84
SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS F	FED. AID PROJECT		No.

<sup>\*</sup>The application rate of the Tack Coat is 0.025 lb/sqft

<sup>\*\*</sup>Omission at 791+95.6 to 793+52

LOCATION	M		THERMOPLASTIC PAVEMENT MARKING  LINE 6" LINE 1.									RAISED REFLECTIVE	SHORT TERM PAVEMENT	SHORT TERM PAVEMENT	PAVEMENT MARKING	
LOCATION		WHITE SKIP-DASH	SOLID WHITE			DOUBLE YELLOW	400억(1000) (1000) 1000 (1000) (1000)		LETTERS & SYMBOLS	(% 1% 1800) 1800 1800 1800 1800 1800 1800 180	13.55 (13.55)		MARKING	MARKING		
		(TURN LANE)	(TURN LANE)	(EDGE LINE)	(CENTERLINE)	(CENTERLINE)	(CENTERLINE)	(DIAGONAL)		1-WAY AMBER	1-WAY CRYSTAL	The first water the control of the c	000000000000000000000000000000000000000	REMOVAL	BLASTING	
	STA TO STA		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH	EACH	FOOT	SQ FT	SQ FT
658+65	TO	786+00	0	0	25297	7092	1191	3176	0	0	159	0	159	1274	425	12252
786+00	TO	805+00	41	155	2674	244	3254	189	181	31	54	5	59	190	63	2277
805+00	TO	871+00	0	0	13140	2344	0	1643	0	0	82	0	82	660	220	5709
	SUBTOTA	L	41	155	41111	9680	4445	5008	181	31	295	5	300	2124	708	20238
	TOTAL				60	440			181	31	3	00	300	2124	708	20238

NOTE: UNLESS OTHERWISE NOTED BELOW, CENTERLINE MARKINGS WILL BE YELLOW SKIP DASHES:

STA. 658+60 TO STA. 663+65 - SOLID YELLOW ON SB SIDE

STA. 669+84 TO STA. 678+97 - SOLID YELLOW ON NB SIDE

STA. 680+39 TO STA. 689+77 - SOLID YELLOW ON SB SIDE STA. 698+64 TO STA. 710+21 - SOLID YELLOW ON NB SIDE

STA. 710+21 TO STA. 722+12 - DOUBLE YELLOW

STA. 722+12 TO STA. 758+26 - SOLID YELLOW ON SB SIDE

STA. 786+00 TO STA. 805+00 - SEE PAVEMENT MARKING SHEETS

STA. 809+32 TO STA. 817+58 - SOLID YELLOW ON NB SIDE

STA. 820+35 TO STA. 833+25 - SOLID YELLOW ON SB SIDE

STA. 868+42 TO STA. 870+05 - SOLID YELLOW ON NB SIDE

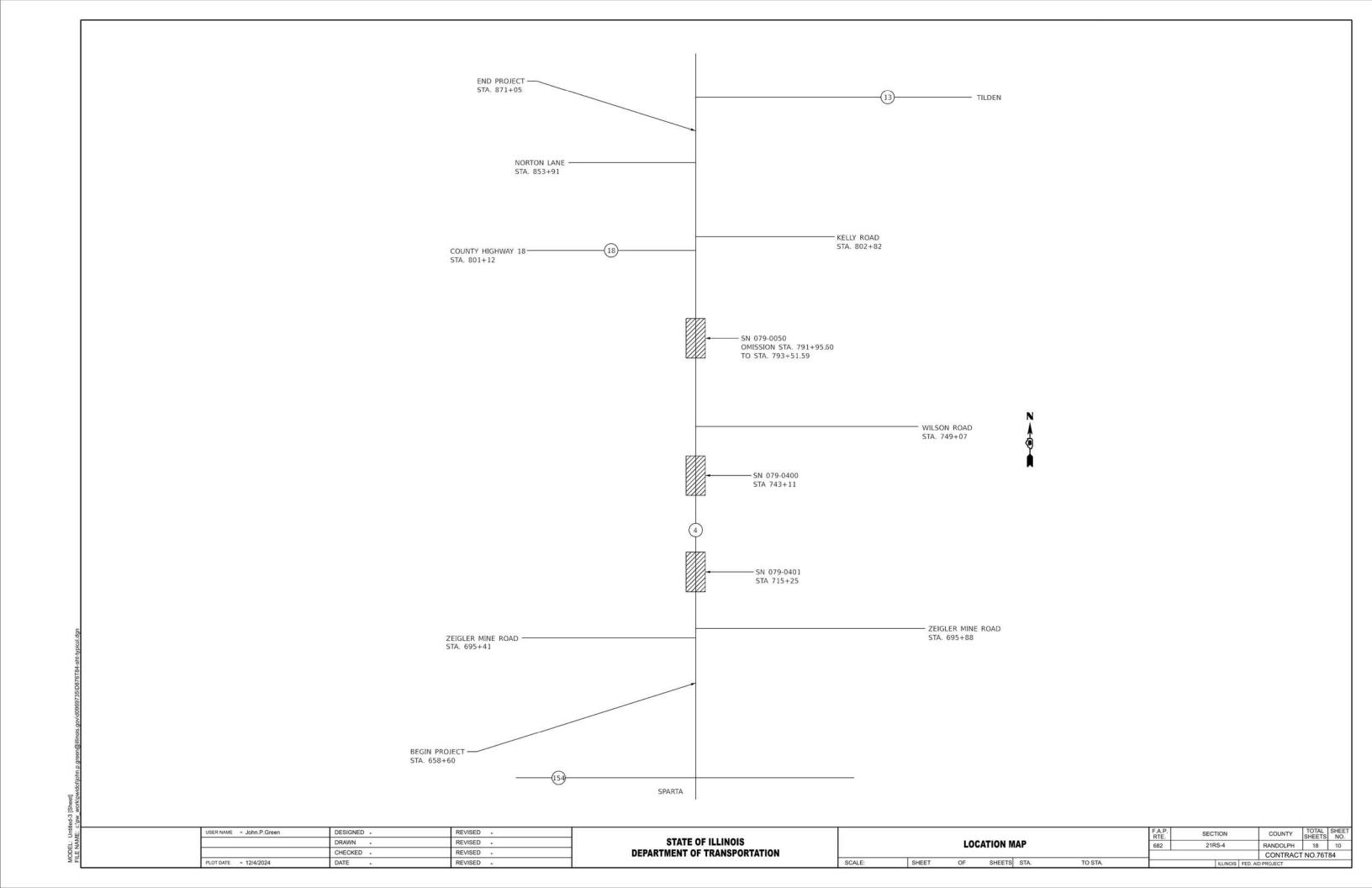
TEMPORARY PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF THE PERMANENT PAVEMENT MARKING SCHEDULE.

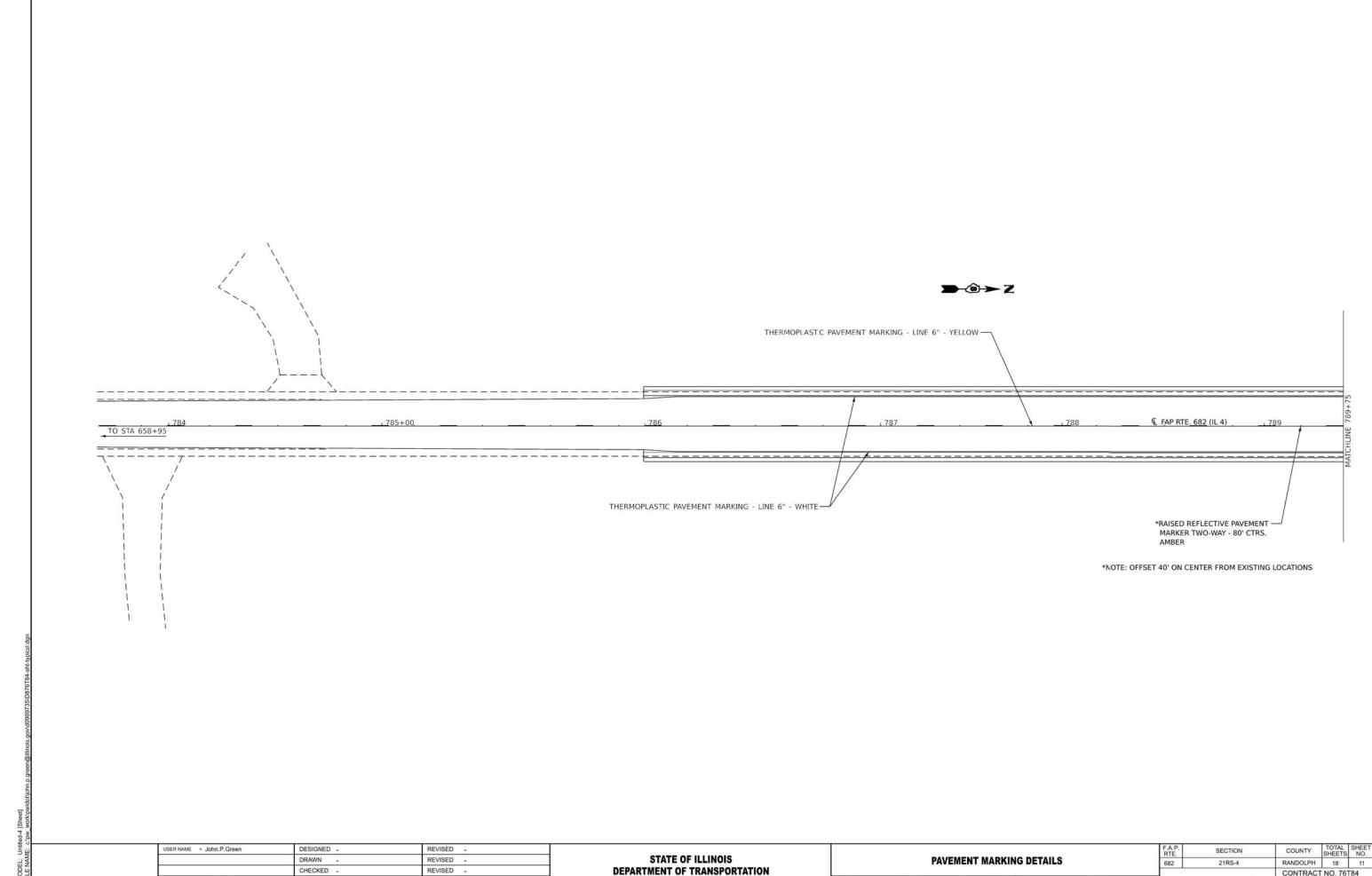
USER NAME = John.P.Green	DESIGNED -	REVISED -	3,1-0
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 12/5/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

NAME: c:\pw\_work\pwidot\john.p.green@illinois.gov\d0969735\D76T84-sht-schedule





PLOT DATE = 12/4/2024

DATE

REVISED -

SHEET OF SHEETS STA.

TO STA

SCALE:

CONTRACT NO. 76T84

\*NOTE: OFFSET 40' ON CENTER FRCM EXISTING LOCATIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

PAVEMENT MARKING DETAILS

| SHEET OF SHEETS STA. TO STA. | F.A.P. RTE. | 682 |

*RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY AMBER - 40 CTRS.	*RAISED REFLECTIVE PAVEMENT MARKER TWO-WAY AMBER - 40' CTRS.	
THERMOPLASTIC PAVEMENT MARKING - LINE 6" - WHITE	THERMOPLASTIC PAVEMENT MARKING - LINE 12" - YELLOW—  SYMBOL (WHITE)—  SYMB	
0.55 1.792	1799 @ FAP RTE. 682 (II. 4) 1800+00	200+000 3, 65 - 100+000 37. K - 100+000
THERMOPLASTIC PAVEMENT MARKING - LINE 6" - WHITE	THERMOPLASTIC PAVEMENT MARKING - LINE 6" - WHITE  **RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY CRYSTAL - 40' CTRS.**  **THERMOPLASTIC PAVEMENT MARKING - LINE 6" - WHITE  **THERMOPLASTIC PAVEMENT MARKING - LINE 6" - WHITE - LINE 6" -	

**>**-ŵ→ Z

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

USER NAME = John.P.Green

PLOT DATE = 12/4/2024

DESIGNED -

DRAWN -

CHECKED -

DATE

REVISED -

REVISED .

REVISED -

REVISED -

TOTAL SHEET NO. 18 14

COUNTY

RANDOLPH

CONTRACT NO. 76T84

SECTION

21RS-4

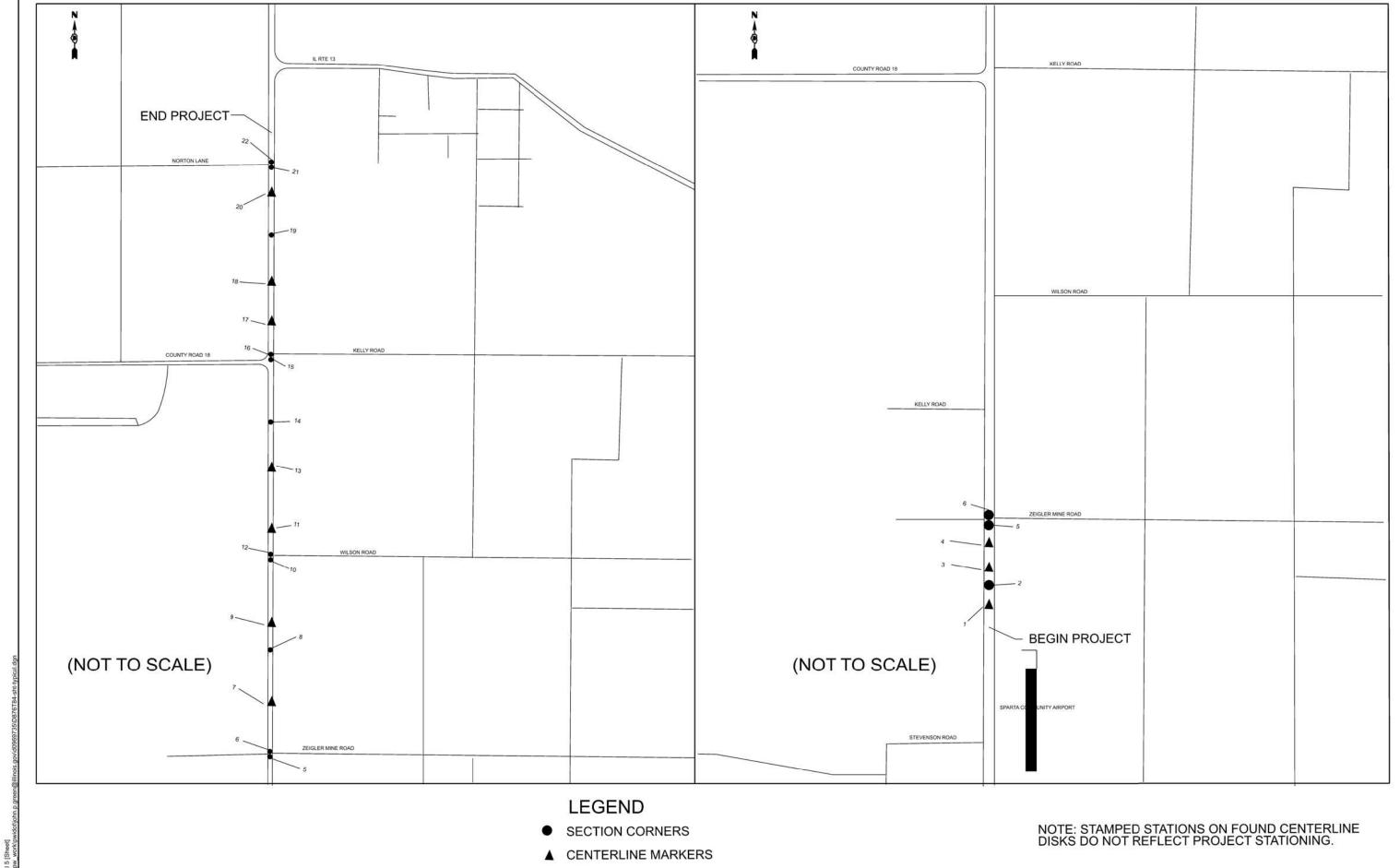
682

TO STA

PAVEMENT MARKING DETAILS

SHEET OF SHEETS STA.

SCALE:



MODEL: Typical 5 [Sheet]

JSER NAME = John.P.Green

PLOT DATE = 11/19/2024

DESIGNED -

DRAWN -

DATE

CHECKED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

 SURVEY MONUMENTS
 F.A.F. SE

 682
 21

 SHEET Typical 5 OF SHEETS STA. TO STA.

