

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	131PP	PEORIA	9	1
		ILLINOIS	CONTRACT NO. 68L02	

D-94-017-26

INDEX OF SHEETS

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- 8 LOCATION MAP
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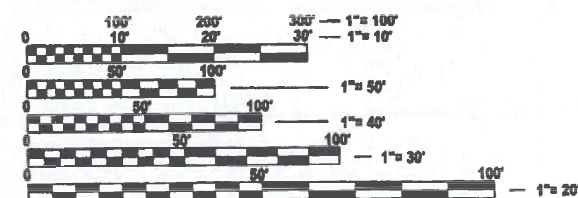
IDOT HIGHWAY STANDARDS

- 000001-09 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
 701306-04 LANE CLOSURE, 2L, 2W SLOW MOVING OPERATIONS DAY ONLY,
 FOR SPEEDS $\geq$ 45 MPH
 701901-11 TRAFFIC CONTROL DEVICES

DISTRICT STANDARDS

408101-D4

DESIGN DESIGNATION
 IL 78: MINOR ARTERIAL
 ADT: 2750 (2023)
 SU: 4.4%
 MU: 4.7%



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

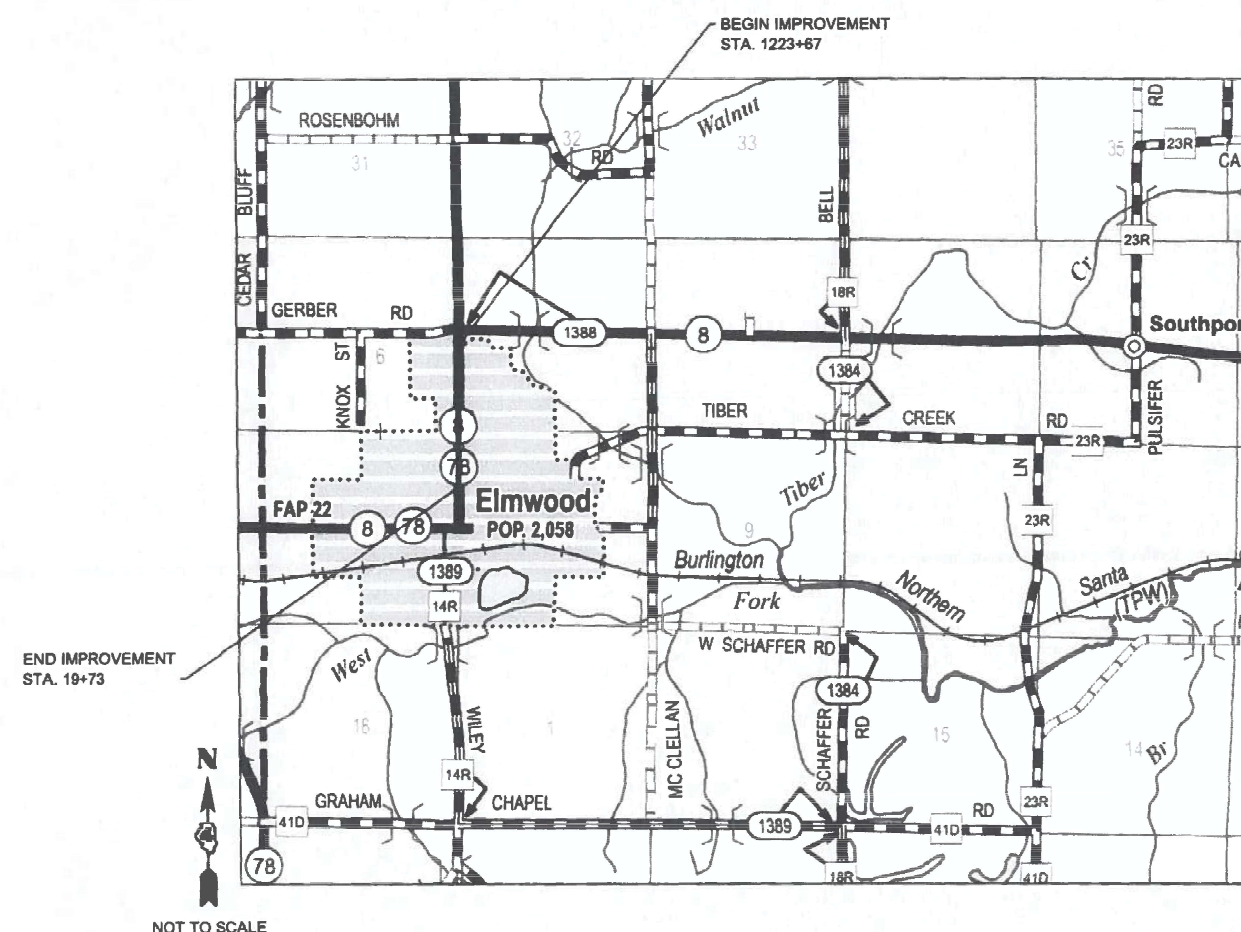
PROJECT ENGINEER: BEN TELLEFSON
PROJECT MANAGER: ERIC PRICHARD
CONTRACT NO. 68L02
CATALOG NO. 036751-00D

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
 HIGHWAY PLANS**

**FAP ROUTE 22 (IL 8/IL 78)
 SECTION 131PP
 PARTIAL DEPTH AND FULL DEPTH HMA PATCHING
 IL 8 TO MAIN STREET
 PEORIA COUNTY**

C-94-021-26



GROSS LENGTH = 2,810 FT. = 0.53 MILE
 NET LENGTH = 2,810 FT. = 0.53 MILE



Brian Heil 5/6/26
 BRIAN S. HEIL
 IL P.E. NO. 062-054934
 EXPIRATION DATE 11/30/2027



LOCATION OF SECTION INDICATED THUS: —



Collinsville
 100 Lanier Court, Suite 1
 Collinsville, IL 62234
 618.345.2200

Belleville
 1 South Church, Suite 200
 Belleville, IL 62220
 618.416.4608
 www.oatesassociates.com
 ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

St. Louis
 720 Olive, Suite 700
 St. Louis, MO 63101
 314.588.8381

St. Charles
 820 South Main, Suite 309
 St. Charles, MO 63301
 636.493.6277

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUBMITTED May 12 2026
Russell A. Drexler
 REGIONAL ENGINEER

June 26, 2026
Scott A. Etkin
 ENGINEER OF DESIGN AND ENVIRONMENT

June 26, 2026
Harry
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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 OF THE STATE OF ILLINOIS**

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

NO COMMITMENTS HAVE BEEN MADE ON THIS PROJECT.

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO THE SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2290 (WASTE/USE AREA REVIEW)
- A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- BORROW AREA ENTRY AGREEMENT FORM - D4 PI0101

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS SHALL BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ADDITIONAL SUPPLEMENTAL TRAFFIC CONTROL

THE DEPARTMENT RESERVES THE RIGHT AT ANY TIME TO ADD ADDITIONAL TRAFFIC CONTROL SYSTEMS OR DEVICES WITHIN THE ACTIVE CONTRACT LIMITS, BY MEANS OF AN ADDITIONAL CONTRACT. ALL TERMS OF ARTICLE 105.08 OF THE STANDARD SPECIFICATIONS SHALL BE FOLLOWED BY EACH CONTRACTOR.

PROJECT SPECIFIC NOTES

FLAGGERS, WHEN SHOWN, SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD PAY ITEMS.

TWO CHANGEABLE MESSAGE SIGNS SHALL BE PLACED IN ADVANCE OF THE PROJECT. ONE PER EACH DIRECTION OF TRAVEL ON IL 8/ IL 78 ONE WEEK PRIOR TO CONSTRUCTION.

MIXTURES TABLE

LOCATION(S):	MAINLINE	MAINLINE	MAINLINE
MIXTURE USE(S):	PARTIAL DEPTH (1.5")	PARTIAL DEPTH (4")	FULL DEPTH (13")
LIFTS	1 LIFT @ 1.5"	2 LIFTS @ 2.0"	PER SPECS
PG:	PG 58-28	PG 58-28	PG 58-28
DESIGN AIR VOIDS:	4% @ N = 50	4% @ N = 50	4% @ N=50
MIXTURE COMPOSITION:	IL 9.5	IL 9.5	IL 19.0
FRICTION AGG:	MIX D	MIX D	MIX D
MIXTURE WEIGHT:	112 LBS/SY/IN	112 LBS/SY/IN	112 LBS/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE (REQUIRED?)	NO	NO	NO

- NOTES:
1. INDIVIDUAL LIFT THICKNESS OF EACH MIX TYPE WILL BE NO LESS THAN 3 TIMES NOMINAL MAXIMUM AGGREGATE SIZE AND NO MORE THAN 6 TIMES NOMINAL MAXIMUM AGGREGATE SIZE, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

2. FOR DESIGN PURPOSES, MIXTURE WEIGHT FOR ALL MIXES IS DETERMINED TO BE 112.0 LB/S.Y./IN., UNLESS OTHERWISE NOTED.

3. SUBLOT SIZES FOR PFP AND QCP MIXES WILL BE 1000 TONS, UNLESS OTHERWISE AGREED TO BY THE ENGINEER AND THE PAVING CONTRACTOR.

POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

SURFACE TYPE	RESIDUAL RATE
MILLED (HMA OR PCC)	0.08 LB/ SQ FT
EXISTING PAVEMENT	0.08 LB/ SQ FT
FOG COAT (BETWEEN LIFTS)	0.08 LB/ SQ FT

PARTIAL DEPTH PATCHING APPLICATION RATE = 0.056 TONS/SQYD/INCH

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USER NAME = den.grapperhaus	DESIGNED -	REVISED -
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PLOT DATE = 5/5/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND COMMITMENTS

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

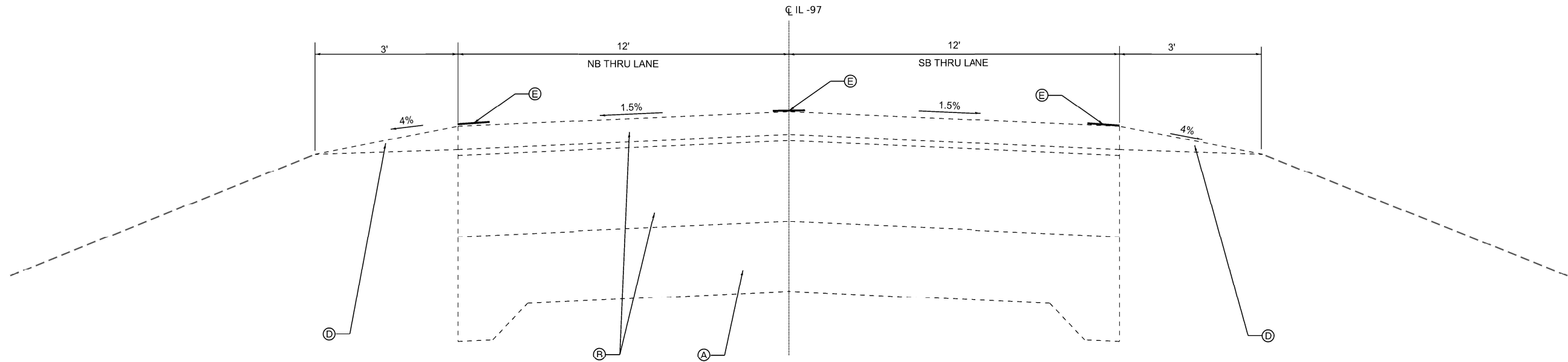
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	131PP	PEORIA	9	2
CONTRACT NO. 68L02				
		ILLINOIS	FED. AID PROJECT	

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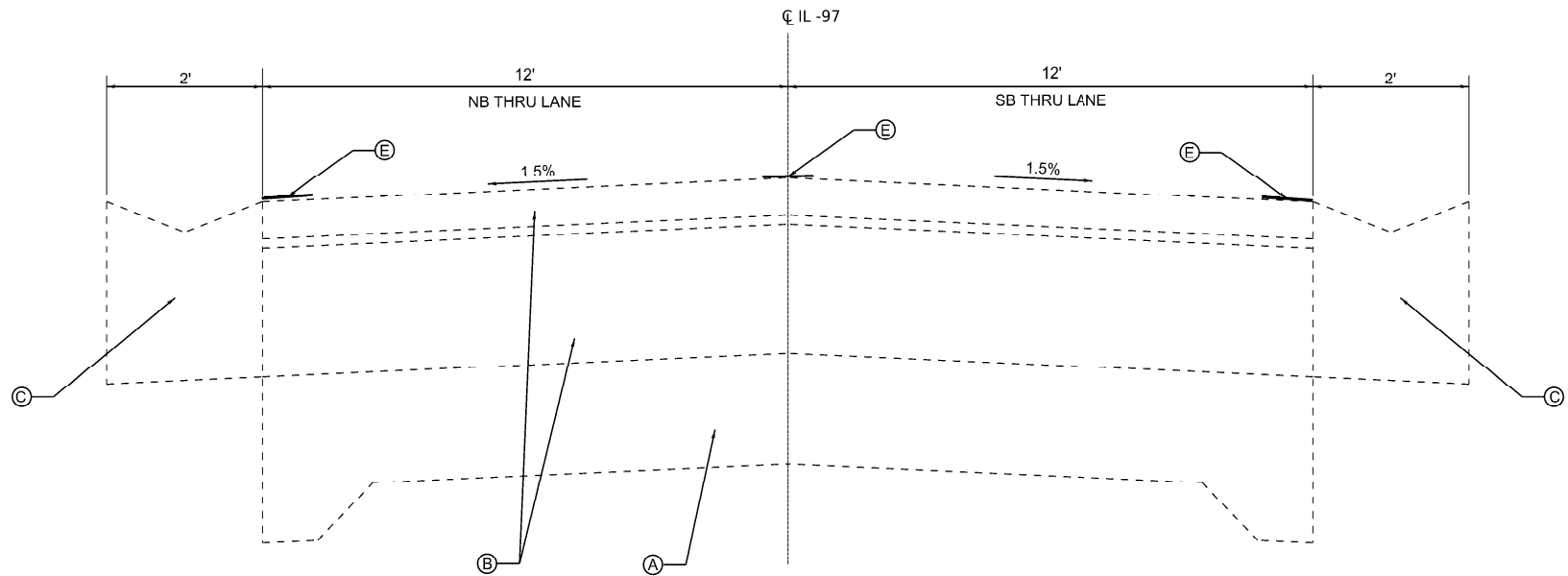
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*= SPECIALTY ITEM

 OATES ASSOCIATES www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115	USER NAME = ben.grappenthaus	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							22	131PP	PEORIA	9	3
		CHECKED -	REVISED -		CONTRACT NO. 68L02									
	PLOT DATE = 5/5/2026	DATE -	REVISED -											
							SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.		



TYPICAL SECTION
NOT TO SCALE
STA. 1223+67 TO STA. 1232+04
STA. 0+00 TO STA. 12+90



TYPICAL SECTION
NOT TO SCALE
STA. 12+90 TO STA. 19+73

- (A) PCC PAVEMENT - 9'-6"-9"
- (B) HMA OVERLAY (VARIES 3'-5")
- (C) TY B GUTTER
- (D) AGGREGATE SHOULDERS
- (E) PR MOD URETHANE PAVT MARKING LINE, 6"

MODEL: TYPICALS [Sheet]
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	131PP	PEORIA	9	4
CONTRACT NO. 68L02				
ILLINOIS FED. AID PROJECT				

PAVEMENT PATCHING SCHEDULE

STATION	STATION	OFFSET	LENGTH	WIDTH	PAVT PATCH T4 13	PARTIAL DEPTH PATCHING		PARTIAL DEPTH PATCHING (SPECIAL)	
						(NOTE 2) (TON)	(NOTE 3) (TON)	(NOTE 2) (SQ YD)	(NOTE 3) (SQ YD)
NORTHBOUND IL 8/ IL 78									
1223+67	1224+77	LT	110	4			11.0		49
1224+77	1226+32	LT	155	12		17.4		207	
1226+32	2+02	LT	773	4			77.0		344
2+02	3+02	LT	100	5	56				
3+02	19+73	LT	1,671	4			166.4		743
SOUTHBOUND IL 8/ IL78									
1223+67	2+02	RT	1,038	4			106.7		476
2+02	3+02	RT	100	7	78				
3+02	9+72	RT	670	4			68.3		305
9+72	10+92	RT	120	12			35.8		160
10+92	19+73	RT	881	4			87.7		392
TOTAL					134	17	553	207	2,468
PAVEMENT NOTES:						570		2,675	

PAVEMENT NOTES:		570	2,675
1.	APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS: HOT-MIX ASPHALT. 112 LBS/SY/INCH THICKNESS		
2.	PROPOSED MILLING AND HMA REPLACEMENT SHALL BE 1.5"		
3.	PROPOSED MILLING AND HMA REPLACEMENT SHALL BE 2-2" LIFTS.		
4.	APPLICATION RATE FOR TACK COAT SHALL BE .08 POUND PER SQFT.		

PAVEMENT MARKING SCHEDULE

STATION	STATION	OFFSET	COMMENT	MOD URETH PM LINE 4	MOD URETH PM LINE 6
				(NOTE 1) (FOOT)	(NOTE 2) (FOOT)
1223+67	19+73	RT	EDGE LINE		2810
1223+67	19+73	LT	EDGE LINE		2810
1223+67	1225+28	LT	SOLID/ SKIP DASH	201	
1225+58	8+20	CL	SKIP DASH	370	
8+20	13+91	RT	SOLID/ SKIP DASH	711	
14+20	19+73	LT	SOLID/ SKIP DASH	693	
TOTAL				1,975	5,620

PAVEMENT MARKING NOTES	
1.	PAVEMENT MARKING COLOR SHALL BE YELLOW.
2.	PAVEMENT MARKING COLOR SHALL BE WHITE.

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PLOT DATE	= 5/5/2026
DATE	-

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DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	131PP	PEORIA	9	5
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MODEL: PC13 - Plan 1 'Sheet'
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DATE	-
PLOT DATE	= 4/8/2026

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DATE	-

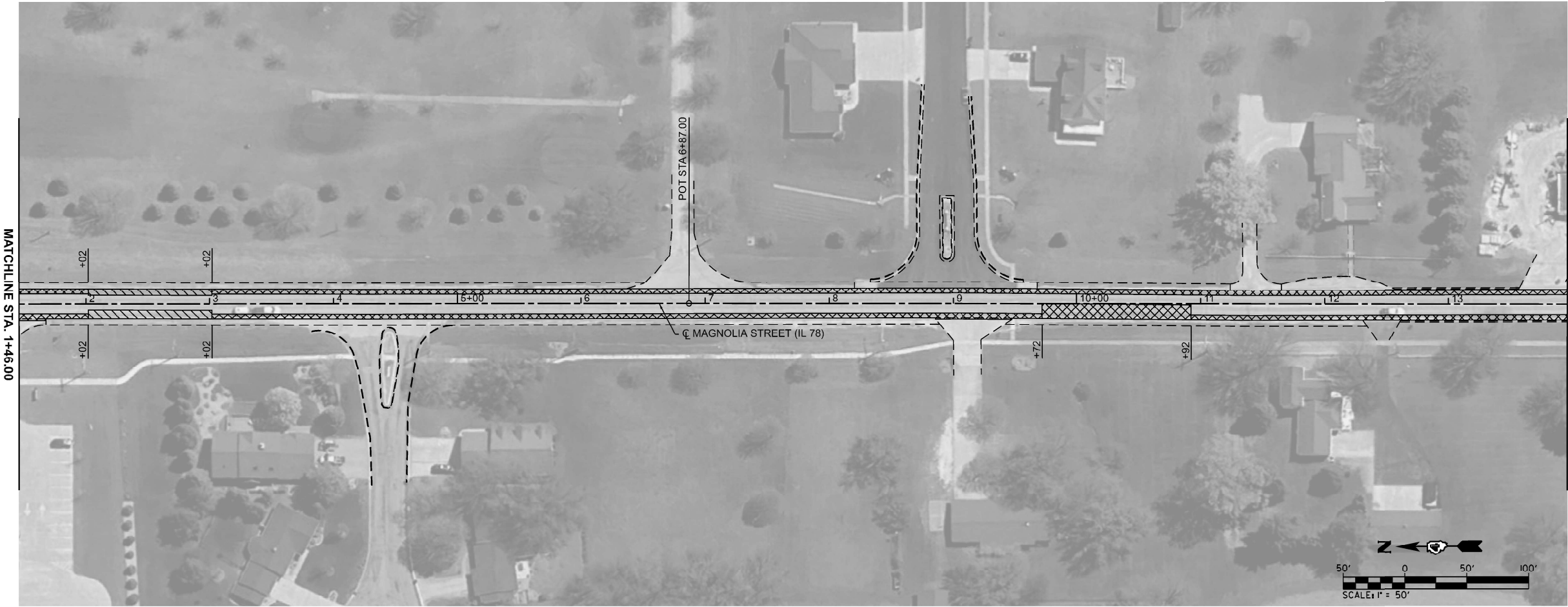
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	131PP	PEORIA	9	6
CONTRACT NO. 68L02				
ILLINOIS FED. AID PROJECT				



LEGEND

4" PARTIAL DEPTH PATCH	
1.5" PARTIAL DEPTH PATCH	
FULL DEPTH PATCH	

MODEL: PC13 - Plan 3 'Sheet'
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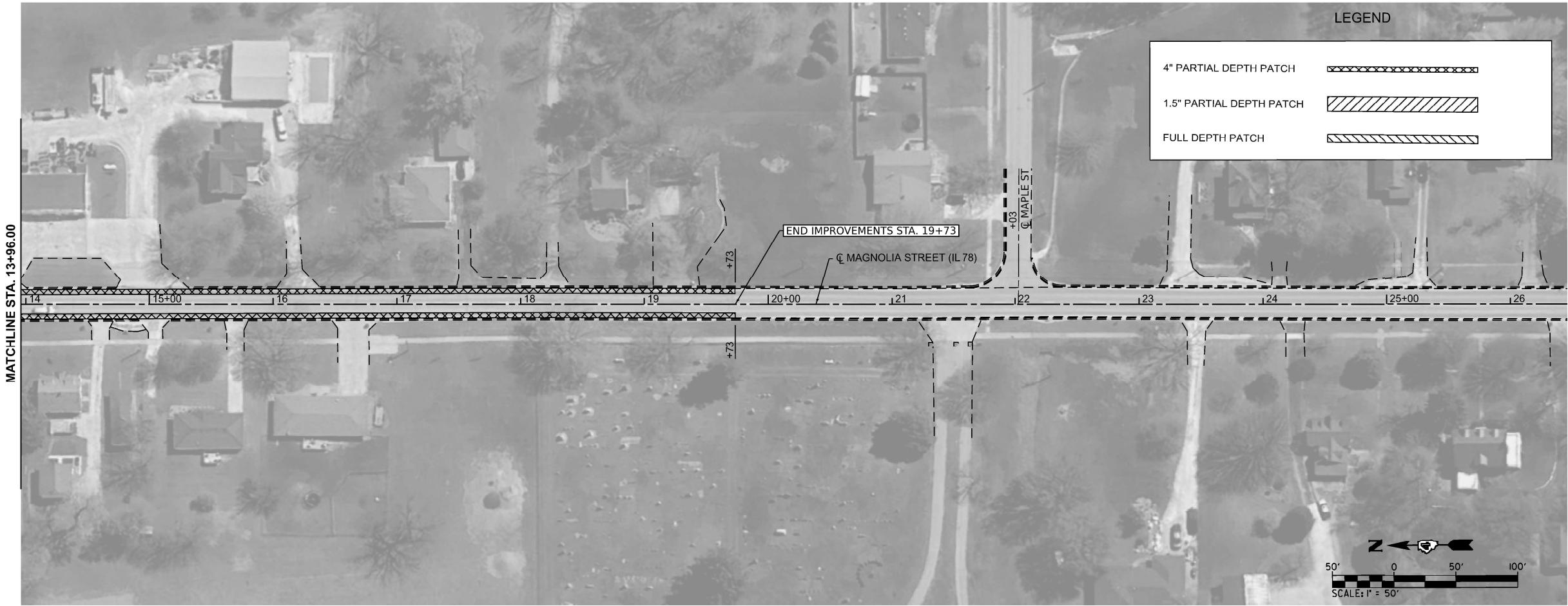
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PLOT DATE	= 4/8/2026	DATE	-	REVISED	-

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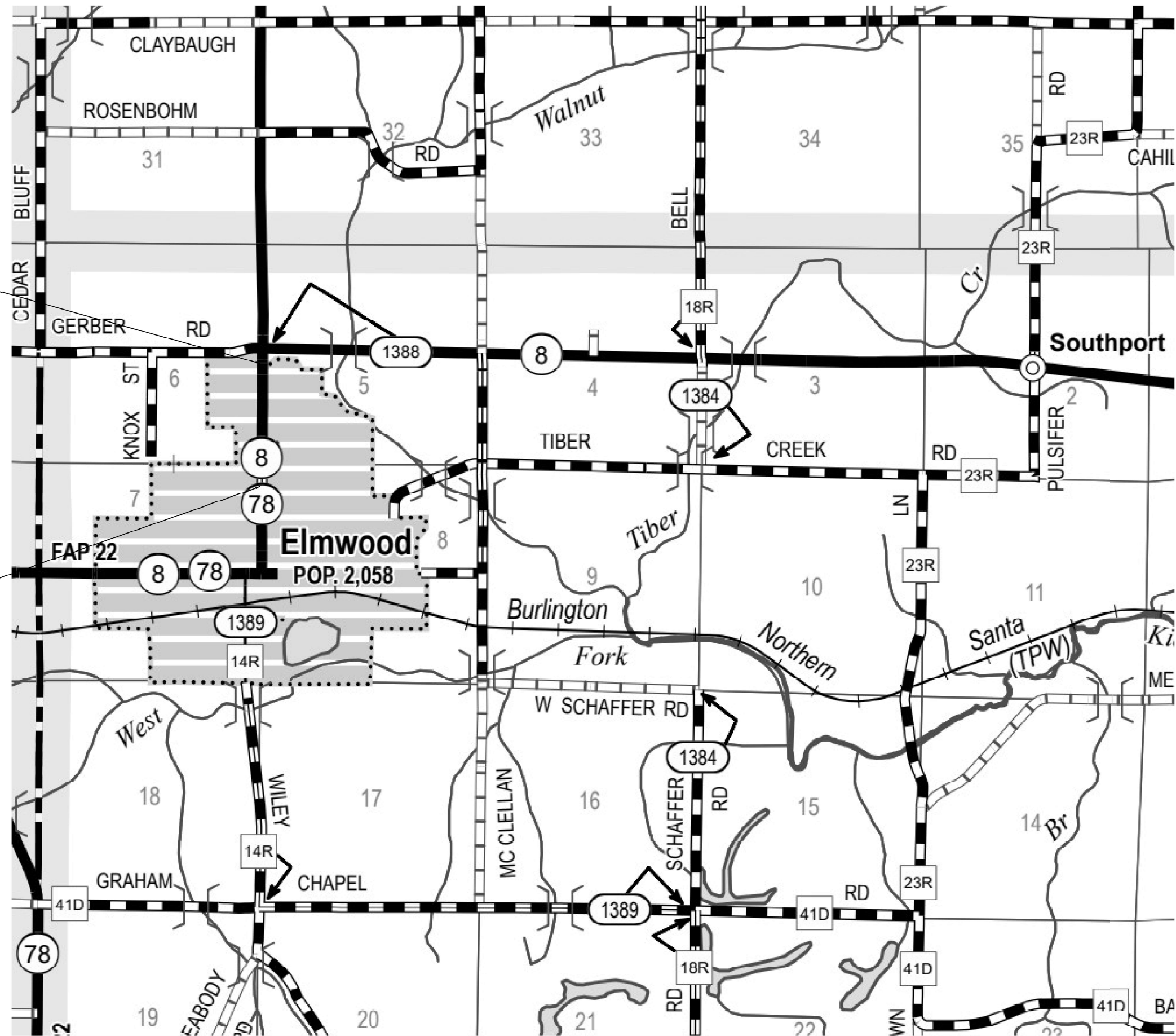
PLAN SHEETS

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	131PP	PEORIA	9	7
CONTRACT NO. 68L02				
ILLINOIS FED. AID PROJECT				



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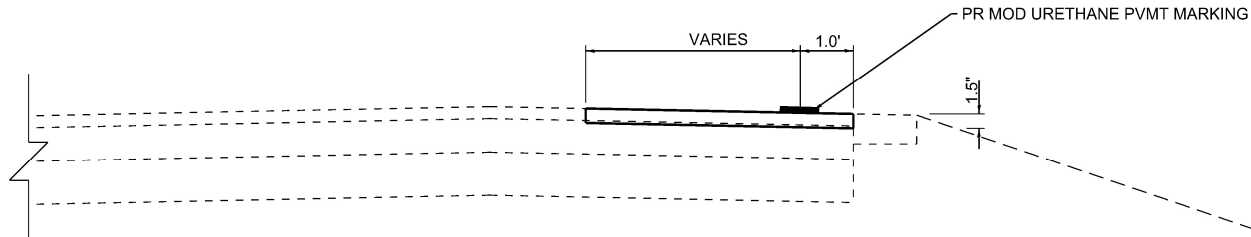
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		DATE	-	REVISED	-
PLOT DATE	= 4/7/2026				

STATE OF ILLINOIS
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LOCATION MAP

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

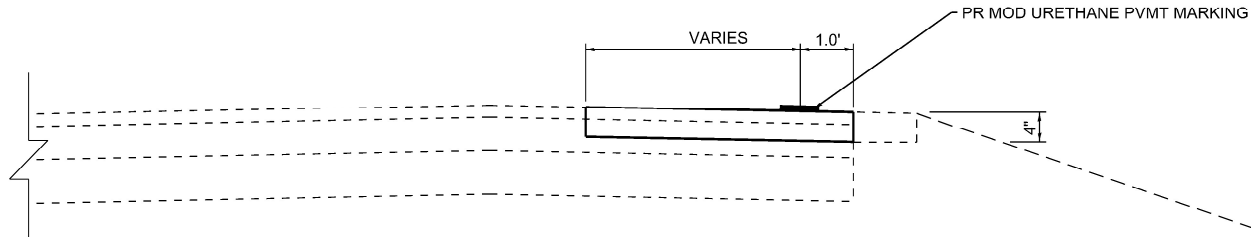
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22	131PP	PEORIA	9	8
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PARTIAL DEPTH (1.5") PATCHING DETAIL

NOT TO SCALE

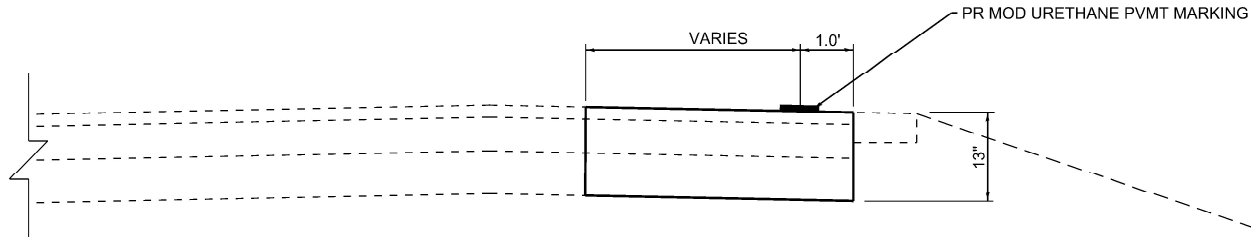
NOTE: TACK COAT INCLUDED IN UNIT PRICE FOR HMA PLACEMENT



PARTIAL DEPTH (4") PATCHING DETAIL

NOT TO SCALE

NOTE: TACK COAT INCLUDED IN UNIT PRICE FOR HMA PLACEMENT



FULL DEPTH PATCHING DETAIL

NOT TO SCALE

NOTE: TACK COAT INCLUDED IN UNIT PRICE FOR HMA PLACEMENT

MODEL: details-1 [Sheet]
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