

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	1
		ILLINOIS	CONTRACT NO. 68J50	

INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

ROUTE SBI 8 (20th St/ North St)
SECTION 4RS-6
PROJECT STP-JEI 8(850)
3P RESURFACING
WARREN COUNTY

C-94-102-24

HIGHWAY STANDARDS

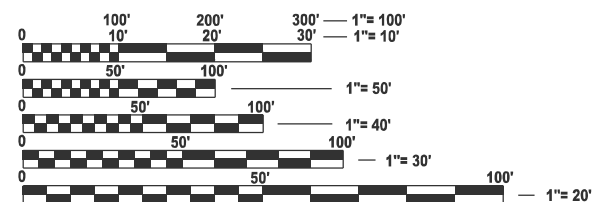
000001-09	701301-04	701901-11
482011-03	701306-04	780001-05
701001-02	701311-03	781001-04
701006-05	701336-07	
701201-05	701501-06	

D4 CADD STANDARDS

406101-D4	780001-D4
406201-D4	

DESIGN DESIGNATION:

OTHER PRINCIPAL ARTERIAL
ADT (2025): 450
MU (2021): 5%
SU (2021): 10%



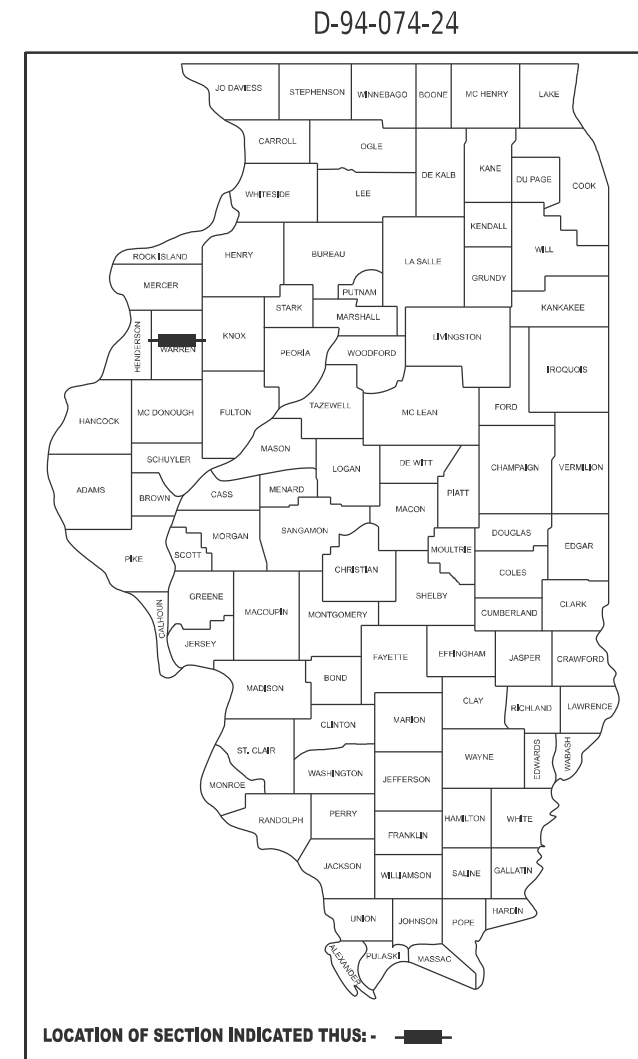
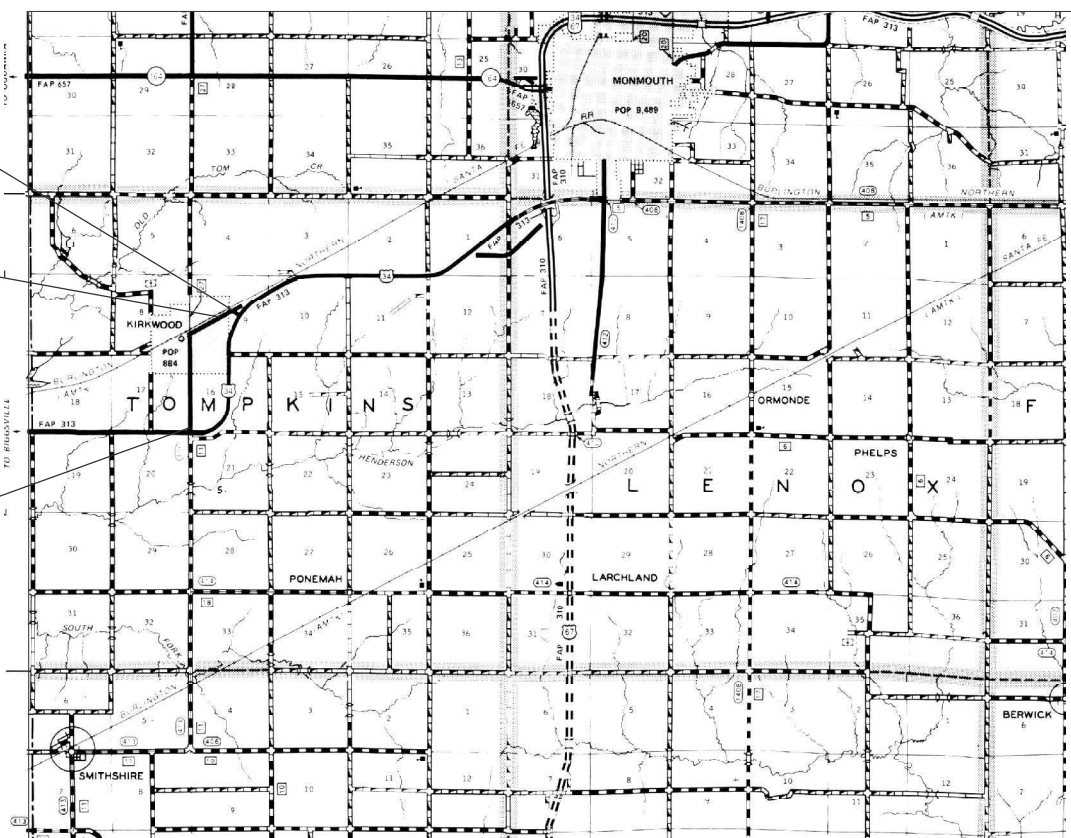
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENDS
STA. 106+90

STA. EQUATION
STA. 105+55.0 (BK) = STA.98+73.0 (AH)

PROJECT BEGINS
STA. 10+62



DESCRIPTION: DESIGNED OVERLAY ON 20TH ST FROM US 34 TO NORTH ST IN KIRKWOOD & ON NORTH ST FROM 20TH ST TO US 34 IN KIRKWOOD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Mar 20 2026
Kensil A. Garnett
REGIONAL ENGINEER

May 8 2026
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 8 2026
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PROJECT ENGINEER: REBECCA MARRUFFO 309-671-3394
PROJECT MANAGER: KYLE HARRISON 309-671-3462
CATALOG NO. 036026-01D
CONTRACT NO. 68J50

GROSS LENGTH = 9628 FT. = 1.823 MILE
NET LENGTH = 9628 FT. = 1.823 MILE

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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- 2 GENERAL NOTES
- 3-5 SUMMARY OF QUANTITIES
- 6 TYPICAL SECTIONS
- 7-9 SCHEDULE OF QUANTITIES
- 10 LINE DIAGRAM
- 11-19 GENERAL PLAN
- 20-25 DISTRICT DETAILS

GENERAL NOTES

105.06 AVAILABILITY OF ELECTRONIC FILES

CADD files of this project will be made available to the Contractor after contract award. If there is a conflict between the electronic files and the printed contract plans and documents, the printed contract plans and documents shall take precedence over the electronic files. The Contractor shall accept all risk associated with using the electronic files and shall hold the Department harmless for any errors or omissions in the electronic files and the data contained therein. Errors or delays resulting from the use of the electronic files by the Contractor shall not result in an extension of time for any interim or final completion date or shall not be considered cause for additional compensation. The Contractor shall not use, share, or distribute these electronic files except for the purpose of constructing this contract. Any claims by third parties due to use or errors shall be the responsibility of the Contractor. The Contractor shall include this disclaimer with the transfer of these electronic files to any other parties and shall include appropriate language binding them to similar responsibilities.

107.00 COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

No commitments were made for this project.

107.09A CONSECUTIVE SIDE STREET (ROAD) CLOSURE - PROHIBITED

1. No two consecutive side streets (roads) may be closed at the same time during construction. The Contractor must alternate streets (roads).
2. Adjacent sideroads will not be closed simultaneously. BLR Standard 21 shall be used for all local road closures without any entrances within the closed area. BLR Standard 22 can be used where it is necessary to allow local traffic access.

107.29 WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS

Prior to winter shutdown the following steps shall be taken:

- All cold milled surfaces shall be overlaid.
- All lanes shall be reopened to traffic.
- Manholes, where applicable, shall be adjusted to the elevation of the binder course/leveling binder to ease in plowing snow, and re-adjusted to finished grade in the Spring. The initial manhole adjustment will be paid for at the contract unit price and any re-adjustment, as directed by the Engineer, will be paid for in accordance with Article 109.04.
- Temporary or permanent pavement marking shall be placed as applicable.

204.00 ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

The required environmental resource documentation shall include the following:

- * BDE Form 2289 (Borrow Site Review)
- * BDE Form 2290 (Waste/Use Area Review)
- * A location map showing the size limits and location of the use area
- * Color photographs depicting the use area
- * Borrow Area Entry Agreement form - D4 PI0101

Prior to any waste materials being removed from the construction site the required environmental resource surveys shall be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

Please note that a minimum of four weeks shall be allowed for the District to obtain the required waste site environmental clearances and six weeks for the required borrow site environmental clearances.

406.05 POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

Surface Type	Residual Rate
Milled (HMA or PCC)	0.08 lb / sq ft
Existing Pavement	0.08 lb / sq ft
Fog Coat (between lifts)	0.08 lb / sq ft

406.19 PAVING SURFACE COURSE

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the hot-mix asphalt surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

780.00 NO PASSING ZONE VERIFICATION

The resident shall contact Operations to verify the location of no passing zones prior to placement of centerline striping.

JOB SPECIFIC NOTES:

PROPERTY OWNER ACCESS REQUIREMENTS

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closure.

TEMPORARY PAVEMENT MARKING - PAINT

Temporary Pavement Marking shall be placed in the same location as the permanent marking. Removal of temporary pavement markings will be included in the grooving for the Modified Urethane Pavement Markings.

STATIONING

Roadway Stationing is for proposed re-stationing. Stations on plan sheets may not match existing stamped conditions.

UTILITY CONTACTS		
COMPANY	CONTACT PERSON	CONTACT INFO
Ameren Illinois – Electric	Nathan Hill	DcJulierequest@Ameren.com
Frontier Communications	Kalin Hinshaw	Kalin.hinshaw@Ftr.com
Village of Kirkwood	Kevan Cooper	SMB@bczengineering.com
McDonough Power Coop	Doug Bear	dbear@mcDonoughpower.com
McDonough Telephone Coop	Clint Wisslead	cwisslead@mdtc.net
Bluebird Network	Jamie Scott	James.scott@bluebirdnetwork.com
Viola Home Telephone company	James Erhart	james@violatel.com
Nova Cablevision, Inc.	Robert Evrley	Robert.evrlet@cableone.biz

The following mixture requirements are applicable for this project:

Location(s):	Mainline	Mainline	Shoulders	Shoulders	Shoulders	Patching	Incidental
Mixture Use(s):	Polymer Surface 2.0"	Polymer Binder 1.75"	Polymer Surface 2.0"	Polymer Binder 1.75"	Binder Buildup 4.25"	Partial Depth Patching	Incidental Surface
AC/PG:	SBS or SBR 70-28	SBS or SBR 70-28	SBS or SBR 70-28	SBS or SBR 70-28	PG 58-28	PG 58-28	PG 58-28
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 9.5	IL 9.5	IL 9.5	IL 19.0	IL 9.5	IL 9.5
Friction Aggregate:	Mix D	N/A	Mix D	N/A	N/A	N/A	Mix D
Quality Management Program:	PFP	PFP	PFP	PFP	QCQA	QCQA	QCQA
MTD:	YES	YES	YES	YES	NO	NO	NO

- Note: 1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size, unless otherwise approved by the Engineer.
 2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y./in., unless otherwise noted.
 3) Sublot sizes for PFP and QCP mixes will be 1000 tons, unless otherwise agreed to by the Engineer and the paving contractor.

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	DRAWN -	REVISED -		SCALE: N/A	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	
	CHECKED -	REVISED -								WARREN	25	2
PLOT DATE = 3/19/2026	DATE -	REVISED -								CONTRACT NO. 68J50		

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				FED/STATE	
				80% / 20%	
				ROADWAY	
				0005	RURAL
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	38	38	
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	33462	33462	
40600405	MATERIAL TRANSFER DEVICE	TON	4822	4822	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1502	1502	
40600990	TEMPORARY RAMP	SQ YD	245	245	
40603205	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	2155	2155	
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	2870	2870	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	23	23	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	21114	21114	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	23	23	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1000	1000	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	322	322	
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	

USERNAME = abdallah.sweidan	DESIGNED -	REVISED -
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	CHECKED -	REVISED -
PLOT DATE = 3/16/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	3
CONTRACT NO. 68J50				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				FED/STATE	
				80% / 20%	
				ROADWAY	
				0005	RURAL
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3102	3102	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	345	345	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	4265	4265	
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	20047	20047	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	4265	4265	
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	20047	20047	
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	4265	4265	
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	20047	20047	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	130	130	
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	SQ YD	597	597	

*= SPECIALTY ITEM

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	DRAWN -	REVISED -						8	4RS-6	WARREN	25	4
	CHECKED -	REVISED -						CONTRACT NO. 68J50				
PLOT DATE = 3/16/2026	DATE -	REVISED -		SCALE:	SHEET 2	OF 3	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				FED/STATE	
				80% / 20%	
				ROADWAY	
				0005	RURAL
X4421000	PARTIAL DEPTH PATCHING	TON	278		278
X4421002	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	2486		2486
X4810200	AGGREGATE SHOULDER REMOVAL	CU YD	56		56
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1		1

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	CHECKED -	REVISED -
PLOT DATE = 3/16/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

S.B.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	5
CONTRACT NO. 68J50				
ILLINOIS FED. AID PROJECT				

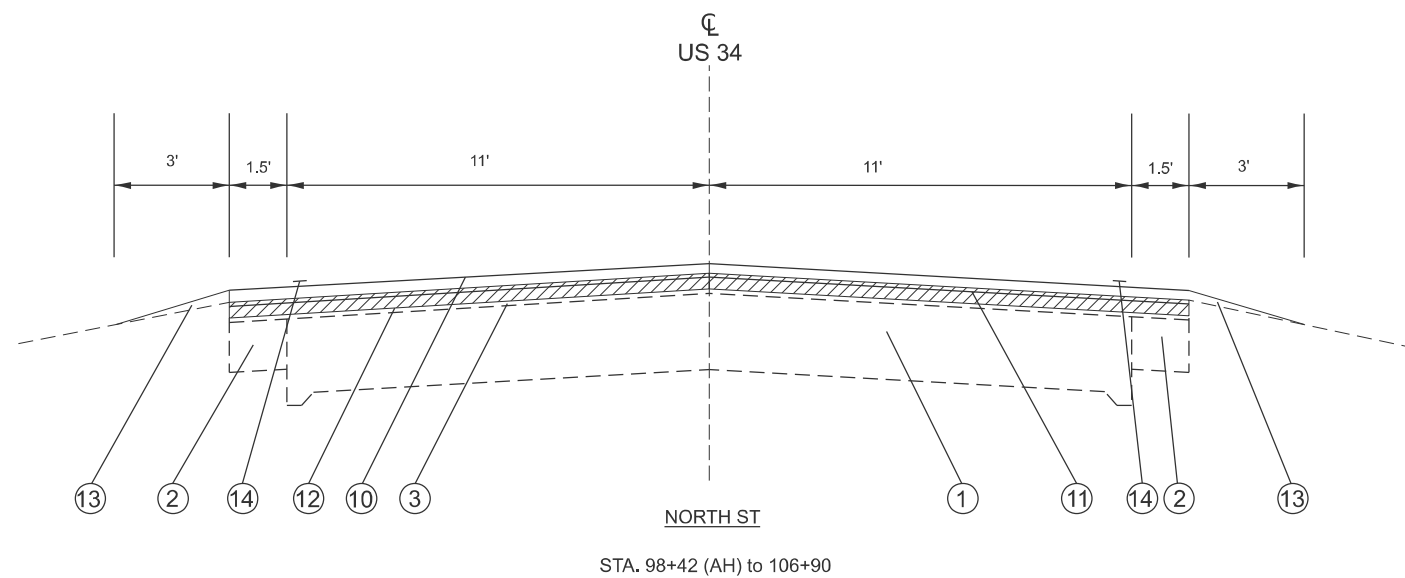
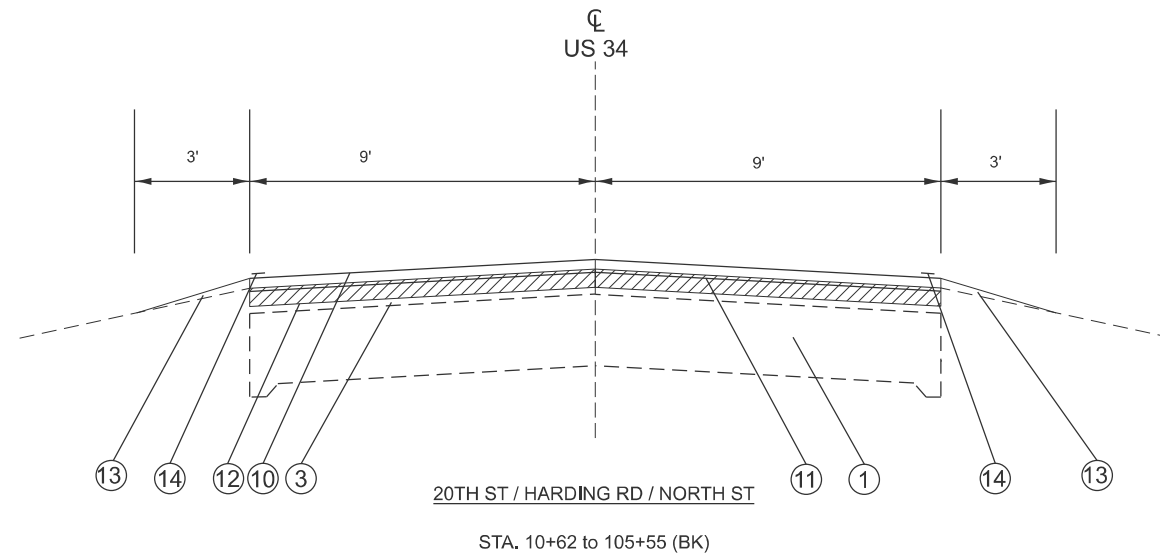
LEGEND

EXISTING ITEMS

- ① EXIST. PAVEMENT
- ② EXIST. BITUMINOUS WIDENING
- ③ EXIST. HMA PAVEMENT

PROPOSED ITEMS

- ⑩ PROP. HMA SURFACE COURSE, MIX "C", N50 - 2.0"
- ⑪ PROP. POLY HMA BINDER COURSE, IL-9.5FG N50 - 1.75"
- ⑫ PROP. HMA SURFACE REMOVAL, 2"
- ⑬ PROP. AGGREGATE SHOULDER TYPE "B"
- ⑭ PROP. MODIFIED URETHANE PAVEMENT MARKINGS



* STATION EQUATION
105+55 BK = 98+42 AH

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PLOT DATE = 3/12/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	6
CONTRACT NO. 68J50				
ILLINOIS FED. AID PROJECT				

MAINLINE RESURFACING SCHEDULE															
LOCATION	LENGTH	WIDTH	AREA	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	HMA SURFACE REMOVAL, 2"	POLY. BIT. MATERIALS (TACK COAT)		HMA SURFACE REMOVAL (SPECIAL)	POLY. HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	POLY. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50		MATERIAL TRANSFER DEVICE		
					1:40		0.08 LB/SQ 2 FT APPLICATIONS	QTY FOR JOINT TRIMMING	JOINT TRIMMING	1 3/4"	2.0"	JOINT TRIMMING			
STATION	FOOT	FOOT	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	POUND	POUND	SQ. YD.	TON	TON	TON	TON		
STA 10+62.0 TO STA 10+97.0	35.0	18.0	70.0	70.0	13.3		100.8	1.4	1.9	6.9	7.8	0.2	14.9		
STA 10+97.0 TO STA 15+00.0	403.0	18.0	806.0			806.0	1160.6	16.1	22.4	79.0	90.3	2.5	171.8		
STA 15+30.0 TO STA 16+48.0	118	18.0	236.0			236.0	339.8	4.7	6.6	23.1	26.4	0.7	50.3		
STA 16+48.0 TO STA 102+00.0	8552	18.0	17104.0			17104.0	24629.8	342.1	475.1	1676.2	1915.6	53.2	3645.1		
STA 102+00.0 TO STA 103+75.0	175	18.0	350.0			350.0	504.0	7.0	9.7	34.3	39.2	1.1	74.6		
STA 103+75.0 TO STA 105+25.0	150	18.0	300.0			300.0	432.0	6.0	8.3	29.4	33.6	0.9	63.9		
STA 105+25.0 TO STA 105+55.0	30	18.0	60.0			60.0	86.4	1.2	1.7	5.9	6.7	0.2	12.8		
STA. 105+55.0 (BK) = STA. 98+42.0 (AH)															
STA 98+42.0 TO STA 106+55.0	813	25.0	2258.3			2258.3	3252.0	32.5	45.2	221.3	252.9	5.1	479.3		
STA 106+55.0 TO STA 106+90.0	35.0	25.0	97.2	97.2	18.5		140.0	1.4	1.9	9.5	10.9	0.2	20.6		
SIDE ROADS															
KNOLL DR			85.9	85.9	17.8		123.6	1.3	1.8	4.2	9.6	0.2	14.0		
LT WALNUT ST			99.9	99.9	17.8		143.9	1.5	2.1	4.9	11.2	0.2	16.3		
RT WALNUT ST			180.9	180.9	17.8		260.5	2.1	2.9	8.9	20.3	0.3	29.5		
LT CHESTNUT ST			49.2	49.2	17.8		70.8	0.9	1.2	2.4	5.5	0.1	8.1		
RT CHESTNUT ST			43.8	43.8	17.8		63.0	0.8	1.1	2.1	4.9	0.1	7.2		
LT LOCUST ST			87.8	87.8	17.8		126.4	1.3	1.7	4.3	9.8	0.2	14.3		
RT LOCUST ST			91.0	91.0	17.8		131.1	1.3	1.9	4.5	10.2	0.2	14.9		
CEDAR ST			98.1	98.1	17.8		141.2	1.5	2.1	4.8	11.0	0.2	16.0		
LT CHERRY ST			150.7	150.7	17.8		217.0	1.9	2.7	7.4	16.9	0.3	24.6		
RT CHERRY ST			97.6	97.6	17.8		140.6	1.5	2.1	4.8	10.9	0.2	15.9		
PLUM ST			67.1	67.1	17.8		96.7	1.1	1.5	3.3	7.5	0.2	11.0		
N HARDING ST			203.8	203.8	17.8		293.5	2.6	3.6	10.0	22.8	0.4	33.2		
SUB-TOTAL				1423.0	245.2	21114.3	32453.7	430.2	597.5	2147.1	2524.2	66.9	4738.2		
ENTRANCE SCHEDULE SUB-TOTAL				78.6	-	-	577.6	-	-	7.7	78.6	-	84.2		
TOTAL				1502	245	21114	33462		597	2155	2670		4822		

JOBSITE SCHEDULE						
LOCATION	MOBILIZATION	ENGINEER'S FIELD OFFICE, TYPE A	CHANGEABLE MESSAGE SIGN	CONSTRUCTION STATION LAYOUT	TRAFFIC CONTROL AND PROTECTION STANDARD 701201	TRAFFIC CONTROL AND PROTECTION STANDARD 701306
	LSUM	CAL MO	CAL DAY	LSUM	LSUM	LSUM
JOBSITE	1.0	6.0	14.0	1.0	1.0	1.0
TOTAL	1	6	14	1	1	1

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	7
CONTRACT NO. 68J50				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE												
LOCATION				LENGTH	MODIFIED URETHANE PAVEMENT MARKING - 4"			MODIFIED URETHANE PAVEMENT MARKING - 6"	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 7"		
					YELLOW	YELLOW	YELLOW					
					SKIP	SOLID	DOUBLE SOLID	WHITE	FOOT	FOOT	FOOT	
STATION				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT			
STA	10+62.00	TO	STA	57+49.0	4687.00	1170.0			9374.0	1170.0	9374.0	
STA	57+49.0	TO	STA	58+00.0	51.00	10.0			51.0	10.0	51.0	
STA	58+00.0	TO	STA	62+61.0	461.00	120.0			922.0	120.0	922.0	
STA	62+61.0	TO	STA	63+30.0	69.00	20.0				20.0		
STA	63+30.0	TO	STA	65+75.0	245.00	60.0			490.0	60.0	490.0	
STA	65+75.0	TO	STA	66+19.0	44.00	10.0				10.0		
STA	66+19.0	TO	STA	68+76.0	257.00	60.0			514.0	60.0	514.0	
STA	68+76.0	TO	STA	69+25.0	49.00	10.0				10.0		
STA	69+25.0	TO	STA	71+64.0	239.00	60.0			478.0	60.0	478.0	
STA	71+64.0	TO	STA	72+20.0	56.00	10.0			56.0	10.0	56.0	
STA	72+20.0	TO	STA	73+25.0	105.00	30.0			210.0	30.0	210.0	
STA	73+25.0	TO	STA	74+55.0	130.00	30.0	130.0		260.0	160.0	260.0	
STA	74+55.0	TO	STA	75+12.0	57.00	10.0	57.0			67.0		
STA	75+12.0	TO	STA	77+30.0	218.00	50.0	218.0		436.0	268.0	436.0	
STA	77+30.0	TO	STA	78+88.0	158.00		316.0		316.0	316.0	316.0	
STA	78+88.0	TO	STA	79+78.0	90.00		180.0		180.0	180.0	90.0	
STA	79+78.0	TO	STA	84+70.0	492.00		984.0		984.0	984.0	984.0	
STA	84+70.0	TO	STA	105+55.0	2085.00	520.0			4170.0	520.0	4170.0	
STA. 105+55.0 (BK) = STA. 98+42.0 (AH)												
STA	98+42.0	TO	STA	106+90.0	848.00	210.0			1696.0	210.0	1696.0	
SUB-TOTAL					2380.0	405.0	1480.0	20047.0	4265.0	20047.0		
TOTAL					4265			20047	4265	20047		

TEMPORARY PAVEMENT MARKING SCHEDULE										
LOCATION				LENGTH	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT			TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT		
					YELLOW	YELLOW	YELLOW			
					SKIP	SOLID	DOUBLE SOLID	WHITE	FOOT	FOOT
STATION				FOOT	FOOT	FOOT	FOOT	FOOT		
STA	10+62.00	TO	STA	57+49.0	4687.00	1170.0			9374.0	
STA	57+49.0	TO	STA	58+00.0	51.00	10.0			51.0	
STA	58+00.0	TO	STA	62+61.0	461.00	120.0			922.0	
STA	62+61.0	TO	STA	63+30.0	69.00	20.0				
STA	63+30.0	TO	STA	65+75.0	245.00	60.0			490.0	
STA	65+75.0	TO	STA	66+19.0	44.00	10.0				
STA	66+19.0	TO	STA	68+76.0	257.00	60.0			514.0	
STA	68+76.0	TO	STA	69+25.0	49.00	10.0				
STA	69+25.0	TO	STA	71+64.0	239.00	60.0			478.0	
STA	71+64.0	TO	STA	72+20.0	56.00	10.0			56.0	
STA	72+20.0	TO	STA	73+25.0	105.00	30.0			210.0	
STA	73+25.0	TO	STA	74+55.0	130.00	30.0	130.0		260.0	
STA	74+55.0	TO	STA	75+12.0	57.00	10.0	57.0			
STA	75+12.0	TO	STA	77+30.0	218.00	50.0	218.0		436.0	
STA	77+30.0	TO	STA	78+88.0	158.00			316.0	316.0	
STA	78+88.0	TO	STA	79+78.0	90.00			180.0	90.0	
STA	79+78.0	TO	STA	84+70.0	492.00			984.0	984.0	
STA	84+70.0	TO	STA	105+55.0	2085.00	520.0			4170.0	
STA. 105+55.0 (BK) = STA. 98+42.0 (AH)										
STA	98+42.0	TO	STA	106+90.0	848.00	210.0			1696.0	
SUB-TOTAL					2380.0	405.0	1480.0	20047.0		
TOTAL					4265			20047		

AGGREGATE SHOULDER SCHEDULE							
LOCATION				LENGTH	WIDTH	AGGREGATE SHOULDER, TYPE B	
							FOOT
RT.							
STA	10+62.0	TO	STA	62+55.0	5193.0	3.0	271.1
STA	63+42.0	TO	STA	65+75.0	233.0	3.0	12.2
STA	66+27.0	TO	STA	68+70.0	243.0	3.0	12.7
STA	69+34.0	TO	STA	74+48.0	514.0	3.0	26.8
STA	75+23.0	TO	STA	105+55.0	3032.0	3.0	158.3
STA. 105+55.0 (BK) = STA. 98+42.0 (AH)							
STA	98+42.0	TO	STA	100+08.0	166.0	3.0	8.7
LT.							
STA	10+62.0	TO	STA	57+47.0	4685.0	3.0	244.6
STA	57+99.0	TO	STA	62+74.0	475.0	3.0	24.8
STA	63+45.0	TO	STA	65+76.0	231.0	3.0	12.1
STA	66+27.0	TO	STA	68+74.0	247.0	3.0	12.9
STA	69+34.0	TO	STA	71+55.0	221.0	3.0	11.5
STA	72+30.0	TO	STA	74+51.0	221.0	3.0	11.5
STA	75+31.0	TO	STA	77+44.0	213.0	3.0	11.1
STA	78+10.0	TO	STA	78+85.0	75.0	3.0	3.9
STA	79+86.0	TO	STA	105+55.0	2569.0	3.0	134.1
STA. 105+55.0 (BK) = STA. 98+42.0 (AH)							
STA	98+42.0	TO	STA	106+90.0	848.0	3.0	44.3
TOTAL							1000

SHORT TERM PAVEMENT MARKING SCHEDULE								
LOCATION				LENGTH	SHORT TERM PAVEMENT MARKING		SHORT TERM PAVEMENT MARKING REMOVAL	
					# OF APPLICATIONS	YELLOW		
STATION				FOOT	FOOT	SQ. FT.		
STA	10+62.00	TO	STA	105+55.0	9493.00	3.00	2847.9	316.4
STA. 105+55.0 (BK) = STA. 98+42.0 (AH)								
STA	98+42.00	TO	STA	106+90.0	848.00	3.00	254.4	28.3
TOTAL					3102		345	

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	DRAWN -	REVISED -
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PLOT DATE = 3/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

S.B.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	8
CONTRACT NO. 68J50				
ILLINOIS FED. AID PROJECT				

ENTRANCE SCHEDULE																	
LOCATION			TYPE	EXISTING MATERIAL	CENTERLINE OFFSET	AREA	AGGREGATE SURFACE COURSE, TYPE A	HMA SURFACE REMOVAL - BUTT JOINT	POLY, HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	POLY. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	POLY. BIT. MATERIALS (TACK COAT)	MATERIAL TRANSFER DEVICE	PCC DRIVEWAY PAVEMENT, 8 INCH	DRIVEWAY PAVEMENT REMOVAL	HOT-MIX ASPHALT SHOULDERS	AGGREGATE SHOULDER REMOVAL	
							SQ. FT.	TON	SQ. YD.	TON	TON	POUND	TON	SQ. YD.	SQ. YD.	8 INCH SQ. YD.	6.25 INCH CU YD
RT	STA.	11+76.0	FE	AGG	14.0	116.6	1.3										
RT	STA.	23+23.0	FE	AGG	14.0	80.1	0.9										
LT	STA.	23+20.0	FE	AGG	14.0	54.8	0.6										
LT	STA.	24+17.0	FE	AGG	14.0	170.9	1.9										
LT	STA.	36+60.0	FE	AGG	14.0	76.3	0.8										
LT	STA.	46+38.0	PE	AGG	14.0	298.9	3.3										
LT	STA.	48+54.0	PE	AGG	14.0	198.1	2.2										
LT	STA.	59+88.0	PE	PCC	14.0	205.7							22.9	22.9			
RT	STA.	61+45.0	FE	AGG	14.0	186.6	2.1										
LT	STA.	62+06.0	MB	HMA	17.0	367.6				58.8	8.6				40.8	7.1	
LT	STA.	63+73.0	MB	HMA	17.0	368.1				58.9	8.6				40.9	7.1	
RT	STA.	64+44.0	PE	AGG	14.0	152.1	1.7										
RT	STA.	64+84.0	PE	AGG	14.0	98.1	1.1										
LT	STA.	66+59.0	MB	HMA	17.0	368.2				58.9	8.6				40.9	7.1	
LT	STA.	69+51.0	MB	HMA	17.0	340.8				54.5	8.0				37.9	6.6	
RT	STA.	70+46.0	PE	AGG	14.0	559.5	6.2										
RT	STA.	71+93.0	FE	AGG	14.0	109.3	1.2										
LT	STA.	73+55.0	PE	HMA	14.0	151.3		16.8	1.6	1.9	24.2	3.5					
LT	STA.	74+20.0	MB	HMA	17.0	715.7					114.5	16.7			79.5	13.8	
LT	STA.	76+25.0	PE	HMA	14.0	309.9		34.4	3.4	3.9	49.6	7.2					
LT	STA.	76+50.0	PE	AGG	14.0	92.0	1.0										
RT	STA.	77+77.0	PE	AGG	14.0	128.7	1.4										
LT	STA.	80+15.0	MB	HMA	22.0	367.9					58.9	8.6			40.9	7.1	
RT	STA.	80+88.0	PE	AGG	14.0	150.2	1.7										
RT	STA.	83+03.0	PE	AGG	14.0	95.3	1.1										
RT	STA.	87+00.0	FE	HMA/AGG	19.0	203.2	1.1	11.3	1.1	1.3	16.3	2.4					
RT	STA.	90+25.0	FE	AGG	19.0	196.8	2.2										
LT	STA.	104+36.0	MB	HMA	17.0	373.9					59.8	8.7			41.5	7.2	
RT	STA.	104+43.0	PE	HMA	14.0	145.0		16.1	1.6	1.8	23.2	3.4					
STA. 105+55.0 (BK) = STA. 98+42.0 (AH)																	
LT	STA.	103+00.0	FE	AGG	16.0	325.1	3.6										
RT	STA.	106+70.0	FE	AGG	17.5	230.6	2.6										
SUB-TOTAL							37.9	78.6	7.7	8.8	577.6	84.2	22.9	22.9	322.5	56.0	
TOTAL							38						23	23	322	56	

PARTIAL DEPTH PATCHING SCHEDULE		
LOCATION	PARTIAL DEPTH PATCHING (SPECIAL)	PARTIAL DEPTH PATCHING
	SQ. YD.	TON
JOBSITE	2486.0	278.0
TOTAL	2486	278

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE							
LOCATION					LENGTH	RAISED REFLECTIVE PAVEMENT MARKER	
STATION						FOOT	EACH
STA	10+62.00	TO	STA	105+55.0	9493.00	119.0	
STA. 105+55.0 (BK) = STA. 98+42.0 (AH)							
STA	98+42.0	TO	STA	106+90.0	848.00	11.0	
SUB-TOTAL						130.0	
TOTAL						130	

UTILITY SCHEDULE						
LOCATION		TYPE	UTILITY	MANHOLES TO BE ADJUSTED		
STATION	OFFSET			EACH	EACH	
IL 78						
STA	71+85	LT	25.0	MANHOLE	SANITARY	1
TOTAL						1

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USER NAME = kyle.harrison	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 3/23/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

S.B.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	9
CONTRACT NO. 68J50				
ILLINOIS FED. AID PROJECT				



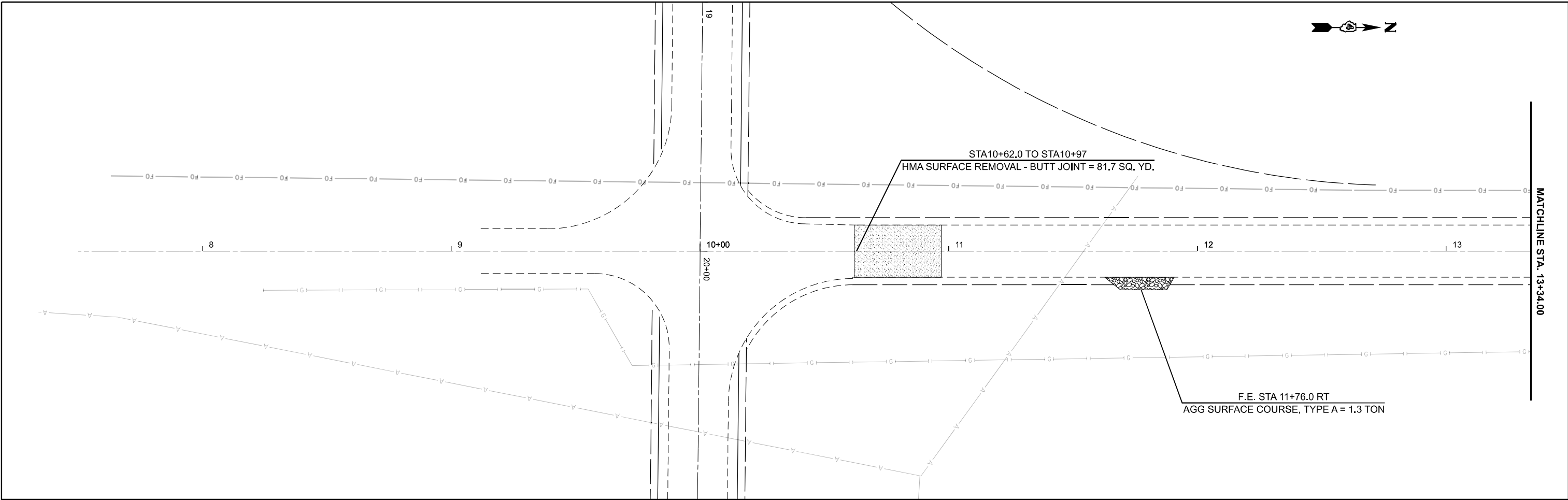
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINE DIAGRAM			
SCALE: N/A	SHEET 1	OF 1 SHEETS	STA. TO STA.

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	10
CONTRACT NO. 68J50				
ILLINOIS FED. AID PROJECT				



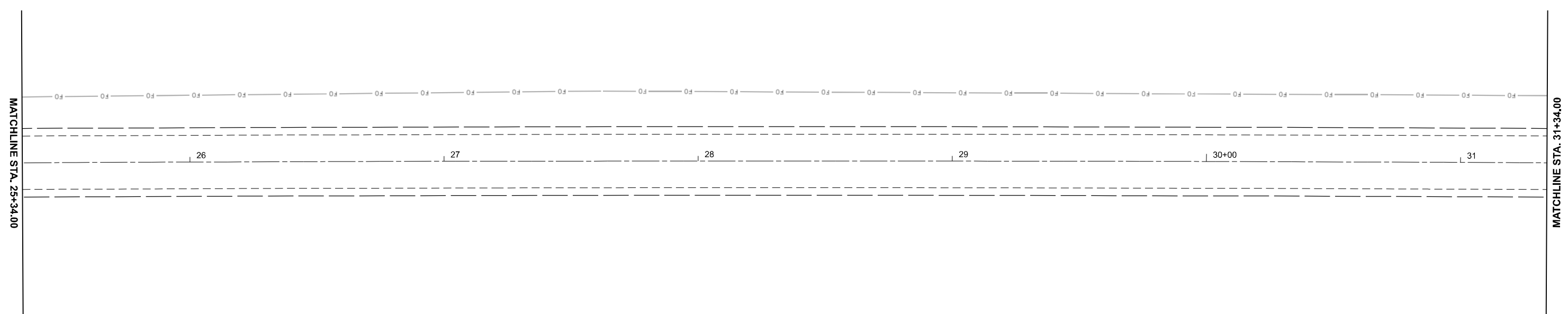
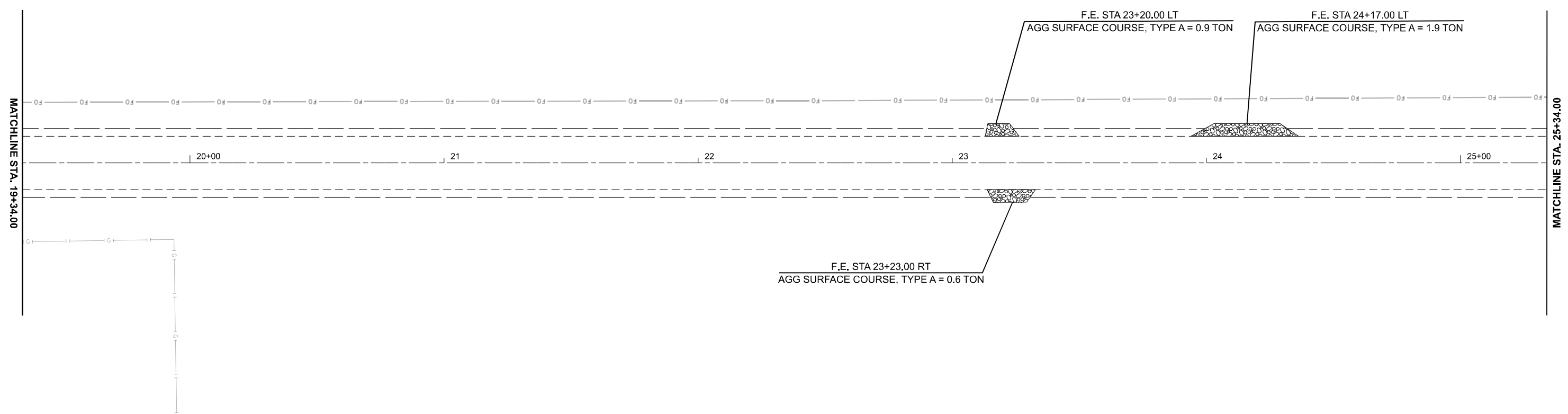
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PLOT DATE = 4/30/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN
 SCALE: 1"=20' SHEET 1 OF 9 SHEETS STA. 7+34.00 TO STA. 19+34.00

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	11
CONTRACT NO. 68J50				
ILLINOIS FED. AID PROJECT				



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	CHECKED -	REVISED -
PLOT DATE = 4/30/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: 1"=20' SHEET 2 OF 9 SHEETS STA. 19+34.00 TO STA. 31+34.00

S.B.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	12
CONTRACT NO. 68J50				
ILLINOIS FED. AID PROJECT				



F.E. STA 36+60.00 LT
 AGG SURFACE COURSE, TYPE A = 0,8 TON



MATCHLINE STA. 31+34.00

MATCHLINE STA. 37+34.00

32

33

34

35+00

36

37



MATCHLINE STA. 37+34.00

MATCHLINE STA. 43+34.00

38

39

40+00

41

42

43

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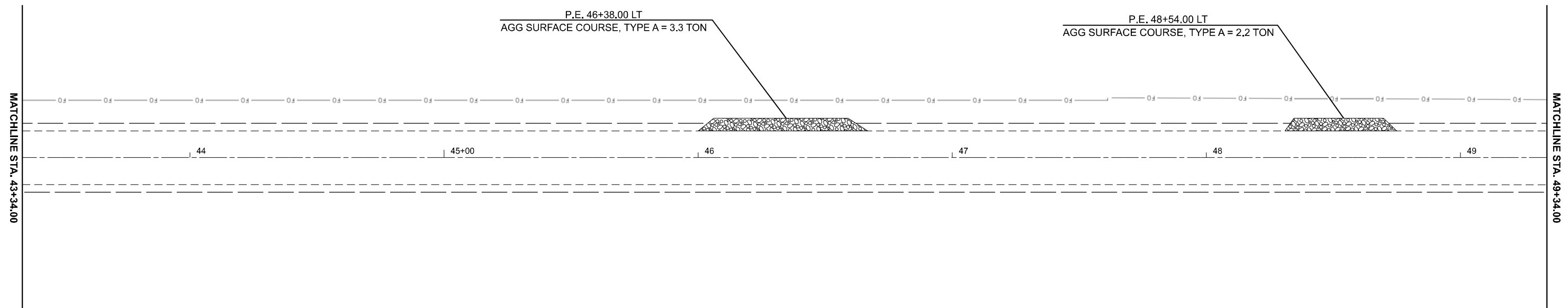
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PLOT DATE = 4/30/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: 1"=20' SHEET 3 OF 9 SHEETS STA. 31+34.00 TO STA. 43+34.00

S.B.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	13
CONTRACT NO. 68J50				
ILLINOIS FED. AID PROJECT				



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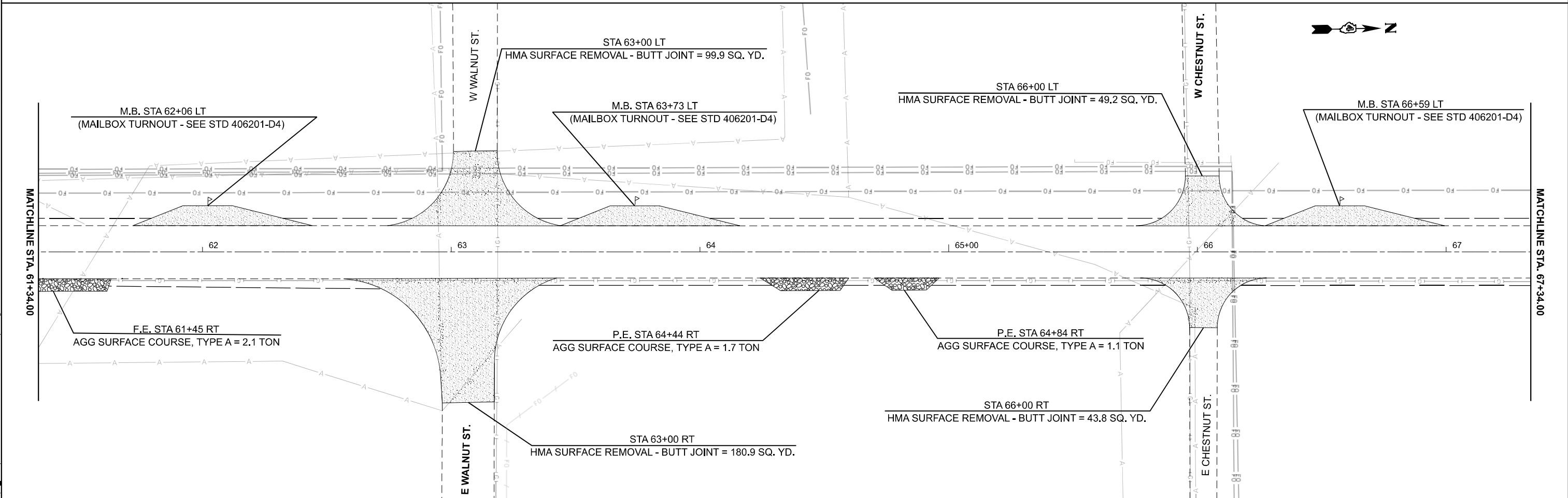
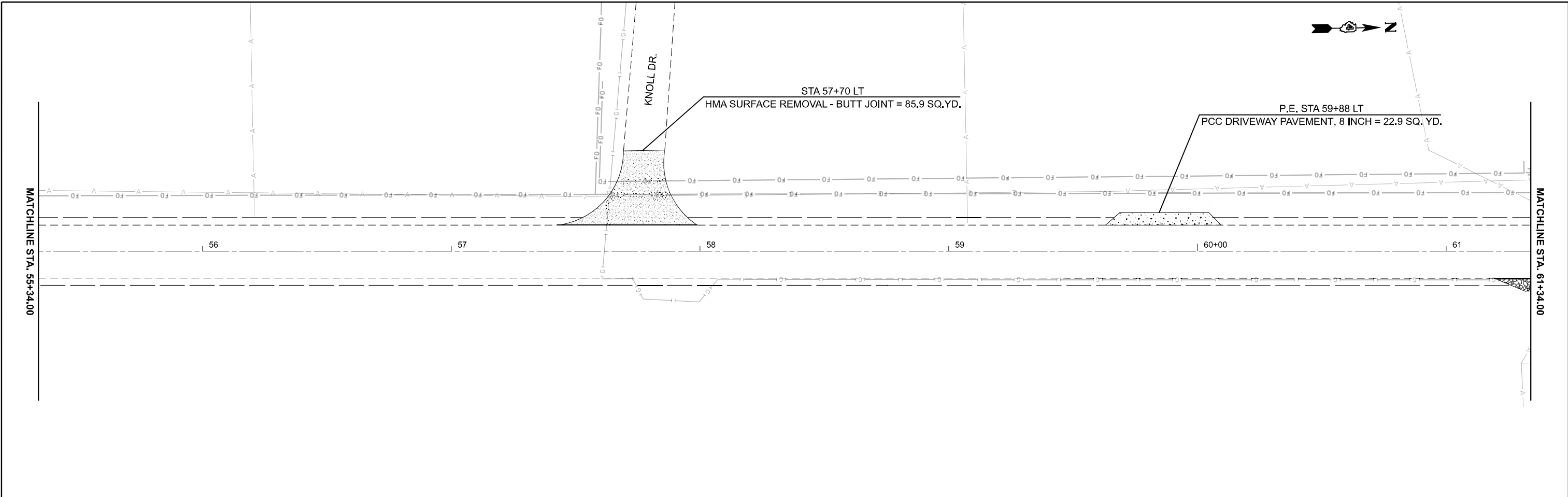
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	CHECKED -	REVISED -
PLOT DATE = 4/30/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: 1"=20' SHEET 4 OF 9 SHEETS STA. 43+34.00 TO STA. 55+34.00

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	14
CONTRACT NO. 68J50				
ILLINOIS FED. AID PROJECT				



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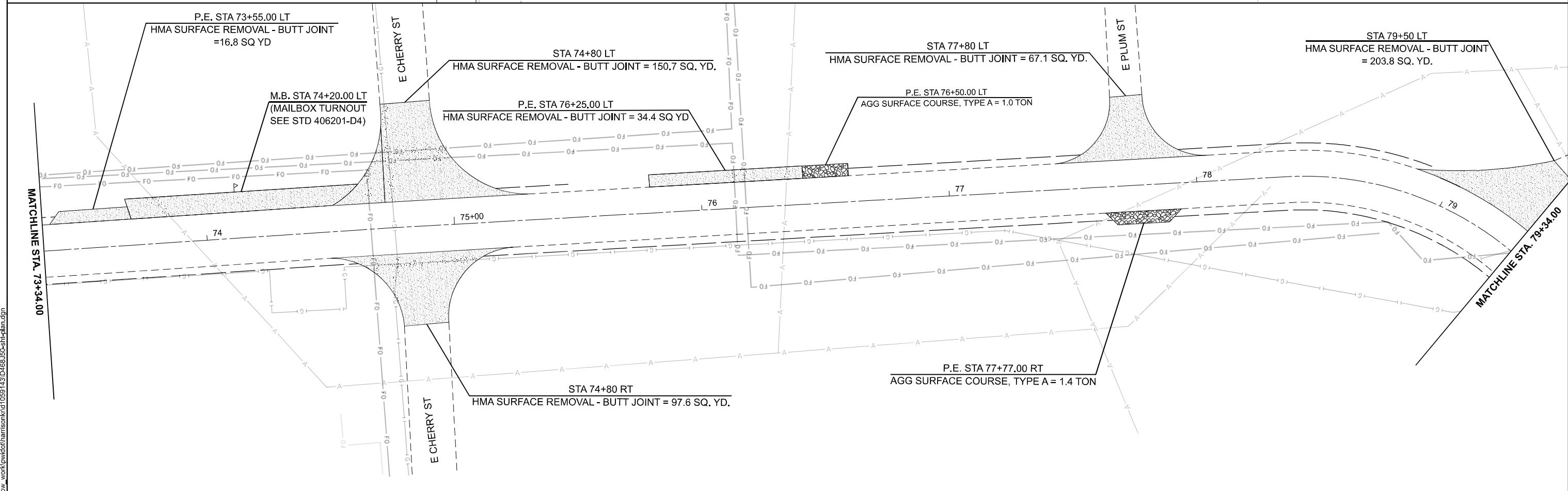
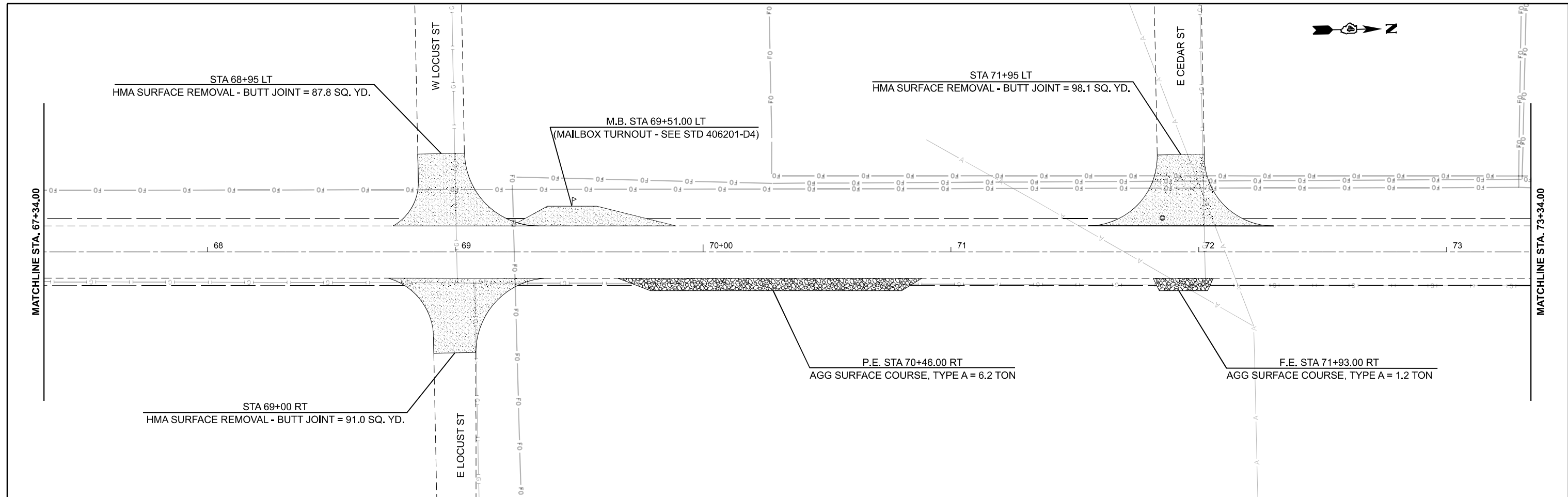
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PLOT DATE = 4/30/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: 1"=20' SHEET 5 OF 9 SHEETS STA. 55+34.00 TO STA. 67+34.00

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	15
CONTRACT NO. 68J50				
ILLINOIS FED. AID PROJECT				



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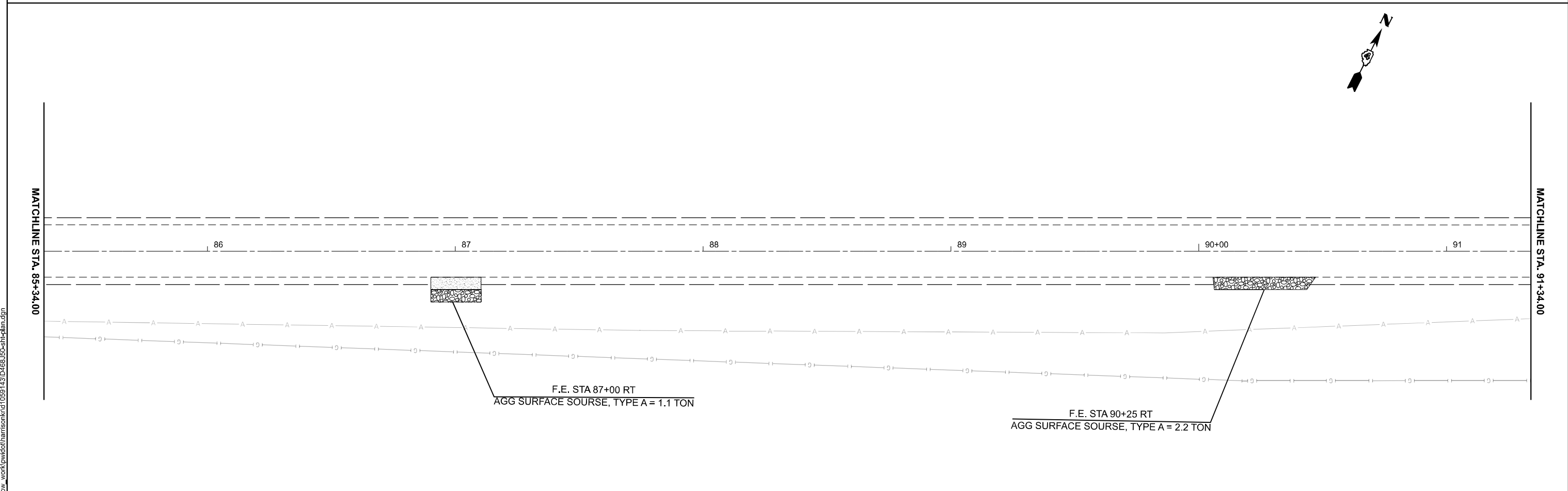
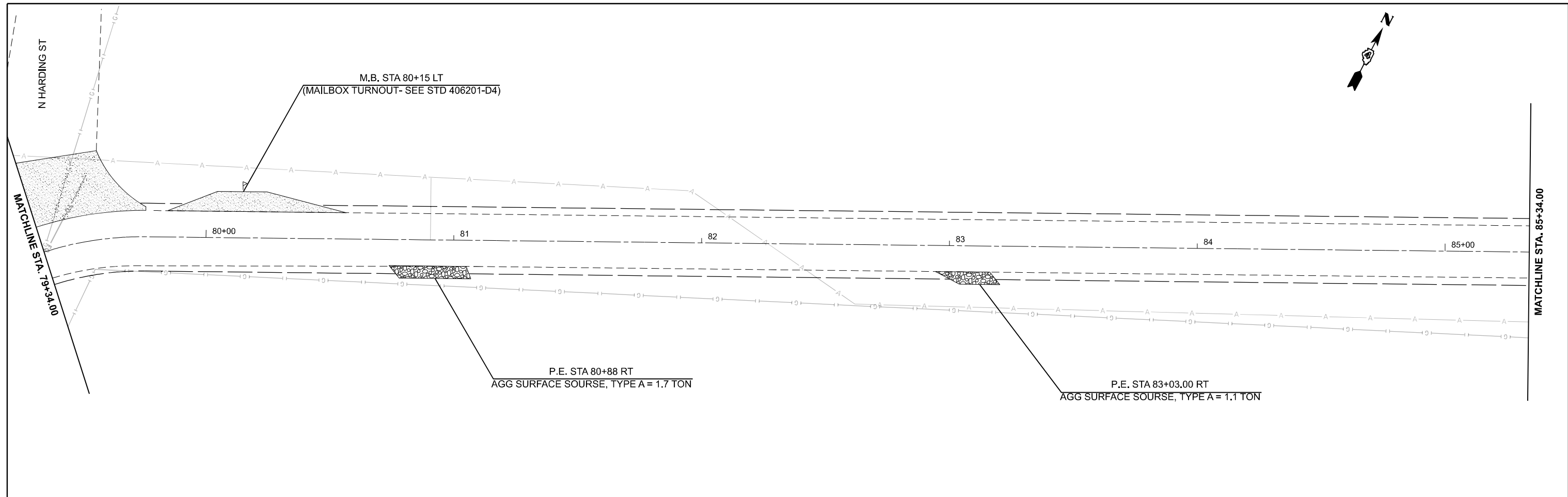
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/30/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN

SCALE: 1"=20' SHEET 6 OF 9 SHEETS STA. 67+34.00 TO STA. 79+34.00

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	16
CONTRACT NO. 68J50				
ILLINOIS FED. AID PROJECT				



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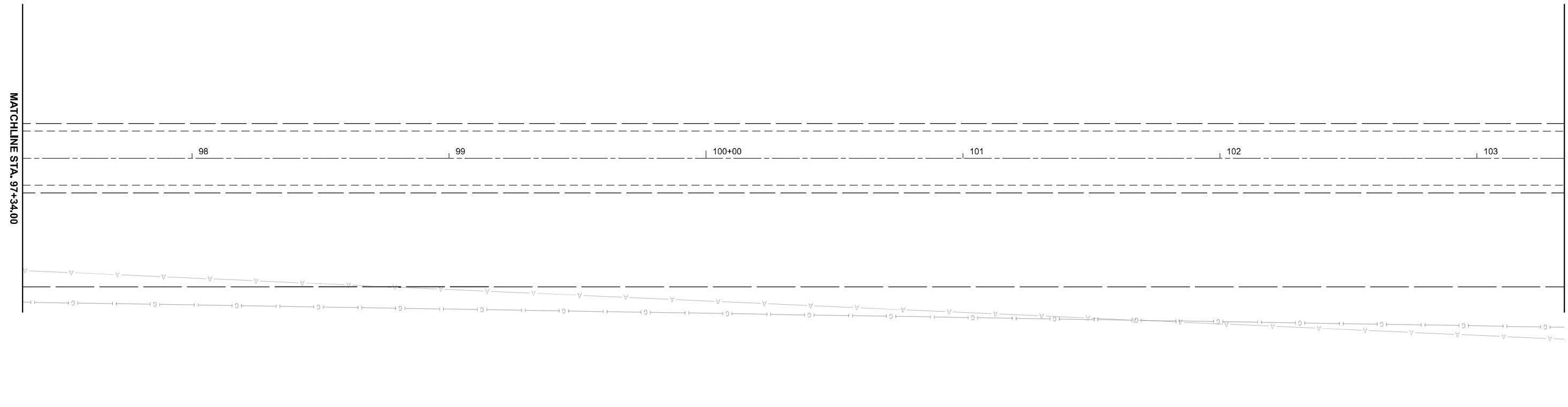
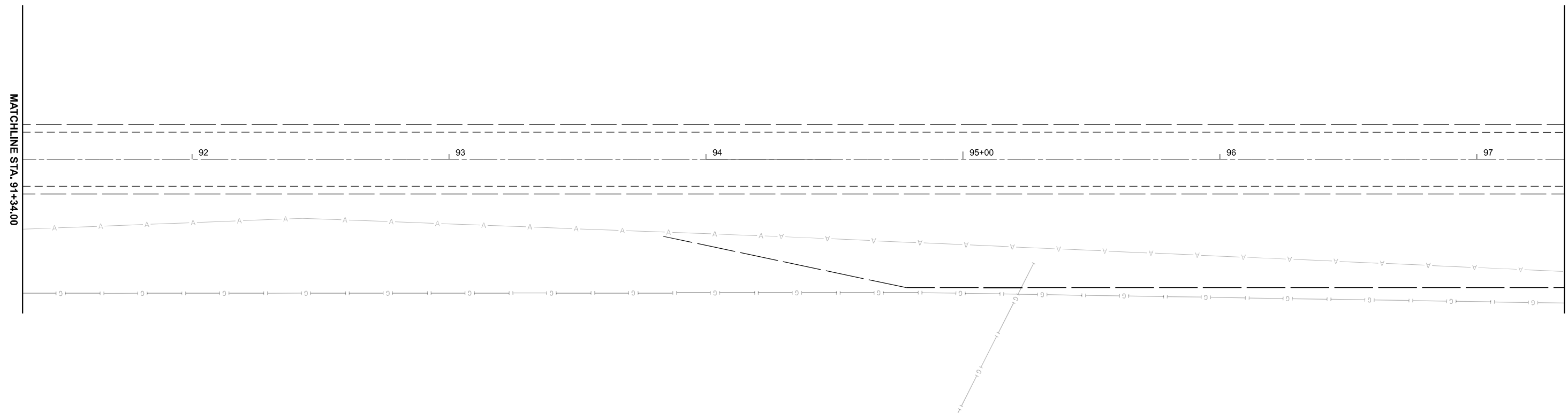
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/30/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN

SCALE: 1"=20' SHEET 7 OF 9 SHEETS STA. 79+34.00 TO STA. 91+34.00

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	17
CONTRACT NO. 68J50				
ILLINOIS FED. AID PROJECT				



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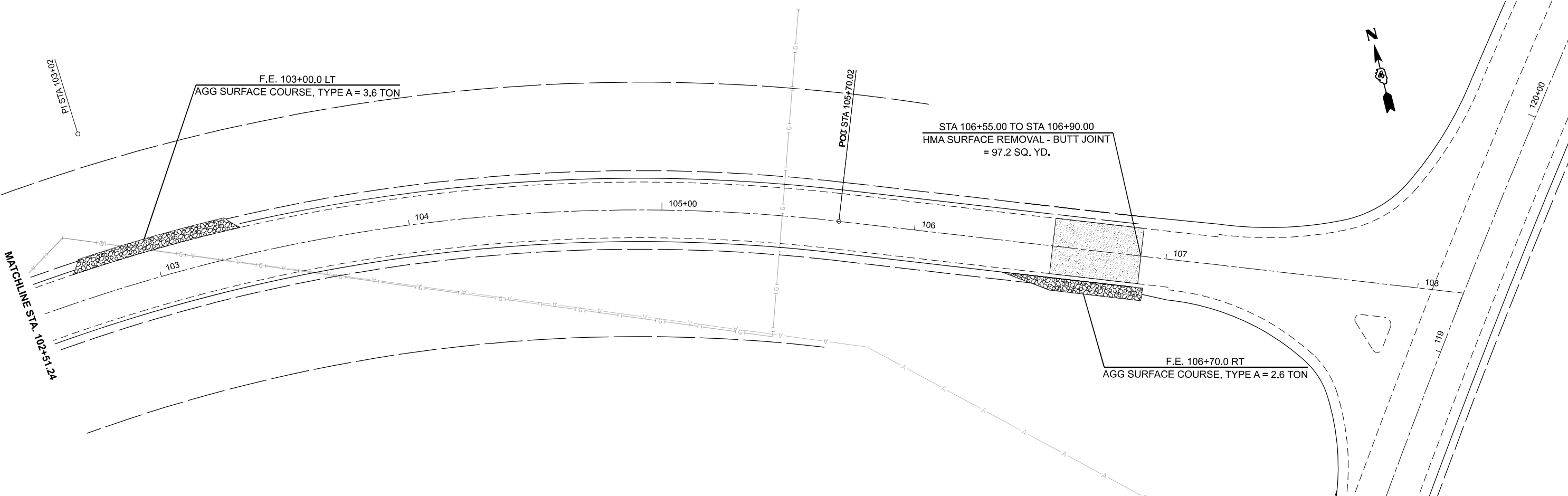
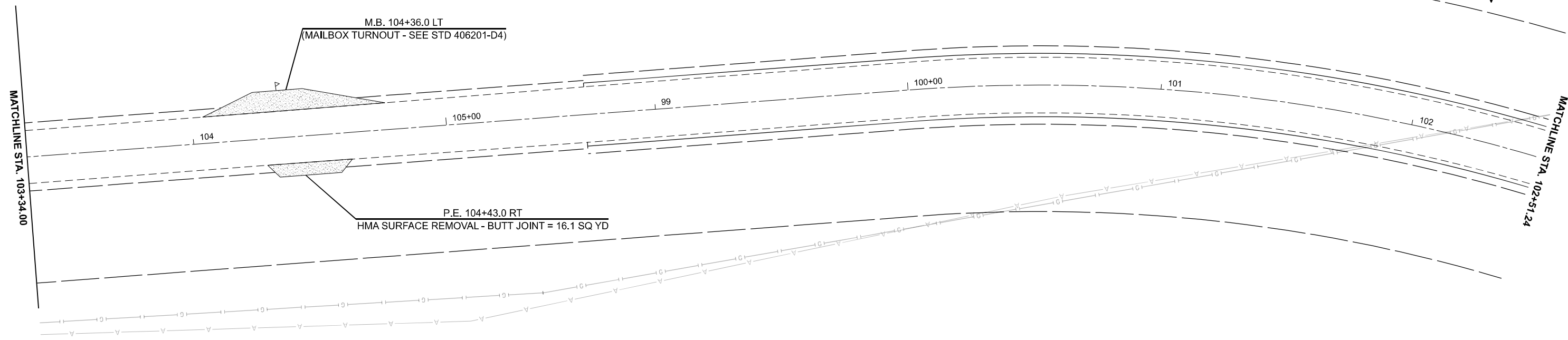
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	CHECKED -	REVISED -
PLOT DATE = 4/30/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: 1"=20' SHEET 8 OF 9 SHEETS STA. 91+34.00 TO STA. 103+34.00

S.B.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	18
CONTRACT NO. 68J50				
ILLINOIS FED. AID PROJECT				



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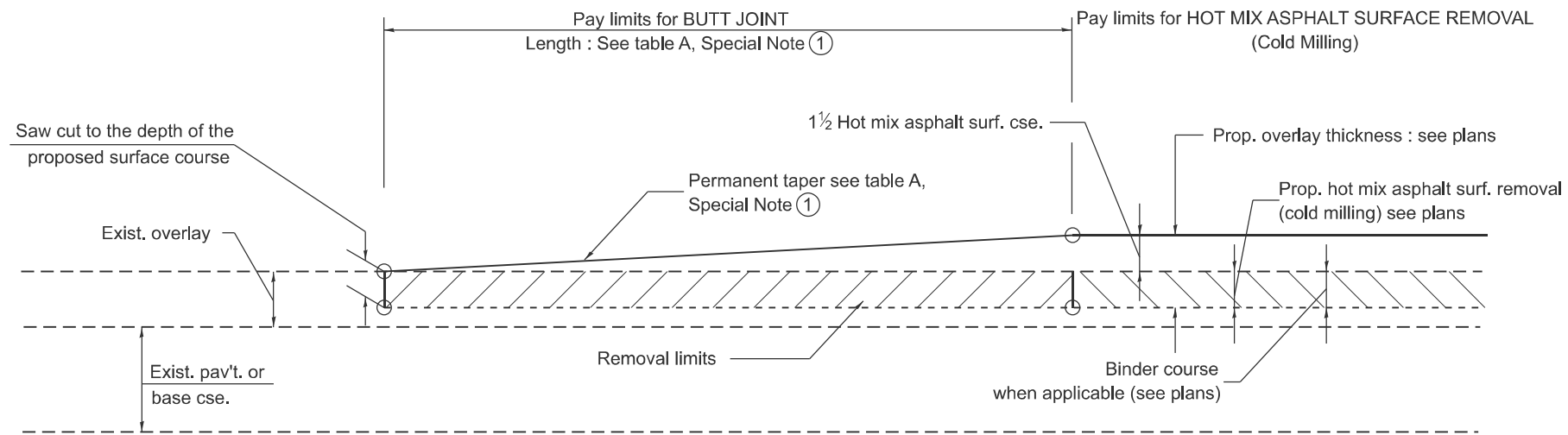
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PLOT DATE = 4/30/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: 1"=20' SHEET 9 OF 9 SHEETS STA. 103+34.00 TO STA. 102+51.24 R2

S.B.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	19
CONTRACT NO. 68J50				
ILLINOIS FED. AID PROJECT				



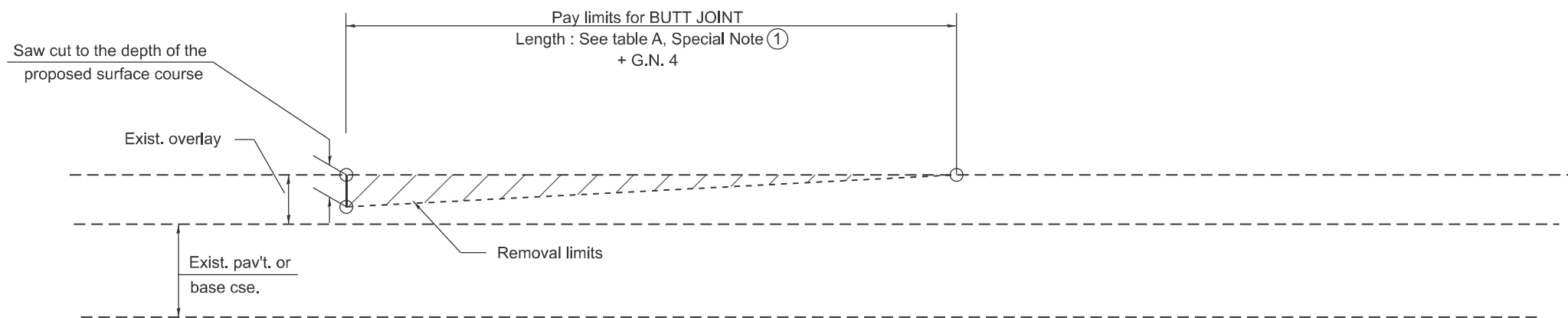
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

TABLE A
TAPER RATES

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	BUTT JOINT TAPER RATE	1:480	1:240
②	TEMPORARY RAMP TAPER RATE	1:80	1:40

GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.
5. Temporary ramps are paid for separately and not included in the cost of the butt joints.



CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

All dimensions are in inches unless otherwise noted.

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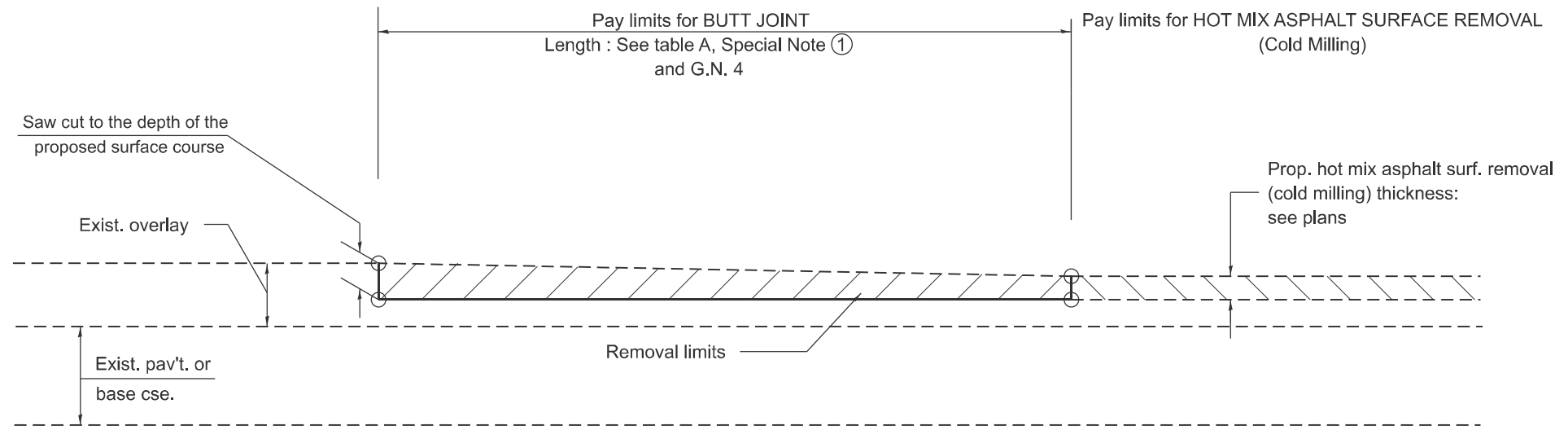
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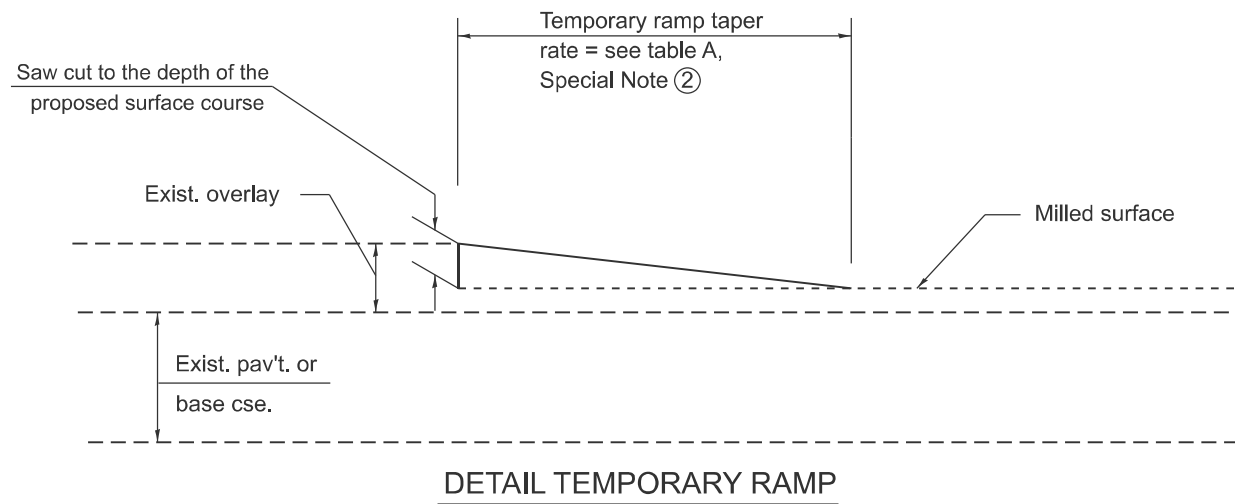
BUTT JOINTS

SCALE: NOT TO SCALE SHEET 1 OF 6 SHEETS STA. TO STA.

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	20
DISTRICT 4 STANDARD NO. 406101			CONTRACT NO. 68J50	
ILLINOIS FED. AID PROJECT				



**CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



DETAIL TEMPORARY RAMP

All dimensions are in inches unless otherwise noted.

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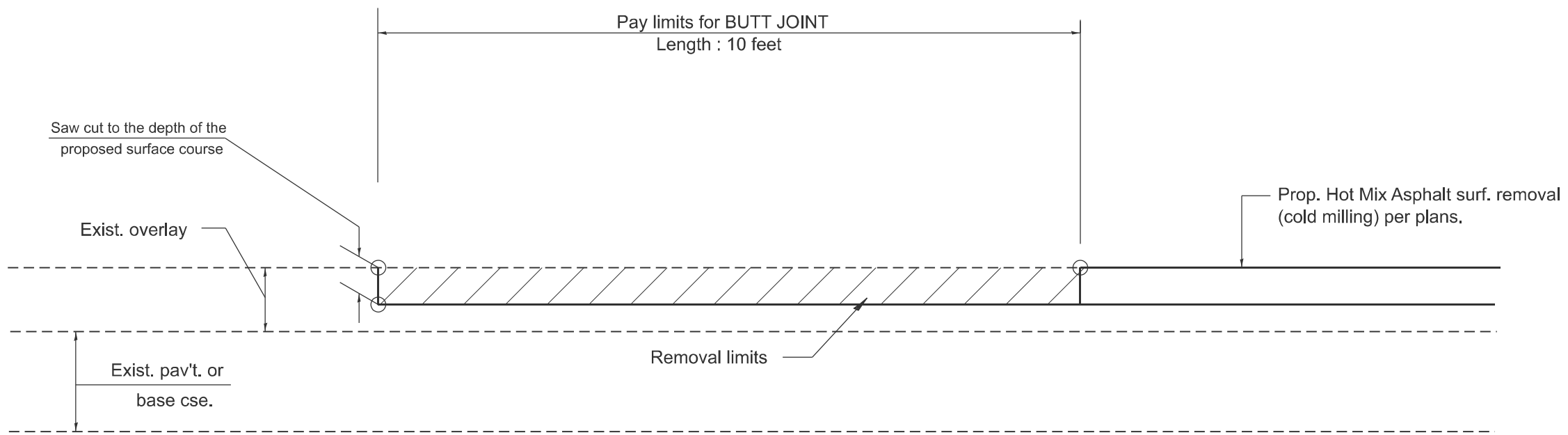
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PLOT DATE = 3/20/2026	DATE -	REVISED -

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BUTT JOINTS

SCALE: NOT TO SCALE SHEET 2 OF 6 SHEETS STA. TO STA.

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	21
DISTRICT 4 STANDARD NO. 406101			CONTRACT NO. 68J50	
ILLINOIS FED. AID PROJECT				



**CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**

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All dimensions are in inches unless otherwise noted.

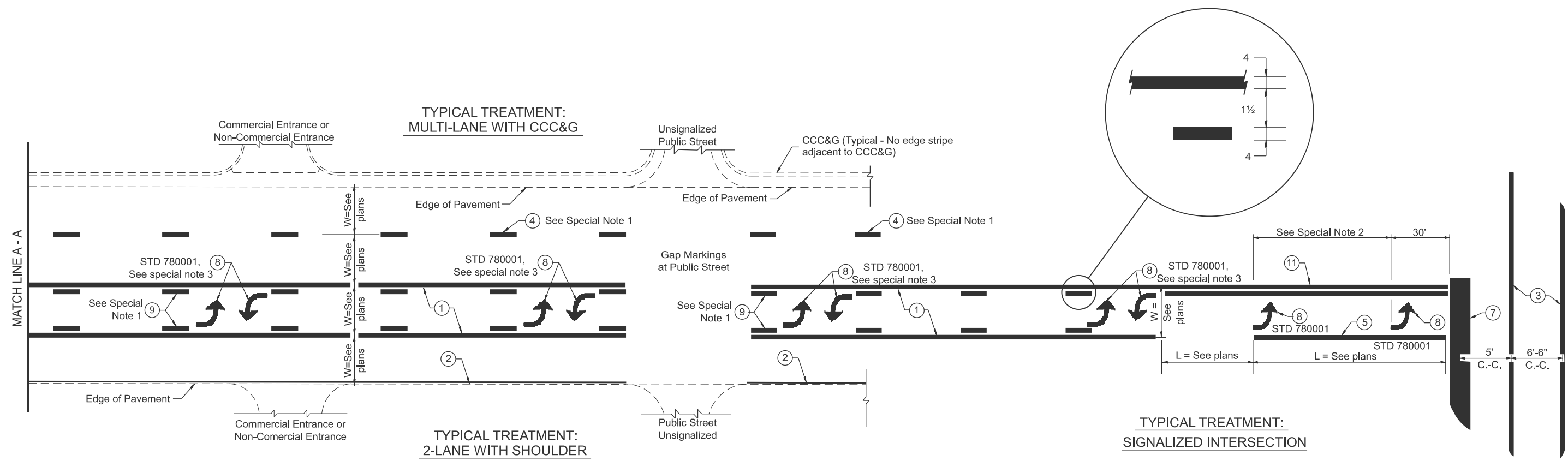
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PLOT DATE = 3/20/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINTS

SCALE: NOT TO SCALE SHEET 3 OF 6 SHEETS STA. TO STA.

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	22
DISTRICT 4 STANDARD NO. 406101			CONTRACT NO. 68J50	
ILLINOIS FED. AID PROJECT				



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4 Solid (Yellow)
- ② Urban 4 Solid (White)
Rural 6 Solid (White)
- ③ 2-6 Crosswalk @ 6'-6" min C.-C. + 24" Bars with 24" Gap (White)
2-8 Crosswalk @ 6'-6" min C.-C. (White) (When traffic signals are present.)
- ④ 6 Skip-Dash (White) (See Special Note 1)
- ⑤ 6 Solid (White)
- ⑥ 12 Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24 Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2, 3 & 5)
- ⑨ 4 Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12 Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4 Double Solid (Yellow) (See Table A)

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80'.
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200'.
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 16'.

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
4. Areas are grooved 1" beyond each edge for the following symbols:
 - Through Arrow= 14.8 sq. ft.
 - Large Left or Right Arrow= 21.9 sq. ft.
 - 2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
 - Wrong Way Arrow= 29.5 sq. ft.
 - Railroad Crossing Symbol= 69.8 sq. ft.
 - (For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)
5. Use Large size arrows for Urban and Rural applications.
6. Pavement markings should be grooved in except on bridge decks.

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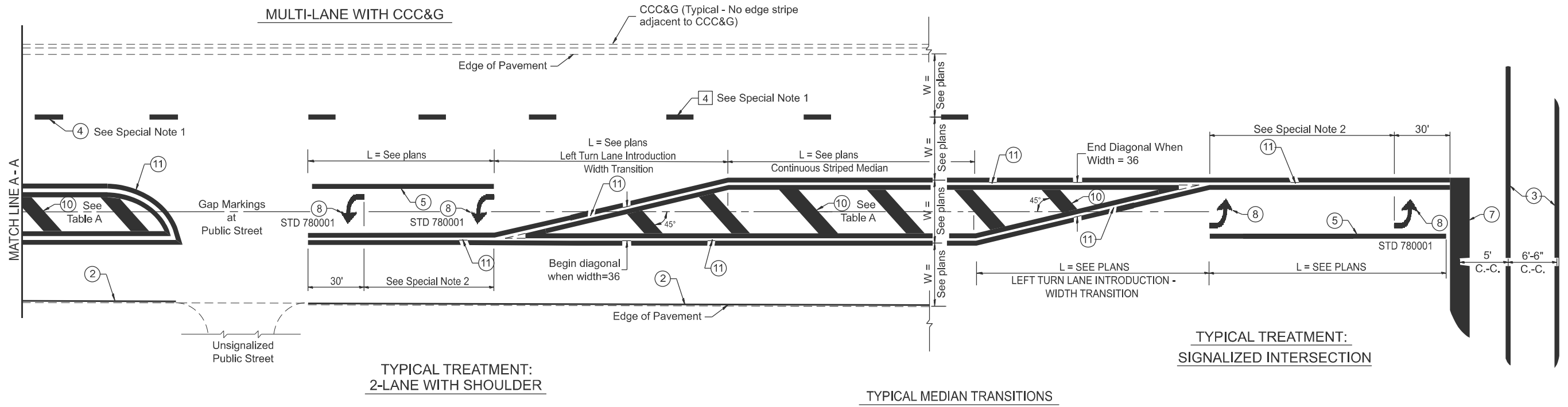
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DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS

SCALE: NOT TO SCALE SHEET 5 OF 6 SHEETS STA. TO STA.

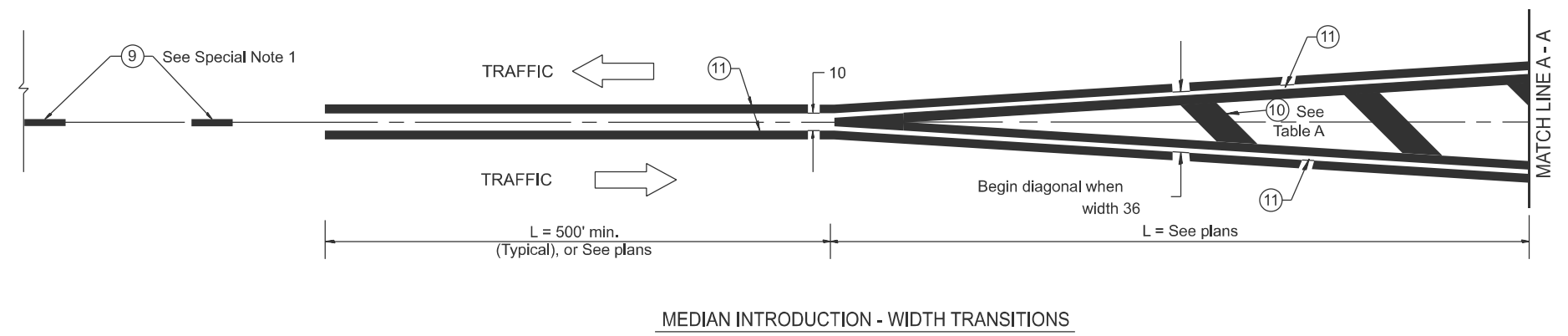
S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	24
DISTRICT 4 DETAIL NO. 780001			CONTRACT NO. 68J50	
ILLINOIS FED. AID PROJECT				



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph	50'	15'
30 - 45 mph	75'	20'
Over 45 mph	150'	30'



All dimensions are in inches unless otherwise noted.

MODEL: D4-780001-02
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS

SCALE: NOT TO SCALE SHEET 6 OF 6 SHEETS STA. TO STA.

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8	4RS-6	WARREN	25	25
DISTRICT 4 DETAIL NO. 780001			CONTRACT NO. 68J50	
ILLINOIS FED. AID PROJECT				