

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-2)RS-3,6-23RS-2,54-2RS-3	ST. CLAIR	15	1
		ILLINOIS	CONTRACT NO. 76T29	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED
HIGHWAY PLANS

FAP ROUTE 582 (IL 111)
SECTION (6-2)RS-3,6-23RS-2,54-2RS-3
RESURFACING
ST. CLAIR COUNTY

TRAFFIC DATA

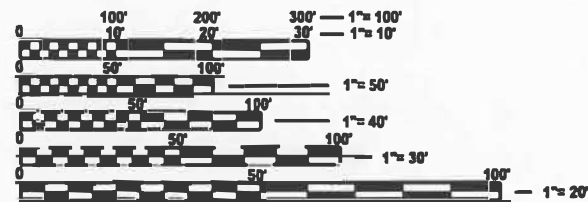
2021 ADT = 3050 (ACTUAL)
2024 ADT = 3100 (ESTIMATED)
2044 ADT = 3400 (ESTIMATED)
SU = 3.9% MU = 2.3%

C-98-104-23



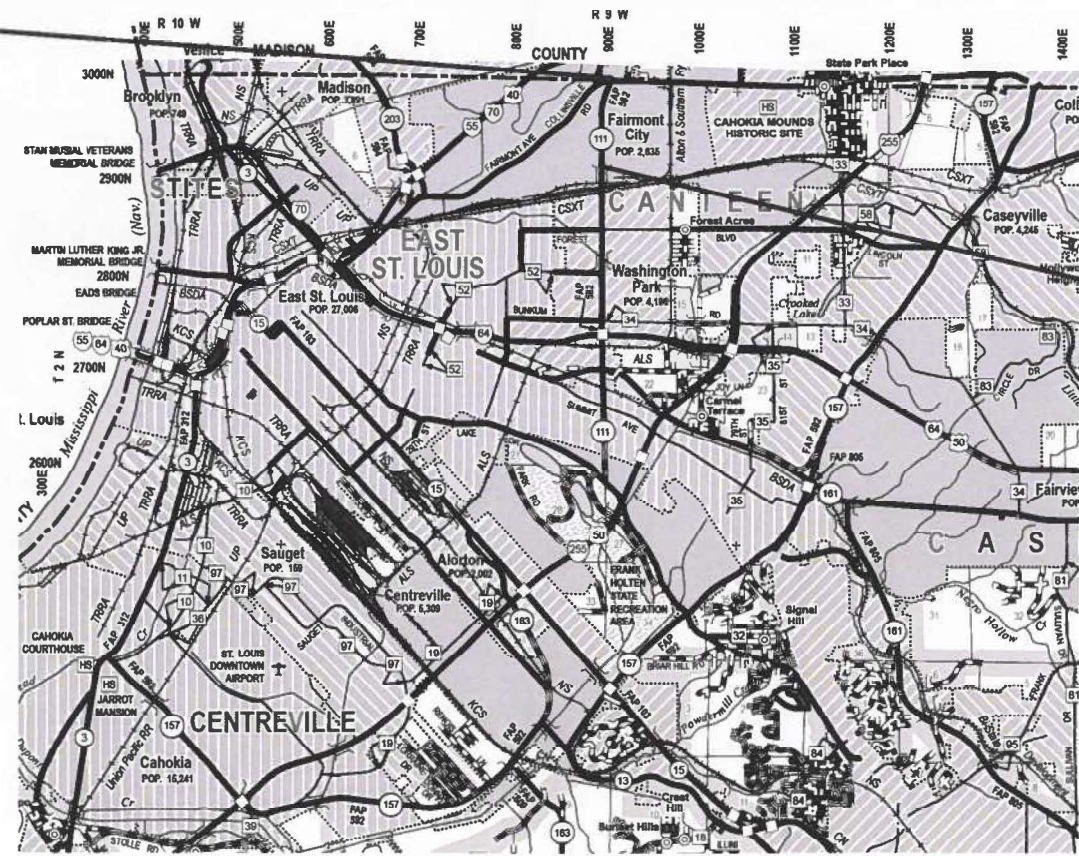
END PROJECT STA. 201+66.33
LAT. 38.66021
LONG. -90.09144

BEGIN PROJECT STA. 149+24.15
LAT. 38.64531
LONG. -90.09312



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

GROSS LENGTH = 5242.18 FT. = 0.99 MILE
NET LENGTH = 5242.18 FT. = 0.99 MILE

CONTRACT NO. 76T29

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 26, 2024
Scott H. Brown
REGIONAL ENGINEER

March 22, 2024
Scott A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

March 22, 2024
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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- 2 HIGHWAY STANDARDS, GENERAL NOTES, & COMMITMENTS
- 3 SUMMARY OF QUANTITIES
- 4,5 TYPICAL SECTIONS
- 6,7 SCHEDULE OF QUANTITIES
- 8-11 PAVEMENT MARKING SHEETS
- 12-14 DETECTOR LOOPS
- 15 DETAILS

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 420001-10 PAVEMENT JOINTS
- 442201-03 CLASS C AND D PATCHES
- 701011-04 OFF ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
- 701301-04 LANE CLOSURE, 2L, 2W SHORT TERM OPERATIONS LANE
- 701311-03 CLOSURE, 2L, 2W MOVING OPERATIONS DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-09 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATION OF RRP
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUT FOR DETECTOR LOOPS

GENERAL NOTES

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

	ABOVE GROUND	BELOW GROUND
AMEREN ILLINOIS	X	X
AT&T ILLINOIS	X	X
ILINOIS AMERICAN WATER CO.		X
CHARTER COMMUNICATIONS, INC.	X	X
VERIZON BUSINESS	X	X

- 2. 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.
- 3. NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
- 4. THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL TIMES.
- 5. THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.
- 6. FOUR CHANGEABLE MESSAGE SIGNS SHALL BE PROVIDED FOR THIS CONTRACT. THEY SHALL BE PLACED TWO WEEKS PRIOR TO ANY LANE CLOSURE. THE EXACT LOCATIONS SHALL BE DETERMINED BY 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.

7. NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.

8. THE USE OF VIBRATORY ROLLERS WILL NOT BE PERMITTED WITHIN THE CITY LIMITS FOR THIS PROJECT. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE CONSTRUCTION OF THE BITUMINOUS PAVEMENTS AS SPECIFIED IN SECTIONS 406 & 407 OF THE STANDARD SPECIFICATIONS

9. THE INTENT OF THE MILLING IS TO REMOVE THE HMA RESURFACING ONLY. THE UNDERLYING CONCRETE SHALL NOT BE DISTURBED.

10. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SURFACE	SHOULDER (surface)
AC/PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=30
MIX COMPOSITION (Gradation)	IL 9.5	IL 9.5L
FRICTION AGG	MIXTURE "C"	
QUALITY MGMT PROGRAM	QCP	QC/QA
MatTranDev Required?	yes	no

11. THE TEMPORARY RAMPS USED ON ALL SIDE STREETS AND ENTRANCES SHALL BE 3 FEET IN LENGTH AS NOT TO INTERFERE WITH THE THRU TRAFFIC LANES.

COMMITMENTS

NONE

REV. - MS

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PLOT DATE = 1/24/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STANDARDS,
GENERAL NOTES, & COMMITMENTS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-2)RS-3,6-23RS-2,54-2RS-3	ST. CLAIR	15	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76T29	

100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				ROADWAY 0005	URBAN
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	8953	8953	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	9692	9692	
40600990	TEMPORARY RAMP	SQ YD	355	355	
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	1314	1314	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	18717	18717	
44201389	CLASS C PATCHES, TYPE II, 13 INCH	SQ YD	131	131	
44201394	CLASS C PATCHES, TYPE III, 13 INCH	SQ YD	81	81	
44201396	CLASS C PATCHES, TYPE IV, 13 INCH	SQ YD	132	132	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	169	169	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	362	362	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	56	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1202	1202	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	324	324	

100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				ROADWAY 0005	URBAN
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	62	62	
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	20181	20181	
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	682	682	
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	115	115	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	62	62	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	20181	20181	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	682	682	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	115	115	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	122	122	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	122	122	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	7701	7701	
* X8860105	DETECTOR LOOP REPLACEMENT	FOOT	1164	1164	
Z0034105	MATERIAL TRANSFER DEVICE	TON	1314	1314	

* SPECIALTY ITEM

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REV. - MS

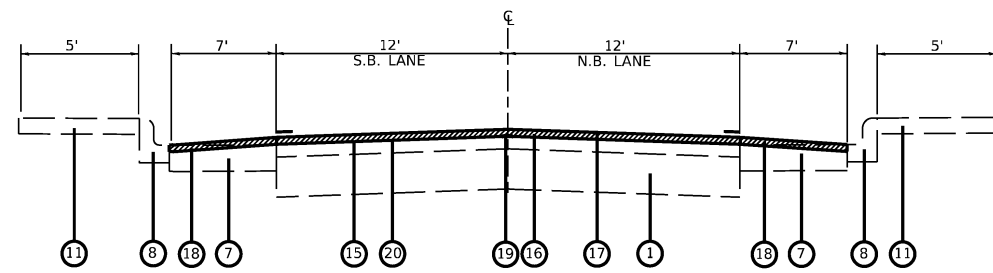
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

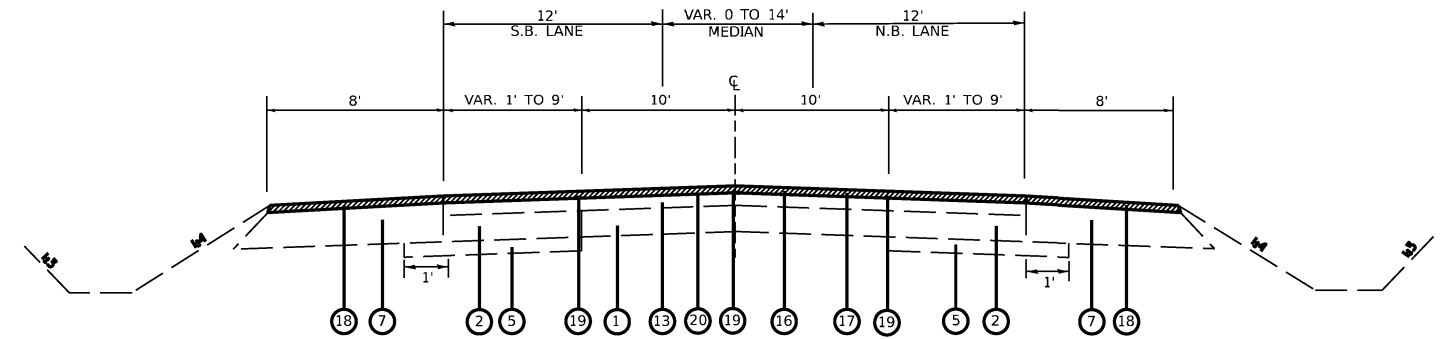
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-2)RS-3,6-23RS-2,54-ZRS-3	ST. CLAIR	15	3
CONTRACT NO. 76T29				
ILLINOIS FED. AID PROJECT				



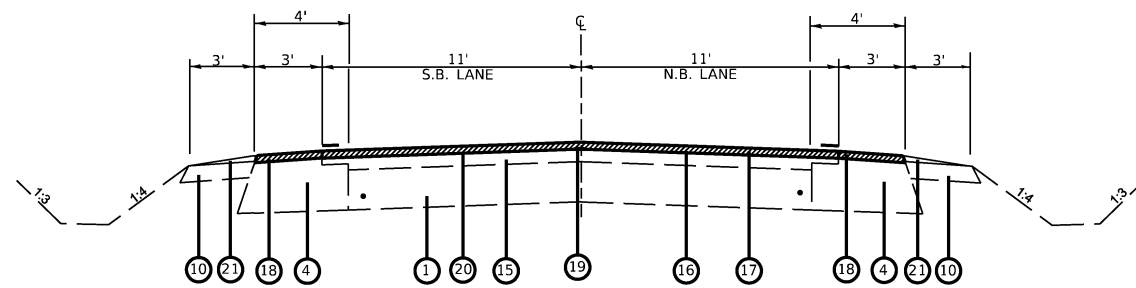
TYPICAL SECTION

STA. 149+24.15 TO STA. 152+55.91 LT
 STA. 149+24.15 TO STA. 153+70.74 RT



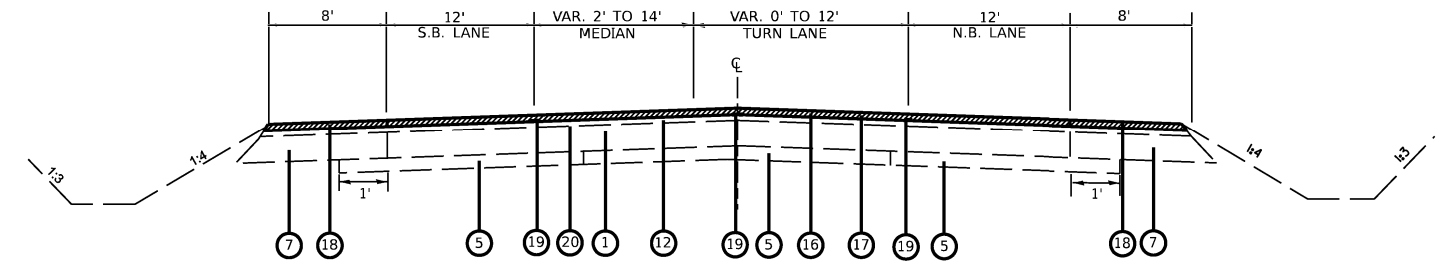
TYPICAL SECTION

STA. 166+92.21 TO STA. 170+11.16
 STA. 176+87.00 TO STA. 180+67.59



TYPICAL SECTION

STA. 152+55.91 TO STA. 166+92.9 LT
 STA. 153+70.74 TO STA. 166+92.91 RT



TYPICAL SECTION

STA. 170+11.16 TO STA. 176+87.01

LEGEND

- ① EXISTING CONCRETE PAVEMENT - 9"
- ② EXISTING P.C.C. BASE COURSE - 9"
- ③ EXISTING CONCRETE PAVEMENT (9-6-9)
- ④ EXISTING BITUMINOUS BASE COURSE WIDENING - 9"
- ⑤ EXISTING SUB-BASE GRANULAR MATERIAL
- ⑥ EXISTING GRANULAR EMBANKMENT
- ⑦ EXISTING BITUMINOUS SHOULDER
- ⑧ EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B 6.12
- ⑨ EXISTING CONCRETE PATCH
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING SIDEWALK
- ⑫ EXISTING HMA RESURFACING, 2 1/4"
- ⑬ EXISTING HMA RESURFACING, 4"
- ⑭ EXISTING HMA RESURFACING, 5"
- ⑮ EXISTING HMA RESURFACING, 6"
- ⑯ PROPOSED HMA SURFACE REMOVAL, 1.5"
- ⑰ PROPOSED HMA SURFACE COURSE, 1.5"
- ⑱ PROPOSED HMA SHOULDERS, 1.5"
- ⑲ PROPOSED LONGITUDINAL JOINT SEALANT
- ⑳ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉑ PROPOSED AGGREGATE WEDGE, TYPE B

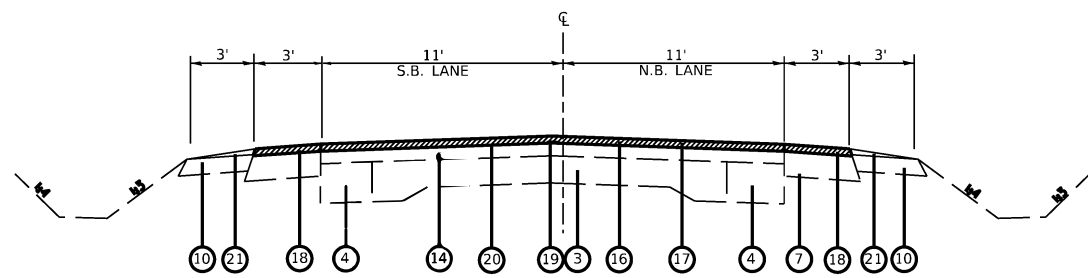
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PLOT DATE = 1/24/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

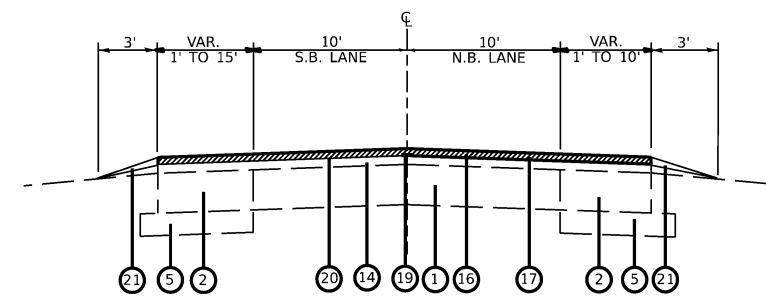
TYPICAL SECTIONS	
SCALE: 1"=50'	SHEET 1 OF 2 SHEETS
STA. + - -	TO STA. + - -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(8-2)RS-3,6-23RS-2,54-2RS-3	COUNTY	15	4
CONTRACT NO. 76T29				
ILLINOIS FED. AID PROJECT				



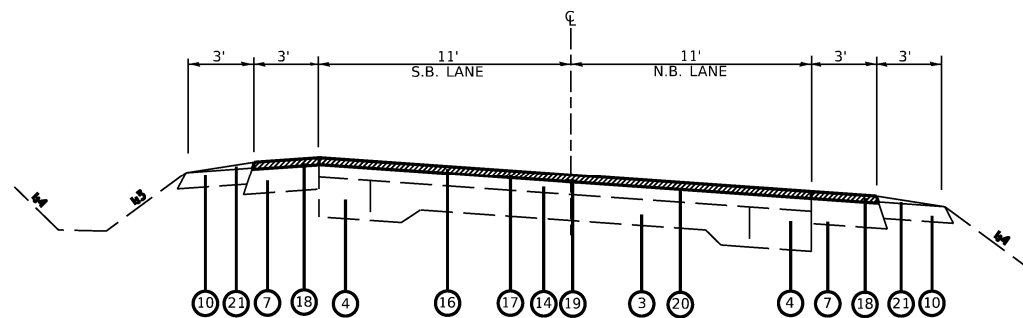
TYPICAL SECTION

STA. 180+67.00 TO STA. 181+38.15



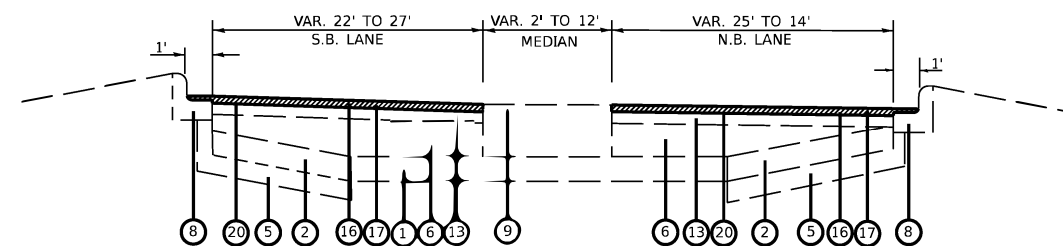
TYPICAL SECTION

STA. 195+91.70 TO STA. 199+93.44



TYPICAL SECTION

STA. 181+38.15 TO STA. 195+91.70



TYPICAL SECTION

STA. 199+93.44 TO STA. 201+66.63

LEGEND

- ① EXISTING CONCRETE PAVEMENT - 9"
- ② EXISTING P.C.C. BASE COURSE - 9"
- ③ EXISTING CONCRETE PAVEMENT (9-6-9)
- ④ EXISTING BITUMINOUS BASE COURSE WIDENING - 9"
- ⑤ EXISTING SUB-BASE GRANULAR MATERIAL
- ⑥ EXISTING GRANULAR EMBANKMENT
- ⑦ EXISTING BITUMINOUS SHOULDER
- ⑧ EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B 6.12
- ⑨ EXISTING CONCRETE PATCH
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING SIDEWALK
- ⑫ EXISTING HMA RESURFACING, 2 1/4"
- ⑬ EXISTING HMA RESURFACING, 4"
- ⑭ EXISTING HMA RESURFACING, 5"
- ⑮ EXISTING HMA RESURFACING, 6"
- ⑯ PROPOSED HMA SURFACE REMOVAL, 1.5"
- ⑰ PROPOSED HMA SURFACE COURSE, 1.5"
- ⑱ PROPOSED HMA SHOULDERS, 1.5"
- ⑲ PROPOSED LONGITUDINAL JOINT SEALANT
- ⑳ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉑ PROPOSED AGGREGATE WEDGE, TYPE B

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PLOT DATE = 1/24/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. + TO STA. +

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(8-2)RS-3,6-23RS-2,54-2RS-3	ST. CLAIR	15	5
CONTRACT NO. 78T29				
ILLINOIS FED. AID PROJECT				

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MAINLINE RESURFACING SCHEDULE							
LOCATION			SIDE	HMA SURFACE REMOVAL, 1.5"	BIT. MATLS (TACK COAT)	HMA SURFACE COURSE MIX C, N 70	LONGITUNAL JOINT SEALANT
STA.	TO	STA.					
149+24.15	TO	152+55.91	LT	442.35	199.06	37.16	165.88
149+24.15	TO	153+70.74	RT	595.45	267.95	50.02	223.30
152+55.91	TO	166+92.90	LT	1756.32	790.34	147.53	718.50
153+70.74	TO	166+92.91	RT	1615.99	727.19	135.74	661.09
166+92.90	TO	170+11.16	LT	548.11	246.65	46.04	636.52
166+92.90	TO	170+11.16	RT	548.11	246.65	46.04	636.52
170+11.16	TO	176+87.01	LT	1426.79	642.06	119.85	1351.7
170+11.16	TO	176+87.01	RT	1222.33	550.05	102.68	1158
176+87.01	TO	180+67.59	LT	909.16	294.95	55.06	761.16
176+87.01	TO	180+67.59	RT	909.16	294.95	55.06	761.16
180+67.59	TO	181+38.15	LT	133.28	38.81	7.24	35.28
180+67.59	TO	181+38.15	RT	133.28	38.81	7.24	35.28
181+38.15	TO	195+91.70	LT	2745.59	799.45	149.23	726.78
181+38.15	TO	195+91.70	RT	2745.59	799.45	149.23	726.78
195+91.70	TO	199+93.44	LT	1071.31	361.57	67.49	200.87
195+91.70	TO	199+93.44	RT	959.71	311.35	58.12	200.87
199+93.44	TO	201+66.33	LT	417.00	187.65	35.03	345.78
199+93.44	TO	201+66.33	RT	537.00	241.65	45.11	345.78
TOTAL				18717	7039	1314	9692

SHOULDER SCHEDULE							
LOCATION			SIDE	BIT. MATLS (TACK COAT)	AGGREGATE WEDGE SHOULDER, TYPE B	HOT-MIX ASPHALT SHOULDERS	TEMPORARY RAMP
STA.	TO	STA.					
149+24.15	TO	152+55.91	LT	39.12		7.30	73.33
149+24.15	TO	153+70.74	RT	89.01		16.61	17.00
152+55.91	TO	166+92.90	LT	215.55	41.91	40.24	
153+70.74	TO	166+92.91	RT	198.33	38.56	37.02	
166+92.90	TO	170+11.16	LT	83.30		15.55	36.67
166+92.90	TO	170+11.16	RT	113.30		21.15	11.67
170+11.16	TO	176+87.01	LT	270.34		50.46	
170+11.16	TO	176+87.01	RT	247.14		46.13	19.33
176+87.01	TO	180+67.59	LT	84.63		15.80	56.33
176+87.01	TO	180+67.59	RT	119.43		22.29	27.33
180+67.59	TO	181+38.15	LT	10.58	2.06	1.98	
180+67.59	TO	181+38.15	RT	10.58	2.06	1.98	
181+38.15	TO	195+91.70	LT	211.43	41.11	39.47	14.67
181+38.15	TO	195+91.70	RT	218.03	42.39	40.70	
195+91.70	TO	199+93.44	LT				30.00
195+91.70	TO	199+93.44	RT				68.67
199+93.44	TO	201+66.33	LT				
199+93.44	TO	201+66.33	RT	2.88		4.84	
TOTAL				1914	168	362	355

USER NAME = Jon.Dintelman PLOT SCALE = 0.06052693 / in. PLOT DATE = 1/24/2024	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES	F.A.P. RTE. 582	SECTION (6-2)RS-3,6-23RS-2,54-2RS-3	COUNTY ST. CLAIR	TOTAL SHEETS 15	SHEET NO. 6	CONTRACT NO. 76T29	ILLINOIS FED. AID PROJECT
SCALE:			SHEET 1	OF 2	SHEETS	STA.	TO STA.				

PAVEMENT PATCHING SCHEDULE						
LOCATION		CLASS C PAVEMENT PATCHING				
		LENGTH	WIDTH	TYPE-II	TYPE-III	TYPE-IV
MILE PT.	NB/SB/ML	FOOT	FOOT	SQ YD	SQ YD	SQ YD
0.999	SB	43	12			57.33
0.999	NB	43	12			57.33
0.990	NB	6	12	8.00		
0.990	SB	6	12	8.00		
0.985	NB	6	12	8.00		
0.985	SB	6	12	8.00		
0.900	SB	9	6	6.00		
0.800	SB	6	11	7.33		
0.600	NB	5	12	6.67		
0.550	SB	5	13	7.22		
0.550	NB	5	13	7.22		
0.550	ML	5	13	7.22		
0.400	SB	11	13		15.89	
0.400	NB	5	13	7.22		
0.400	ML	5	13	7.22		
0.350	SB	10	16		17.78	
0.350	NB	10	15		16.67	
0.300	SB	15	12		20.00	
0.100	NB	11	11	13.44		
0.020	NB	9	12	12.00		
SUB-TOTAL				114	70	115
15% FOR FUTURE FAILURES				17	11	17
GRAND TOTAL				131	81	132

PAVEMENT MARKING SCHEDULE															
LOCATION			LENGTH	THERMOPLASTIC/TEMPORARY PAVEMENT MARKING						LETTERS AND SYMBOLS	RAISED REFLECTIVE PAVEMENT MARKERS	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	PAVEMENT MARKING REMOVAL - WATER BLASTING
				6"			12"	24"	SQ FT						
				SOLID WHITE EDGE LINES	SOLID WHITE LANE LINES	SOLID YELLOW	SKIP-DASH YELLOW CENTERLINE	YELLOW CROSS HATCH							
STA.	TO	STA.	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH	FOOT	SQ FT	SQ FT	
149+24	TO	162+00	1276	2552			319				16	16	306	102	957
162+00	TO	167+12	512	1024		512	128			6	6	123		555	
167+12	TO	172+58	546	1092		2184		352		28	28	109	36	1444	
172+58	TO	173+64	106	212	115	1624		10	24	17.6	10	10	21	7	726
174+56	TO	175+57	101	202	115	404		10	24	17.6	10	10	20	7	316
175+57	TO	180+07	450	900		1800		220		22	22	108		1120	
180+07	TO	187+55	748	1496		741	187			8	8	180	60	808	
187+55	TO	193+96	641	1282			160			8	8	154	51	481	
193+96	TO	198+56	460	920		460	115			6	6	110	37	498	
198+56	TO	201+48	292	584	115	833	105	90	67	27	8	8	70	23	797
SUB TOTAL				10264	345	8558	1014	682	115	62	122	122	1202	324	7701
TOTAL					20181			682	115	62	122	122	1202	324	7701

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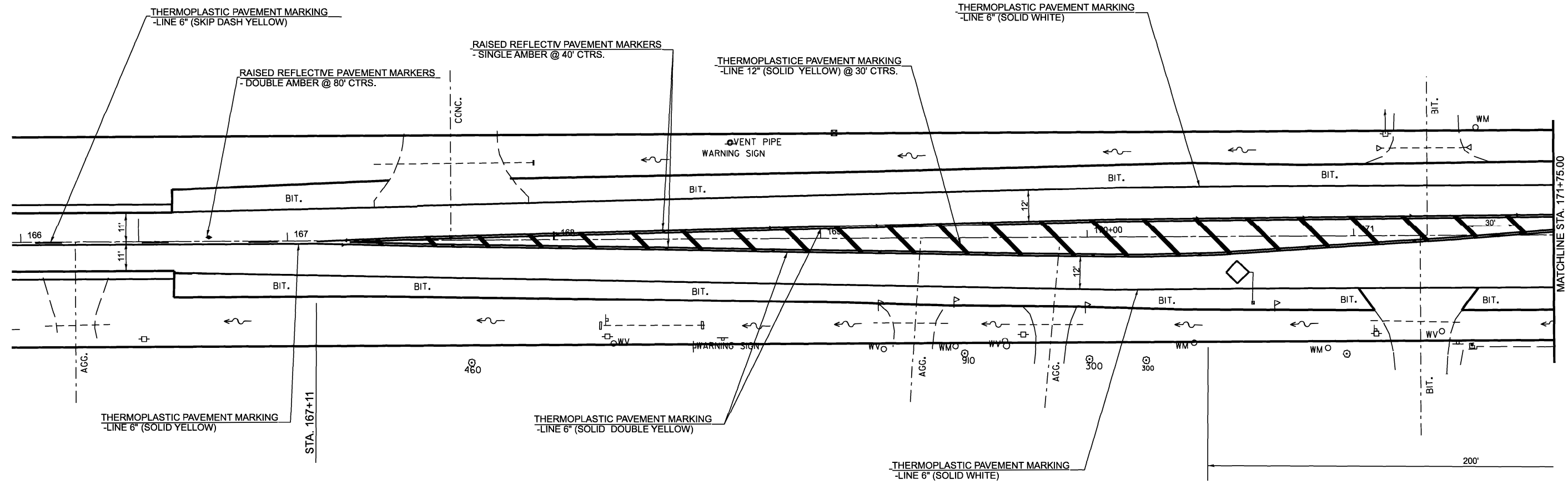
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-2)RS-3,6-23RS-2,54-2RS-3	ST. CLAIR	15	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76T29	



NOTE:
SEE HIGHWAY STANDARD 781001 FOR RAISED REFLECTIVE PAVEMENT MARKERS

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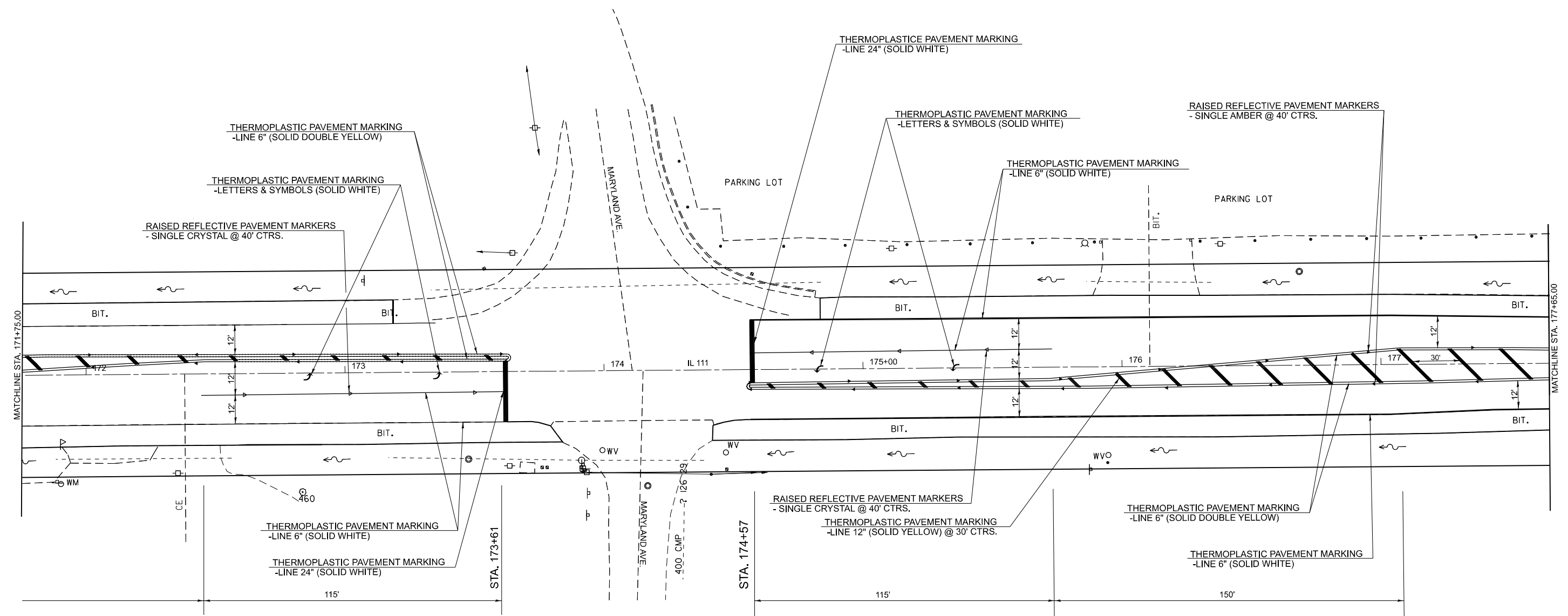
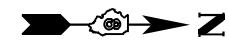
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PLOT DATE = 1/24/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-2)RS-3,6-23RS-2,54-2RS-3	ST. CLAIR	15	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76T29	



NOTE:
SEE HIGHWAY STANDARD 781001 FOR RAISED REFLECTIVE PAVEMENT MARKERS

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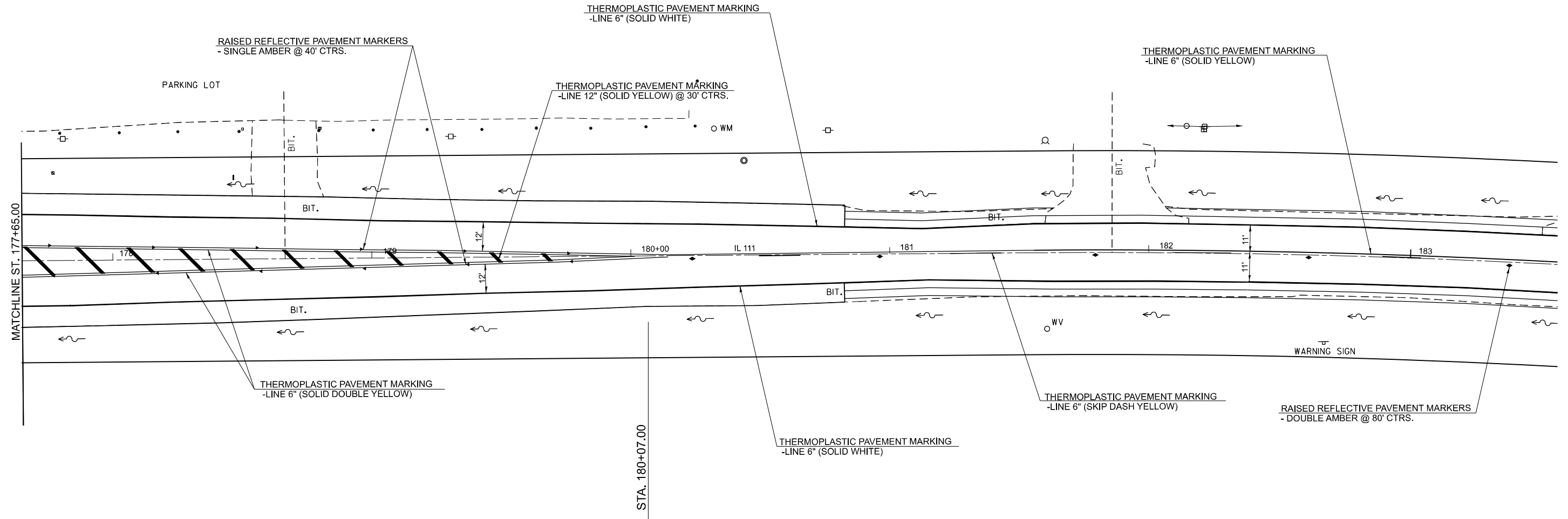
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-2)RS-3,6-23RS-2,54-2RS-3	ST. CLAIR	15	9
CONTRACT NO. 76129				
ILLINOIS FED. AID PROJECT				



NOTE:
SEE HIGHWAY STANDARD 781001 FOR RAISED REFLECTIVE PAVEMENT MARKERS

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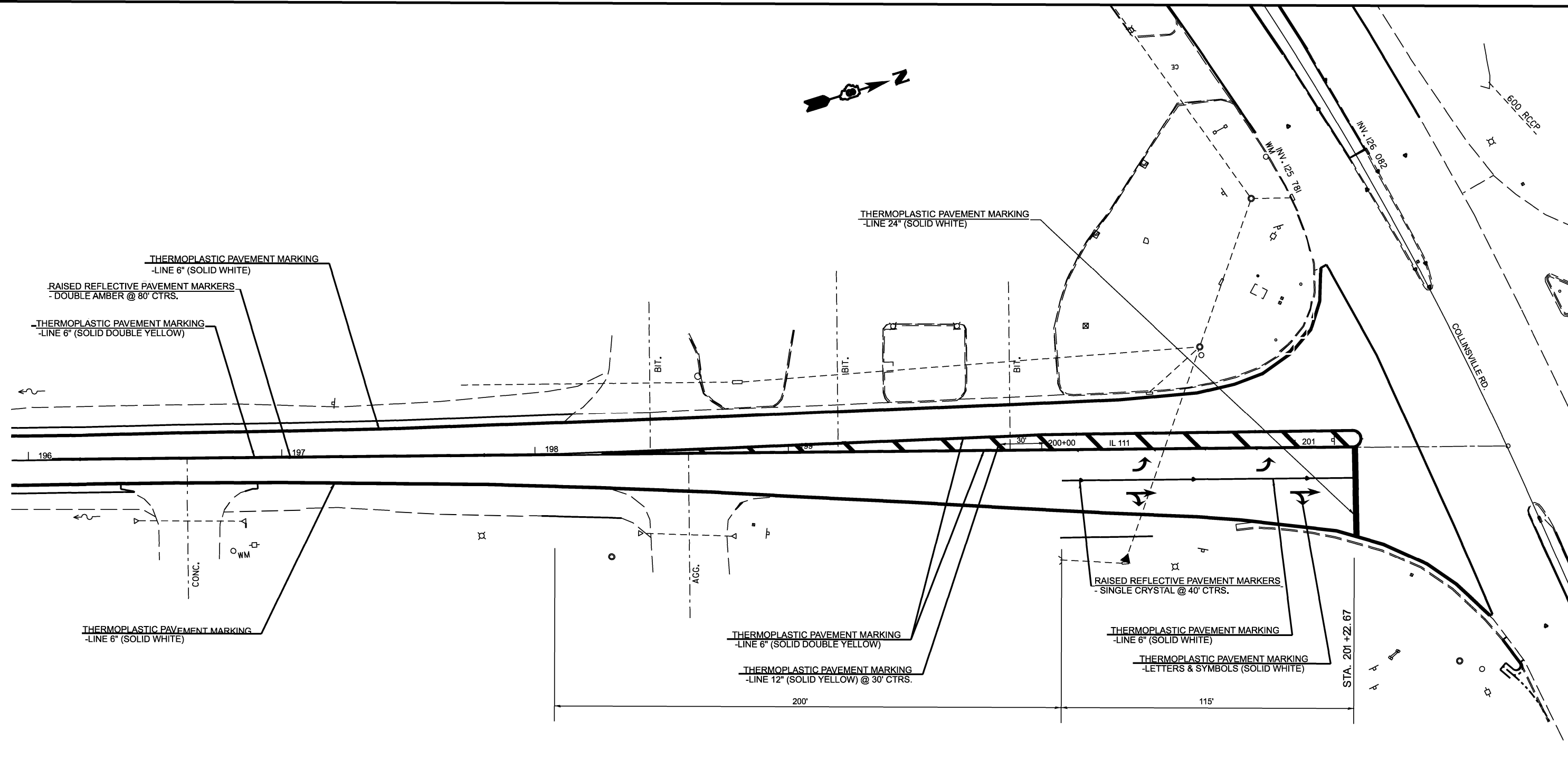
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PLOT DATE = 2/1/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEETS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-2)RS-3,6-23RS-2,54-2RS-3	ST. CLAIR	15	10
CONTRACT NO. 76T29				
ILLINOIS FED. AID PROJECT				



THERMOPLASTIC PAVEMENT MARKING
-LINE 6" (SOLID WHITE)

RAISED REFLECTIVE PAVEMENT MARKERS
-DOUBLE AMBER @ 80' CTRS.

THERMOPLASTIC PAVEMENT MARKING
-LINE 6" (SOLID DOUBLE YELLOW)

THERMOPLASTIC PAVEMENT MARKING
-LINE 24" (SOLID WHITE)

THERMOPLASTIC PAVEMENT MARKING
-LINE 6" (SOLID WHITE)

THERMOPLASTIC PAVEMENT MARKING
-LINE 6" (SOLID DOUBLE YELLOW)

THERMOPLASTIC PAVEMENT MARKING
-LINE 12" (SOLID YELLOW) @ 30' CTRS.

RAISED REFLECTIVE PAVEMENT MARKERS
-SINGLE CRYSTAL @ 40' CTRS.

THERMOPLASTIC PAVEMENT MARKING
-LINE 6" (SOLID WHITE)

THERMOPLASTIC PAVEMENT MARKING
-LETTERS & SYMBOLS (SOLID WHITE)

NOTE:
SEE HIGHWAY STANDARD 781001 FOR RAISED REFLECTIVE PAVEMENT MARKERS

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	DATE -	REVISED -

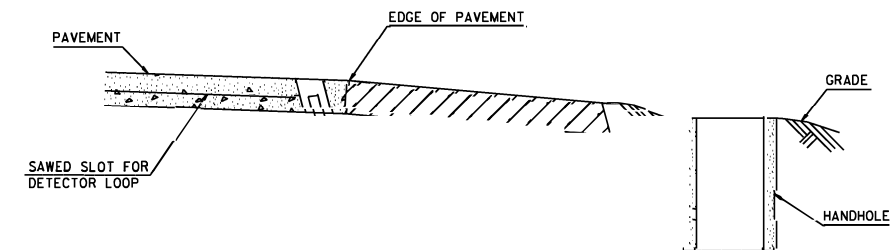
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-2)RS-3,6-23RS-2,54-2RS-3	ST. CLAIR	15	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76T29	

SCHEDULE OF QUANTITIES			TOTAL QUANTITIES	IL 111 @ MARYLAND AVE.	IL 111 @ COLLINSVILLE RD
CODE NO	ITEM	UNIT			
88666600	DETECTOR LOOP REPLACEMENT	FOOT	1164	756	408



DETAIL
(NO SCALE)
RE-USE EXISTING DETECTOR LOOP LEAD-IN CONDUIT

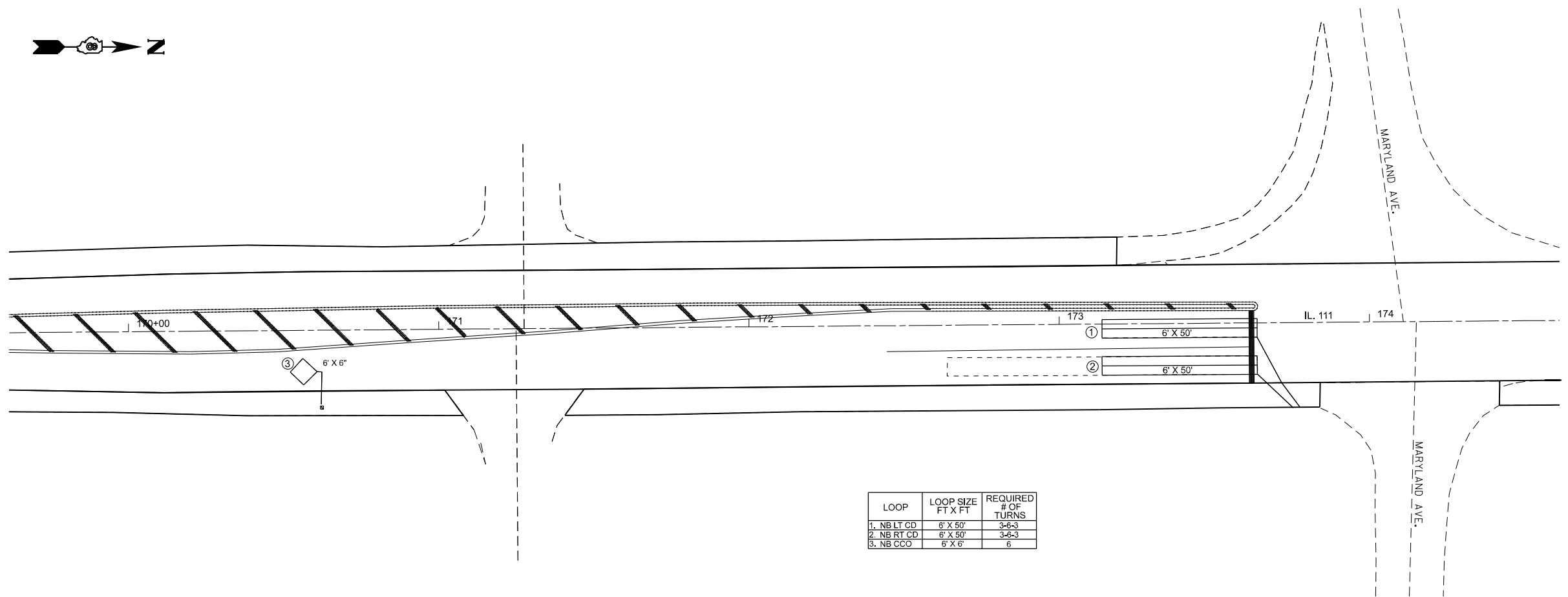
- 1 DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
- 2 REMOVE EXISTING CABLE TO HANDHOLE.
- 3 INSTALL LOOP LEAD-IN CONDUCTORS IN CONDUIT.
- 4 SPLICE NEW DETECTOR LOOP LEAD-IN CONDUCTORS TO EXISTING LEAD-IN CABLE IN HANDHOLE.
- 5 FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.

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

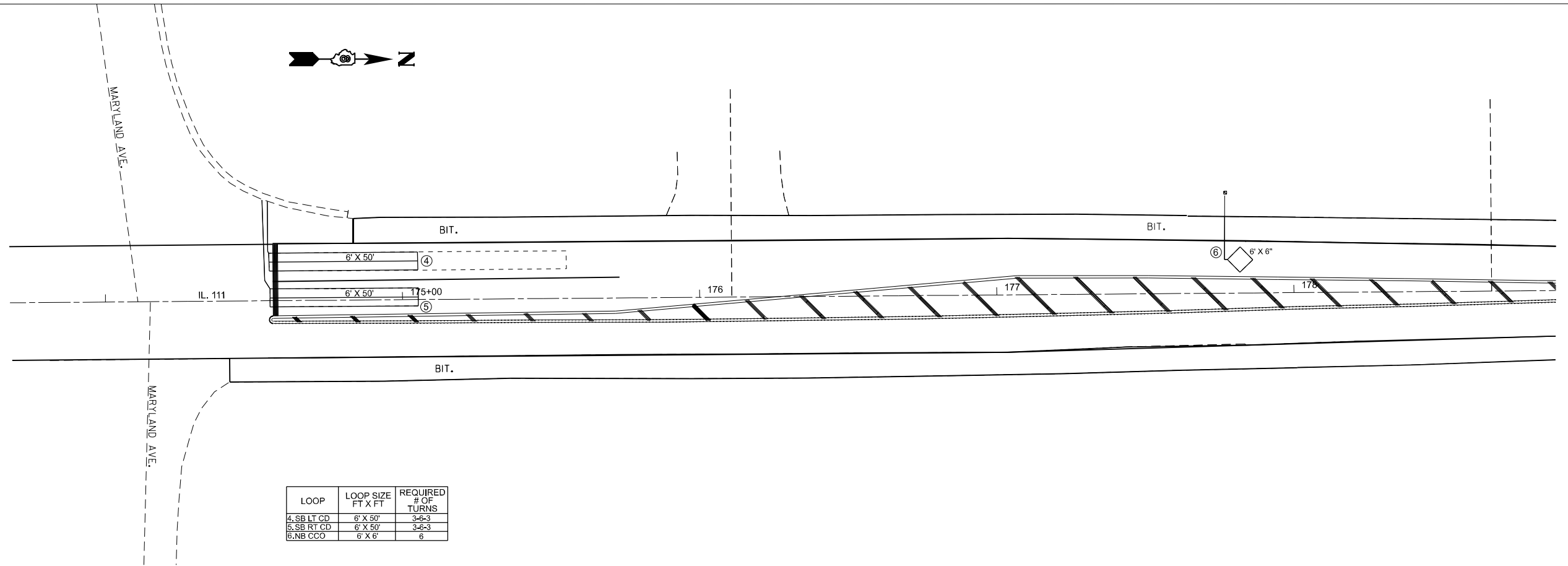
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REV-SK

USER NAME = Jon.Dintelman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 1/24/2024	CHECKED -	REVISED -			CONTRACT NO. 76T29					
	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.	



LOOP	LOOP SIZE FT X FT	REQUIRED # OF TURNS
1. NB LT CD	6' X 50'	3-6-3
2. NB RT CD	6' X 50'	3-6-3
3. NB CCO	6' X 6'	6



LOOP	LOOP SIZE FT X FT	REQUIRED # OF TURNS
4. SB LT CD	6' X 50'	3-6-3
5. SB RT CD	6' X 50'	3-6-3
6. NB CCO	6' X 6'	6

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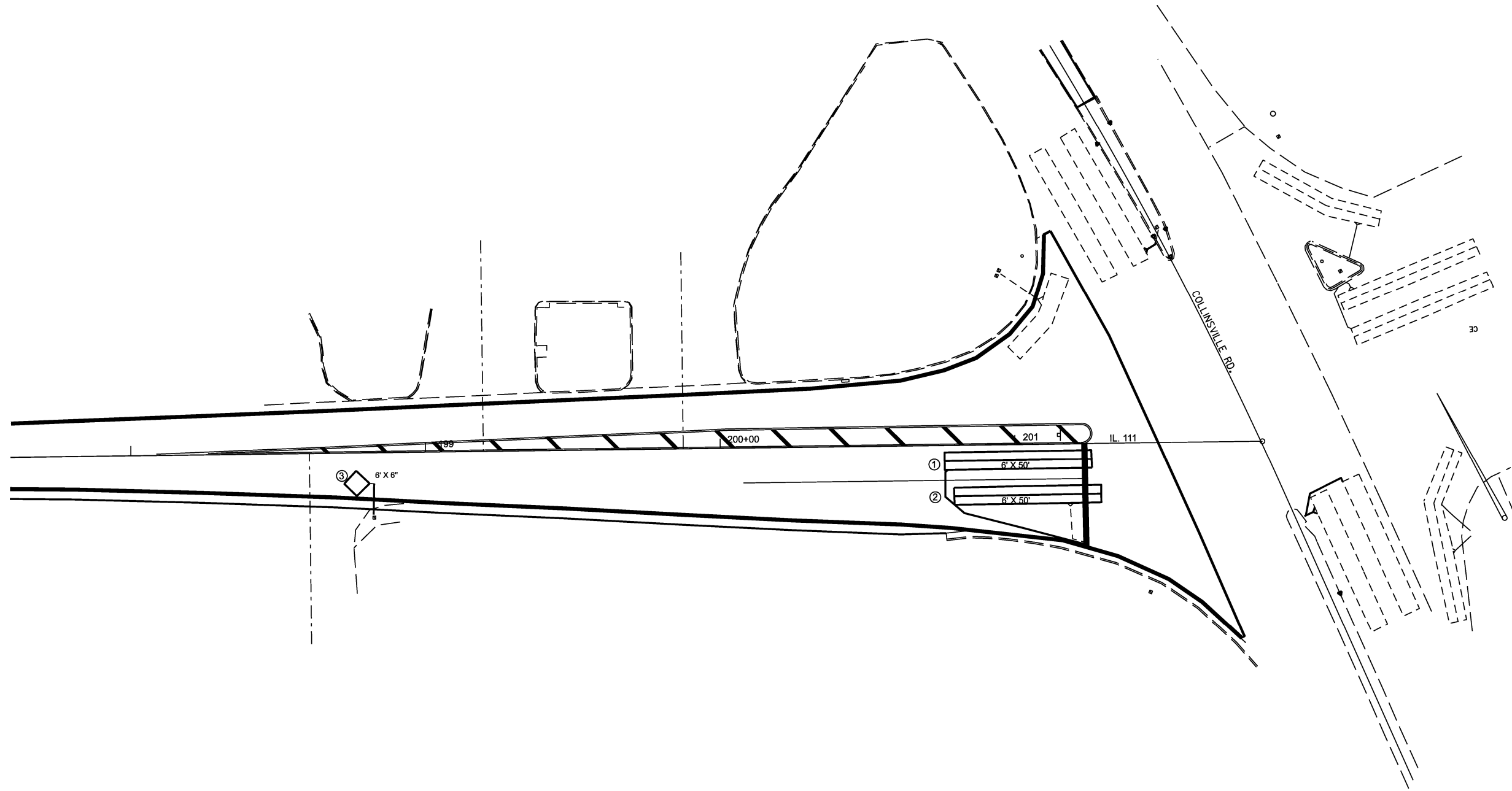
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PLOT DATE = 2/1/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-2)RS-3,6-23RS-2,54-2RS-3	ST. CLAIR	15	13
CONTRACT NO. 76T29				
ILLINOIS FED. AID PROJECT				



LOOP	LOOP SIZE FT X FT	REQUIRED # OF TURNS
1. NB LT CD	6' X 50'	3-6-3
2. NB RT CD	6' X 50'	3-6-3
3. NB CCO	6' X 6'	6

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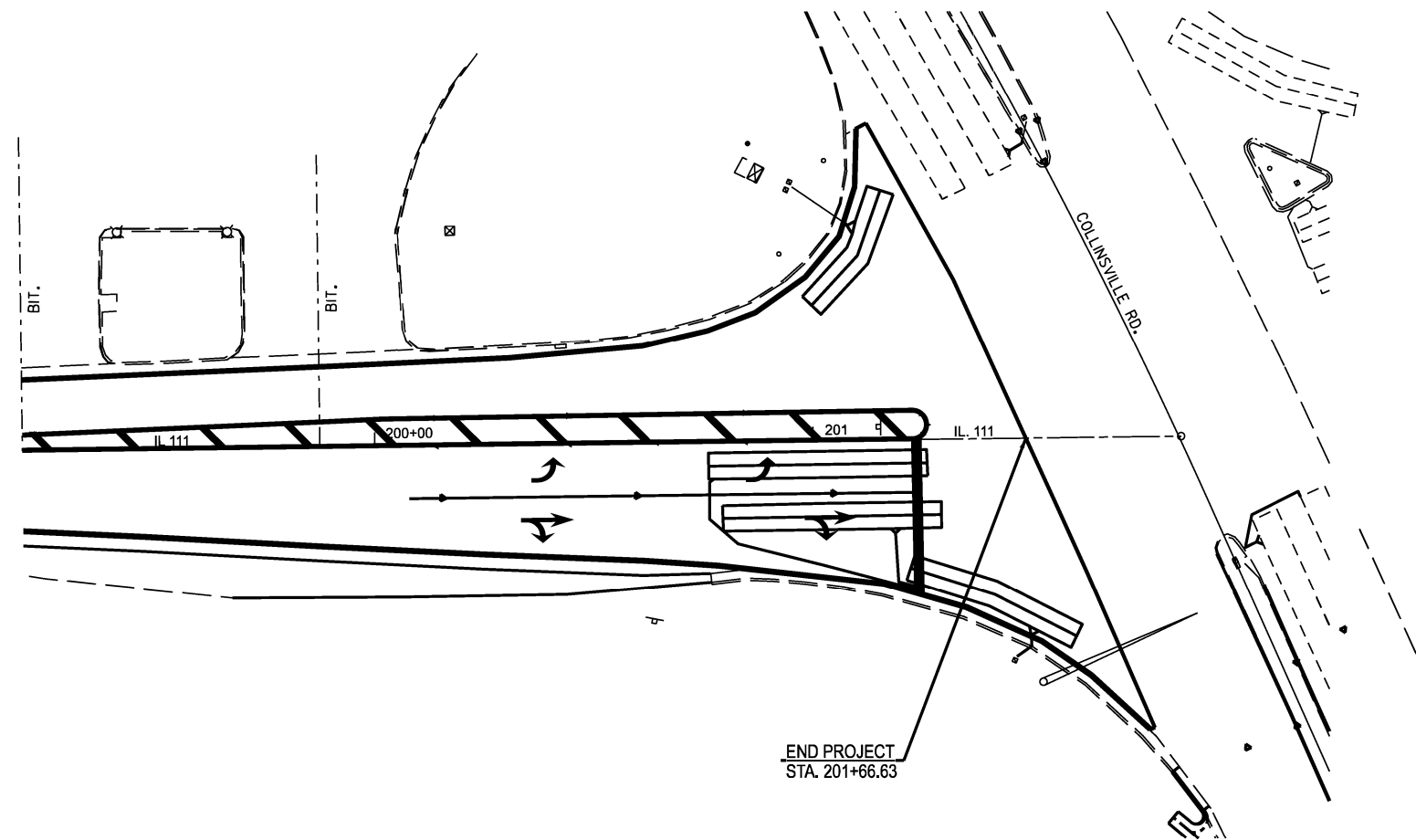
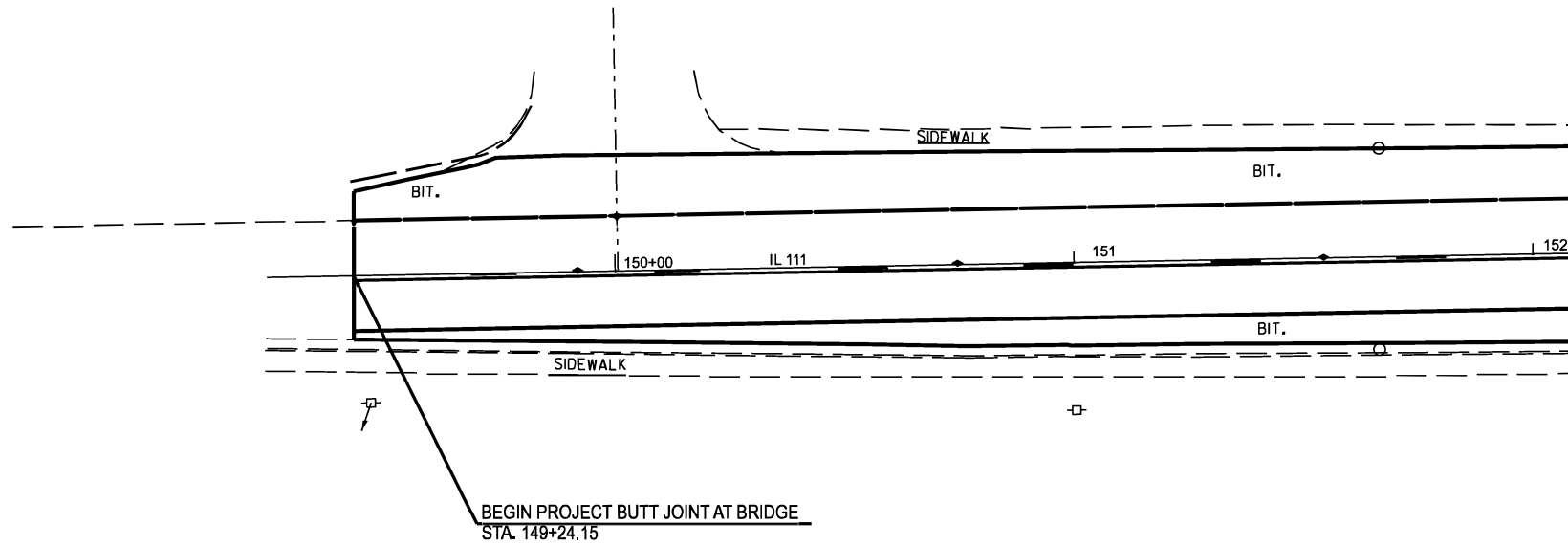
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PLOT DATE = 1/24/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	(6-2)RS-3,6-23RS-2,54-2RS-3	ST. CLAIR	15	14
CONTRACT NO. 76T29				
ILLINOIS FED. AID PROJECT				



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	C O U N T Y	TOTAL SHEETS	SHEET NO.
582	(6-2)RS-3,6-23RS-2,54-2RS-3	ST. CLAIR	15	15
CONTRACT NO. 76T29				
ILLINOIS FEDERAL PROJECT				