

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-3	ST CLAIR	14	1
		ILLINOIS	CONTRACT NO. 76V07	
DISTRICT 8 PAVEMENT PATCHING 2026-3				

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

SEE DETAIL SHEET FOR IL 157

FOREST BLVD.

ADT = 550 WEST TO 3350 EAST
MU = 18 WEST TO 50 EAST
SU = 20 WEST TO 80 EAST

FUNCTIONAL CLASSIFICATION

IL 157 - OTHER PRINCIPAL ARTERIAL
FOREST BLVD. - MAJOR COLLECTOR

**PROPOSED
HIGHWAY PLANS**

**VARIOUS ROUTES (IL 157 & FOREST BLVD.)
SECTION DIST 8 PATCHING 2026-3**

**PATCHING
ST CLAIR COUNTY**

FOREST BLVD.
END PROJECT
MM 2.84
LAT 38° 38' 13" N
LONG 90° 04' 47" W

C-98-075-26

BRIDGE OMISSION
SN 082-0244
MM 1.59 TO 1.70

IL 157
BEGIN PROJECT
MM 0.00
LAT 38° 39' 30" N
LONG 90° 01' 06" W

BRIDGE OMISSION
SN 082-0286
MM 1.02 TO 1.05

BRIDGE OMISSION
SN 082-0279
MM 1.11 TO 1.15

BRIDGE OMISSION SN 082-0123 MM 1.48 TO 1.49
AND AT B&O RAILROAD MM 1.53 TO 1.55

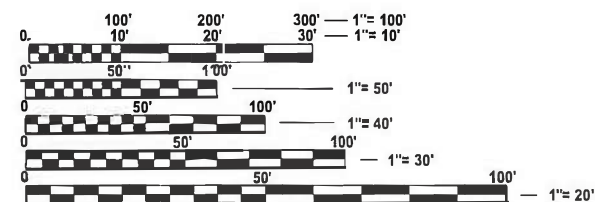
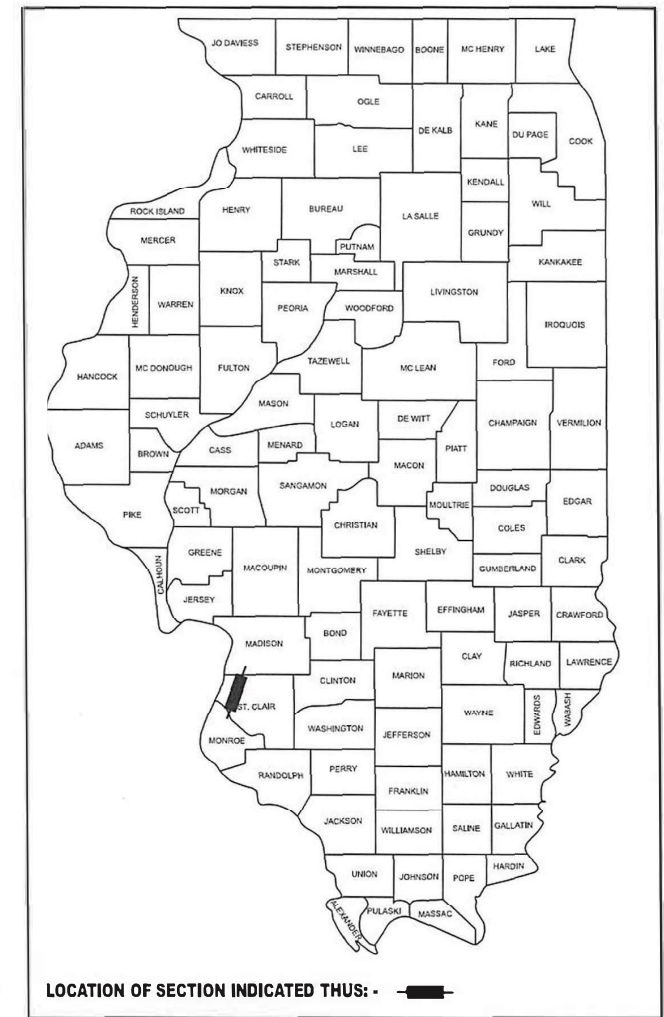
FOREST BLVD.
BEGIN PROJECT
MM 0.00
LAT 38° 38' 03" N
LONG 90° 01' 40" W

BRIDGE OMISSION
SN 082-0399
MM 4.76 TO 4.85

OMISSION SOUTHERN RAILROAD
MM 9.08 TO 9.10

IL 157
END PROJECT
MM 9.45
LAT 38° 33' 11" N
LONG 90° 06' 28" W

	IL 157	FOREST BLVD.	TOTAL
GROSS LENGTH	49,896.00 FT. = 9.450 MILE	14,995.20 FT. = 2.840 MILE	64,891.20 FT. = 12.290 MILE
NET LENGTH	48,787.20 FT. = 9.240 MILE	14,414.40 FT. = 2.730 MILE	63,201.60 FT. = 11.970 MILE



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. 76V07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Feb. 4 2026
John T. G. GOM REGIONAL ENGINEER

March 20 2026
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

March 20 2026
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

1. COVER SHEET
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5. TYPICAL SECTIONS
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7. PATCHING SCHEDULE OF QUANTITIES FOREST BLVD.
8. PAVEMENT MARKING SCHEDULE OF QUANTITIES IL 157
9. PAVEMENT MARKING SCHEDULE OF QUANTITIES FORSET BLVD.
10. ADT DETAILS IL 157
- 11-14. ELECTRICAL

HIGHWAY STANDARDS

- | | |
|-----------|--|
| 000001-09 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001001-02 | AREAS OF REINFORCEMENT BARS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 420001-11 | PAVEMENT JOINTS |
| 420701-03 | PAVEMENT WELDED WIRE REINFORCEMENT |
| 442101-09 | CLASS B PATCHES |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600 MM) FROM PAVEMENT EDGE |
| 701201-05 | LANE CLOSURE, 2L, 1W, DAY ONLY, FOR SPEEDS ≥ 45 MPH |
| 701301-04 | LANE CLOSURE, 2L, 1W, SHORT TIME OPERATIONS |
| 701306-04 | LANE CLOSURE, 2L, 1W, SLOW MOVING OPERATIONS DAY ONLY |
| 701311-03 | LANE CLOSURE, 2L, 2W MOVING OPERATIONS-DAY ONLY |
| 701421-08 | LANE CLOSURE, MULTILANE, DAY, OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH |
| 701501-06 | URBAN LANE CLOSURE 2L, 2W, UNDIVIDED |
| 701502-09 | URBAN LANE CLOSURE 2L, 2W WITH BIDIRECTIONAL LEFT TURN LANE |
| 701606-10 | URBAN SINGLE LANE CLOSURE MULTILANE, 2W WITH MOUNTABLE MEDIAN |
| 701701-10 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701901-11 | TRAFFIC CONTROL DEVICES |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |
| 886001-01 | DETECTOR LOOP INSTALLATIONS |
| 886006-01 | TYPICAL LAYOUTS FOR DETECTION LOOPS |

GENERAL NOTES

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

COMPANY	UTILITY	AERIAL	BURIED
AMEREN ILLINOIS	GAS AND ELECTRIC	X	X
AT&T ILLINOIS	COMMUNICATIONS	X	X
CITY OF BELLEVILLE	SANITARY SEWER		X
BLUEBIRD NETWORK	COMMUNICATIONS	X	X
BUCKEYE PARTNERS L.P.	WOOD RIVER PIPELINE		X
VILLAGE OF CAHOKIA	WATER AND SANITARY SEWER		X
VILLAGE OF CASEYVILLE	WATER AND SANITARY SEWER		X
CHARTER COMMUNICATIONS	CABLE TV	X	X
DEPARTMENT OF CENTRAL MANAGEMENT SERVICES	COMMUNICATIONS	X	X
CITY OF COLLINSVILLE	WATER AND SANITARY SEWER		X
CITY OF EAST ST. LOUIS	SANITARY SEWER		X
CITY OF FAIRVIEW HEIGHTS	SANITARY SEWER		X
I3 BROADBAND	COMMUNICATIONS	X	X
ILLINOIS AMERICAN WATER COMPANY	WATER		X
LEVEL 3 COMMUNICATIONS, LLC	COMMUNICATIONS	X	X
VERIZON BUSINESS	COMMUNICATIONS	X	X
METRO EAST SANITARY DISTRICT	SANITARY SEWER		X
PARTA NETWORKS, LLC	COMMUNICATIONS	X	X
VILLAGE OF WASHINGTON PARK	SANITARY SEWER		X
WINDSTREAM KDL, INC.	COMMUNICATIONS	X	X
ZAYO GROUP, LLC	COMMUNICATIONS	X	X
STOOKEY TOWNSHIP	SANITARY SEWER		X

2. NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
3. THE PROPOSED PAVEMENT MARKINGS SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKINGS, AS DIRECTED BY THE ENGINEER.
4. 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.
5. FOUR CHANGEABLE MESSAGE SIGNS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED TWO WEEKS PRIOR TO ANY LANE CLOSURE AND SHALL REMAIN UP FOR THE DURATION OF THE PROJECT. THE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ACCORDING TO THE LOCATION MAP OR AT THE DIRECTION OF THE ENGINEER.
6. 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 TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

COMMITMENTS

NONE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES,
AND COMMITMENTS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-3	ST CLAIR	14	2
CONTRACT NO. 76V07				
ILLINOIS FED. AID PROJECT				

DISTRICT 8 PAVEMENT PATCHING 2026-3

USER NAME	DESIGNED	REVISED
Robert.Hughes	-	-
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE	DATE	REVISED
2/5/2026	-	-

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				STATE 100%	
				ROADWAY	URBAN
4420050	WELDED WIRE REINFORCEMENT	SQ YD	3160	3160	
44201007	CLASS B PATCHES, TYPE II, 13 INCH	SQ YJ	407	407	
44201011	CLASS B PATCHES, TYPE III, 13 INCH	SQ YD	271	271	
44201013	CLASS B PATCHES, TYPE IV, 13 INCH	SQ YD	2891	2891	
44201298	DOWEL BARS 1 1/4"	EACH	2108	2108	
44213200	SAW CUTS	FOOT	9559	9559	
44213204	TIE BARS 3/4"	EACH	742	742	
67100100	MOBILIZATION	L SUM	1	1	
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	

USER NAME = Robert,Hughes	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/2/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-3	ST CLAIR	14	3
CONTRACT NO. 76V07				
ILLINOIS FED. AID PROJECT				

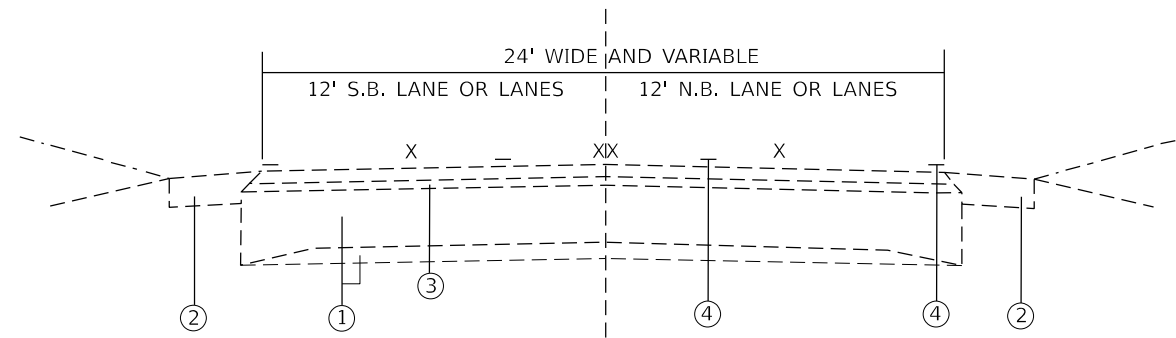
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				STATE 100%	
				ROADWAY 0006	URBAN
70102835	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	430	430	
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	221	221	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	4309	4309	
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	221	221	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	4309	4309	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	37	37	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	37	37	
* 80300100	LOCATING UNDERGROUND CABLE	FOOT	600	600	
* X8860105	DETECTOR LOOP REPLACEMENT	FOOT	3600	3600	
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500	

* SPECIALTY ITEM
 Ø 0042

REV - MS

USER NAME = Robert.Hughes	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	2028-3	ST CLAIR	14	4
	CHECKED -	REVISED -		CONTRACT NO. 76V07									
PLOT DATE = 2/5/2026	DATE -	REVISED -		ILLINOIS FED. AID PROJECT DISTRICT 8 PAVEMENT PATCHING 2028-3									



X MATCH EXISTING SLOPES
XX TURN LANE OR EXISTING MEDIAN WITH CURB & GUTTER

LEGEND

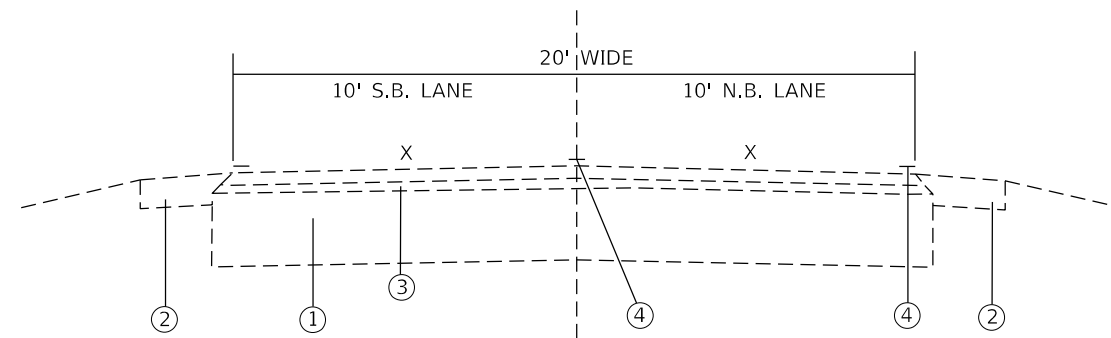
- ① EXISTING PPC PAVEMENT VARIABLE 9"-7"-9" OR 10"
- ② EXISTING VARIABLE CURB & GUTTER OR HMA SHOULDER
- ③ EXISTING HOT-MIX ASPHALT BINDER & SURFACE COURSE, 3.25"
- ④ EXISTING THERMOPLASTIC PAVEMENT MARKING-LINE 4"

IL 157 TYPICAL SECTION

MM 0.00 TO 9.45

STRUCTURE OMISSION

- MM 0.71 TO 0.73
- MM 1.02 TO 1.05
- MM 1.48 TO 1.49
- MM 1.53 TO 1.55
- MM 4.76 TO 4.85



X MATCH EXISTING SLOPES

LEGEND

- ① EXISTING PPC PAVEMENT 8"
- ② EXISTING VARIABLE CURB & GUTTER OR HMA SHOULDER
- ③ EXISTING HOT-MIX ASPHALT BINDER & SURFACE COURSE, 2.5"
- ④ EXISTING THERMOPLASTIC PAVEMENT MARKING-LINE 4"

FOREST BLVD. TYPICAL SECTION

MM 0.00 TO 2.84

STRUCTURE OMISSION

MM 1.59 TO 1.70

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/18/2025	DATE -	REVISED -

**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.
VAR.	2026-3	ST CLAIR	14	5
CONTRACT NO. 76V07				
ILLINOIS FED. AID PROJECT				

CLASS B PATCHES SCHEDULE - FULL DEPTH - IL 157

MISTA	NUMBER	LANE	LENGH FOOT	WIDTH FOOT	AREA SQ YD	13"			DOWEL BARS 1 1/4 INCH EACH	TIE BARS 3/4 INCH EACH	WELDED WIRE REINFORCEMENT SQ YD	SAW CUTS FOOT	NOTES	
						TYPE II SQ YD	TYPE III SQ YD	TYPE IV SQ YD						
						0.95	1	NB	178	12	237.3			
3.0	2	SB DL	29	12	38.7			38.7	20	9	38.7	94	BUNKUM RD	
	3	SB LT TRN	27	12	36.0			36.0	20	8	36.0	90	DETECTOR LOOP REPLACEMENT	
	4	SB DL	27	12	36.0			36.0	20	8	36.0	90		
	5	SB PL	27	12	36.0			36.0	20	8	36.0	90		
	6	SB DL	26	12	34.7			34.7	20	8	34.7	88		
	7	SB DL	41	12	54.7			54.7	20	13	54.7	118		
	8	SB DL	8	12	10.7	10.7			20			52		
	9	SB DL	20	12	26.7			26.7	20	6	26.7	76		
3.3	10	NB LT TN	89	12	118.7			118.7	20	29	118.7	214	SASAK PL LOOP DETECTORS REPLACEMENT	
3.4	11	NB LT TN	45	12	60.0			60.0	20	14	60.0	126	SASAK PL LOOP DETECTORS REPLACEMENT	
5.6	12	SB DL	11	12	14.7	14.7			20			58		
	13	NB DL	50	12	66.7			66.7	20	16	66.7	136		
5.7	14	NB DL	39	12	52.0			52.0	20	12	52.0	114		
	15	SB DL	25	12	33.3			33.3	20	8	33.3	66		
5.8	16	SB DL	18	12	24.0		24.0		20		24.0	72		
	17	NB DL	31	12	41.3			41.3	20	10	41.3	98		
	18	SB PL	17	12	22.7		22.7		20		22.7	70		
	19	SB PL	16	12	21.3		21.3		20		21.3	68		
5.9	20	NB DL	35	12	46.7			46.7	20	11	46.7	106		
	21	NB DL	10	12	13.3	13.3			20			56		
6.0	22	SB DL	18	12	24.0		24.0		20		24.0	72		
	23	SB DL	12	12	16.0		16.0		20		16.0	60		
6.1	24	NB DL	19	12	25.3			25.3	20		25.3	74		
	25	NB DL	25	12	33.3			33.3	20	8	33.3	86		
	26	NB DL	38	12	50.7			50.7	20	12	50.7	112		
6.4	27	SB DL	6	12	8.0	8.0			20			48		
	28	NB DL	36	12	48.0			48.0	20	11	48.0	108		
	29	NB DL	43	12	57.3			57.3	20	14	57.3	122		
6.5	30	SB DL	18	12	24.0		24.0		20		24.0	72		
	31	SB DL	6	12	8.0	8.0			20			48		
	32	SB DL	6	12	8.0	8.0			20			48		
6.6	33	NB DL	23	12	30.7			30.7	20	7	30.7	82		
	34	NB PL	23	12	30.7			30.7	20	7	30.7	82		
	35	NB LT TN	6	12	8.0	8.0			20			48		
7.6	36	SB/15 RAMP	50	12	66.7			66.7	20	16	66.7	136	IL 15 RAMP	
7.9	37	SB	80	12	106.7			106.7	20	26	106.7	196		
	38	SB	26	12	34.7			34.7	20	8	34.7	88		
	39	SB	45	12	60.0			60.0	20	14	60.0	126		
8.0	40	SB	35	12	46.7			46.7	20	11	46.7	106		
	41	SB	19	12	25.3			25.3	20		25.3	74		
	42	SB	47	12	62.7			62.7	20	15	62.7	130		
8.1	43	SB	34	12	45.3			45.3	20	11	45.3	104		
	44	SB	47	12	62.7			62.7	20	15	62.7	130		
	45	SB	16	12	21.3		21.3		20		21.3	68		
	46	SB	27	12	36.0			36.0	20	8	36.0	90		
	47	SB	6	12	8.0	8.0			20			48		
8.2	48	SB	43	12	57.3			57.3	20	14	57.3	122		
	49	SB	30	12	40.0			40.0	20	9	40.0	96		
	50	SB	15	12	20.0		20.0		20		20.0	66		
8.3	51	SB	43	12	57.3			57.3	20	14	57.3	122		
	52	SB	28	12	37.3			37.3	20	9	37.3	92		
	53	NB	6	12	8.0	8.0			20			48		
TOTAL								86.7	173.3	1933.5	1060.0	448.0	2106.8	5198.0
ANTICIPATED FAILURES (15%)								13.0	26.0	290.0	159	67	316.0	780
TOTAL								100	200	2224	1219	515	2423	5978

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	DRAWN -	REVISED -		SCALE:	SHEET 1	OF 4	SHEETS	STA.	TO STA.	2026-3	ST CLAIR	14	6
	CHECKED -	REVISED -		CONTRACT NO. 76V07									
PLOT DATE = 2/5/2026	DATE -	REVISED -		ILLINOIS FED. AID PROJECT DISTRICT 8 PAVEMENT PATCHING 2026-3									

CLASS B PATCHES SCHEDULE - FULL DEPTH - FOREST BLVD.

MISTA	PATCH		LENGH FOOT	WIDTH FOOT	AREA SQ YD	13"			DOWEL BARS 1 1/4 INCH EACH	TIE BARS 3/4 INCH EACH	WELDED WIRE REINFORCEMENT SQ YD	SAW CUTS FOOT	NOTES
	NUMBER	LANE				TYPE II	TYPE III	TYPE IV					
0.0	1	WB	6	10	6.7	6.7			17			42	MI STA 0 AT IL 157
	2	EB	6	10	6.7	6.7			17			42	
	3	WB	10	10	11.1	11.1			17			50	
	4	EB	18	10	20.0		20.0		17	20.0		66	
	5	WB	6	10	6.7	6.7			17			42	
	6	EB	6	10	6.7	6.7			17			42	
	7	EB	6	10	6.7	6.7			17			42	
0.2	8	WB	9	10	10.0	10.0			17			48	
	9	EB	9	10	10.0	10.0			17			48	
0.3	10	EB	6	10	6.7	6.7			17			42	
	11	EB	21	10	23.3		23.3		17	6	23.3	72	
	12	WB	8	10	8.9	8.9			17			46	
	13	EB	8	10	8.9	8.9			17			46	
	14	WB	6	10	6.7	6.7			17			42	
	15	WB	12	10	13.3	13.3			17			54	
0.7	16	WB	31	10	34.4			34.4	17	10	34.4	92	
	17	EB	13	10	14.4	14.4			17			56	
	18	WB	6	10	6.7	6.7			17			42	
0.8	19	WB	77	10	85.6			85.6	17	25	85.6	184	
0.9	20	WB	63	10	70.0			70.0	17	20	70.0	156	
	21	EB	7	10	7.8	7.8			17			44	
	22	EB	6	10	6.7	6.7			17			42	
	23	EB	65	10	72.2			72.2	17	21	72.2	160	
	24	WB	79	10	87.8			87.8	17	26	87.8	188	
	25	EB	8	10	8.9	8.9			17			46	
	26	EB	6	10	6.7	6.7			17			42	
	27	EB	6	10	6.7	6.7			17			42	
	28	WB	6	10	6.7	6.7			17			42	
	29	EB	6	10	6.7	6.7			17			42	
	30	WB	6	10	6.7	6.7			17			42	
1.1	31	WB	54	5	30.0			30.0	8	17	30.0	123	
	32	EB	6	10	6.7	6.7			17			42	
	33	WB	6	10	6.7	6.7			17			42	
	34	WB	45	5	25.0			25.0	8	14	25.0	105	
	35	EB	6	10	6.7	6.7			17			42	
	36	WB	6	10	6.7	6.7			17			42	
	37	EB	11	10	12.2	12.2			17			52	
	38	WB	32	5	17.8		17.8		8	10	17.8	79	
	39	EB	6	10	6.7	6.7			17			42	
	40	WB	6	10	6.7	6.7			17			42	
	41	EB	6	10	6.7	6.7			17			42	
1.7	42	WB	79	11	96.6			96.6	18	26	96.6	191	
	43	EB	25	10	27.8			27.8	17	8	27.8	80	
2.2	44	WB	6	10	6.7	6.7			17			42	
	45	WB	45	10	50.0			50.0	17	14	50.0	120	
	46	EB	6	10	6.7	6.7			17			42	
	47	WB	6	10	6.7	6.7			17			42	
TOTAL						266.3	61.1	579.4	773.0	197.0	640.5	3114.0	
ANTICIPATED FAILURES (15%)						39.9	9.2	86.9	116	30	96.1	467	
TOTAL						307	71	667	889	227	737	3581	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PATCHING SCHEDULE OF QUANTITIES
FOREST BLVD.**

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-3	ST CLAIR	14	7
CONTRACT NO. 76V07				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE - IL 157

PATCH			LENGH FOOT	WIDTH FOOT	PAINT PAVEMENT MARKING			TEMPORARY PAVEMENT MARKING		RAISED REFLECTIVE PAVEMENT MARKERS			NOTES
MISTA	NUMBER	LANE			YELLOW LINE 4-INCH FOOT	WHITE LINE 4-INCH FOOT	LETTERS & SYMBOLS SQ FOOT	PAINT 4-INCH FOOT	PAINT LETTERS & SYMBOLS SQ FOOT	REMOVAL EACH	TWO-WAY AMBER EACH	ONE-WAY CRYSTAL EACH	
0.95	1	NB	178	12	178	178	24	356	24	8	4	4	INTERSECTION CASEYVILLE RD - DETECTOR LOOP REPLACEMENT
3.0	2	SB DL	29	12		29	24	29	24	3		3	BUNKUM RD
	3	SB LT TRN	27	12	27	27	48	54	48	3		3	DETECTOR LOOP REPLACEMENT
	4	SB DL	27	12	27	27		54					
	5	SB PL	27	12	27	10		37					
	6	SB DL	26	12		26		26					
	7	SB DL	41	12		41		41					
	8	SB DL	8	12		8		8					
	9	SB DL	20	12		20		20					
3.3	10	NB LT TN	89	12	89	89	48	178	48	5		5	SASAK PL LOOP DETECTORS REPLACEMENT
3.4	11	NB LT TN	45	12	45	45	48	90	48	3		3	SASAK PL LOOP DETECTORS REPLACEMENT
5.6	12	SB DL	11	12		11		11					
	13	NB DL	50	12		50		50					
5.7	14	NB DL	39	12		39		39					
	15	SB DL	25	12		25		25					
5.8	16	SB DL	18	12		18		18					
	17	NB DL	31	12		31		31					
	18	SB PL	17	12	17	10		27					
	19	SB PL	16	12	16	10		26					
5.9	20	NB DL	35	12		35		35					
	21	NB DL	10	12		10		10					
6.0	22	SB DL	18	12		18		18					
	23	SR DL	12	12		12		12					
6.1	24	NB DL	19	12		19		19					
	25	NB DL	25	12		25		25					
	26	NB DL	38	12		38		38					
6.4	27	SB DL	6	12		6		6					
	28	NB DL	36	12		36		36					
	29	NB DL	43	12		43		43					
6.5	30	SB DL	18	12		18		18					
	31	SB DL	6	12		6		6					
	32	SB DL	6	12		6		6					
6.6	33	NB DL	23	12		23		23					
	34	NB PL	23	12	23	10		33					
	35	NB LT TN	6	12	6	6		12					
7.6	36	SB/15 RAMP	50	12	50	50		100					IL 15 RAMP
7.9	37	SB	80	12	80	80		160					
	38	SB	26	12	26	26		52					
	39	SB	45	12	45	45		90					
8.0	40	SB	35	12	35	35		70					
	41	SB	19	12	19	19		38					
	42	SB	47	12	47	47		94					
8.1	43	SB	34	12	34	34		68					
	44	SB	47	12	47	47		94					
	45	SB	16	12	16	16		32					
	46	SB	27	12	27	27		54					
	47	SB	6	12	6	6		12					
8.2	48	SB	43	12	43	43		86					
	49	SB	30	12	30	30		60					
	50	SB	15	12	15	15		30					
8.3	51	SB	43	12	43	43		86					
	52	SB	28	12	28	28		56					
	53	NB	6	12	6	6		12					
TOTAL					1052	1602	192	2654	192	22	4	18	
ANTICIPATED FAILURES (15%)					157.8	240.3	28.8	399	29	3	0	3	
TOTAL					1210	1843	221	3053	221	25	4	21	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SCHEDULE OF QUANTITIES
IL 157

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-3	ST CLAIR	14	8
CONTRACT NO. 76V07				
ILLINOIS FED. AID PROJECT				

DISTRICT 8 PAVEMENT PATCHING 2026-3

PAVEMENT MARKING SCHEDULE - FOREST BLVD.

PATCH			LENGH FOOT	WIDTH FOOT	PAINT PAVEMENT MARKING			TEMPORARY PAVEMENT MARKING		RAISED REFLECTIVE PAVEMENT MARKERS			NOTES
					YELLOW LINE 4-INCH FOOT	WHITE LINE 4-INCH FOOT	LETTERS & SYMBOLS SQ FOOT	PAINT 4-INCH FOOT	PAINT LETTERS & SYMBOLS SQ FOOT	REMOVAL EACH	TWO-WAY AMBER EACH	ONE-WAY CRYSTAL EACH	
MI STA	NUMBER	LANE											
0.0	1	WB	6	10	6	6		12					MI STA 0 AT IL 157
	2	EB	6	10		6		6					
	3	WB	10	10	10	10		20		1	1		
	4	EB	18	10		18		18					
	5	WB	6	10	6	6		12					
	6	EB	6	10		6		6					
	7	EB	6	10		6		6					
0.2	8	WB	9	10	9	9		18		1	1		
	9	EB	9	10		9		9					
0.3	10	EB	6	10		6		6		1	1		
	11	EB	21	10		21		21					
	12	WB	8	10	8	8		16					
	13	EB	8	10		8		8					
	14	WB	6	10	6	6		12					
	15	WB	12	10	10	12		22					
0.7	16	WB	31	10	10	31		41		1	1		
	17	EB	13	10		13		13					
	18	WB	6	10	6	6		12					
0.8	19	WB	77	10	20	77		97		1	1		
0.9	20	WB	63	10	10	63		73		1	1		
	21	EB	7	10		7		7					
	22	EB	6	10		6		6					
	23	EB	65	10		65		65					
	24	WB	79	10	20	79		99					
	25	EB	8	10		8		8		1	1		
	26	EB	6	10		6		6					
	27	EB	6	10		6		6					
	28	WB	6	10	6	6		12					
	29	EB	6	10		6		6					
	30	WB	6	10	6	6		12					
1.1	31	WB	54	5	20	54		74		1	1		
	32	EB	6	10	6	6		12					
	33	WB	6	10		6		6					
	34	WB	45	5		45		45					
	35	EB	6	10	6	6		12					
	36	WB	6	10		6		6					
	37	EB	11	10	11	11		22					
	38	WB	32	5		32		32					
	39	EB	6	10	6	6		12					
	40	WB	6	10		6		6					
	41	EB	6	10	6	6		12		1	1		
1.7	42	WB	79	11		79		79					
	43	EB	25	10	25	25		50					
2.2	44	WB	6	10		6		6					
	45	WB	45	10		45		45					
	46	FR	6	10	6	6		12		1	1		
	47	WB	6	10		6		6					
TOTAL					219	873	0	1092	0	10	10	0	
ANTICIPATED FAILURES (15%)					32.9	131.0	0.0	164	0	2	2	0	
TOTAL					252	1004	0	1256	0	12	12	0	

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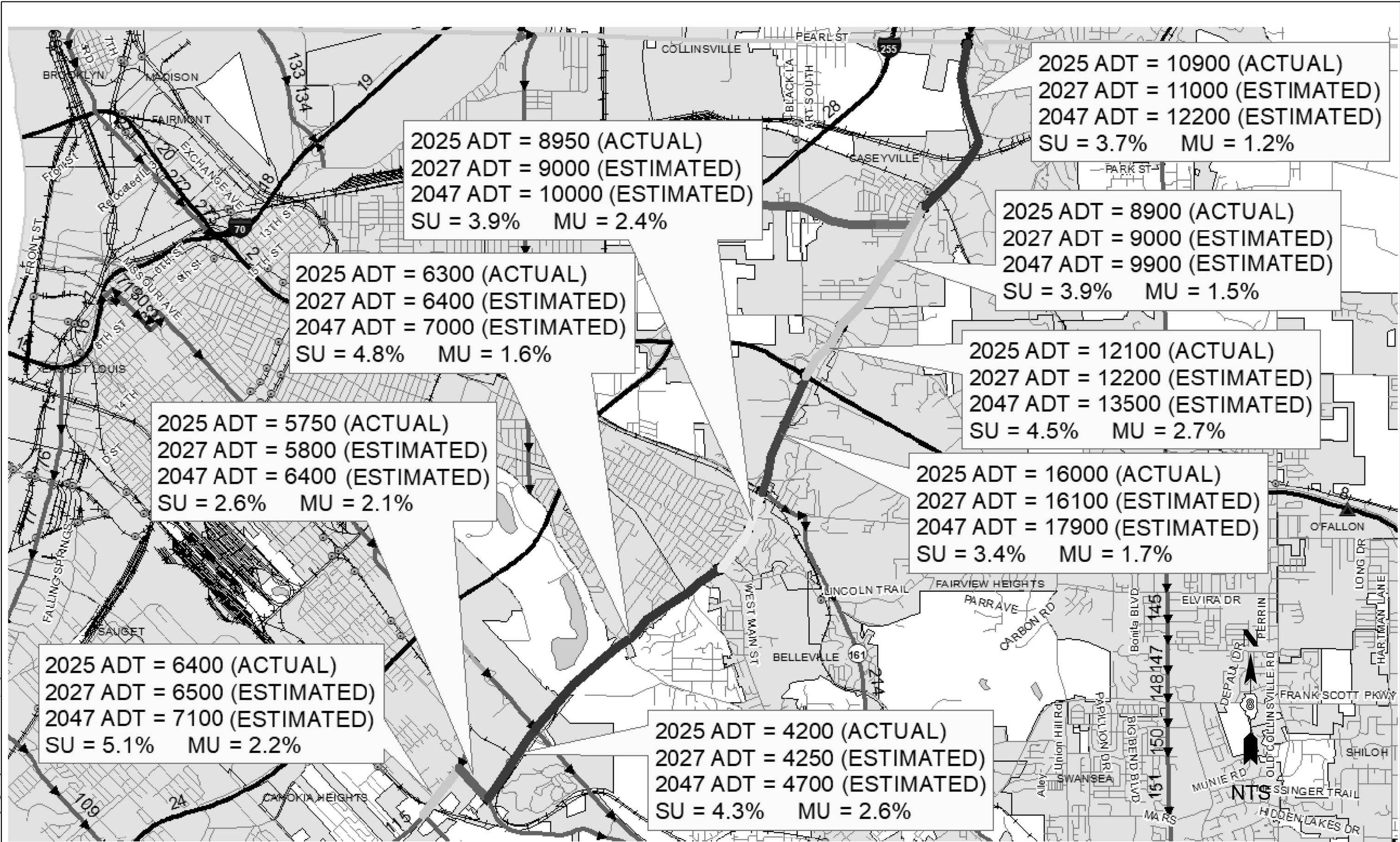
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SCHEDULE OF QUANTITIES
FOREST BLVD.

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-3	ST CLAIR	14	9
CONTRACT NO. 76V07				
ILLINOIS FED. AID PROJECT				

DISTRICT 8 PAVEMENT PATCHING 2026-3



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PLOT DATE	= 2/4/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADT DETAILS IL 157

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

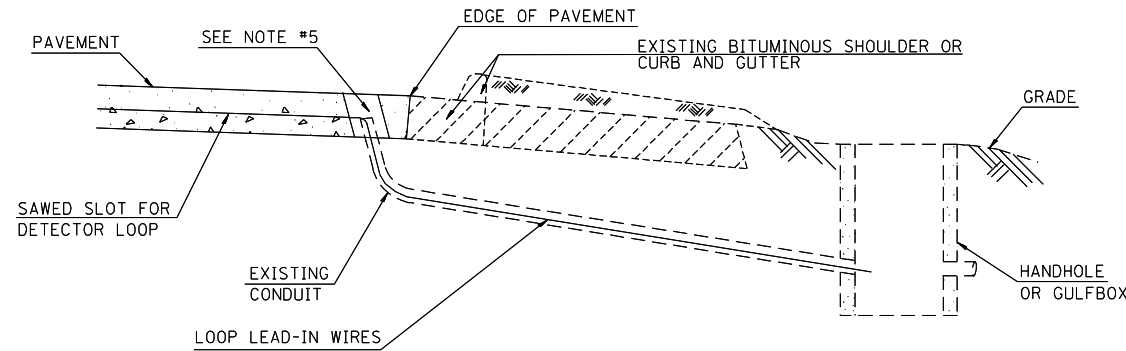
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-3	ST CLAIR	14	10
CONTRACT NO. 76V07				

ILLINOIS FED. AID PROJECT
 DISTRICT 8 PAVEMENT PATCHING 2026-3

NOTES:

SEE TABLE "DETECTOR LOOP REQUIREMENTS AND CALCULATIONS"
FOR LOOP SIZE AND CALCULATED NUMBER OF TURNS.
SEE "DETAIL A" FOR INSTALLING DETECTOR LOOP WIRES
IN EXISTING CONDUITS.

SCHEDULE OF QUANTITIES IL 157			
MI STA LOCATION	ITEM		NOTES
	LOCATING UNDERGROUND CABLE	DETECTOR LOOP REPLACEMENT	
	FOOT	FOOT	
0.95	100	600	CASEYVILLE RD.
3.0	100	600	BUNKUM RD.
3.3	200	1200	SASAK PL.
3.4	200	1200	SASAK PL.
TOTAL	600	3600	



DETAIL A
(NO SCALE)

INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUIT

1. DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
2. REMOVE EXISTING DETECTOR LOOP WIRES TO HANDHOLE OR GULFBOX.
3. INSTALL NEW LOOP LEAD-IN WIRES IN EXISTING CONDUIT.
4. SPLICE NEW DETECTOR LOOP WIRES TO EXISTING LOOP LEAD-IN CABLE IN HANDHOLE OR GULFBOX.
5. FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.
6. LOCATING UNDERGROUND CABLE WILL BE PAID FOR SEPARATELY.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT"

DETECTOR LOOP REPLACEMENT LEGEND

- ☐ EX. HANDHOLE
- ⋯ EX. DETECTOR LOOP
- ⊠ EX. TRAFFIC SIGNAL CONTROLLER
- - - EXISTING CONDUIT
- ▭ PROPOSED DETECTOR LOOP

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRICAL

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2026-3	ST CLAIR	14	11
CONTRACT NO. 76V07				
ILLINOIS FED. AID PROJECT				

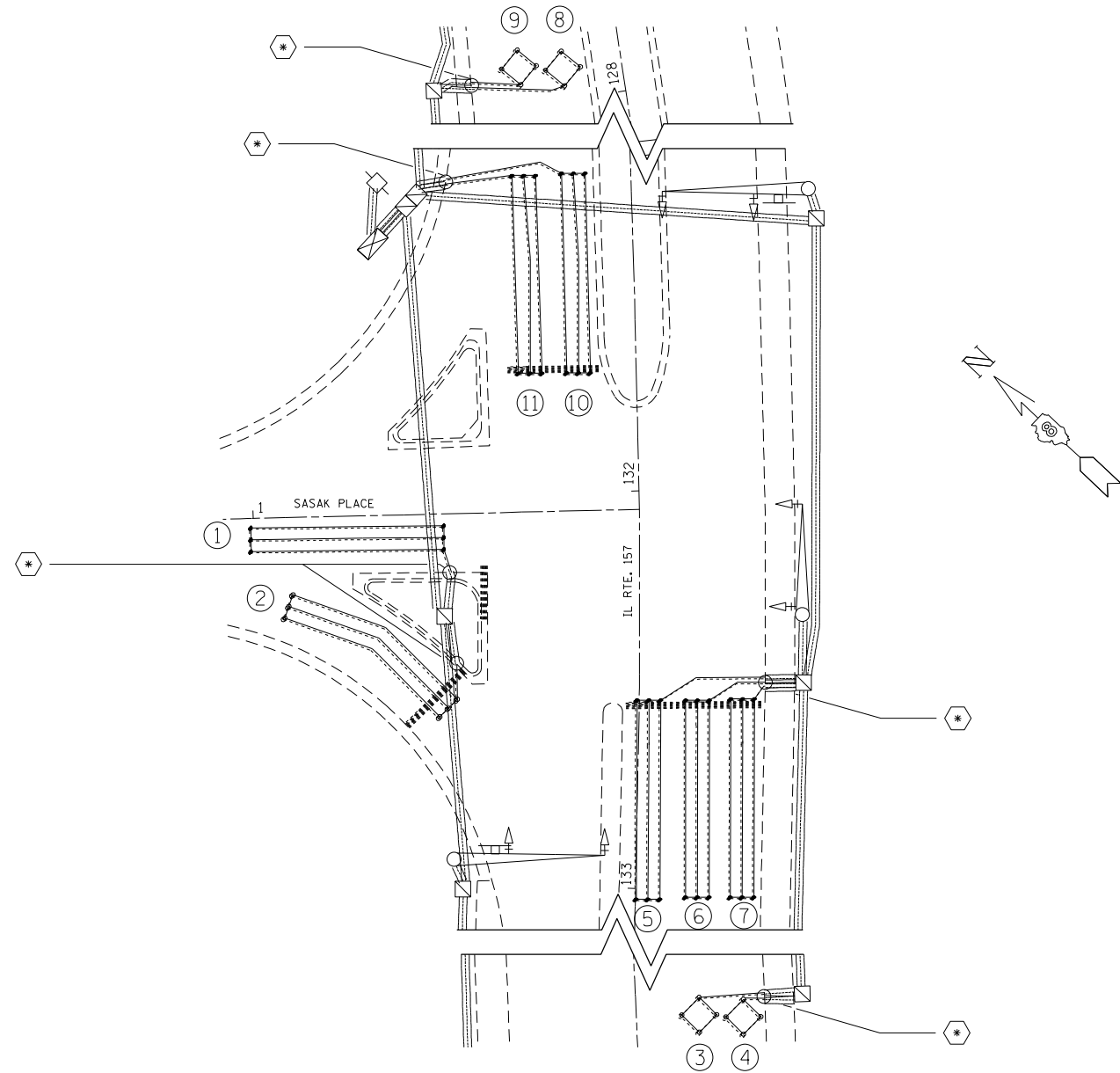
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS

LOOP#	PHASE # (●)	LOOP SIZE (FT. x FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1. EBLT CD	3	6' x 50'(Q)	3-6-3	787	1.6
2. EB RT CD	3	6' x 50'(Q)	3-6-3	788	1.6
3. NB CCO	6	6' x 6'	6	259	0.4
4. NB CCO	6	6' x 6'	6	256	0.4
5. NBLT CD	1	6' x 50'(Q)	3-6-3	792	1.7
6. NB THRU CD	6	6' x 50'(Q)	3-6-3	790	1.7
7. NB THRU CD	6	6' x 50'(Q)	3-6-3	787	1.6
8. SB CCO	2	6' x 6'	6	260	0.5
9. SB CCO	2	6' x 6'	6	258	0.4
10. SB THRU CD	2	6' x 50'(Q)	3-6-3	793	1.7
11. SB THRU CD	2	6' x 50'(Q)	3-6-3	790	1.7

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

* =SEE DETAIL "A"



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRICAL

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2026-3	ST CLAIR	14	12
CONTRACT NO. 76V07				
ILLINOIS FED. AID PROJECT				

DISTRICT 8 PAVEMENT PATCHING 2026-3

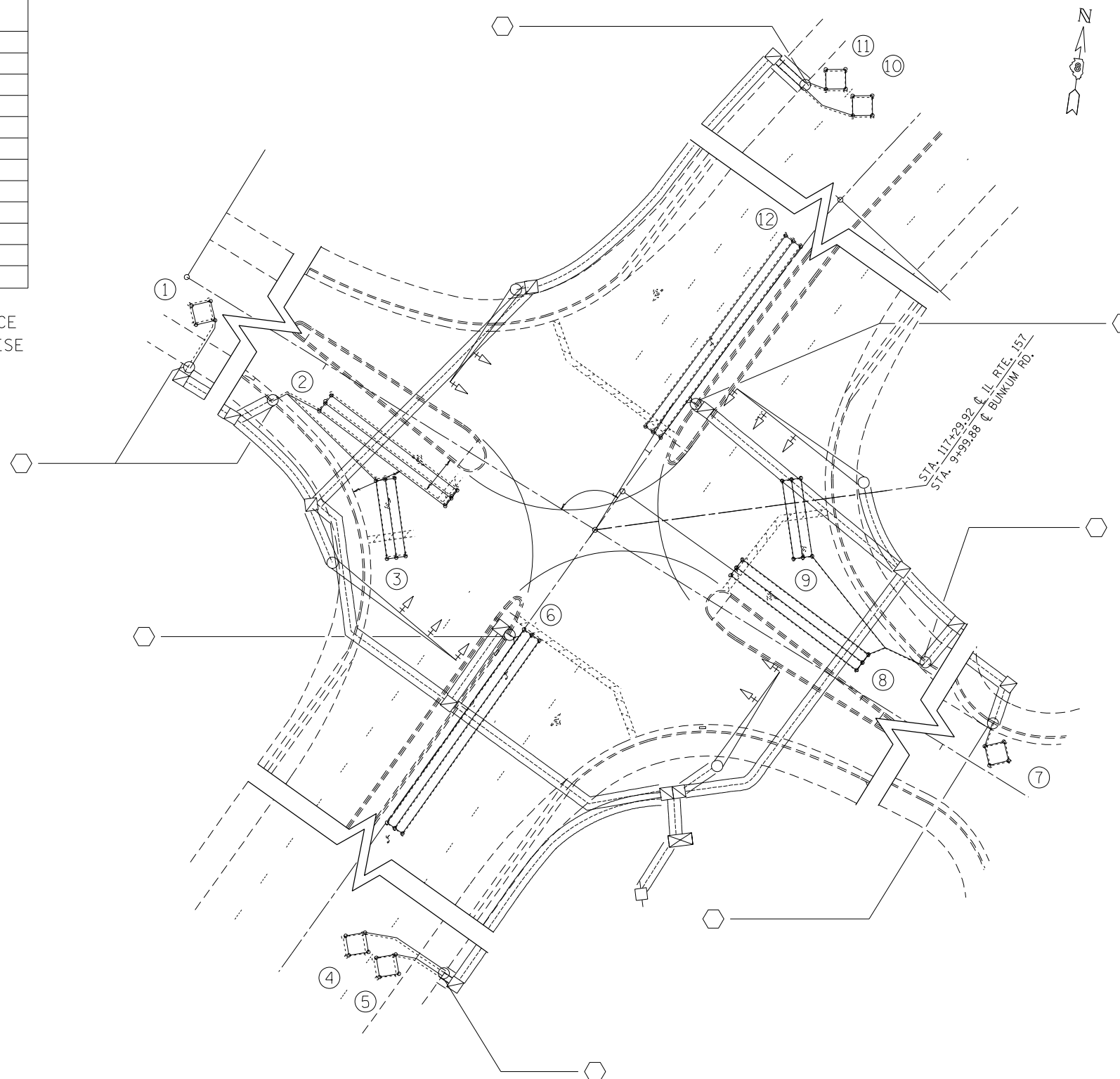
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS

LOOP#	PHASE # (●)			INDUC- MICROHENRIES (μH)	(Ω)
1. EB CCO	4	6' x 6'	6	259	0.4
2. EB THRU CD	4	6' x 50'(Q)	3-6-3	790	1.7
3. EBRT CD	4	6' x 25'(Q)	3-6-3	796	1.8
4. NB CCO	2	6' x 6'	6	261	0.5
5. NB CCO	2	6' x 6'	6	259	0.4
6. NBLT CD	5	6' x 75'(Q)	3-6-3	786	1.6
7. WB CCO	8	6' x 6'	6	257	0.4
8. WB THRU LT CD	8	6' x 50'(Q)	3-6-3	790	1.7
9. WBRT CD	8	6' x 25'(Q)	3-6-3	797	1.9
10. SB CCO	6	6' x 6'	6	259	0.5
11. SB CCO	6	6' x 6'	6	256	0.4
12. SBLT CD	1	6' x 75'(Q)	3-6-3	786	1.6

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

* =SEE DETAIL "A"



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRICAL

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-3	ST CLAIR	14	13
CONTRACT NO. 76V07				
ILLINOIS FED. AID PROJECT				

DISTRICT 8 PAVEMENT PATCHING 2026-3

