

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	22RS-2	KNOX	34	1
		ILLINOIS	CONTRACT NO. 68K23	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4-10 TYPICAL SECTIONS
- 11-13 SCHEDULES OF QUANTITIES
- 14-24 PLAN SHEETS
- 25-34 DETAILS

HIGHWAY STANDARDS

000001-09	406001-06	406101-05	420406	442201-04
482001-02	482011-03	642006-01	642011	701201-05
701301-04	701306-04	701311-03	701400-12	701401-13
701406-13	701411-09	701451-05	701901-11	780001-05
781001-04	701801-06			

DISTRICT STANDARDS

406101-D4	406402-D4	440101-D4	630101-D4	780001-D4
780002-D4				

PROPOSED HIGHWAY PLANS

FAP 313 & FAP 37 (US 34)
SECTION 22RS-2
PROJECT STP-SD8V (921)
PAVEMENT PRESERVATION (3P)
KNOX COUNTY

C-94-072-25

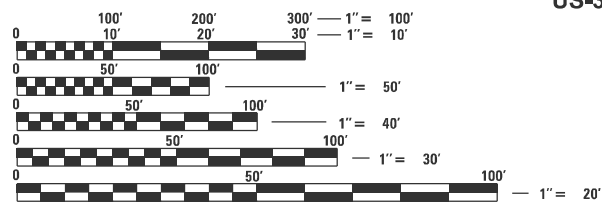
DESIGN DESIGNATION

US 34, FAP 0313 / FAP 0037 (MINOR ARTERIAL)

TRAFFIC DATA

2022 ADT

US-34	=	14,500 VEH
SU	=	575 VEH
MU	=	2,100 VEH
RAMPS	=	5,650 VEH

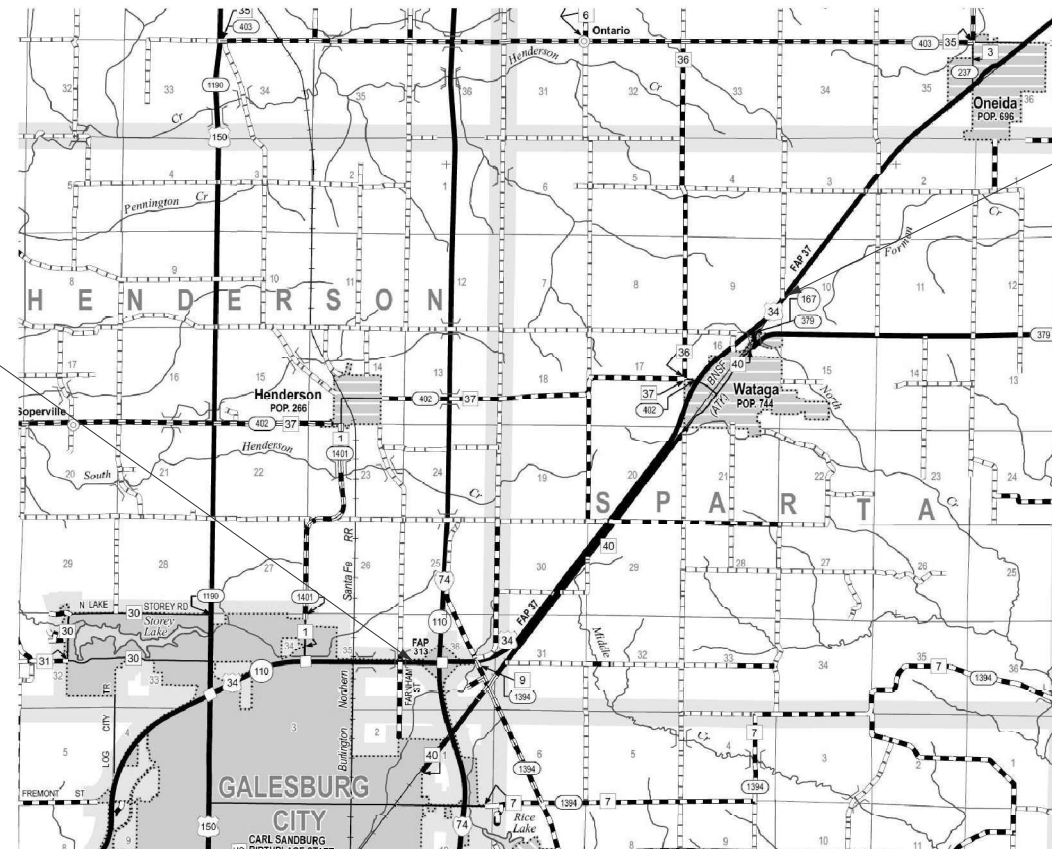


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: DAVID BROVIK, PE
PROJECT MANAGER: MICHAEL WITTKOP, PE

CONTRACT NO. 68K23

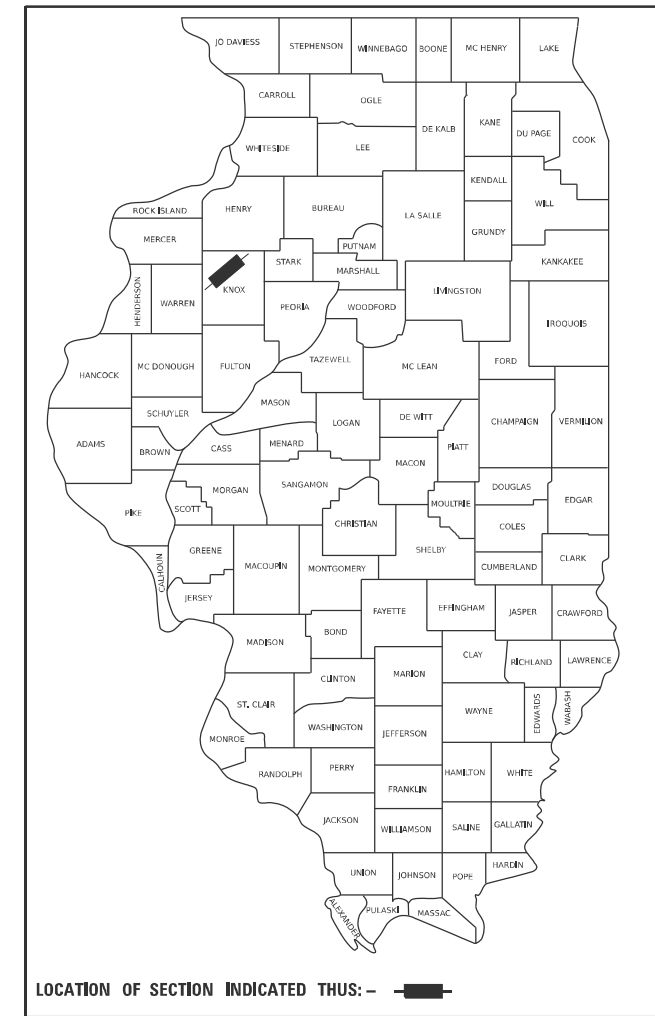


BEGIN PROJECT
STA. 606+97.00
US-34

END PROJECT
STA. 916+59.79
US-34

GROSS LENGTH = 30963FT. = 5.86 MILE
NET LENGTH = 30697 FT. = 5.81 MILE

D-94-058-25



LOCATION OF SECTION INDICATED THUS: ———

THE WORK ON THIS PROJECT CONSISTS OF MILLING AND RESURFACING AND ALL OTHER APPARENT COLLATERAL WORK AS SHOWN IN THE PLANS AND REQUIRED BY THE SPECIAL PROVISIONS



DATE SIGNED: 01/26/2026
LICENSE EXPIRES: 11/30/2026

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan. 29, 2026
Kensil A. Garnett
REGIONAL ENGINEER

March 20, 2026
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 20, 2026
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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

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.

107.09B TEMPORARY MATERIAL REQUIREMENTS - UTILITY AND DRIVEWAY CROSSINGS
 Incidental hot-mix asphalt surface shall be used for all temporary side road crossings. Aggregate surface course may be used for all driveway crossings except during winter shutdown in accordance with Article 107.09.

107.29 WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS
 Prior to winter shutdown 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.

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.

351.00 AGGREGATE SHOULDER, TYPE B

Aggregate (Description), Type B shall be required for all granular construction of side roads, entrances, and mailbox turnouts, whether or not portions of the surfaces thus constructed are to be covered with a bituminous surface, except where noted differently on the plans.

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

406.10 HOT-MIX ASPHALT MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location(s):	2 LANE SECTION		4 LANE SECTION		Shoulders	Shoulders	Patching	Patching	Incidental
	Mainline	Mainline	Mainline	Mainline					
Mixture Use(s):	Polymer Surface 1.75"	Polymer Level Binder 1"	Polymer Surface 2.0"	Polymer Binder 1.75"	Shoulder Surface Lift 1.25"	Shoulder Binder Lift 1.5"	Partial Depth Patching	Class D 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	PG 58-28	PG 58-28
Design Air Voids:	4.0% @ N=70	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	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 4.75	IL 9.5	IL 9.5	IL 9.5 FG	IL 9.5	IL 9.5	IL 19.0	IL 9.5
Friction Aggregate:	Mix D	N/A	Mix D	N.A.	Mix C	N/A	Mix C	N/A	Mix C
Quality Management Program:	PFP	PFP	PFP	PFP	QCQA	QCQA	QCQA	QCQA	QCQA
MTD:	Yes	YES	Yes	Yes	Yes	Yes	No	NC	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.

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.

503.00 CROSSING EXISTING STRUCTURES WITH EQUIPMENT
 The following structures, SN 048-0019, SN 048-0020, may be crossed with the empty MTD, with a maximum gross weight restriction of 40 tons.

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.

PROJECT SPECIFIC NOTES

TRANSITION MILL DEPTH

Transition between milling depths shall be measured and paid for as the deeper milling pay item.

TRANSITION MILL DEPTH

The existing centerline alignment provided in the plans was approximated using available aerial imagery. Road widths were verified in field.

There are a few concrete patches in the HMA shoulders that are being replaced in the 4-lane section. The patches are to be removed with the milling operation and considered included with the HMA surface removal.

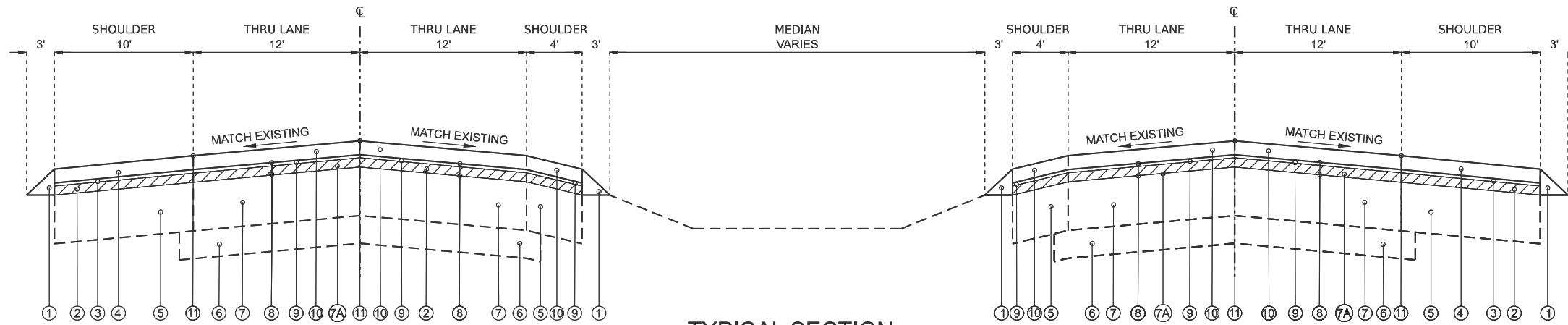
There are a few concrete patches in the HMA shoulders that are being replaced in the 4-lane section. The patches are to be removed with the milling operation and considered included with the HMA surface removal.

SUMMARY OF QUANTITIES					
CODE NO.	ITEM	UNIT	CONSTRUCTION CODE		TOTAL PROJECT QUANTITY
			100% STATE FUNDED	80% FEDERAL 20% STATE FUNDED	
			0005	0005	
			ROADWAY	ROADWAY	
4 LANE TOTAL	2 LANE TOTAL				
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	93996	167734	261730
40600405	MATERIAL TRANSFER DEVICE	TON	12976	19076	32052
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1585	249	1834
40600990	TEMPORARY RAMP	SQ YD	792	124	916
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	1098	4004	5102
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	0	2990	2990
40603205	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	5116	0	5116
40604000	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50	TON	915	5339	6254
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	5847	0	5847
40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	0	6744	6744
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	46	177	223
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	0	112579	112579
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	47367	0	47367
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	16378	0	16378
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1059	2147	3206
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2013	0	2013
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	0	6
63200310	GUARDRAIL REMOVAL	FOOT	2223	0	2223
64200214	SINUSOIDAL RUMBLE STRIPS, 14"	FOOT	10102	70257	80359
67100100	MOBILIZATION	L SUM	0.5	0.5	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	8	0	8
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	0	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	0	1	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0	1
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	0	1

SUMMARY OF QUANTITIES					
CODE NO.	ITEM	UNIT	CONSTRUCTION CODE		TOTAL PROJECT QUANTITY
			100% STATE	80% FEDERAL 20% STATE FUNDED	
			0005	0005	
			ROADWAY	ROADWAY	
4 LANE TOTAL	2 LANE TOTAL				
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	0	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	20369	27910	48279
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1345	1842	3187
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	96	0	96
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	16473	8064	24537
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	18997	46838	65835
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	4962	0	4962
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	306	919	1225
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	96	0	96
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	16473	8064	24537
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	18997	46838	65835
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	4962	0	4962
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	306	919	1225
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	96	0	96
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	16473	8064	24537
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	18997	46838	65835
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	4962	0	4962
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	306	919	1225
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	0	296	296
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	0	296	296
X4421000	PARTIAL DEPTH PATCHING	TON	599	276	875
X6350204	LINEAR DELINEATOR PANELS, 4 INCH	EACH	29	0	29
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	0.5	0.5	1
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	485	0	485
Ø Z0076600	TRAINEES	hour		2,500	2,500
Z0004542	HOT-MIX ASPHALT SURFACE REMOVAL – SPECIAL	SQ YD	1530	3903	5433
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	hour		2,500	2,500
Z0013798	CONSTRUCTION LAYOUT	L SUM	0.5	0.5	1

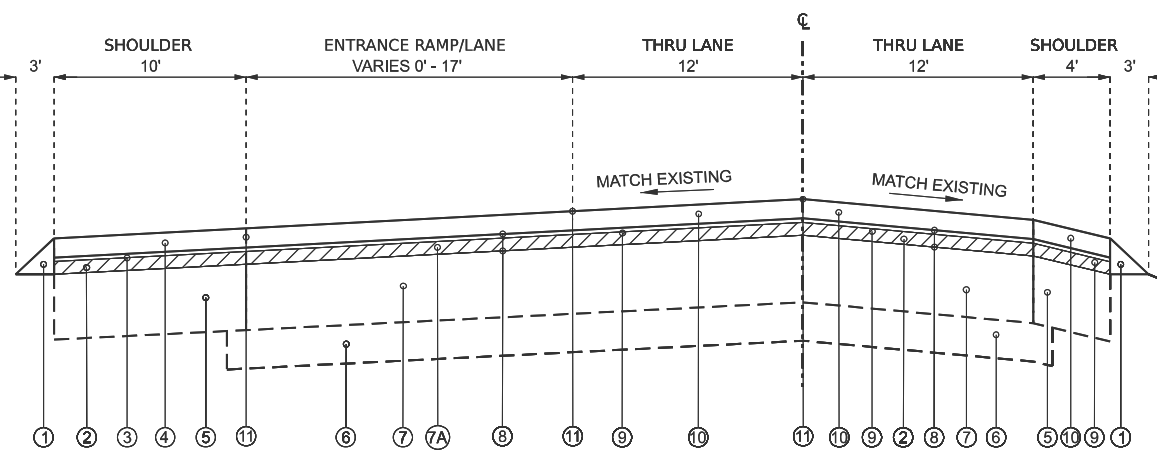
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DRAWN - DLH	REVISOR - DLH	REVISED -		SHEET 1	OF 1	SHEETS	STA.	TO STA.	22KS-2	KNOX	34	3
PLOT SCALE =	CHECKED - JLG	REVISED -								68K23		
PLOT DATE = 01-21-2026	DATE - 01-21-2026	REVISED -								ILLINOIS	FED. AID PROJECT	



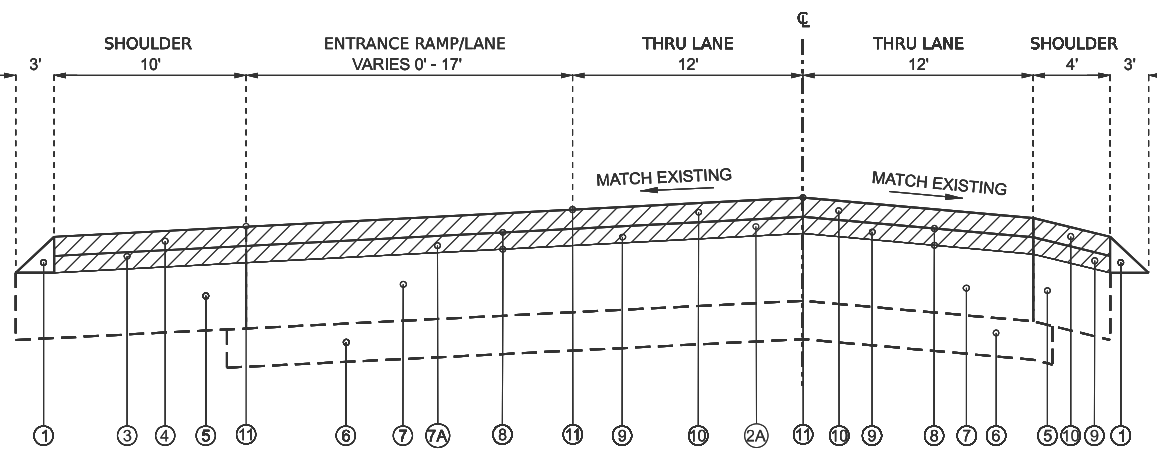
TYPICAL SECTION

4-LANE SECTION
STA 606+97 TO 609+77



TYPICAL SECTION

4-LANE SECTION
STA 609+77 TO 614+72



TYPICAL SECTION

4-LANE SECTION
STA 614+72 TO 616+47
STA 623+65 TO 624+69



- ① AGGREGATE WEDGE SHOULDERS, TYPE B
- ② HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
- ②A HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"
- ③ HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.25"
- ④ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50, 1.5"
- ⑤ EX. STABILIZED SHOULDER, 7"
- ⑥ EX. STABILIZED SUB-BASE, 4"
- ⑦ EX. PCC PAVEMENT, 8" - 9"
- ⑦A EX. BITUMINOUS OVERLAY, 2" - 3"
- ⑧ POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)
- ⑨ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.75"
- ⑩ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- ⑪ HMA SURFACE REMOVAL (SPECIAL) - JOINT TRIMMING
- ⑫ EX. PCC GUTTER/GORGE TO REMAIN

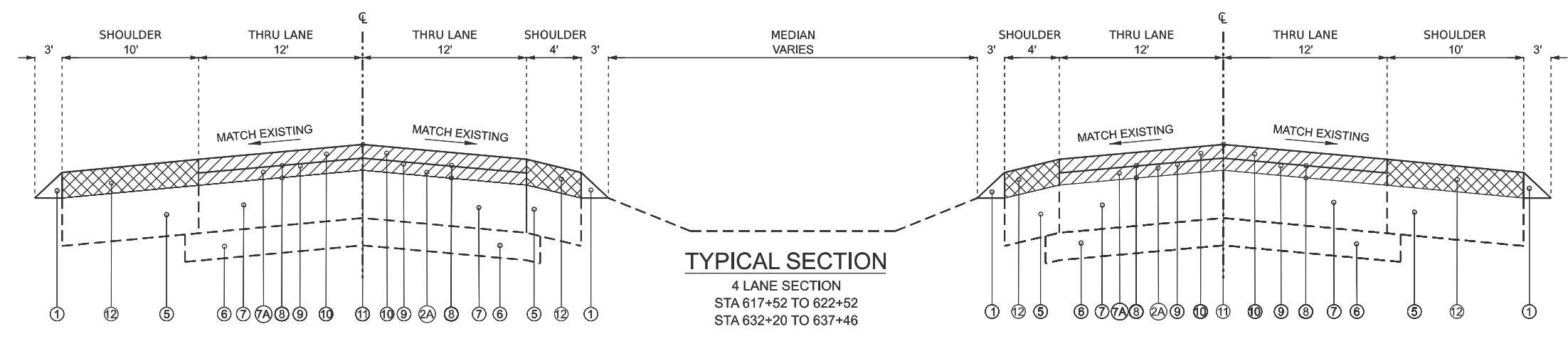
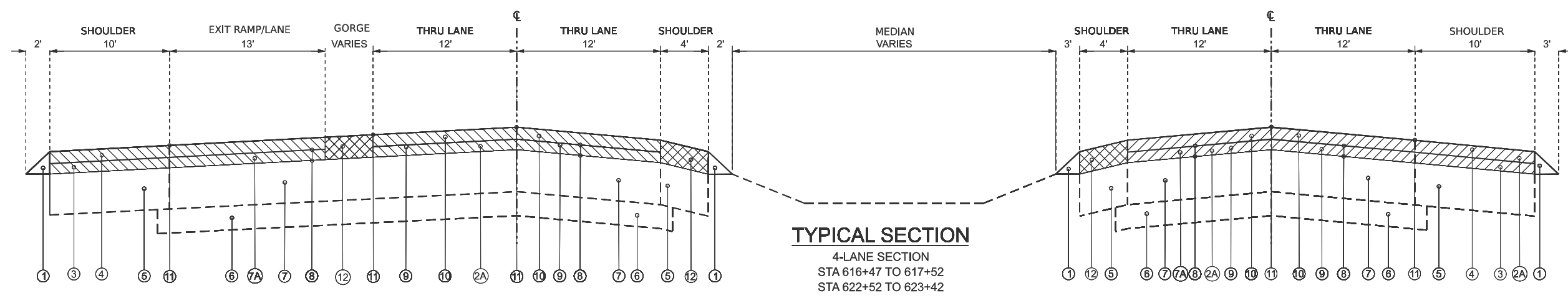
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	DRAWN - DLH	REVISED -
PLOT SCALE =	CHECKED - JLG	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

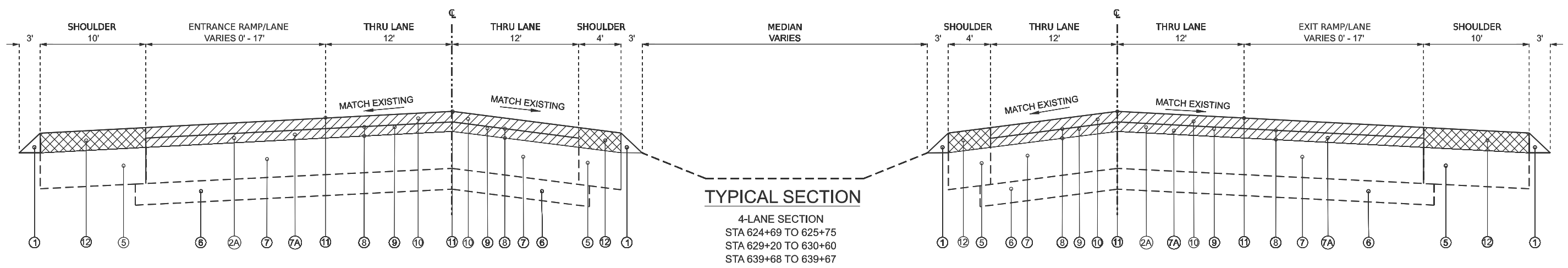
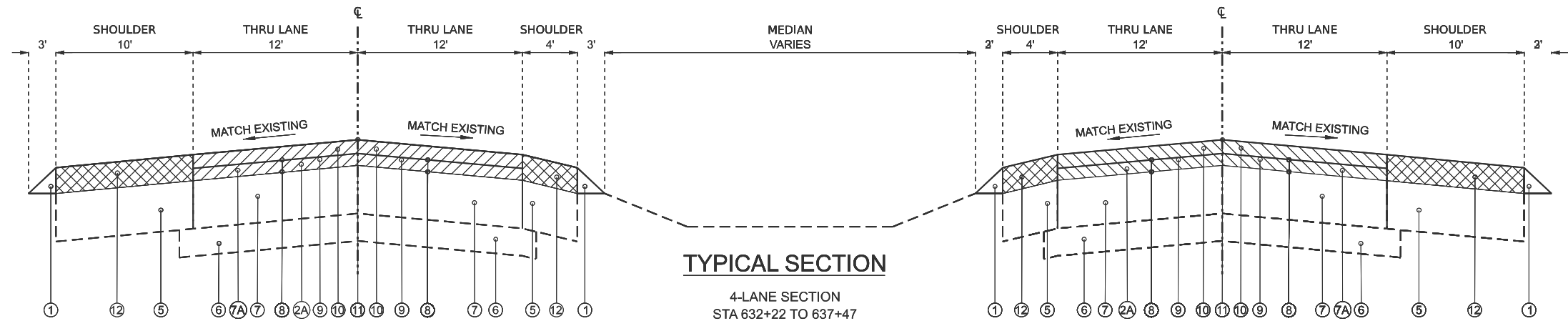
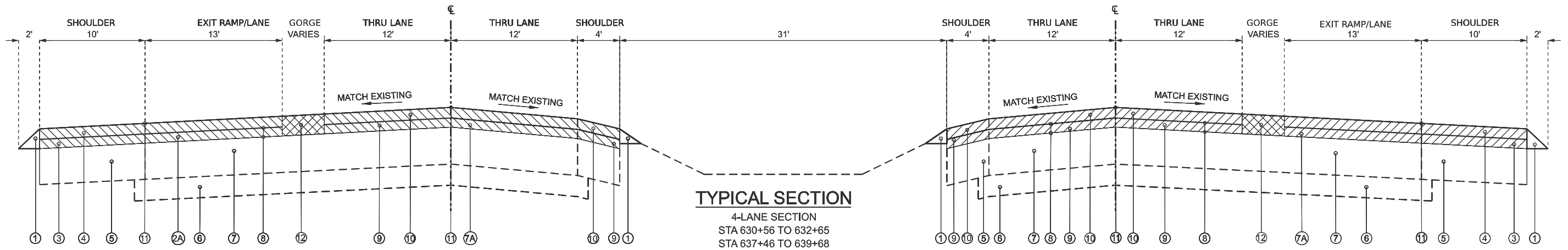
SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	22RS-2	KNOX	34	4
			CONTRACT NO. K6823	
ILLINOIS FED. AID PROJECT				



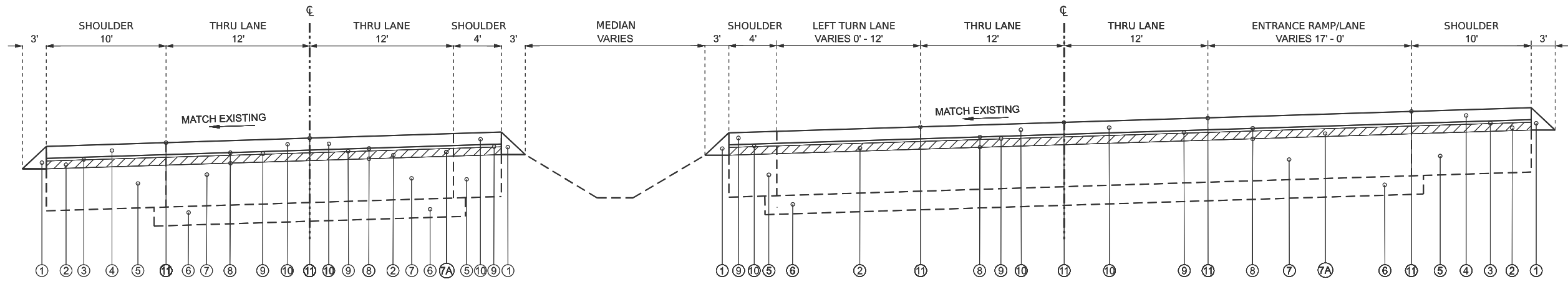
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- ⑤ EX. STABILIZED SHOULDER, 7"
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- ⑪ HMA SURFACE REMOVAL (SPECIAL) - JOINT TRIMMING
- ⑫ EX. PCC GUTTER/GORGE TO REMAIN

USER NAME = DHARPOLE	DESIGNED - DLH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE =	DRAWN - DLH	REVISED -				VAR.	22RS-2	KNOX	34	5
PLOT DATE = 01-21-2026	CHECKED - JLG	REVISED -		SHEET 2 OF 7 SHEETS STA. TO STA.		CONTRACT NO. 68K23				
	DATE - 01-21-2026	REVISED -		ILLINOIS FED. AID PROJECT						

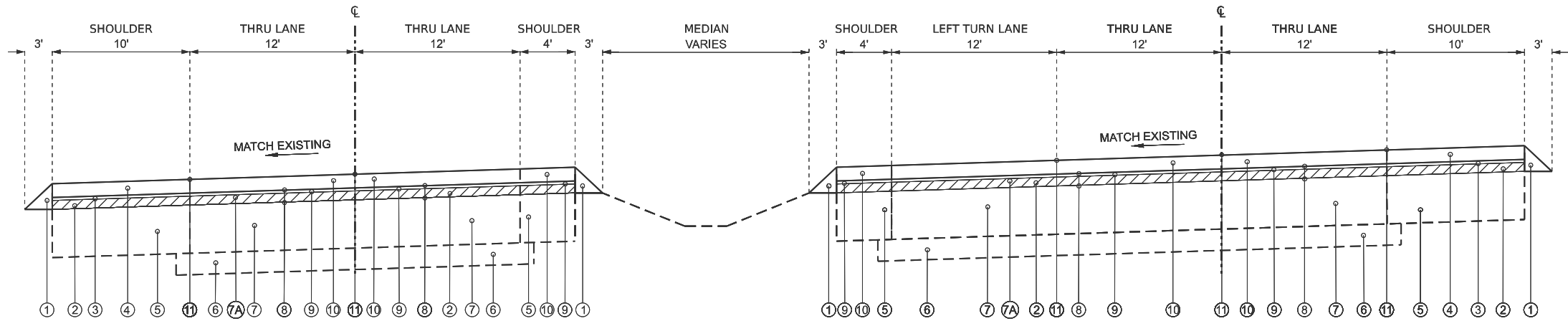


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USER NAME = DHARPOLE DESIGNED - DLH DRAWN - DLH PLOT SCALE = PLOT DATE = 01-21-2026	CHECKED - JLG DATE - 01-21-2026	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		TYPICAL SECTIONS		F.A.P. RTE. VAR.	SECTION 22RS-2	COUNTY KNOX	TOTAL SHEETS 34	SHEET NO. 6	CONTRACT NO. 68K23	ILLINOIS FED. AID PROJECT
SCALE:			SHEET 3	OF 7 SHEETS	STA.	TO STA.							



4 LANE SECTION
STA 641+97 TO 644+07



4 LANE SECTION
STA 644+07 TO 647+22



HMA REMOVAL

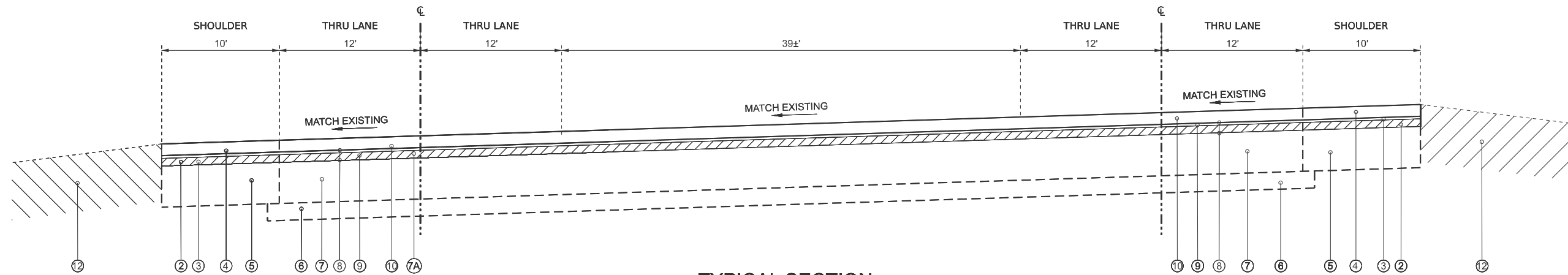
- ① AGGREGATE WEDGE SHOULDERS, TYPE B
- ② HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
- ③ HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50, 1.5"
- ④ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50, 1.25"
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USER NAME = DHARPOLE	DESIGNED - DLH	REVISED -
	DRAWN - DLH	REVISED -
PLOT SCALE =	CHECKED - JLG	REVISED -
PLOT DATE = 01-21-2026	DATE - 01-21-2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

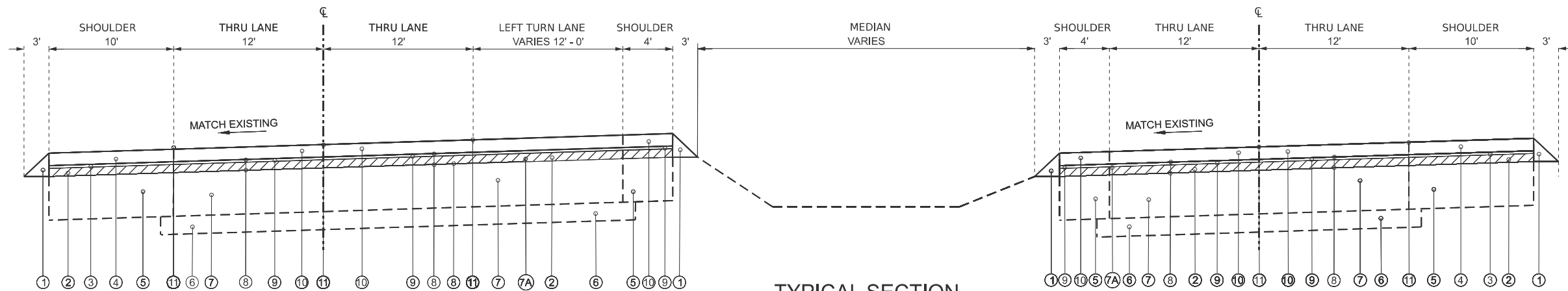
TYPICAL SECTIONS	
SCALE:	SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	22RS-2	KNOX	34	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68K23	



TYPICAL SECTION

4-LANE SECTION
STA 647+22 TO 648+09



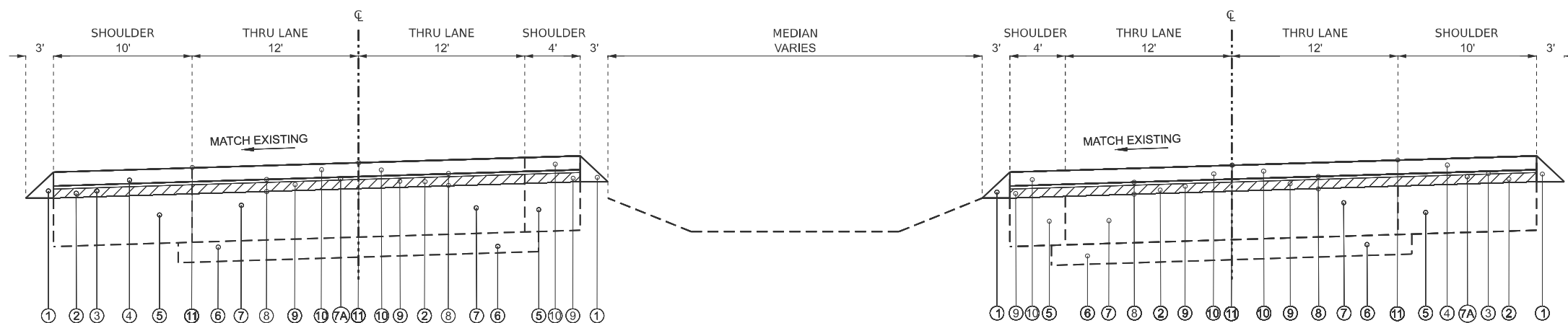
TYPICAL SECTION

4-LANE SECTION
STA 648+09 TO 654+10



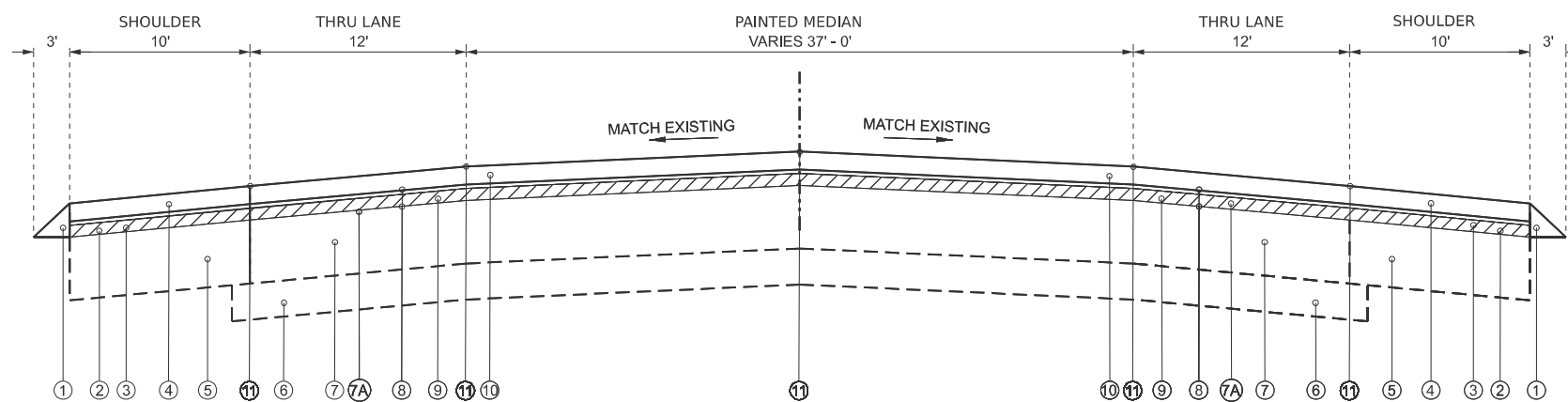
- ① AGGREGATE WEDGE SHOULDERS, TYPE B
- ② HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
- ③ HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5"
- ④ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50, 1.25"
- ⑤ EX. STABILIZED SHOULDER, 7"
- ⑥ EX. STABILIZED SUB-BASE, 4"
- ⑦ EX. PCC PAVEMENT, 8" - 9"
- ⑦A EX. BITUMINOUS OVERLAY, 2" - 3"
- ⑧ POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)
- ⑨ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.75"
- ⑩ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- ⑪ HMA SURFACE REMOVAL (SPECIAL) - JOINT TRIMMING
- ⑫ EX. HMA TO REMAIN

USER NAME = Dharpole	DESIGNED - DLH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE:	SHEET 5 OF 7 SHEETS	STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - DLH	REVISED -					VAR.	22RS-2	KNOX	34	8
	CHECKED - JLG	REVISED -					CONTRACT NO. K6823				
PLOT DATE = 01-21-2026	DATE - 01-21-2026	REVISED -					ILLINOIS FED. AID PROJECT				



TYPICAL SECTION

4-LANE SECTION
STA 654+10 TO 679+09



TYPICAL SECTION

4-LANE SECTION
STA 682+38 TO 685+62



- ① AGGREGATE WEDGE SHOULDERS, TYPE B
- ② HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
- ③ HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5"
- ④ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50, 1.25"
- ⑤ EX. STABILIZED SHOULDER, 7"
- ⑥ EX. STABILIZED SUB-BASE, 4"
- ⑦ EX. PCC PAVEMENT, 8" - 9"
- ⑦A EX. BITUMINOUS OVERLAY, 2" - 3"
- ⑧ POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)
- ⑨ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.75"
- ⑩ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- ⑪ HMA SURFACE REMOVAL (SPECIAL) - JOINT TRIMMING

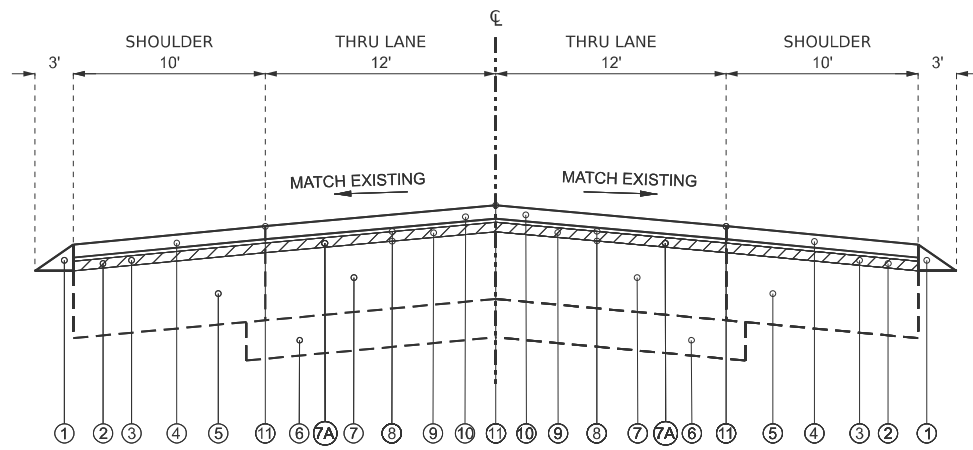
USER NAME = Dharpole	DESIGNED DLH	REVISED -
	DRAWN DLH	REVISED -
	CHECKED JLG	REVISED -
PLOT DATE = 01-21-2026	DATE 01-21-2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

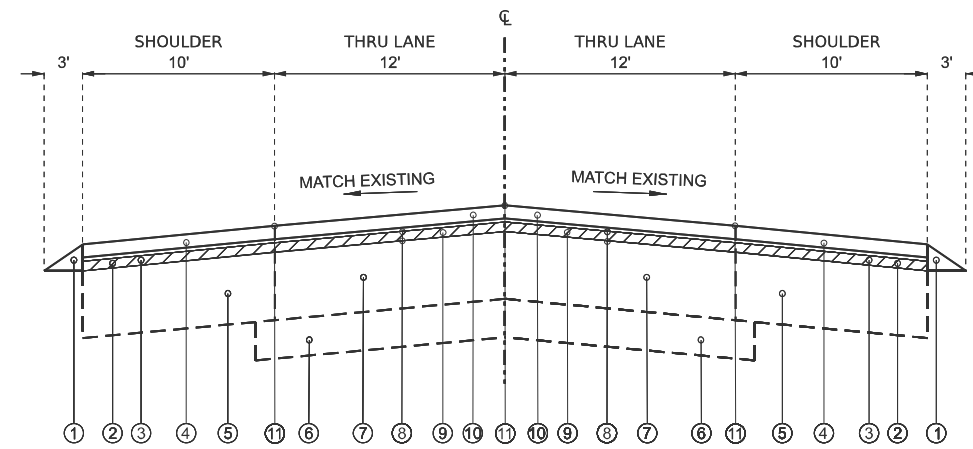
SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	22RS-2	KNOX	34	9
CONTRACT NO. 68K23				
ILLINOIS FED. AID PROJECT				



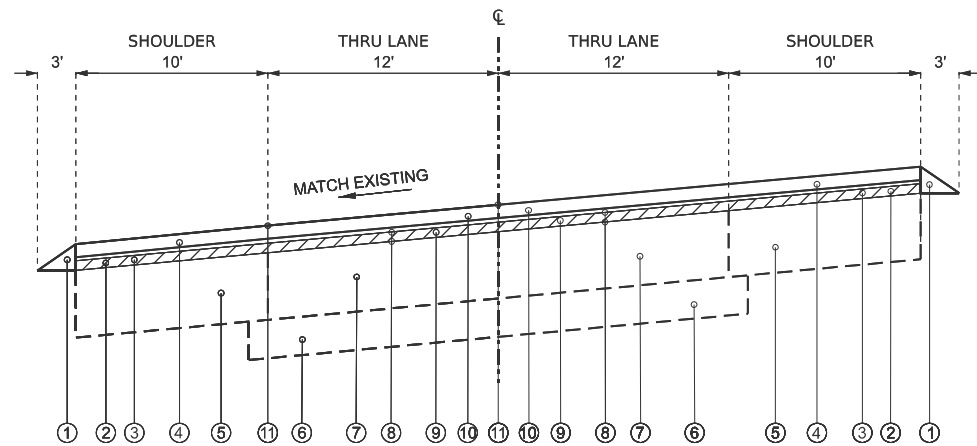
TYPICAL SECTION

2-LANE SECTION
STA 685+62 TO 896+87



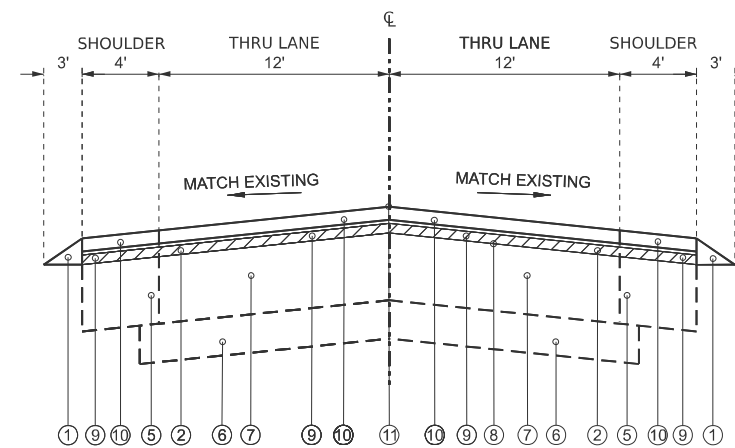
TYPICAL SECTION

2-LANE SECTION
STA 896+87 TO 897+87



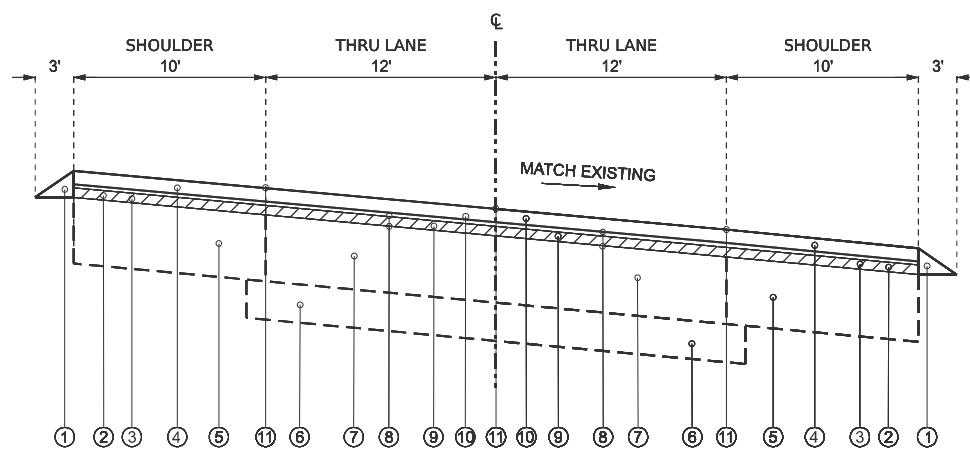
TYPICAL SECTION

2-LANE SECTION
STA 808+58



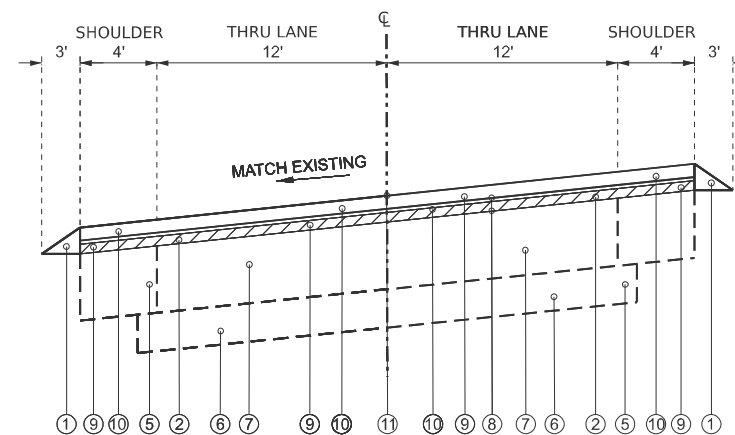
TYPICAL SECTION

2-LANE SECTION
STA 897+87 TO 916+60



TYPICAL SECTION

2-LANE SECTION
STA 852+98



TYPICAL SECTION

2-LANE SECTION
STA 904+21



HMA REMOVAL

- ① AGGREGATE WEDGE SHOULDERS, TYPE B
- ② HOT-MIX ASPHALT SURFACE REMOVAL, 1"
- ③ HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50, 1.5"
- ④ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50, 1.25"
- ⑤ EX. STABILIZED SHOULDER, 7"
- ⑥ EX. STABILIZED SUB-BASE, 4"
- ⑦ EX. PCC PAVEMENT, 7"
- ⑦A EX. BITUMINOUS OVERLAY
- ⑧ POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)
- ⑨ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1"
- ⑩ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.75"
- ⑪ HMA SURFACE REMOVAL (SPECIAL) - JOINT TRIMMING

USER NAME = Dharpole	DESIGNED - DLH	REVISED -
	DRAWN - DLH	REVISED -
	CHECKED - JLG	REVISED -
PLOT DATE = 01-21-2026	DATE - 01-21-2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	22RS-2	KNOX	34	10
CONTRACT NO. 68K23				
ILLINOIS FED. AID PROJECT				

4-LANE SECTION PAVEMENT SCHEDULE				POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL - SPECIAL	RAISED REFLECTIVE PAVEMENT MARKER	AGGREGATE WEDGE SHOULDER, TYPE B	SINUSOIDAL RUMBLE STRIPS, 14"
				POUND	TON	TON	TON	TON	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	EACH	TON	FOOT
EB	606+97.00	TO	611+11.00	2583.36	0.00	0.00	149.41	130.74	32.20	38.64	0.00	1748.00	0.00	46.00	0.00	37.95	414.00
EB	611+11.00	TO	614+46.00	2546.00	0.00	0.00	156.34	136.80	26.06	31.27	0.00	1730.84	0.00	37.23	0.00	30.71	335.00
EB	614+46.00	TO	614+72.00	232.96	0.00	0.00	14.89	13.03	2.03	2.43	0.00	158.89	0.00	2.89	0.00	2.39	26.00
EB	614+72.00	TO	616+42.00	1523.20	0.00	0.00	97.32	85.16	13.23	15.87	0.00	1038.89	0.00	18.89	0.00	15.59	170.00
EB	616+42.00	TO	623+44.00	2751.84	0.00	0.00	214.04	187.28	0.00	0.00	0.00	0.00	1872.00	39.00	0.00	32.18	0.00
EB	623+44.00	TO	624+69.00	1120.00	0.00	0.00	71.56	62.62	9.73	11.67	0.00	0.00	763.89	13.89	0.00	5.73	0.00
EB	624+69.00	TO	625+75.00	949.76	0.00	0.00	60.68	53.10	8.25	9.90	0.00	0.00	647.78	11.78	0.00	4.86	0.00
BRIDGE OMIS.	625+75.00	TO	629+20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EB	629+20.00	TO	630+65.00	1299.20	0.00	0.00	83.01	72.63	11.28	13.54	0.00	0.00	886.12	16.12	0.00	6.65	0.00
EB	630+65.00	TO	632+13.00	1326.08	0.00	0.00	84.73	74.14	11.52	13.82	0.00	0.00	904.45	16.45	0.00	6.79	0.00
EB	632+13.00	TO	637+45.00	2085.44	0.00	0.00	162.21	141.93	0.00	0.00	0.00	0.00	1418.67	29.56	0.00	24.39	0.00
EB	637+45.00	TO	638+91.00	1308.16	0.00	0.00	83.58	73.13	11.36	13.63	0.00	0.00	892.23	16.23	0.00	6.70	0.00
EB	638+91.00	TO	639+47.00	501.76	0.00	0.00	32.06	28.05	4.36	5.23	0.00	0.00	342.23	6.23	0.00	2.57	0.00
EB	639+47.00	TO	641+97.00	2240.00	0.00	0.00	143.12	125.23	19.45	23.34	0.00	0.00	1527.78	27.78	0.00	22.92	250.00
EB	641+97.00	TO	644+07.00	1814.40	0.00	0.00	114.99	100.62	16.34	19.60	0.00	1225.00	0.00	35.00	0.00	19.25	210.00
EB	644+07.00	TO	645+21.00	984.96	0.00	0.00	62.43	54.62	8.87	10.64	0.00	665.00	0.00	19.00	0.00	10.45	114.00
EB	645+21.00	TO	647+12.00	1573.84	0.00	0.00	98.65	86.32	14.86	17.83	0.00	1061.12	0.00	31.84	0.00	17.51	191.00
EB	647+12.00	TO	648+16.00	1464.32	0.00	0.00	113.90	99.66	0.00	0.00	0.00	1016.89	0.00	0.00	0.00	0.00	0.00
EB	648+16.00	TO	670+97.00	14233.44	0.00	0.00	823.19	720.29	177.42	212.90	0.00	9630.89	0.00	253.45	0.00	209.10	2281.00
EB	670+97.00	TO	682+41.00	7138.56	0.00	0.00	412.86	361.25	88.98	106.78	0.00	4830.23	0.00	127.12	0.00	104.87	1144.00
WB	606+97.00	TO	609+77.00	1747.20	0.00	0.00	101.05	88.42	21.78	26.14	0.00	1182.23	0.00	31.12	0.00	25.67	280.00
WB	609+77.00	TO	611+57.00	1368.00	0.00	0.00	84.00	73.50	14.00	16.80	0.00	930.00	0.00	20.00	0.00	16.50	180.00
WB	611+57.00	TO	614+72.00	2847.60	0.00	0.00	182.28	159.50	24.50	29.40	0.00	1925.00	0.00	52.50	0.00	28.88	315.00
WB	614+72.00	TO	617+52.00	2531.20	0.00	0.00	162.03	141.78	21.78	26.14	0.00	1711.12	0.00	46.67	0.00	12.84	0.00
WB	617+52.00	TO	622+52.00	1960.00	0.00	0.00	152.45	133.39	0.00	0.00	0.00	0.00	1333.34	27.78	0.00	0.00	0.00
WB	622+52.00	TO	623+66.00	948.48	0.00	0.00	59.59	52.14	8.87	10.64	0.00	0.00	646.00	12.67	0.00	5.23	0.00
WB	623+66.00	TO	625+75.00	1872.64	0.00	0.00	119.65	104.69	16.26	19.51	0.00	0.00	1277.23	23.23	0.00	9.58	0.00
BRIDGE OMIS.	625+75.00	TO	629+20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WB	629+20.00	TO	630+57.00	1150.80	0.00	0.00	72.46	63.41	10.66	12.79	0.00	0.00	776.34	22.84	0.00	6.28	0.00
WB	630+57.00	TO	631+57.00	824.00	0.00	0.00	51.65	45.19	7.78	9.34	0.00	0.00	566.67	5.56	0.00	4.59	0.00
WB	631+57.00	TO	638+51.00	2720.48	0.00	0.00	211.60	185.15	0.00	0.00	0.00	0.00	1850.67	38.56	0.00	0.00	0.00
WB	638+51.00	TO	639+47.00	798.72	0.00	0.00	50.18	43.91	7.47	8.96	0.00	0.00	544.00	10.67	0.00	0.00	0.00
WB	639+47.00	TO	639+68.00	188.16	0.00	0.00	12.03	10.52	1.64	1.96	0.00	0.00	128.34	2.34	0.00	1.93	21.00
WB	639+68.00	TO	641+97.00	1740.40	0.00	0.00	106.87	93.51	17.82	21.38	0.00	1183.17	0.00	25.45	0.00	21.00	229.00
WB	641+97.00	TO	647+12.00	3213.60	0.00	0.00	185.86	162.63	40.06	48.07	0.00	2174.45	0.00	57.23	0.00	47.21	515.00
WB	647+12.00	TO	648+14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.68	0.00
WB	648+14.00	TO	652+47.00	3567.92	0.00	0.00	223.63	195.67	33.68	40.42	0.00	2405.56	0.00	72.17	0.00	39.70	433.00
WB	652+47.00	TO	654+10.00	1173.60	0.00	0.00	71.00	62.13	12.68	15.22	0.00	796.89	0.00	18.12	0.00	14.95	163.00
WB	654+10.00	TO	682+41.00	17665.44	0.00	0.00	1021.68	893.97	220.19	264.23	0.00	11953.12	0.00	314.56	0.00	259.51	2831.00
TOTAL=				93995.52	0.00	0.00	5846.98	5116.11	915.11	1098.09	0.00	47367.29	16377.74	1529.93	0.00	1059.16	10102.00

2-LANE SECTION PAVEMENT SCHEDULE				POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL - SPECIAL	RAISED REFLECTIVE PAVEMENT MARKER	AGGREGATE WEDGE SHOULDER, TYPE B	SINUSOIDAL RUMBLE STRIPS, 14"
				POUND	TON	TON	TON	TON	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	EACH	TON	FOOT
2 WAY	682+41.00	TO	685+65.00	3291.84	153.47	43.35	0.00	0.00	80.64	60.48	2232.00	0.00	0.00	54.00	5.00	29.70	972.00
2 WAY	685+65.00	TO	691+33.00	4135.04	157.72	75.99	0.00	0.00	141.37	106.03	2776.89	0.00	0.00	94.67	8.00	52.07	1704.00
2 WAY	691+33.00	TO	896+91.00	149662.24	5708.28	2750.21	0.00	0.00	5116.66	3837.50	100505.78	0.00	0.00	3426.34	257.00	1884.49	61674.00
2 WAY	896+91.00	TO	897+86.00	600.40	40.87	9.17	0.00	0.00	0.00	0.00	401.12	0.00	0.00	15.84	2.00	8.71	285.00
2 WAY	897+86.00	TO	916+60.00	10044.64	683.60	110.78	0.00	0.00	0.00	0.00	6663.12	0.00	0.00	312.34	24.00	171.79	5622.00
TOTAL=				167734.16	6743.94	2989.50	0.00	0.00	5338.67	4004.01	112578.91	0.00	0.00	3903.19	296.00	2146.76	70257.00

4-LANE SECTION PAVEMENT MARKING SCHEDULE	STATION			SECTION LENGTH	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
				FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	SQ FT	EACH	EACH
EB	606+97.00	TO	611+11.00	414.00	414.00	517.50	0.00	0.00	0.00	414.00	517.50	0.00	0.00	0.00	465.75	30.74	0.00	0.00
EB	611+11.00	TO	614+46.00	335.00	335.00	502.50	0.00	0.00	0.00	335.00	502.50	0.00	0.00	0.00	418.75	27.64	0.00	0.00
EB	614+46.00	TO	614+72.00	26.00	26.00	32.50	52.00	0.00	0.00	26.00	32.50	52.00	0.00	0.00	55.25	3.65	0.00	0.00
EB	614+72.00	TO	616+42.00	170.00	170.00	212.50	340.00	0.00	0.00	170.00	212.50	340.00	0.00	0.00	361.25	23.85	0.00	0.00
EB	616+42.00	TO	623+44.00	702.00	702.00	877.50	0.00	0.00	0.00	702.00	877.50	0.00	0.00	0.00	789.75	52.13	0.00	0.00
EB	623+44.00	TO	624+69.00	125.00	125.00	156.25	250.00	0.00	0.00	125.00	156.25	250.00	0.00	0.00	265.63	17.54	0.00	0.00
EB	624+69.00	TO	625+75.00	106.00	106.00	159.00	0.00	0.00	0.00	106.00	159.00	0.00	0.00	0.00	132.50	8.75	0.00	0.00
BRIDGE OMIS.	625+75.00	TO	629+20.00	345.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EB	629+20.00	TO	630+65.00	145.00	145.00	217.50	0.00	0.00	0.00	145.00	217.50	0.00	0.00	0.00	181.25	11.97	0.00	0.00
EB	630+65.00	TO	632+13.00	148.00	148.00	185.00	296.00	0.00	0.00	148.00	185.00	296.00	0.00	0.00	314.50	20.76	0.00	0.00
EB	632+13.00	TO	637+45.00	532.00	532.00	665.00	0.00	0.00	0.00	532.00	665.00	0.00	0.00	0.00	598.50	39.51	0.00	0.00
EB	637+45.00	TO	638+91.00	146.00	146.00	182.50	292.00	0.00	0.00	146.00	182.50	292.00	0.00	0.00	310.25	20.48	0.00	0.00
EB	638+91.00	TO	639+47.00	56.00	56.00	84.00	0.00	0.00	0.00	56.00	84.00	0.00	0.00	0.00	70.00	4.62	0.00	0.00
EB	639+47.00	TO	641+97.00	250.00	250.00	375.00	0.00	0.00	0.00	250.00	375.00	0.00	0.00	0.00	312.50	20.63	0.00	0.00
EB	641+97.00	TO	644+07.00	210.00	210.00	367.50	0.00	0.00	0.00	210.00	367.50	0.00	0.00	0.00	288.75	19.06	0.00	0.00
EB	644+07.00	TO	645+21.00	114.00	114.00	142.50	114.00	0.00	16.00	114.00	142.50	114.00	0.00	16.00	185.25	12.23	0.00	0.00
EB	645+21.00	TO	647+12.00	191.00	191.00	238.75	191.00	0.00	32.00	191.00	238.75	191.00	0.00	32.00	310.38	20.49	0.00	0.00
EB	647+12.00	TO	648+16.00	104.00	0.00	26.00	0.00	0.00	0.00	0.00	26.00	0.00	0.00	0.00	13.00	0.86	0.00	0.00
EB	648+16.00	TO	670+97.00	2281.00	2281.00	2851.25	0.00	0.00	0.00	2281.00	2851.25	0.00	0.00	0.00	2566.13	169.37	0.00	0.00
EB	670+97.00	TO	682+41.00	1144.00	3432.00	1144.00	0.00	0.00	0.00	3432.00	1144.00	0.00	0.00	0.00	2286.00	151.01	0.00	0.00
WB	606+97.00	TO	609+77.00	280.00	280.00	350.00	0.00	0.00	0.00	280.00	350.00	0.00	0.00	0.00	315.00	20.79	0.00	0.00
WB	609+77.00	TO	611+57.00	180.00	180.00	270.00	0.00	0.00	0.00	180.00	270.00	0.00	0.00	0.00	225.00	14.85	0.00	0.00
WB	611+57.00	TO	614+72.00	315.00	315.00	472.50	0.00	0.00	0.00	315.00	472.50	0.00	0.00	0.00	393.75	25.99	0.00	0.00
WB	614+72.00	TO	617+52.00	280.00	280.00	420.00	0.00	0.00	0.00	280.00	420.00	0.00	0.00	0.00	350.00	23.10	0.00	0.00
WB	617+52.00	TO	622+52.00	500.00	500.00	625.00	1000.00	0.00	0.00	500.00	625.00	1000.00	0.00	0.00	1062.50	70.13	0.00	0.00
WB	622+52.00	TO	623+66.00	114.00	114.00	142.50	0.00	0.00	0.00	114.00	142.50	0.00	0.00	0.00	128.25	8.47	0.00	0.00
WB	623+66.00	TO	625+75.00	209.00	209.00	261.25	418.00	0.00	0.00	209.00	261.25	418.00	0.00	0.00	444.13	29.32	0.00	0.00
BRIDGE OMIS.	625+75.00	TO	629+20.00	345.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WB	629+20.00	TO	630+57.00	137.00	137.00	205.50	0.00	0.00	0.00	137.00	205.50	0.00	0.00	0.00	171.25	11.31	0.00	0.00
WB	630+57.00	TO	631+57.00	100.00	100.00	150.00	0.00	0.00	0.00	100.00	150.00	0.00	0.00	0.00	125.00	8.25	0.00	0.00
WB	631+57.00	TO	638+51.00	694.00	694.00	867.50	1388.00	0.00	0.00	694.00	867.50	1388.00	0.00	0.00	1474.75	97.34	0.00	0.00
WB	638+51.00	TO	639+47.00	96.00	96.00	120.00	0.00	0.00	0.00	96.00	120.00	0.00	0.00	0.00	108.00	7.13	0.00	0.00
WB	639+47.00	TO	639+68.00	21.00	21.00	26.25	0.00	0.00	0.00	21.00	26.25	0.00	0.00	0.00	23.63	1.56	0.00	0.00
WB	639+68.00	TO	641+97.00	229.00	229.00	286.25	458.00	0.00	0.00	229.00	286.25	458.00	0.00	0.00	486.63	32.12	0.00	0.00
WB	641+97.00	TO	647+12.00	515.00	515.00	772.50	0.00	0.00	0.00	515.00	772.50	0.00	0.00	0.00	643.75	42.49	0.00	0.00
WB	647+12.00	TO	648+14.00	102.00	102.00	127.50	0.00	0.00	0.00	102.00	127.50	0.00	0.00	0.00	114.75	7.58	0.00	0.00
WB	648+14.00	TO	652+47.00	433.00	0.00	108.25	0.00	0.00	0.00	0.00	108.25	0.00	0.00	0.00	54.13	3.58	0.00	0.00
WB	652+47.00	TO	654+10.00	163.00	163.00	203.75	163.00	0.00	48.00	163.00	203.75	163.00	0.00	48.00	264.88	17.49	0.00	0.00
WB	654+10.00	TO	682+41.00	2831.00	2831.00	4246.50	0.00	0.00	0.00	2831.00	4246.50	0.00	0.00	0.00	3536.75	233.56	0.00	0.00
MEDIAN	682+41.00	TO	685+65.00	324.00	324.00	405.00	0.00	0.00	0.00	324.00	405.00	0.00	0.00	0.00	364.50	24.06	0.00	0.00
MEDIAN	614+47.00	TO	616+42.00	195.00	0.00	0.00	0.00	83.00	0.00	0.00	0.00	0.00	83.00	0.00	41.50	2.74	0.00	0.00
MEDIAN	622+57.00	TO	623+47.00	90.00	0.00	0.00	0.00	62.00	0.00	0.00	0.00	0.00	62.00	0.00	31.00	2.05	0.00	0.00
MEDIAN	630+82.00	TO	632+17.00	135.00	0.00	0.00	0.00	93.00	0.00	0.00	0.00	0.00	93.00	0.00	46.50	3.07	0.00	0.00
MEDIAN	638+47.00	TO	639+67.00	120.00	0.00	0.00	0.00	68.00	0.00	0.00	0.00	0.00	68.00	0.00	34.00	2.25	0.00	0.00
				TOTAL =	16473.00	18997.00	4962.00	306.00	96.00	16473.00	18997.00	4962.00	306.00	96.00	20369.04	1344.52	0.00	0.00

2-LANE SECTION PAVEMENT MARKING SCHEDULE	STATION			SECTION LENGTH	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
				FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	SQ FT	EACH	EACH
2 WAY	682+41.00	TO	685+65.00	324.00	1296.00	648.00	0.00	0.00	0.00	1296.00	648.00	0.00	0.00	0.00	972.00	64.16	5.00	5.00
2 WAY	685+65.00	TO	691+33.00	568.00	1136.00	1136.00	0.00	0.00	0.00	1136.00	1136.00	0.00	0.00	0.00	1136.00	74.98	8.00	8.00
2 WAY	691+33.00	TO	896+91.00	20558.00	5139.50	41116.00	0.00	0.00	0.00	5139.50	41116.00	0.00	0.00	0.00	23127.75	1526.44	257.00	257.00
2 WAY	896+91.00	TO	897+86.00	95.00	23.75	190.00	0.00	0.00	0.00	23.75	190.00	0.00	0.00	0.00	106.88	7.06	2.00	2.00
2 WAY	897+86.00	TO	916+60.00	1874.00	468.50	3748.00	0.00	0.00	0.00	468.50	3748.00	0.00	0.00	0.00	2108.25	139.15	24.00	24.00
MEDIAN	670+97.00	TO	682+37.00	1140.00	0.00	0.00	0.00	609.00	0.00	0.00	0.00	0.00	609.00	0.00	304.50	20.10	0.00	0.00
MEDIAN	682+37.00	TO	685+65.00	328.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00	0.00	310.00	0.00	155.00	10.23	0.00	0.00
				TOTAL =	8063.75	46838.00	0.00	919.00	0.00	8063.75	46838.00	0.00	919.00	0.00	27910.38	1842.12	296.00	296.00

USER NAME = Dharpole	DESIGNED - DLH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - DLH	REVISED -		VAR.	22RS-2	KNOX	34	12				
	CHECKED - JLG	REVISED -		CONTRACT NO. 68K23				ILLINOIS	FED. AID PROJECT			
PLOT DATE = 01-21-2026	DATE - 01-21-2026	REVISED -		SCALE:	SHEET 2	OF 3	SHEETS					

4 LANE TEMPORARY RAMP/BUTT JOINT SCHEDULE		
STATION	TEMPORARY RAMP	BUTT JOINT
	SY	SY
606+97.00	189.73	379.45
606+97.00	189.73	379.45
616+27.00	51.61	103.22
617+32.00	51.61	103.22
622+77.00	51.61	103.22
623+72.00	51.61	103.22
631+22.00	51.61	103.22
631+97.00	51.61	103.22
637+67.00	51.61	103.22
638+72.00	51.61	103.22
TOTAL	792.34	1584.68

2 LANE TEMPORARY RAMP/BUTT JOINT SCHEDULE		
STATION	TEMPORARY RAMP	BUTT JOINT
	SY	SY
815+57.00	124.44	248.89
TOTAL	124.44	248.89

4 LANE INCIDENTAL HOT MIX ASPHALT SURFACING			
STATION	LT/RT	ENTRANCE AREA (SF)	INCEDENTAL ASPHALT (TON)
647+57.00	LT	1762.97	24.69
647+77.00	RT	1949.49	21.23
	TOTAL =	3712.47	45.92

2 LANE INCIDENTAL HOT MIX ASPHALT SURFACING			
STATION	LT/RT	ENTRANCE AREA (SF)	INCEDENTAL ASPHALT (TON)
706+62.00	LT	1451.93	15.81
757+52.00	LT	1608.62	17.52
757+97.00	RT	1867.27	20.34
850+07.00	LT	1885.03	20.53
850+22.00	RT	2155.53	23.48
877+82.00	RT	1854.40	20.2
878+47.00	LT	1693.52	18.45
891+57.00	RT	3721.29	40.53
	TOTAL =	16237.59	176.86

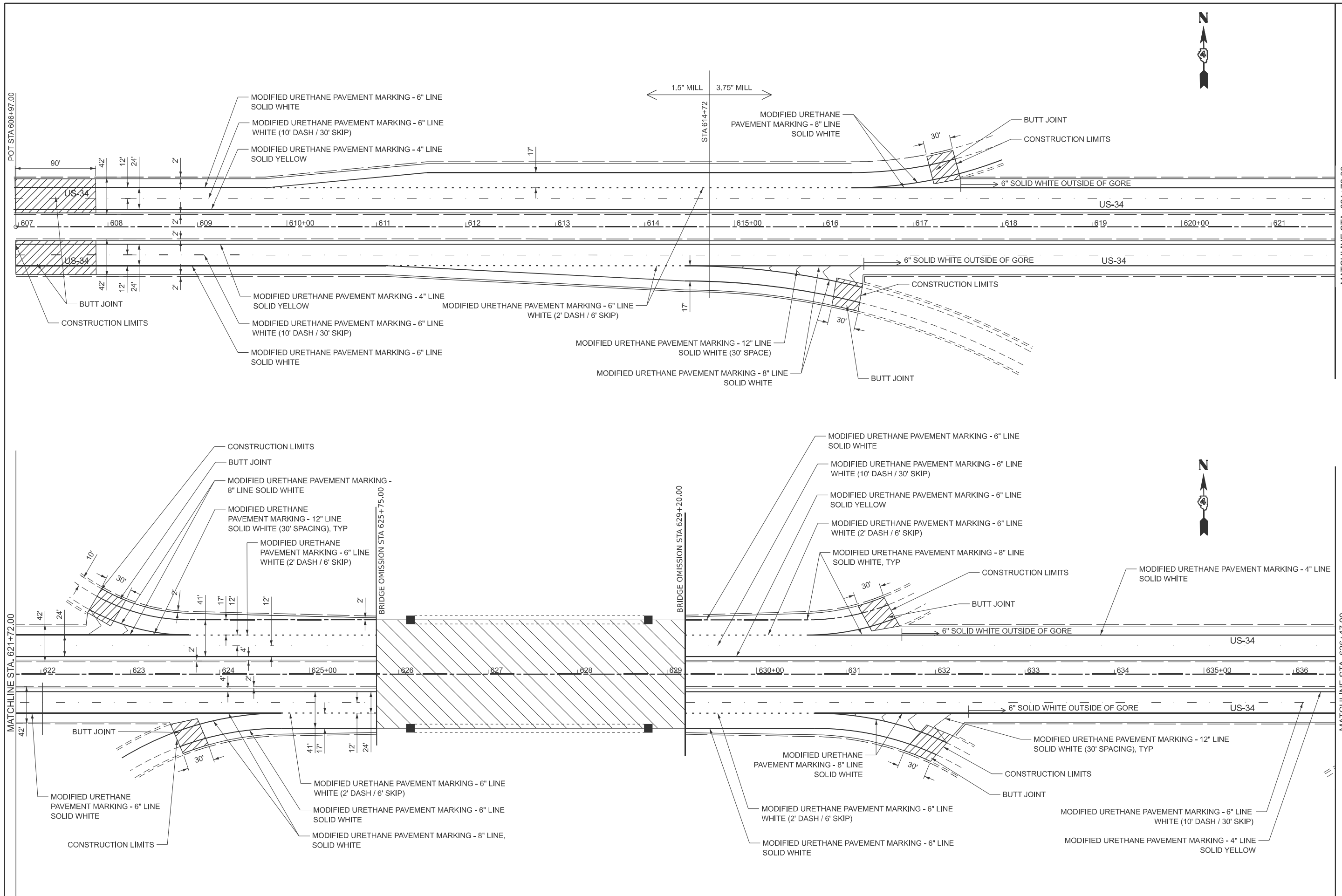
TRAFFIC CONTROL AND PROTECTION SCHEDULE		EACH
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	8
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	1
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	1

GUARDRAIL REMOVAL					
LOCATION	STATION				LENGTH
EB	610+48.00	TO	614+85.50	LT	437.5
	611+63.00	TO	614+88.00	RT	325.0
	643+13.00	TO	646+75.50	RT	362.5
WB	614+55.50	TO	618+18.00	RT	362.5
	639+78.00	TO	641+28.00	LT	150.0
	639+78.00	TO	643+13.00	RT	335.0
	644+47.00	TO	646+97.00	LT	250.0
TOTAL =					2222.5

GUARDRAIL EROSION CONTROL AGGREGATE					
LOCATION	STATION				TON
EB	610+38.00	TO	614+85.50	LT	91.0
	611+53.00	TO	614+88.00	RT	79.0
	643+03.00	TO	646+75.50	RT	76.0
WB	614+55.50	TO	628+18.00	RT	76.0
	639+78.00	TO	641+38.00	LT	33.0
	639+78.00	TO	643+23.00	RT	79.0
	644+47.00	TO	646+97.00	LT	51.0
TOTAL =					485.0

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS					
LOCATION	STATION		SIDE	LENGTH	
EB	610+98.00	TO	614+85.50	LT	387.5
	611+63.00	TO	614+88.00	RT	325.0
	643+63.00	TO	646+75.50	RT	312.5
WB	614+55.50	TO	617+68.00	RT	312.5
	639+78.00	TO	640+78.00	LT	100.0
	639+78.00	TO	643+03.00	RT	325.0
	644+47.00	TO	646+97.00	LT	250.0
TOTAL =					2012.5

TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL) TANGENT			
LOCATION	STATION	SIDE	EACH
EB	610+48.00	LT	1.0
	611+13.00	RT	1.0
	643+13.00	RT	1.0
WB	618+18.00	RT	1.0
	641+28.00	LT	1.0
	643+53.00	LT	1.0
TOTAL =			6.0

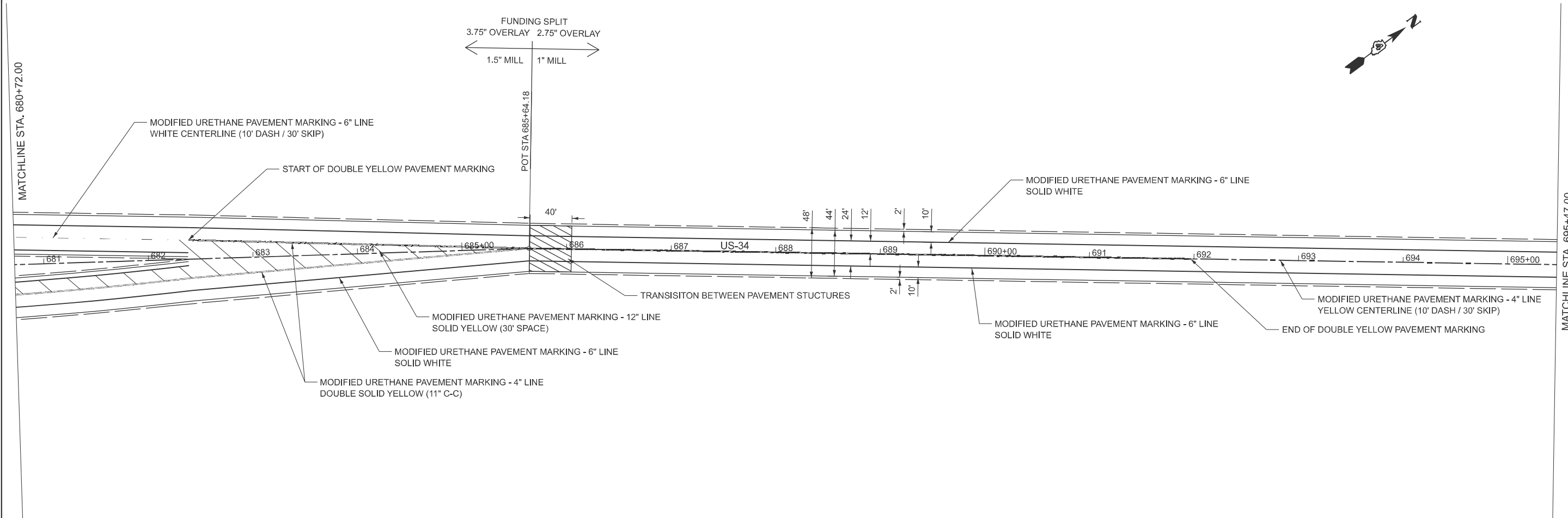
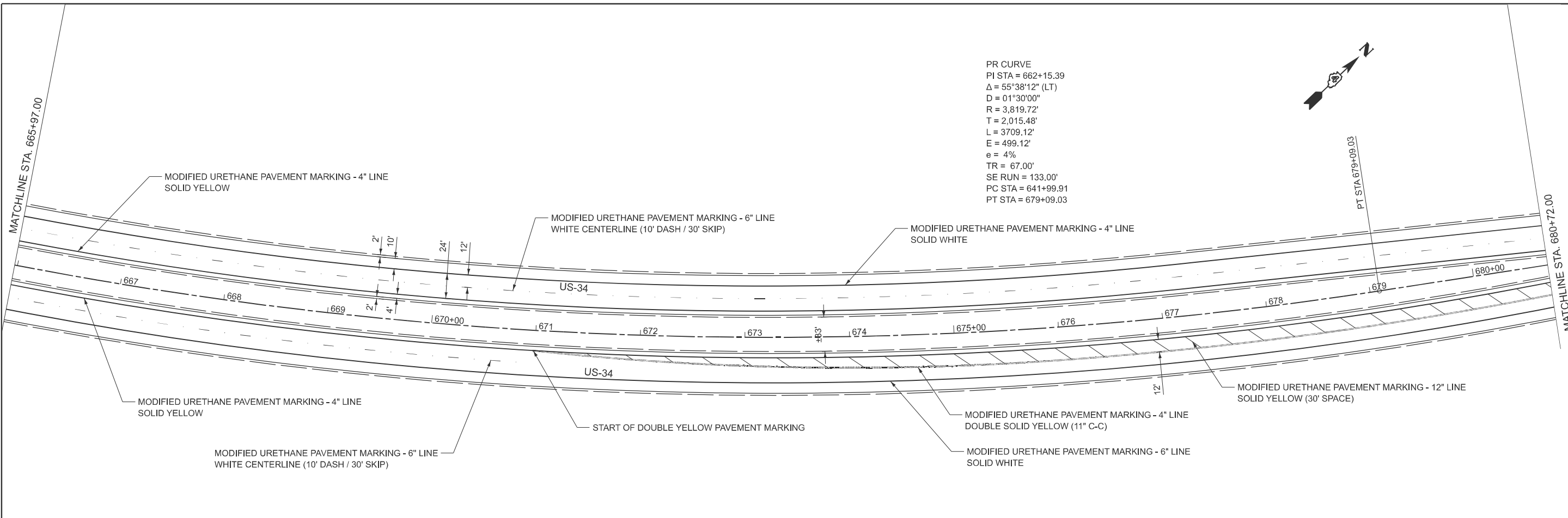


USER NAME = DHARPOLE	DESIGNED - DLH	REVISED -
	DRAWN - DLH	REVISED -
	CHECKED - JLG	REVISED -
PLOT DATE = 01-21-2026	DATE - 01-21-2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET		
SCALE: 1:50	SHEET 1 OF 11 SHEETS	STA. 606+97 TO STA. 636+47

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	22RS-2	KNOX	34	14
CONTRACT NO. 68K23				
ILLINOIS FED. AID PROJECT				



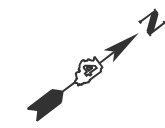
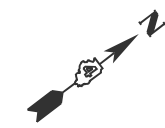
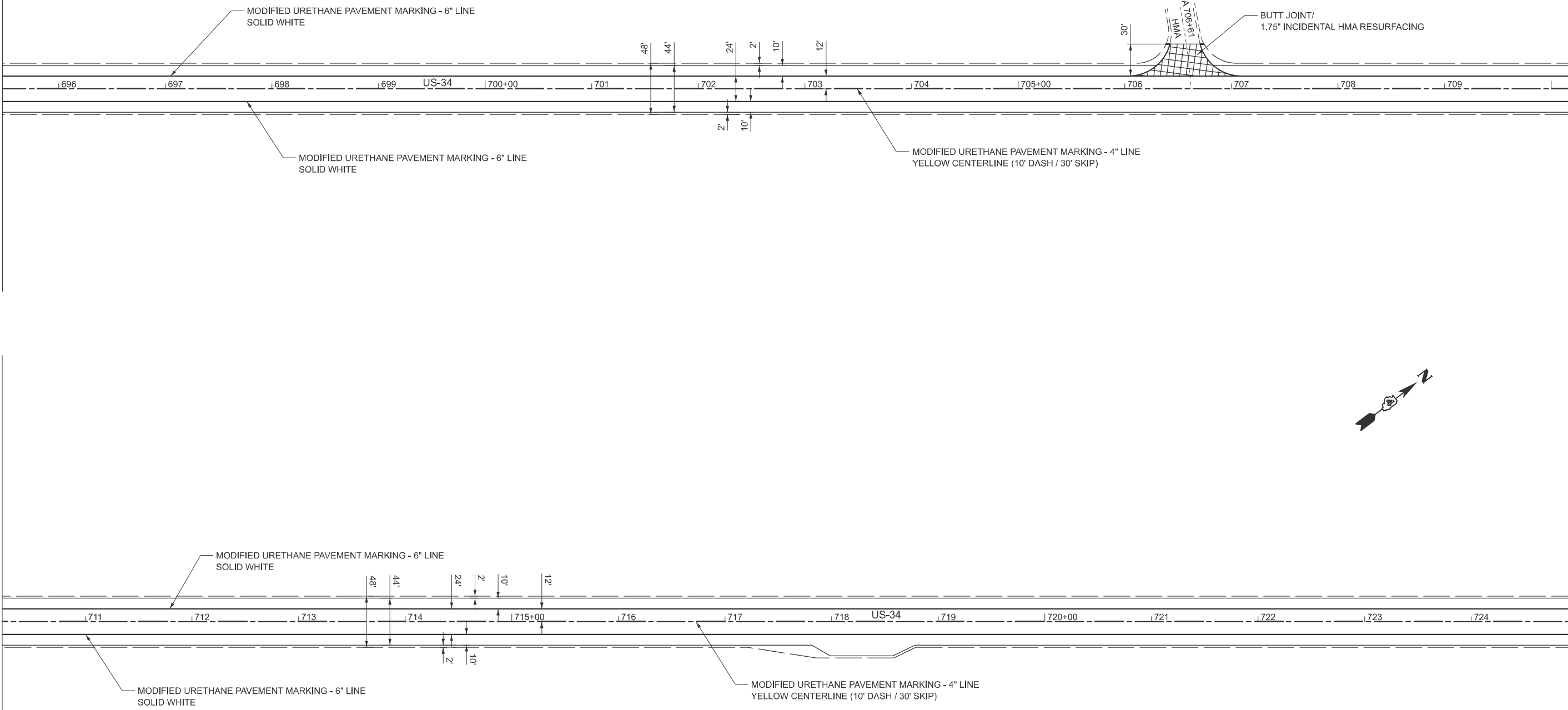
USER NAME = DHARPOLE		DESIGNED - DLH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - DLH	REVISED -		SCALE: 1:50	SHEET 3	OF 11 SHEETS	STA. 665+97	TO STA. 695+47	KNOX	34	16
		CHECKED - JLG	REVISED -		CONTRACT NO. 68K23							
PLOT DATE = 01-21-2026		DATE - 01-21-2026	REVISED -		ILLINOIS FED. AID PROJECT							

MATCHLINE STA. 695+47.00

MATCHLINE STA. 710+22.00

MATCHLINE STA. 170+22.00

MATCHLINE STA. 724+97.00



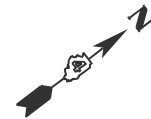
USER NAME = DHARPOLE	DESIGNED - DLH	REVISED -
	DRAWN - DLH	REVISED -
	CHECKED - JLG	REVISED -
PLOT DATE = 01-21-2026	DATE - 01-21-2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

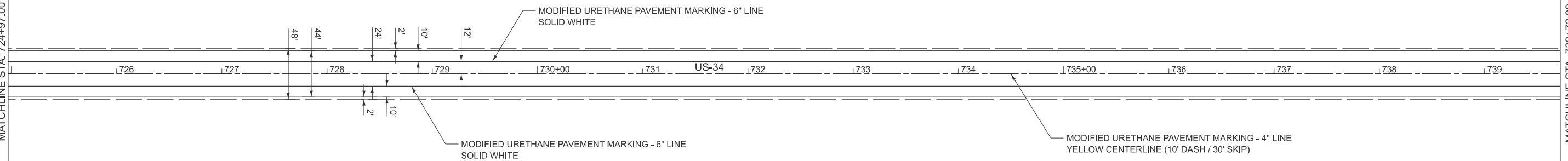
SCALE: 1:50 SHEET 4 OF 11 SHEETS STA. 695+47 TO STA. 724+97

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	22RS-2	KNOX	34	17
CONTRACT NO. 68K23				
ILLINOIS FED. AID PROJECT				



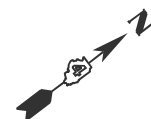
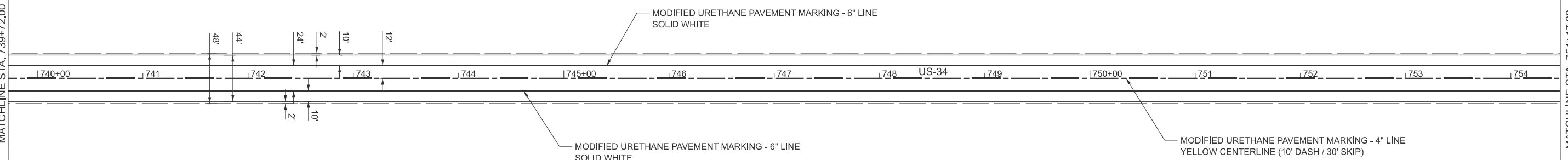
MATCHLINE STA. 724+97.00

MATCHLINE STA. 739+72.00



MATCHLINE STA. 739+72.00

MATCHLINE STA. 754+47.00



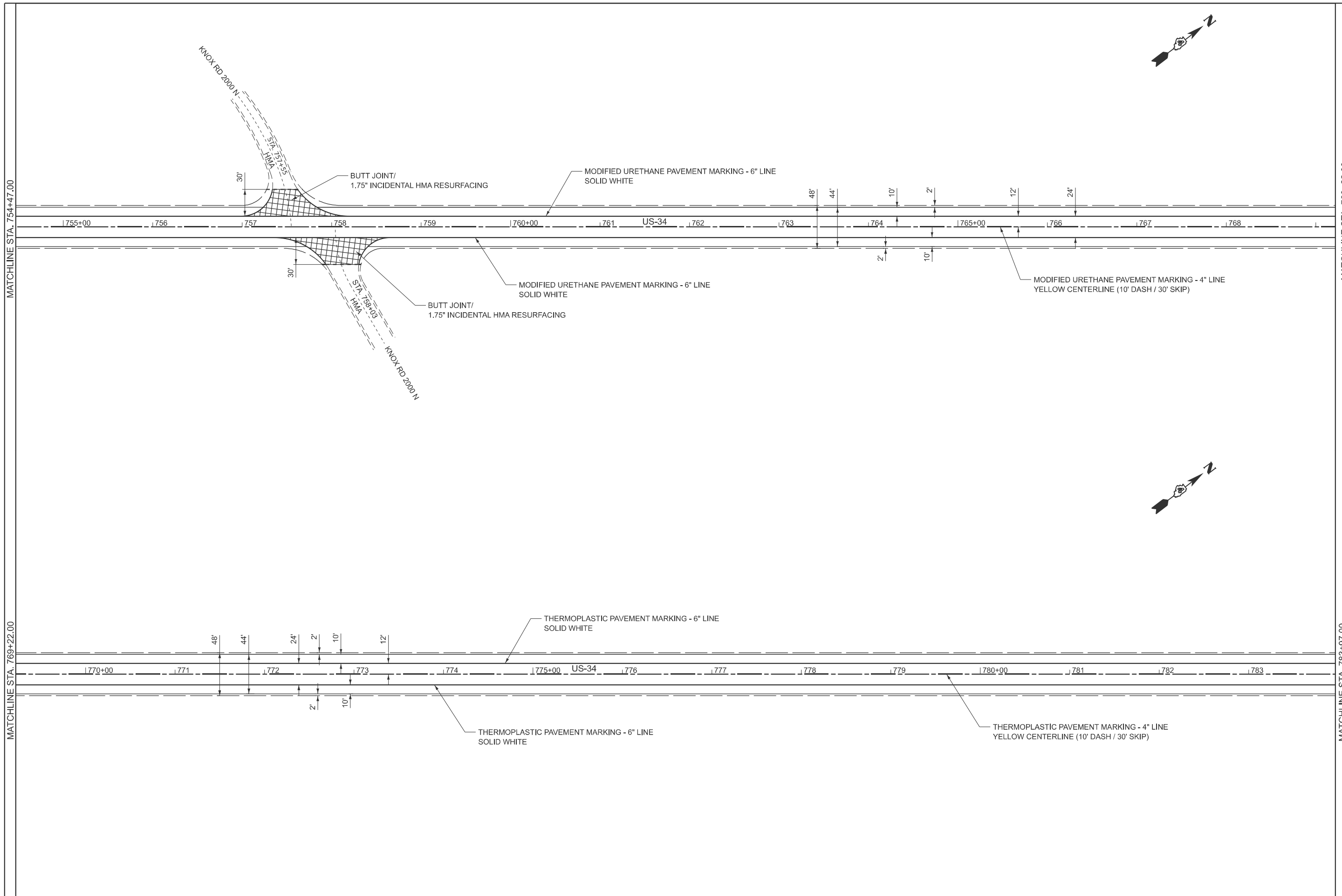
USER NAME = DHARPOLE	DESIGNED - DLH	REVISED -
	DRAWN - DLH	REVISED -
	CHECKED - JLG	REVISED -
PLOT DATE = 01-21-2026	DATE - 01-21-2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1:50 SHEET 5 OF 11 SHEETS STA. 724+97 TO STA. 754+47

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	22RS-2	KNOX	34	18
CONTRACT NO. 68K23				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 754+47.00

MATCHLINE STA. 769+22.00

MATCHLINE STA. 769+22.00

MATCHLINE STA. 783+97.00

USER NAME = DHARPOLE	DESIGNED - DLH	REVISED -
	DRAWN - DLH	REVISED -
	CHECKED - JLG	REVISED -
PLOT DATE = 01-21-2026	DATE - 01-21-2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1:50 SHEET 6 OF 11 SHEETS STA. 754+47 TO STA. 783+97

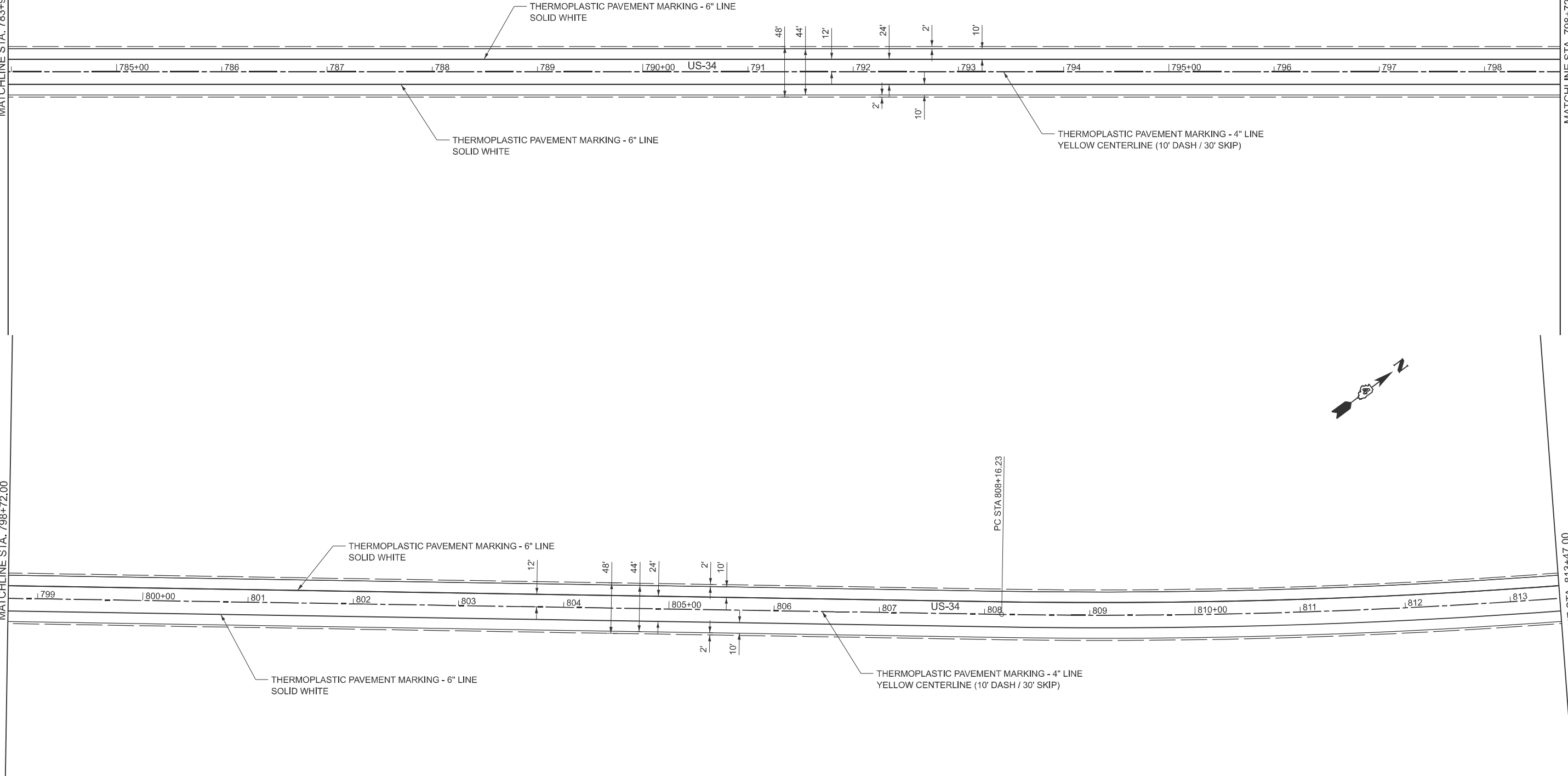
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	22RS-2	KNOX	34	19
CONTRACT NO. 68K23				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 783+97.00

MATCHLINE STA. 798+72.00

MATCHLINE STA. 798+72.00

MATCHLINE STA. 813+47.00



USER NAME = DHARPOLE	DESIGNED - DLH	REVISED -
	DRAWN - DLH	REVISED -
	CHECKED - JLG	REVISED -
PLOT DATE = 01-21-2026	DATE - 01-21-2026	REVISED -

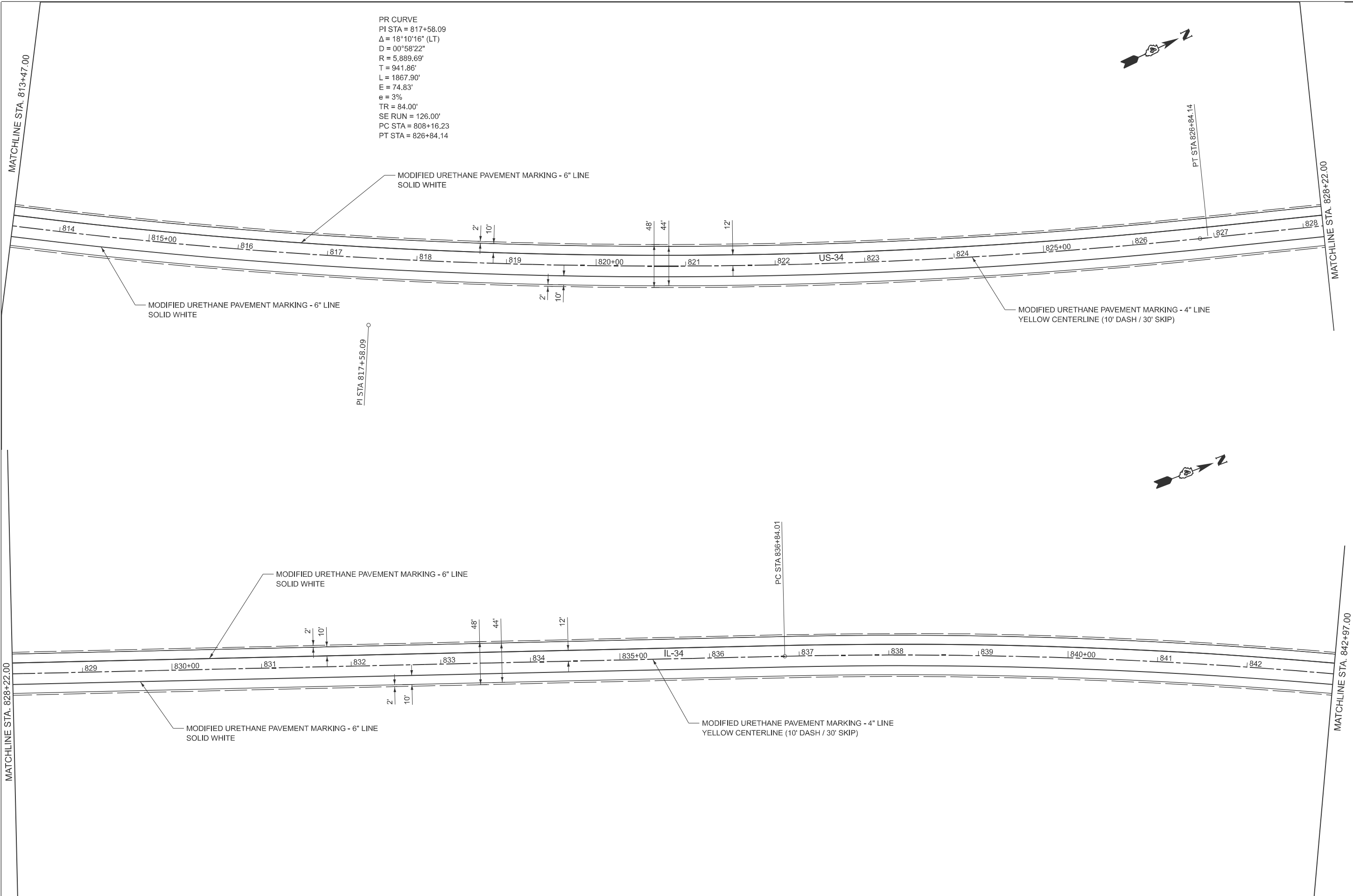
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1:50 SHEET 7 OF 11 SHEETS STA. 783+97 TO STA. 813+47

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	22RS-2	KNOX	34	20
CONTRACT NO. 68K23				
ILLINOIS FED. AID PROJECT				

PR CURVE
 PI STA = 817+58.09
 $\Delta = 18^{\circ}10'16''$ (LT)
 $D = 00^{\circ}58'22''$
 $R = 5,889.69'$
 $T = 941.86'$
 $L = 1867.90'$
 $E = 74.83'$
 $e = 3\%$
 $TR = 84.00'$
 $SE\ RUN = 126.00'$
 $PC\ STA = 808+16.23$
 $PT\ STA = 826+84.14$

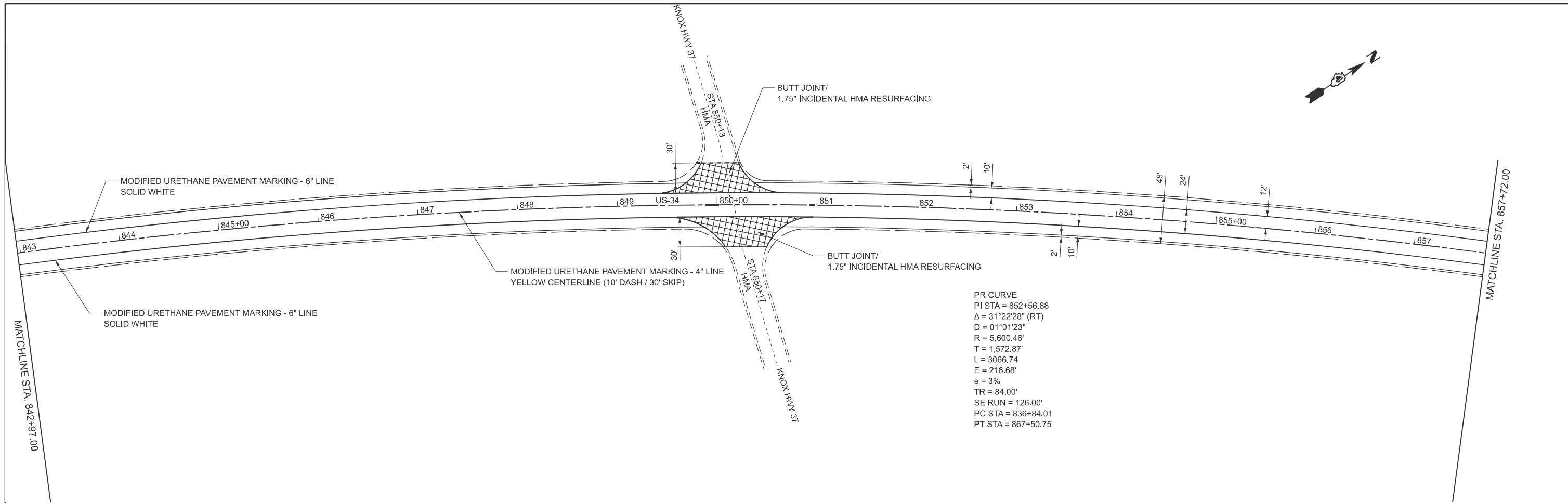


USER NAME = DHARPOLE	DESIGNED - DLH	REVISED -
	DRAWN - DLH	REVISED -
	CHECKED - JLG	REVISED -
PLOT DATE = 01-21-2026	DATE - 01-21-2026	REVISED -

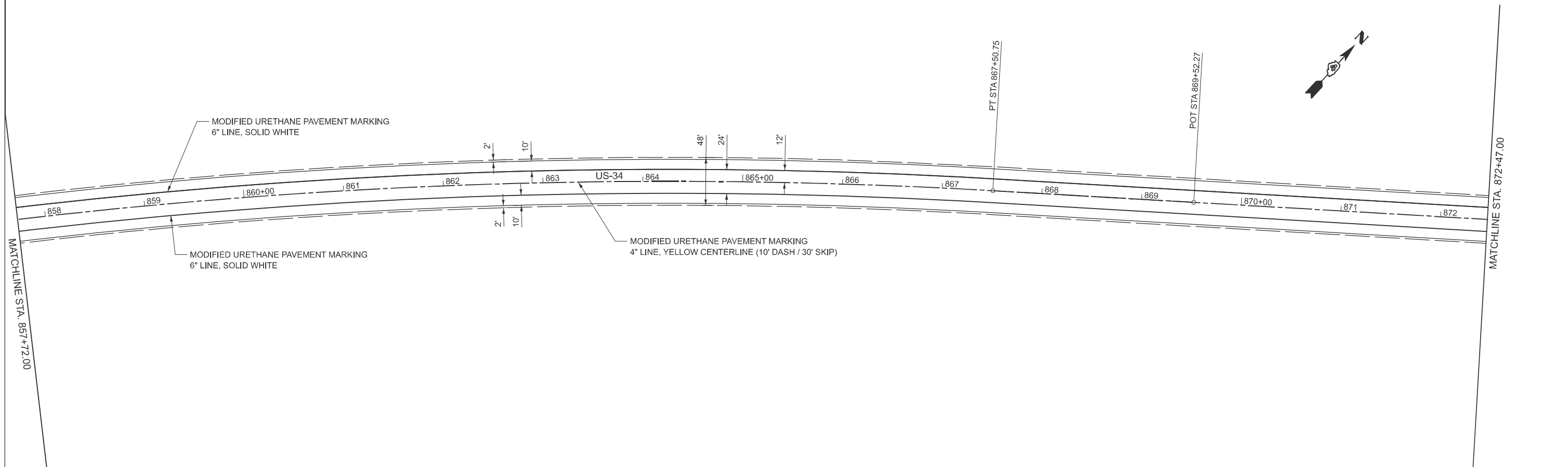
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET
 SCALE: 1:50 SHEET 8 OF 11 SHEETS STA. 813+47 TO STA. 842+97

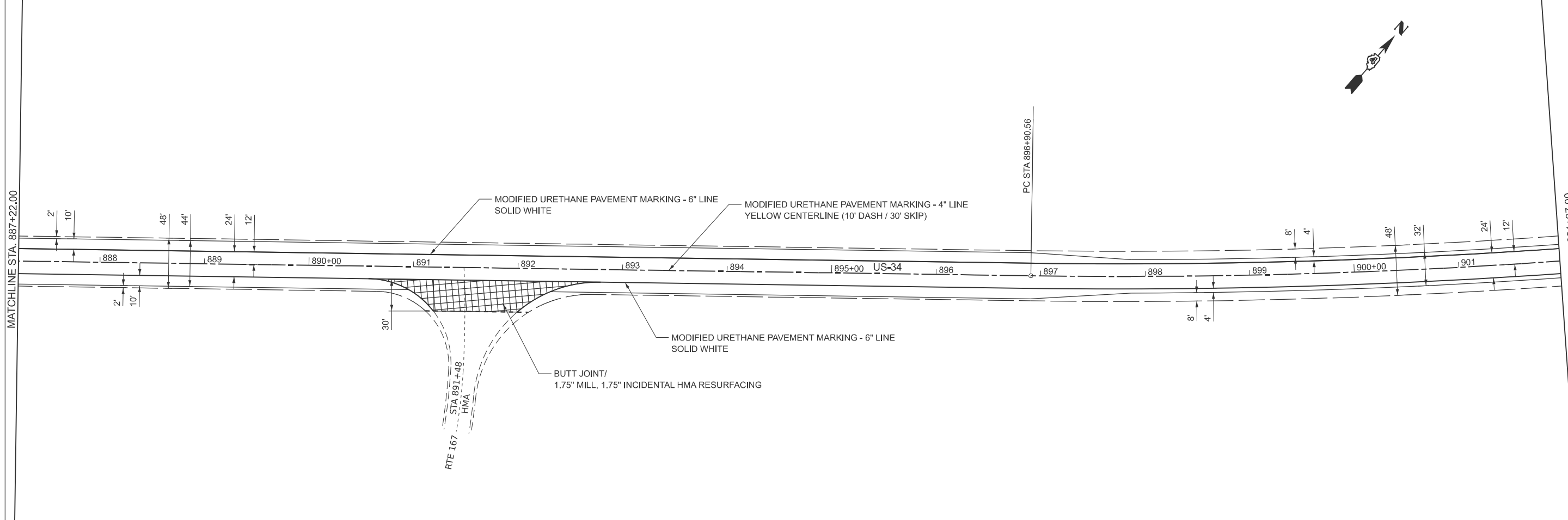
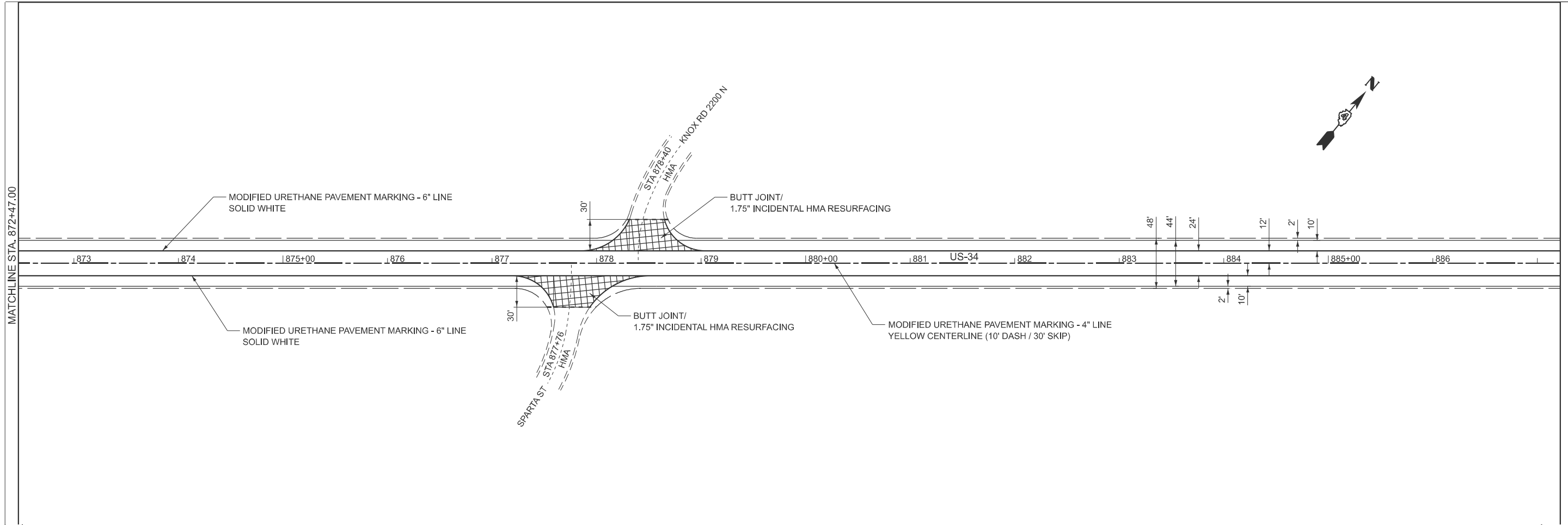
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	22RS-2	KNOX	34	21
CONTRACT NO. 68K23				
ILLINOIS FED. AID PROJECT				



PR CURVE
 PI STA = 852+56.88
 $\Delta = 31^\circ 22' 28''$ (RT)
 $D = 01^\circ 01' 23''$
 $R = 5,600.46'$
 $T = 1,572.87'$
 $L = 3066.74'$
 $E = 216.68'$
 $e = 3\%$
 $TR = 84.00'$
 $SE\ RUN = 126.00'$
 $PC\ STA = 836+84.01$
 $PT\ STA = 867+50.75$



USER NAME = DHARPOLE PLOT DATE = 01-21-2026	DESIGNED - DLH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN - DLH	REVISED -		SCALE: 1:50	SHEET 9	OF 11 SHEETS	VAR.	22RS-2	KNOX	34	22
	CHECKED - JLG	REVISED -		STA. 842+97	TO STA. 872+47		CONTRACT NO. 68K23				
	DATE - 01-21-2026	REVISED -		ILLINOIS FED. AID PROJECT							



USER NAME = DHARPOLE	DESIGNED - DLH	REVISED -
	DRAWN - DLH	REVISED -
	CHECKED - JLG	REVISED -
PLOT DATE = 01-21-2026	DATE - 01-21-2026	REVISED -

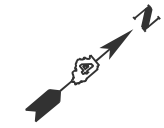
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1:50 SHEET 10 OF 11 SHEETS STA. 872+47 TO STA. 901+97

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	22RS-2	KNOX	34	23
CONTRACT NO. 68K23				
ILLINOIS FED. AID PROJECT				

PR CURVE
 PI STA = 903+77.00
 $\Delta = 13^{\circ}05'57''$ (LT)
 $D = 00^{\circ}57'30''$
 $R = 5,978.71'$
 $T = 686.44'$
 $L = 1366.89'$
 $E = 39.28'$
 $e = 4\%$
 $TR = 67.00'$
 $SE\ RUN = 133.00'$
 $PC\ STA = 896+90.56$
 $PT\ STA = 910+57.45$



MATCHLINE STA. 901+97.00

POT STA 916+59.79

MODIFIED URETHANE PAVEMENT MARKING - 4" LINE
 YELLOW CENTERLINE (10' DASH / 30' SKIP)

MODIFIED URETHANE PAVEMENT MARKING - 6" LINE
 SOLID WHITE

LIMITS OF CONSTRUCTION

BUTT JOINT

8'
4'

PI STA 903+77.00

903

904

905+00

906

907

908

909

910+00

911

912

913

914

915+00

916

70'

48'

32'

24'

12'

MODIFIED URETHANE PAVEMENT MARKING - 6" LINE
 SOLID WHITE

US-34

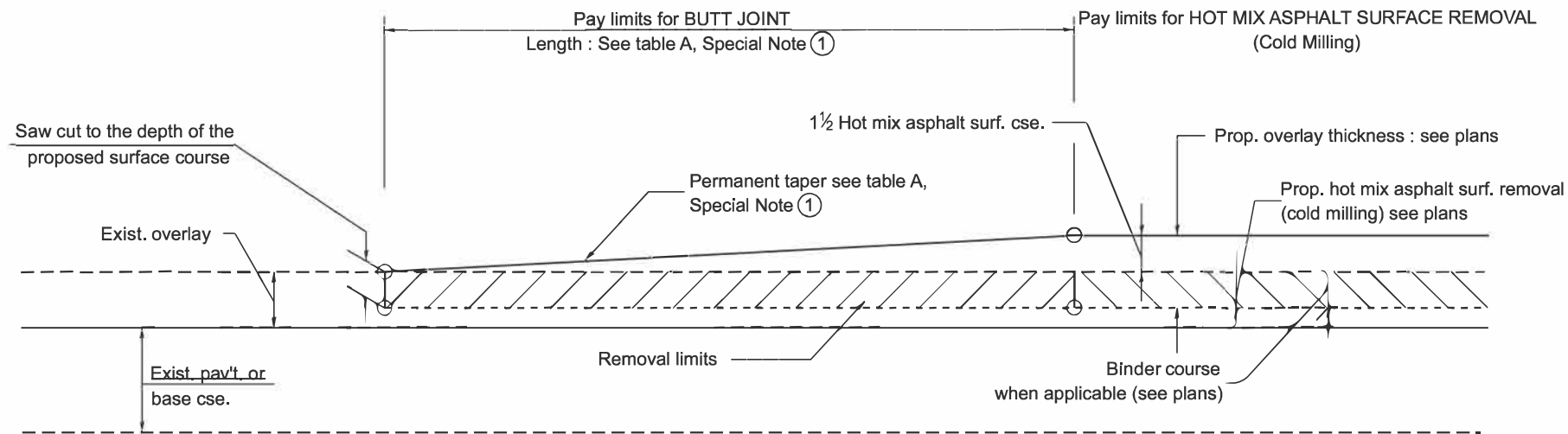
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	DRAWN - DLH	REVISED -
	CHECKED - JLG	REVISED -
PLOT DATE = 01-21-2026	DATE - 01-21-2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: 1:50 SHEET 11 OF 11 SHEETS STA. 901+97 TO STA. 916+60

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	22RS-2	KNOX	34	24
CONTRACT NO. 68K23				
ILLINOIS FED. AID PROJECT				



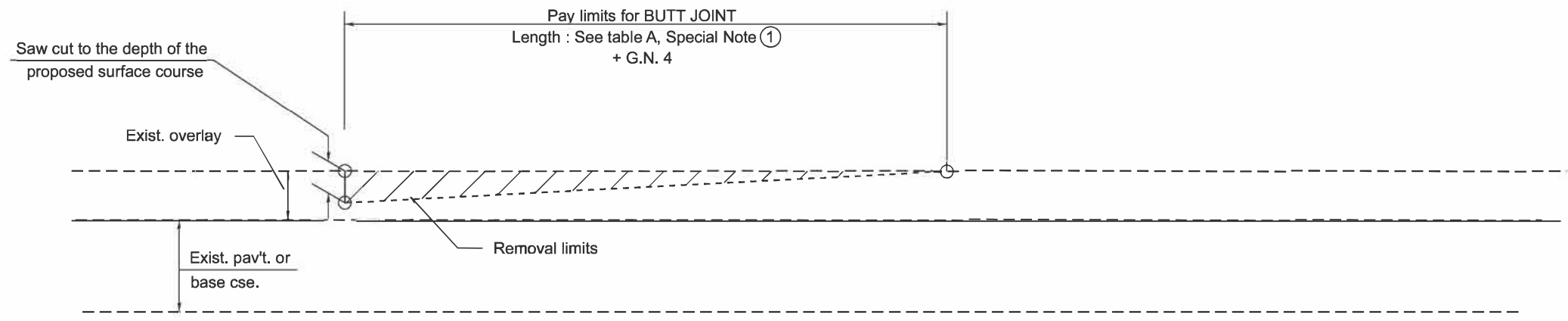
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**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.

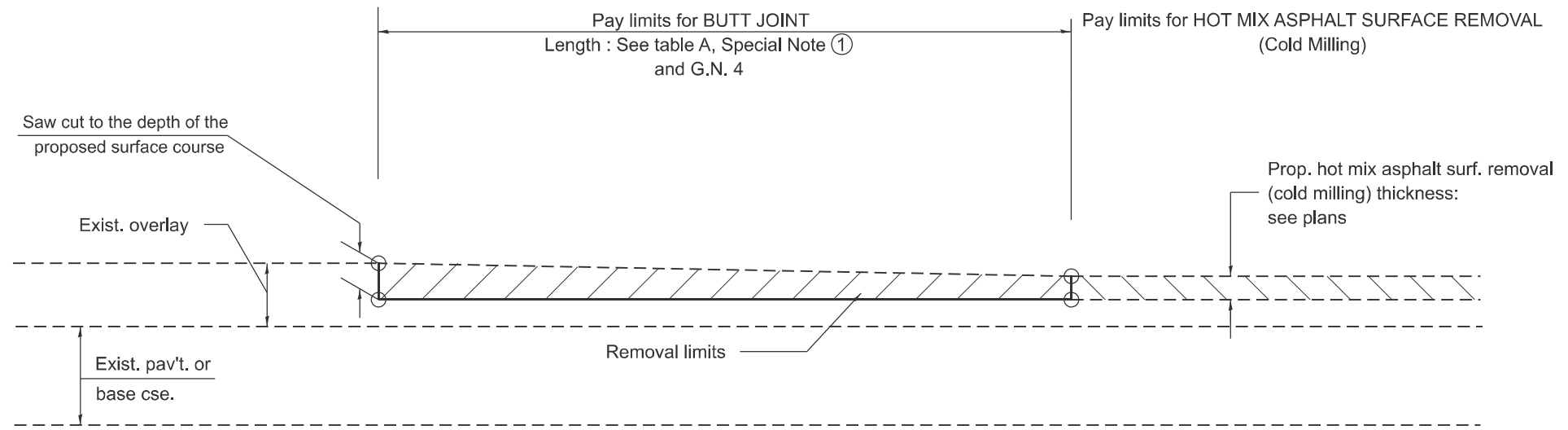


CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

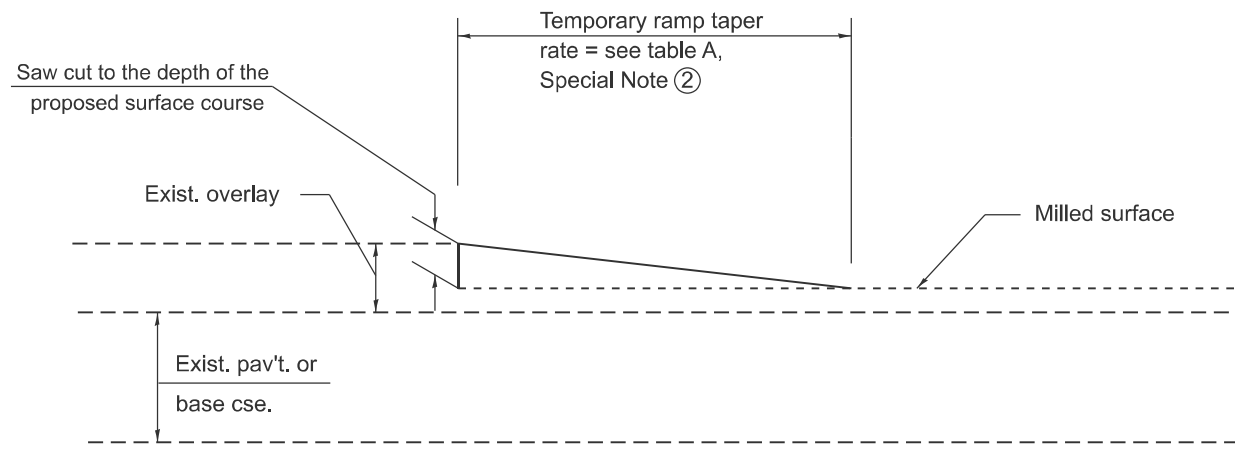
All dimensions are in inches unless otherwise noted.

MODEL: DA-406101-01
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USER NAME = thomas.cox	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINTS		FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		SCALE: NOT TO SCALE SHEET 000 1 OF 3 SHEETS STA. TO STA.		DISTRICT 4 STANDARD NO. 406101 CONTRACT NO.				
	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT						
PLOT DATE = 9/17/2025	DATE -	REVISED -								



**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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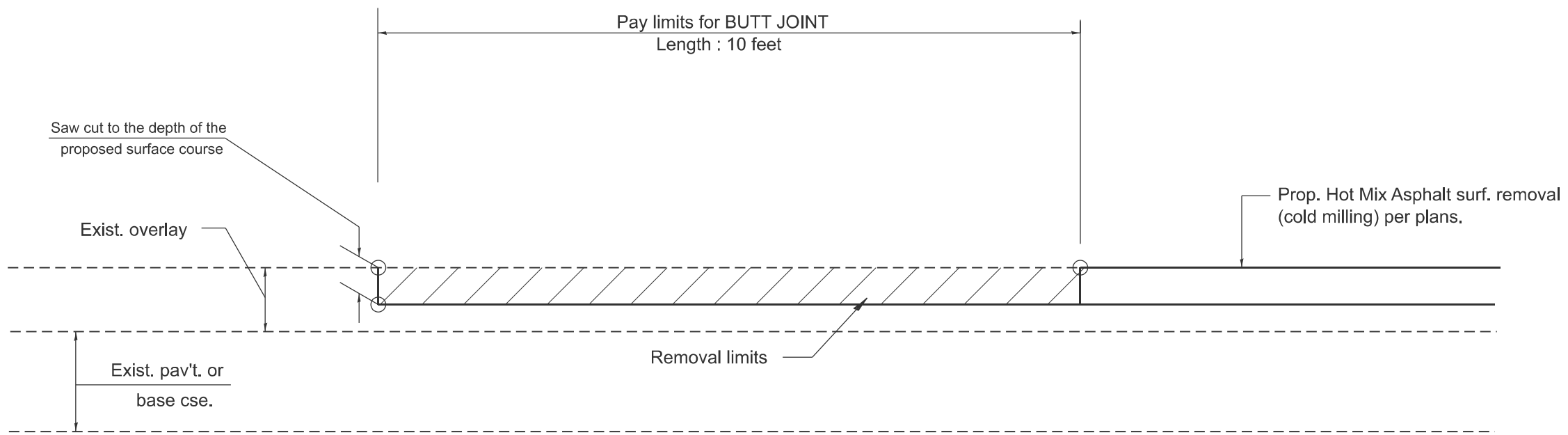
USER NAME = thomas.cox	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 9/17/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINTS

SCALE: NOT TO SCALE SHEET 000 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DISTRICT 4 STANDARD NO. 406101		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



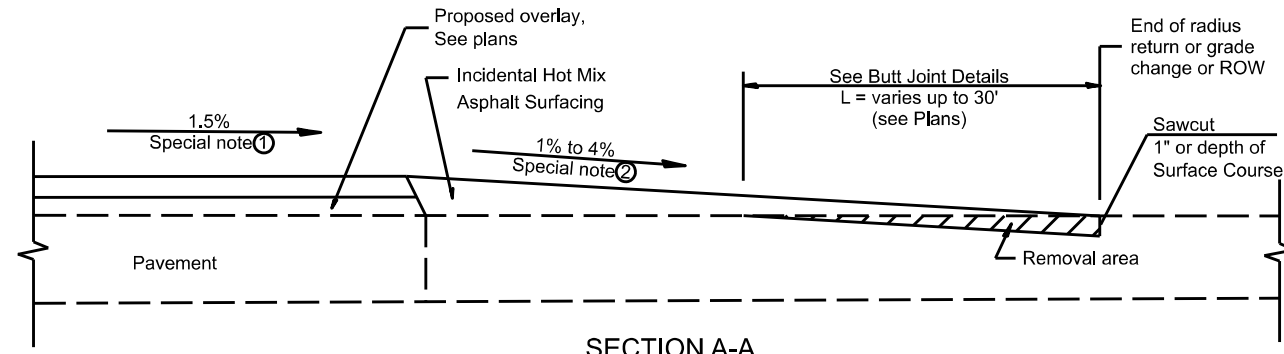
CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

MODEL: D4-06101-03
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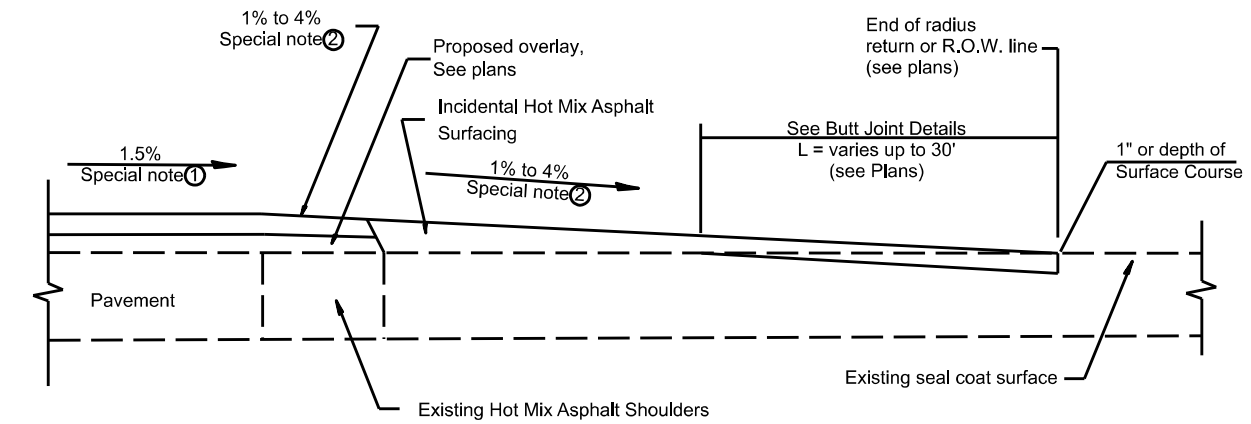
All dimensions are in inches unless otherwise noted.

USER NAME = thomas.cox	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINTS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		SCALE: NOT TO SCALE	SHEET 000 3	OF 3 SHEETS	STA.	TO STA.	DISTRICT 4 STANDARD NO. 406101	CONTRACT NO.	0
	CHECKED -	REVISED -									
PLOT DATE = 9/17/2025	DATE -	REVISED -							ILLINOIS	FED. AID PROJECT	

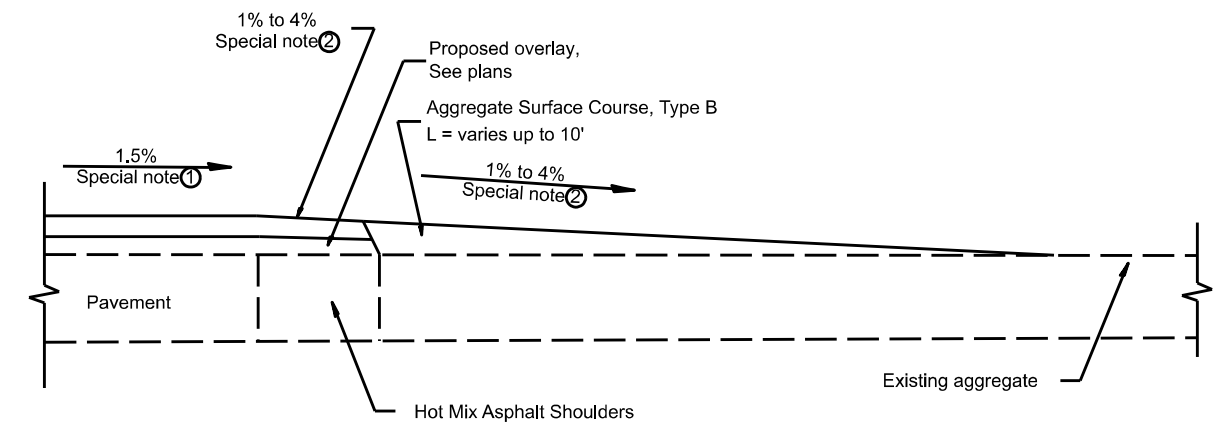
DESIGNER NOTES:
 1. DESIGNER SHOULD CONSULT CHAPTER 53 OF THE BDE MANUAL.
 2. THIS CADD STANDARD IS FOR PPP PROJECTS.
 MODEL: D:\406402\406402.dgn
 FILE NAME: C:\Users\David.broviak\OneDrive - State of Illinois\PD&P\General notes_Specials_CADD_Details\D-406402.dgn



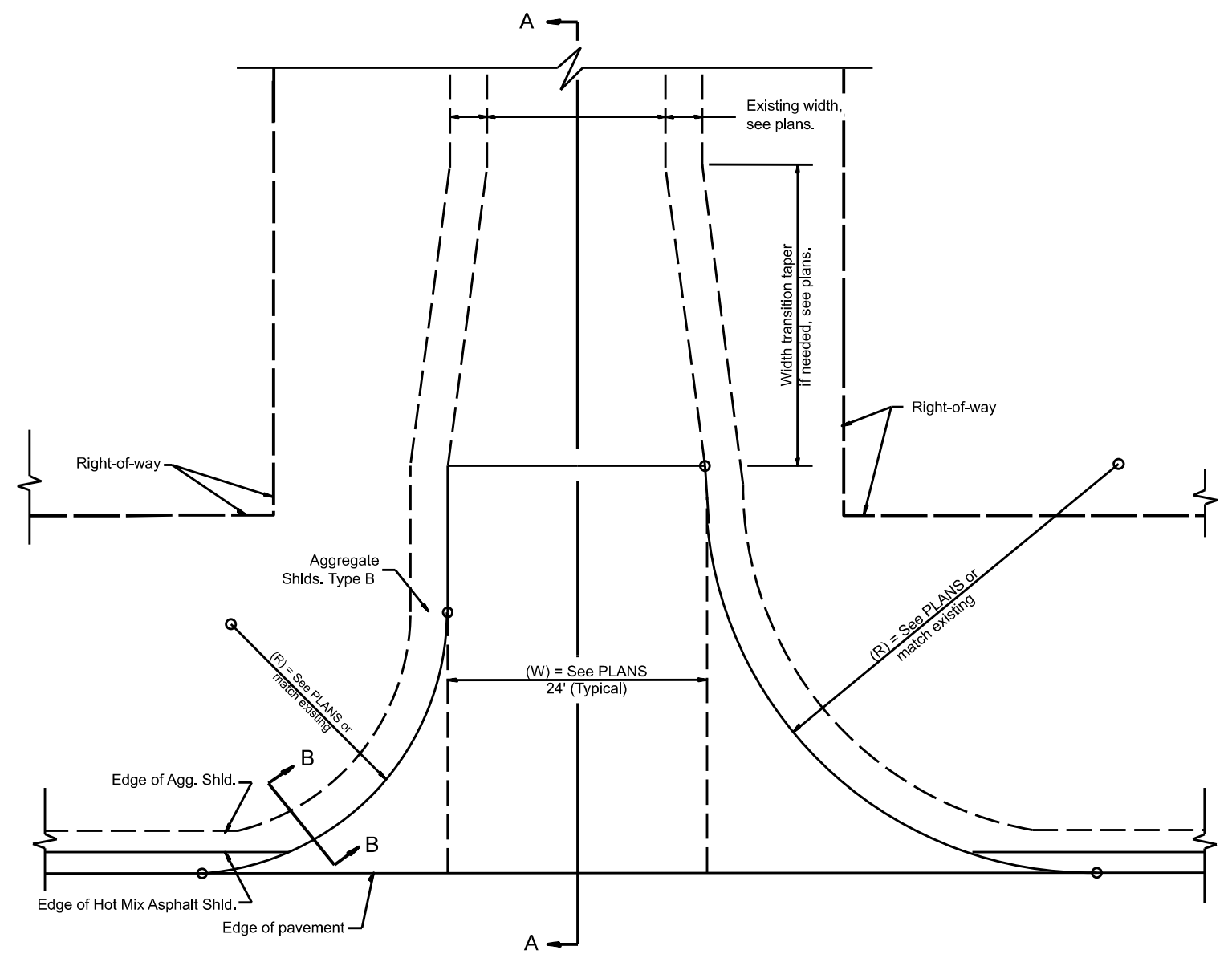
SECTION A-A
 EXISTING PCC OR HOT MIX ASPHALT SIDEROAD



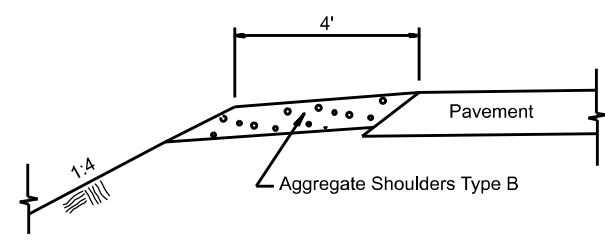
SECTION A-A
 EXISTING SEAL COAT SIDEROAD



SECTION A-A
 EXISTING AGGREGATE SIDEROAD



PLAN



SECTION B-B
 SIDEROAD SHOULDER TREATMENT

SPECIAL NOTES

- ① The mainline pavement cross-slope is 1.5% for tangent alignment. See Plans for cross-slope on superelevated horizontal curves.
- ② The sideroad profile should drain away from the mainline at 1% to 4% for 50' to 100', or as a minimum to the end of the radius return. When the sideroad is on the high side of a mainline superelevated curve, -2% maximum should be provided in order to minimize breakover at the pavement edge. See plans for sideroad profiles.

All dimensions are in inches unless otherwise noted.

USER NAME = david.broviak	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/18/2026	DATE -	REVISED -

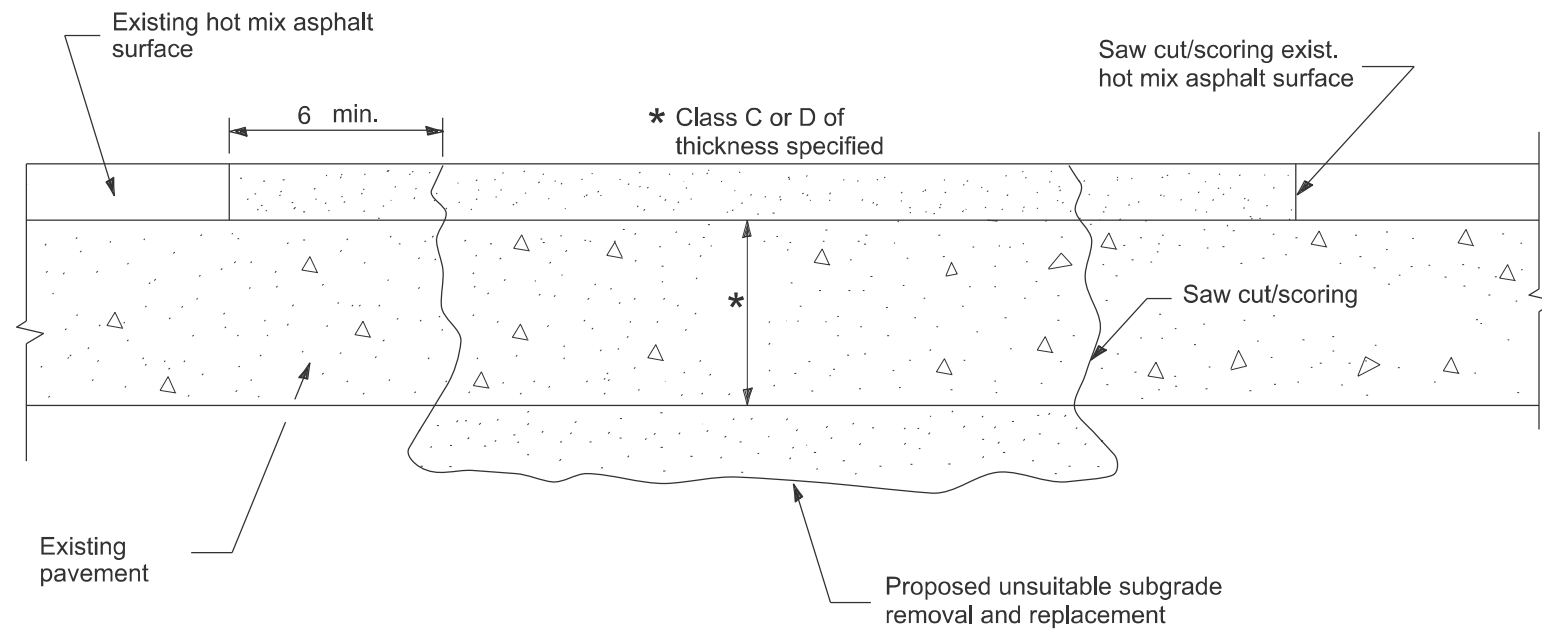
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RURAL SIDEROADS FOR "PPP" PROJECTS

SCALE: NOT TO SCALE SHEET 000 OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				0
DISTRICT 4 DETAIL NO. 406402			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

DESIGNER NOTE: INCLUDE CHECK SHEET 16
 MODEL: D4-440101
 FILE NAME: c:\p\work\pav\illinois.gov\thomas.cox\illinois.gov\td1055944\D4-440101.dgn



SEQUENCE OF CONSTRUCTION

1. Remove the existing hot mix asphalt surface.
2. Remove and replace full depth patches.
3. Replace hot mix asphalt surface.

PAVEMENT PATCHING FOR
HOT MIX ASPHALT SURFACED PAVEMENT

GENERAL NOTES

1. The width of the full depth patch over a trench shall be 12 wider on each side of the trench.

All dimensions are in inches unless otherwise noted.

USER NAME = thomas.cox	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 11/11/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

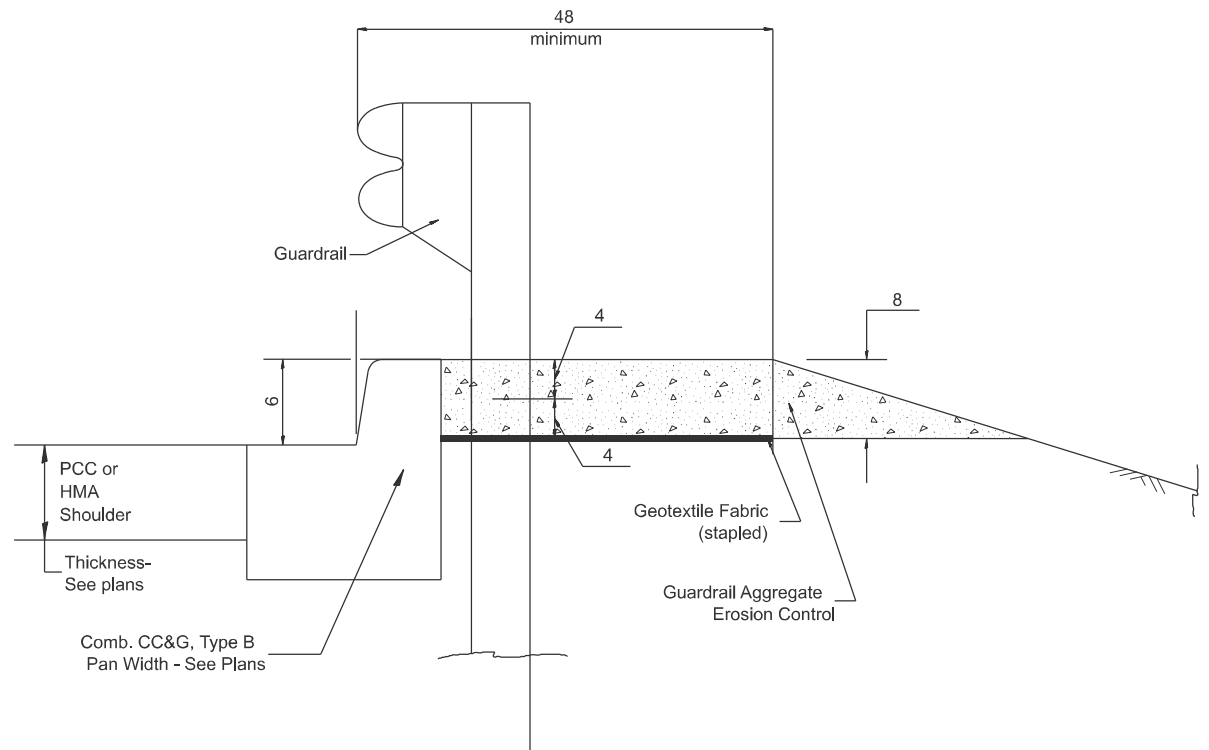
HOT MIX ASPHALT SURFACE REMOVAL OVER PATCHES

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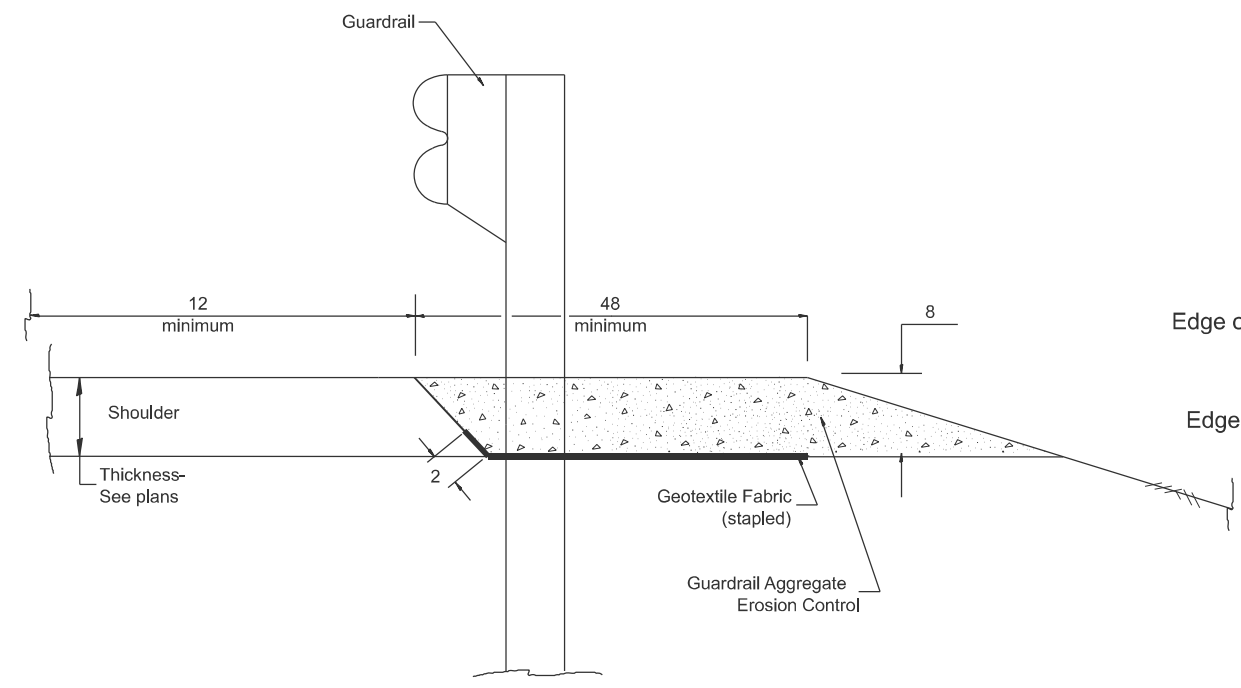
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				0
DISTRICT 4 DETAIL NO. 440101			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

DESIGNER NOTES: 1. CONSIDER USING A "B" CURB PAY ITEM AT GUARDRAIL INSTALLATIONS WHERE GRADES ARE EQUAL TO OR GREATER THAN 1% AND AT INLETS. (INCLUDE DISTRICT SPECIAL PROVISION)
 2. USE "GUARDRAIL AGGREGATE EROSION CONTROL" AT GUARDRAIL INSTALLATIONS WHERE GRADES ARE LESS THAN 1%. (INCLUDE DISTRICT SPECIAL PROVISION).
 3. INCLUDE STATE STANDARD 610001, IF APPLICABLE.
 4. INCLUDE THE FOLLOWING DISTRICT CADD STANDARDS AS NEEDED: SLOPE DRAINS FOR EXPOSED PIPES; CONCRETE THRU BLOCKS AND PIPE ELBOW. SEE PAGE COLLARS FOR BURIED PIPES; SLOPE DRAINS FOR EXPOSED PIPES; SLOPE DRAINS FOR BURIED PIPES; SEE PAGE COLLARS FOR BURIED PIPES
 5. INCLUDE DISTRICT SPECIAL PROVISION - "AGGREGATE QUALITY" FOR PROJECTS LOCATED IN THE WESTERN AREA OF THE DISTRICT - APPROX. DIVIDING LINE IS IL 97.
 6. DELETE DESIGNER NOTES WHEN INSERTING INTO PLAN FILES.
 7. OPERATIONS PREFERS USE OF PIPE OUTLETTING ONTO FORESLOPE WITH RIPRAP. USE NON-METALLIC PIPE WHEN POSSIBLE BECAUSE OF FUTURE CORROSION ISSUES.
 8. IF NO OTHER SEEDING US PRACTICES ARE SPECIFIED, USE DISTRICT SPECIAL PROVISION FOR SEEDING, MINOR AREAS

MODEL: D4-630101-01
 FILE NAME: X:\Projects\Current\22-113-110-01\Drawings\22-113-110-01-01.dwg



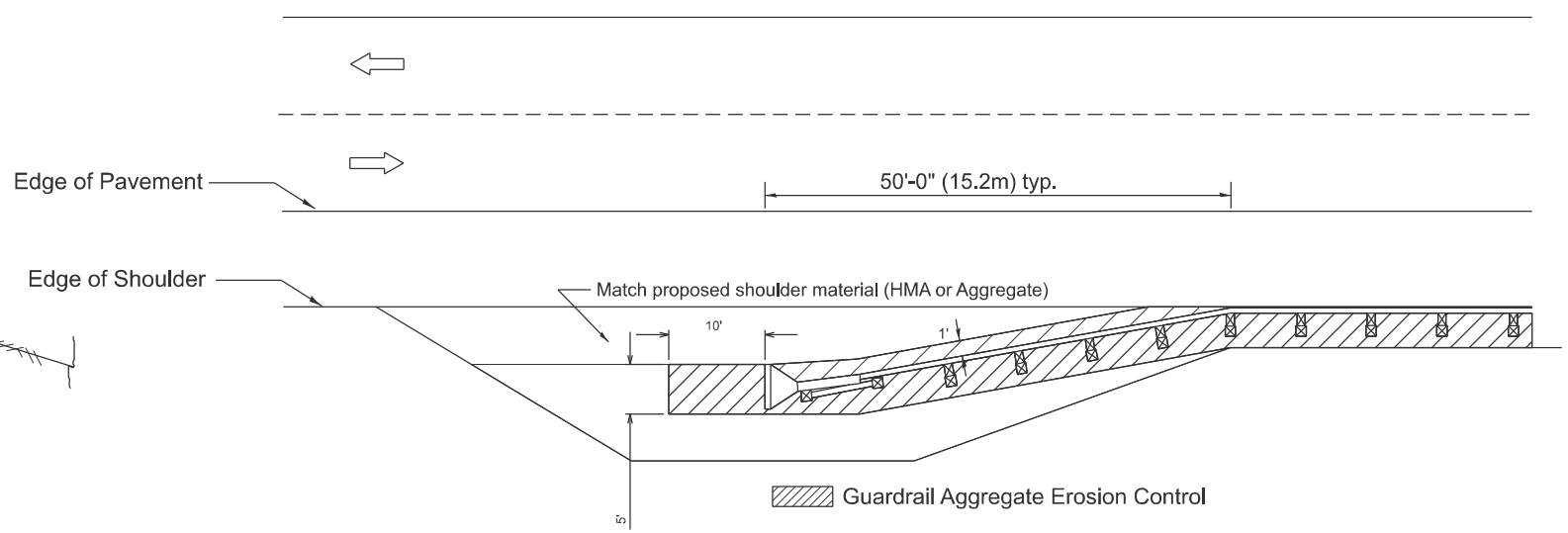
TYPICAL SECTION WITH COMBINATION CONCRETE CURB & GUTTER



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

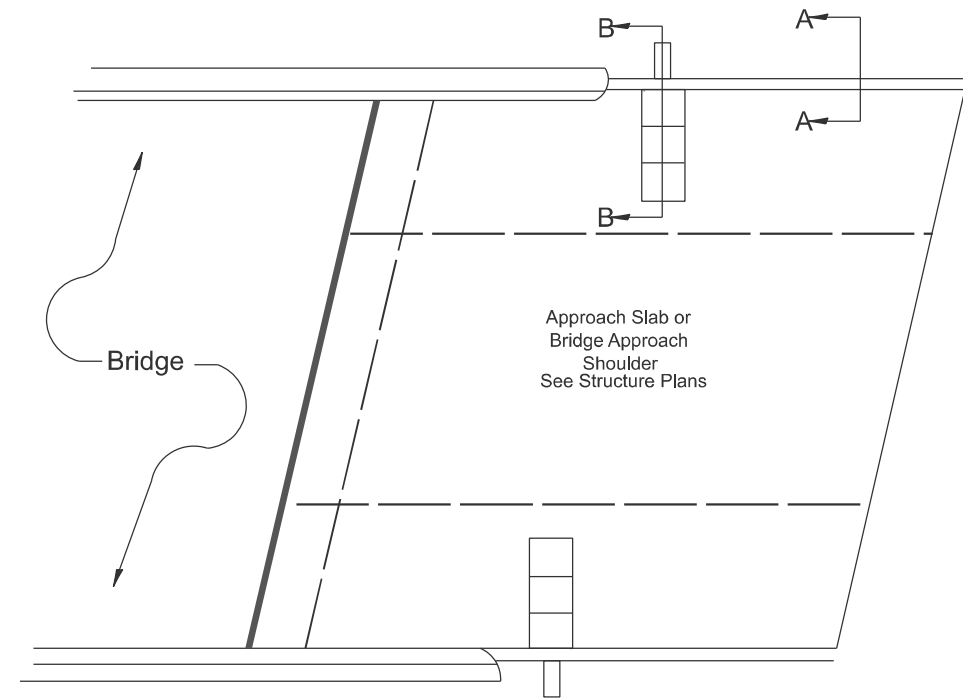
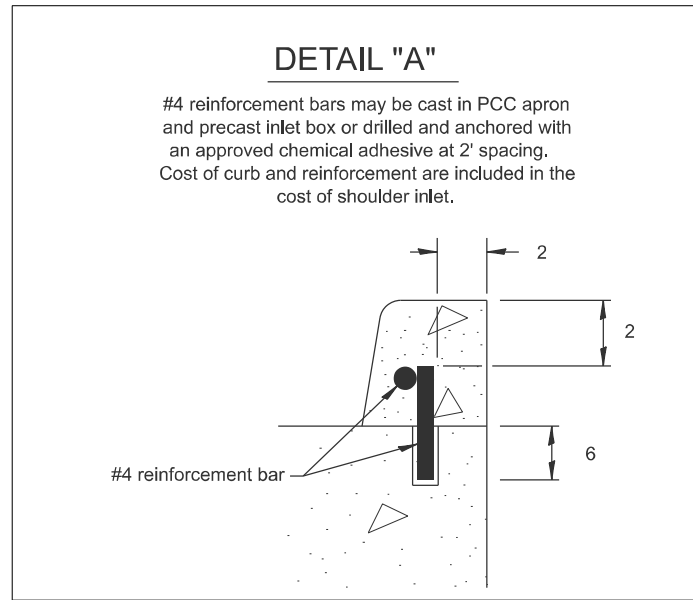
GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12 minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
 - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
 - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.

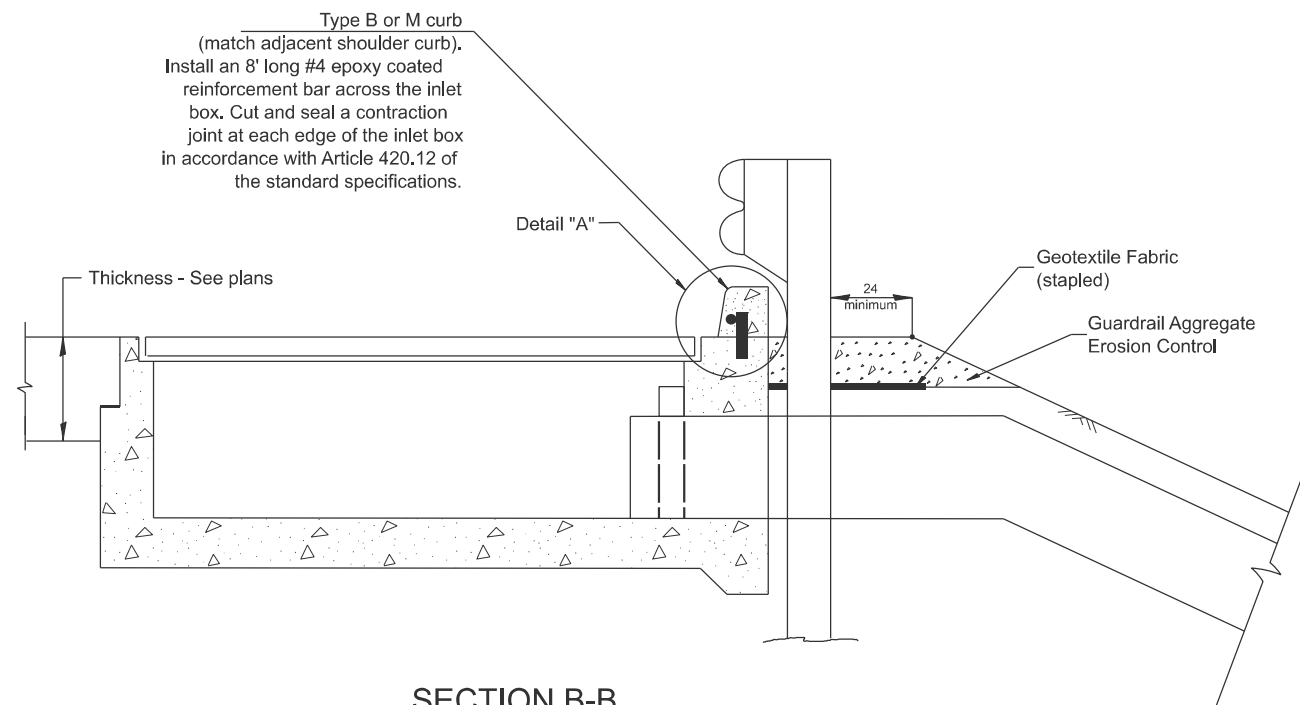


All dimensions are in inches unless otherwise noted.

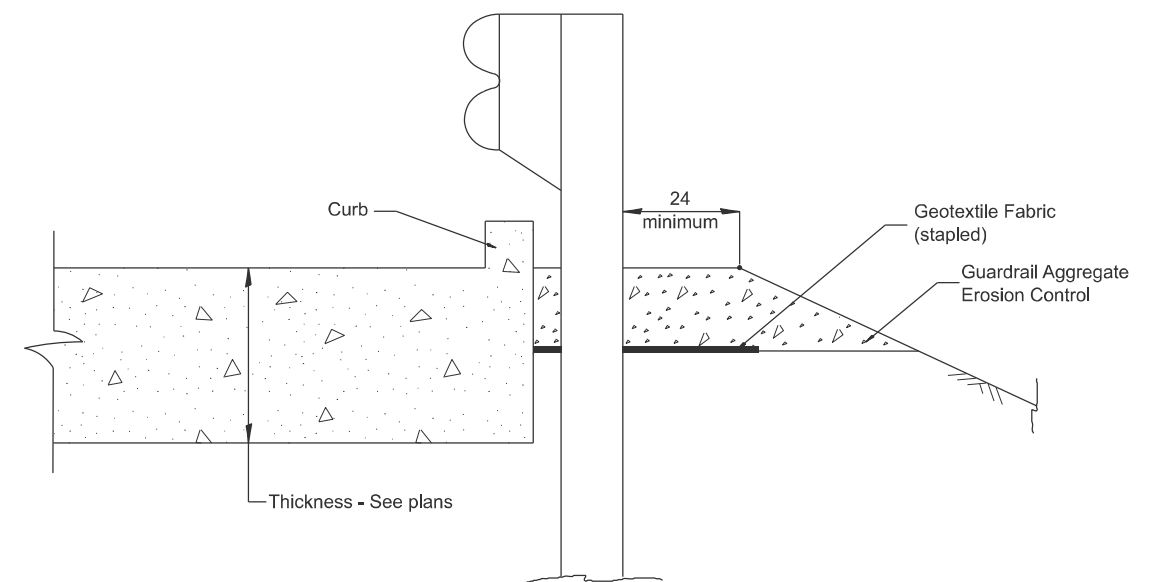
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	DRAWN -	REVISED -									
	CHECKED -	REVISED -		SCALE: NOT TO SCALE SHEET 0001 OF 2 SHEETS STA. TO STA.			DISTRICT 4 DETAIL NO. 630101		CONTRACT NO.		
PLOT DATE = 1/9/2026	DATE -	REVISED -					ILLINOIS		FED. AID PROJECT		



PLAN VIEW
APPROACH SLAB OR SHOULDER PLACEMENT



SECTION B-B
TYPICAL SECTION AT INLETS
TYPE E, F & G (HIGHWAY STANDARD 610001)



SECTION A-A
TYPICAL SECTION WITH BRIDGE APPROACH CURB

All dimensions are in inches unless otherwise noted.

MODEL: D4-630101-02
FILE NAME: X:\Projects\Current\132-1215 IDOT D4 PTB216-036 W03 US 24\PS&E\Prefinal PSE Review\D4-630101.dgn

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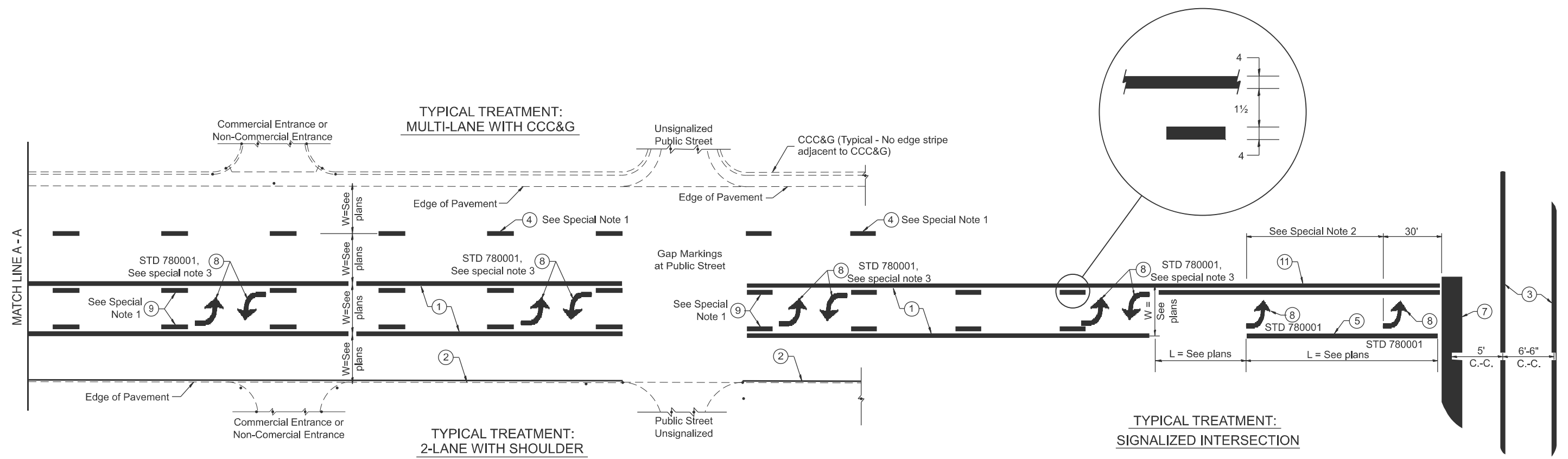
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL EROSION CONTROL TREATMENTS

SCALE: NOT TO SCALE SHEET 0002 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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DISTRICT 4 DETAIL NO. 630101		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

MODEL: D4-780001-01_1_Include State Standard 780001 (Typical Pavement Markings)
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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 6 Solid (White) for rural resurfacing
- ③ 2-6 Crosswalk @ 6'-6" min C.-C. (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 8 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)
- 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 33'.

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)

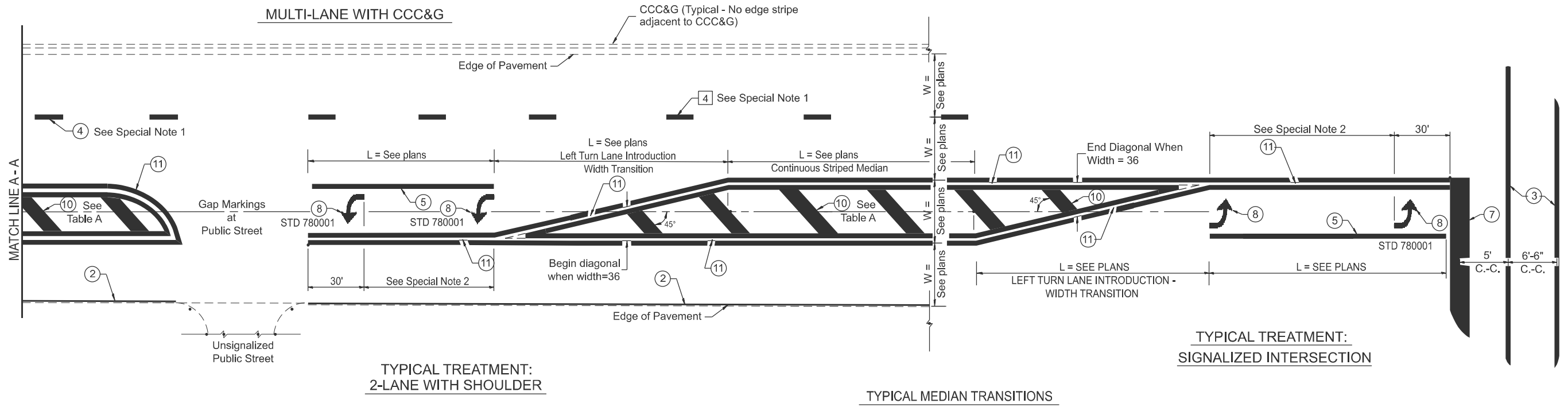
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/2/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS

SCALE: NOT TO SCALE SHEET 000 OF 2 SHEETS STA. TO STA.

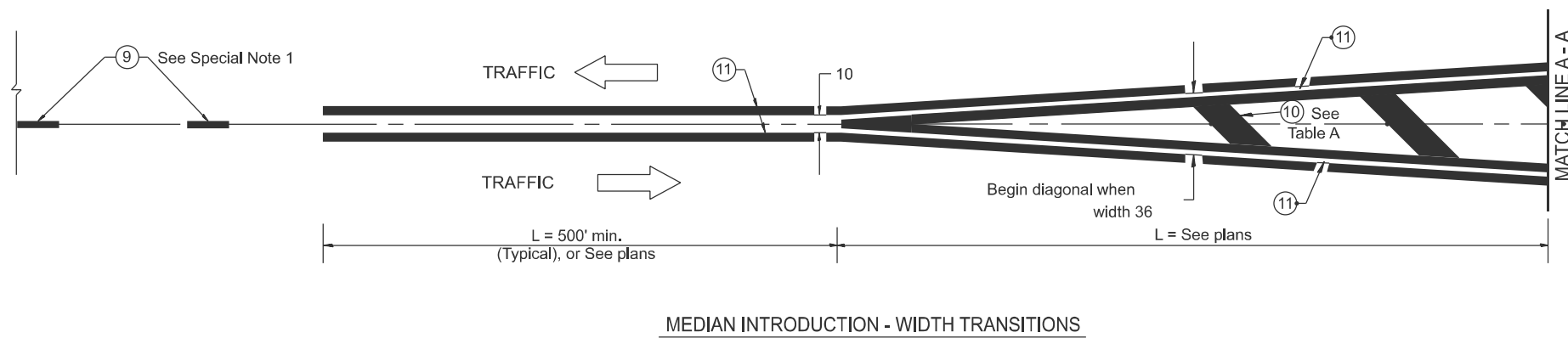
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				0
DISTRICT 4 DETAIL NO. 780001			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



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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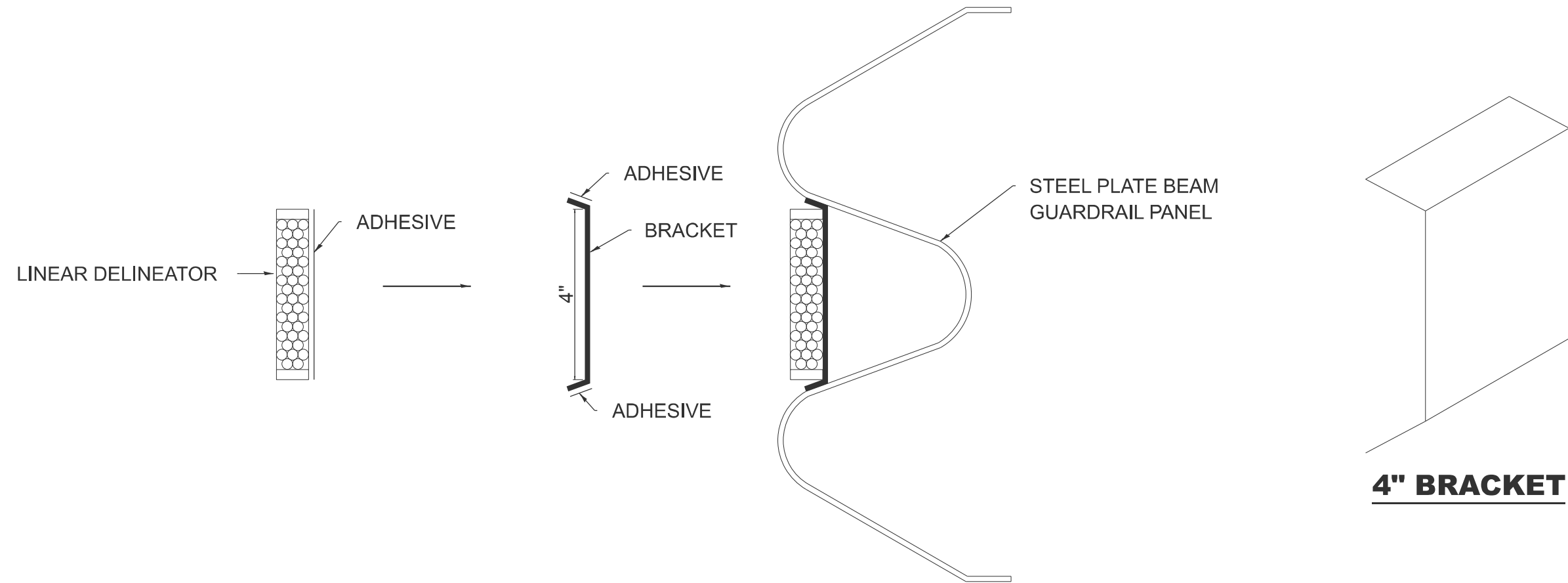
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/12/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS

SCALE: NOT TO SCALE SHEET 002 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				0
DISTRICT 4 DETAIL NO. 780001		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



LINEAR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL

LINEAR DELINEATOR SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS

MODEL: D4-635003
 FILE NAME: c:\p\work\pvt\illinois.gov\thomas.cox\illinois.gov\td\055944\D4-635003.dgn

USER NAME = thomas.cox	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 9/23/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: NOT TO SCALE SHEET 000 OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				0
DISTRICT 4 DETAIL NO. 635003		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				