

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

IL 3 (GRANITE PARK DR TO NORTHGATE INDUSTRIAL DR)

LOCATION	IL 3
2023 ADT	14600 (ACTUAL)
2025 ADT	14700 (ESTIMATED)
2045 ADT	16300 (ESTIMATED)
SU %	6.3 %
MU %	11.6 %

IL 3 (W PONTOON RD TO GRANITE PARK DR)

LOCATION	IL 3
2023 ADT	10300 (ACTUAL)
2025 ADT	10400 (ESTIMATED)
2045 ADT	11500 (ESTIMATED)
SU %	7.5 %
MU %	12.6 %

IL 3 (W 20TH ST TO W PONTOON RD)

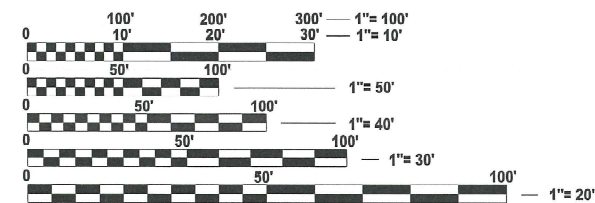
LOCATION	IL 3
2023 ADT	13000 (ACTUAL)
2025 ADT	13100 (ESTIMATED)
2045 ADT	14500 (ESTIMATED)
SU %	5.2 %
MU %	13.8 %

IL 3 (BROADWAY ST TO W 20TH ST)

LOCATION	IL 3
2023 ADT	12000 (ACTUAL)
2025 ADT	12100 (ESTIMATED)
2045 ADT	13400 (ESTIMATED)
SU %	6.9 %
MU %	11.3 %

MAIN STREET (MCKINLEY BRIDGE TO BROADWAY ST)

LOCATION	IL 3
2023 ADT	14300 (ACTUAL)
2025 ADT	14600 (ESTIMATED)
2045 ADT	16100 (ESTIMATED)
SU %	7.5 %
MU %	9.4 %



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. 76U26

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS
FAP ROUTE 2 (IL 3) / FAU ROUTE 9105 (MAIN STREET)
SECTION (103, 104)RS-2, 119RS-1
DESIGNED OVERLAY RESURFACING
MADISON COUNTY

C-98-054-25



BEGIN PROJECT
STA. 1424+15
LAT: 38.745739°
LONG: -90.128134°

INTERSECTION OMISSION
W PONTOON RD
STA. 1475+82 TO
STA. 1488+50

PAVING OMISSION
SN 060-0193
SN 060-0194
STA. 1545+72 TO
STA. 1547+52

INTERSECTION OMISSION
W 20TH ST
STA. 1607+95 TO
STA. 1625+17

PAVING OMISSION
SN 060-0202
STA. 1642+35 TO
STA. 1648+23

END PROJECT
STA. 1764+68
LAT: 38.667244°
LONG: -90.175985°

GROSS LENGTH = 34,053 FT. = 6.45 MILE
NET LENGTH = 31,063 FT. = 5.88 MILE



Brandon M. Ratemann, P.E.
ILLINOIS REGISTERED ENGINEER NO. 062-068775
REGISTRATION EXPIRES NOV. 30, 2025
DATE 1/17/2025

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	1

* FAP 2/FAU 9105

D-98-016-25



HMG
ENGINEERS
IL PROF DESIGN FIRM 184.000899

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Feb. 4 20 25
For Review RDM REGIONAL ENGINEER
March 21 20 25
S. E. A. E. E. ENGINEER OF DESIGN AND ENVIRONMENT
March 21 20 25
Director of Highways Project Implementation

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FILE NAME: H:\8066 [DOT] DiaB_PTB194_05918066_190_WO 19_IL Route 3\CAD_Sheets\0876\U26-shit-gemnotes.dgn

INDEX OF SHEETS

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63	CONSTRUCTION DETAILS

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442001-04	CLASS A PATCHES
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-18	TRAFFIC BARRIER TERMINAL TYPE 6
631033-09	TRAFFIC BARRIER TERMINAL TYPE 6B
635001-02	DELINEATORS
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701422-10	LANE CLOSURE MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS >45 MPH TO 55 MPH
701426-09	LANE CLOSURE MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS > 45 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701901-10	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKINGS
782001-01	CURB REFLECTORS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

MIX CHART

MIXTURE USE	MAINLINE		TURN LANES < 500 FT	
	POLYMER SURFACE	POLYMER BINDER	POLYMER SURFACE	POLYMER BINDER
AC/PG	SBS PG 70-28	SBS PG 70-28	SBS PG 70-28	SBS PG 70-28
DESIGN AIR VOIDS	4.0% @ NDES = 90	4.0% @ NDES = 90	4.0% @ NDES = 90	4.0% @ NDES = 90
MIX COMPOSITION (GRADATION)	IL 9.5	IL 19.0	IL 9.5	IL 19.0
FRICTION AGG	MIXTURE "E"	MIXTURE "B"	MIXTURE "E"	MIXTURE "B"
QUALITY MGMT PROGRAM	QCP	QCP	QC/QA	QC/QA
MAT TRAN DEV REQUIRED?	YES	YES	YES	YES

MIXTURE USE	SHOULDER > 8 FEET WIDE		SHOULDER ≤ 8 FEET WIDE	
	SHOULDER (LOWER)	SHOULDER (SURFACE)	SHOULDER (LOWER)	SHOULDER (SURFACE)
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ NDES = 30	4.0% @ NDES = 30	4.0% @ NDES = 30	4.0% @ NDES = 30
MIX COMPOSITION (GRADATION)	IL 19.0L	IL 9.5L	IL 19.0L	IL 9.5L
FRICTION AGG				
QUALITY MGMT PROGRAM	QCP	QCP	QC/QA	QC/QA
MAT TRAN DEV REQUIRED?	NO	NO	NO	NO

PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN (59.8 KG/SQ M/25 MM THICKNESS). ANY QCP PAY ITEM THAT HAS A QUANTITY OF 1600 TONS OR LESS WILL HAVE TWO SUBLOTS EACH OF WHICH WILL BE HALF OF THE PLAN QUANTITY OR HALF OF THE ADJUSTED QUANTITY BY THE RESIDENT ENGINEER / TECHNICIAN.

COMMITMENTS

NONE

GENERAL NOTES

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

AMEREN ILLINOIS
AT&T ILLINOIS
BLUEBIRD NETWORK
BUCKEYE PARTNERS L.P.–WOOD RIVER PIPELINE
CHARTER COMMUNICATIONS
CLEARWAVE FIBER
CONSOLIDATED COMMUNICATIONS
EVERSTREAM GLC HOLDING COMPANY LLC
EXPLORER PIPELINE COMPANY
CITY OF GRANITE CITY
ILLINOIS AMERICAN WATER COMPANY
LEVEL 3 COMMUNICATIONS
CITY OF MADISON
MADISON COUNTY
VERIZON BUSINESS
METRO EAST SANITARY DISTRICT
SHO-ME TECHNOLOGIES
SPIRE EAST
SPRINT
ZAYO GROUP LLC

2. NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM. THEREFORE, STATIONING USED IS CONSIDERED APPROXIMATE ONLY. SPECIFIC LOCATIONS OF WORK (EXAMPLE: PATCHING, DETECTOR LOOPS) SHALL BE COORDINATED BETWEEN THE CONTRACTOR AND RESIDENT ENGINEER DURING CONSTRUCTION.

3. THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATION OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER, UNLESS SPECIFIED OTHERWISE IN THE PAVEMENT MARKING DETAILS.

4. FACTORS FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

HMA SURFACE & BINDER COURSE	112 LBS./SQ. YD/IN
BITUMINOUS MATERIALS(TACK COAT)	0.05 LBS./SQ.FT. (MILLED HMA)
BITUMINOUS MATERIALS(TACK COAT)	0.025 LBS./SQ.FT. (NEW HMA)
AGGREGATE SHOULDER	2.1 TONS/CY

5. 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.

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

7. THE CONTRACTOR SHOULD BE ADVISED THAT IDOT CONTRACT 76U19 (PATCHING ON IL 3) WILL BE UNDER CONSTRUCTION AT OR AROUND THE TIME OF LETTING OF THIS PROJECT. CONSTRUCTION OF THIS PROJECT SHALL NOT COMMENCE UNTIL CONTRACT 76U19 IS COMPLETED.

8. ONLY SHORT TERM PAVEMENT MARKING REMOVAL FROM THE FINAL SURFACE SHALL BE PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL".

9. ALL REMOVED GUARDRAIL COMPONENTS ARE THE PROPERTY OF THE CONTRACTOR, AND THE SALVAGE VALUE OF SAID COMPONENTS SHALL BE REFLECTED IN THE CONTRACTOR'S BID.

10. CHANGEABLE MESSAGE SIGNS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED 2 WEEKS PRIOR TO ANY LANE CLOSURE AND SHALL REMAIN FOR THE DURATION OF THE PROJECT. THE MESSAGE SIGNS SHALL BE PLACED ALONG IL ROUTE 3 (ONE ON EACH END OF THE PROJECT LIMITS), (1) ON BROADWAY, (2) ON PONTOON ROAD, (1) ON ROCK ROAD, AND (1) ON MISSOURI AVENUE.

11. ALL PATCHING ON THIS PROJECT SHALL BE COMPLETED PRIOR TO BITUMINOUS SURFACE REMOVAL.

12. ALL CURB, CURB AND GUTTER, AND MEDIAN REPLACEMENTS SHALL BE COMPLETED PRIOR TO THE HMA SURFACE BEING PLACED.

13. THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL TIMES.

14. TRAFFIC SHALL NOT BE ALLOWED ON MILLED SURFACE, EXCEPT TO CROSS AT SIDE ROADS. BINDER MUST BE PLACED PRIOR TO ALLOWING TRAFFIC TO UTILIZE THE TRAFFIC LANE.

15. THE EDGES OF PROPOSED PATCHES AT GRANITE PARK DRIVE AND BISSELL STREET THAT ARE ADJACENT TO PCC PAVEMENT SHALL BE CONSTRUCTED AT AN ELEVATION THAT ALLOWS FOR THE FULL THICKNESS OF HMA RESURFACING TO BE PLACED.

REV - MS



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	2
		CONTRACT NO. 76U26		
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105

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				100% STATE	
				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAP 2	FAU 9105
				ROADWAY	ROADWAY
				0005	0005
				URBAN	URBAN
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	141909	131611	10298
40600370	LONGITUDINAL JOINT SEALANT	FOOT	92287	85381	6906
40600405	MATERIAL TRANSFER DEVICE	TON	44151	40946	3205
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	4820	4492	328
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	1683	1683	
40600990	TEMPORARY RAMP	SQ YD	2191	1920	271
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	26491	24568	1923
40604174	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N90	TON	17660	16378	1282
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	301595	284224	17371
44200537	CLASS A PATCHES, TYPE I, 9 INCH	SQ YD	8	8	
44200541	CLASS A PATCHES, TYPE II, 9 INCH	SQ YD	198	187	11
44200545	CLASS A PATCHES, TYPE III, 9 INCH	SQ YD	106	106	
44200547	CLASS A PATCHES, TYPE IV, 9 INCH	SQ YD	25400	25400	
44213000	PATCHING REINFORCEMENT	SQ YD	25712	25701	11

* SPECIALTY ITEM

				100% STATE	
				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAP 2	FAU 9105
				ROADWAY	ROADWAY
				0005	0005
				URBAN	URBAN
44213200	SAW CUTS	FOOT	18854	18774	80
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1030	1030	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3977	3836	141
48203100	HOT-MIX ASPHALT SHOULDERS	TON	19030	18586	444
60260100	INLETS TO BE ADJUSTED	EACH	21	21	
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	62	62	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	99	99	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	882	882	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	7850	7287.5	562.5
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	7	6	1
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	3	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8	7	1
63200310	GUARDRAIL REMOVAL	FOOT	8647	8037	610
63500105	DELINEATORS	EACH	16	9	7

* SPECIALTY ITEM



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	3
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105

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				ROADWAY	ROADWAY
				0005	0005
				URBAN	URBAN
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	7	7	
67100100	MOBILIZATION	L SUM	1	1	
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4996	4660	336
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1691	1573	118
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	878	722	156
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	149780	140948	8832
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	2744	1825	919
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	2009	985	1024
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	667	545	122
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	7	1
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	878	722	156
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	149780	140948	8832

* SPECIALTY ITEM

				100% STATE	
				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAP 2	FAU 9105
				ROADWAY	ROADWAY
				0005	0005
				URBAN	URBAN
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2744	1825	919
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2009	985	1024
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	667	545	122
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1158	1068	90
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	218	211	7
* 78200020	CURB REFLECTORS	EACH	22	22	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1158	1068	90
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	80941	74488	6453
* X6311217	TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)	EACH	6	6	
* X8860105	DETECTOR LOOP REPLACEMENT	FOOT	8467	8467	
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	4000	4000	
* Z0036200	PAINT CURB	FOOT	1239	1114	125

* SPECIALTY ITEM

Ø 0042

REV - MS



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

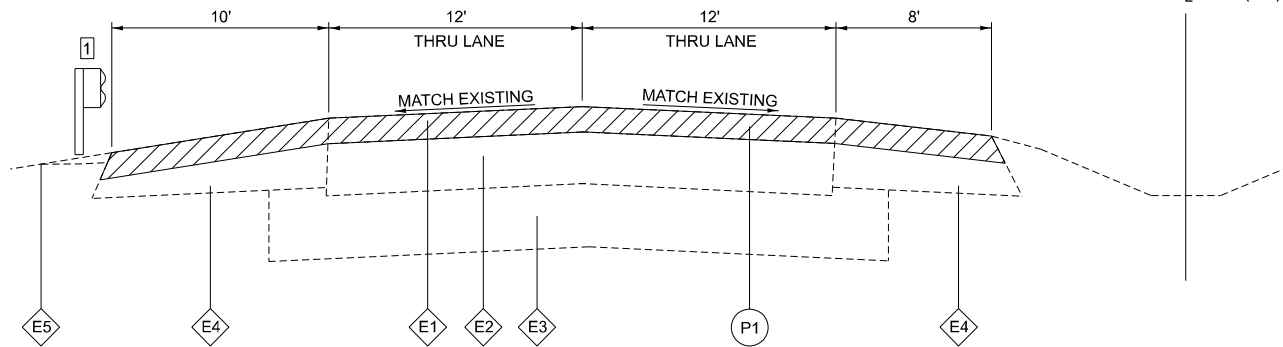
SUMMARY OF QUANTITIES

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

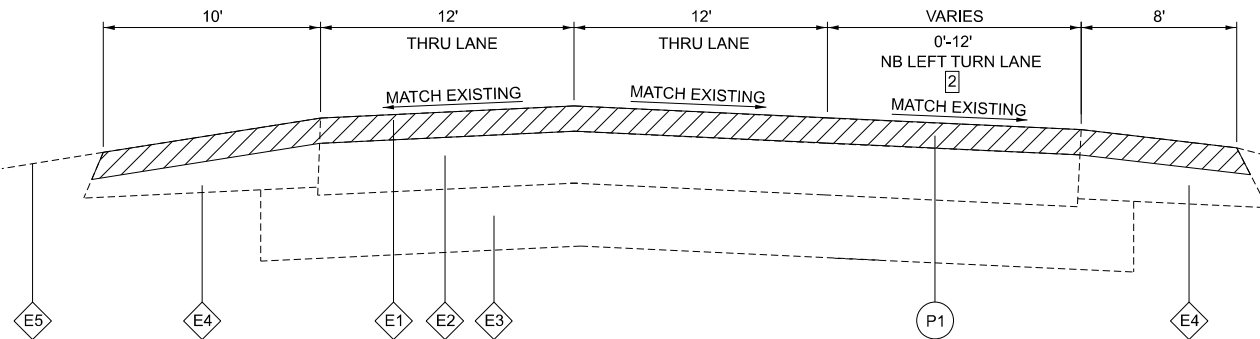
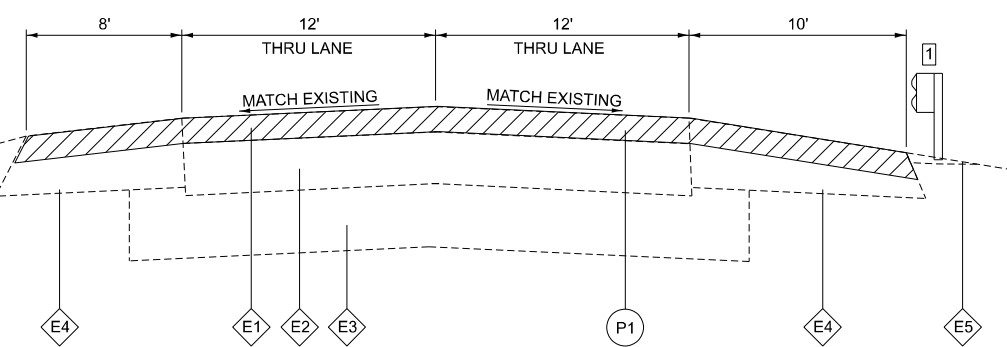
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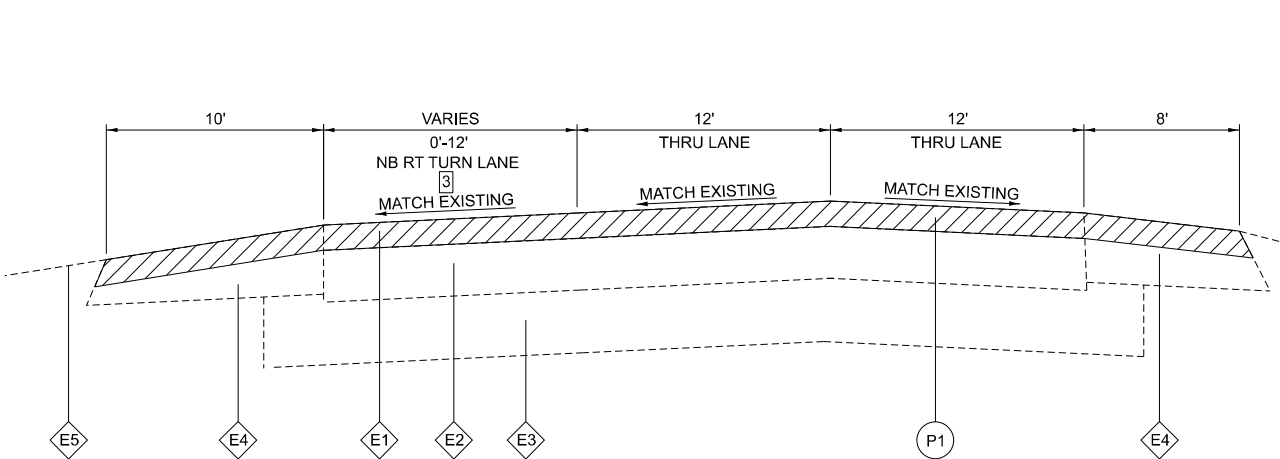
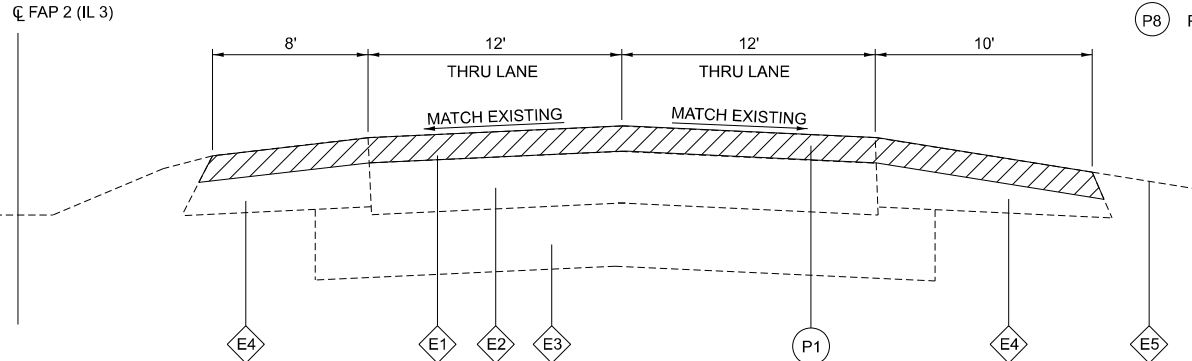
EXISTING TYPICAL SECTION

STA. 1424+15 TO STA. 1429+42
STA. 1435+65 TO STA. 1456+97
STA. 1469+85 TO STA. 1475+82
STA. 1496+76 TO STA. 1545+72
STA. 1547+52 TO STA. 1576+51
STA. 1734+00 TO STA. 1741+11



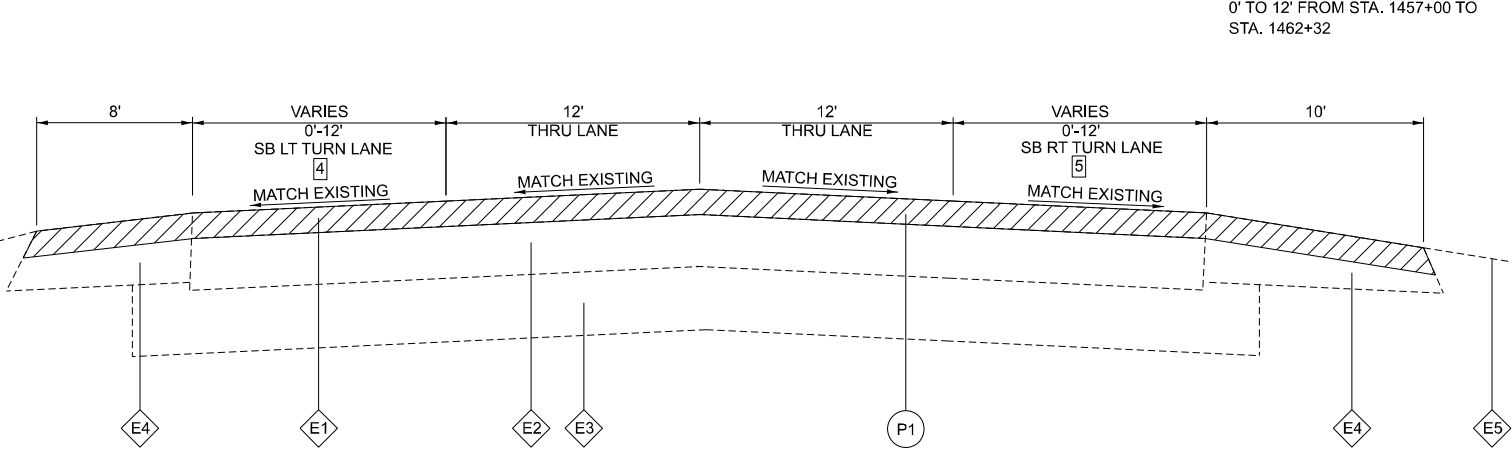
EXISTING TYPICAL SECTION

STA. 1429+42 TO STA. 1435+65
STA. 1463+53 TO STA. 1469+85



EXISTING TYPICAL SECTION

STA. 1456+97 TO STA. 1463+53



TYPICAL SECTION LEGEND

- E1 EXISTING HMA, 2 1/2"
- E2 EXISTING CRC PAVEMENT, 7"
- E3 EXISTING SUB-BASE
- E4 EXISTING HMA SHOULDERS, 8"
- E5 EXISTING AGGREGATE SHOULDERS
- E6 EXISTING CONCRETE CURB & GUTTER, B-6.12
- E7 EXISTING CONCRETE MEDIAN
- E8 EXISTING CONCRETE BARRIER
- P1 PR HMA SURF REM, 2 1/2"
- P2 PR LONGITUDINAL JT SEALANT
- P3 PR HMA SHOULDER, 3 3/4"
- P4 PR BIT MAT (TACK COAT)
- P5 PR POLY HMA BINDER CSE, IL-19.0, N90, 2 1/4"
- P6 PR POLY HMA SURF CSE, IL-9.5, MIX "E", N90, 1 1/2"
- P7 PR AGG WEDGE SHOULDER TYPE B
- P8 PR AGG SHOULDER TYPE B

TYPICAL SECTION NOTES

- 1 EXISTING GUARDRAIL FROM STA. 1535+22 TO STA 1558+90
- 2 TURN LANE TRANSITIONS FROM 12' TO 0' FROM STA. 1430+32 TO STA. 1435+48
- 3 TURN LANE TRANSITIONS FROM 0' TO 12' FROM STA. 1456+20 TO STA. 1462+22
- 4 TURN LANE TRANSITIONS FROM 0' TO 12' FROM STA. 1458+05 TO STA. 1463+00
- 5 TURN LANE TRANSITIONS FROM 0' TO 12' FROM STA. 1457+00 TO STA. 1462+32



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

SCALE: SHEET 1 OF 13 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	5
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105

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		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 1/17/2025	DATE	-	REVISED	-

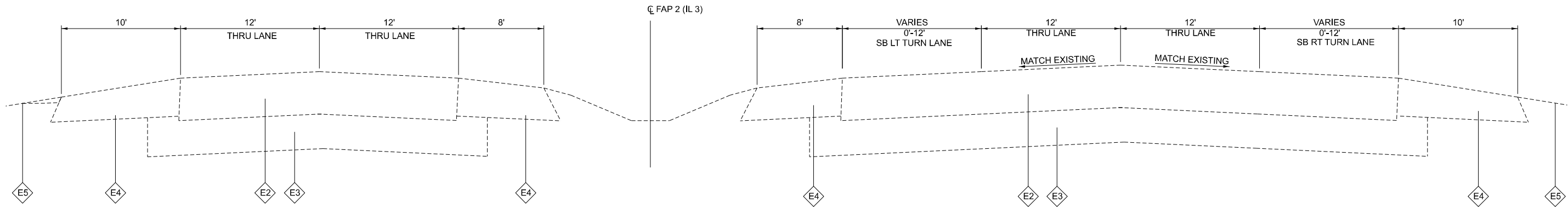
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

SCALE: SHEET 2 OF 13 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	6
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105

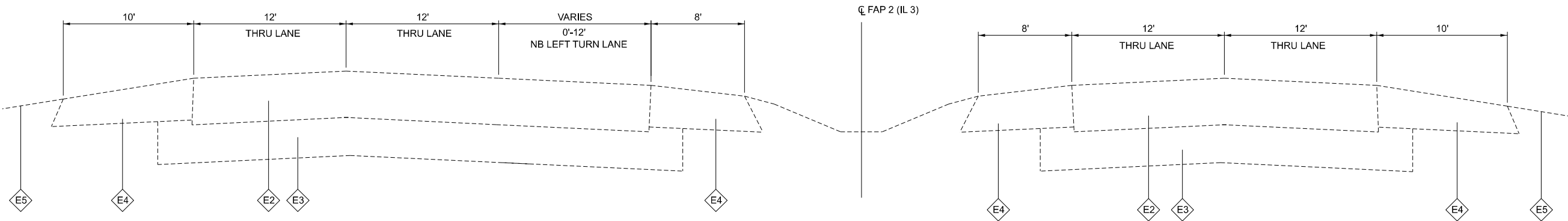


EXISTING TYPICAL SECTION

STA. 1475+82 TO STA. 1483+18 (OMISSION)

TYPICAL SECTION LEGEND

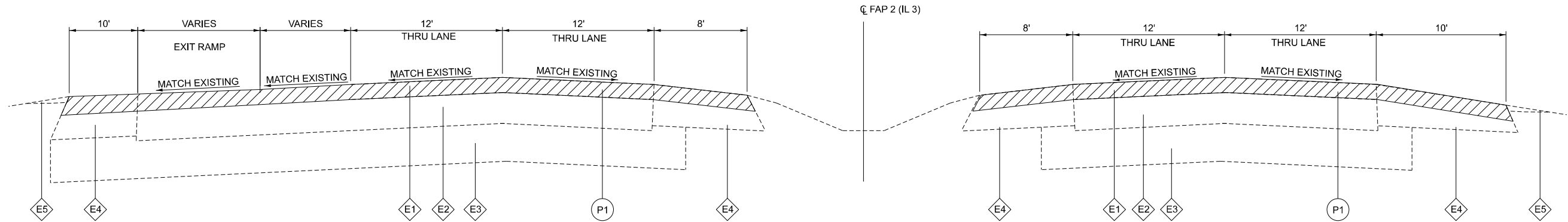
E1	EXISTING HMA, 2 1/2"	P1	PR HMA SURF REM, 2 1/2"
E2	EXISTING CRC PAVEMENT, 7"	P2	PR LONGITUDINAL JT SEALANT
E3	EXISTING SUB-BASE	P3	PR HMA SHOULDER, 3 3/4"
E4	EXISTING HMA SHOULDERS, 8"	P4	PR BIT MAT (TACK COAT)
E5	EXISTING AGGREGATE SHOULDERS	P5	PR POLY HMA BINDER CSE, IL-19.0, N90, 2 1/4"
E6	EXISTING CONCRETE CURB & GUTTER, B-6.12	P6	PR POLY HMA SURF CSE, IL-9.5, MIX "E", N90, 1 1/2"
E7	EXISTING CONCRETE MEDIAN	P7	PR AGG WEDGE SHOULDER TYPE B
E8	EXISTING CONCRETE BARRIER	P8	PR AGG SHOULDER TYPE B



EXISTING TYPICAL SECTION

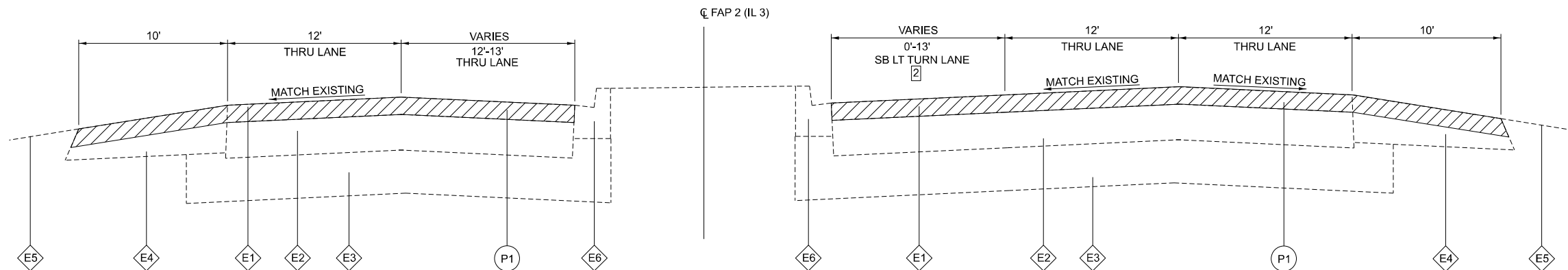
STA. 1483+18 TO STA. 1488+50 (OMISSION)

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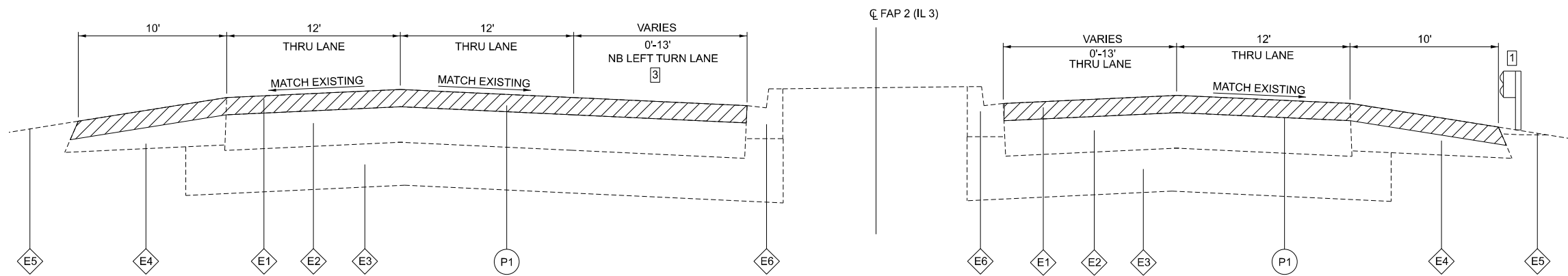
EXISTING TYPICAL SECTION

STA. 1488+50 TO STA. 1496+76



EXISTING TYPICAL SECTION

STA. 1576+51 TO STA. 1582+16



EXISTING TYPICAL SECTION

STA. 1582+16 TO STA. 1607+95

TYPICAL SECTION LEGEND

- E1 EXISTING HMA, 2 1/2"
- E2 EXISTING CRC PAVEMENT, 7"
- E3 EXISTING SUB-BASE
- E4 EXISTING HMA SHOULDERS, 8"
- E5 EXISTING AGGREGATE SHOULDERS
- E6 EXISTING CONCRETE CURB & GUTTER, B-6.12
- E7 EXISTING CONCRETE MEDIAN
- E8 EXISTING CONCRETE BARRIER
- P1 PR HMA SURF REM, 2 1/2"
- P2 PR LONGITUDINAL JT SEALANT
- P3 PR HMA SHOULDER, 3 3/4"
- P4 PR BIT MAT (TACK COAT)
- P5 PR POLY HMA BINDER CSE, IL-19.0, N90, 2 1/4"
- P6 PR POLY HMA SURF CSE, IL-9.5, MIX "E", N90, 1 1/2"
- P7 PR AGG WEDGE SHOULDER TYPE B
- P8 PR AGG SHOULDER TYPE B

TYPICAL SECTION NOTES

- 1 EXISTING GUARDRAIL FROM STA. 1594+16 TO STA. 1604+00
- 2 TURN LANE TRANSITIONS FROM 0' TO 13' FROM STA. 1577+38 TO STA. 1581+80
- 3 TURN LANE TRANSITIONS FROM 13' TO 0' FROM STA. 1587+68 TO STA. 1585+72

HMG
ENGINEERS

USER NAME = tkruop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/17/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

SCALE: SHEET 3 OF 13 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	7
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105

MODEL: Typical=1 [Sheet]
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USER NAME = tkrupe	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/17/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS			
SCALE:	SHEET 4	OF 13 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	8
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

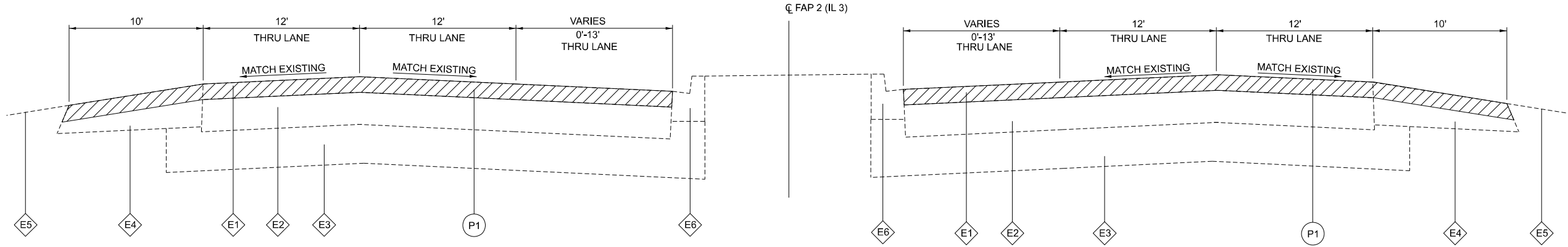
* FAP 2/FAU 9105

TYPICAL SECTION LEGEND

- E1 EXISTING HMA, 2 1/2"
- E2 EXISTING CRC PAVEMENT, 7"
- E3 EXISTING SUB-BASE
- E4 EXISTING HMA SHOULDERS, 8"
- E5 EXISTING AGGREGATE SHOULDERS
- E6 EXISTING CONCRETE CURB & GUTTER, B-6.12
- E7 EXISTING CONCRETE MEDIAN
- E8 EXISTING CONCRETE BARRIER
- P1 PR HMA SURF REM, 2 1/2"
- P2 PR LONGITUDINAL JT SEALANT
- P3 PR HMA SHOULDER, 3 3/4"
- P4 PR BIT MAT (TACK COAT)
- P5 PR POLY HMA BINDER CSE, IL-19.0, N90, 2 1/4"
- P6 PR POLY HMA SURF CSE, IL-9.5, MIX "E", N90, 1 1/2"
- P7 PR AGG WEDGE SHOULDER TYPE B
- P8 PR AGG SHOULDER TYPE B

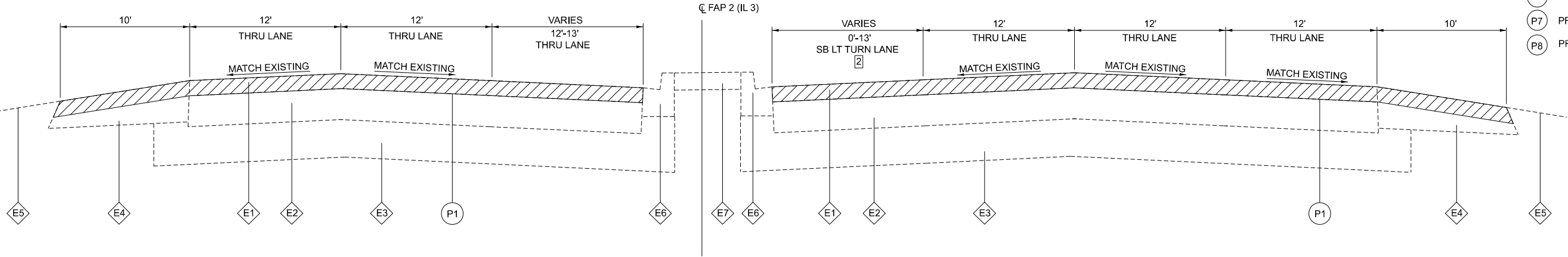
TYPICAL SECTION NOTES

- 1 EXISTING GUARDRAIL FROM STA. 1636+82 TO STA. 1654+41
- 2 TURN LANE TRANSITIONS FROM 0' TO 13' FROM STA. 1630+00 TO STA. 1632+00
- 3 TURN LANE TRANSITIONS FROM 12' TO 0' FROM STA. 1638+31 TO STA. 1640+21
- 4 TURN LANE TRANSITIONS FROM 13' TO 0' FROM STA. 1637+50 TO STA. 1639+42



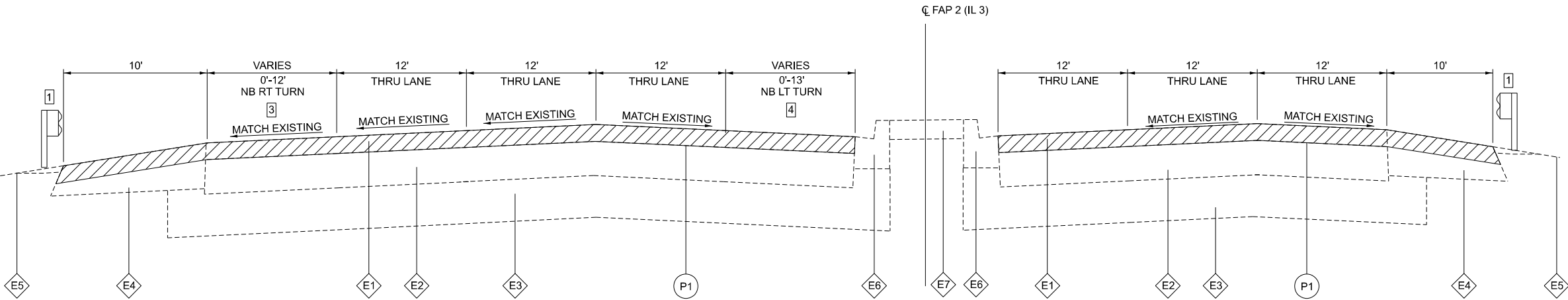
EXISTING TYPICAL SECTION

STA. 1625+17 TO STA. 1630+00



EXISTING TYPICAL SECTION

STA. 1630+00 TO STA. 1634+50



EXISTING TYPICAL SECTION

STA. 1634+50 TO STA. 1642+35

MODEL: Typical=2 [Sheet]
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USER NAME	= tkruop	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 1/17/2025	DATE	-	REVISED	-

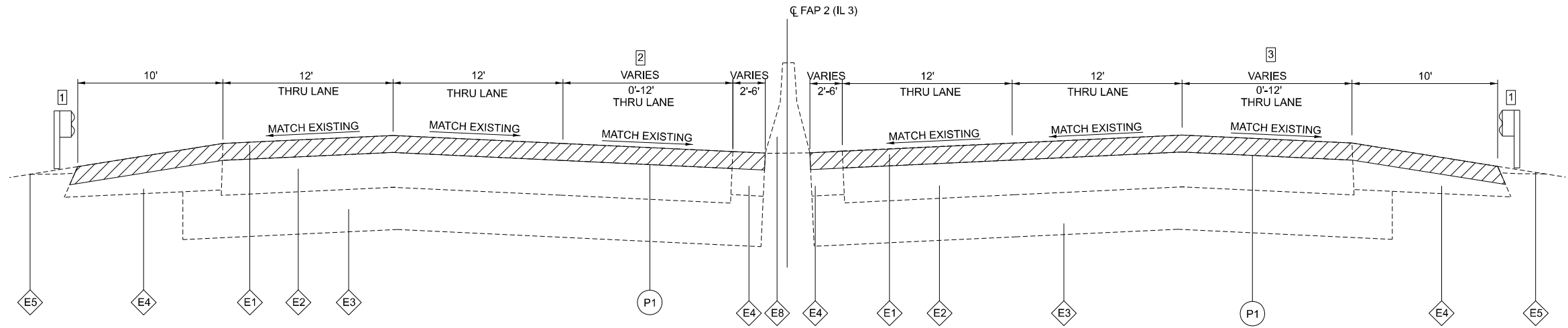
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

SCALE: SHEET 5 OF 13 SHEETS STA. TO STA.

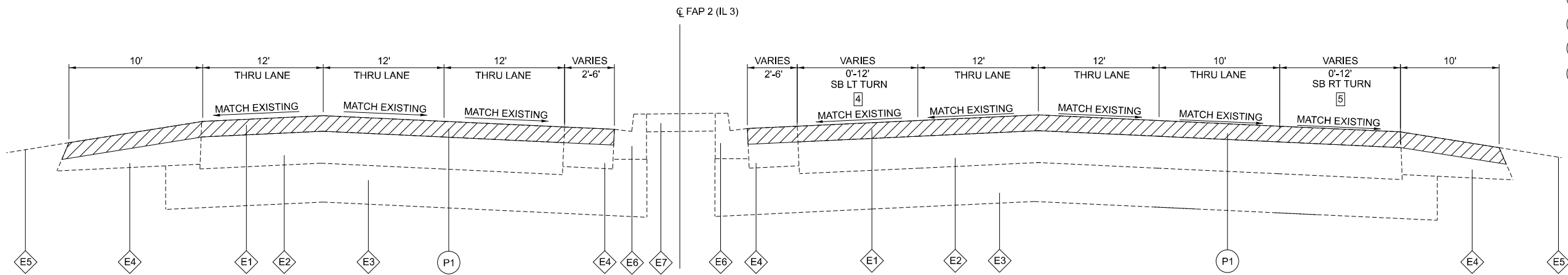
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	9
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105



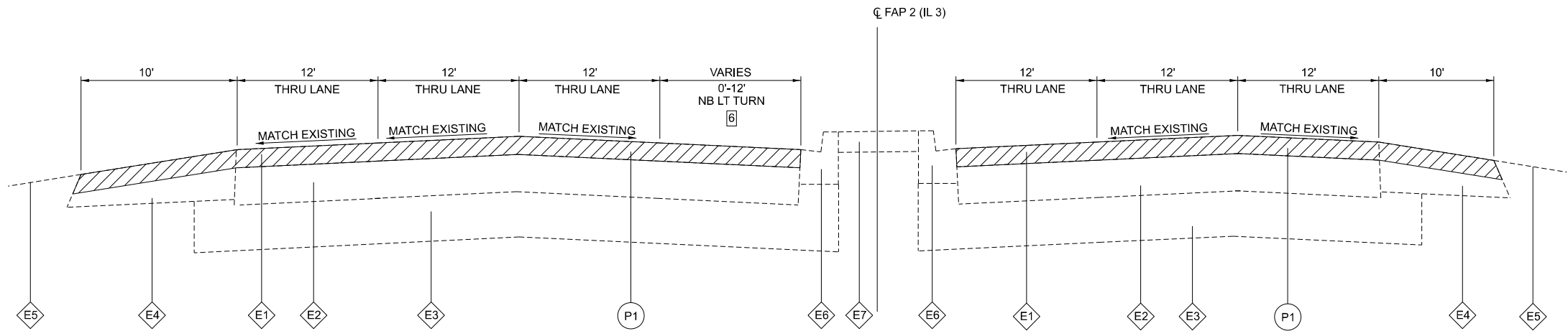
EXISTING TYPICAL SECTION

STA. 1648+23 TO STA. 1708+00
STA. 1719+67 TO STA. 1734+00



EXISTING TYPICAL SECTION

STA. 1708+00 TO STA. 1714+20



EXISTING TYPICAL SECTION

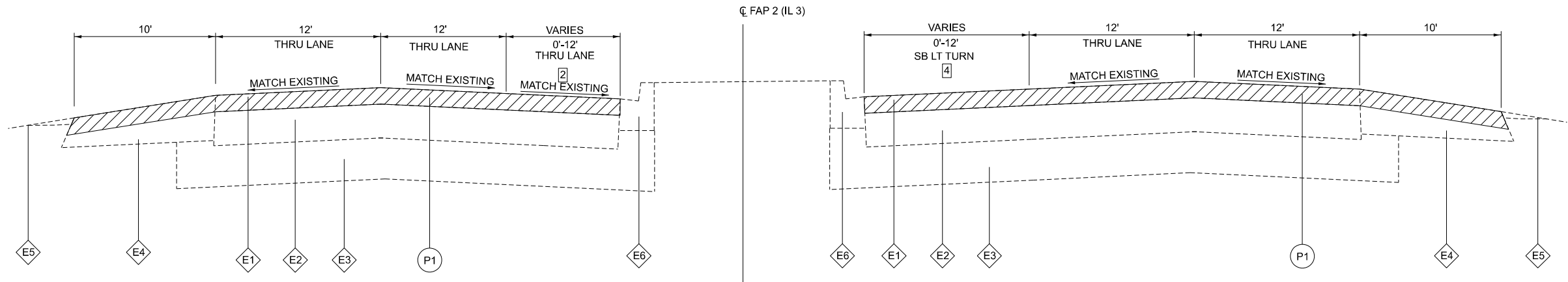
STA. 1714+20 TO STA. 1719+67

TYPICAL SECTION LEGEND

- E1 EXISTING HMA, 2 1/2"
- E2 EXISTING CRC PAVEMENT, 7"
- E3 EXISTING SUB-BASE
- E4 EXISTING HMA SHOULDERS, 8"
- E5 EXISTING AGGREGATE SHOULDERS
- E6 EXISTING CONCRETE CURB & GUTTER, B-6.12
- E7 EXISTING CONCRETE MEDIAN
- E8 EXISTING CONCRETE BARRIER
- P1 PR HMA SURF REM, 2 1/2"
- P2 PR LONGITUDINAL JT SEALANT
- P3 PR HMA SHOULDER, 3 3/4"
- P4 PR BIT MAT (TACK COAT)
- P5 PR POLY HMA BINDER CSE, IL-19.0, N90, 2 1/4"
- P6 PR POLY HMA SURF CSE, IL-9.5, MIX "E", N90, 1 1/2"
- P7 PR AGG WEDGE SHOULDER TYPE B
- P8 PR AGG SHOULDER TYPE B

TYPICAL SECTION NOTES

- 1 EXISTING GUARDRAIL FROM STA. 1726+32 TO STA. 1728+74
STA. 1761+58 TO STA. 1768+69
- 2 TURN LANE TRANSITIONS FROM 12' TO 0' FROM STA. 1731+52 TO STA. 1733+98
- 3 TURN LANE TRANSITIONS FROM 12' TO 0' FROM STA. 1722+81 TO STA. 1727+61
- 4 TURN LANE TRANSITIONS FROM 0' TO 12' FROM STA. 1704+55 TO STA. 1711+37
- 5 TURN LANE TRANSITIONS FROM 0' TO 12' FROM STA. 1708+00 TO STA. 1709+97
- 6 TURN LANE TRANSITIONS FROM 12' TO 0' FROM STA. 1717+41 TO STA. 1719+67



EXISTING TYPICAL SECTION

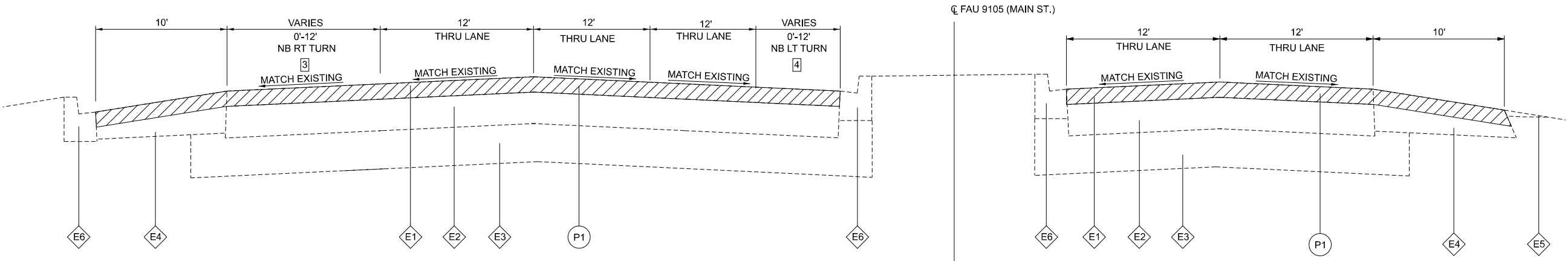
STA. 1741+11 TO STA. 1746+82

TYPICAL SECTION LEGEND

- | | | | |
|----|---|----|--|
| E1 | EXISTING HMA, 2 1/2" | P1 | PR HMA SURF REM, 2 1/2" |
| E2 | EXISTING CRC PAVEMENT, 7" | P2 | PR LONGITUDINAL JT SEALANT |
| E3 | EXISTING SUB-BASE | P3 | PR HMA SHOULDER, 3 3/4" |
| E4 | EXISTING HMA SHOULDERS, 8" | P4 | PR BIT MAT (TACK COAT) |
| E5 | EXISTING AGGREGATE SHOULDERS | P5 | PR POLY HMA BINDER CSE, IL-19.0, N90, 2 1/4" |
| E6 | EXISTING CONCRETE CURB & GUTTER, B-6.12 | P6 | PR POLY HMA SURF CSE, IL-9.5, MIX "E", N90, 1 1/2" |
| E7 | EXISTING CONCRETE MEDIAN | P7 | PR AGG WEDGE SHOULDER TYPE B |
| E8 | EXISTING CONCRETE BARRIER | P8 | PR AGG SHOULDER TYPE B |

TYPICAL SECTION NOTES

- TURN LANE TRANSITIONS FROM 0' TO 12' FROM STA. 1741+11 TO STA. 1745+82
- TURN LANE TRANSITIONS FROM 0' TO 16' FROM STA. 1744+77 TO STA. 1746+53
- TURN LANE TRANSITIONS FROM 16' TO 0' FROM STA. 1747+95 TO STA. 1752+14
- TURN LANE TRANSITIONS FROM 0' TO 12' FROM STA. 1741+11 TO STA. 1745+82



EXISTING TYPICAL SECTION

STA. 1746+82 TO STA. 1753+09

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FILE NAME: H:\3066_DOT_Dia8_PTB194_0591066_190_WO 19_IL Route 3\CAD_Sheets\0876\U26-sh-typicals.dgn

HMG
ENGINEERS

USER NAME	= tkrupe	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 1/17/2025	DATE	-	REVISED	-

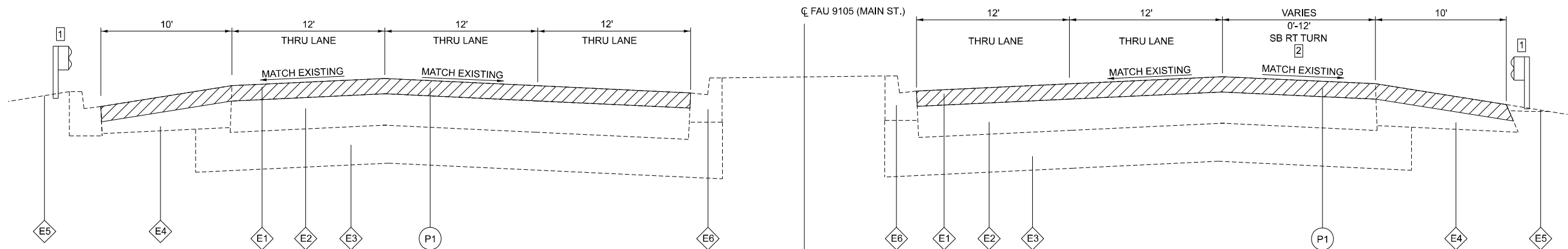
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

SCALE: SHEET 6 OF 13 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	10
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105



EXISTING TYPICAL SECTION

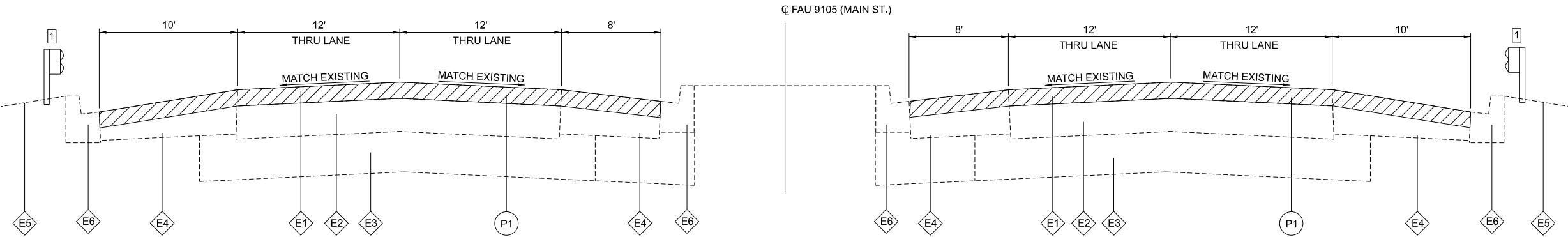
STA. 1753+09 TO STA. 1759+91

TYPICAL SECTION LEGEND

- | | | | |
|----|---|----|--|
| E1 | EXISTING HMA, 2 1/2" | P1 | PR HMA SURF REM, 2 1/2" |
| E2 | EXISTING CRC PAVEMENT, 7" | P2 | PR LONGITUDINAL JT SEALANT |
| E3 | EXISTING SUB-BASE | P3 | PR HMA SHOULDER, 3 3/4" |
| E4 | EXISTING HMA SHOULDERS, 8" | P4 | PR BIT MAT (TACK COAT) |
| E5 | EXISTING AGGREGATE SHOULDERS | P5 | PR POLY HMA BINDER CSE, IL-19.0, N90, 2 1/4" |
| E6 | EXISTING CONCRETE CURB & GUTTER, B-6.12 | P6 | PR POLY HMA SURF CSE, IL-9.5, MIX "E", N90, 1 1/2" |
| E7 | EXISTING CONCRETE MEDIAN | P7 | PR AGG WEDGE SHOULDER TYPE B |
| E8 | EXISTING CONCRETE BARRIER | P8 | PR AGG SHOULDER TYPE B |

TYPICAL SECTION NOTES

- EXISTING GUARDRAIL FROM STA. 1761+75 TO STA. 1764+68
STA. 1761+58 TO STA. 1768+69
- TURN LANE TRANSITIONS FROM 0' TO 12' FROM STA. 1753+13 TO STA. 1758+38



EXISTING TYPICAL SECTION

STA. 1759+91 TO STA. 1764+68

MODEL: Typical=8 [Sheet]
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HMG
ENGINEERS

USER NAME = tkruup	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/17/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

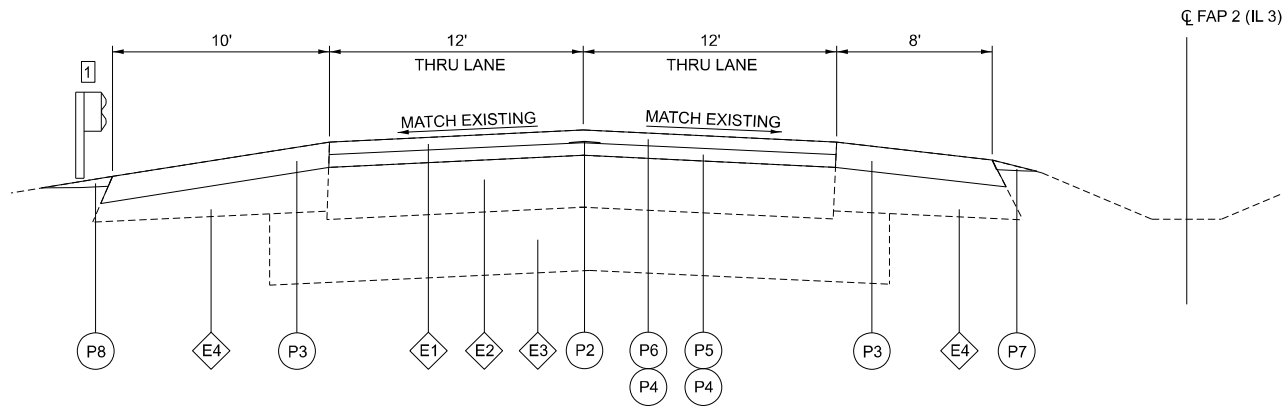
EXISTING TYPICAL SECTIONS

SCALE: SHEET 7 OF 13 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	11
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

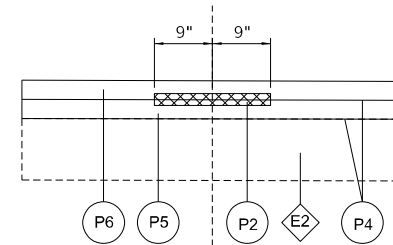
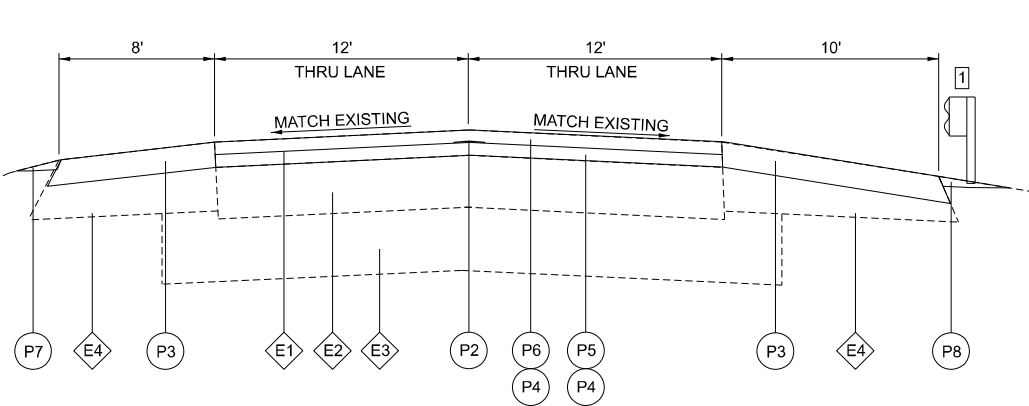
* FAP 2/FAU 9105

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PROPOSED TYPICAL SECTION

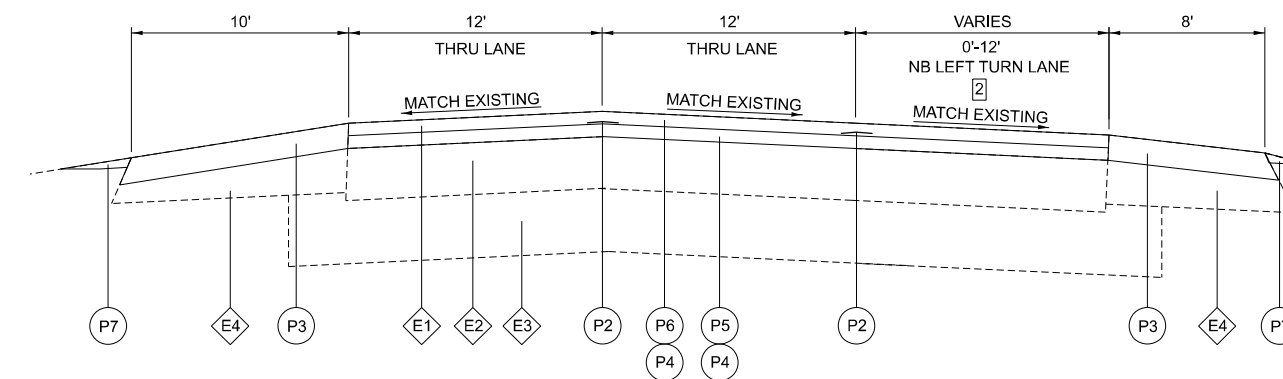
STA. 1424+15 TO STA. 1429+42
STA. 1435+65 TO STA. 1456+97
STA. 1469+85 TO STA. 1475+82
STA. 1496+76 TO STA. 1545+72
STA. 1547+52 TO STA. 1576+51
STA. 1734+00 TO STA. 1741+11



LONGITUDINAL JOINT SEALANT - DETAIL

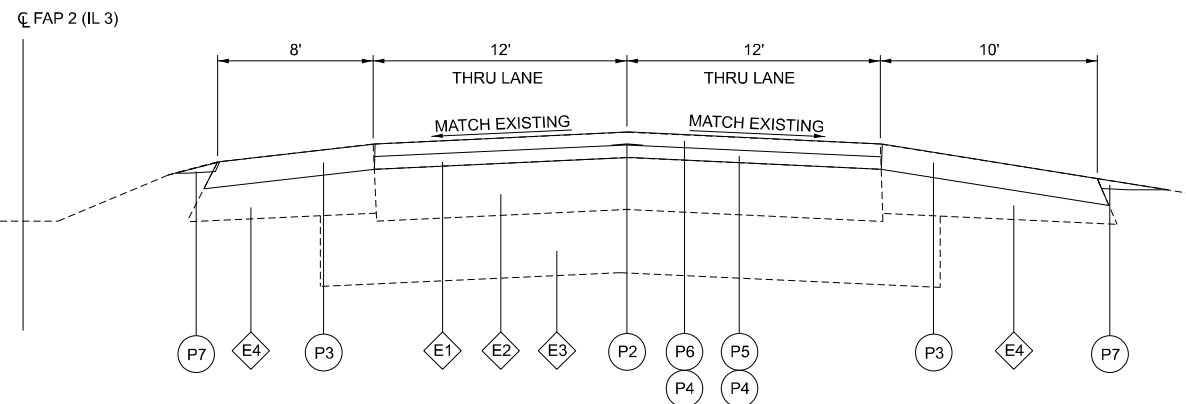
TYPICAL SECTION LEGEND

- E1 EXISTING HMA, 2 1/2"
- E2 EXISTING CRC PAVEMENT, 7"
- E3 EXISTING SUB-BASE
- E4 EXISTING HMA SHOULDERS, 8"
- E5 EXISTING AGGREGATE SHOULDERS
- E6 EXISTING CONCRETE CURB & GUTTER, B-6.12
- E7 EXISTING CONCRETE MEDIAN
- E8 EXISTING CONCRETE BARRIER
- P1 PR HMA SURF REM, 2 1/2"
- P2 PR LONGITUDINAL JT SEALANT
- P3 PR HMA SHOULDER, 3 3/4"
- P4 PR BIT MAT (TACK COAT)
- P5 PR POLY HMA BINDER CSE, IL-19.0, N90, 2 1/4"
- P6 PR POLY HMA SURF CSE, IL-9.5, MIX "E", N90, 1 1/2"
- P7 PR AGG WEDGE SHOULDER TYPE B
- P8 PR AGG SHOULDER TYPE B



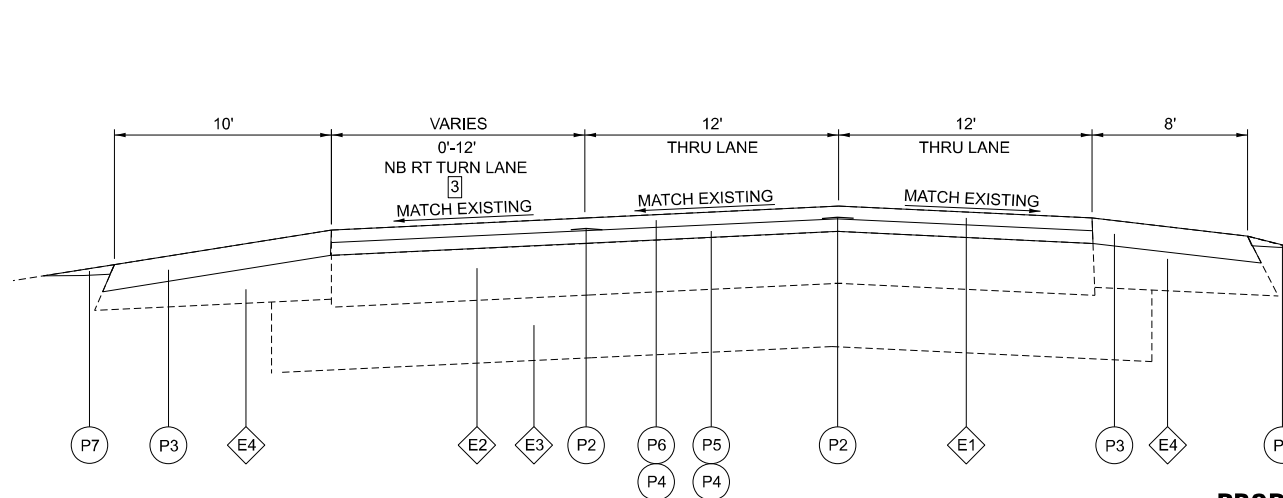
PROPOSED TYPICAL SECTION

STA. 1429+42 TO STA. 1435+65
STA. 1463+53 TO STA. 1469+85



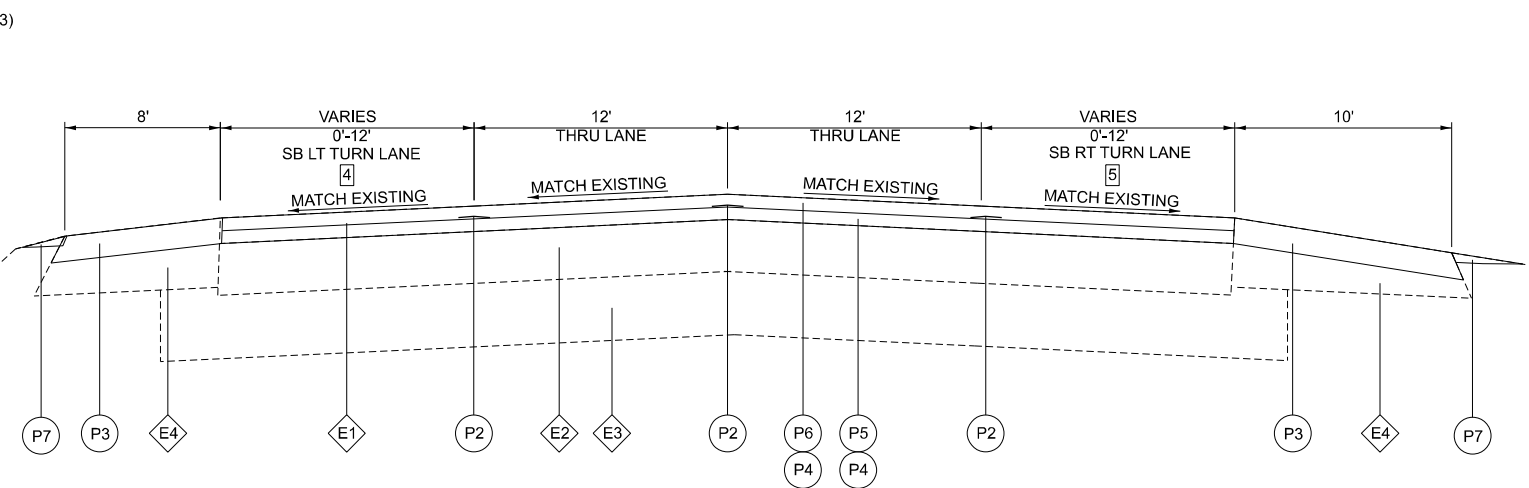
TYPICAL SECTION NOTES

- REPLACE GUARDRAIL FROM STA. 1535+22 TO STA 1558+90
- TURN LANE TRANSITIONS FROM 12' TO 0' FROM STA. 1430+32 TO STA. 1435+48
- TURN LANE TRANSITIONS FROM 0' TO 12' FROM STA. 1456+20 TO STA. 1462+22
- TURN LANE TRANSITIONS FROM 0' TO 12' FROM STA. 1458+05 TO STA. 1463+00
- TURN LANE TRANSITIONS FROM 0' TO 12' FROM STA. 1457+00 TO STA. 1462+32



PROPOSED TYPICAL SECTION

STA. 1456+97 TO STA. 1463+53



HMG
ENGINEERS

USER NAME	= tkrupe	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 1/17/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

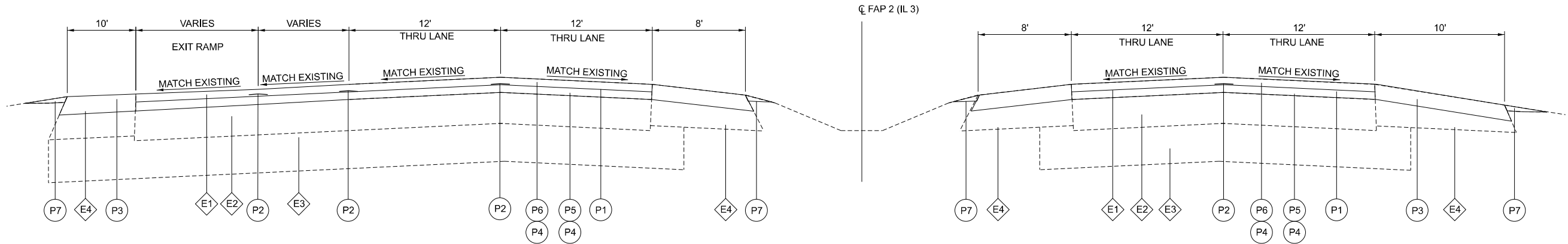
PROPOSED TYPICAL SECTIONS

SCALE: SHEET 8 OF 13 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	12
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

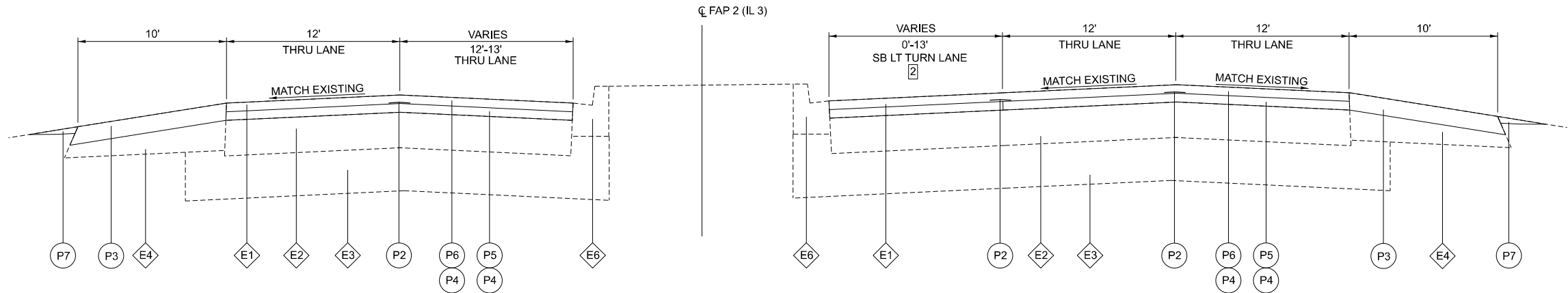
* FAP 2/FAU 9105

MODEL: Typical-3B-1 (Sheet)
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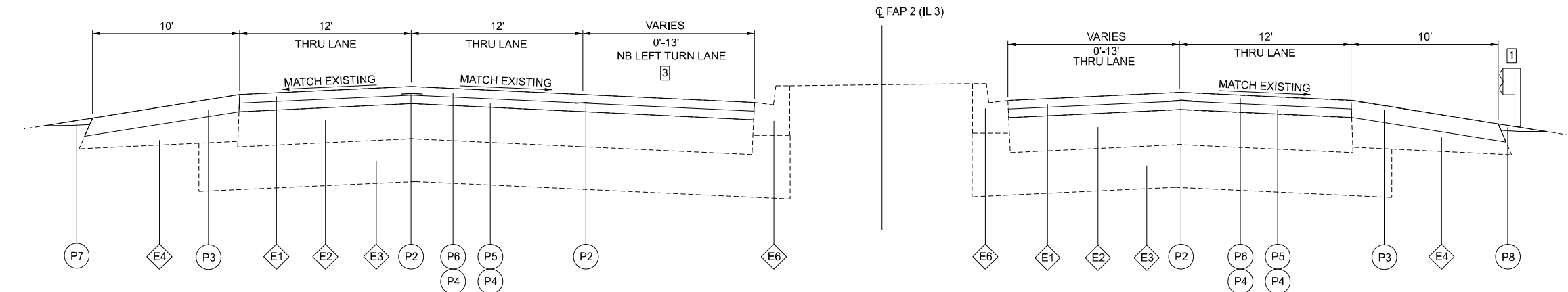
PROPOSED TYPICAL SECTION

STA. 1488+50 TO STA. 1496+76



PROPOSED TYPICAL SECTION

STA. 1576+51 TO STA. 1582+16



PROPOSED TYPICAL SECTION

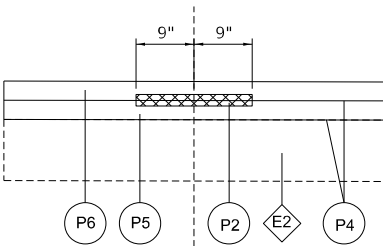
STA. 1582+16 TO STA. 1607+95

TYPICAL SECTION LEGEND

- E1 EXISTING HMA, 2 1/2"
- E2 EXISTING CRC PAVEMENT, 7"
- E3 EXISTING SUB-BASE
- E4 EXISTING HMA SHOULDERS, 8"
- E5 EXISTING AGGREGATE SHOULDERS
- E6 EXISTING CONCRETE CURB & GUTTER, B-6.12
- E7 EXISTING CONCRETE MEDIAN
- E8 EXISTING CONCRETE BARRIER
- P1 PR HMA SURF REM, 2 1/2"
- P2 PR LONGITUDINAL JT SEALANT
- P3 PR HMA SHOULDER, 3 3/4"
- P4 PR BIT MAT (TACK COAT)
- P5 PR POLY HMA BINDER CSE, IL-19.0, N90, 2 1/4"
- P6 PR POLY HMA SURF CSE, IL-9.5, MIX "E", N90, 1 1/2"
- P7 PR AGG WEDGE SHOULDER TYPE B
- P8 PR AGG SHOULDER TYPE B

TYPICAL SECTION NOTES

- REPLACE GUARDRAIL FROM STA. 1594+16 TO STA. 1604+00
- TURN LANE TRANSITIONS FROM 0' TO 13' FROM STA. 1577+38 TO STA. 1581+80
- TURN LANE TRANSITIONS FROM 13' TO 0' FROM STA. 1587+68 TO STA. 1585+72



LONGITUDINAL JOINT SEALANT – DETAIL

HMG
ENGINEERS

USER NAME = tkruop	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/17/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: SHEET 9 OF 13 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	13
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105

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PLOT DATE = 1/17/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: SHEET 10 OF 13 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	14
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105

TYPICAL SECTION LEGEND

- E1 EXISTING HMA, 2 1/2"
- E2 EXISTING CRC PAVEMENT, 7"
- E3 EXISTING SUB-BASE
- E4 EXISTING HMA SHOULDERS, 8"
- E5 EXISTING AGGREGATE SHOULDERS
- E6 EXISTING CONCRETE CURB & GUTTER, B-6.12
- E7 EXISTING CONCRETE MEDIAN
- E8 EXISTING CONCRETE BARRIER
- P1 PR HMA SURF REM, 2 1/2"
- P2 PR LONGITUDINAL JT SEALANT
- P3 PR HMA SHOULDER, 3 3/4"
- P4 PR BIT MAT (TACK COAT)
- P5 PR POLY HMA BINDER CSE, IL-19.0, N90, 2 1/4"
- P6 PR POLY HMA SURF CSE, IL-9.5, MIX "E", N90, 1 1/2"
- P7 PR AGG WEDGE SHOULDER TYPE B
- P8 PR AGG SHOULDER TYPE B

PROPOSED TYPICAL SECTION

STA. 1625+17 TO STA. 1630+00

PROPOSED TYPICAL SECTION

STA. 1630+00 TO STA. 1634+50

PROPOSED TYPICAL SECTION

STA. 1634+50 TO STA. 1642+35

LONGITUDINAL JOINT SEALANT – DETAIL

TYPICAL SECTION NOTES

- REPLACE GUARDRAIL FROM STA. 1636+82 TO STA. 1654+41
- TURN LANE TRANSITIONS FROM 0' TO 13' FROM STA. 1630+00 TO STA. 1632+00
- TURN LANE TRANSITIONS FROM 12' TO 0' FROM STA. 1638+31 TO STA. 1640+21
- TURN LANE TRANSITIONS FROM 13' TO 0' FROM STA. 1637+50 TO STA. 1639+42

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: SHEET 11 OF 13 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	15
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

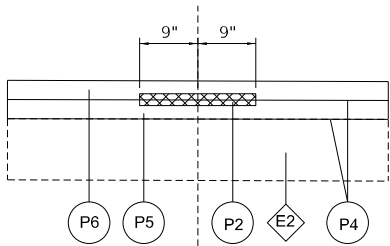
* FAP 2/FAU 9105

TYPICAL SECTION LEGEND

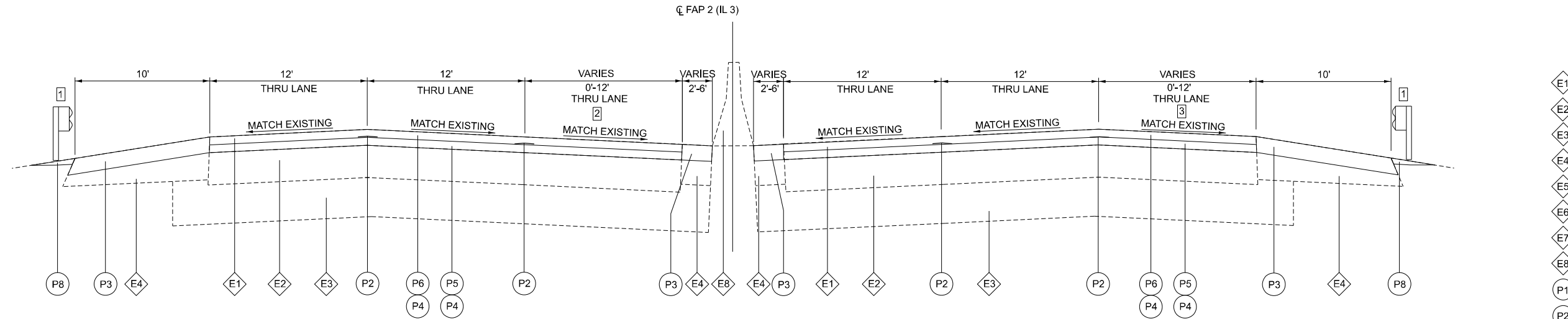
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- E2 EXISTING CRC PAVEMENT, 7"
- E3 EXISTING SUB-BASE
- E4 EXISTING HMA SHOULDERS, 8"
- E5 EXISTING AGGREGATE SHOULDERS
- E6 EXISTING CONCRETE CURB & GUTTER, B-6.12
- E7 EXISTING CONCRETE MEDIAN
- E8 EXISTING CONCRETE BARRIER
- P1 PR HMA SURF REM, 2 1/2"
- P2 PR LONGITUDINAL JT SEALANT
- P3 PR HMA SHOULDER, 3 3/4"
- P4 PR BIT MAT (TACK COAT)
- P5 PR POLY HMA BINDER CSE, IL-19.0, N90, 2 1/4"
- P6 PR POLY HMA SURF CSE, IL-9.5, MIX "E", N90, 1 1/2"
- P7 PR AGG WEDGE SHOULDER TYPE B
- P8 PR AGG SHOULDER TYPE B

TYPICAL SECTION NOTES

- 1 REPLACE GUARDRAIL FROM STA. 1726+32 TO STA. 1728+74
- 2 TURN LANE TRANSITIONS FROM 12' TO 0' FROM STA. 1731+52 TO STA. 1733+98
- 3 TURN LANE TRANSITIONS FROM 12' TO 0' FROM STA. 1722+81 TO STA. 1727+61
- 4 TURN LANE TRANSITIONS FROM 0' TO 12' FROM STA. 1704+55 TO STA. 1711+37
- 5 TURN LANE TRANSITIONS FROM 0' TO 12' FROM STA. 1708+00 TO STA. 1709+97
- 6 TURN LANE TRANSITIONS FROM 12' TO 0' FROM STA. 1717+41 TO STA. 1719+67

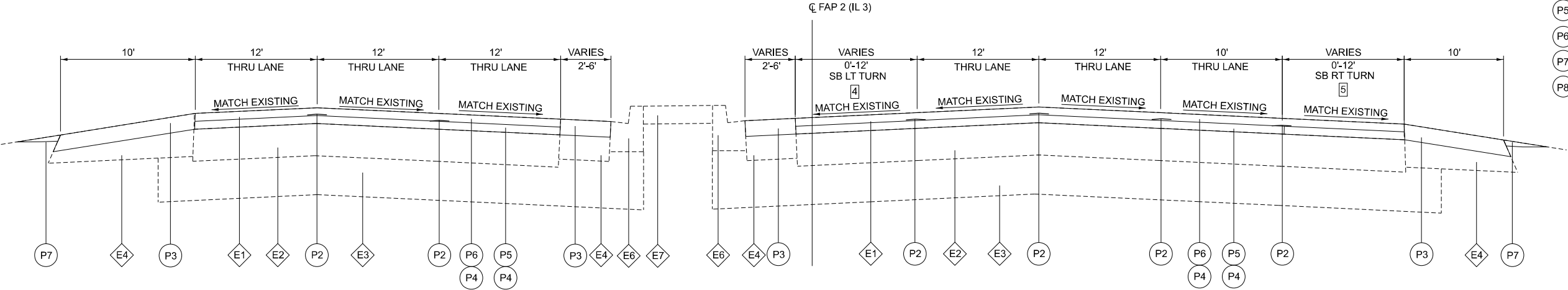


LONGITUDINAL JOINT SEALANT – DETAIL



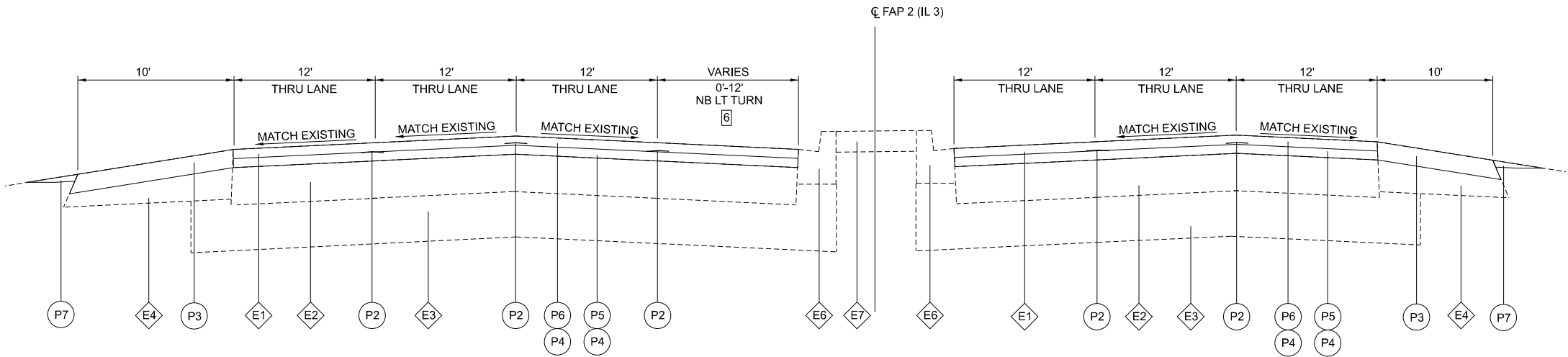
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STA. 1648+23 TO STA. 1708+00
STA. 1719+67 TO STA. 1734+00



PROPOSED TYPICAL SECTION

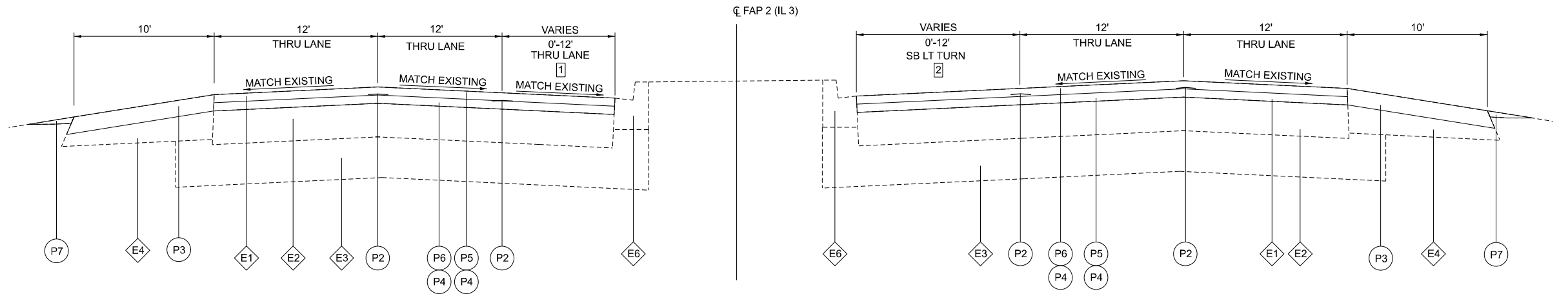
STA. 1708+00 TO STA. 1714+20



PROPOSED TYPICAL SECTION

STA. 1714+20 TO STA. 1719+67

MODEL: Typical=7 [Sheet]
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PROPOSED TYPICAL SECTION

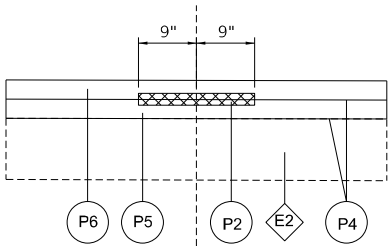
STA. 1741+11 TO STA. 1747+12

TYPICAL SECTION LEGEND

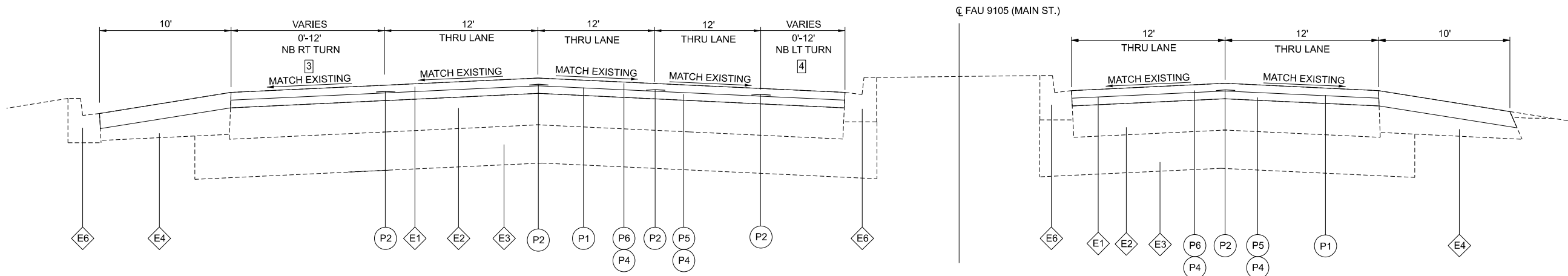
E1	EXISTING HMA, 2 1/2"	P1	PR HMA SURF REM, 2 1/2"
E2	EXISTING CRC PAVEMENT, 7"	P2	PR LONGITUDINAL JT SEALANT
E3	EXISTING SUB-BASE	P3	PR HMA SHOULDER, 3 3/4"
E4	EXISTING HMA SHOULDERS, 8"	P4	PR BIT MAT (TACK COAT)
E5	EXISTING AGGREGATE SHOULDERS	P5	PR POLY HMA BINDER CSE, IL-19.0, N90, 2 1/4"
E6	EXISTING CONCRETE CURB & GUTTER, B-6.12	P6	PR POLY HMA SURF CSE, IL-9.5, MIX "E", N90, 1 1/2"
E7	EXISTING CONCRETE MEDIAN	P7	PR AGG WEDGE SHOULDER TYPE B
E8	EXISTING CONCRETE BARRIER	P8	PR AGG SHOULDER TYPE B

TYPICAL SECTION NOTES

- TURN LANE TRANSITIONS FROM 0' TO 12' FROM STA. 1741+11 TO STA. 1745+82
- TURN LANE TRANSITIONS FROM 0' TO 16' FROM STA. 1744+77 TO STA. 1746+53
- TURN LANE TRANSITIONS FROM 16' TO 0' FROM STA. 1747+95 TO STA. 1752+14
- TURN LANE TRANSITIONS FROM 0' TO 12' FROM STA. 1741+11 TO STA. 1745+82



LONGITUDINAL JOINT SEALANT – DETAIL



PROPOSED TYPICAL SECTION

STA. 1747+12 TO STA. 1753+09

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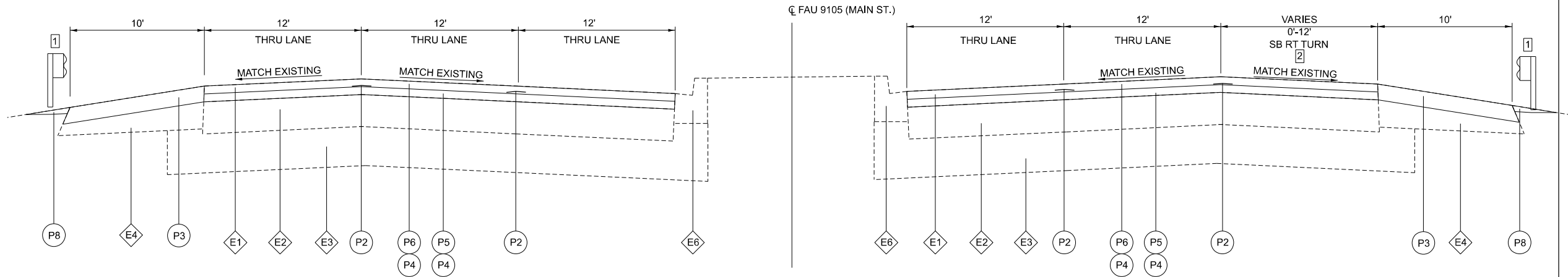
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: SHEET 12 OF 13 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	16
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105



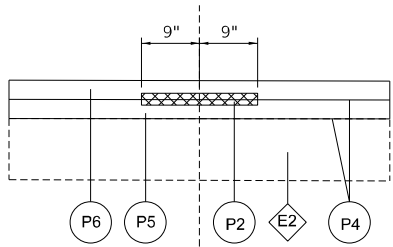
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STA. 1753+09 TO STA. 1759+91

TYPICAL SECTION LEGEND

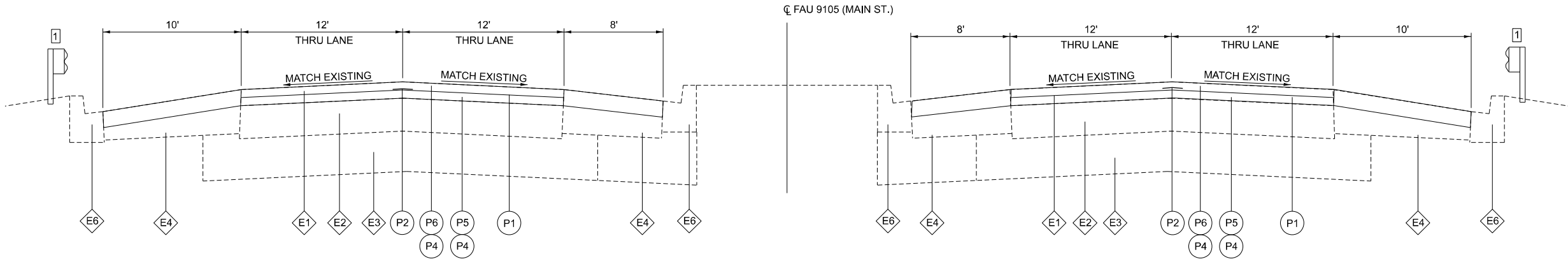
- | | | | |
|----|---|----|--|
| E1 | EXISTING HMA, 2 1/2" | P1 | PR HMA SURF REM, 2 1/2" |
| E2 | EXISTING CRC PAVEMENT, 7" | P2 | PR LONGITUDINAL JT SEALANT |
| E3 | EXISTING SUB-BASE | P3 | PR HMA SHOULDER, 3 3/4" |
| E4 | EXISTING HMA SHOULDERS, 8" | P4 | PR BIT MAT (TACK COAT) |
| E5 | EXISTING AGGREGATE SHOULDERS | P5 | PR POLY HMA BINDER CSE, IL-19.0, N90, 2 1/4" |
| E6 | EXISTING CONCRETE CURB & GUTTER, B-6.12 | P6 | PR POLY HMA SURF CSE, IL-9.5, MIX "E", N90, 1 1/2" |
| E7 | EXISTING CONCRETE MEDIAN | P7 | PR AGG WEDGE SHOULDER TYPE B |
| E8 | EXISTING CONCRETE BARRIER | P8 | PR AGG SHOULDER TYPE B |

TYPICAL SECTION NOTES

- 1 REPLACE GUARDRAIL FROM STA. 1761+75 TO STA. 1764+68
STA. 1761+58 TO STA. 1764+68
2 TURN LANE TRANSITIONS FROM 0' TO 12' FROM STA. 1753+13 TO STA. 1758+38



LONGITUDINAL JOINT SEALANT – DETAIL



PROPOSED TYPICAL SECTION
STA. 1759+91 TO STA. 1764+68

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PLOT DATE = 1/17/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: SHEET 13 OF 13 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	17
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

QUANTITY
SCHEDULES

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	18
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105

PAVEMENT SCHEDULE

STATION	STATION	DIRECTION	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT (SQ YD)	PORTLAND CEMENT CONCRETE SURFACE REMOVAL BUTT JOINT (SQ YD)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE IL-9.5, MIX "E", N90 (TON)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE IL-19.0, N90 (TON)	MATERIAL TRANSFER DEVICE (TON)	BITUMINOUS MATERIALS (TACK COAT) (LB)	LONGITUDINAL JOINT SEALANT (FOOT)	TEMPORARY RAMP (SQ YD)	HOT-MIX ASPHALT SHOULDERS (TON)	AGGREGATE WEDGE SHOULDER, TYPE B (TON)
IL ROUTE 3													
1424+27	1429+74	NB	2,398	167		131	196	327	1,052	676	22	176	53
		SB	2,363	320		141	211	352	1,129	349	108	95	53
1429+74	1463+53	NB	19,539			964	1,446	2,410	7,747	4,632	33	1,488	329
		SB	16,968	98	189	898	1,347	2,245	7,218	4,545	86	1,316	329
1463+53	1475+73	NB	6,500	168		369	553	922	2,964	1,973	100	443	119
		SB	5,750	165	173	301	452	753	2,420	1,375	114	455	119
1490+73	1545+73	NB	26,130	396		1,279	1,919	3,198	10,279	5,911	67	2,289	481
		SB	25,865	399		1,241	1,862	3,103	9,974	5,540	67	2,329	469
1547+51	1561+00	NB	6,372	231	130	317	475	792	2,545	1,365	153	547	65
		SB	6,306	231	83	320	479	799	2,569	1,333	73	542	24
1561+00	1582+16	ND	9,555		173	490	735	1,225	3,939	2,213	141	781	178
		SB	10,140		241	559	838	1,397	4,491	2,620	81	732	178
1582+16	1607+95	NB	10,226	167	67	623	934	1,557	5,005	3,104	93	590	125
		SB	9,939	167	110	598	898	1,496	4,808	2,646	74	591	125
1625+17	1634+50	NB	5,323	251		368	552	920	2,958	1,933	61	188	45
		SB	5,147	403		358	538	896	2,879	2,267	79	158	45
1634+50	1642+35	NB	5,425	250		394	591	985	3,165	2,617	57	155	12
		SB	4,117	366		283	424	707	2,270	1,614	107	159	38
1648+23	1686+89	NB	19,862	308		1,304	1,957	3,261	10,482	7,764		910	159
		SB	19,657	308		1,294	1,940	3,234	10,394	7,698		894	164
1686+89	1714+20	NB	14,044		128	1,003	1,505	2,508	8,061	5,508	66	611	133
		SB	14,410		134	990	1,485	2,475	7,957	6,225	112	518	133
1714+20	1746+82	NB	17,980		122	1,078	1,617	2,695	8,662	6,409	69	1,081	193
		SB	16,616		133	948	1,423	2,371	7,621	5,064	144	1,118	183
MAIN STREET													
1746+82	1758+78	NB	6,116			514	771	1,285	4,128	3,177	95		58
		SB	6,840			426	639	1,065	3,423	2,118	77	372	58
1750+70	1764+68	NB	1,937	164		163	244	407	1,307	814	42		12
		SB	2,478	164		179	269	448	1,440	797	57	72	13
PONTOON ROAD RAMP													
1482+04	1490+73	EB	3,512	97		127	191	318	1,022		13	420	84
TOTAL			301,595	4,820	1,683	17,660	26,491	44,151	141,909	92,287	2,191	19,030	3977

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PLOT DATE	= 1/17/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

QUANTITY
SCHEDULES

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	19
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105

GUARDRAIL SCHEDULE

BEGIN STATION	END STATION	END OFFSET	GUARDRAIL REMOVAL (FOOT)	AGGREGATE SHOULDERS TYPE B (TON)	GUARDRAIL REFLECTORS TYPE A (EACH)	STEEL PLATE BEAM GUARDRAIL TYPE A 6 FOOT POSTS (FOOT)	TRAFFIC BARRIER TERMINAL				TERMINAL MARKER DIRECT APPLIED (EACH)
							TYPE 1 (\$SPECIAL) TANGENT (EACH)	TYPE 2 (EACH)	TYPE 6 (EACH)	TYPE 6B (SPECIAL) (EACH)	
IL ROUTE 3											
1534+00	1545+73	NB RT	1,116	175	133	1,062.5		1		1	
1534+00	1545+73	SB RT	1,081	172	13	1,000.0	1			1	1
1534+00	1545+73	SB LT	336	55	3	250.0	1			1	1
1547+50	1559+00	NB RT	1,086	173	13	1,000.0	1			1	1
1547+50	1559+00	NB LT	345	57	3	262.5	1			1	1
1547+50	1559+00	SB RT	1,096	172	13	1,050.0		1		1	
1594+00	1604+00	SB RT	1,100	164	13	1,050.0	1	1			1
1637+00	1642+34	NB RT	537	11	6	487.5		1	1		
1648+00	1654+40	NB RT	640	25	7	537.5			1		
1648+00	1654+40	SB RT	500	26	6	450.0	1	1	1		1
1726+37	1728+38	SB RT	200		2	137.5	1	1			1
MAIN STREET											
1761+58	1764+68	NB RT	305		4	300.0		1			
1761+58	1764+68	SB RT	305		3	262.5	1				1
TOTAL			8,647	1,030	218	7,850.0	8	7	3	6	8

MEDIAN SCHEDULE

BEGIN STATION	END STATION	LOCATION	COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.06 (FOOT)	COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 (FOOT)	CONCRETE MEDIAN SURFACE 4 INCH (SQ FT)	CURB REFLECTORS (EACH)	PAINT CURB (FOOT)
IL ROUTE 3							
1722+50	1730+78	SB RT EOP					823
1745+77	1746+52	SB ISLAND	62	99	882	22	161
MAIN STREET							
1760+14	1761+34	NB RT EOP					125
NIEDRINGHAUS AVENUE							
1634+06	1634+20	WB ISLAND					52
1634+68	1634+88	WB ISLAND					78
TOTAL			62	99	882	22	1,239

DELINEATORS SCHEDULE

BEGIN STATION	END STATION	LOCATION	SPACING (FOOT)	DELINEATORS (EACH)
IL ROUTE 3				
1722+50	1730+78	SB RT EOP	100	9
MAIN STREET				
1760+15	1761+34	NB RT EOP	20	7
TOTAL				16

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

QUANTITY
SCHEDULES

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	20
CONTRACT NO. 76U26				
ILLINOIS		FED. AID PROJECT		

* FAP 2/FAU 9105

PAVEMENT PATCHING SCHEDULE

PATCH	MILE MARKER	STATION	DIRECTION	LANE	LENGTH (FOOT)	WIDTH (FOOT)	CLASS A PATCHES				PATCHING REINFORCEMENT (SQ YD)	SAW CUTS (FOOT)
							TYPE I 9" (SQ YD)	TYPE II 9" (SQ YD)	TYPE III 9" (SQ YD)	TYPE IV 9" (SQ YD)		
1	6.04	1445+89	NB	DL	4	12		5.3			5.3	40.0
2	6.04	1445+89	NB	PL	4	12		5.3			5.3	40.0
3	6.02	1446+94	NB	DL	4	12		5.3			5.3	40.0
4	6.02	1446+94	NB	PL	4	12		5.3			5.3	40.0
5	6.00	1448+00	NB	PL	6	12		8.0			8.0	48.0
6	5.95	1450+64	NB	DL	4	12		5.3			5.3	40.0
7	5.95	1450+64	NB	PL	4	12		5.3			5.3	40.0
8	5.85	1455+92	NB	PL	6	6	4.0				4.0	36.0
9	5.80	1458+56	NB	PL	15	6		10.0			10.0	72.0
10	5.75	1461+20	SB	DL	6	12		8.0			8.0	48.0
11	5.73	1462+26	NB	DL	10	6		6.7			6.7	52.0
12	5.73	1462+26	NB	ON RAMP	10	6		6.7			6.7	52.0
13	4.73	1515+06	SB	DL	6	12		8.0			8.0	48.0
14	4.70	1516+64	SB	DL	8	12		10.7			10.7	56.0
15	3.95	1556+24	NB	PL	6	12		8.0			8.0	48.0
16	3.85	1561+52	SB	DL	5	12		6.7			6.7	44.0
17	3.62	1573+66	SB	DL	15	6		10.0			10.0	72.0
18	3.33	1588+08	NB	DL	4	12		5.3			5.3	40.0
19	3.25	1593+20	NB	DL	6	6	4.0				4.0	36.0
20	3.20	1595+84	NB	PL	8	12		10.7			10.7	56.0
21	3.11	1600+59	NB	DL	20	6		8.0			8.0	48.0
22	3.10	1601+12	NB	DL	20	6		13.3			13.3	92.0
23	3.05	1603+76	SB	DL	5	12		6.7			6.7	44.0
24	3.05	1603+76	SB	PL	5	12		6.7			6.7	44.0
25	2.55	1630+16	SB	LT TURN	15	6		10.0			10.0	72.0
26	2.25	1646+00	NB	PL	4	12		5.3			5.3	40.0
27	1.09	1707+25	NR	DI	25	12				33.3	33.3	124.0
28	1.09	1707+25	NB	ML	25	12				33.3	33.3	124.0
29	1.09	1707+25	NB	PL	25	12				33.3	33.3	124.0
30	1.08	1707+78	NB	ML	25	6			16.7		16.7	112.0
31	1.05	1709+36	NB	ML	50	6				33.3	33.3	212.0
32	0.80	1722+56	NB	DL	30	6			20.0		20.0	132.0
33	0.70	1727+84	SB	DL	110	12				146.7	146.7	464.0
34	0.60	1733+12	SB	PL	30	12				40.0	40.0	144.0
35	0.57	1734+70	SB	DL	80	12				106.7	106.7	132.0
36	0.57	1734+70	SB	PL	30	6			20.0		20.0	344.0
37	0.55	1735+76	NB	DL	12	12			16.0		16.0	72.0
38	0.55	1735+76	SB	PL	50	6				33.3	33.3	212.0
39	0.45	1741+04	NB	DL	30	12				40.0	40.0	144.0
40	0.45	1741+04	SB	DL	30	12				40.0	40.0	144.0
41	0.44	1741+57	NR	PI	25	6			16.7		16.7	112.0
42	0.43	1742+10	NB	DL	30	12				40.0	40.0	104.0
43	0.43	1742+10	NB	PL	20	12				26.7	26.7	144.0
44	0.40	1743+68	NB	OUT SHLD	6	10		6.7			6.7	44.0
45	0.40	1743+68	SB	DL	12	12			16.0		16.0	72.0
46	0.32	1747+90	NB	DL	4	12		5.3			5.3	40.0
47	0.30	1748+96	NB	DL	4	12		5.3			5.3	40.0
INTERSECTION PATCHING												
NORTHGATE INDUSTRIAL DRIVE												
48	1427+23.67	1432+23.67	NB	ALL	500	VARIES				1811.6	1811.6	973.0
49	1427+23.67	1432+23.67	SB	ALL	500	24				1480.8	1480.8	863.2
GRANITE PARK DRIVE												
50	1462+31.96	1465+22.21	NB	ALL	290	VARIES				1273.3	1273.3	556.4
51	1462+31.96	1465+22.21	SB	ALL	290	VARIES				1126.3	1126.3	484.8
ROCK ROAD												
52	1578+93.47	1585+71.63	NB	ALL	678	VARIES				2358.6	2358.6	1375.0
53	1578+93.47	1585+71.63	SB	ALL	679	VARIES				2305.6	2305.6	1340.5
NIEDRINGHAUS AVENUE												
54	1631+86.51	1637+48.56	NB	ALL	562	VARIES				3211.9	3211.9	2154.1
55	1631+86.51	1637+48.56	SB	ALL	562	VARIES				2624.2	2624.2	1763.3
BISSELL STREET												
56	1711+95.55	1717+55.33	NB	ALL	560	VARIES				2729.0	2729.0	1903.3
57	1711+95.55	1717+55.33	SB	ALL	560	VARIES				3006.5	3006.5	1820.1
BROADWAY												
58	1744+00.00	1747+06.85	NB	ALL	307	VARIES				1318.2	1318.2	701.7
59	1744+00.00	1747+06.85	SB	ALL	307	VARIES				1547.3	1547.3	590.2
TOTAL							8	198	105	25,400	25,712	18,854

PAVEMENT MARKING SCHEDULE (PART 1 OF 3)

BEGIN STATION	END STATION	DIRECTION	DESCRIPTION	COLOR	SHORT TERM PAVEMENT MARKING (FOOT)	SHORT TERM PAVEMENT MARKING REMOVAL (SQ FT)	TEMPORARY PAVEMENT MARKING - PAINT					PAVEMENT MARKING REMOVAL - WATER BLASTING (SQ FT)	THERMOPLASTIC PAVEMENT MARKING					RAISED REFLECTIVE PAVEMENT MARKER (CRYSTAL) (EACH)	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)
							LETTERS AND SYMBOLS (SQ FT)	LINE 6" (FOOT)	LINE 8" (FOOT)	LINE 12" (FOOT)	LINE 24" (FOOT)		LETTERS AND SYMBOLS (SQ FT)	LINE 6" (FOOT)	LINE 8" (FOOT)	LINE 12" (FOOT)	LINE 24" (FOOT)		
IL ROUTE 3																			
1424+27	1429+74	NB	EDGE LINE	WHITE	12	4.0		547				273.5		547					
		NB	EDGE LINE	YELLOW	12	4.0		515				257.5		515					
		NB	10'-30' SKIP	WHITE	12	4.0		123				01.5		123			7	7	
		SB	EDGE LINE	WHITE	12	4.0		400				204.0		400					
		SB	EDGE LINE	YELLOW	12	4.0		545				272.5		545					
		SB	10'-30' SKIP	WHITE	12	4.0		127				63.5		127			7	7	
		SB	STOP BAR	WHITE							24	48.0					24		
1429+74	1463+53	NB	TURN ARROW	WHITE			31.2					31.2	31.2						
		NB	EDGE LINE	WHITE	68	22.3		3205				1602.5		3205			13	13	
		NB	EDGE LINE	YELLOW	68	23.0		3473				1736.5		3473					
		NB	LANE LINE	WHITE	24	8.0		240				120.0		240			6	6	
		NB	10'-30' SKIP	WHITE	80	26.7		859				429.5		859			43	43	
		NB	2'-6' SKIP	WHITE	8	21.3		72				36.0		72					
		NB	STOP BAR	WHITE							36	72.0					36		
		SB	TURN ARROW	WHITE			62.4					62.4	62.4						
		SB	EDGE LINE	WHITE	64	21.3		3179				1589.5		3179					
		SB	EDGE LINE	YELLOW	68	22.7		3309				1654.5		3309					
		SB	LANE LINE	WHITE	68	22.7		726				363.0		726			18	18	
		SB	10'-30' SKIP	WHITE	76	25.3		820				410.0		820			41	41	
		SB	2'-6' SKIP	WHITE	12	4.0		98				49.0		98					
		SB	STOP BAR	WHITE							36	72.0					36		
1463+53	1475+72	NB	TURN ARROW	WHITE			46.8					46.8	46.8						
		NB	EDGE LINE	WHITE	24	8.0		1129				564.5		1129					
		NB	EDGE LINE	YELLOW	24	8.0		1164				582.0		1164					
		NB	LANE LINE	WHITE	32	10.7		333				166.5		333			8	8	
		NB	10'-30' SKIP	WHITE	28	9.3		289				144.5		289			14	14	
		NB	2'-6' SKIP	WHITE	8	2.7		54				27.0		54					
		NB	STOP BAR	WHITE							36	72.0					36		
		SB	EDGE LINE	WHITE	24	8.0		1056				528.0		1056					
		SB	EDGE LINE	YELLOW	24	8.0		1197				598.5		1197					
		SB	10'-30' SKIP	WHITE	28	9.3		285				142.5		285			14	14	
1490+73	1561+00	NB	EDGE LINE	WHITE	140	46.7		6801				3400.5		6801					
		NB	EDGE LINE	YELLOW	144	48.0		7012				3506.0		7012					
		NB	10'-30' SKIP	WHITE	160	53.3		1736				868.0		1736			88	88	
		NB	GORE EDGE	WHITE					491			327.3			491				
		SB	EDGE LINE	WHITE	144	48.0		7062				3531.0		7062					
		SB	EDGE LINE	YELLOW	144	48.0		7043				3521.5		7043					
		SB	10'-30' SKIP	WHITE	164	54.7		1763				881.5		1763			88	88	
1561+00	1582+16	NB	EDGE LINE	WHITE	44	14.7		2056				1028.0		2056					
		NB	EDGE LINE	YELLOW	44	14.7		2102				1051.0		2102					
		NB	10'-30' SKIP	WHITE	48	16.0		512				256.0		512			26	26	
		SB	EDGE LINE	WHITE	44	14.7		2054				1027.0		2054					
		SB	EDGE LINE	YELLOW	44	14.7		2086				1043.0		2086					
		SB	LANE LINE	WHITE	28	9.3		278				139.0		278			7	7	
		SB	10'-30' SKIP	WHITE	48	16.0		516				258.0		516			20	20	
		SB	2'-6' SKIP	WHITE	8	2.7		53				26.5		53					
		SB	TURN ARROW	WHITE			31.2					31.2	31.2						
		SB	STOP BAR	WHITE							36	72.0					36		
1582+16	1607+95	NB	TURN ARROW	WHITE			31.2					31.2	31.2						
		NB	EDGE LINE	WHITE	52	17.3		2507				1253.5		2507					
		NB	EDGE LINE	YELLOW	52	17.3		2535				1267.5		2535					
		NB	10'-30' SKIP	WHITE	60	20.0		630				315.0		630			32	32	
		NB	LANE LINE	WHITE	24	8.0		264				132.0		264			7	7	
		NB	STOP BAR	WHITE							36	72.0					36		
		SB	EDGE LINE	WHITE	52	17.3		2528				1264.0		2528					
		SB	EDGE LINE	YELLOW	52	17.3		2589				1294.5		2589					
		SB	10'-30' SKIP	WHITE	60	20.0		642				321.0		642			32	32	

MODEL: Schedules-4 [Sheet]
FILE NAME: H:\8066_DOT_Dwg8_PTB194_05918066_190_WO_19_IL Route 3\CAD_Sheets\08761U26-sh-schedules.dgn



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

QUANTITY
SCHEDULES

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	21
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105

PAVEMENT MARKING SCHEDULE (PART 2 OF 3)

BEGIN STATION	END STATION	DIRECTION	DESCRIPTION	COLOR	SHORT TERM PAVEMENT MARKING (FOOT)	SHORT TERM PAVEMENT MARKING REMOVAL (SQ FT)	TEMPORARY PAVEMENT MARKING - PAINT					PAVEMENT MARKING REMOVAL - WATER BLASTING (SQ FT)	THERMOPLASTIC PAVEMENT MARKING					RAISED REFLECTIVE PAVEMENT MARKER (CRYSTAL) (EACH)	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)
							LETTERS AND SYMBOLS (SQ FT)	LINE 6" (FOOT)	LINE 8" (FOOT)	LINE 12" (FOOT)	LINE 24" (FOOT)		LETTERS AND SYMBOLS (SQ FT)	LINE 6" (FOOT)	LINE 8" (FOOT)	LINE 12" (FOOT)	LINE 24" (FOOT)		
IL ROUTE 3																			
1625+17	1634+50	NB	EDGE LINE	WHITE	20	6.7		877				438.5		877					
		NB	EDGE LINE	YELLOW	20	6.7		887				443.5		887					
		NB	10'-30' SKIP	WHITE	44	14.7		444				222.0		444			22	22	
		NB	CROSSWALK	WHITE						174		174.0				174			
		SB	EDGE LINE	WHITE	20	6.7		887				443.5		887					
		SB	EDGE LINE	YELLOW	20	6.7		880				440.0		880					
		SB	LANE LINE	WHITE	20	6.7		198				99.0		198			5	5	
		SB	10'-30' SKIP	WHITE	44	14.7		444				222.0		444			22	22	
		SB	2'-6' SKIP	WHITE	4	1.3		40				20.0		40					
		SB	TURN ARROW	WHITE			31.2					31.2	31.2						
		SB	CROSSWALK	WHITE						232		232.0				232			
		SB	STOP BAR	WHITE							48	96.0					48		
1634+50	1686+89	NB	TURN ARROW	WHITE			62.4					62.4	62.4						
		NB	EDGE LINE	WHITE	104	34.7		5155				2577.5		5155					
		NB	EDGE LINE	YELLOW	104	34.7		5195				2597.5		5195					
		NB	LANE LINE	WHITE	56	18.7		597				298.5		597			14	14	
		NB	10'-30' SKIP	WHITE	236	78.7		2589				1294.5		2589			129	129	
		NB	2'-6' SKIP	WHITE	12	4.0		108				54.0		108					
		NB	STOP BAR	WHITE							48	96.0					48		
		SB	EDGE LINE	WHITE	104	34.7		5129				2564.5		5129					
		SB	EDGE LINE	YELLOW	108	36.0		5205				2602.5		5205					
		SB	10'-30' SKIP	WHITE	236	78.7		2567				1283.5		2567			128	128	
1686+89	1714+20	NB	EDGE LINE	WHITE	56	18.7		2662				1331.0		2662					
		NB	EDGE LINE	YELLOW	56	18.7		2698				1349.0		2698					
		NB	10'-30' SKIP	WHITE	124	41.3		1333				666.5		1333			67	67	
		SB	EDGE LINE	WHITE	56	18.7		2609				1304.5		2609					
		SB	EDGE LINE	YELLOW	56	18.7		2687				1343.5		2687					
		SB	LANE LINE	WHITE	44	14.7		443				221.5		443			7	7	
		SB	10'-30' SKIP	WHITE	124	41.3		1337				668.5		1337			67	67	
		SB	2'-6' SKIP	WHITE	12	4.0		112				56.0		112					
		SB	TURN ARROW	WHITE			62.4					62.4	62.4						
		SB	STOP BAR	WHITE							48	96.0					48		
1714+20	1746+82	NB	TURN ARROW	WHITE			46.8					46.8	46.8						
		NB	LANE DROP	WHITE			83.0					83.0	83.0						
		NB	EDGE LINE	WHITE	64	21.3		3170				1585.0		3170					
		NB	EDGE LINE	YELLOW	64	21.3		3197				1598.5		3197					
		NB	LANE LINE	WHITE	28	9.3		287				143.5		287					
		NB	10'-30' SKIP	WHITE	120	40.0		1277				638.5		1277			64	64	
		NB	2'-6' SKIP	WHITE	12	5.3		108				54.0		108					
		NB	STOP BAR	WHITE							48	96.0					48		
		SB	EDGE LINE	WHITE	64	21.3		3135				1567.5		3135					
		SB	EDGE LINE	YELLOW	68	22.7		3227				1613.5		3227					
		SB	10'-30' SKIP	WHITE	76	25.3		799				399.5		799			40	40	
		SB	2'-6' SKIP	WHITE	20	6.7		261				130.5		261					
		SB	LANE DROP	WHITE			124.5					124.5	124.5						
		SB	TURN ARROW	WHITE			15.6					15.6	15.6						
		SB	ISLAND	WHITE					217			144.7			217				
		SB	STOP BAR	WHITE							45	90.0					45		
MAIN STREET																			
1746+82	1758+78	NB	TURN ARROW	WHITE			62.4					62.4	62.4						
		NB	EDGE LINE	WHITE	24	8.0		1095				547.5		1095			4	4	
		NB	EDGE LINE	YELLOW	24	8.0		1143				571.5		1143					
		NB	LANE LINE	WHITE	28	9.3		296				148.0		296			7	7	
		NB	10'-30' SKIP	WHITE	52	17.3		558				279.0		558			28	28	
		NB	2'-6' SKIP	WHITE	8	2.7		72				36.0		72					
		NB	STOP BAR	WHITE							88	176.0					88		
		SB	EDGE LINE	WHITE	24	8.0		1106				553.0		1106					
		SB	EDGE LINE	YELLOW	24	8.0		1118				559.0		1118					
		SB	LANE LINE	WHITE	16	5.3		141				70.5		141			2	2	
		SB	10'-30' SKIP	WHITE	28	9.3		283				141.5		283			14	14	
		SB	2'-6' SKIP	WHITE	8	8.3		302				151.0		302					
		SB	TURN ARROW	WHITE			93.6					93.6	93.6						
		SB	GORE EDGE	WHITE					673			448.7			673		14	14	
		SB	DIAGONALS	WHITE						691		691.0				691			

MODEL: Schedules-5 [Sheet]
FILE NAME: H:\8066_DOT_DWG_PTB194_059\8066_190_WO_19_IL Route 3\CAD_Sheets\0876\26-sh-schedules.dgn



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

QUANTITY
SCHEDULES

SCALE:	SHEET 5	OF 6	SHEETS	STA.	TO STA.
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F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	22
		CONTRACT NO. 76U26		
ILLINOIS		FED. AID PROJECT		

PAVEMENT MARKING SCHEDULE (PART 3 OF 3)

BEGIN STATION	END STATION	DIRECTION	DESCRIPTION	COLOR	SHORT TERM PAVEMENT MARKING (FOOT)	SHORT TERM PAVEMENT MARKING REMOVAL (SQ FT)	TEMPORARY PAVEMENT MARKING - PAINT					PAVEMENT MARKING REMOVAL - WATER BLASTING (SQ FT)	THERMOPLASTIC PAVEMENT MARKING					RAISED REFLECTIVE PAVEMENT MARKER (CRYSTAL) (EACH)	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)
							LETTERS AND SYMBOLS (SQ FT)	LINE 6" (FOOT)	LINE 8" (FOOT)	LINE 12" (FOOT)	LINE 24" (FOOT)		LETTERS AND SYMBOLS (SQ FT)	LINE 6" (FOOT)	LINE 8" (FOOT)	LINE 12" (FOOT)	LINE 24" (FOOT)		
MAIN STREET																			
1758+78	1764+68	NB	EDGE LINE	WHITE	12	4.0		551				275.5		551					
		NB	EDGE LINE	YELLOW	12	4.0		564				282.0		564					
		NB	10'-30' SKIP	WHITE	16	5.3		154				77.0		154				8	8
		NB	DIAGONALS	WHITE						99		99.0				99			
		SB	EDGE LINE	WHITE	12	4.0		552				276.0		552					
		SB	EDGE LINE	YELLOW	12	4.0		575				287.5		575					
		SB	LANE LINE	WHITE	20	6.7		189				94.5		189					
		SB	10'-30' SKIP	WHITE	16	5.3		133				66.5		133				13	13
		SB	ISLAND	WHITE					246			164.0			246				
		SB	DIAGONALS	WHITE						234		234.0				234			
		SB	STOP BAR	WHITE							34	68.0					34		
MISSOURI AVENUE																			
1463+53		WB	TURN ARROW	WHITE			62.4					62.4	62.4						
		WB	EDGE LINE	WHITE	20	6.7		974				487.0		974					
		WB	LANE LINE	WHITE	16	5.3		161				80.5		161				4	4
		WB	GORE EDGE	WHITE					411			274.0			411			8	8
		WR	ISI AND	WHITE					263			175.3			263				
		WB	DIAGONALS	WHITE						269		269.0				269			
		WB	STOP BAR	WHITE							47	94.0					47		
PONTTOON ROAD EB RAMP																			
1279+77		EB	EDGE LINE	WHITE	44	15		2137				1068.5		2137				12	12
NIEDRINGHAUS AVE																			
1634+50		WB	TURN ARROW	WHITE			31.2					31.2	31.2						
		WB	EDGE LINE	WHITE	8	2.7		275				137.5		275					
		WB	EDGE LINE	YELLOW	4	1.3		192				96.0		192					
		WB	LANE LINE	WHITE	16	5.3		143				71.5		143				2	2
		WB	ISLAND	WHITE					443			295.3			443				
		WB	DIAGONALS	WHITE						120		120.0				120			
		WB	CROSSWALK	WHITE						190		190.0				190			
		WB	STOP BAR	WHITE							57	114.0					57		
TOTAL					4,996	1,691	878	149,780	2,744	2,009	667	80,941	878	149,780	2,744	2,009	667	1,158	1,158

MODEL: Schedules-6 [Sheet]
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

QUANTITY
SCHEDULES

SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	23
CONTRACT NO. 76U26				
ILLINOIS		FED. AID PROJECT		

MODEL: Alignment Layout-1 [Sheet]
FILE NAME: H:\8066_DOT_DWG_PTB194_059\8066_190_WO_19_IL Route 3\CAD_Sheets\0876\U26-shh-locationmap.dgn

END PROJECT
STA. 1764+68
(EX BUTT JT)
LAT: 38.667244°
LONG: -90.175985°



USER NAME	= tkruup	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 1/13/2025	DATE	-	REVISED	-

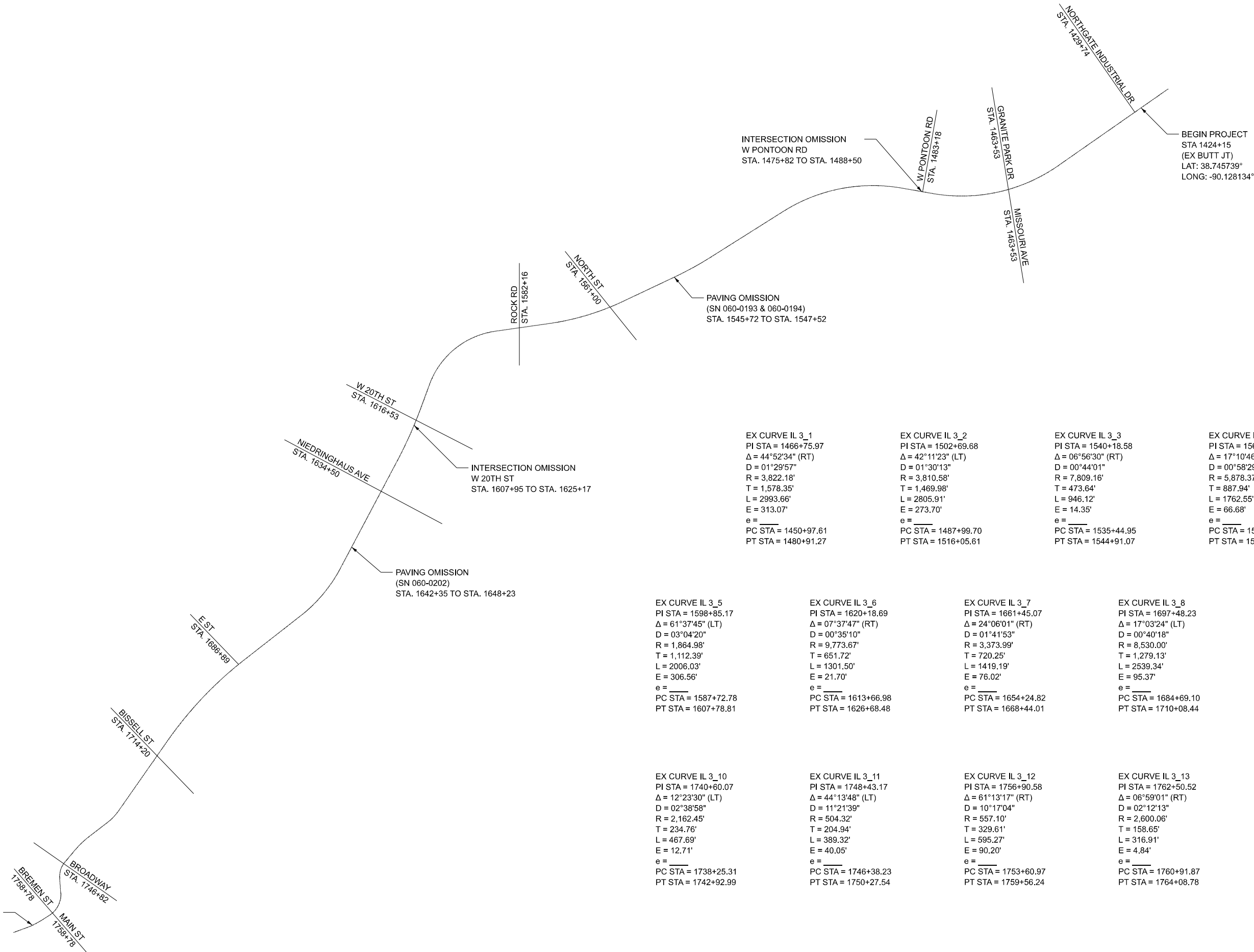
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	24
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105



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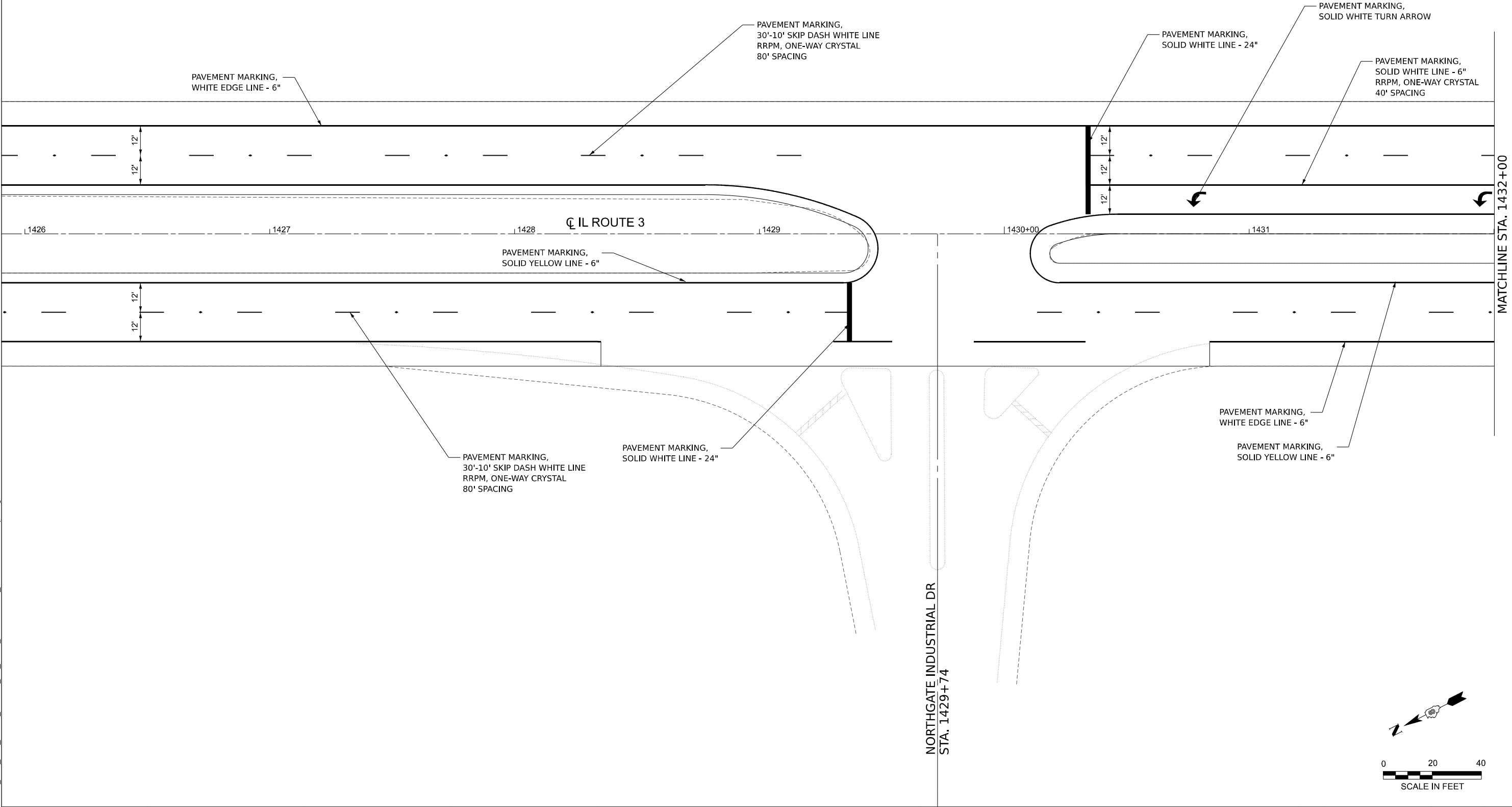
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

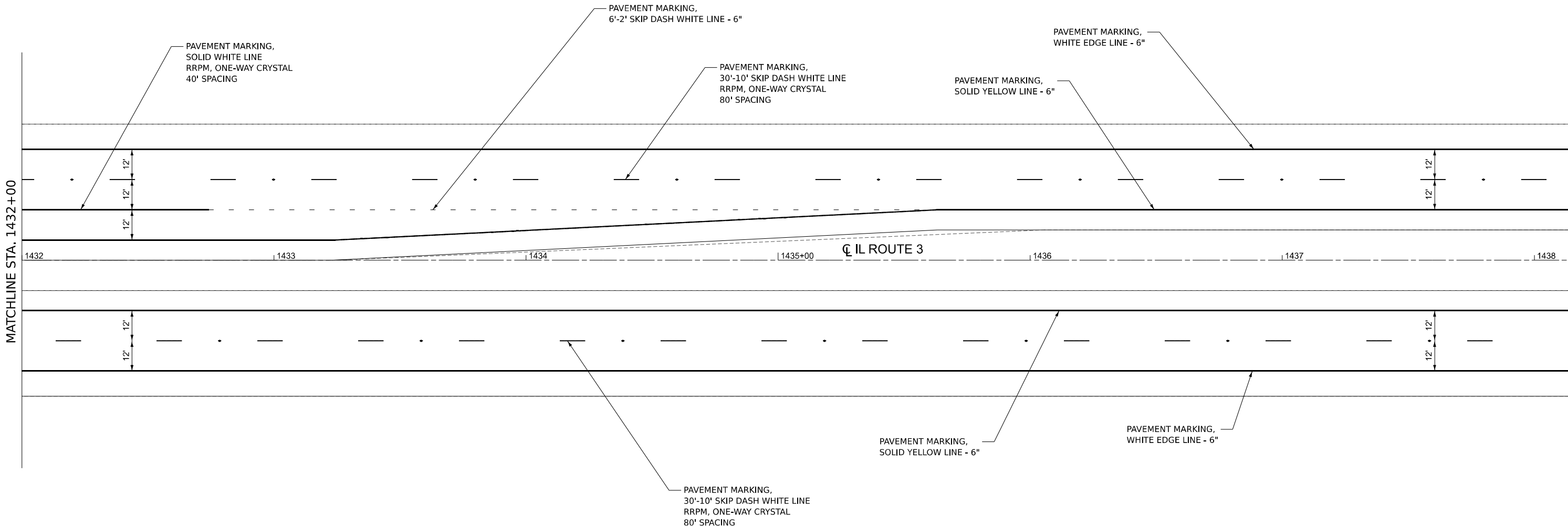
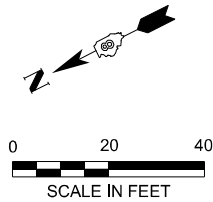
PAVEMENT MARKING DETAILS
IL 3 / NORTHGATE INDUSTRIAL DR

SCALE: SHEET 1 OF 18 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	25
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105





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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS
IL 3 / NORTHGATE INDUSTRIAL DR

SCALE: SHEET 2 OF 18 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	26
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105

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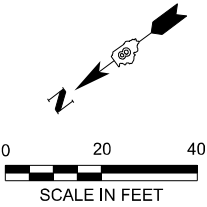
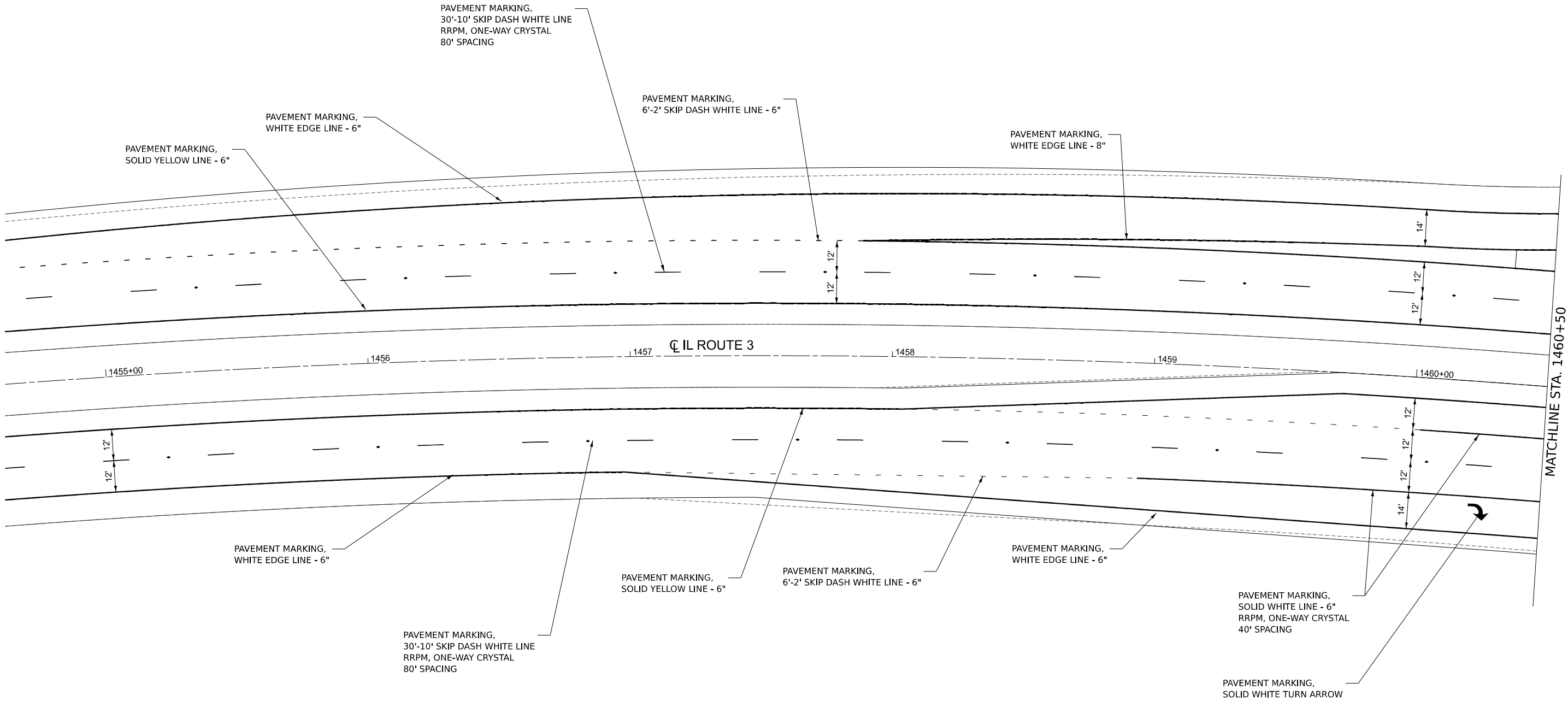
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS
IL 3 / GRANITE PARK DR & MISSOURI AVE

SCALE: SHEET 3 OF 18 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	27
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105



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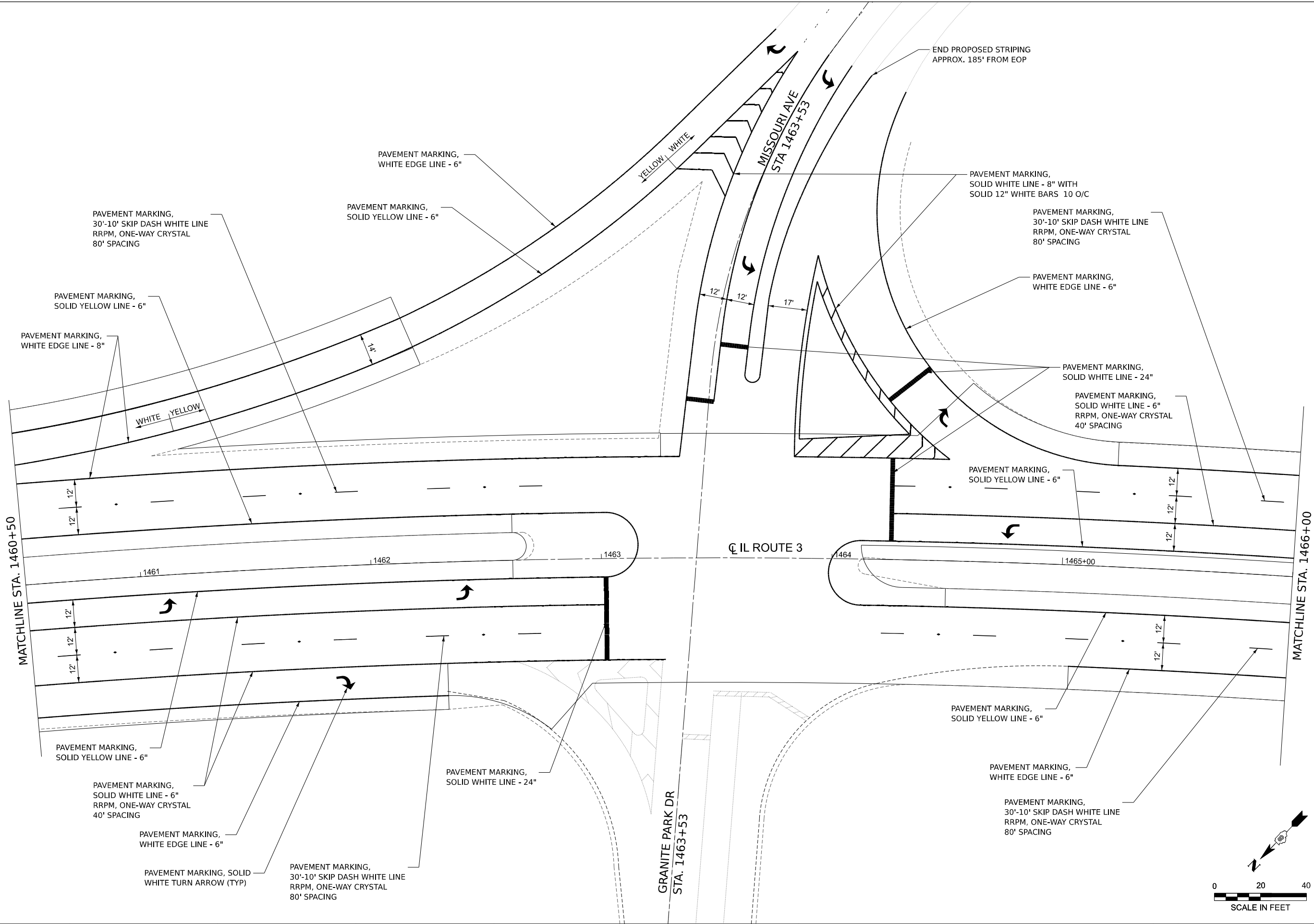
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS
IL 3 / GRANITE PARK DR & MISSOURI AVE

SCALE: SHEET 4 OF 18 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	28
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105



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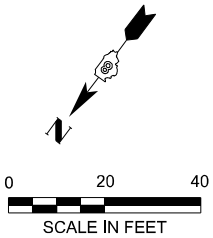
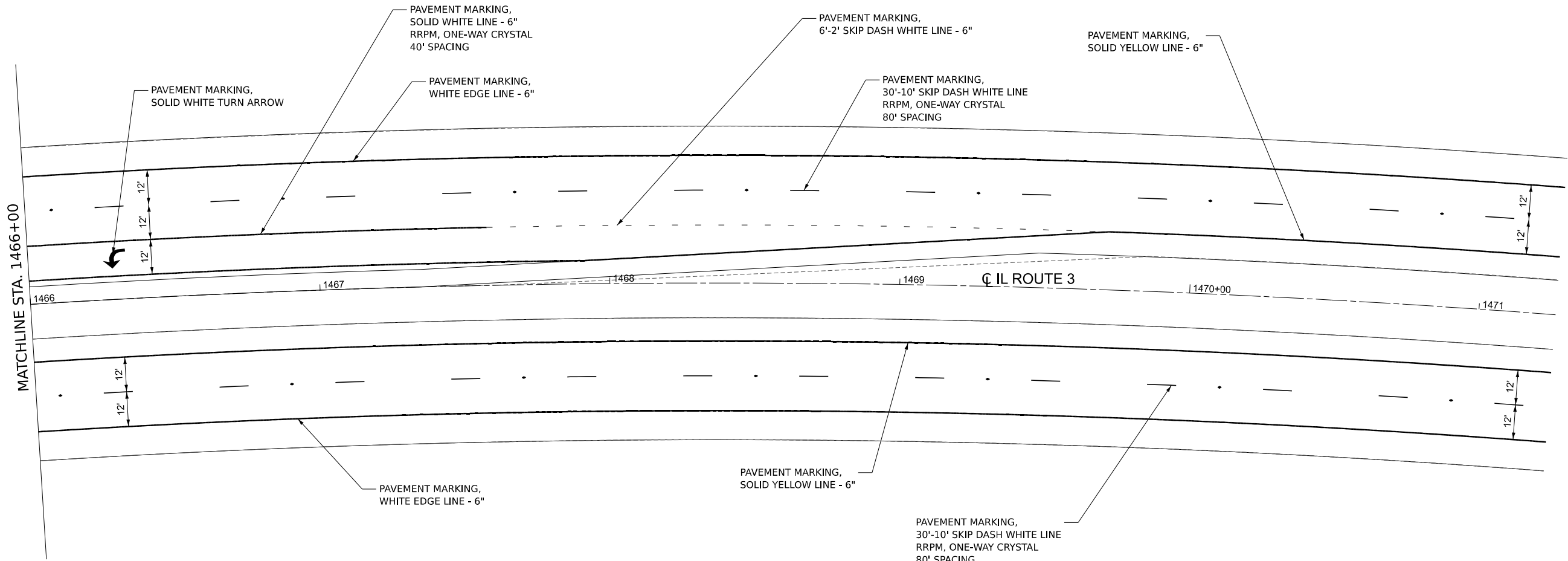
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS
IL 3 / GRANITE PARK DR & MISSOURI AVE

SCALE: SHEET 5 OF 18 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	29
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105



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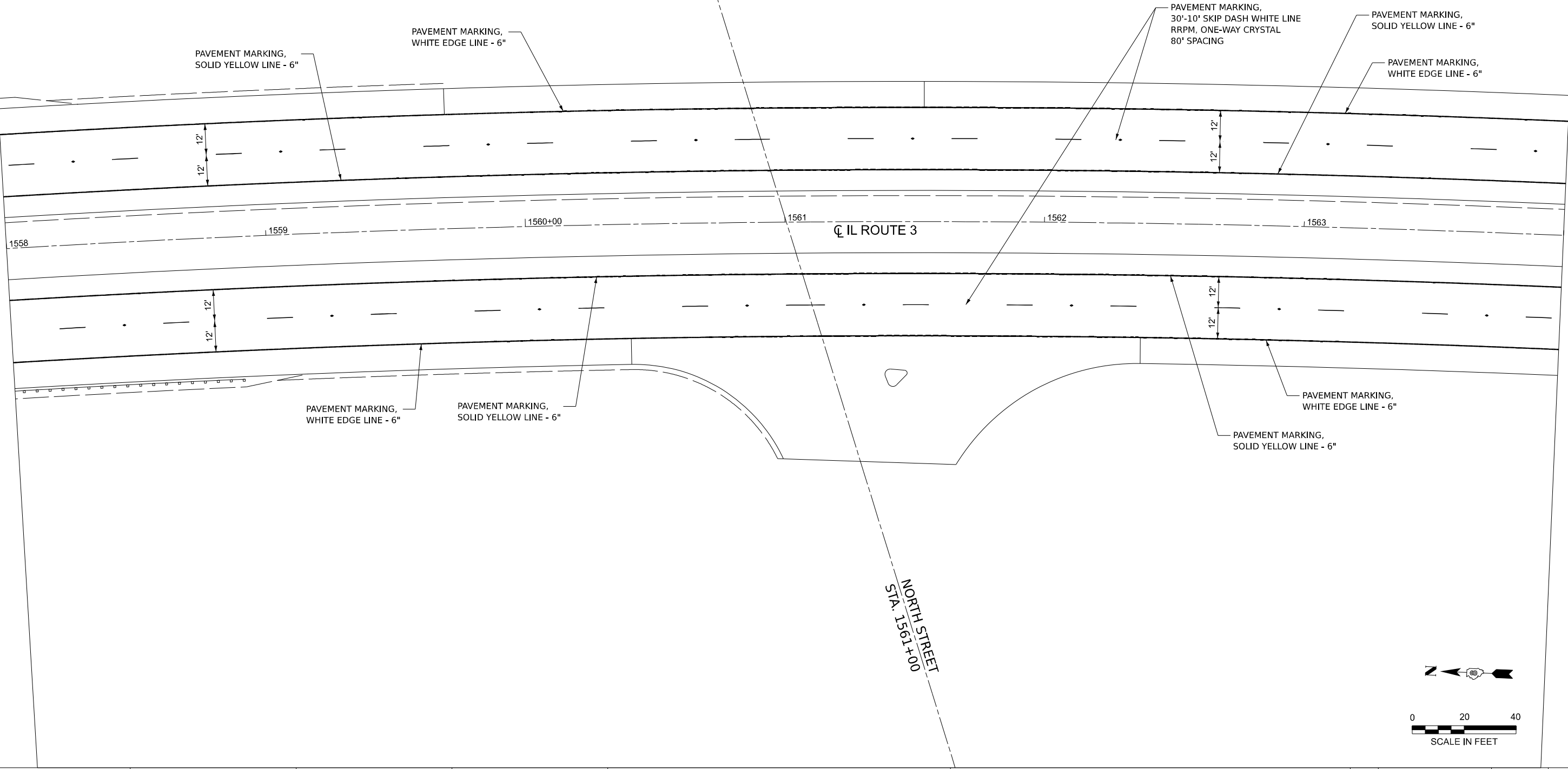
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS			
IL 3 / NORTH STREET			
SCALE:	SHEET 6	OF 18 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	30
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105



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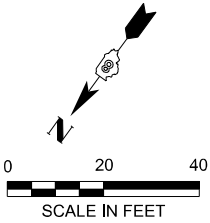
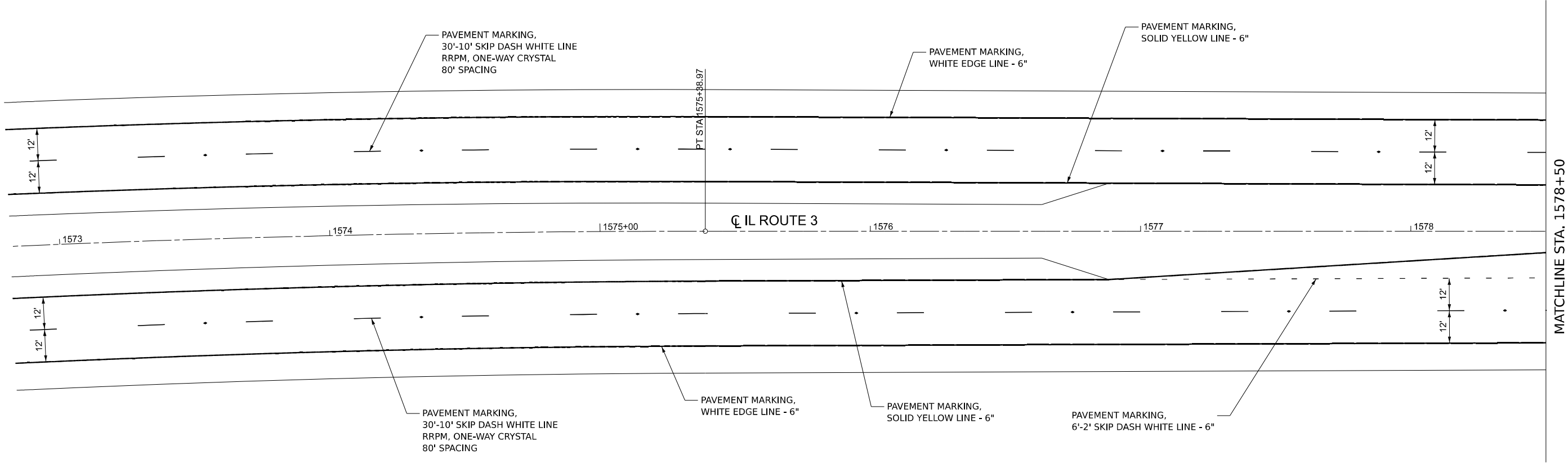
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS
IL 3 / ROCK RD

SCALE: SHEET 7 OF 18 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	31
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105

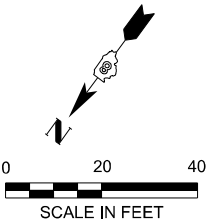


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F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	32
		CONTRACT NO. 76U26		
ILLINOIS		FED. AID PROJECT		

* FAP 2/FAU 9105



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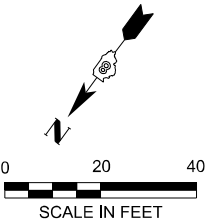
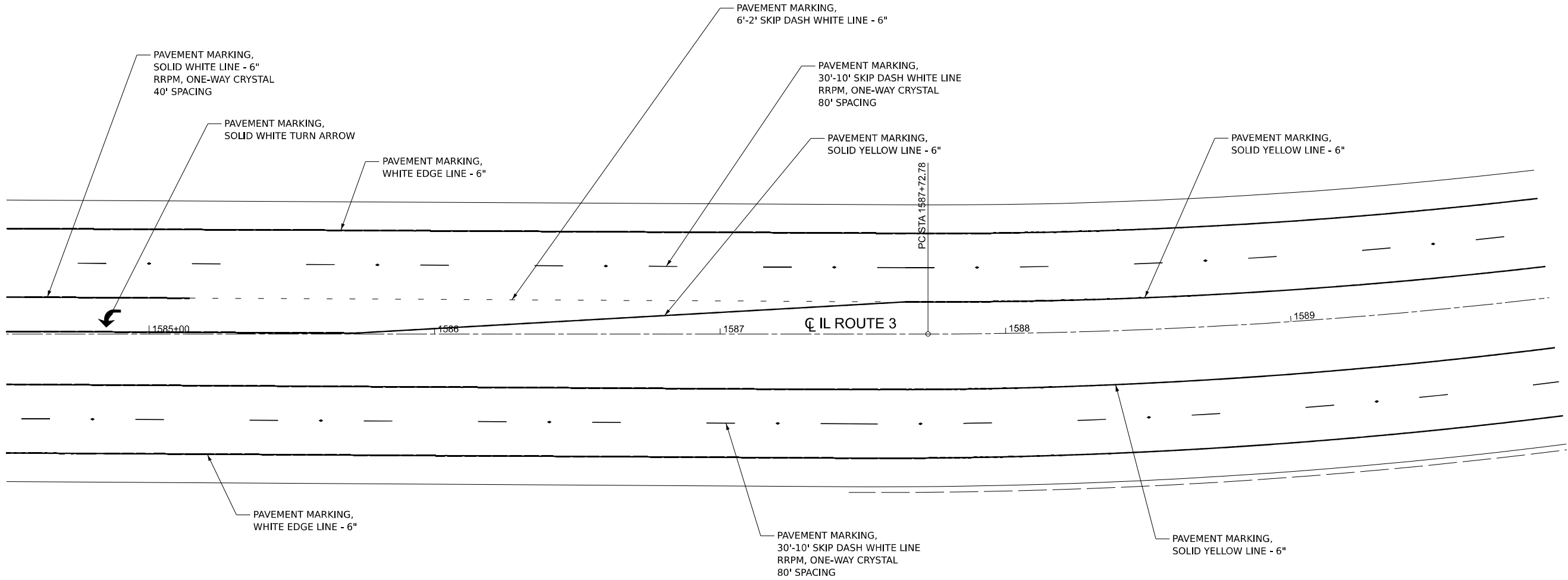
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS			
IL 3 / ROCK ROAD			
SCALE:	SHEET 9	OF 18 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	33
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105



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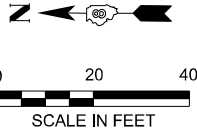
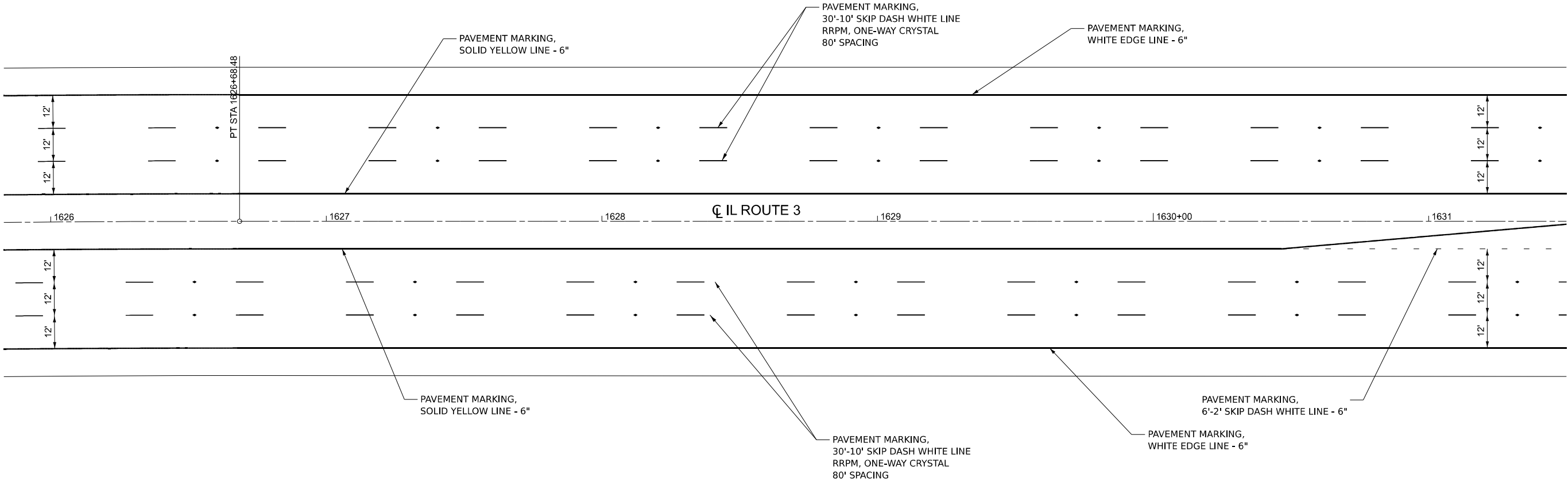
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS IL 3 / NIEDRINGHAUS AVE			
SCALE:	SHEET 10	OF 18	SHEETS
	STA.	TO STA.	

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	34
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105



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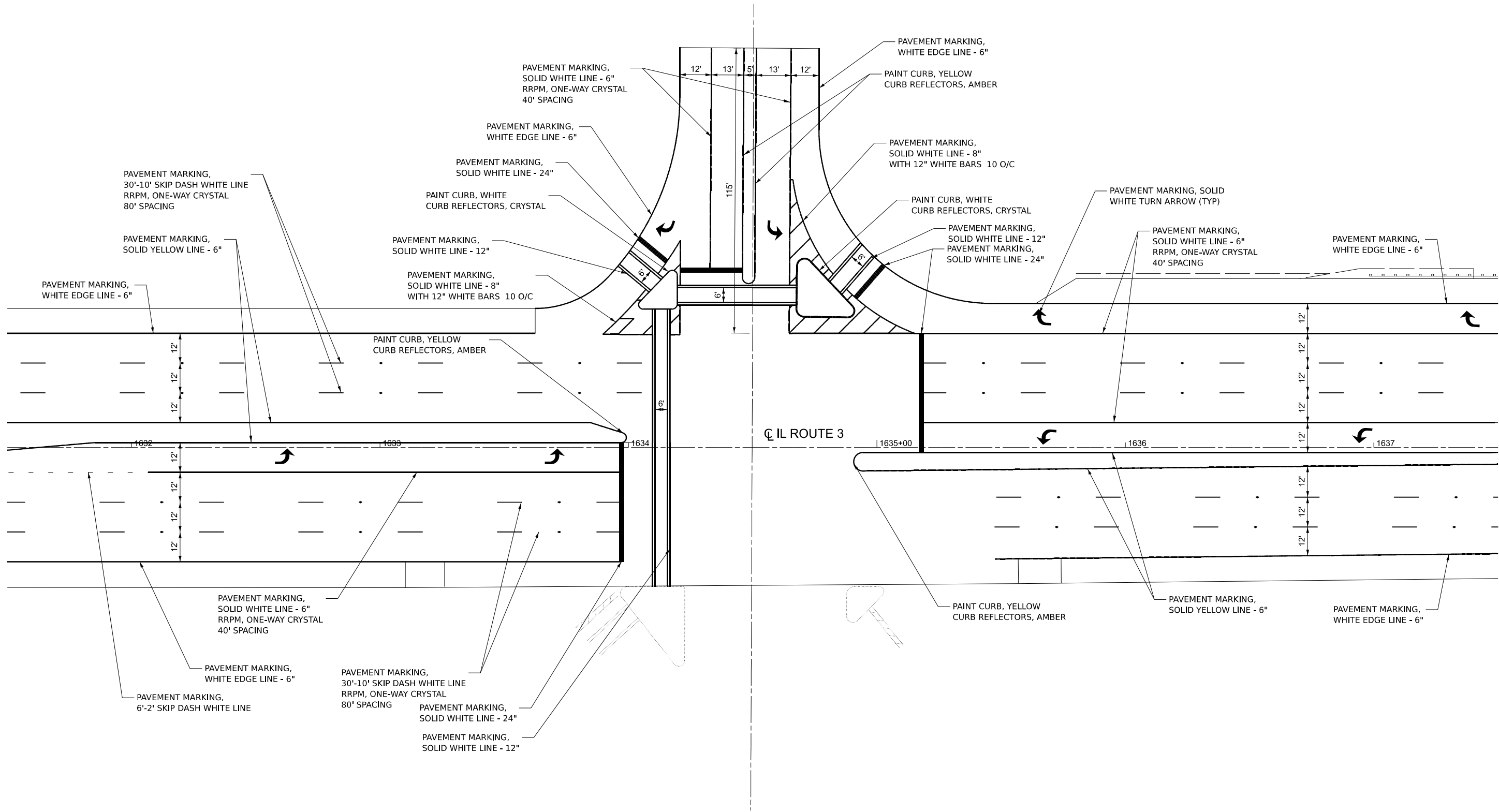
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS
IL 3 / NIEDRINGHAUS AVE

SCALE: SHEET 11 OF 18 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	35
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105

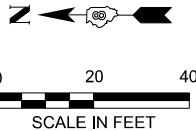


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DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET 12	OF 18	SHEETS	STA.	TO STA.
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* FAP 2/FAU 9105



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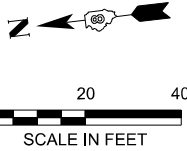
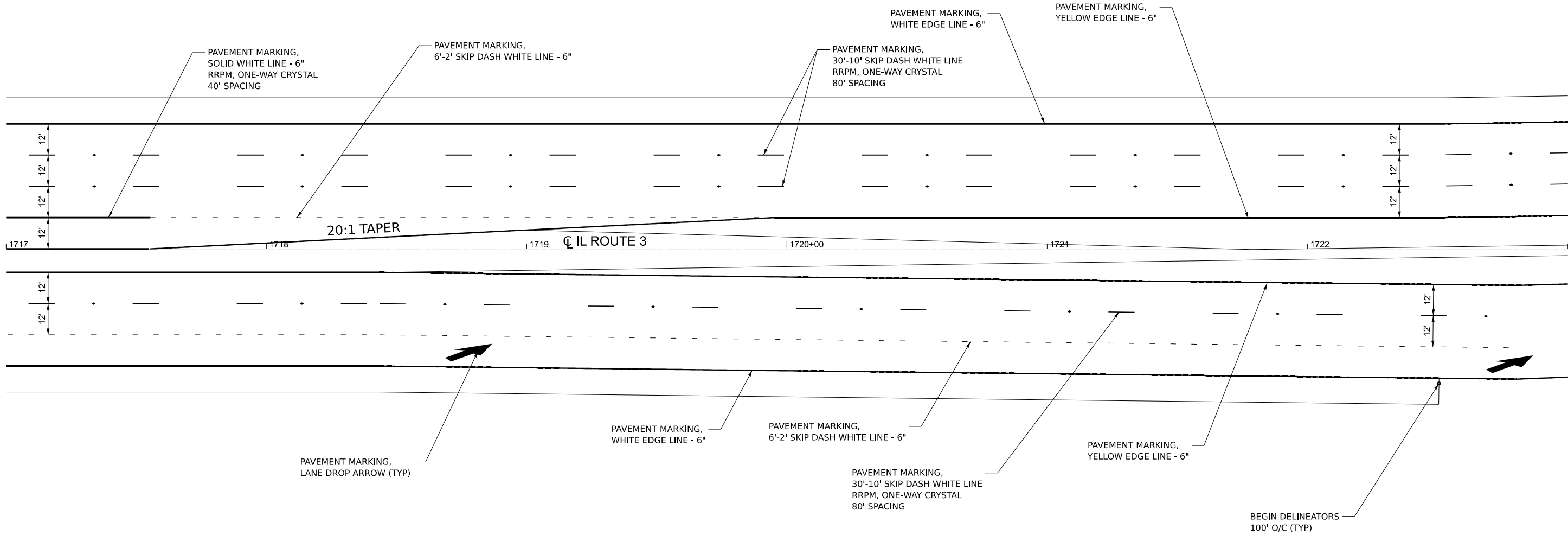
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS
IL 3 / BISSELL ST

SCALE: SHEET 14 OF 18 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	38
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105



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PAVEMENT MARKING DETAILS

IL 3 / BROADWAY

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	39
		CONTRACT NO. 76U26		
ILLINOIS		FED. AID PROJECT		

* FAP 2/FAU 9105

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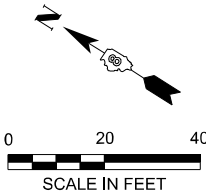
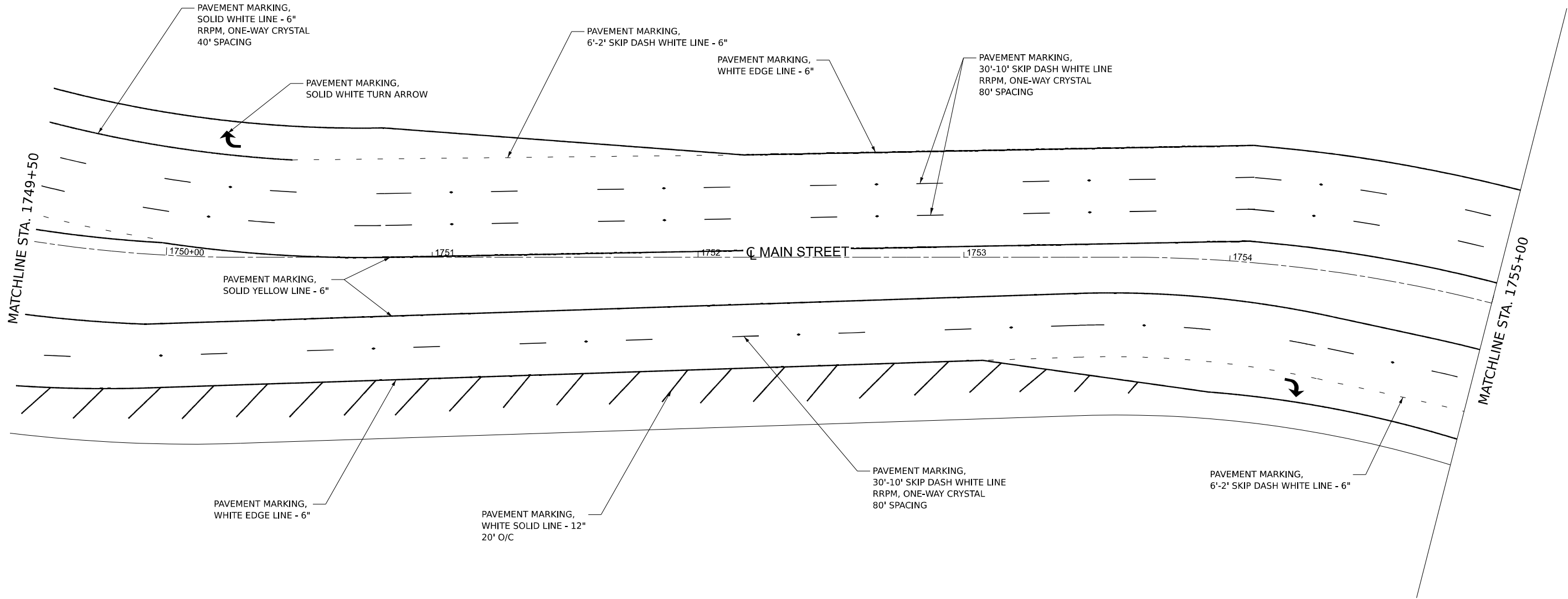
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS
IL 3 / BROADWAY

SCALE: SHEET 16 OF 18 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	40
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105



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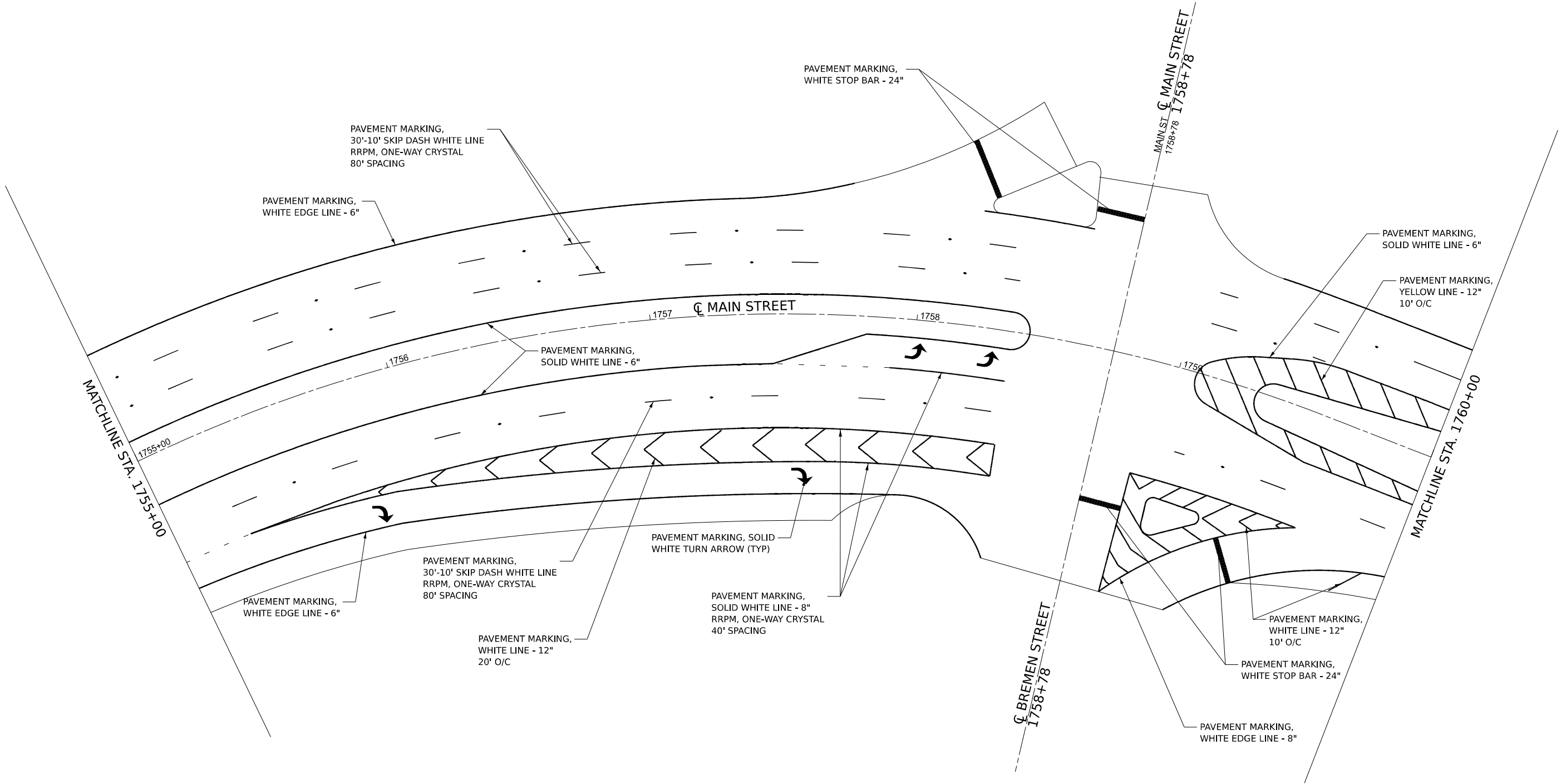
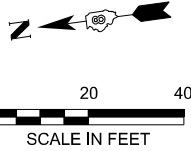
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

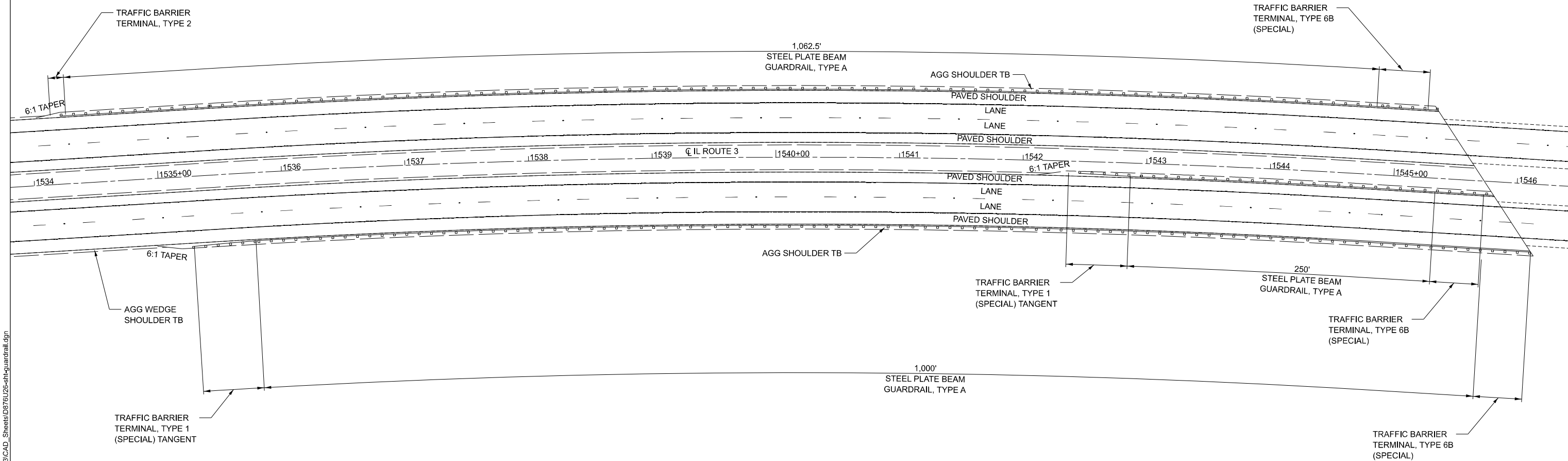
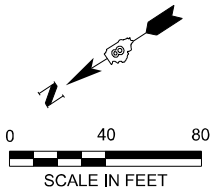
PAVEMENT MARKING DETAILS
IL 3 / BREMEN ST & MAIN ST

SCALE: SHEET 17 OF 18 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	41
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105





NOTES

GUARDRAIL REFLECTORS SHALL BE INSTALLED PER HIGHWAY STANDARD 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS.

ALL EXISTING GUARDRAIL SHALL BE REMOVED.

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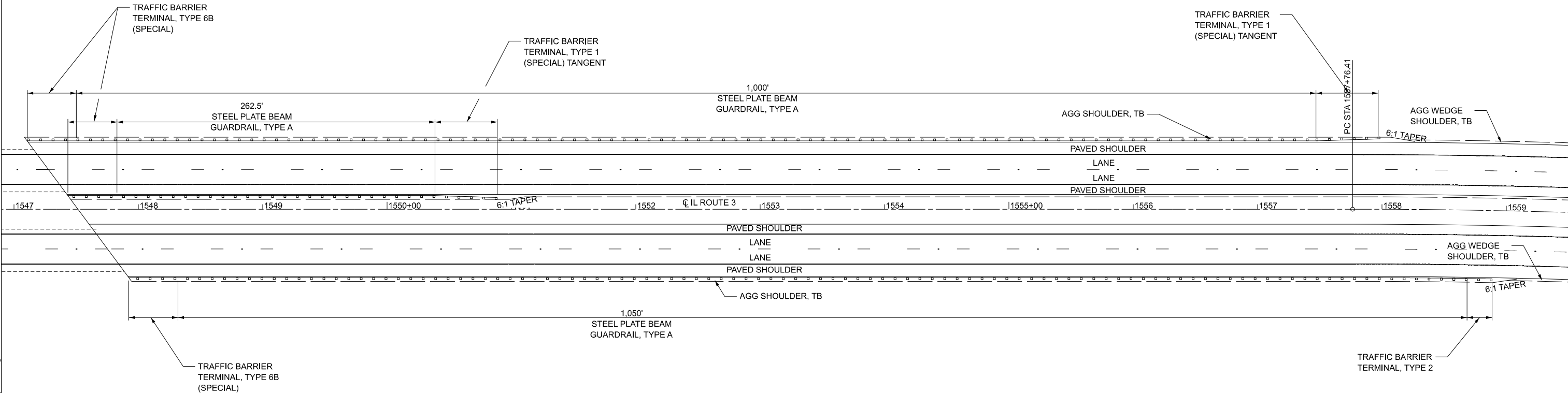
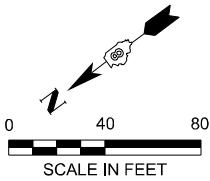
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL PLAN

SCALE: 1"=40' SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	43
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105



NOTES

GUARDRAIL REFLECTORS SHALL BE INSTALLED PER HIGHWAY STANDARD
782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS.

ALL EXISTING GUARDRAIL SHALL BE REMOVED.

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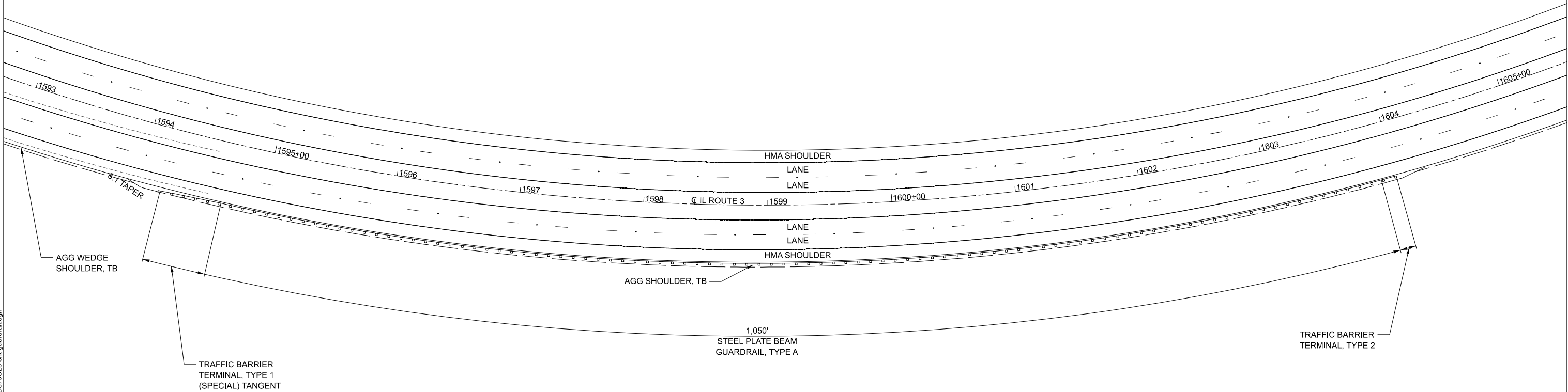
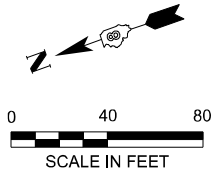
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL PLAN

SCALE: 1"=40' SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	44
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105



NOTES

GUARDRAIL REFLECTORS SHALL BE INSTALLED PER HIGHWAY STANDARD
782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS.

ALL EXISTING GUARDRAIL SHALL BE REMOVED.



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DEPARTMENT OF TRANSPORTATION

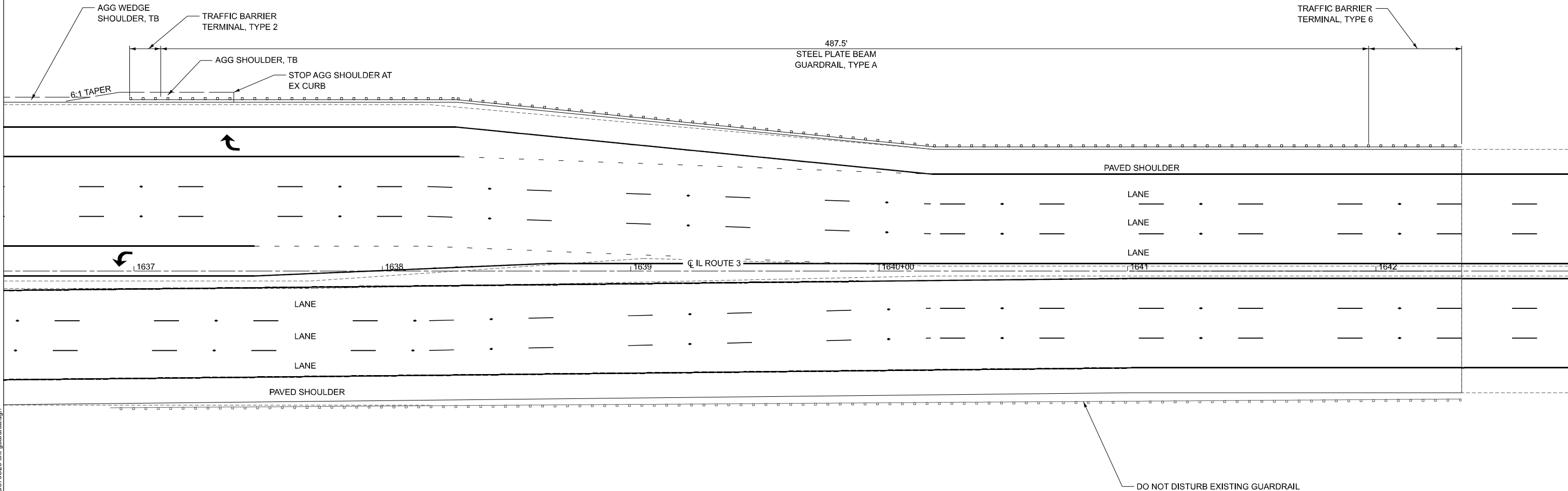
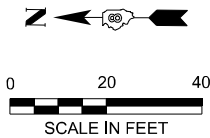
GUARDRAIL PLAN

SCALE: 1"=40' SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	45
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105

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NOTES

GUARDRAIL REFLECTORS SHALL BE INSTALLED PER HIGHWAY STANDARD 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS.



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PLOT DATE = 1/17/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

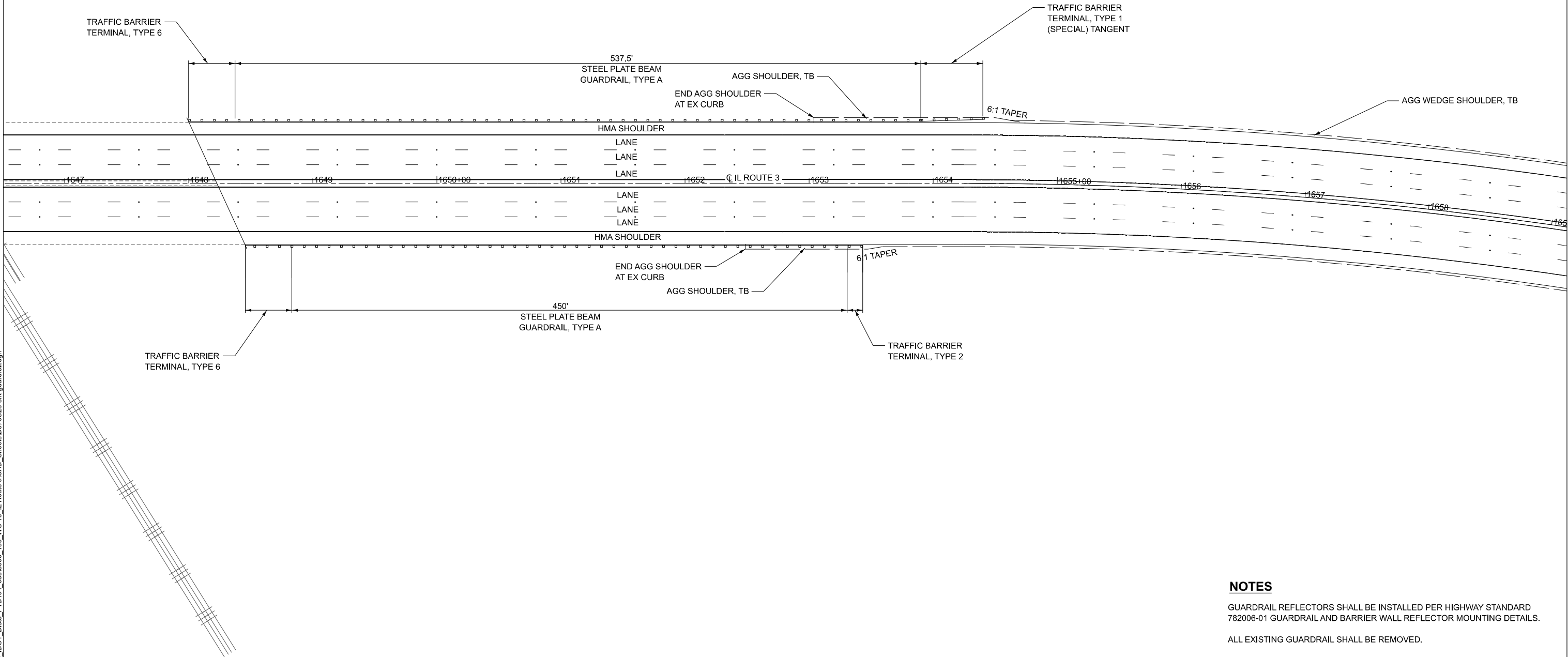
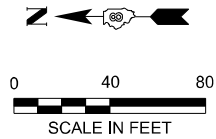
GUARDRAIL PLAN

SCALE: 1"=40' SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	46
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105

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NOTES

GUARDRAIL REFLECTORS SHALL BE INSTALLED PER HIGHWAY STANDARD 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS.

ALL EXISTING GUARDRAIL SHALL BE REMOVED.

MODEL: Guardrail-5 (Sheet)
FILE NAME: H:\8066_DOT_Dia8_PTB194_059\8066_190_WO 19_IL Route 3\CAD_Sheets\0876\U26-sh-guardrail.dgn



USER NAME = tkruup	DESIGNED - BMR	REVISED -
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PLOT DATE = 1/17/2025	DATE -	REVISED -

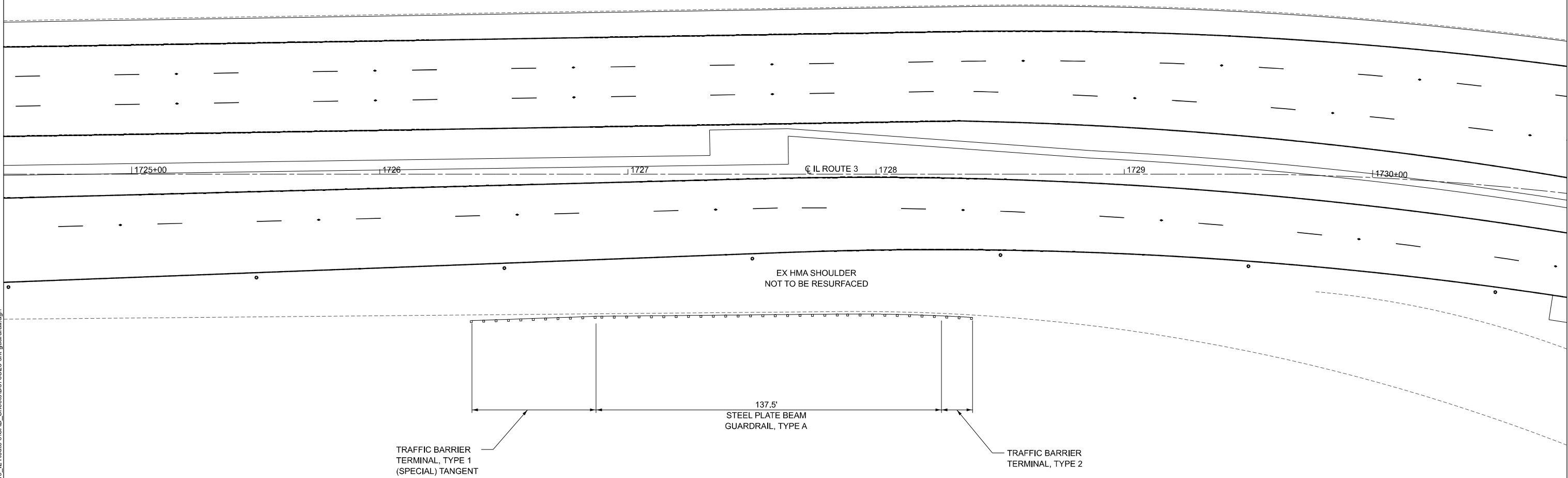
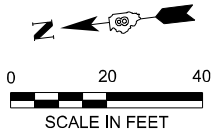
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL PLAN

SCALE: 1"=40' SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	47
CONTRACT NO. 76U26				
		ILLINOIS	FED, AID PROJECT	

* FAP 2/FAU 9105



NOTES

GUARDRAIL REFLECTORS SHALL BE INSTALLED PER HIGHWAY STANDARD 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS.

ALL EXISTING GUARDRAIL SHALL BE REMOVED.

MODEL: Guardrail.dgn
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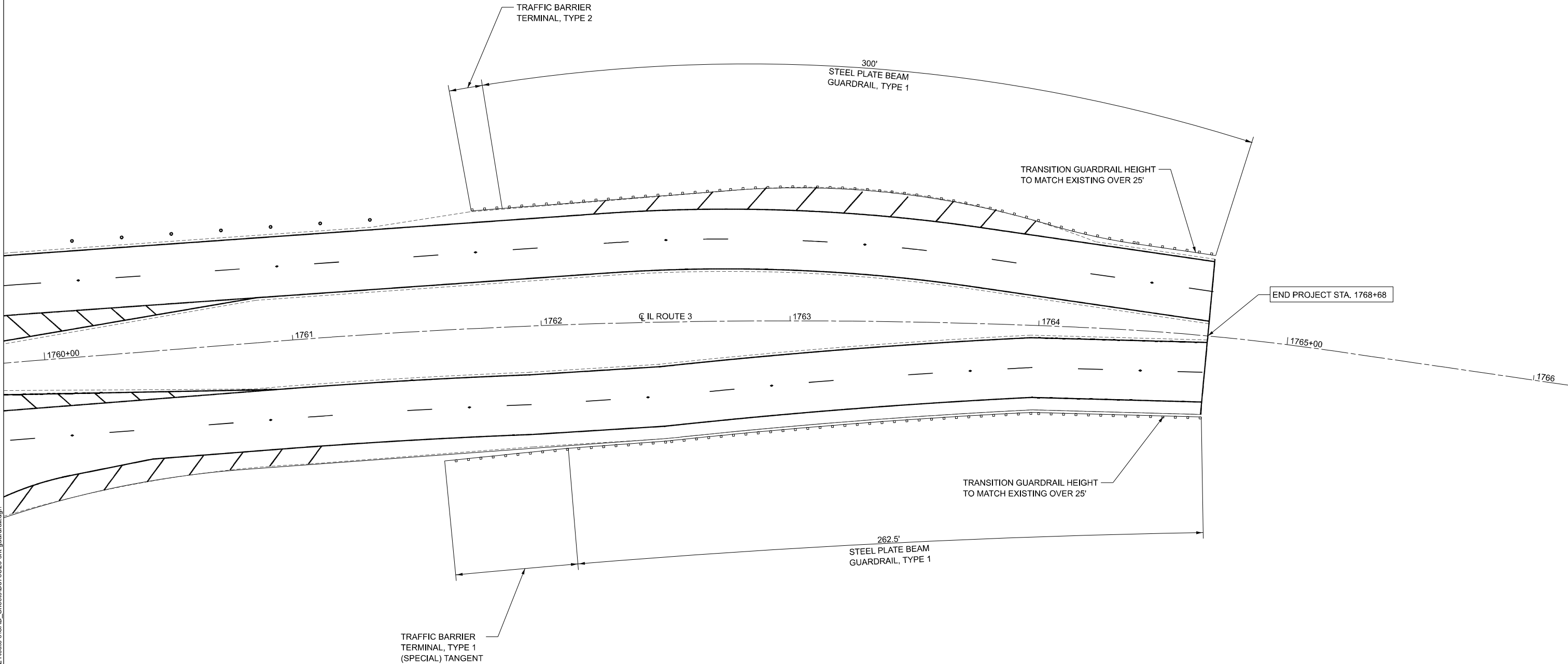
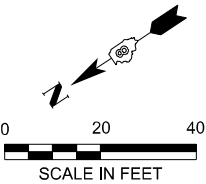
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL PLAN

SCALE: 1"=40' SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	48
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105



NOTES

GUARDRAIL REFLECTORS SHALL BE INSTALLED PER HIGHWAY STANDARD 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS.

ALL EXISTING GUARDRAIL SHALL BE REMOVED.

MODEL: Guardrail-7 [Sheet]
FILE NAME: H:\8066_DOT_Dia8_PTB194_059\8066_190_WO 19_IL Route 3\CAD_Sheets\0876\26-sh-guardrail.dgn



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		DRAWN -	BMR	REVISED -	
		CHECKED -		REVISED -	
PLOT DATE	= 1/17/2025	DATE -		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL PLAN

SCALE: 1"=40' SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	49
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105

TRAFFIC SIGNAL GENERAL NOTES

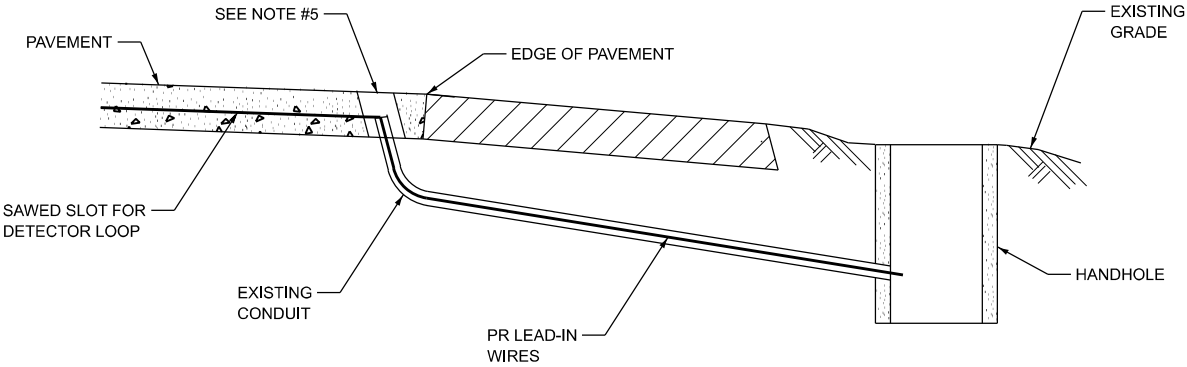
1.

PRIOR TO COMMENCING CONSTRUCTION OF ANY COMPONENT OF THE PROPOSED TRAFFIC SIGNAL SYSTEM, ALL UNDERGROUND UTILITIES SHALL BE FIELD LOCATED ACCORDING TO ARTICLE 107.39 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED IN THE GENERAL NOTES OF THE PLANS.
2.

THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS WITH 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.

TRAFFIC SIGNAL LEGEND

- EX HANDHOLE
- EX DOUBLE HANDHOLE
- EX CONTROLLER
- EX DETECTOR LOOP
- PR DETECTOR LOOP
- EX CONDUIT



DETECTOR LOOP DETAIL "A"

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

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)

DETECTOR LOOP HIGHWAY STANDARDS

- 886001

DETECTOR LOOP INSTALLATIONS
- 886006

TYPICAL LAYOUT FOR DETECTION LOOPS

TRAFFIC SIGNAL BILL OF MATERIALS

PAY ITEM CODE NUMBER	ITEM DESCRIPTION	UNIT	IL ROUTE 3 & NORTH GATE INDUSTRIAL	IL ROUTE 3 & GRANITE PARK DRIVE	IL ROUTE 3 & ROCK ROAD	IL ROUTE 3 & NIEDRINGHAUS AVENUE	IL ROUTE 3 & BISSELL STREET	IL ROUTE 3 & BROADWAY
X8860105	DETECTOR LOOP REPLACEMENT	FOOT	392	1,816	524	3,018	2,196	521

USER NAME	= tkruup	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 1/30/2025	DATE	-	REVISED	-

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	50
CONTRACT NO. 76U26				
ILLINOIS			FED. AID PROJECT	

DETECTOR LOOP REQUIREMENTS & CALCULATIONS

LOOP #	PHASE #	LOOP SIZE (FT X FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE
1	SB THRU CCO	6' X 6'	6	395.9	2.18
2	SB THRU CCO	6' X 6'	6	398.8	2.22
3	NB LT CD	6' X 50'	3-6-3	829.2	2.38
4	NB THRU CCO	6' X 6'	6	412.4	2.38
5	NB THRU CCO	6' X 6'	6	415.5	2.42

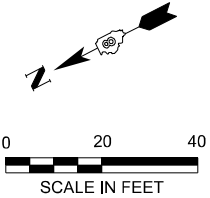
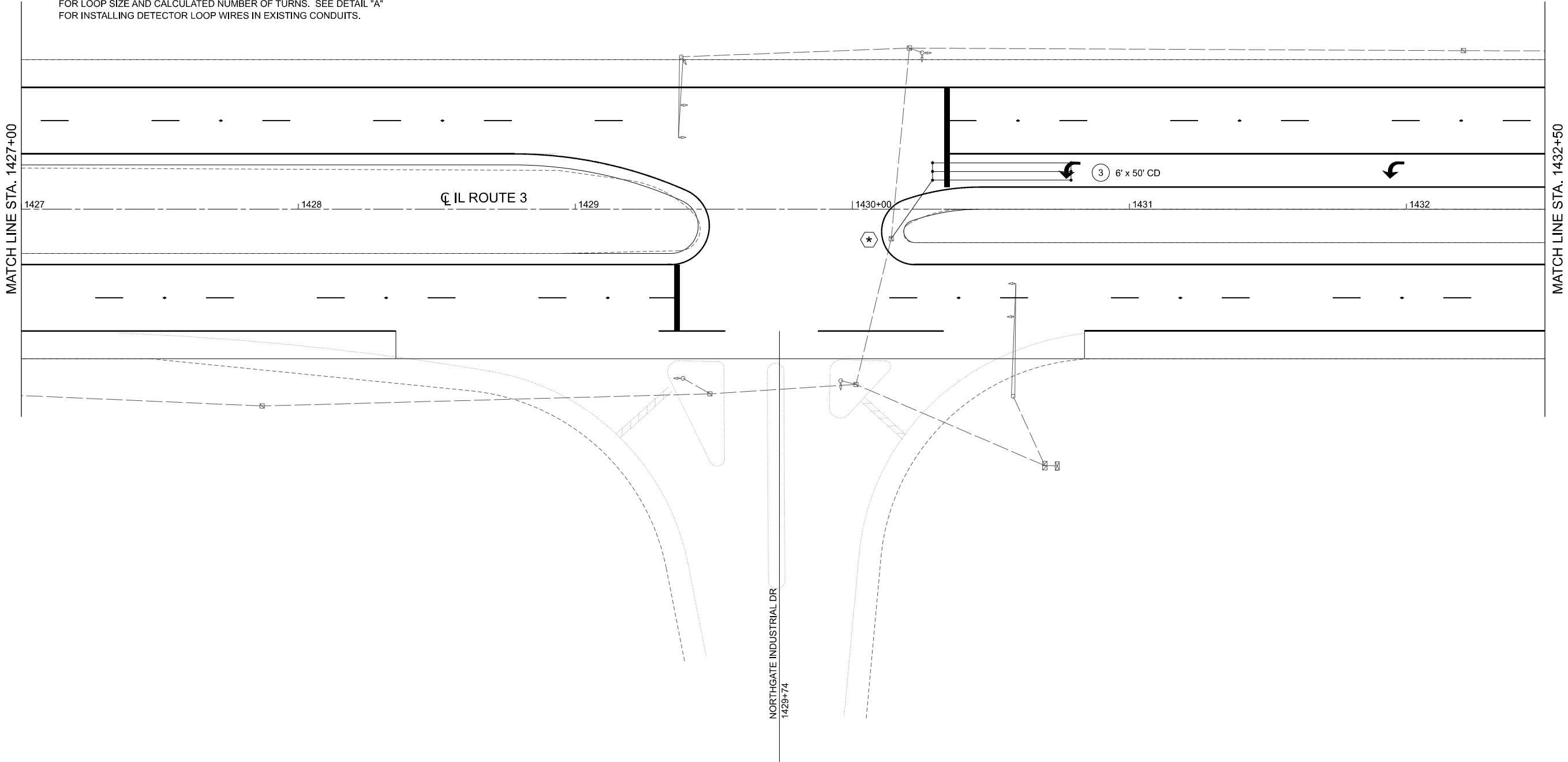
THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE, ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q = QUADRAPOLE

= SEE DETAIL

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.



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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/17/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 3 & NORTH GATE INDUSTRIAL DRIVE
DETECTOR LOOP REPLACEMENT PLAN

SCALE: SHEET 2 OF 13 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	51
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105

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PLOT DATE	= 1/17/2025	DATE	-	REVISED	-

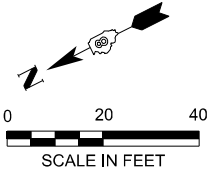
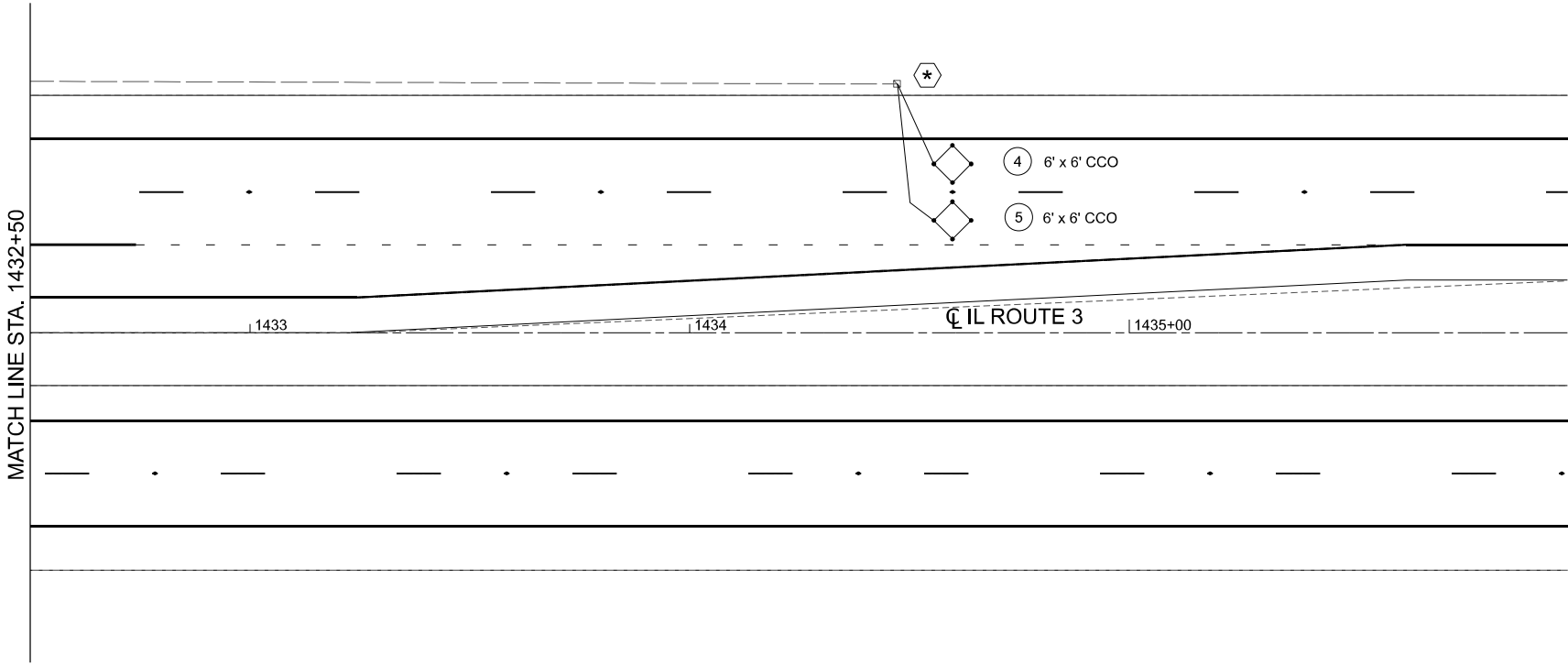
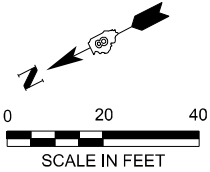
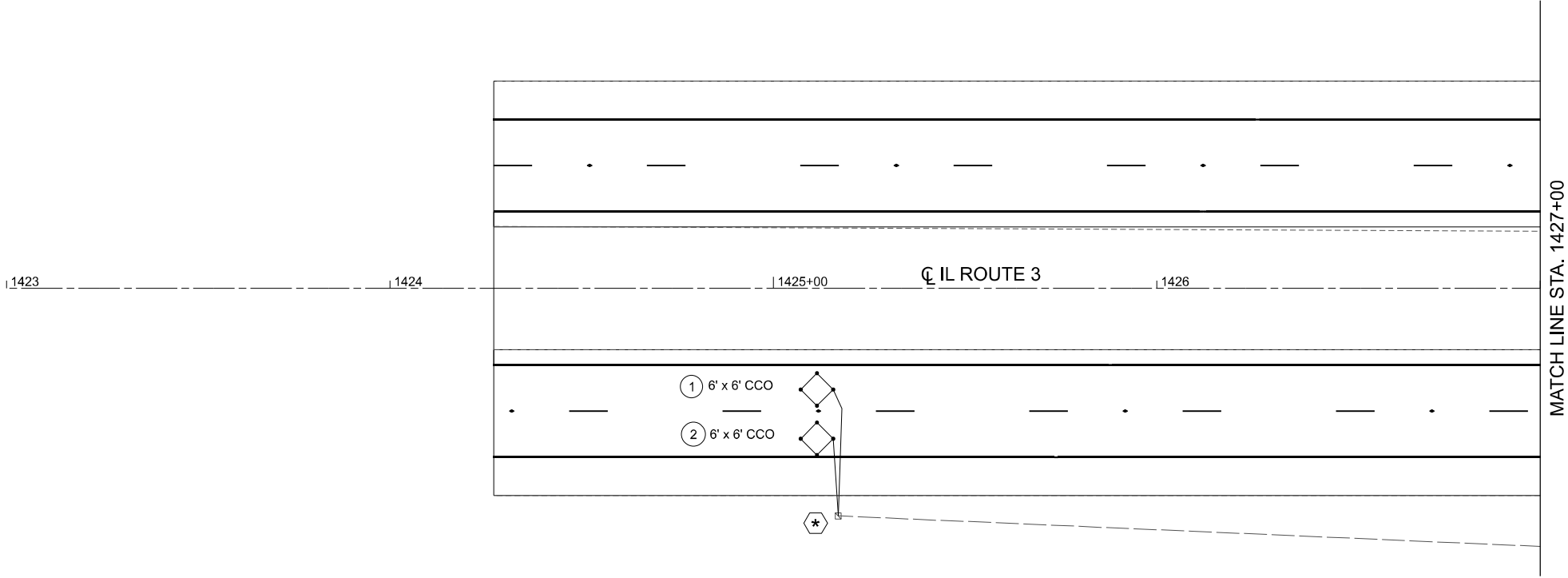
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 3 & NORTH GATE INDUSTRIAL DRIVE
DETECTOR LOOP REPLACEMENT PLAN

SCALE: 1"=20' SHEET 3 OF 13 SHEETS STA. 1422+99.92 TO STA. 1434+99.92

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	52
		CONTRACT NO. 76U26		
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105



MODEL: EXCL - GP_DRIVE [Sheet]
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		CHECKED	-	REVISED	-
PLOT DATE	= 1/30/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 3 & GRANITE PARK DRIVE/MISSOURI AVENUE
DETECTOR LOOP REPLACEMENT PLAN

SCALE: 1"=20' SHEET 4 OF 13 SHEETS STA. 1460+50.00 TO STA. 1466+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	53
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105

DETECTOR LOOP REQUIREMENTS & CALCULATIONS

LOOP #	PHASE #	LOOP SIZE (FT X FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE (MICROHENRIES)	CALCULATED (RESISTANCE)
1	SB THRU CCO	6' X 6'	5	335.8	2.36
2	SB THRU CCO	6' X 6'	5	332.6	2.32
3	SB LT CD	6' X 50'	3-6-3	834.0	2.47
4	SB THRU CD	6' X 50'	3-6-3	831.0	2.43
5	SB THRU CD	6' X 50'	3-6-3	827.7	2.39
6	NB THRU CD	6' X 50'	3-6-3	823.8	2.33
7	NB THRU CD	6' X 50'	3-6-3	826.8	2.37
8	NB LT CD	6' X 50'	3-6-3	830.0	2.42
9	NB THRU CCO	6' X 6'	5	338.1	2.39
10	NB THRU CCO	6' X 6'	5	340.9	2.42
11	SB RT CD	6' X 50'	3-6-3	825.9	2.36
12	EB RT CD	6' X 50'	3-6-3	848.1	2.63

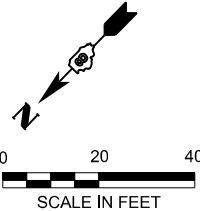
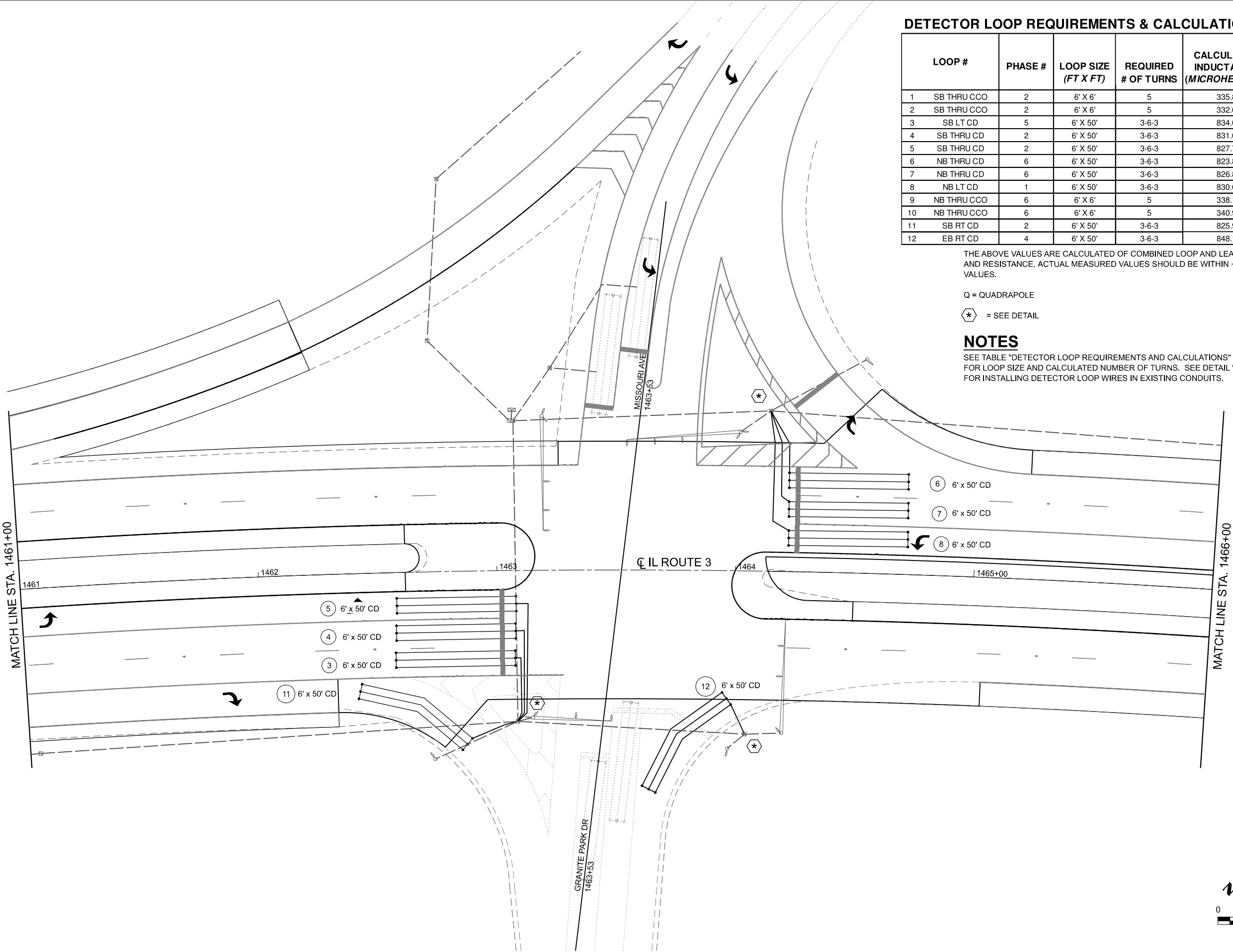
THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE, ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q = QUADRAPOLE

* = SEE DETAIL

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.



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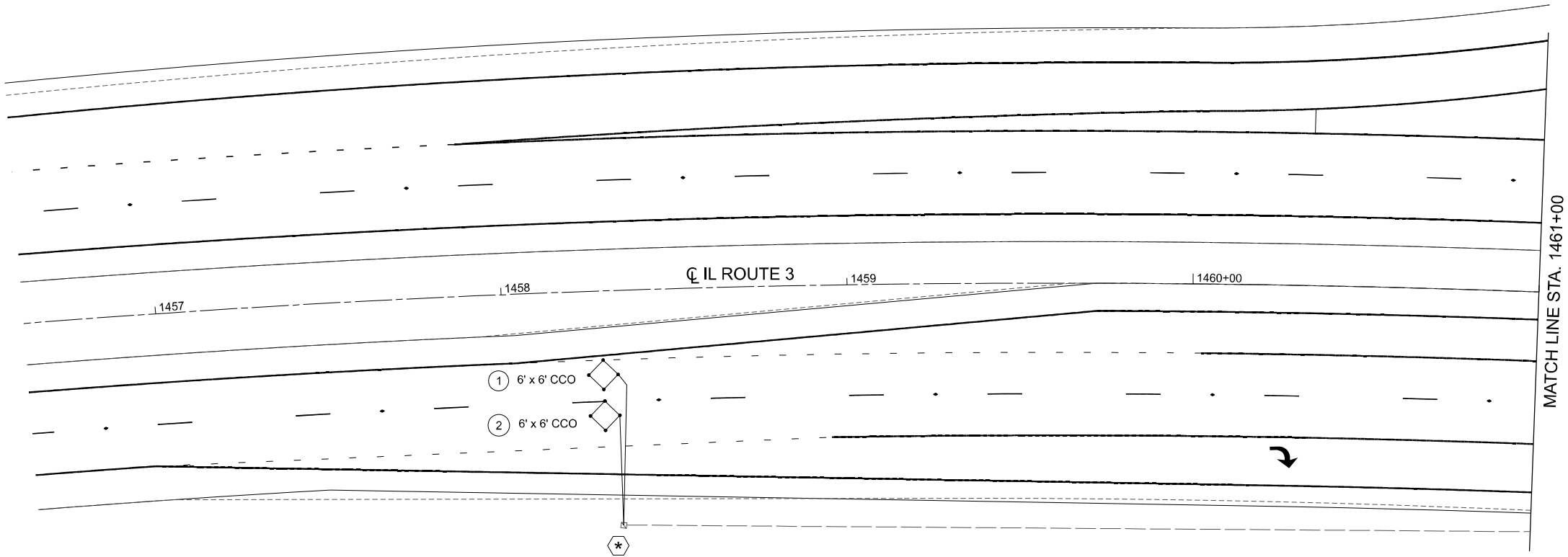
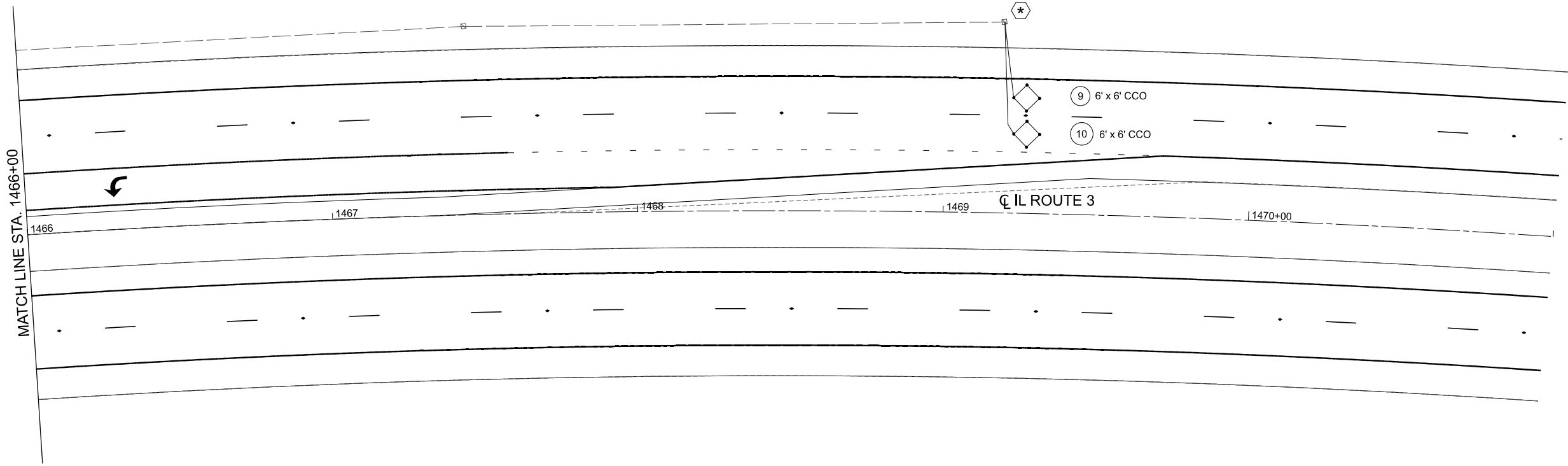
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 3 & GRANITE PARK DRIVE/MISSOURI AVENUE
DETECTOR LOOP REPLACEMENT PLAN

SCALE: 1"=20' SHEET 5 OF 13 SHEETS STA. 1456+60.29 TO STA. 1468+60.29

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	54
CONTRACT NO. 76U26				
ILLINOIS		FED. AID PROJECT		

* FAP 2/FAU 9105



DETECTOR LOOP REQUIREMENTS & CALCULATIONS

LOOP #	PHASE #	LOOP SIZE (FT X FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE (MICROHENRIES)	CALCULATED (RESISTANCE)
1	SB THRU CCO	6' X 6'	5	328.4	2.24
2	SB THRU CCO	6' X 6'	5	331.6	2.28
3	SB LT CD	6' X 50'	3-6-3	836.1	2.48
4	NB LT CD	6' X 50'	3-6-3	816.5	2.24
5	NB THRU CCO	6' X 6'	5	316.5	2.11
6	NB THRU CCO	6' X 6'	5	313.1	2.06

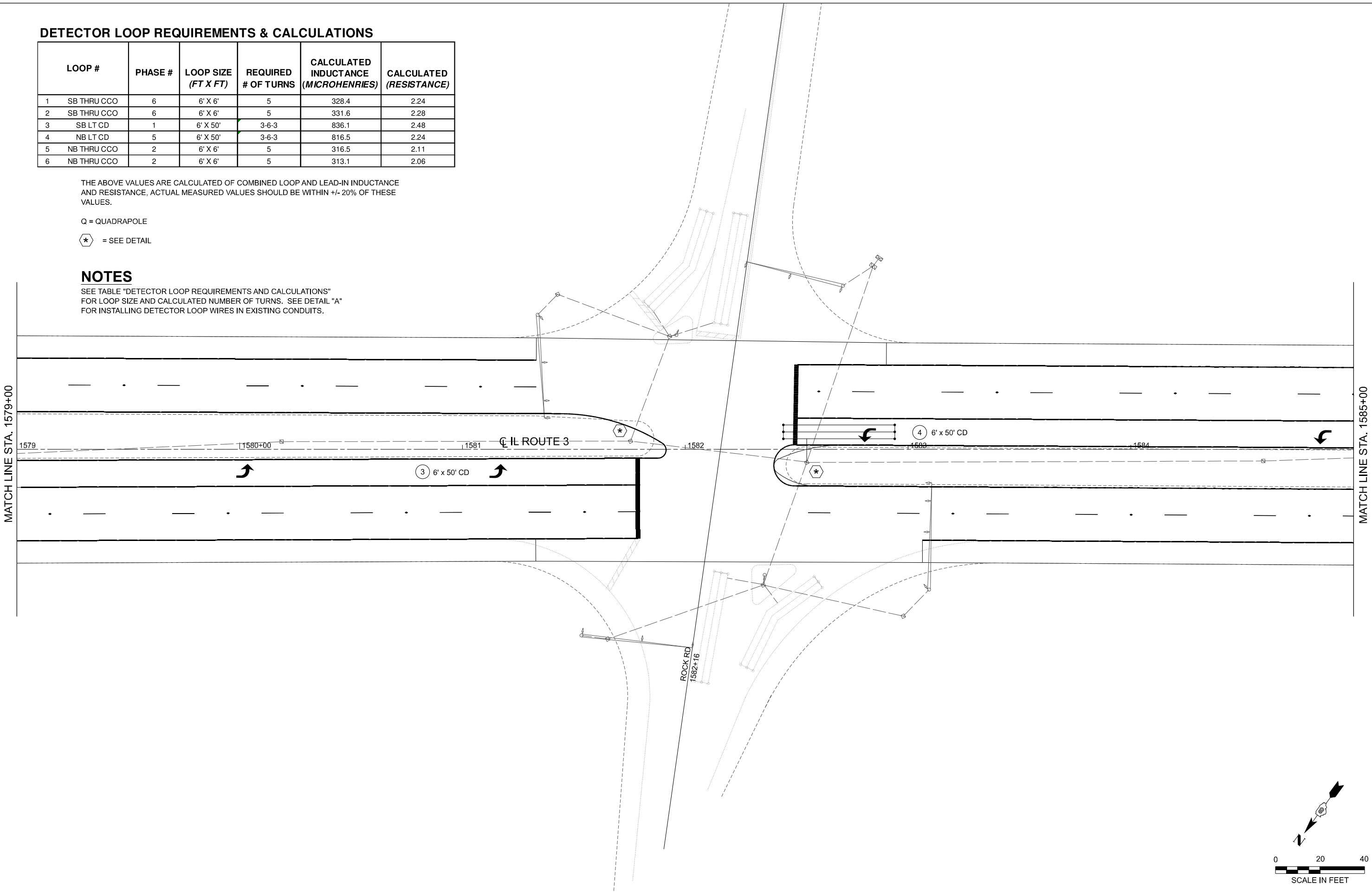
THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE, ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q = QUADRAPOLE

⬠ = SEE DETAIL

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.



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		CHECKED	-	REVISED	-
PLOT DATE	= 1/17/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 3 & ROCK ROAD DETECTOR LOOP REPLACEMENT PLAN			
SCALE: 1"=20'	SHEET 6	OF 13 SHEETS	STA. 1579+00.00 TO STA. 1585+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	55
CONTRACT NO. 76U26				
ILLINOIS		FED. AID PROJECT		

* FAP 2/FAU 9105

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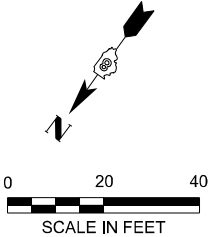
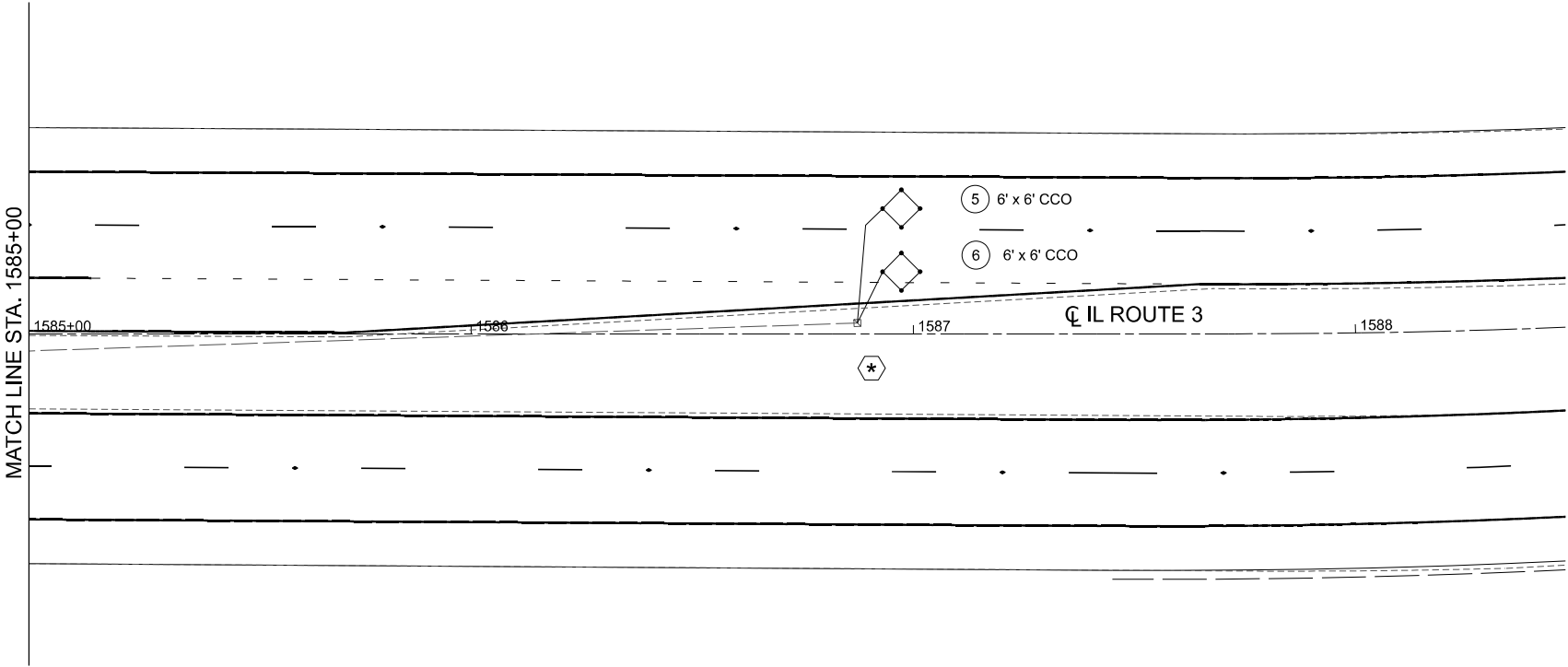
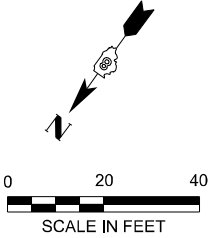
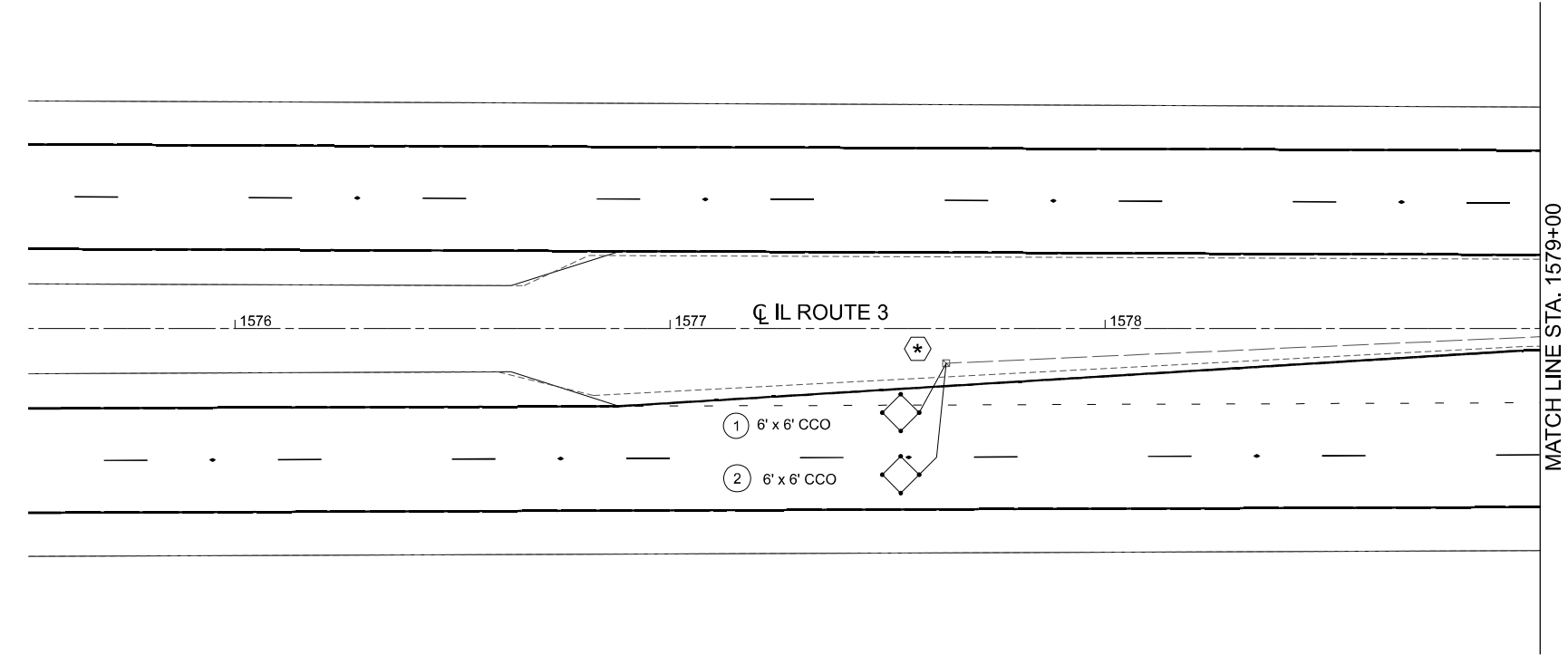
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 3 & ROCK ROAD
DETECTOR LOOP REPLACEMENT PLAN

SCALE: 1"=20' SHEET 7 OF 13 SHEETS STA. 1575+39.77 TO STA. 1587+39.77

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	56
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105



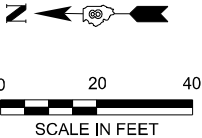
DETECTOR LOOP REQUIREMENTS & CALCULATIONS

LOOP #	PHASE #	LOOP SIZE (FT X FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE (MICROHENRIES)	CALCULATED (RESISTANCE)
4	SB LT CD	6' X 50'	3-6-3	840.5	2.53
5	SB THRU CD	6' X 50'	3-6-3	880.5	3.02
6	SB THRU CD	6' X 50'	3-6-3	876.6	2.96
7	SB THRU CD	6' X 50'	3-6-3	872.7	2.91
8	SB RT CD	6' X 50'	3-6-3	872.7	2.91
9	NB RT CD	6' X 50'	3-6-3	786.0	1.91
10	NB THRU CD	6' X 50'	3-6-3	806.8	2.15
11	NB THRU CD	6' X 50'	3-6-3	809.1	2.18
12	NB THRU CD	6' X 50'	3-6-3	811.4	2.21
13	NB LT CD	6' X 50'	3-6-3	818.4	2.28
14	EB RT CD	6' X 50'	3-6-3	846.7	2.61
24	WB RT CD	6' X 50'	3-6-3	816.1	2.25
25	WB THRU CD	6' X 50'	3-6-3	815.9	2.25
26	WB LT CD	6' X 50'	3-6-3	818.2	2.28

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



MATCH LINE STA. 1631+50

MATCH LINE STA. 1637+50

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.



USER NAME	= tkrupe	DESIGNED	-	REVISED	-
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		CHECKED	-	REVISED	-
PLOT DATE	= 1/17/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 3 & NIEDRINGHAUS AVENUE
DETECTOR LOOP REPLACEMENT PLAN

SCALE: 1"=20' SHEET 8 OF 13 SHEETS STA. 1631+50.00 TO STA. 1637+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	57
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105

MODEL: EXCL - TS_NED (Sheet)
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DETECTOR LOOP REQUIREMENTS & CALCULATIONS

LOOP #	PHASE #	LOOP SIZE (FT X FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE (MICROHENRIES)	CALCULATED (RESISTANCE)
1	SB THRU CCO	6' X 6'	6	379.2	1.97
2	SB THRU CCO	6' X 6'	6	382.0	2.00
3	SB THRU CCO	6' X 6'	6	384.7	2.04
18	NB THRU CCO	6' X 6'	6	345.4	1.60
19	NB THRU CCO	6' X 6'	6	348.1	1.64
20	NB THRU CCO	6' X 6'	6	351.4	1.68

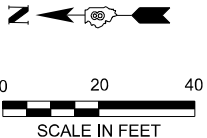
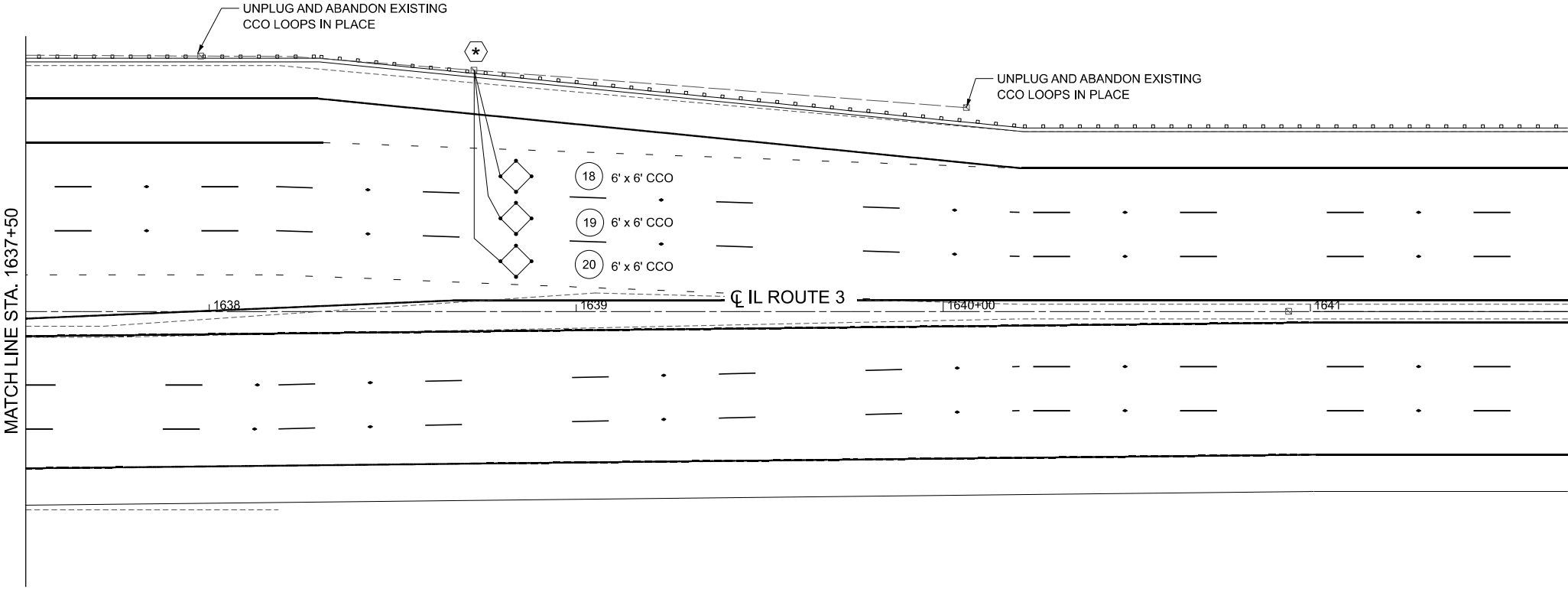
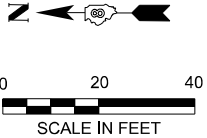
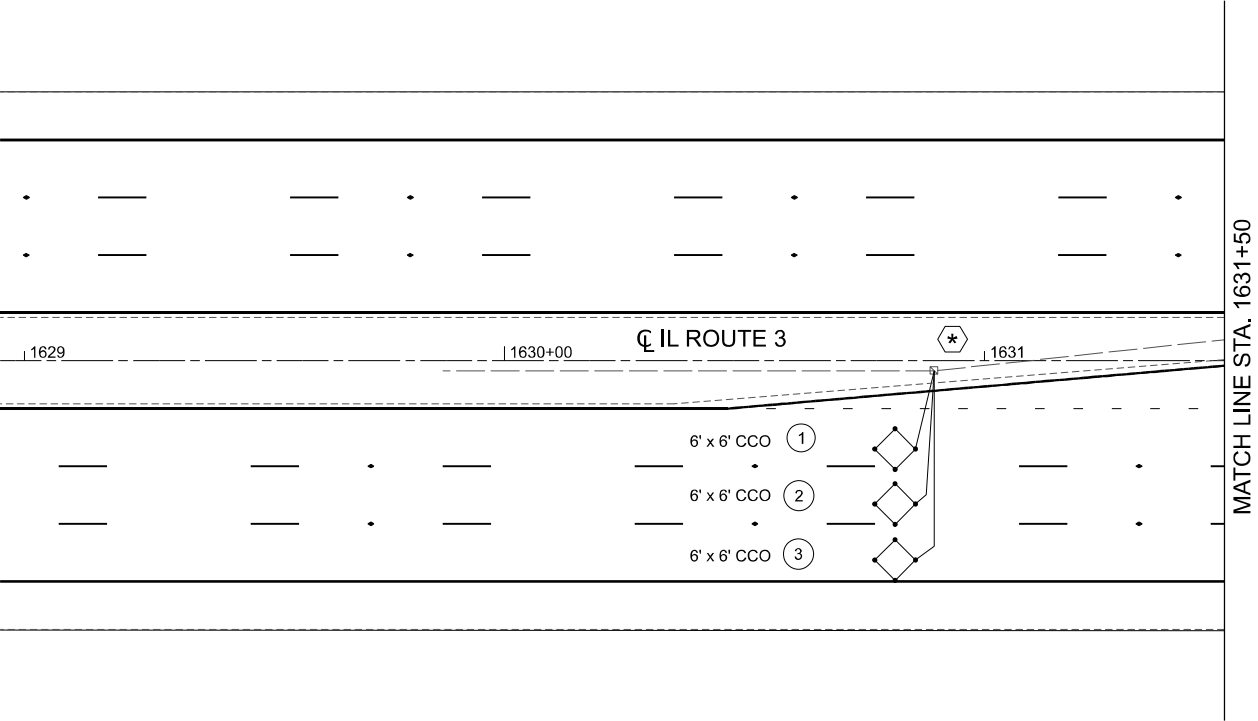
THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE, ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q = QUADRAPOLE

= SEE DETAIL

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.



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USER NAME = tkruop	DESIGNED -	REVISED -
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PLOT DATE = 1/17/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 3 & NIEDRINGHAUS AVENUE
DETECTOR LOOP REPLACEMENT PLAN

SCALE: 1"=20' SHEET 9 OF 13 SHEETS STA. 1629+00.00 TO STA. 1641+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	58
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105

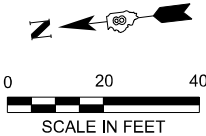
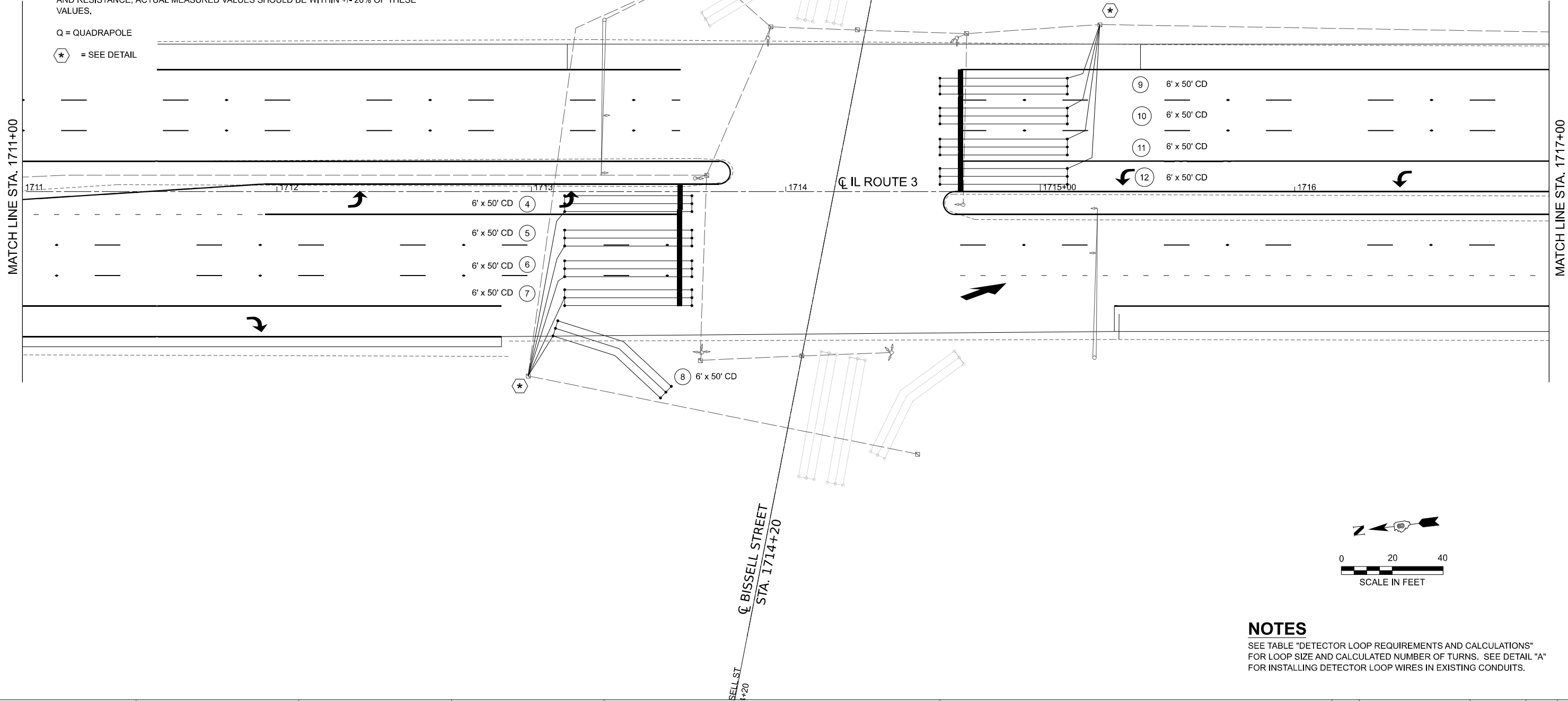
DETECTOR LOOP REQUIREMENTS & CALCULATIONS

LOOP #		PHASE #	LOOP SIZE (FT X FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE (MICROHENRIES)	CALCULATED (RESISTANCE)
1	SB THRU CCO	2	6' X 6'	5	313.1	2.06
2	SB THRU CCO	2	6' X 6'	5	316.5	2.11
3	SB THRU CCO	2	6' X 6'	5	320.2	2.15
4	SB LT CD	5	6' X 50'	3-6-3	852.1	2.70
5	SB THRU CD	2	6' X 50'	3-6-3	848.9	2.66
6	SB THRU CD	2	6' X 50'	3-6-3	846.8	2.63
7	SB THRU CD	2	6' X 50'	3-6-3	844.5	2.60
8	SB RT CD	2	6' X 50'	3-6-3	841.1	2.56
9	NB THRU CD	6	6' X 50'	3-6-3	840.5	2.49
10	NB THRU CD	6	6' X 50'	3-6-3	842.8	2.52
11	NB THRU CD	6	6' X 50'	3-6-3	845.8	2.56
12	NB LT CD	1	6' X 50'	3-6-3	849.0	2.60
13	NB THRU CCO	6	6' X 6'	5	318.8	2.10
14	NB THRU CCO	6	6' X 6'	5	322.0	2.14
15	NB THRU CCO	6	6' X 6'	5	325.9	2.19

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



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.

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	CHECKED -	REVISED -
PLOT DATE = 1/17/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 3 & BISSELL STREET
DETECTOR LOOP REPLACEMENT PLAN

SCALE: 1"=20' SHEET 10 OF 13 SHEETS STA. 1711+00.00 TO STA. 1717+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	59
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105

MODEL: EXCL-2-TS Bissell-2 [Sheet]
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

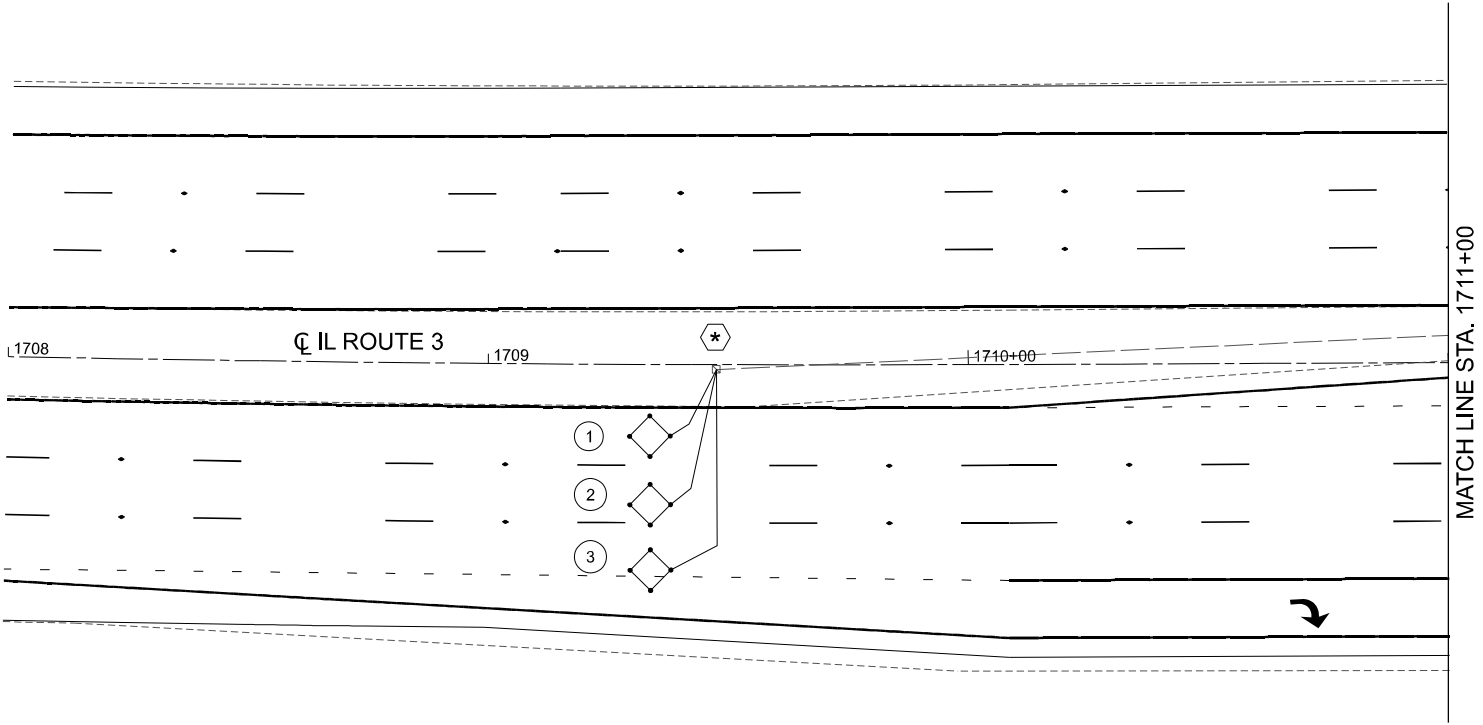
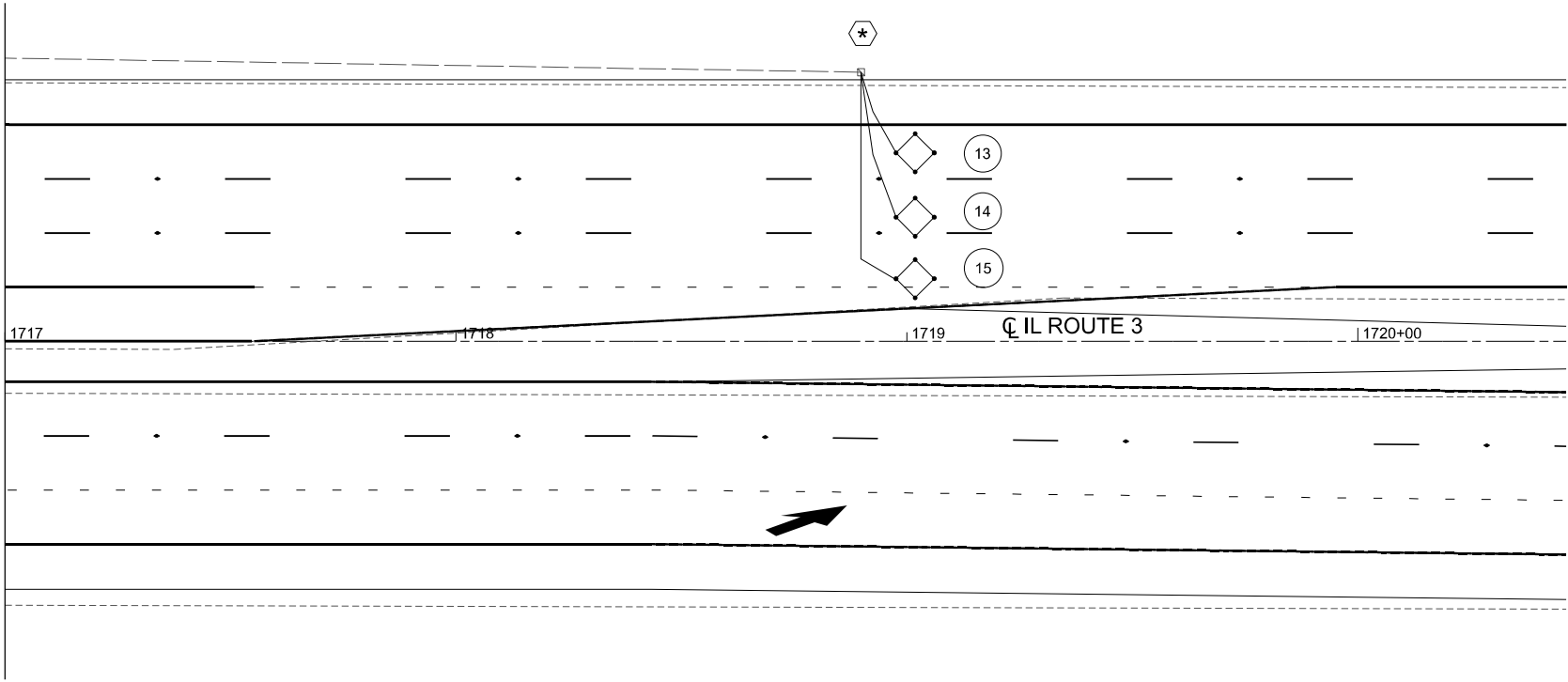
IL ROUTE 3 & BISSELL STREET
DETECTOR LOOP REPLACEMENT PLAN

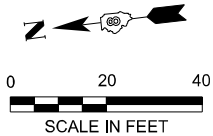
SCALE: 1"=20' SHEET 11 OF 13 SHEETS STA. 1708+00.00 TO STA. 1720+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	60
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

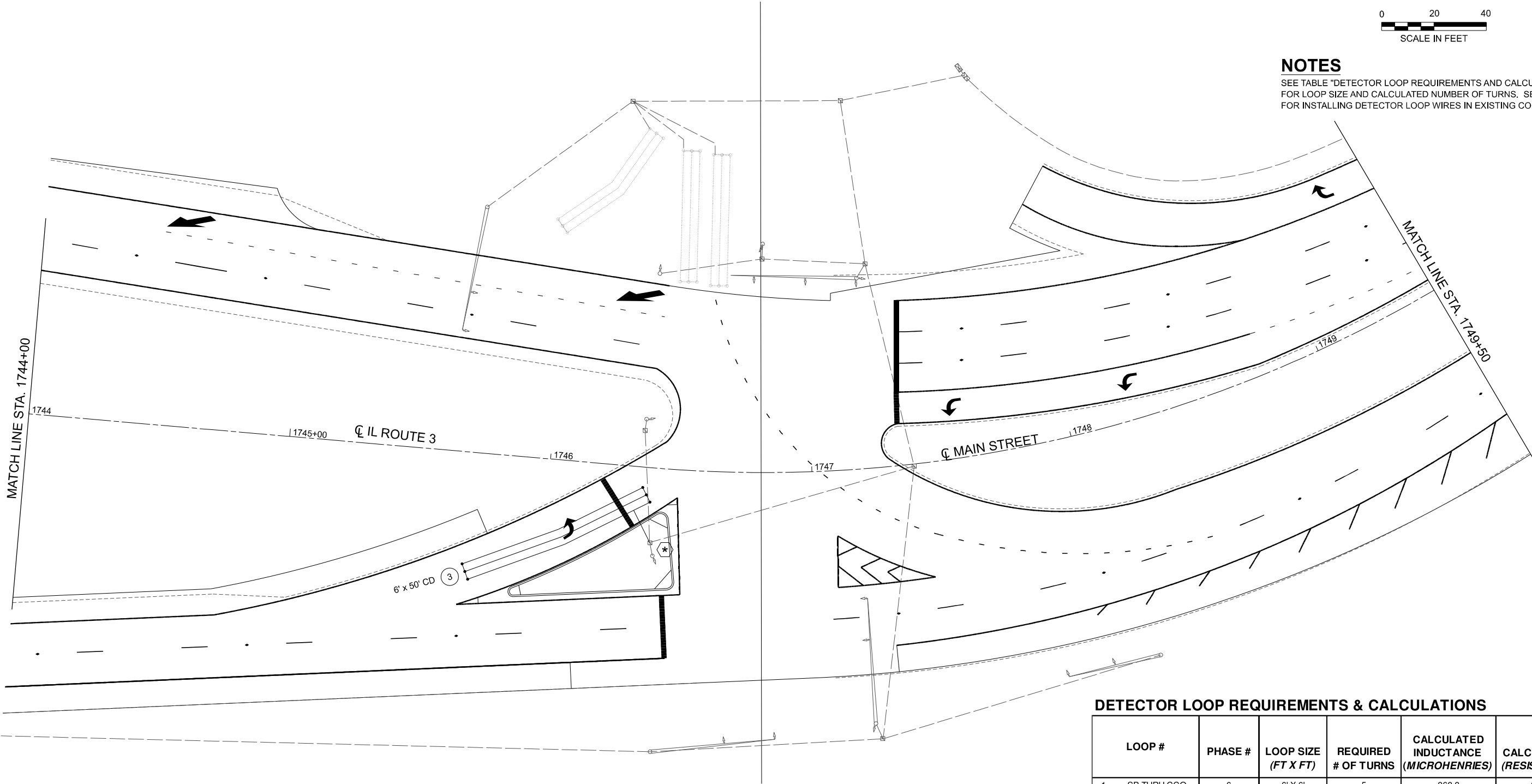
* FAP 2/FAU 9105

MATCH LINE STA. 1717+00





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.



DETECTOR LOOP REQUIREMENTS & CALCULATIONS

LOOP #	PHASE #	LOOP SIZE (FT X FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE (MICROHENRIES)	CALCULATED (RESISTANCE)
1 SB THRU CCO	6	6' X 6'	5	368.3	2.74
2 SB THRU CCO	6	6' X 6'	5	365.3	2.70
3 SB LT CD	1	6' X 50'	3-6-3	867.9	2.85
4 NB THRU CCO	2	6' X 6'	5	247.0	1.24
5 NB THRU CCO	2	6' X 6'	5	249.6	1.27
6 NB THRU CCO	2	6' X 6'	5	252.3	1.31
7 NB THRU CCO	2	6' X 6'	5	255.1	1.34

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

MODEL: EXCL-3-TS Broadway-1 [Sheet]
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PLOT DATE = 1/17/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 3/MAIN STREET & BROADWAY
DETECTOR LOOP REPLACEMENT PLAN

SCALE: 1"=20'	SHEET 12	OF 13	SHEETS	STA. 1744+00.00	TO STA. 1750+00.00
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F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	61
CONTRACT NO. 76U26				
ILLINOIS FED. AID PROJECT				

* FAP 2/FAU 9105

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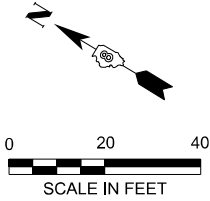
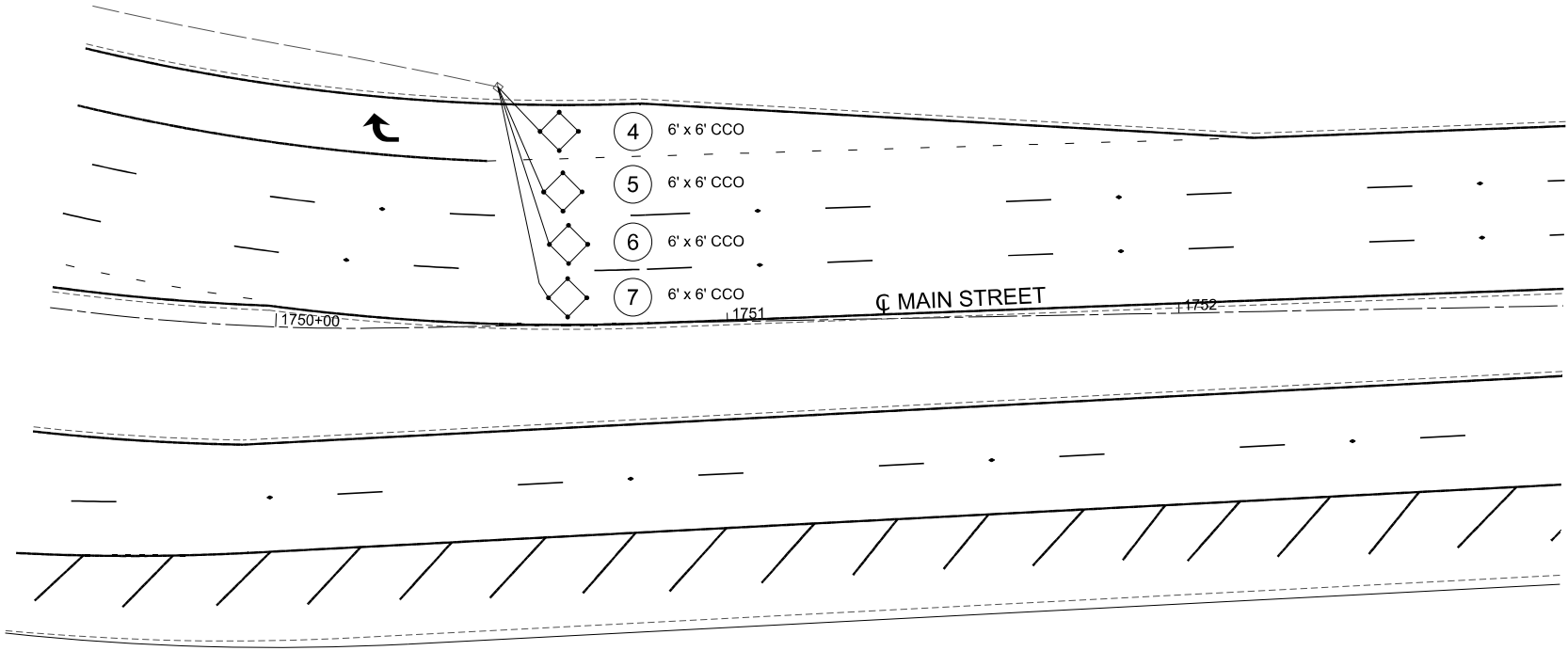
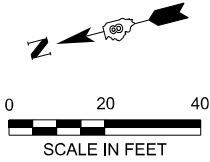
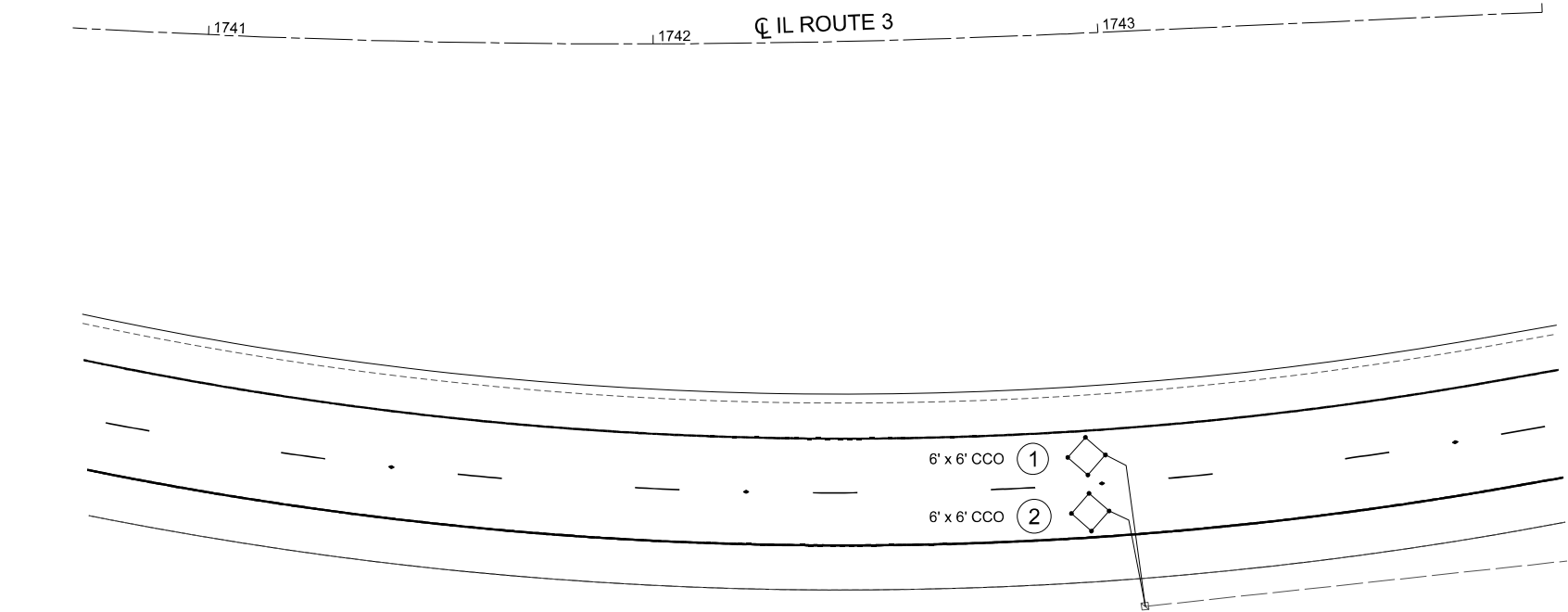
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

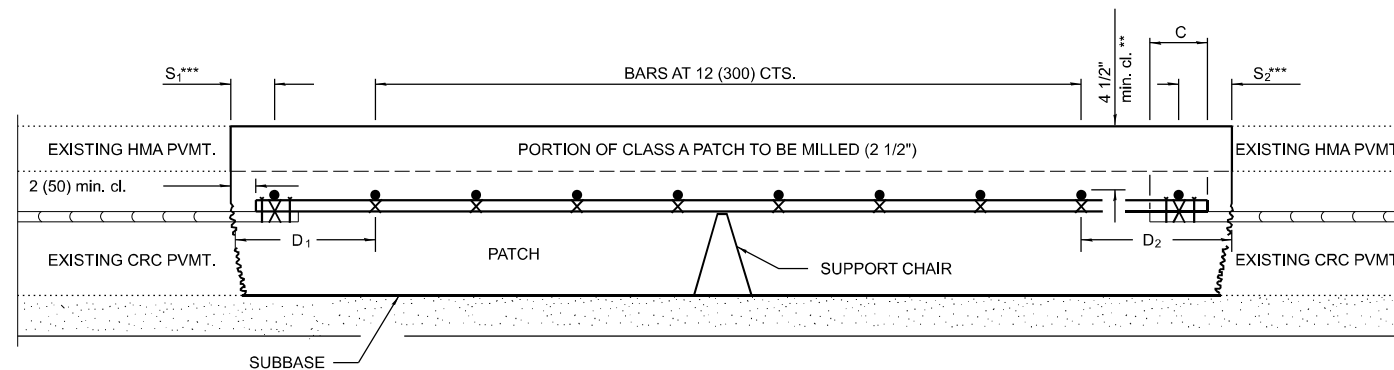
IL ROUTE 3/MAIN STREET & BROADWAY
DETECTOR LOOP REPLACEMENT PLAN

SCALE: 1"=20' SHEET 13 OF 13 SHEETS STA. 1741+47.78 TO STA. 1753+47.78

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(103, 104)RS-2, 119RS-1	MADISON	63	62
CONTRACT NO. 76U26				
		ILLINOIS	FED. AID PROJECT	

* FAP 2/FAU 9105



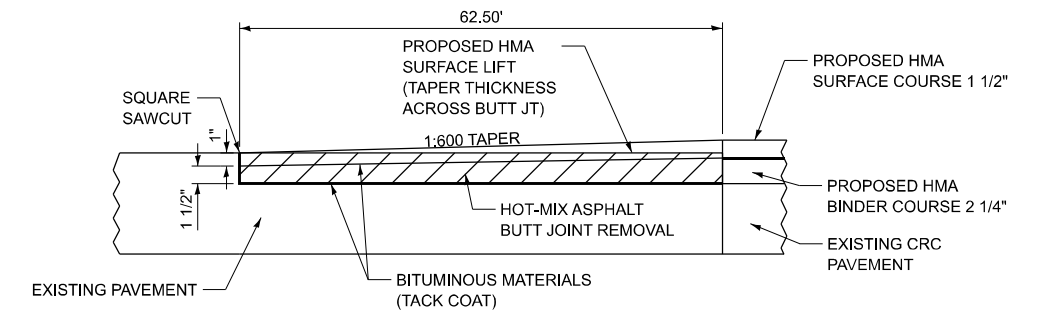


** WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE BAR ON TOP THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.

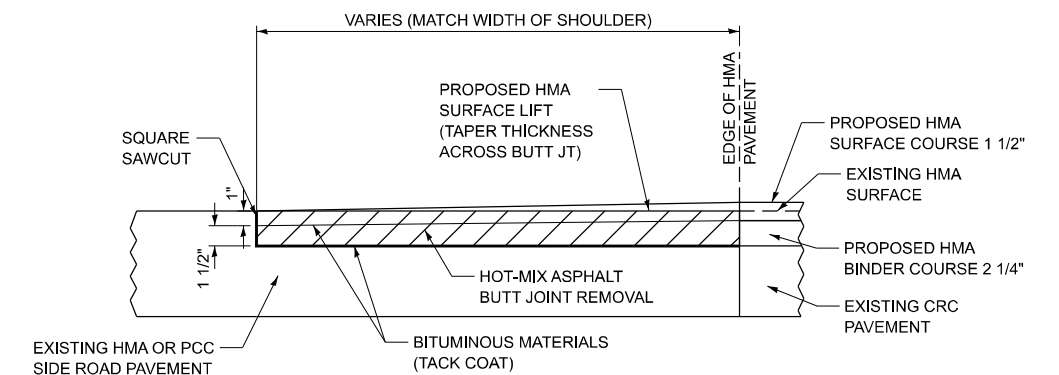
*** VARIABLE: WHERE S AND S ARE 2½ (65) MIN. AND 12 (300) MAX. D = 2(S) AND D = 2(S).

CLASS A PATCHING DETAIL

NOT TO SCALE



MAINLINE SURFACE TRANSITION



SIDE ROAD SURFACE TRANSITION

TRANSITION DETAIL

NOT TO SCALE