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HIGHWAY STANDARDS

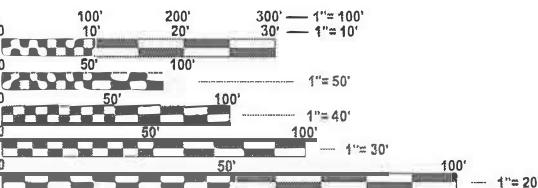
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280001-07	630301-09	701006-05	701901-10
420001-10	631031-18	701011-04	780001-05
420406	631033-09	701201-05	781001-04
442201-03	635001-02	701301-04	782006-01
482001-02	642001-03	701306-04	

D4 CADD STANDARDS

406101 D4	630011 D4
630101 D4	780001 D4

FUNCTIONAL CLASSIFICATION
RURAL MINOR ARTERIAL

2023 ADT: 3000 (IL 78/97)	2023 ADT: 2150 (US 136)
SU:5.3%	SU:7.0%
MU:8.3%	MU:22.0%



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.

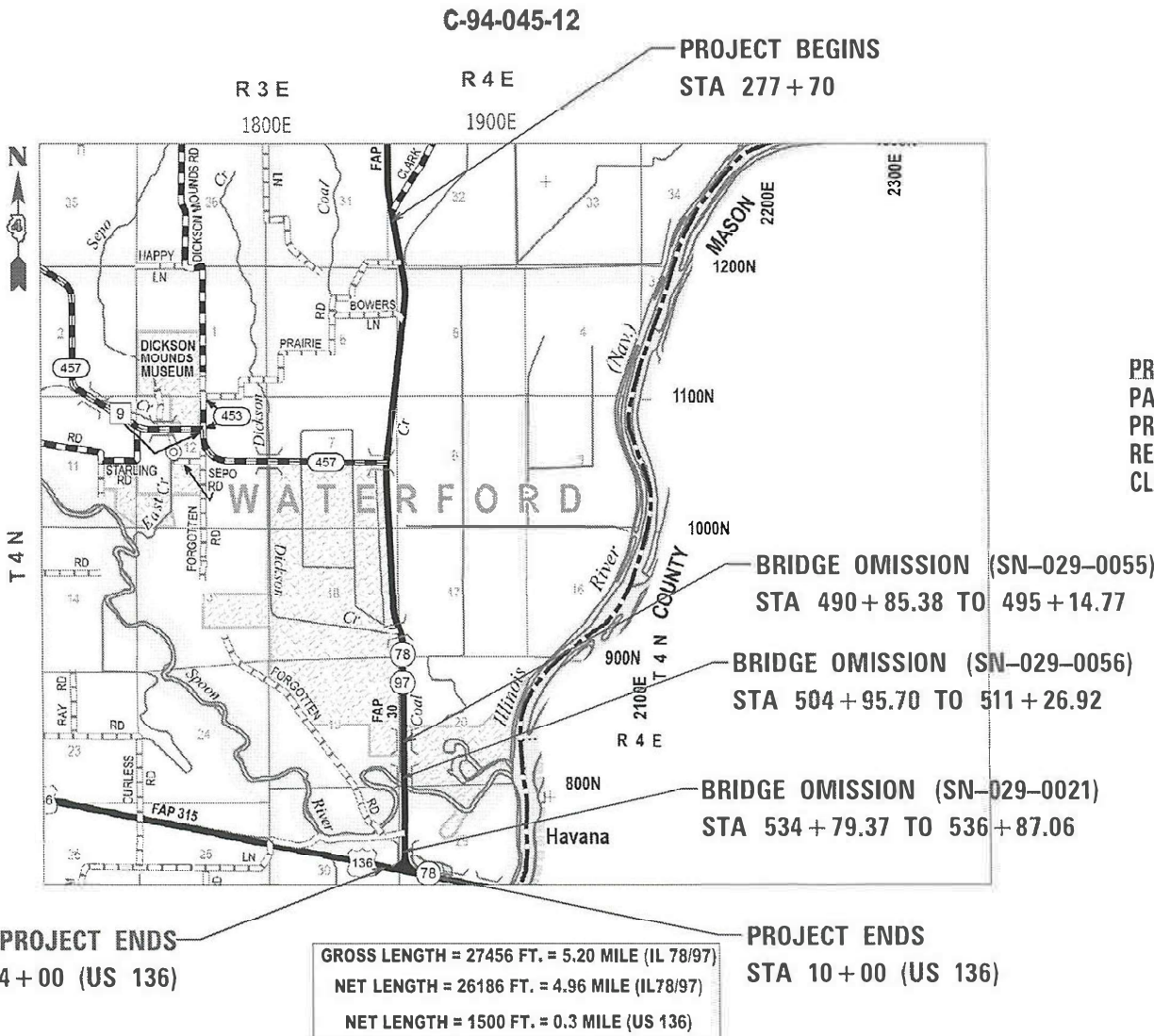
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: REBECCA MARRUFFO (309)-671-3454
PROJECT MANAGER: AARON L. GREIFZU (309)-671-3474
CATALOG NO. 034760-00D
CONTRACT NO. 68A86

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAP 30 (IL 78/97) ; FAP 315 (US 136)
SECTION (137X)RS-5;138RS-4;139RS-3
PROJECT HSIP-NHPP-STP-D9E1(171)
DESIGNED OVERLAY
FULTON COUNTY



GROSS LENGTH = 27456 FT. = 5.20 MILE (IL 78/97)
NET LENGTH = 26186 FT. = 4.96 MILE (IL78/97)
NET LENGTH = 1500 FT. = 0.3 MILE (US 136)

F.A.P. R.T.C.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30:315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	1
ILLINOIS CONTRACT NO. 68A86				

D-94-032-12



PROJECT DESCRIPTION: IMPROVEMENTS INCLUDE DESIGNED OVERLAY, PATCHING, REMOVAL/REPLACEMENT OF CABLE/GUARDRAIL, PROPOSED HMA SHOULDERS, PAVEMENT MARKINGS, AND OTHER RELATED COLLATERAL WORK ON IL 78/97 BETWEEN CLARK RD TO SOUTH OF THE US136 INTERCHANGE.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 21 2025
Paul C. Jones REGIONAL ENGINEER

May 9 2025
Scott A. Etkin ENGINEER OF DESIGN AND ENVIRONMENT

May 9 2025
Harry DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

MODEL: General Notes (Sheet) 1
FILE NAME: c:\pwwork\pwwork\shilpa.mandapuram@illinois.gov\0985402\0468A66-shr-GenNote.dgn

AVAILABILITY OF ELECTRONIC FILES

ORD 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.

PLAN ELEVATIONS – U.S.G.S. MEAN SEA LEVEL DATUM

Use one of the following two options.

1. All elevations shown on the plans are established from U.S.G.S. mean sea level datum.
2. All elevations shown refer to U.S.G.S. datum at mean sea level unless otherwise noted.

EARTH EXCAVATION – INCIDENTAL TO CURB, GUTTER, & DRIVEWAY

Earth excavation and backfill for proposed curb and gutters and driveway pavements shall be included in the unit cost of the various items.

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.

AGGREGATE (DESCRIPTION), 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.

AGGREGATE FOR DRIVEWAY REPLACEMENT

The material used for construction of permanent aggregate driveways shall be gravel or crushed stone, as directed by the Engineer, to replace in kind the existing aggregate driveways.

No additional compensation shall be provided for this requirement but shall be considered as included in the cost of the pay item for the aggregate as specified on the plans.

PAVEMENT STATIONING NUMBERS & PLACEMENT

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 3/4 inch (20 mm) wide, 5 inches (125 mm) high and 5/8 inch (15 mm) deep.

The pavement station numbers shall be installed as specified herein:

Interval – 200 feet (English stationing) or 100 meters (metric stationing)

Bottom of Numbers – 6 inches (150 mm) from the inside edge of the pavement marking

- Location:
- 2, 3, & 5 Lane Pavements – right edge of pavement in direction of increasing stations
 - Multi-Lane Divided Roadways – outside edge of pavement in both directions
 - Ramps – along baseline edge of pavement

Position – stations shall be placed so they can be read from the adjacent shoulder

Format – English (Metric) pavement stations shall use this format “XXX (XX + X00)”, where X represents the pavement station

This work will not be paid for separately, but will be included in the cost of the associated pavement and/or overlay pay items.

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

BUTT JOINT CUTTING TIME RESTRICTION

Butt joints shall not be milled more than three (3) days prior to placement of the HMA surface course.

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.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

LOCATION(S)	Mainline	Mainline	Shoulder	Shoulder	Patching /Shoulders	Incidental
Mixture Use(s):	Polymer Surface 2.0”	Polymer Binder 1.75”	Polymer Shoulder Surface 2.0”	Polymer Shoulder Binder 1.75”	Class D Patching / HMA Shoulder (Lower Lifts 6”)	Incidental Surface
ACPC:	SBS or SBR 70–28	SBS or SBR 70–28	SBS or SBR 70–28	SBS or SBR 70–28	PG 58–22	PG 58–22
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
Mixture Composition: (Gradation Mixture):	IL 9.5	IL 9.5	IL 9.5	IL 9.5	IL 19.0	IL 9.5
Friction Aggregate:	Mix D	N.A.	Mix D	N.A	N.A	Mix C
Quality Management:	PFP	PFP	QCQA	QCQA	QCQA	QCQA
Material Transfer Device:	Yes	Yes	Yes	Yes	No	No

Notes:
1) Individual lift thicknesses of each mix type will be no less than three (3) times nominal maximum aggregate size and no more than six (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 1,000 tons, unless otherwise agreed to by the Engineer and the paving Contractor.

SAW CUT – 18” (450 mm) SHOULDER REMOVAL – IN-PLACE WHEEL SAW GRINDING PERMITTED

A full depth saw cut shall be required at the joint between the pavement that is to be left in place and the existing shoulder that is to be removed. The Contractor may have the option of using a wheel saw to grind up the existing shoulder and leave the finely ground pieces on site under the new shoulder and on the foreslope, with the approval of the Engineer. Maximum size of pieces shall be no more than 3” (75 mm). Larger pieces shall be picked up/removed from the jobsite. No additional compensation will be allowed for variations in assumed thickness. This work shall not be paid for separately, but shall be included in the cost of the removal items.

ADDITIONAL SUPPLEMENTAL TRAFFIC CONTROL

The Department reserves the right at any time to add additional Traffic Control Systems or devices within the active contract limits, by means of an additional contract. All terms of Article 105.08 of the Standard Specifications shall be followed by each Contractor.

NO PASSING ZONE VERIFICATION

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

CONTRACTOR COORDINATION:

Coordination as described in 105.08 may be required with ongoing Contract 68H20 for Bridge Preservations.

SPOON RIVER DRIVE WEEKENDS:

No lane closure shall be allowed during Spoon River Drive Weekends in October unless approved by the Engineer.

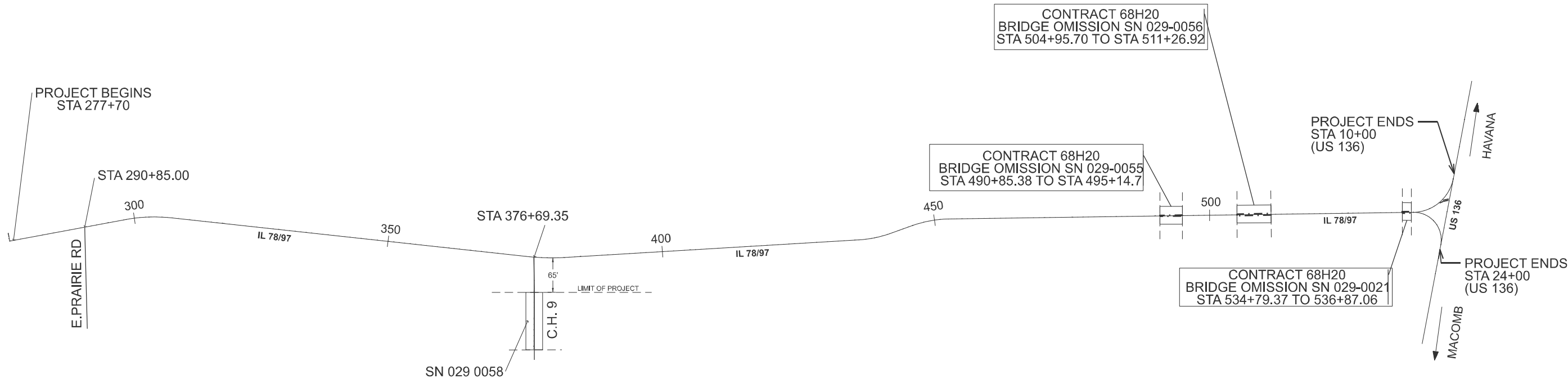
EXCAVATING & GRADING EXISTING SHOULDER /HMA SHOULDERS 6”:

Open trenches for shoulder work will not be allowed overnight and shall be filled in by the Contractor before opening the roadway to traffic.

CABLE ROAD GUARD / GUARDRAIL REMOVAL RESTRICTION:

Cable road guard and guardrail locations shall be replaced within 7 calendar days of their removal. Traffic Control Surveillance shall be required during guardrail replacement and shoulder work at Sta. 376+80 to 388+40 RT.

	USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES				F.A.P RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						30;315	(137X)RS-5;138RS-4;139RS-3		FULTON	65	2
		CHECKED -	REVISED -						CONTRACT NO. 68A86					
	PLOT DATE = 3/20/2025	DATE -	REVISED -		SCALE:				SHEET 1	OF 3 SHEETS	STA.	TO STA.		
													ILLINOIS FED. AID PROJECT	



MODEL: General Notes (Sheet) 2
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		CHECKED -	REVISED -					CONTRACT NO. 68A86				
	PLOT DATE = 3/20/2025	DATE -	REVISED -		SCALE:	SHEET 2	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



Status of Utilities

Name of Utility Company

Ameren Illinois - Gas

Route IL 78 / IL 97 / US 136
Section (137X)RS-5;138RS-4;139RS-3
County Fulton
Contract No. 68A86
Job No. C-94-045-12

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
IL 78	Rt to Lt crossing	Sta. 349+50	6" Buried Gas	Guardrail	Caution
NOTE: Please check all your facilities within the construction limits of this project.					

Note: Contractor to install guardrail posts minimum 18" away from either side of the gas line.

Printed 3/11/2025

D4 PD0100 (Rev. 02/24/10)

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			CHECKED						CONTRACT NO. 68A86				
	PLOT DATE	5/5/2025	DATE			SCALE:	SHEET 3	OF 3	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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				CONSTRUCTION CODE		
				80/20	80/20	90/10
				FED/STATE	FED/STATE	FED/STATE
				STP-RDWY	NHPP-RDWY	HSIP- SAFETY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0005	0021
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	508	32		476
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	110	110		
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	67489	41100	3360	23029
40600405	MATERIAL TRANSFER DEVICE	TON	23331	18668	954	3709
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2779	2279	500	
40600990	TEMPORARY RAMP	SQ YD	371	288	83	
40603205	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	10873	8711	431	1731
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	12582	10081	523	1978
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	93	93		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	93770	90437	3333	
44000400	GUTTER REMOVAL	FOOT	565	565		
44004250	PAVED SHOULDER REMOVAL	SQ YD	6583	1289		5294
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	77	42	35	

USER NAME = Shilpa.Mandapuram		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CHECKED -	REVISED -					CONTRACT NO. 68A86				
PLOT DATE = 3/20/2025		DATE -	REVISED -		SCALE:	SHEET 1	OF 5	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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				CONSTRUCTION CODE		
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				FED/STATE	FED/STATE	FED/STATE
				STP-RDWY	NHPP-RDWY	HSIP-SAFETY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0005	0021
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	397	397		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1004		62	942
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	18270	2390		15880
50105220	PIPE CULVERT REMOVAL	FOOT	10	10		
60500060	REMOVING INLETS	EACH	1	1		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	6750	5350	1400	
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	19876			19876
* 63000054	WEAK POST GUARDRAIL ATTACHED TO CULVERT CASE V	FOOT	42	42		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	16	5		11
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	2			2
63200310	GUARDRAIL REMOVAL	FOOT	11086	9686	1400	
63200400	CABLE ROAD GUARD REMOVAL	FOOT	16196			16196
63500105	DELINEATORS	EACH	19	19		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	45895			45895

*= SPECIALTY ITEM

	USER NAME = Ghada.Zreik	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 3/20/2025	DATE -	REVISED -		SHEET 2	OF 5	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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				FED/STATE	FED/STATE	FED/STATE
				STP-RDWY	NHPP-RDWY	HSIP-SAFETY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0005	0021
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	72	72		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	20	6		14
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	64	64		
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	18595	16845	1750	
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	55362	52562	2800	
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	310	310		
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	340	340		
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	72	72		
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	73	73		
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	18595	16845	1750	
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	55362	52562	2800	
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	310	310		
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	340	340		
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	72	72		

*= SPECIALTY ITEM

	USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	8
		CHECKED -	REVISED -					CONTRACT NO. 68A86				
	PLOT DATE = 3/20/2025	DATE -	REVISED -		SCALE:	SHEET 4	OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: SOQ [Sheet] - 5
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					CONSTRUCTION CODE		
					80/20	80/20	90/10
					FED/STATE	FED/STATE	FED/STATE
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP-RDWY 0005	NHPP-RDWY 0005	HSIP-SAFETY 0021
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	602	583	19	
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	602	583	19	
	X4400196	HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	SQ YD	1546	1469	77	
	X4401196	HOT-MIX ASPHALT SURFACE REMOVAL- LONGITUDINAL JOINT	SQ YD	444	444		
	X4421000	PARTIAL DEPTH PATCHING	TON	875	814	61	
	X4421002	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	2083	1819	264	
*	X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	50	50		
	X6350204	LINEAR DELINEATOR PANELS, 4 INCH	EACH	455	72	18	365
	XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1	0.6	0.1	0.3
Ø	Z0076600	TRAINEES	HOURL	1,000	1,000		
	Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	5485	1105	285	4095
Ø	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURL	1,000	1,000		
	Z0033650	LONGITUDINAL JOINT REPAIR	TON	98	98		

*= SPECIALTY ITEM

Ø 0042

	USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					30,315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	9
		CHECKED -	REVISED -					CONTRACT NO. 68A86				
	PLOT DATE = 3/20/2025	DATE -	REVISED -		SCALE:	SHEET 5	OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MAINLINE & MONOLITHIC SHOULDER (≤ 3') HMA SCHEDULE

LOCATION			TOTAL ROADWAY WIDTH	LENGTH	AREA	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT	POLYMERIZED HOT-MIX ASHPALT BINDER COURSE, IL-9.5, N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TEMPORARY RAMPS	POLYMERIZED BITUMINOUS (TACK COAT)	MATERIAL TRANSFER DEVICE	HOT MIX ASPHALT SHOULDERS,6"		PAVED SHOULDER REMOVAL	EXCAVATING AND GRADING EXISTING SHOULDER
						44000155	X4400196	40600982	40603205	40604160				40600990	40600295		
IL 78/97			FT	FT	SQ FT	SQ YD	SQ YD	SQ YD	TON	TON	SQ YD	LB	TON	LT SQYD	RT SQYD	SQYD	UNIT
STATION	TO	STATION															
277+70.00	-	278+10.00	30	40	1200.00		2.00	133.3		14.93	22.2	96.0	14.93	13.33	13.33	8.89	0.8
278+10.00	-	278+45.00	30	35	1050.00		2.00	116.7	11.43	13.07	19.5	84.0	24.50	11.67	11.67	7.78	0.7
278+45.00	-	371+00.00	30	9255	277650.0	30850.00	514.00		3023.30	3455.20		22212.0	6478.50	3085.00	3085.00	2056.67	185.1
371+00.00	-	388+40.00	Varies	1740	60000.0	6666.67	97.00		653.33	746.67		4800.0	1400.00				
388+40.00	-	490+10.38	30	10170	305111.4	33901.27	565.00		3322.32	3796.94		24408.9	7119.27	3390.13	3390.13	2260.08	203.4
490+10.38	-	490+45.38	30	35	1050.00		2.00	116.7	11.43	13.07	19.5	84.0	24.50	11.67	11.67	7.78	0.7
490+45.38	-	490+85.38	30	40	1200.00		2.00	133.3		14.93	22.2	96.0	14.93	13.33	13.33	8.89	0.8
BRIDGE OMISSION			SN-029-0055 (68H20)														
495+14.77	-	495+54.77	30	40	1200.00		2.00	133.3		14.93	22.2	96.0	14.93	13.33	13.33	8.89	0.8
495+54.77	-	495+89.77	30	35	1050.00		2.00	116.7	11.43	13.07	19.5	84.0	24.50	11.67	11.67	7.78	0.7
495+89.77	-	504+20.70	30	831	24927.90	2769.77	46.00		271.44	310.21		1994.2	581.65	276.98	276.98	184.65	16.6
504+20.70	-	504+55.70	30	35	1050.00		2.00	116.7	11.43	13.07	19.5	84.0	24.50	11.67	11.67	7.78	0.7
504+55.70	-	504+95.70	30	40	1200.00		2.00	133.3		14.93	22.2	96.0	14.93	13.33	13.33	8.89	0.8
BRIDGE OMISSION			SN-029-0056 (68H20)														
511+26.92	-	511+66.92	30	40	1200.00		2.00	133.3		14.93	22.2	96.0	14.93	13.33	13.33	8.89	0.8
511+66.92	-	512+01.92	30	35	1050.00		2.00	116.7	11.43	13.07	19.5	84.0	24.50	11.67	11.67	7.78	0.7
512+01.92	-	534+04.37	30	2202	66073.50	7341.50	122.00		719.47	822.25		5285.9	1541.72	734.15	734.15	489.43	44.0
534+04.37	-	534+39.37	30	35	1050.00		2.00	116.7	11.43	13.07	19.5	84.0	24.50	11.67	11.67	7.78	0.7
534+39.37	-	534+79.37	30	40	1200.00		2.00	133.3		14.93	22.2	96.0	14.93	13.33	13.33	8.89	0.8
BRIDGE OMISSION			SN-029-0021 (68H20)														
LT@Y		LT@Y															
536+87.06	-	537+27.06	27	40	2980.00		2.00	120.0		37.08	20.0	238.4	37.08		13.33	4.44	0.4
537+27.06	-	537+62.06	27	35	945.00		2.00	105.0	10.29	11.76	17.5	75.6	22.05		11.67	3.89	0.4
537+62.06	-	547+25.00	27	963	25999.38	2888.82	53.00		283.10	323.55		2080.0	606.65		320.98	106.99	9.6
RT@Y		RT@Y															
001+00.00	-	008+86.00	27	786	21222.00	2358.00	44.00		231.08	264.10		1697.8	495.18	262.00		87.33	7.9
EASTERN "Y" SPUR						360.00	0.00		36.00	41.00		29.0	77.00				
GORE @ US 136	013+00.00				2300.00	256.00	0.00		25.04	28.62		184.0	53.67				
	021+00.00				800.00	112.00	0.00		8.71	9.96		64.0	18.67				
US 136																	
010+00.00	-	010+40.00	30	40	1200.00		2.00	133.3		14.93	22.2	96.0	14.93				
010+40.00	-	010+75.00	30	35	1050.00		2.00	116.7	11.43	13.07	19.5	84.0	24.50				
010+75.00	-	023+25.00	30	1250	37500.00	3333.33	69.00		408.33	466.67		3000.0	875.00				
023+25.00	-	023+60.00	30	35	1050.00		2.00	116.7	11.43	13.07	19.5	84.0	24.50				
023+60.00	-	024+00.00	30	40	1200.00		2.00	133.3		14.93	22.2	96.0	14.93				
STP SUB TOTAL						87504.02	1469.00	1725.00	8652.70	10015.34	287.73	41056.00	18668.03				
NHPP SUB TOTAL						3333.00	77.00	500.00	431.20	522.67	83.40	3360.00	953.87				
HSIP SUB TOTAL									1731.00	1978.00		23029.10	3709.00	15880.49		5293.50	476.00
SHEET TOTAL						90837.00	1546.00	2225.00	10815.00	12516.00	371.00	67445.00	23331.00	15880.00		5294.00	476.00

MODEL: Schedule [Sheet] - 1
FILE NAME: c:\paw\work\paw\shilpa.mandapuram@illinois.gov\09854021D468A86-sh-schedule.dgn

PLOT DATE = 3/20/2025	USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	10
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

MODEL: Schedule (Sheet) - 2
FILE NAME: c:\pw_work\kwd\shilpa.mandapuram@illinois.gov\0985402\D468A86-sft-schedule.dgn

HMA SHOULDERS SCHEDULE														
Location		LENGTH	HMA SHOULDER WIDTH		AREA	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	PAVED SHOULDER REMOVAL	EXCAVATING AND GRADING EXISTING SHOULDER	POLYMERIZED BITMINOUS MATERIAL (TACK COAT)		HOT MIX ASPHALT SHOULDERS,6"		POLYMERIZED HOT-MIX ASHPALT BINDER COURSE, IL-9.5, N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50
						44000155	44004250	20200600	40600295		48203021		40603205	40604160
IL 78/97		FT	LEFT	RIGHT	SQ YD	SQ YD	SQ YD	UNIT	LEFT	RIGHT	LEFT	RIGHT	TON	TON
FROM STA	TO STA		FT	FT					POUND	POUND	SQ YD	SQ YD		
369+00.00	370+00.00	100	6	6	133	133			48	48			1.45	1.66
370+00.00	376+80.00	680	10	10	1,511	1,511			544	544			16.45	18.80
376+80.00	388+40.00	1,160	10		1,289	1,289			928				14.03	16.04
376+80.00	388+40.00	1,160		8	1,031		1,289	12		742		1,031	11.23	12.83
BRIDGE OMISSION		SN-029-0055 (68H20)												
BRIDGE OMISSION		SN-029-0056 (68H20)												
BRIDGE OMISSION		SN-029-0021 (68H20)												
536+87.06	547+25.00	1,038	6	0	692			10	498	0	692		7.53	8.61
+0.00	10+00.00	1,000	0	6	667			10	0	480		667	7.26	8.30
EASTERN "Y" SPUR									14	14				
SUBTOTALS:						2,933.3	1,289.0	32.0	2,032.2	1,828.4	692.0	1,697.8	57.96	66.24
STP TOTALS:						2,933	1,289	32	3,861		2,390		58.00	66.00

SIDEROAD/ENTRANCE SCHEDULE							
Location		TYPE	SURFACE	POLYMERIZED BITMINOUS MATERIAL (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	AGG. SURFACE COURSE TYPE B
IL 78/97				40600295	40800050	40600982	40200800
STA.				POUND	TON	SQ YD	TON
RT							
STA.	290+75.00	E Prairie Rd	HMA	5.9	12.5	74.6	
STA.	314+38.50	Private Rd	HMA	6.4	13.5	80.6	
STA.	376+69.00	E County Highway 9	HMA	12.4	26.2	156.0	
STA.	444+98.75	Bridge Entrance	CONC/HMA	2.7	5.7	33.7	
STA.	504+46.00	Field Entrance	AGG				9.9
STA.	527+77.30	Field Entrance	AGG				13.6
LT							
STA.	323+18.45	Emiquon Nature Preserve	HMA	5.0	10.5	62.8	
STA.	345+15.73	Emiquon Nature Preserve Entrance	HMA	7.0	14.9	88.4	
STA.	402+67.45	Field Entrance	AGG				13.9
STA.	429+24.20	Field Entrance	AGG				13.6
STA.	456+12.90	Field Entrance	GRASS				18.7
STA.	482+54.83	Norris Farms Pump House Rd	AGG				21.0
STA.	490+38.27	Parking Lot Entrance	AGG				8.5
STA.	511+99.00	Parking Lot Entrance	AGG				10.4
STA.	527+77.30	Parking Lot Entrance	HMA	4.6	9.7	58.0	
SUBTOTALS:				44	93	554	110
STP-TOTALS:				44	93	554	110

JOBSITE SCHEDULE			ROADWAY 005	ROADWAY 005	SAFETY 0021
IL 78/97 & US 136			STP	NHPP	HSIP
CODE	ITEM	UNIT	QTY	QTY	QTY
67100100	MOBILIZATION	L SUM	0.6	0.1	0.3
67000400	ENGINEERS FIELD OFFICE, TYPE A	CAL MO	3.5	0.5	2
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	7	14	0
70100450	TRAFFIC CONTROL AND PROTECTION STD 701201	L SUM	0.6	0.1	0.3
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	0.6	0.1	0.3
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	0.6	0.1	0.3
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	7	0	0
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	0.6	0.1	0.3

PAVEMENT GRAND TOTAL								
LOCATION	EXCAVATING AND GRADING EXISTING SHOULDER	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	PAVED SHOULDER REMOVAL	HOT MIX ASPHALT SHOULDERS,6"	POLYMERIZED BITMINOUS MATERIAL (TACK COAT)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	20200600	44000155	44004250	48203021	40600295	40603205	40604160	40600982
	UNIT	SQ YD	SQ YD	SQ YD	LB	TON	TON	SQ YD
STP	MAIN	87504			41056.00	8653.00	10015.00	1725.00
	ENTRANCE				44.00			554.00
	SHOULDER	32	2933	1289	2390	58.00	66.00	
STP SUBTOTAL		32	90437.00	1289.00	2390.00	41100.00	8711.00	2279.00
HSIP		476		5294	15880	23029	1731	1978
IL78/97 SUBTOTAL		508	90437.00	6583.00	18270.00	64129	10442	12059
NHPP			3333			3360.00	431.00	523.00
US 136 SUBTOTAL			3333			3360	431	523
GRAND TOTAL		508	93770	6583	18270	67489	10873	12582
								2779

USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SCHEDULE OF QUANTITIES		F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -					30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	11
	CHECKED -	REVISED -					CONTRACT NO. 68A86				
	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/20/2025		DATE -	REVISED -	SCALE:		SHEET 2	OF 6	SHEETS	STA.	TO STA.	

MODEL: Schedule Sheet - 3
FILE NAME: c:\paw_work\paw\td\shilpa.mandapuram@illinois.gov\0989402\D468A86-sh-schedule.dgn

GUARDRAIL SCHEDULE																
LOCATION					GUARDRAIL REMOVAL	CABLE ROAD GUARD REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	STEEL PLATE BEAM GUARDRAIL	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	WEAK POST GUARDRAIL ATTACHED TO CULVERT CASE V	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	LINEAR DELINEATOR PANELS, 4 INCH	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL AGGREGATE EROSION CONTROL	
								(SHORT RADIUS)								
IL 78/97 & US 136					63200310	63200400	63100167	X6330725	63100169	63000054	63000003	63000001	X6350204	72501000	Z0001002	
					LENGTH (FT)	FOOT	EACH	FOOT	EACH	FOOT	FOOT	FOOT	EACH	EACH	TON	
					IL 78/97											
RT	STA	311+90.00	TO	312+15.00	25		1.0						173.00	1.0	5.09	
	STA	312+15.00	TO	313+83.00	168				21.0	100.0				20.35		
	STA	313+83.00	TO	314+08.00	25		1.0							1.0	5.09	
	STA	315+00.00	TO	370+00.00		5500.00	1.0			5475.0				1.0	1114.06	
	STA	370+00.00	TO	376+15.00	615					600.0					122.09	
	STA	376+15.00	TO	376+40.00	25		25.0							1.0	5.09	
						C.H.9 Intersection										
	STA	376+76.00	TO	377+01.00	25		25.0						101.0	1.0	5.09	
	STA	377+01.00	TO	388+32.00	1,131					1112.5					226.37	
	STA	388+32.00	TO	444+62.00		5680.00				5675.0					1154.76	
	STA	444+62.00	TO	444+87.00	25			1.0						1.0		
						Break Due to Bridge Entrance										
	STA	445+00.00	TO	445+25.00				1.0					55.0	1.0		
	STA	445+25.00	TO	489+05.26		4,405				4375					890.28	
	STA	489+05.26	TO	489+30.26	25										5.09	
						BRIDGE OMISSION SN-029-0055 (68H20)										
	STA	497+06.96	TO	504+00.00	693							700.00	9.00		141.02	
						BRIDGE OMISSION SN-029-0056(68H20)										
	STA	512+00.00	TO	512+25.00	25		1.0						19.0	1.0	5.09	
	STA	512+25.00	TO	527+15.00	1,490						1500.0				303.19	
	STA	527+15.00	TO	527+40.00	25		1.0						7.0	1.0	5.09	
	STA	528+00.00	TO	528+25.00	25		1.0							1.0		
	STA	528+25.00	TO	532+88.62	464		1.0				475.0			1.0	94.34	
						BRIDGE OMISSION SN-029-0021(68H20)										
	STA	+60.00	TO	8+61.00	801						787.5		10.0		160.24	
	STA	8+61.00	TO	8+86.00	25		1.0							1.0	5.09	
LT	STA	312+78.00	TO	313+03.00	25		1.0						13.0	1.0	5.09	
	STA	313+03.00	TO	314+71.00	168				21.0	100.0					20.35	
	STA	314+71.00	TO	314+96.00	25		1.0							1.0	5.09	
	STA	482+70.00	TO	482+95.00	25		1.0							1.0	5.09	
	STA	482+95.00	TO	488+80.26		610				600					122.14	
	STA	488+80.26	TO	489+75.00	95					100					20.35	
	STA	489+75.00	TO	490+00.00	25		1.0						1.0			
						BRIDGE OMISSION SN-029-0055 (68H20)										
	STA	497+06.91	TO	504+00.00	693							700.00	9.0		141.03	
	STA	504+00.00	TO	504+25.00	25		1.0							1.0	5.09	
						BRIDGE OMISSION SN-029-0056(68H20)										
	STA	512+00.00	TO	512+25.00	25		1.0						21.0	1.0	5.09	
	STA	512+25.00	TO	527+15.00	1,490						1500.0				303.19	
	STA	527+15.00	TO	527+40.00	25		1.0							1.0	5.09	
	STA	528+00.00	TO	532+88.58	489						475.0		7.0		96.65	
						BRIDGE OMISSION SN-029-0021(68H20)										
	STA	537+60.00	TO	547+00.00	940						950.0		13.0		193.31	
STA	547+00.00	TO	547+25.00	25		1.0						1.0		5.09		
LT	STA	10+00.00	TO	24+00.00	1,400			US 136						18.0		284.87
												1,400				
STP-SUB TOTAL							5.0	50.0		42.0		5350.0	72.0	6.0	1105.00	
NHPP-SUB TOTAL												1400.0	18.0		285.00	
HSIP-SUB TOTAL						16196.0	11.0		2.0		19876		365.0	14.0	4095.0	
GRAND TOTAL					11086.0	16196.0	16.0	50.0	2.0	42.0	19876	6750	455.0	20.0	5485.0	

USER NAME	= Shilpa.Mandapuram
PLOT DATE	= 3/20/2025

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	12
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

MODEL: Schedule [Sheet] -4
FILE NAME: c:\paw_work\pwtolshilpa.mandapuram@illinois.gov\0985402\0468A86-sh-schedule.dgn

PARTIAL DEPTH PATCHING SCHEDULE						
LOCATION	WIDTH	LENGTH			X4421000	X4421002
			IL 78/97		4" PARTIAL DEPTH PATCHING	4" PARTIAL DEPTH PATCHING
	FOOT	FOOT	NB	SB	TON	SQ YD
	13	4	1	0	1.3	5.8
	13	6	13	8	40.0	8.7
	13	8	5	14	48.3	11.6
	13	10	3	0	9.5	14.4
	13	12	2	6	30.5	17.3
	6.5	15	0	1	2.4	10.8
	13	15	4	1	23.8	21.7
	6.5	20	4	3	22.2	14.4
	13	20	2	3	31.8	28.9
	6.5	25	0	1	4.0	18.1
	13	25	0	1	7.9	36.1
	6.5	30	0	3	14.3	21.7
	13	30	3	1	38.1	43.3
	6.5	40	6	8	89.0	28.9
	13	40	1	1	25.4	57.8
	6.5	50	0	1	7.9	36.1
	13	50	0	1	15.9	72.2
	6.5	60	2	1	28.6	43.3
	13	60	2	0	38.1	86.7
	6.5	80	1	0	12.7	57.8
	13	80	1	0	25.4	115.6
	6.5	100	0	2	31.8	72.2
	13	100	0	1	31.8	144.4
	6.5	120	1	0	19.1	86.7
	6.5	200	0	1	31.8	144.4
	6.5	260	1	0	41.3	187.8
	6.5	320	1	0	50.8	231.1
"Y" RT	6.5	50	1	1	15.9	36.1
US 136						
US 136	FOOT	FOOT	EB	WB	TON	SQ YD
	20	12	1	0	5.9	26.7
	10	12	1	1	5.9	13.3
	100	12	0	1	29.3	133.3
	100	6	0	1	14.7	66.7
	STP SUBTOTAL				814.0	1819.0
10%	NHPP SUBTOTAL				61.0	264.0
	TOTAL				875.0	2083.0

IL78/97	CLASS D PATCHES 13 INCH				44201803	44201809
	TYPE	LENGTH FT	WIDTH FT	AREA	TYPE II	TYPE IV
				SQ.YD	SQ.YD	SQ.YD
NorthBound						
	Full depth	50	6.5	36.11		36.11
	Full Depth	10	13	14.44	14.44	
"Y"	Full Depth	100	13	144.44		144.44
SouthBound						
	Full depth	50	6.5	36.11		36.11
	Full Depth	60	6.5	43.33		
	Full Depth	100	13	144.44		
	Full Depth	20	6.5	14.44	14.44	
	Full Depth	6	13	8.67	8.67	
"Y"	Full Depth	100	13	144.44		144.44
US 136 WB						
US 136	Full Depth	6	12	8.00	8.00	
	Full Depth	6	12	8.00	8.00	
	Full Depth	6	12	8.00	8.00	
	Full Depth	6	12	8.00	8.00	
Winter Break Up 10%	STP SUBTOTAL				41.3	361.11
	NHPP SUBTOTAL				35.2	
	TOTAL				77.00	397.00

IL 78/97 LONGITUDINAL JOINT REPAIR				
NORTHBOUND	CENTER LINE	SOUTHBOUND	Z0033650	X4401196
RIGHT TURN LANE		LEFT TURN LANE	LONGITUDINAL JOINT REPAIR	HOT-MIX ASPHALT SURFACE REMOVAL- LONGITUDINAL JOINT
FOOT	FOOT	FOOT	TON	SQ YD
200			14.7	66.7
		50	3.7	16.7
	120		8.8	40.0
	160		11.7	53.3
	500		36.7	166.7
	50		3.7	16.7
	80		5.9	26.7
	50		3.7	16.7
SUBTOTAL			88.7	403.33
10%	STP TOTAL		98.00	444.00

MODEL: Schedule [Sheet] - 5
FILE NAME: c:\pw_work\pwtd\shilpa.mandapuram@illinois.gov\0985402\0468A86-sh-schedule.dgn

SHORT TERM PAVEMENT MARKINGS								
LOCATION				LENGTH	# APPLICATIONS	70300100		70300150
						*SHORT TERM PAVEMENT MARKING		**SHORT TERM PAVEMENT MARKING REMOVAL
				FT		FT	FT	SQ. FT.
IL 78/97								
STA.	277+70.0	TO	370+00.0	9230.00	3.00	2772.0		924.0
STA.	370+00.0	TO	388+40.0	1840.00	3.00		108.0	36.0
STA.	388+40.0	TO	431+86.0	4346.00	3.00	1308.0		436.0
STA.	431+86.0	TO	439+00.0	714.00	3.00	216.0		72.0
STA.	439+00.0	TO	441+78.0	278.00	3.00	84.0		28.0
STA.	441+78.0	TO	449+80.0	802.00	3.00	240.0		80.0
STA.	449+80.0	TO	491+00.0	4120.00	3.00	1236.0		412.0
BRIDGE OMISSION								
STA.	494+95.3	TO	505+15.5	1020.25	3.00	312.0		104.0
BRIDGE OMISSION								
STA.	511+07.3	TO	534+98.9	2391.63	3.00	720.0		240.0
BRIDGE OMISSION								
STA.	536+67.4	TO	547+25.0	1057.60	3.00		60.0	20.0
STA.	00+00.0	TO	08+86.0	886.00	3.00		48.0	16.0
US 136								
STA.	10+00.0	TO	24+00.0	1400.00	3.00	420.0	84.0	168.0
STP SUBTOTAL						7104.0		2368.0
NHPP SUBTOTAL						504.0		168.0
GRAND TOTAL						7608.0		2536.0

64200116 SHOULDER RUMBLE STRIPS, 16"				
OFFSET	FROM STATION	TO STATION	LENGTH (FT)	SHOULDER RUMBLE STRIPS, 16" (FT)
RT	377+00.00	388+40.00	1,140.00	1,020.00
	000+00.00	010+00.00	1,000.00	1,000.00
LT	377+00.00	388+40.00	1,140.00	1,140.00
	536+67.40	547+25.00	1,057.60	1,057.60
SUBTOTAL				4,217.60
STP TOTAL				4,218.00

RAISED REFLECTIVE PMK AMBER 2 WAY				
IL 78/97			78300200	78100100
FROM STATION	TO STATION	OFFSET	RRPM REMOVAL (EACH)	RAISED REFLECTIVE PMK (EACH)
277+77.00	363+20.69	CL	108	108
363+20.69	369+22.26	CL	9	9
369+22.26	371+22.84	CL	6	6
376+76.57	379+12.27	CL	4	4
386+45.68	391+45.79	CL	14	14
391+45.79	394+00.00	CL	7	7
394+00.00	439+00.00	CL	114	114
439+00.00	450+00.00	CL	29	29
439+00.00	450+00.00	CL	29	29
450+00.00	453+00.00	CL	9	9
453+00.00	460+00.00	CL	19	19
460+00.00	488+72.14	CL	73	73
497+77.45	502+86.94	CL	14	14
513+87.61	532+57.46	CL	48	48
537+77.57	542+64.81	CL	13	13
000+86.43	008+00.00	CL	19	19
371+22.84	376+37.01	CLX2	31	31
379+12.27	386+45.68	CLX2	42	42
US 136				
010+00.00	024+00.00	CL	19	19
NHPP SUBTOTAL			19	19
STP SUBTOTALS			583	583
TOTALS			602	602

64200108 SHOULDER RUMBLE STRIPS, 8"				
OFFSET	FROM STATION	TO STATION	LENGTH (FT)	SHOULDER RUMBLE STRIPS, 8" (FT)
RT	277+70.00	377+00.00	9,930.00	9,675.00
	388+40.00	491+00.00	10,260.00	10,215.00
	494+95.25	505+15.50	1,020.25	962.25
	511+07.25	534+98.88	2,391.63	2,250.63
LT	277+70.00	377+00.00	9,930.00	9,743.20
	388+40.00	491+00.00	10,260.00	9,840.10
	494+95.25	505+15.50	1,020.25	955.25
	511+07.25	534+98.88	2,391.63	2,253.63
	SUBTOTAL			45,895.06
	HSIP TOTAL			45,895.00

	USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	14
		CHECKED -	REVISED -					CONTRACT NO. 68A86				
	PLOT DATE = 3/20/2025	DATE -	REVISED -		SCALE:	SHEET 5	OF 6 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

MODEL - Schedule (Sheet) - 6
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MODIFIED URETHANE PAVEMENT MARKING -SOLID LINE 4"						
78009004				70300221	78011025	
FROM STATION	TO STATION	OFFSET	SOLID LINE 4" (YELLOW) (FT)	SKIPPED LINE 4" -10'/30' (YELLOW) (FT)	TEMPORARY PAVEMENT MARKING (FT)	GROOVING PAVEMENT MARKING 5"(FT)
IL78/97						
277+77.00	363+20.69	CL		2,136	2,136	2,136
363+20.43	369+22.26	CL	602	150	752	752
369+22.26	371+22.84	CL X2	401		401	401
371+22.84	376+37.01	RT X2	1,028		1,028	1,028
376+76.57	379+12.27	CL	236		236	236
379+12.27	386+45.68	LT X2	1,467		1,467	1,467
379+12.27	386+45.68	RT X2	1,467		1,467	1,467
386+45.68	391+45.79	CL X2	1,000		1,000	1,000
391+45.79	439+00.00	CL		1,189	1,189	1,189
391+45.79	394+00.00	CL	254		254	254
439+00.00	450+00.00	CL	1,100	275	1,375	1,375
450+00.00	453+00.00	CL X2	600		600	600
453+00.00	460+00.00	CL	700	175	875	875
460+00.00	488+45.00	CL		711	711	711
497+50.00	502+60.00	CL	510	128	638	638
513+60.00	527+00.00	CL	268		268	268
527+00.00	532+30.00	CL	530	133	663	663
538+14.75	542+64.81	CL X2	900		900	900
000+00.00	008+86.00	CL	886		886	886
US 136						
010+00.00	024+00.00	CL	1,400	350	1,750	1,750
STP TOTAL			16,845		16,845	16,845
NHPP TOTAL			1,750		1,750	1,750
TOTAL			18,595		18,595	18,595

MODIFIED URETHANE PAVEMENT MARKING -DIAGONAL SOLID 12"					
78009012			70300261	78011065	
FROM STATION	TO STATION	OFFSET	DIAG SOLID 12" (YELLOW) (FT)	TEMPORARY PAVEMENT MARKING (FT)	GROOVING PAVEMENT MARKING 13"(FT)
371+22.84	376+37.01	CL	188	188	188
379+12.27	386+45.68	CL	152	152	152
SUB TOTAL			340	340	340
STP TOTAL			340	340	340

MODIFIED URETHANE PAVEMENT MARKING -ISLAND/TURN LN SOLID 8"					
78009008			70300251	78011045	
FROM STATION	TO STATION	OFFSET	ISLAND/TURN LN SOLID 8" (WHITE) (FT)	TEMPORARY PAVEMENT MARKING (FT)	GROOVING PAVEMENT MARKING 9"(FT)
376+25.86	376+59.89	RT	60.2	60.16	60.16
538+19.64	538+83.40	RT	156.2	156.2	156.16
542+64.81	546+03.16	RT	93.240	93.2	93.24
SUBTOTAL			310	310	310
STP TOTAL			310	310	310

MODIFIED URETHANE PAVEMENT MARKING - LINE 6"						
78009006				70300241	78011035	
FROM STATION	TO STATION	OFFSET	SOLID LINE 6" (WHITE) (FT)	SKIPPED LINE 6" -2'/2' (WHITE) (FT)	TEMPORARY PAVEMENT MARKING (FT)	GROOVING PAVEMENT MARKING 7"(FT)
IL78/97						
277+77.00	290+43.00	RT	1,266		1,266	1,266
277+77.00	488+45.00	LT	21,068		21,068	21,068
291+00.00	376+20.43	RT	8,520		8,520	8,520
371+09.21	373+52.48	RT		61	61	61
373+52.48	376+59.99	RT	434		434	434
376+82.09	378+93.51	RT	211		211	211
378+93.51	379+74.01	LT		20	20	20
377+28.97	488+45.00	RT	11,116		11,116	11,116
497+50.00	502+60.00	RT	510		510	510
490+60.10	504+23.91	LT	1,364		1,364	1,364
513+60.00	532+30.00	RT	1,870		1,870	1,870
504+75.15	511+73.00	LT	698		698	698
513+60.00	532+30.00	LT	1,870		1,870	1,870
538+14.75	547+26.01	LT	911		911	911
538+19.64	542+35.96	RT	416		416	416
542+64.81	546+03.16	RT	338		338	338
000+00.00	008+86.00	RT	886		886	886
001+18.90	007+34.00	LT	615		615	615
EASTERN "Y" SPUR		RT	386		386	386
US 136						
010+00.00	024+00.00	RT	1,400		1,400	1,400
010+00.00	024+00.00	LT	1,400		1,400	1,400
STP SUBTOTAL			52,562		52,562	52,562
NHPP SUBTOTAL			2,800		2,800	2,800
TOTAL			55,362		55,362	55,362

MODIFIED URETHANE PAVEMENT MARKING -STOP BAR SOLID 24"				
78009024		70300281	78011125	
STATION LOCATIONS	OFFSET	STOP BAR SOLID 24" (WHITE) (FT)	TEMPORARY PAVEMENT MARKING (FT)	GROOVING PAVEMENT MARKING 25"(FT)
376+88.03	RT	24.00	24.00	24.00
001+75.00	LT	13.00	13.00	13.00
007+56.86	RT	13	13.00	13.00
EASTERN "Y" SPUR	LT	22	22.00	22.00
SUB TOTAL		72.00	72.00	72.00
STP TOTAL		72.00	72.00	72.00

MODIFIED URETHANE PAVEMENT MARKING-LETTERS AND SYMBOLS -TURN ARROWS					
78009000			70300211	78011000	
FROM STATION	TO STATION	OFFSET	TURN ARROWS (WHITE) (SQ.FT)	TEMPORARY PAVEMENT MARKING (SQ.FT)	GROOVING PAVEMENT MARKING (SQ.FT)
373+74.40	373+74.40	RT	15.6	15.6	17.8
375+89.44	375+89.44	RT	15.6	15.6	17.8
377+00.00	377+00.00	LT	15.6	15.6	17.8
379+00.00	379+00.00	LT	15.6	15.6	17.8
SUBTOTAL			64	64	73
STP TOTAL			64	64	73

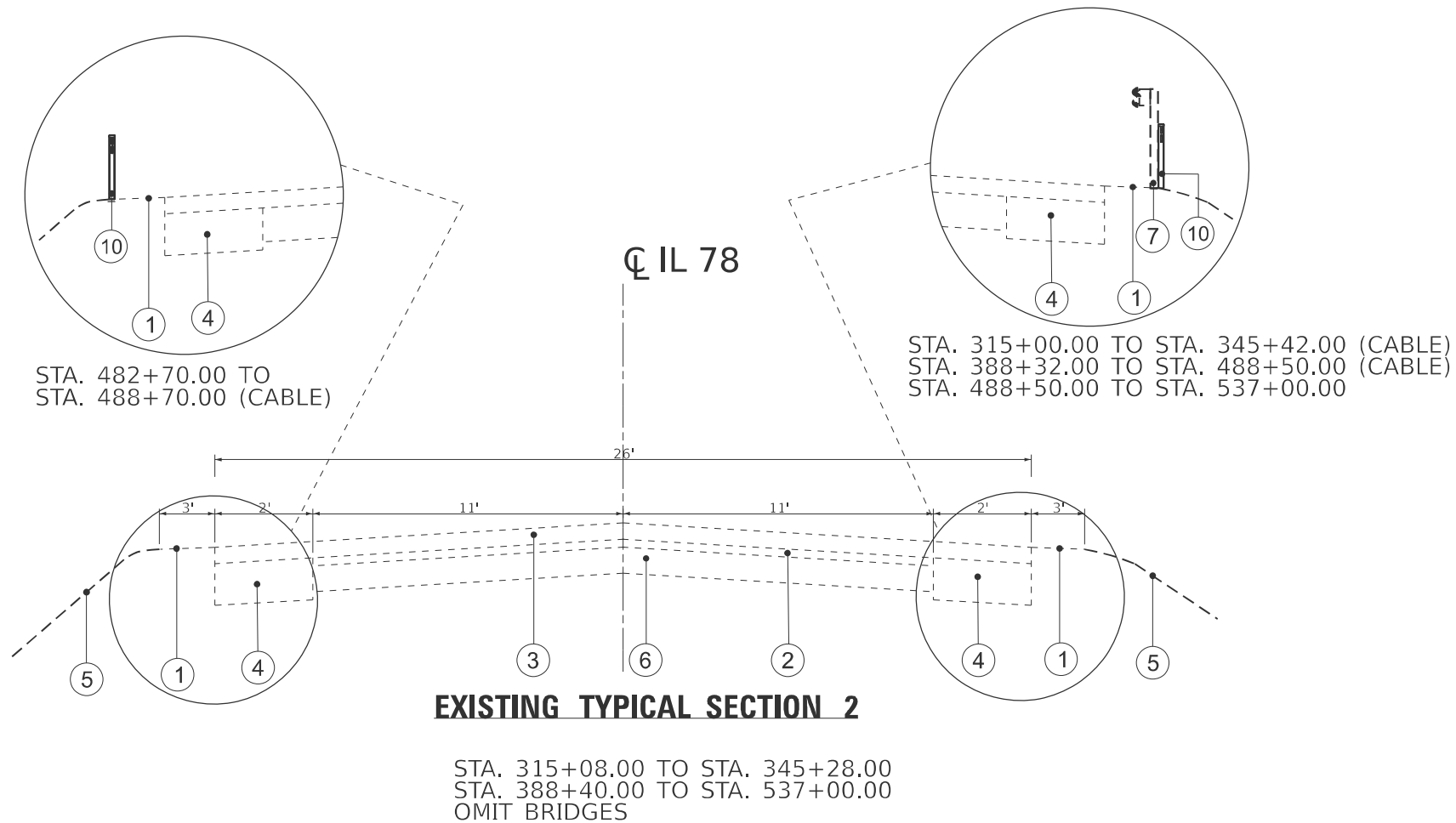
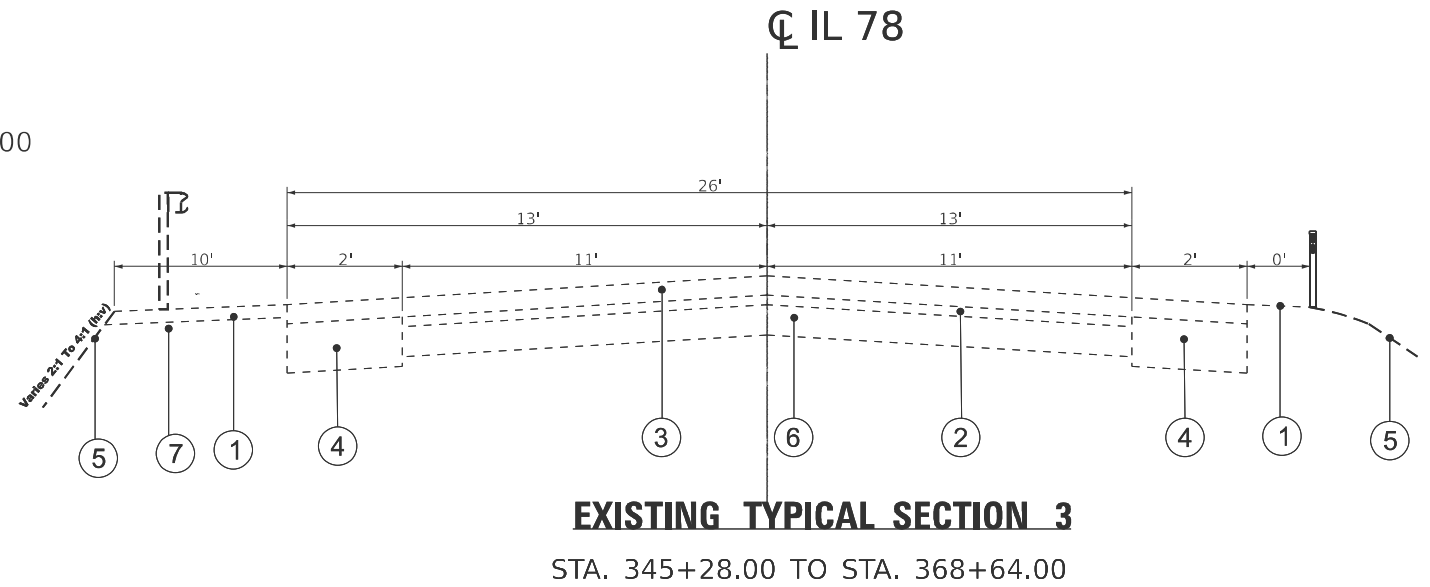
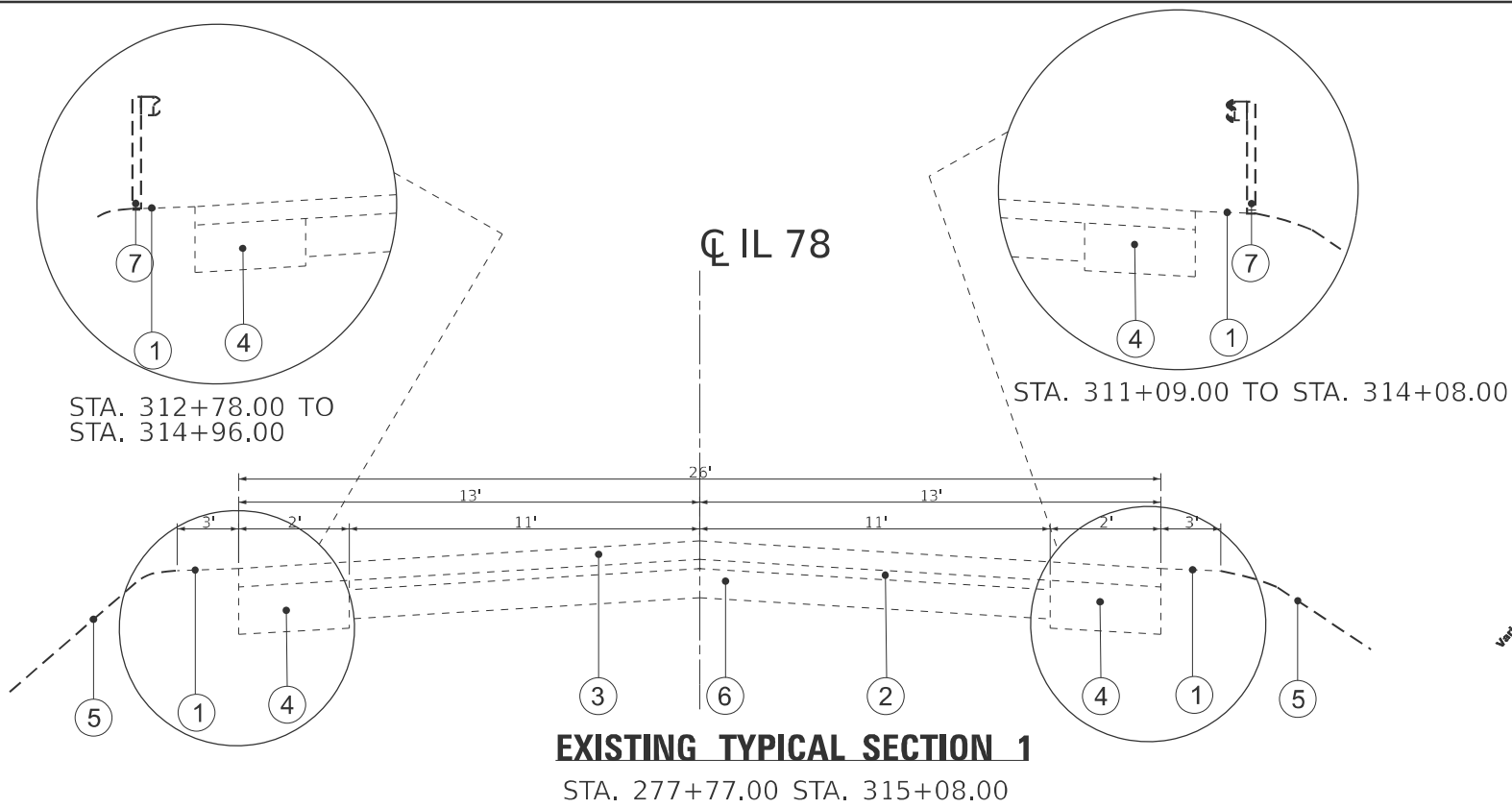
DRAINAGE REMOVALS					
LOCATION	FROM STA.	TO STA.	GUTTER 44000400	PIPE 50105220	INLET 60500060
SIDE			(FT)	FOOT	EACH
LT	542+00.00	547+00.00	500		
RT	5+35.00	6+00.00	65		
RT	5+75.00			10	
RT	5+75.00				1
SUBTOTAL			565	10	1
STP TOTAL			565	10	1

48102100 AGG. WEDGE SHOULDER Typ. B				
OFFSET	FROM STATION	TO STATION	LENGTH (FT)	TON
IL 78/97				
LT	277+70.00	312+78.00	3,508.00	155.37
LT	314+10.00	345+50.00	3,140.00	139.07
LT	371+00.00	482+90.00	11,190.00	495.61
RT	277+70.00	311+90.00	3,420.00	151.47
US 136				
RT	010+00.00	024+00.00	1,400.00	62.01
	HSIP SUBTOTAL			941.52
	NHPP SUBTOTAL			62.01
	TOTAL			1,004.00

DELINEATORS (EACH)			
63500105			
FROM STATION	TO STATION	OFFSET	DELINEATORS (WITH SINGLE REFLECTORS) (EACH)
538+19.64	544+00.00	RT	9
001+18.90	007+32.59	LT	10
TOTAL			19

	USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						30/315	(137X)RS-5;138RS-4;139RS-3		FULTON	65	15
		CHECKED -	REVISED -		CONTRACT NO. 68A86									
	PLOT DATE = 3/20/2025	DATE -	REVISED -		SCALE:	SHEET 6	OF 6	SHEETS	STA.	TO STA.				
					ILLINOIS		FED. AID PROJECT							

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LEGEND

- ① EXISTING AGG. SHOULDERS, TYPE B
- ② EXISTING HMA BINDER COURSE
- ③ EXISTING HMA SURFACE COURSE
- ④ EXISTING HMA BASE COURSE WIDENING
- ⑤ EXISTING GROUND
- ⑥ EXISTING CONCRETE PAVEMENT
- ⑦ STEEL PLATE BEAM GUARDRAIL, TYPE A. 6FT POSTS
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER, TYPE A
- ⑩ EXISTING CABLE BARRIER

USER NAME	= Shilpa.Mandapuram	DESIGNED	-	REVISED	-
DRAWN	-	REVISION	-	REVISION	-
CHECKED	-	REVISION	-	REVISION	-
DATE	-	REVISION	-	REVISION	-

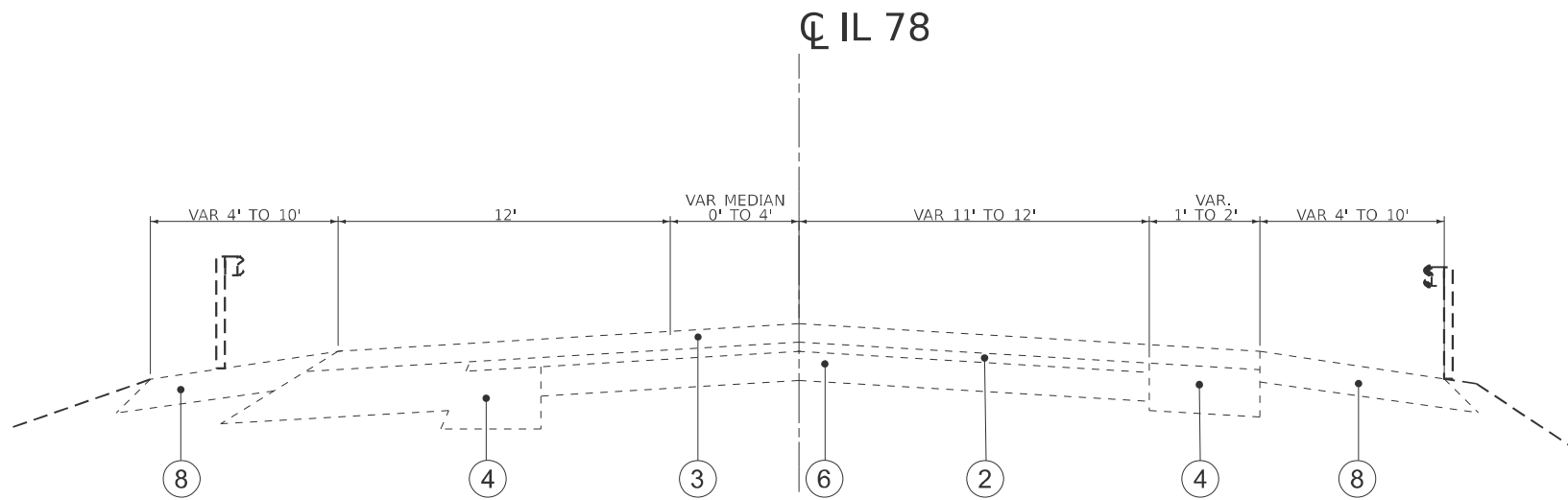
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

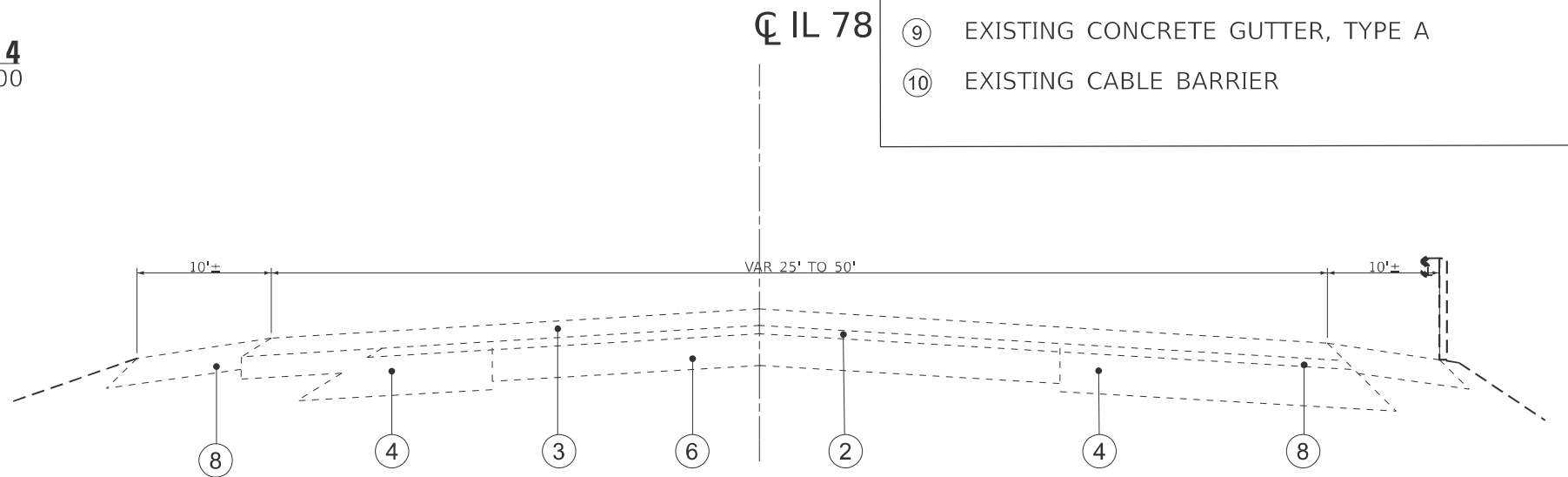
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

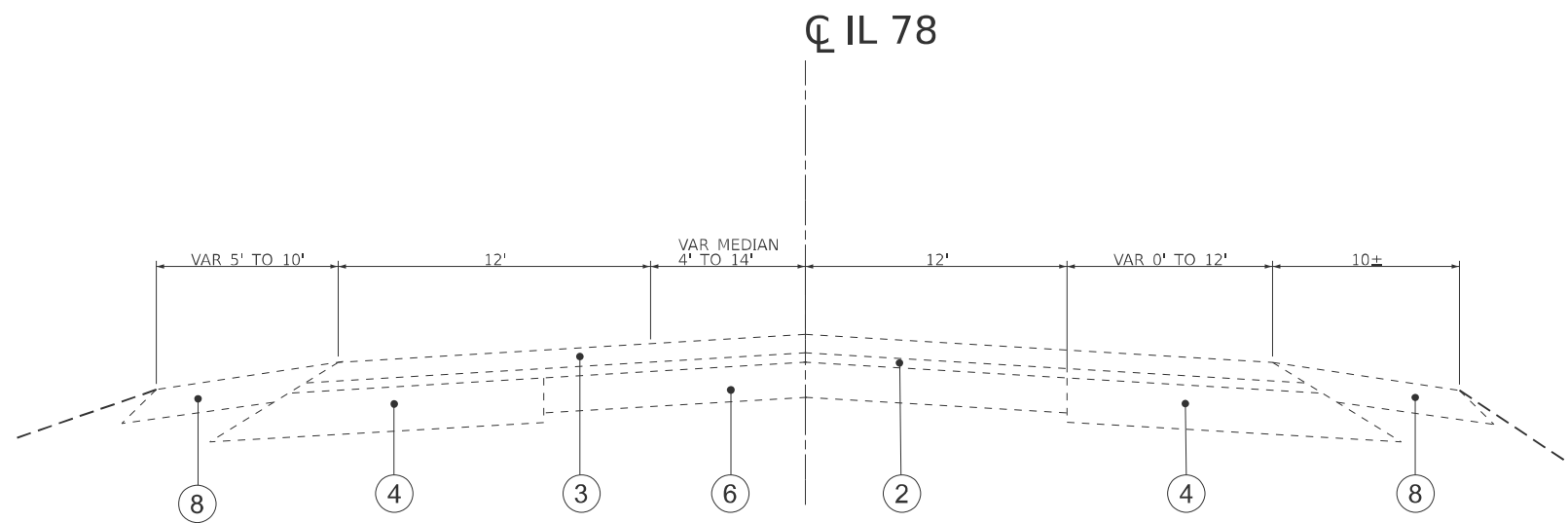
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EXISTING TYPICAL SECTION 4
STA. 368+64.00 TO STA. 371+20.00



EXISTING TYPICAL SECTION 5
STA. 371+20.00 TO STA. 373+35.00



EXISTING TYPICAL SECTION 6
STA. 373+35.00 TO STA. 388+40.00

LEGEND

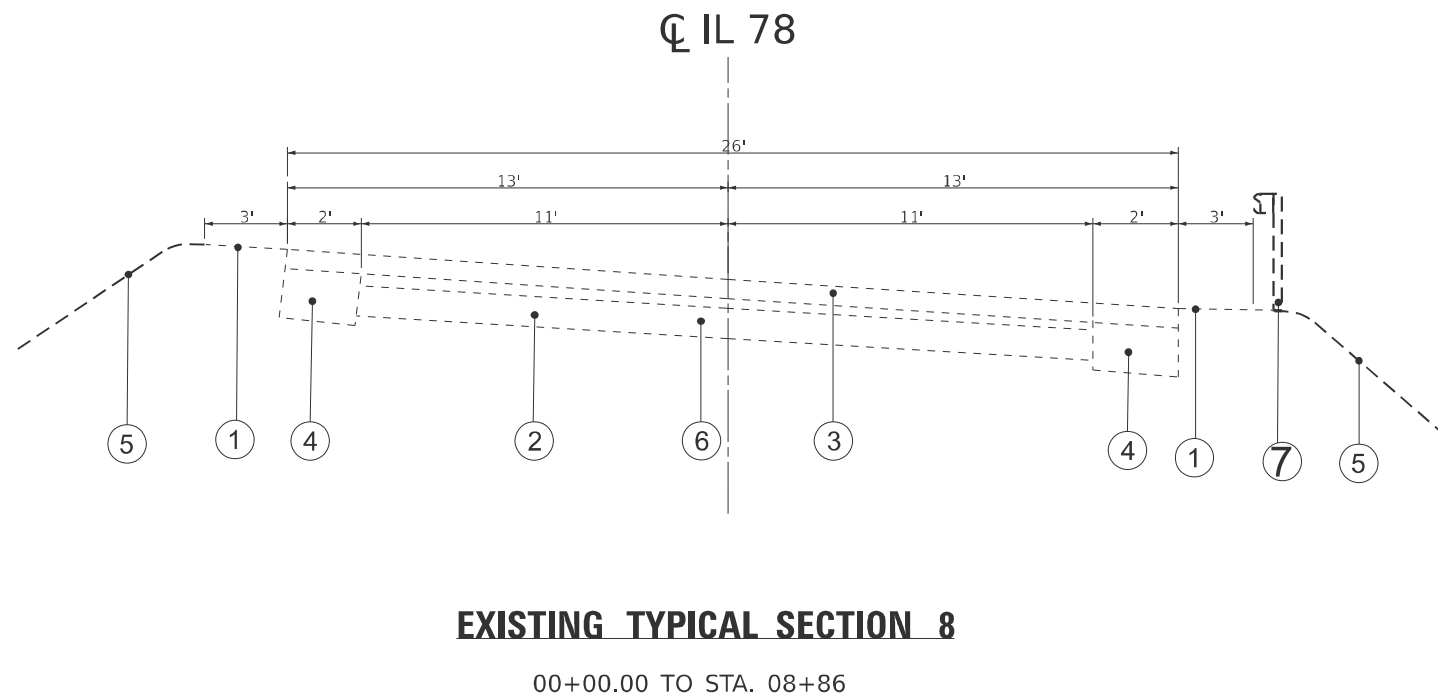
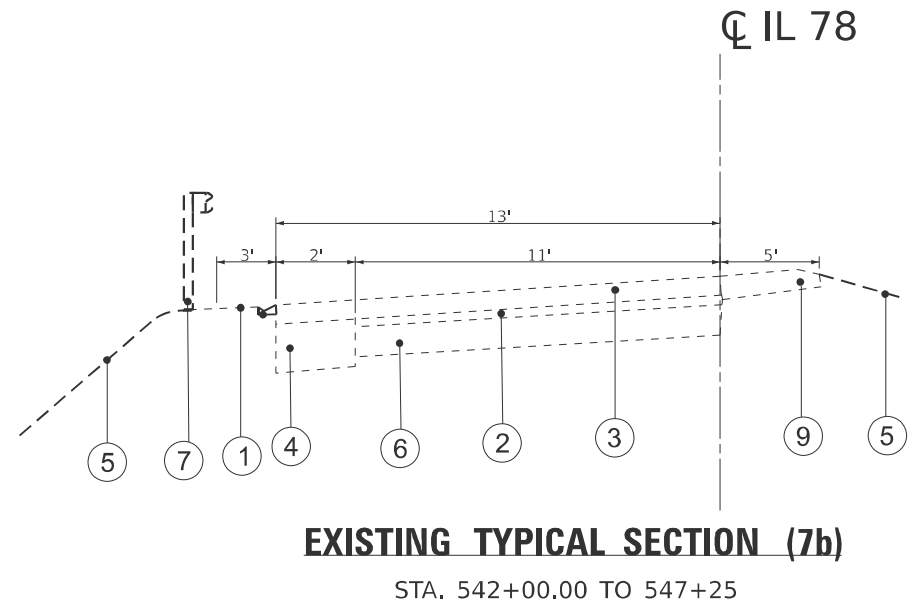
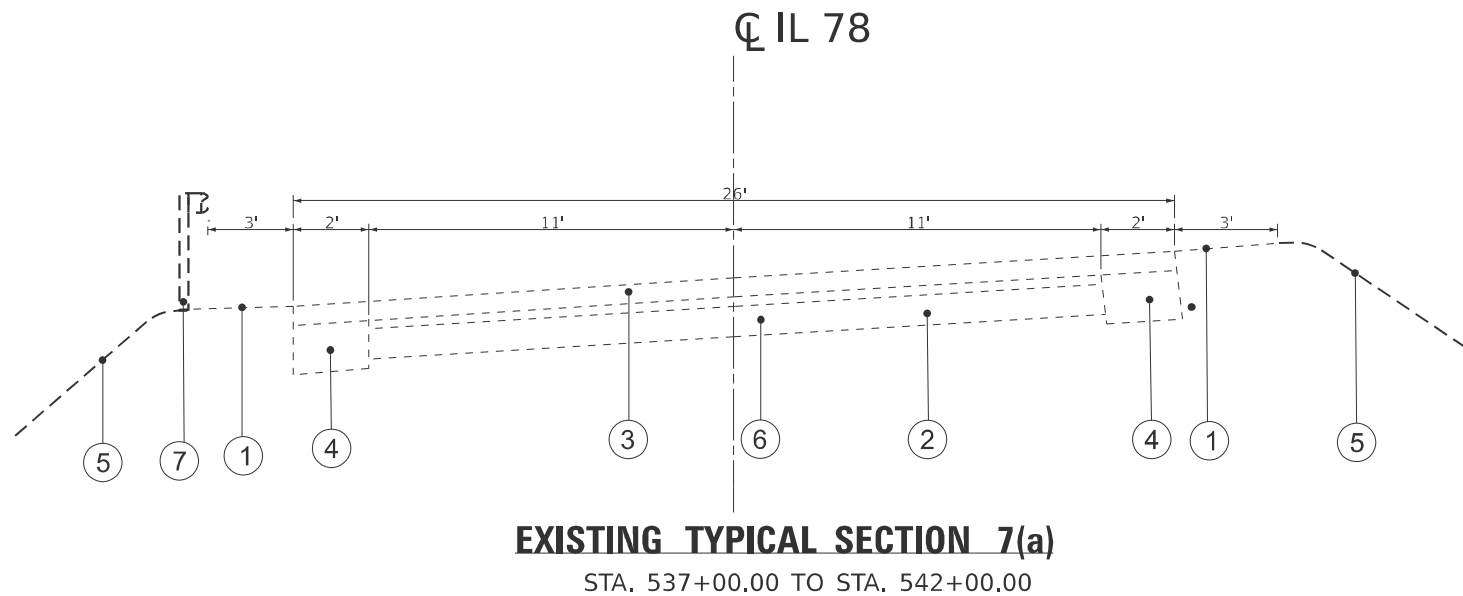
- ① EXISTING AGG. SHOULDERS, TYPE B
- ② EXISTING HMA BINDER COURSE
- ③ EXISTING HMA SURFACE COURSE
- ④ EXISTING HMA BASE COURSE WIDENING
- ⑤ EXISTING GROUND
- ⑥ EXISTING CONCRETE PAVEMENT
- ⑦ STEEL PLATE BEAM GUARDRAIL, TYPE A. 6FT POSTS
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER, TYPE A
- ⑩ EXISTING CABLE BARRIER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

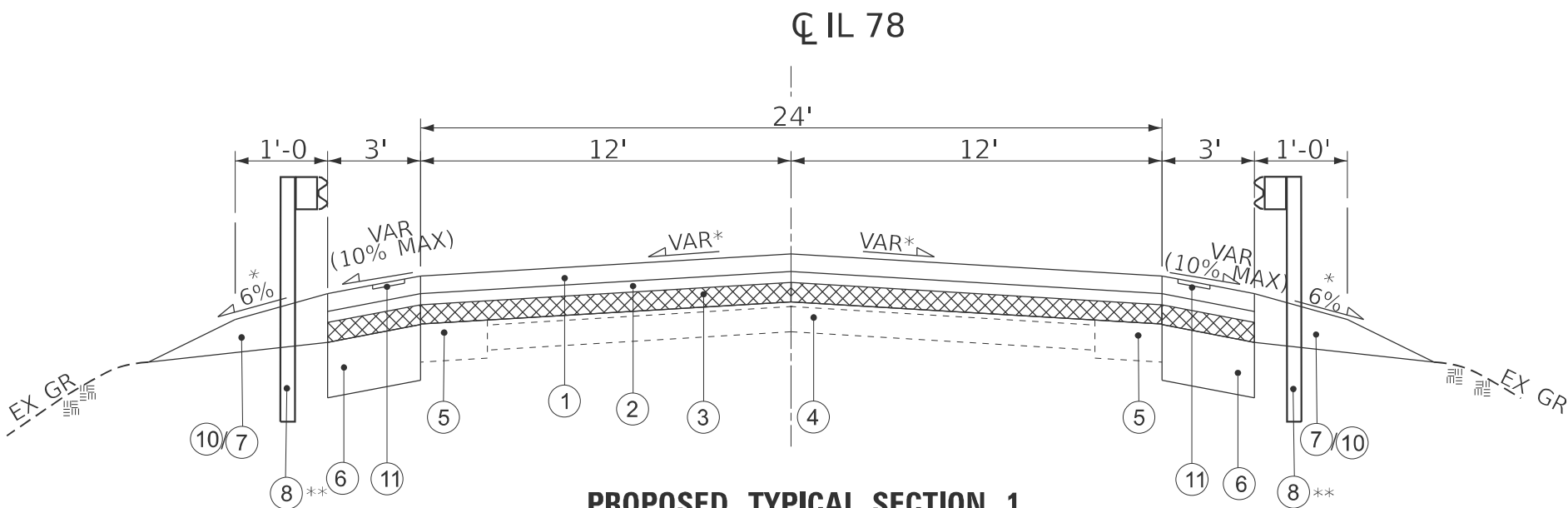
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	17
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① EXISTING AGG. SHOULDERS, TYPE B
 - ② EXISTING HMA BINDER COURSE
 - ③ EXISTING HMA SURFACE COURSE
 - ④ EXISTING HMA BASE COURSE WIDENING
 - ⑤ EXISTING GROUND
 - ⑥ EXISTING CONCRETE PAVEMENT
 - ⑦ STEEL PLATE BEAM GUARDRAIL, TYPE A. 6FT POSTS
 - ⑧ EXISTING BITUMINOUS SHOULDER
 - ⑨ EXISTING CONCRETE GUTTER, TYPE A
 - ⑩ EXISTING CABLE BARRIER

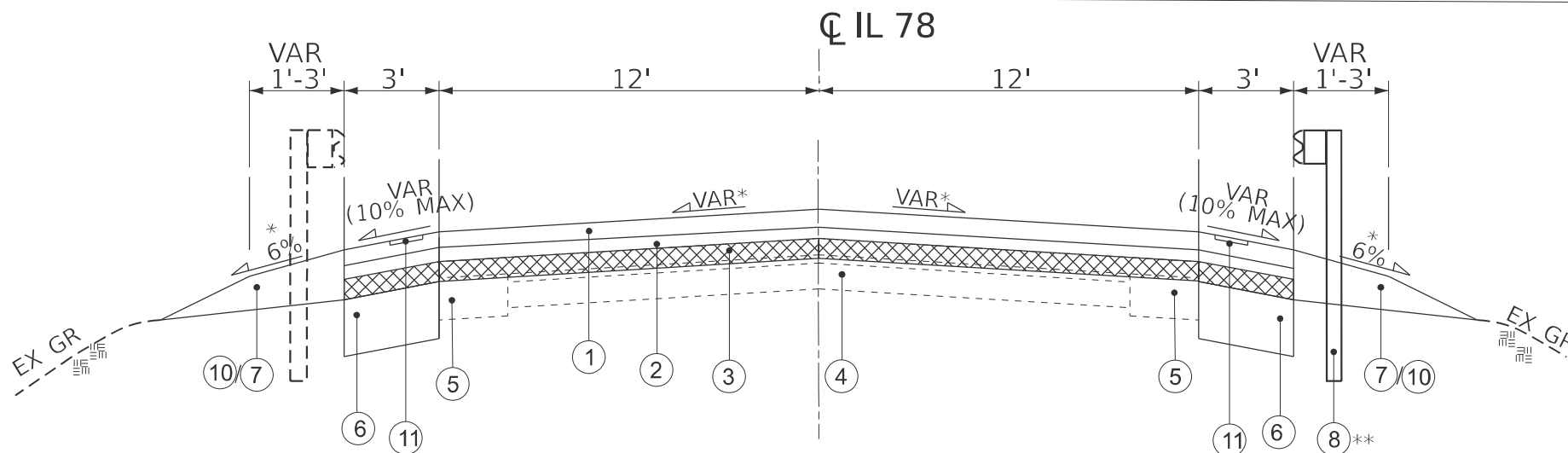
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	USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	18
		CHECKED -	REVISED -					CONTRACT NO. 68A86				
	PLOT DATE = 3/20/2025	DATE -	REVISED -		SCALE:	SHEET 3	OF 7 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

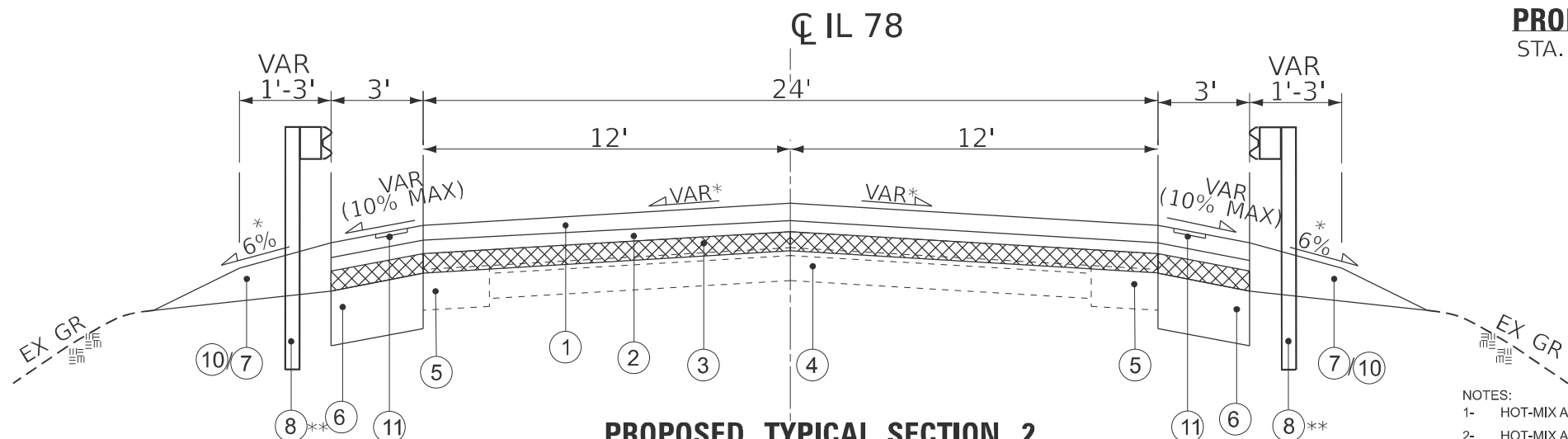


PROPOSED TYPICAL SECTION 1
STA. 277+70.00 TO STA. 315+00.00

- LEGEND**
- ① PROPOSED POLYMERIZED HMA SURFACE COURSE 2"
 - ② PROPOSED POLYMERIZED HMA BINDER COURSE 1-3/4"
 - ③ HOT-MIX ASPHALT SURFACE REMOVAL 1-1/2"
 - ④ EXISTING PCC PAVEMENT.
 - ⑤ EXISTING HMA PAVEMENT
 - ⑥ PROPOSED HOT-MIX ASPHALT SHOULDERS 6"
 - ⑦ PROPOSED AGGREGATE WEDGE.
 - ⑧ STEEL PLATE BEAM GUARDRAIL, TYPE A. 9FT POSTS
 - ⑨ EXISTING HMA SHOULDERS
 - ⑩ GUARDRAIL AGG EROSION CONTROL**
 - ⑪ SHOULDER RUMBLE STRIPS, TYP 8"; SHOULDERS >6' USE 16".



PROPOSED TYPICAL SECTION 3
STA. 345+28.00 TO STA. 368+64.00



PROPOSED TYPICAL SECTION 2
STA. 315+00.00 TO STA. 345+28.00
STA. 388+40.00 TO STA. 537+00.00

- NOTES:
- 1- HOT-MIX ASPHALT SHOULDER RESURFACING SHALL CONSTRUCTED SIMULTANEOUSLY WITH MAINLINE PAVING FOR SHOULDERS LESS THAN 3 FT.
 - 2- HOT-MIX ASPHALT SHOULDERS, SHALL CONSTRUCTED IN TWO LIFTS FOR SHOULDERS GREATER THAN 3FT.
 - 3- ROLLOVER AT SUPERELEVATED SECTIONS SHALL NOT EXCEED 8% .
 - * MATCH EXISTING SLOPES (MAINLINE SLOPE TYPICALS 1.5%).
 - ** SEE GUARDRAIL SHEETS FOR GUARDRAIL STATIONS.

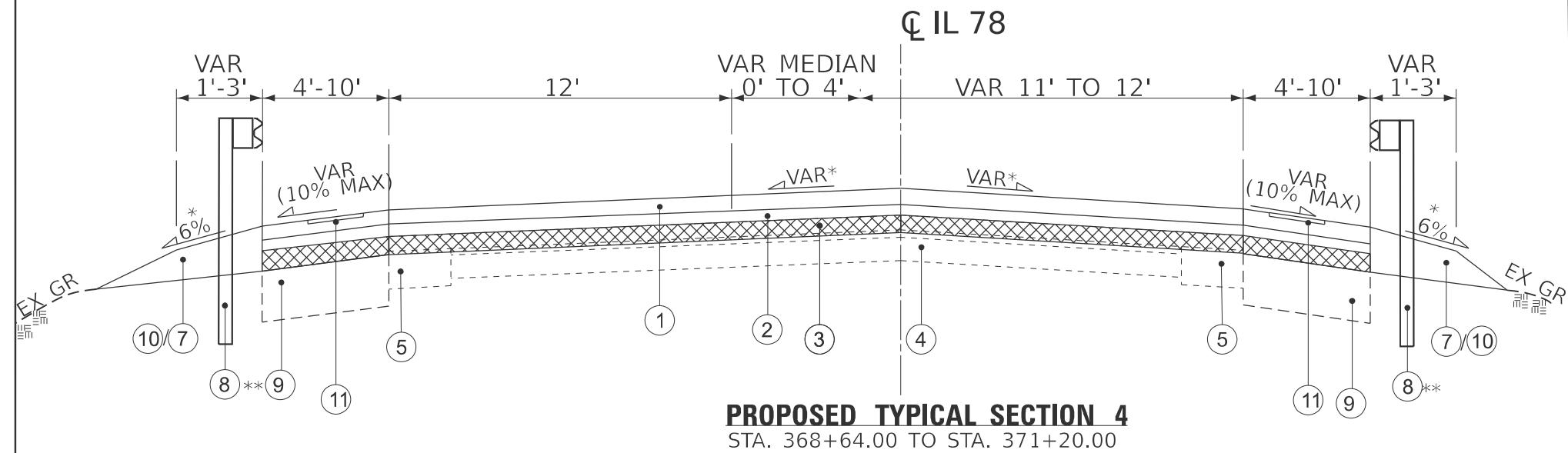
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

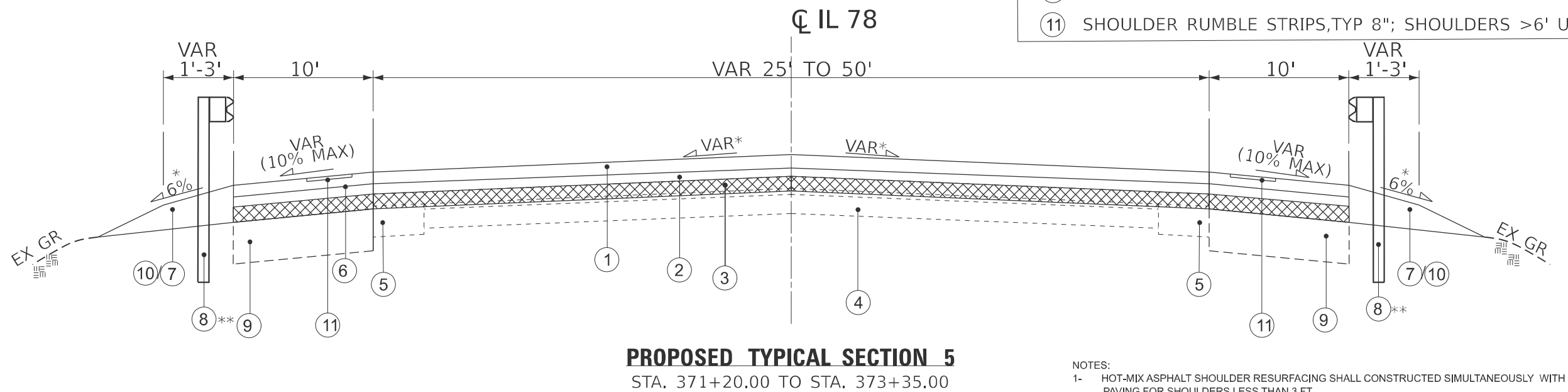
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

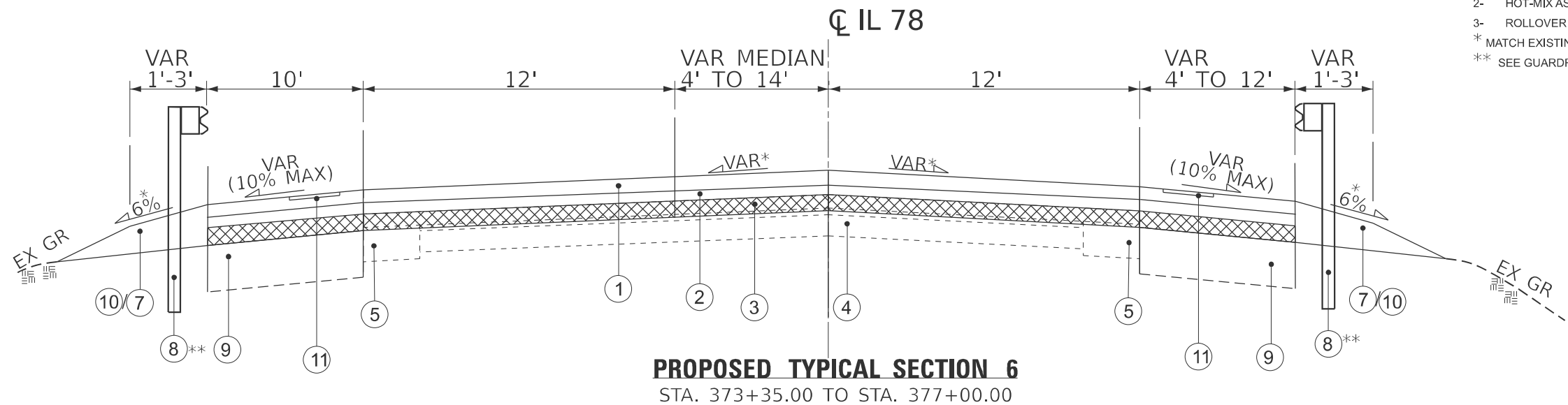
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- LEGEND**
- 1 PROPOSED POLYMERIZED HMA SURFACE COURSE 2"
 - 2 PROPOSED POLYMERIZED HMA BINDER COURSE 1-3/4"
 - 3 HOT-MIX ASPHALT SURFACE REMOVAL 1-1/2"
 - 4 EXISTING PCC PAVEMENT.
 - 5 EXISTING HMA PAVEMENT
 - 6 PROPOSED HOT-MIX ASPHALT SHOULDERS 6"
 - 7 PROPOSED AGGREGATE WEDGE.
 - 8 STEEL PLATE BEAM GUARDRAIL, TYPE A. 9FT POSTS
 - 9 EXISTING HMA SHOULDERS
 - 10 GUARDRAIL AGG EROSION CONTROL **
 - 11 SHOULDER RUMBLE STRIPS, TYP 8"; SHOULDERS >6' USE 16".



- NOTES:
- 1- HOT-MIX ASPHALT SHOULDER RESURFACING SHALL CONSTRUCTED SIMULTANEOUSLY WITH MAINLINE PAVING FOR SHOULDERS LESS THAN 3 FT.
 - 2- HOT-MIX ASPHALT SHOULDERS, SHALL CONSTRUCTED IN TWO LIFTS FOR SHOULDERS GREATER THAN 3FT.
 - 3- ROLLOVER AT SUPERELEVATED SECTIONS SHALL NOT EXCEED 8%.
 - * MATCH EXISTING SLOPES (MAINLINE SLOPE TYPICALS 1.5%).
 - ** SEE GUARDRAIL SHEETS FOR GUARDRAIL STATIONS.



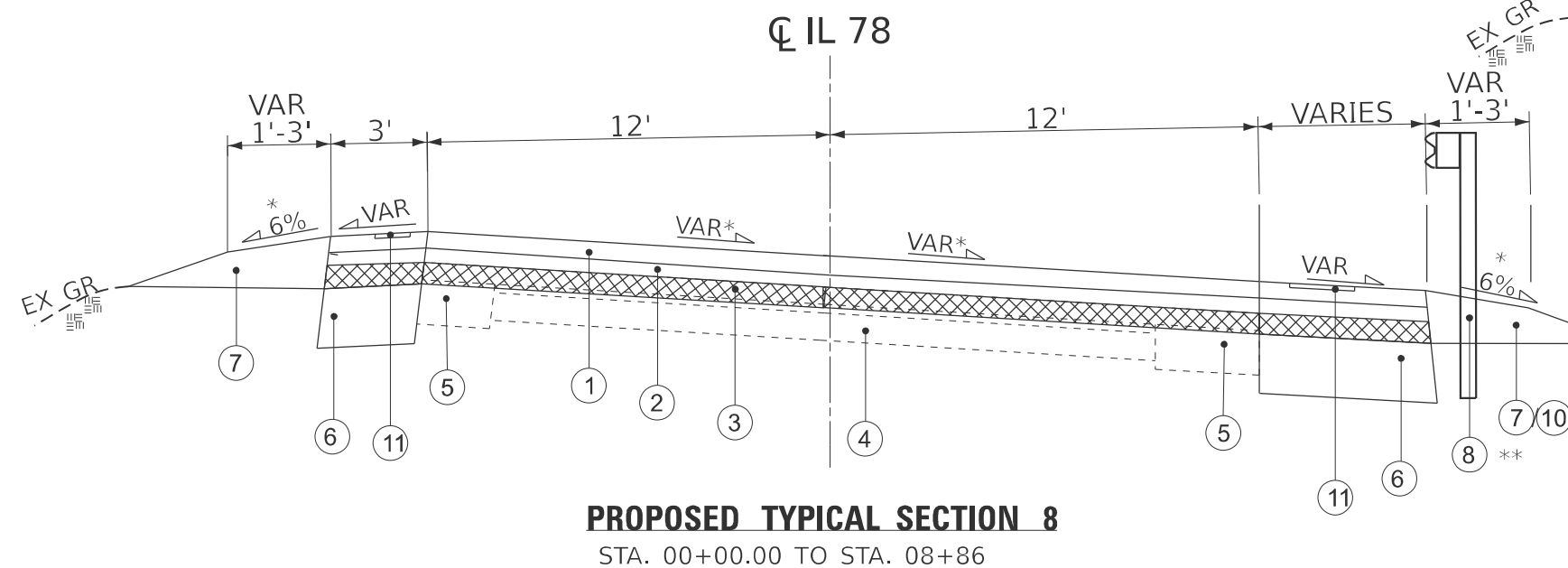
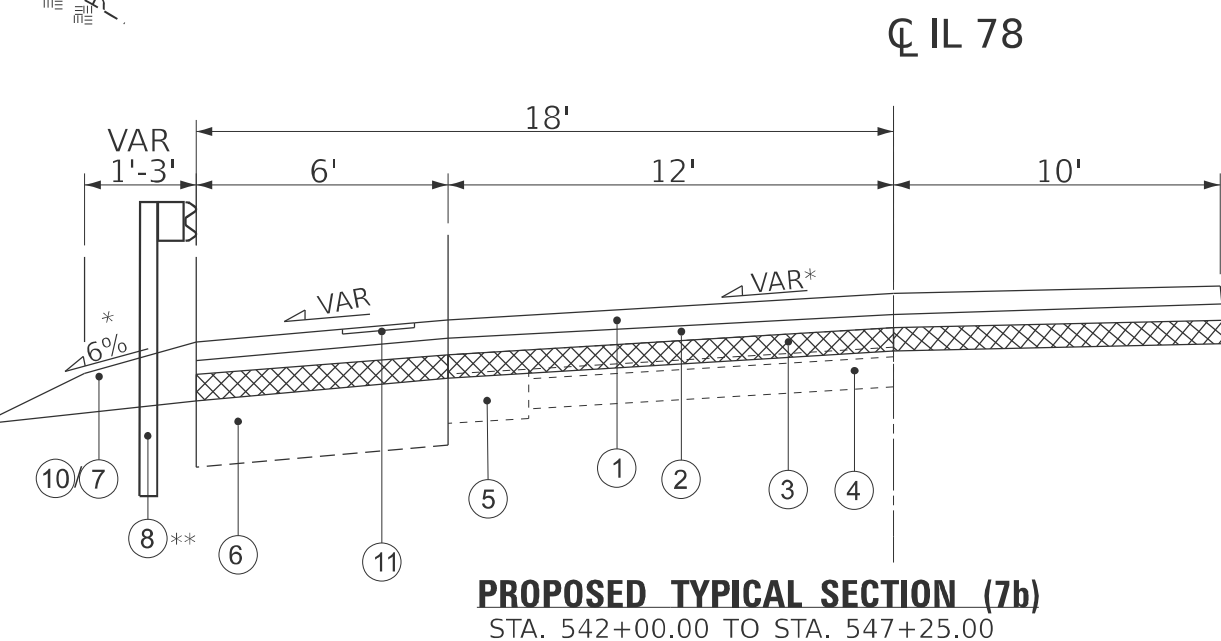
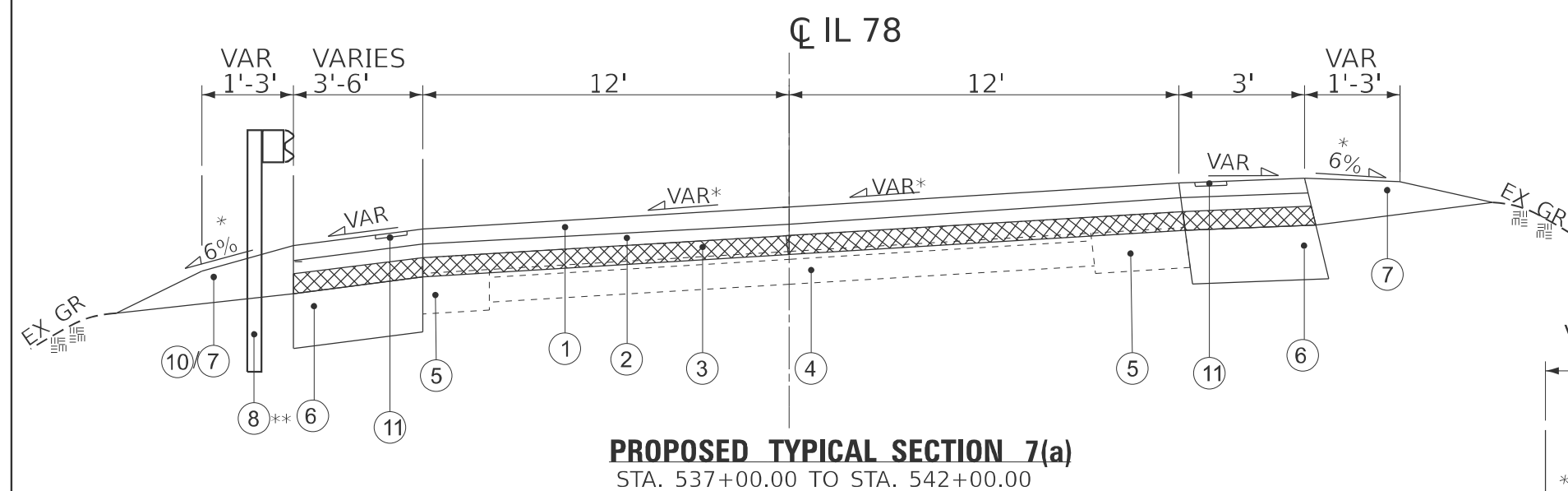
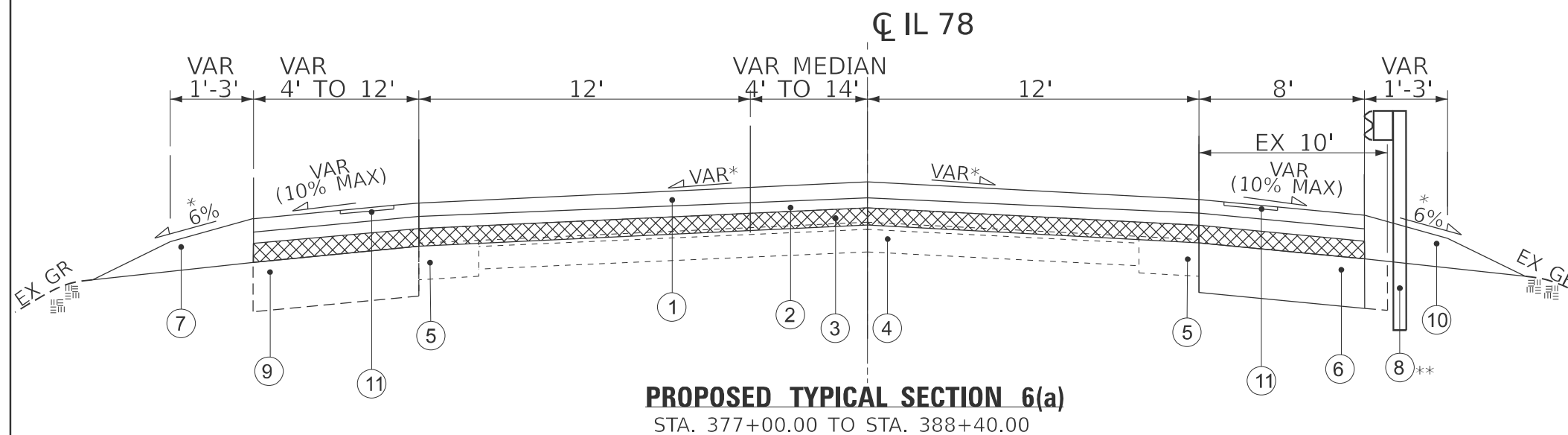
USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	20
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				



- ## LEGEND
- ① PROPOSED POLYMERIZED HMA SURFACE COURSE 2"
 - ② PROPOSED POLYMERIZED HMA BINDER COURSE 1-3/4"
 - ③ HOT-MIX ASPHALT SURFACE REMOVAL 1-1/2"
 - ④ EXISTING PCC PAVEMENT.
 - ⑤ EXISTING HMA PAVEMENT
 - ⑥ PROPOSED HOT-MIX ASPHALT SHOULDERS 6"
 - ⑦ PROPOSED AGGREGATE WEDGE.
 - ⑧ STEEL PLATE BEAM GUARDRAIL, TYPE A. 9FT POSTS
 - ⑨ EXISTING HMA SHOULDERS
 - ⑩ GUARDRAIL AGG EROSION CONTROL **
 - ⑪ SHOULDER RUMBLE STRIPS, TYP 8";
SHOULDERS >6' USE 16".

NOTES:

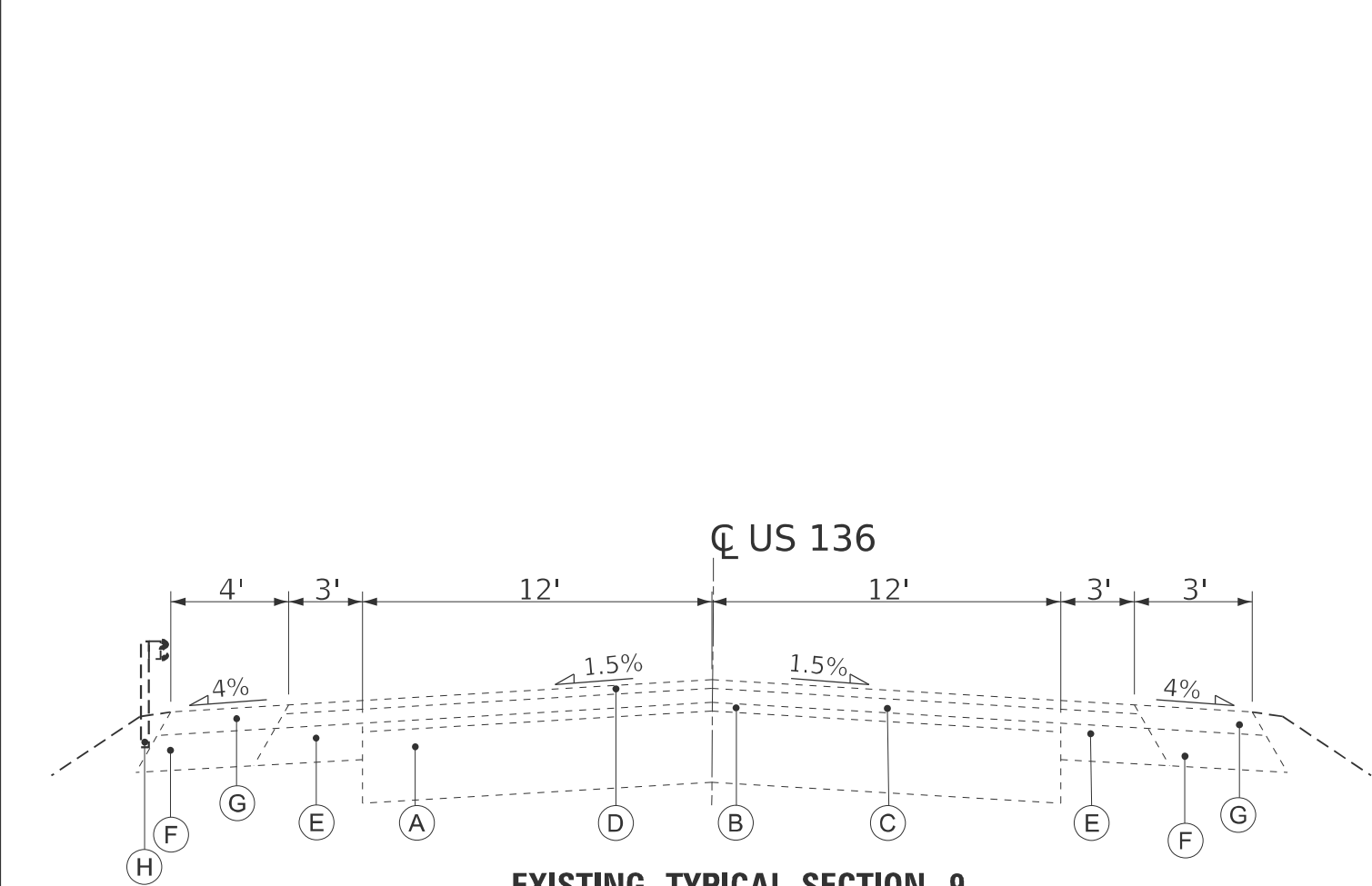
- 1- HOT-MIX ASPHALT SHOULDER RESURFACING SHALL CONSTRUCTED SIMULTANEOUSLY WITH MAINLINE PAVING FOR SHOULDERS LESS THAN 3 FT.
- 2- HOT-MIX ASPHALT SHOULDERS, SHALL CONSTRUCTED IN TWO LIFTS FOR SHOULDERS GREATER THAN 3FT.
- 3- ROLLOVER AT SUPERELEVATED SECTIONS SHALL NOT EXCEED 8%.

* MATCH EXISTING SLOPES (MAINLINE SLOPE TYPICALS 1.5%).

: SEE GUARDRAIL SHEETS FOR GUARDRAIL STATIONS.

USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						30:315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	21
	CHECKED -	REVISED -						CONTRACT NO. 68A86				
PLOT DATE = 3/20/2025	DATE -	REVISED -		SCALE:	SHEET 6	OF 7	SHEETS	STA.	TO STA.			
				ILLINOIS FED. AID PROJECT								

MODEL: PRO TYP SHEET 4 (Sheet)
FILE NAME: c:\pw_work\wishtshlpa.mandapuram@illinois.gov\0985402\0468A86-shh-typical.dgn



EXISTING TYPICAL SECTION 9
STA. 10+00.00 TO STA. 24+00.00

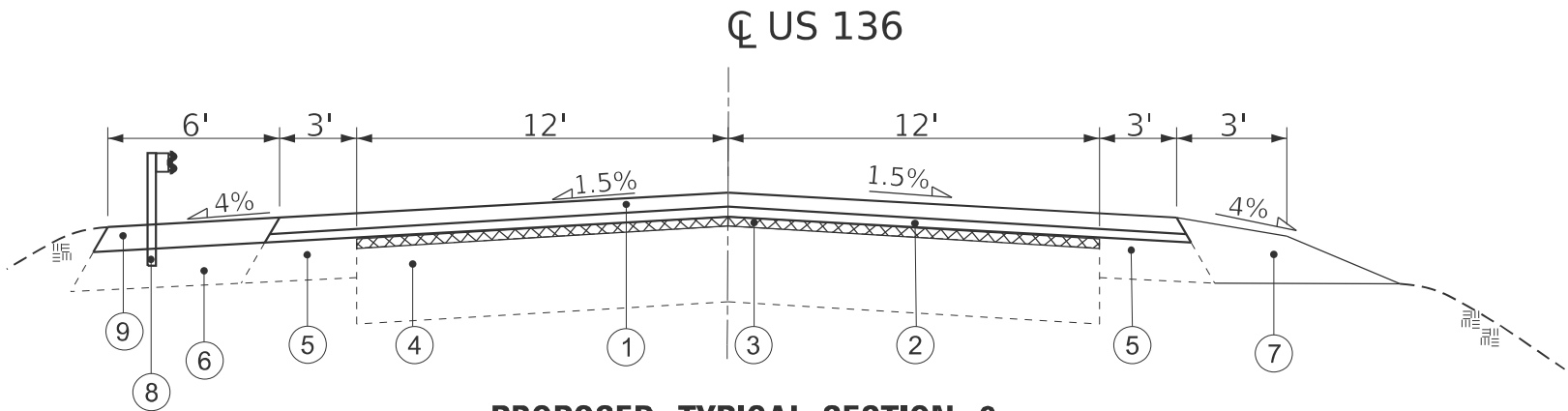
- NOTES:
- 1- HOT-MIX ASPHALT SHOULDER RESURFACING SHALL CONSTRUCTED SIMULTANEOUSLY WITH MAINLINE PAVING FOR SHOULDERS LESS THAN 3 FT.
 - 2- HOT-MIX ASPHALT SHOULDERS, SHALL CONSTRUCTED IN TWO LIFTS FOR SHOULDERS GREATER THAN 3FT.
 - 3- ROLLOVER AT SUPERELEVATED SECTIONS SHALL NOT EXCEED 8% .
- * MATCH EXISTING SLOPES (MAINLINE SLOPE TYPICALS 1.5%).
- ** SEE GUARDRAIL SHEETS FOR GUARDRAIL STATIONS.

EX- LEGEND

- (A) EXISTING PCC PAVEMENT
- (B) EXISITNG HMA OVERLAY,3"
- (C) EXISTING LEVEL BINDER (VAR 0"-5½")
- (D) EXISTING HMA SURFACE COURSE,1½"
- (E) EXISTING HMA SHOULDERS, 8"
- (F) EXISTING AGGREGATE SHOULDERS
- (G) EXISTING AGGREGATE SHOULDERS (VAR 0"-6¾")
- (H) STEEL PLATE BEAM GUARDRAIL, TYPE A. 6FT POSTS

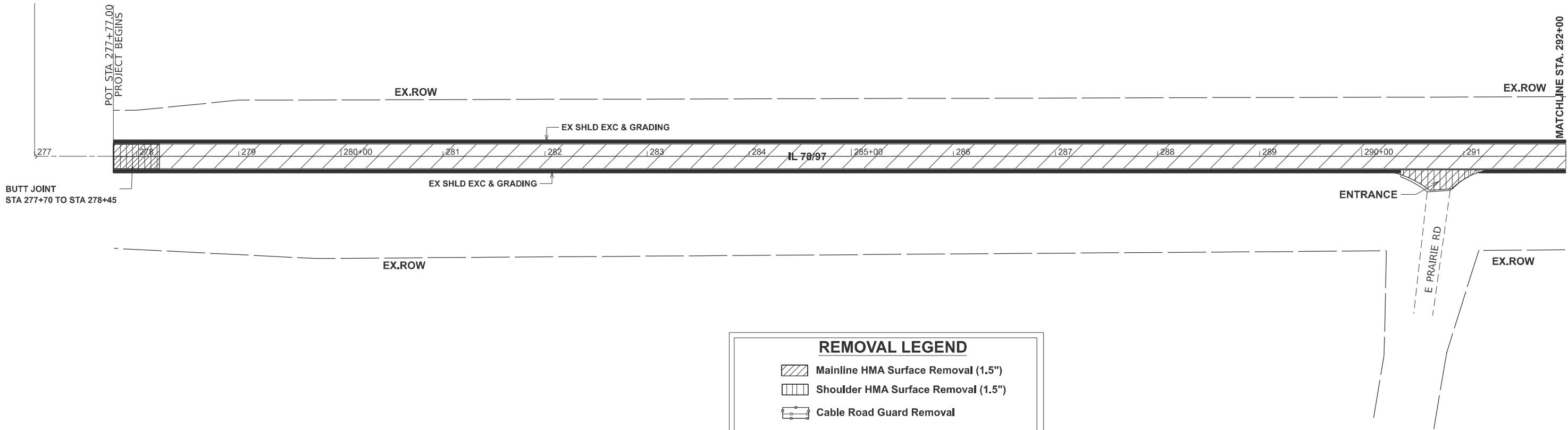
PROP-LEGEND

- ① PROPOSED POLYMERIZED HMA SURFACE COURSE 2"
- ② PROPOSED POLYMERIZED HMA BINDER COURSE 1-3/4"
- ③ HOT-MIX ASPHALT SURFACE REMOVAL 1-1/2"
- ④ EXISTING PCC PAVEMENT.
- ⑤ EXISTING HMA PAVEMENT
- ⑥ PROPOSED HOT-MIX ASPHALT SHOULDERS 6"
- ⑦ PROPOSED AGGREGATE WEDGE.
- ⑧ STEEL PLATE BEAM GUARDRAIL, TYPE A. 6FT POSTS
- ⑨ GUARDRAIL AGG EROSION CONTROL**



PROPOSED TYPICAL SECTION 9
STA. 10+00.00 TO STA. 24+00.00

	USER NAME = Ghada.Zreik	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICALS & EXISTING TYPICALS -US 136		F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	22
		CHECKED -	REVISED -				CONTRACT NO. 68A86				
	PLOT DATE = 3/20/2025	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET 7 OF 7 SHEETS		STA.		TO STA.					



REMOVAL LEGEND

Mainline HMA Surface Removal (1.5")

Shoulder HMA Surface Removal (1.5")

Cable Road Guard Removal

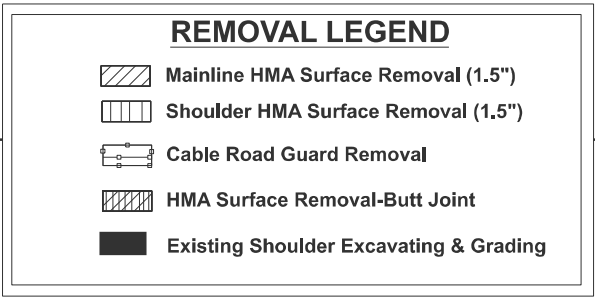
HMA Surface Removal-Butt Joint

Existing Shoulder Excavating & Grading

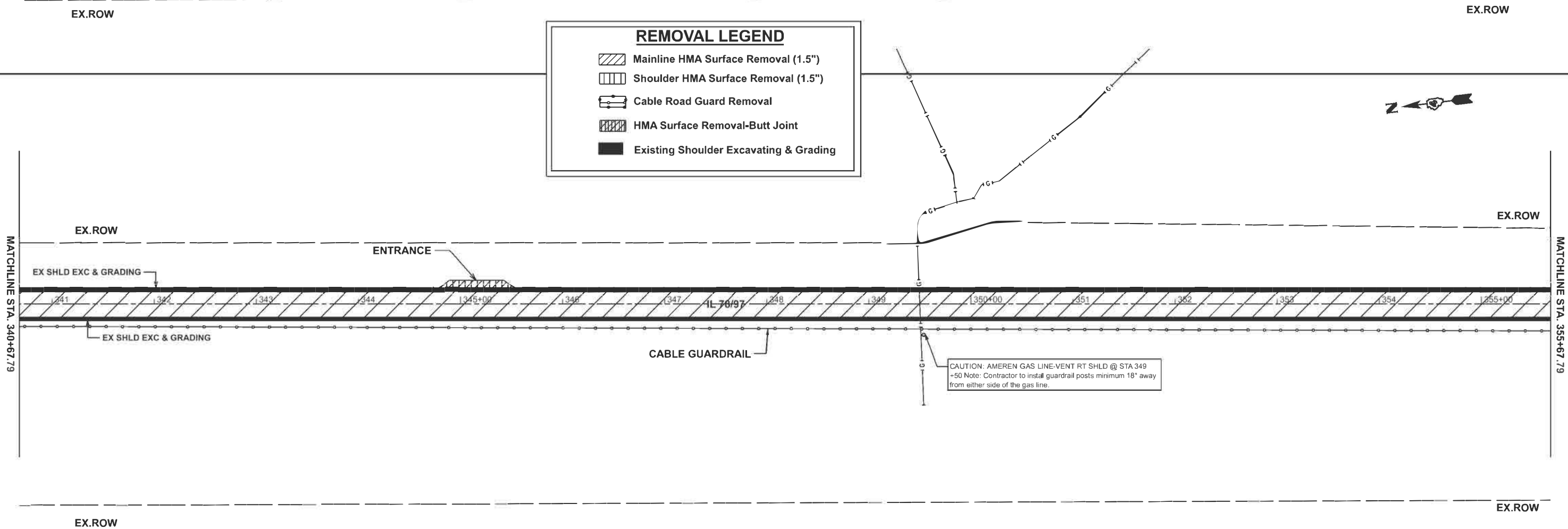
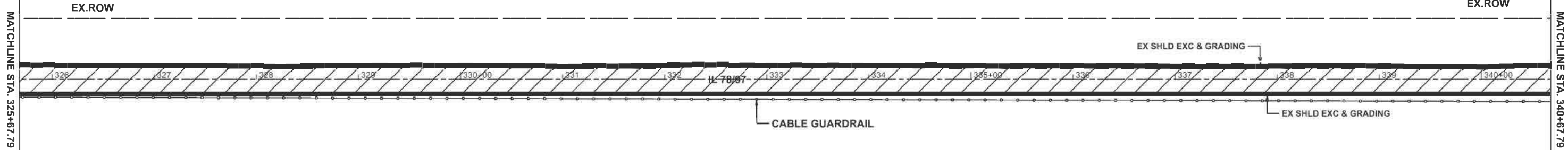


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	USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 78/97 REMOVAL PLANS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	23
		CHECKED -	REVISED -					CONTRACT NO. 68A86				
	PLOT DATE = 3/20/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 1	OF 10 SHEETS	STA. 277+00.00	TO STA. 292+00.00	ILLINOIS FED. AID PROJECT		



F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	24
		CONTRACT NO. 68A86		
ILLINOIS		FED. AID PROJECT		



REMOVAL LEGEND

- Mainline HMA Surface Removal (1.5")
- Shoulder HMA Surface Removal (1.5")
- Cable Road Guard Removal
- HMA Surface Removal-Butt Joint
- Existing Shoulder Excavating & Grading

CAUTION: AMEREN GAS LINE-VENT RT SHLD @ STA 349 +50
Note: Contractor to instal guardrail posts minimum 18" away from either side of the gas line.

MODEL: EXC19 - Plan 4 (Sheet)
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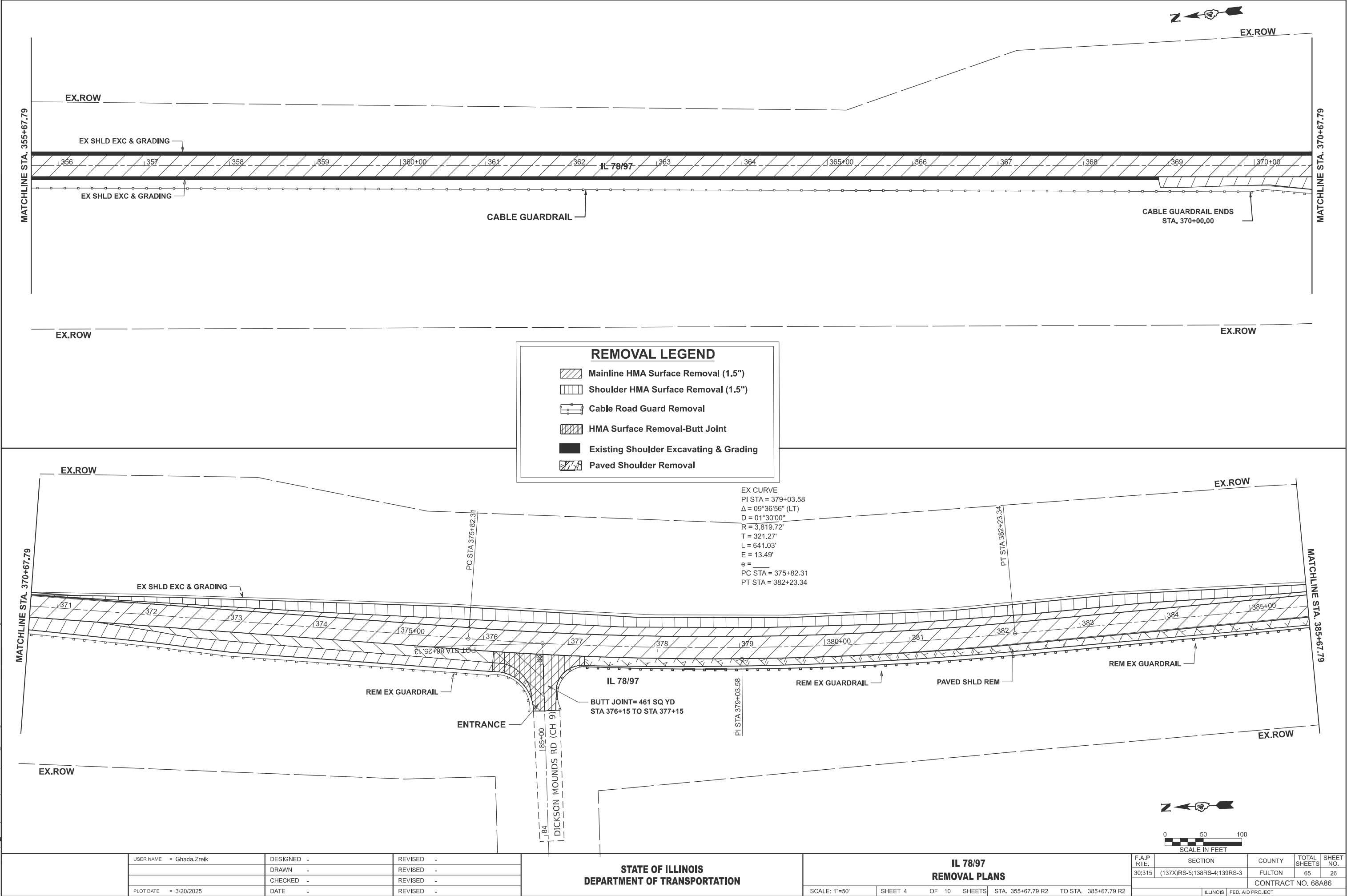
USER NAME	Shilpa.Mandapuram	DESIGNED		REVISED	
		DRAWN		REVISED	
		CHECKED		REVISED	
PLOT DATE	5/5/2025	DATE		REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

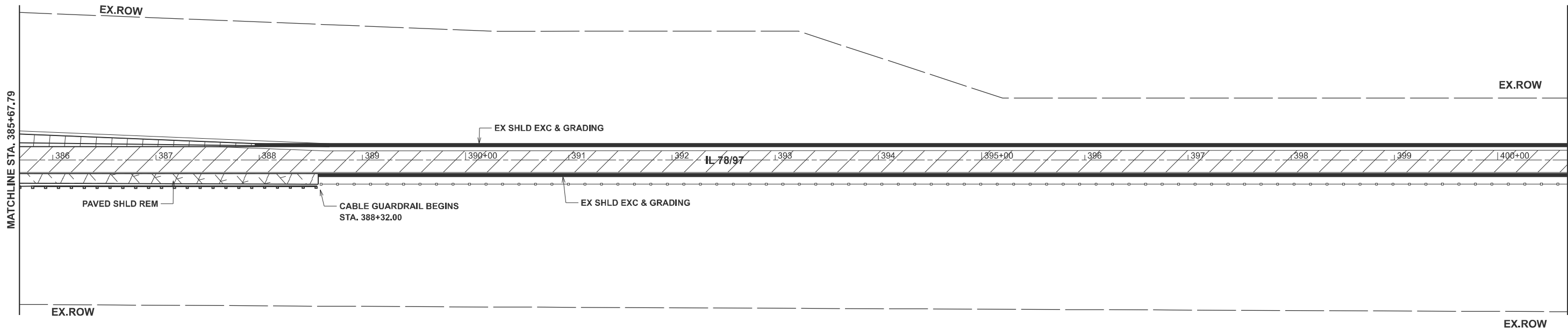
IL 78/97 REMOVAL PLANS		SCALE: 1"=50'	SHEET 3	OF 10 SHEETS	STA. 325+67.79 R2	TO STA. 355+67.79 R2
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30,315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	25
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

MODEL: EXCL 19 - Plan 6 [Sheet]
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MODEL: Excl 19 - Plan 8 [Sheet]
FILE NAME: c:\p\work\p\shilpa.mandapuram@illinois.gov\0985402\0468A86-shr-removal.dgn



REMOVAL LEGEND

Mainline HMA Surface Removal (1.5")

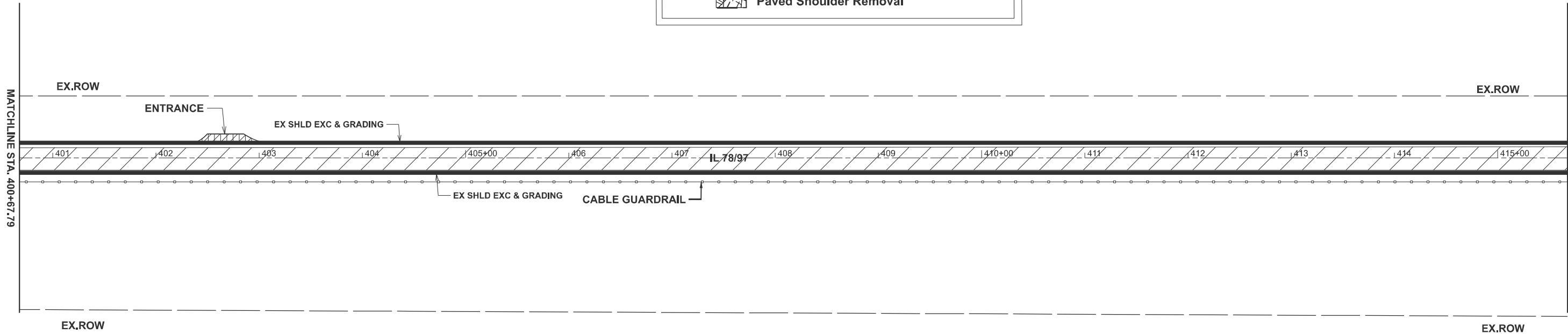
Shoulder HMA Surface Removal (1.5")

Cable Road Guard Removal

HMA Surface Removal-Butt Joint

Existing Shoulder Excavating & Grading

Paved Shoulder Removal

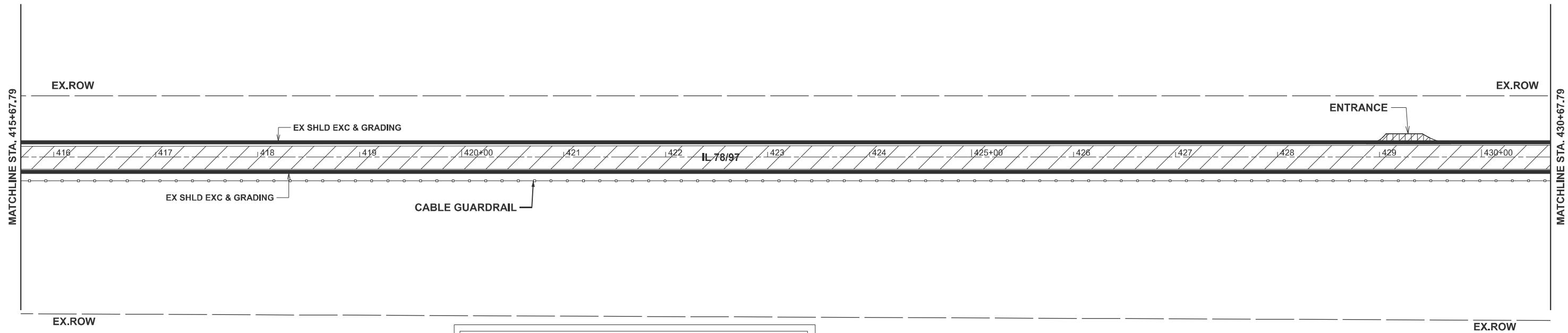


	USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 3/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

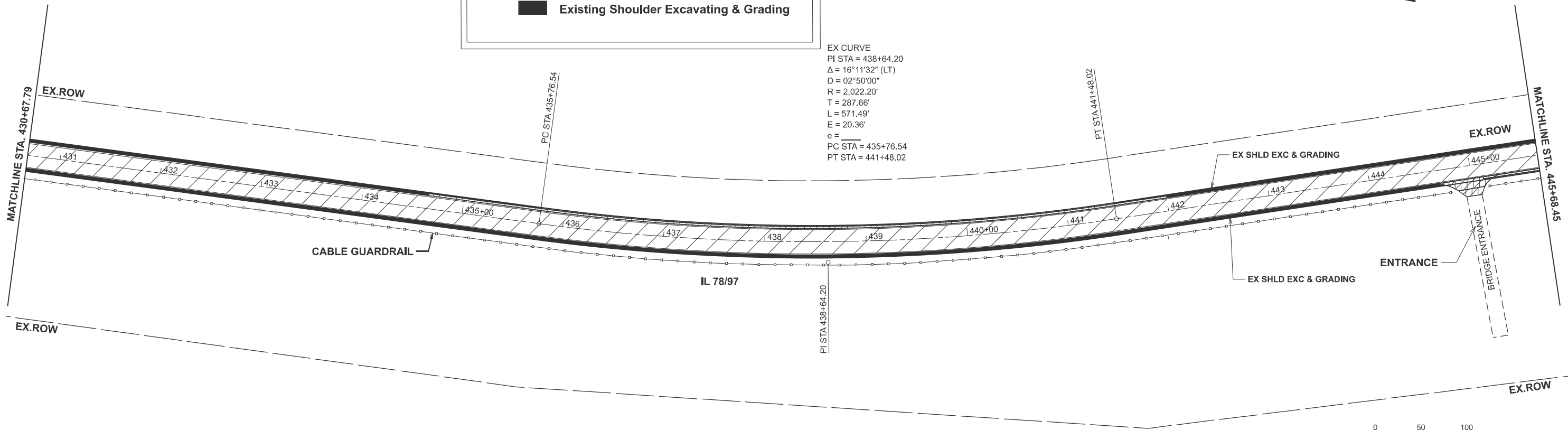
IL 78/97 REMOVAL PLANS			
SCALE: 1"=50'	SHEET 5	OF 10 SHEETS	STA. 385+67.79 R2 TO STA. 415+67.79 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	27
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

- Mainline HMA Surface Removal (1.5")
- Shoulder HMA Surface Removal (1.5")
- Cable Road Guard Removal
- HMA Surface Removal-Butt Joint
- Existing Shoulder Excavating & Grading



MODEL: EXCL 19-Plan 10 [Sheet]
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USER NAME	= Shilpa.Mandapuram	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 3/20/2025	DATE	-	REVISED	-

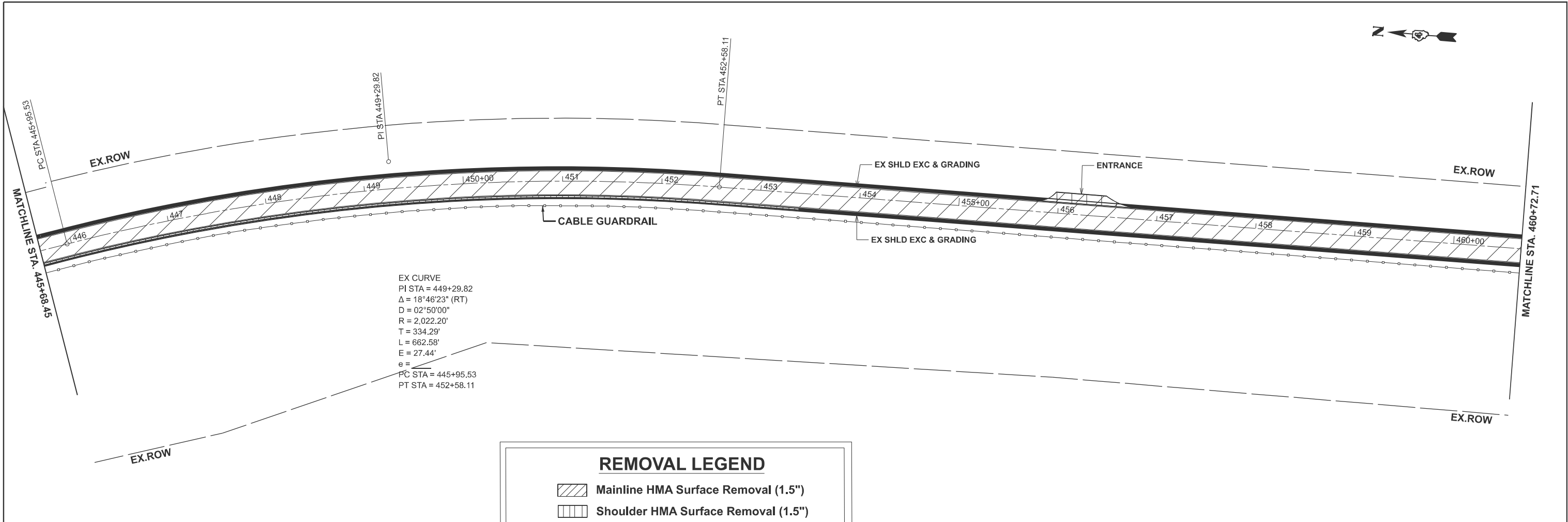
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 78/97
REMOVAL PLANS

SCALE: 1"=50' SHEET 6 OF 10 SHEETS STA. 415+67.79 R2 TO STA. 445+68.45 R3

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

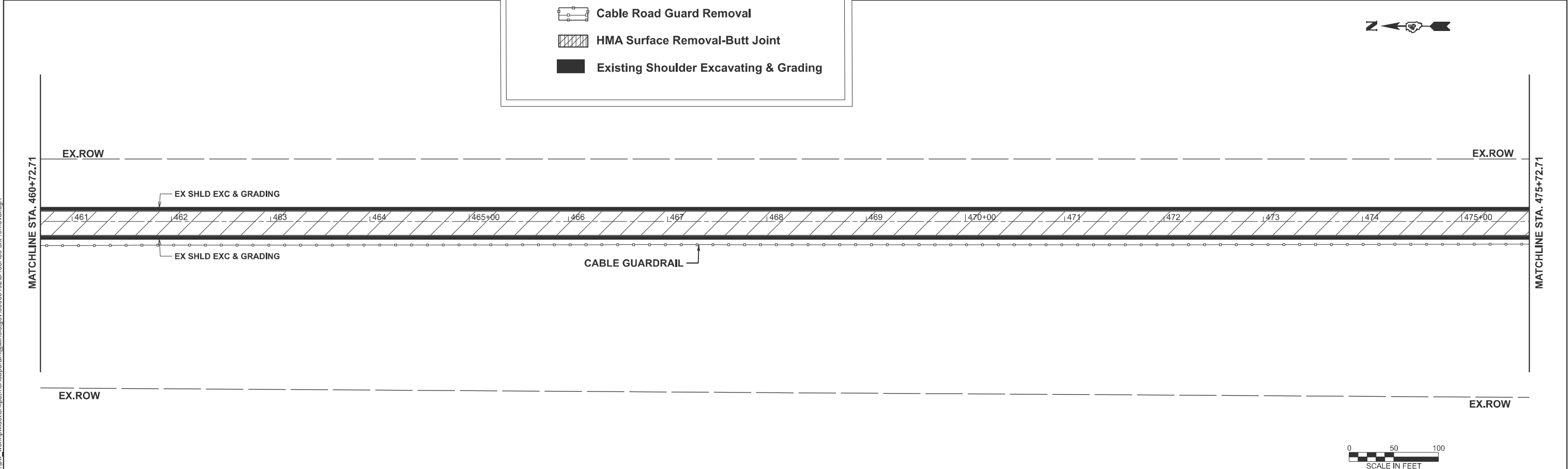
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FILE NAME: c:\p\work\wildshilpa.mandapuram@illinois.gov\0985402\0468A86-shr-removal.dgn



EX CURVE
PI STA = 449+29.82
Δ = 18°46'23" (RT)
D = 02°50'00"
R = 2,022.20'
T = 334.29'
L = 662.58'
E = 27.44'
PC STA = 445+95.53
PT STA = 452+58.11

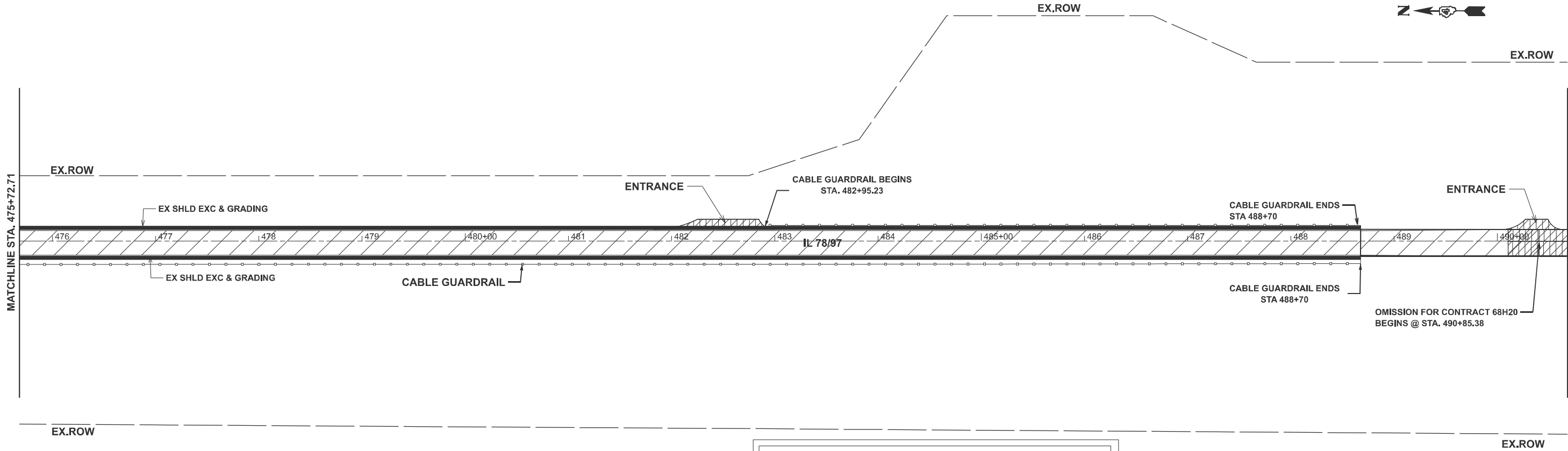
REMOVAL LEGEND

- Mainline HMA Surface Removal (1.5")
- Shoulder HMA Surface Removal (1.5")
- Cable Road Guard Removal
- HMA Surface Removal-Butt Joint
- Existing Shoulder Excavating & Grading



	USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 78/97 REMOVAL PLANS					F.A.P	SECTION		COUNTY	TOTAL	SHEET
		DRAWN -	REVISED -							RTE.	(137X)RS-5;138RS-4;139RS-3		FULTON	65	29
		CHECKED -	REVISED -							30;315	CONTRACT NO. 68A86				
	PLOT DATE = 3/20/2025	DATE -	REVISED -												
	SCALE: 1"=50'				SHEET 7	OF 10	SHEETS	STA. 445+68.45 R3	TO STA. 475+72.71 R4	ILLINOIS FED. AID PROJECT					

MODEL: Excl 19 - Plan 14 [Sheet]
FILE NAME: c:\p\work\shilpa.mandapuram@illinois.gov\0985402\468A86-shr-removal.dgn



REMOVAL LEGEND

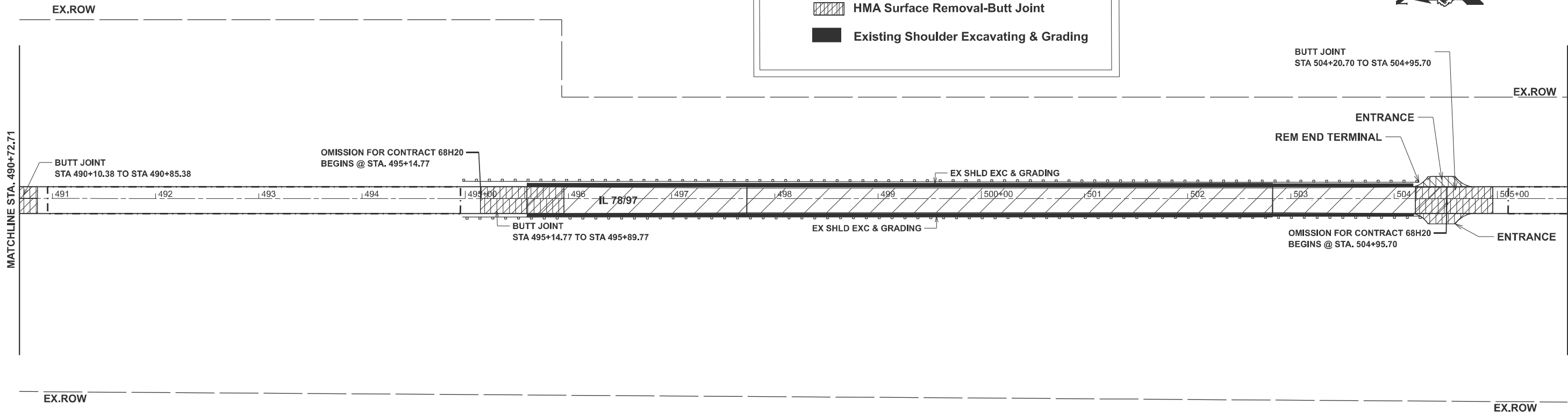
Mainline HMA Surface Removal (1.5")

Shoulder HMA Surface Removal (1.5")

Cable Road Guard Removal

HMA Surface Removal-Butt Joint

Existing Shoulder Excavating & Grading



	USER NAME	= Shilpa.Mandapuram	DESIGNED	-	REVISED	-
	DRAWN	-	REVIS	-	REVISED	-
	CHECKED	-	REVIS	-	REVISED	-
	DATE	-	REVIS	-	REVISED	-
	PLOT DATE	= 3/20/2025	DATE	-	REVISED	-

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

IL 78/97

REMOVAL PLANS

SCALE: 1"=50'

SHEET 8

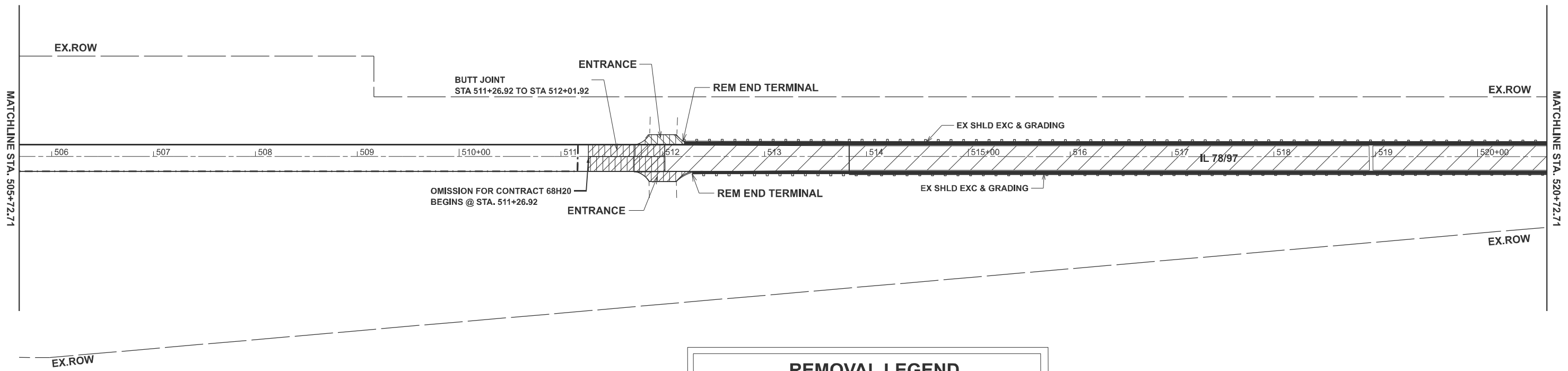
OF 10 SHEETS

STA. 475+72.71 R4

TO STA. 505+72.71 R4

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	30
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

MODEL: Excl 19 - Plan 16 [Sheet]
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REMOVAL LEGEND

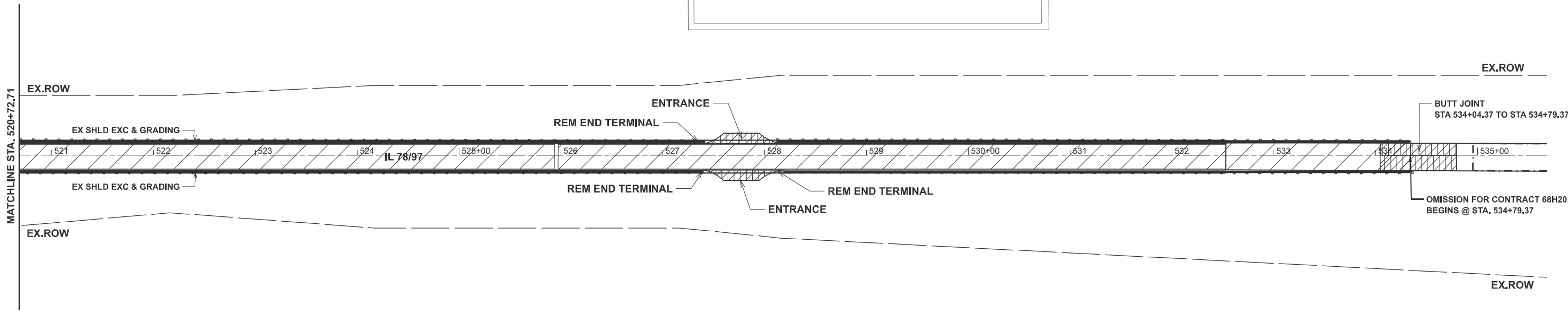
Mainline HMA Surface Removal (1.5")

Shoulder HMA Surface Removal (1.5")

Cable Road Guard Removal

HMA Surface Removal-Butt Joint

Existing Shoulder Excavating & Grading

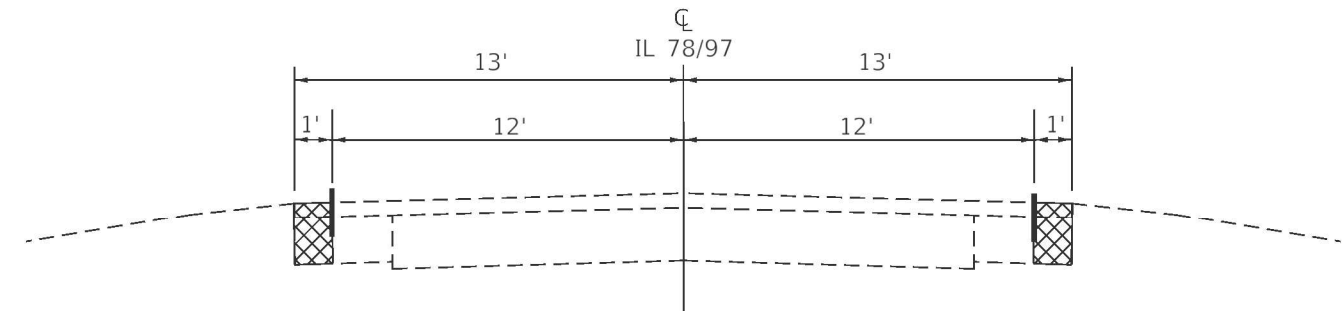


	USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 78/97 REMOVAL PLANS				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	31
		CHECKED -	REVISED -						CONTRACT NO. 68A86				
	PLOT DATE = 3/20/2025	DATE -	REVISED -						SCALE: 1"=50'	SHEET 9	OF 10	SHEETS	STA. 505+72.71 R4

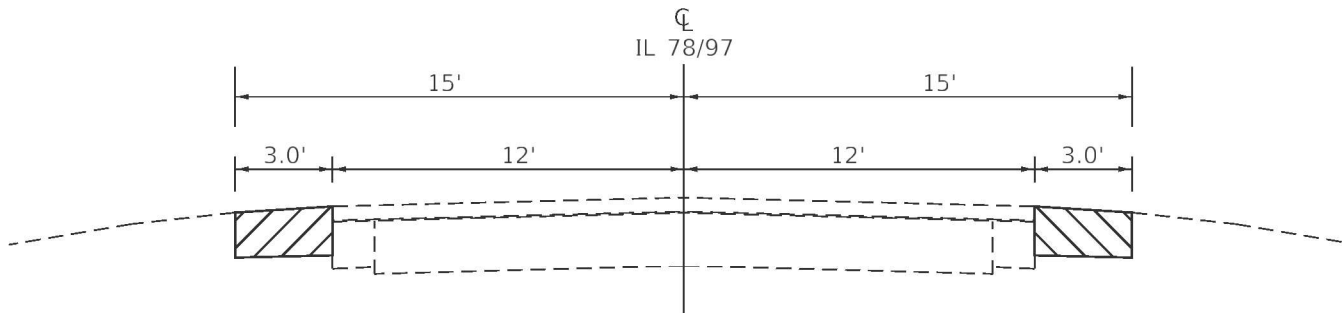
SEQUENCE OF OPERATIONS

(SEQUENCE FOR STD 3'HMA SHLD & 3' AGG WEDGE SHOWN BELOW.
REFER TO TYPICAL & SCHEDULES FOR SHLD WIDTHS)

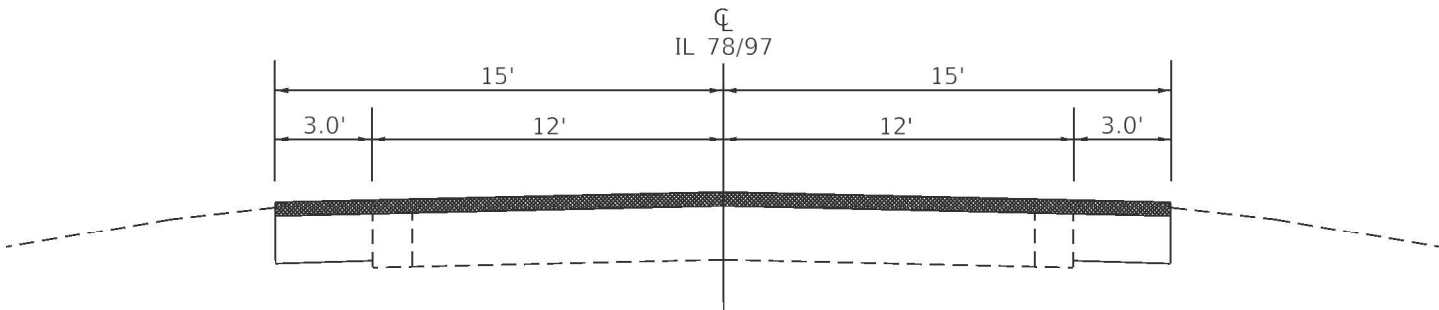
"CONTRACTOR SHALL MANAGE ALL DROPS OFF BETWEEN TRAFFIC LANES
AS PER STANDARD SPECIFICATIONS 701.07".



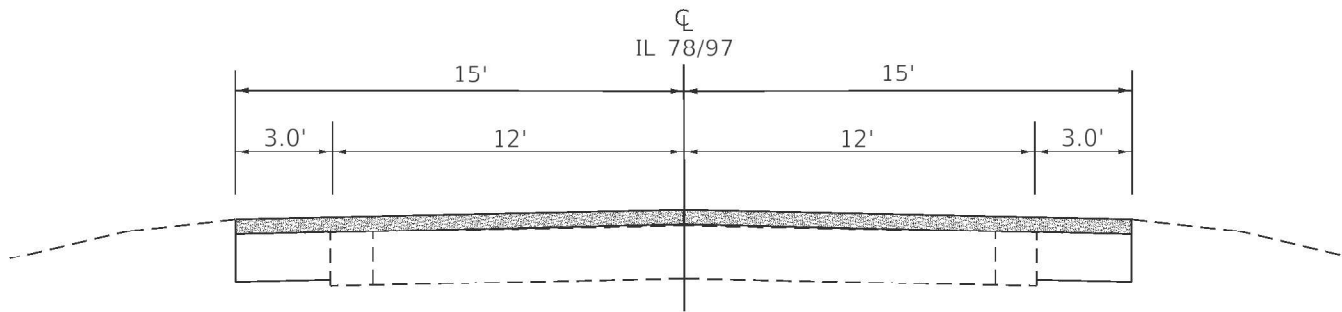
1. COMPLETE CLASS D PATCHING (FULL DEPTH)
& PARTIAL DEPTH PATCHING



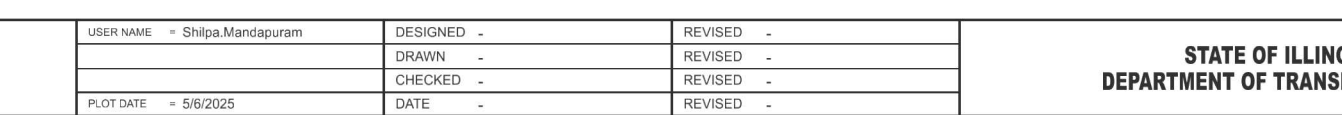
2. REMOVE 1'-0" SHOULDER STRIP,(ASSUME 10" DEPTH)
EXCAVATE AND GRADE EXISTING SHOULDER (3' WIDE)
VERTICAL FACE AT PAVEMENT EDGE



3. PLACE HMA SHOULDERS 6"



4. HMA SURFACE REMOVAL, 1.5"
(PAVING FABRIC UNDER SURFACE COURSE TO BE REMOVED)



5. PLACE 1.75" HMA BINDER COURSE
MONOLITHICALLY WITH SHOULDER
PLACE SHORT TERM PAVEMENT MARKINGS

MODEL: Sequence 1 [Sheet]
FILE NAME: c:\pwwork\shilpa.mandapuram@illinois.gov\098402D48A86-sht-Sequence.dgn

USER NAME	Shilpa.Mandapuram	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	5/6/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATIONS

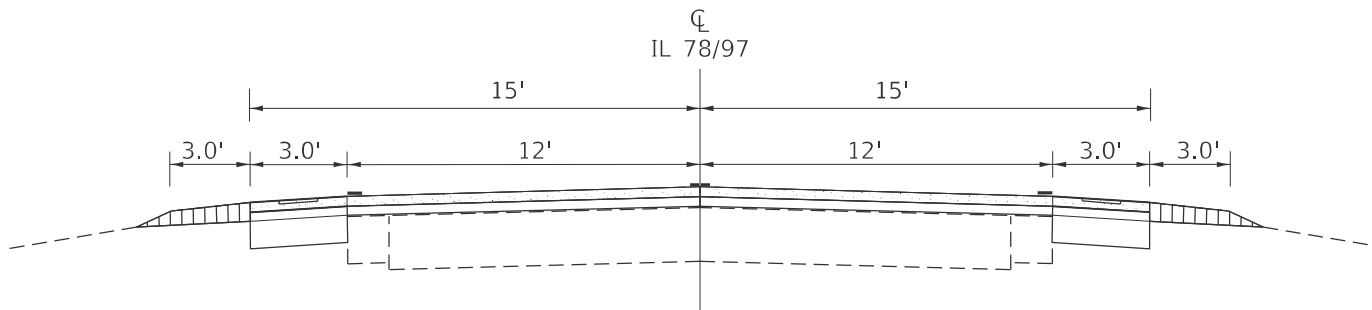
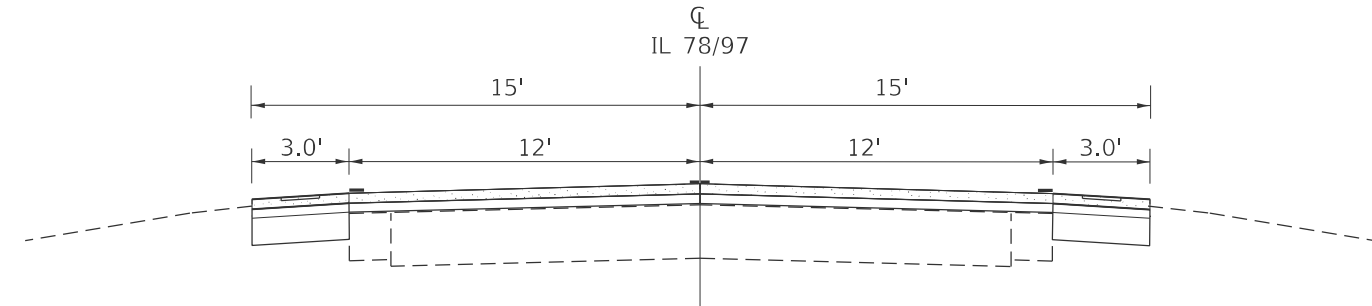
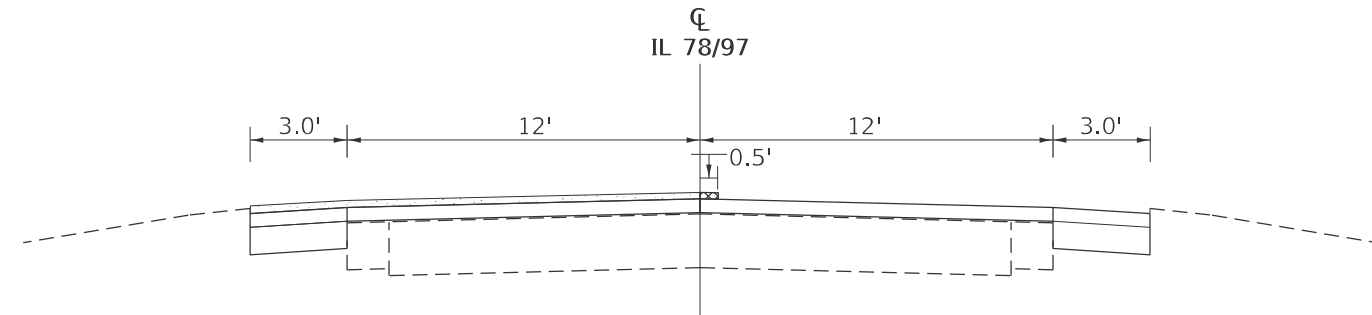
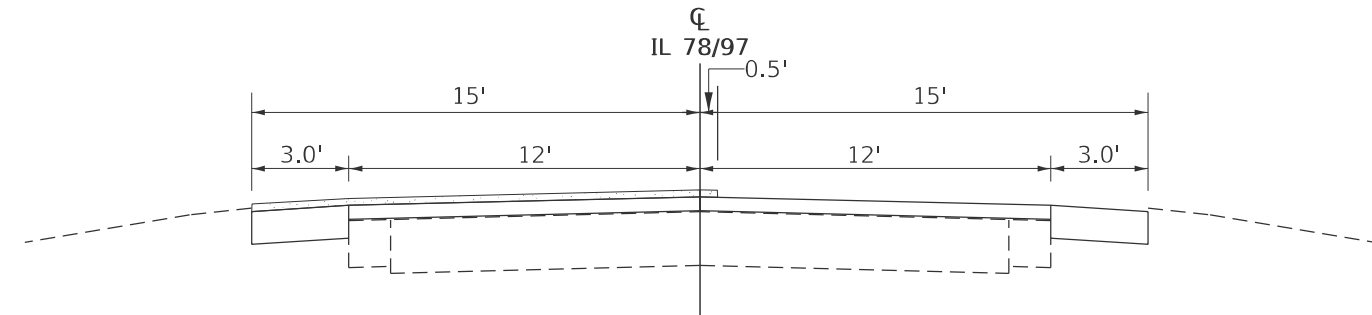
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30,315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	33
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

SEQUENCE OF OPERATIONS

(SEQUENCE FOR STD 3'HMA SHLD & 3' AGG WEDGE SHOWN BELOW.
REFER TO TYPICAL & SCHEDULES FOR SHLD WIDTHS)

"CONTRACTOR SHALL MANAGE ALL DROPS OFF BETWEEN TRAFFIC LANES
AS PER STANDARD SPECIFICATIONS 701.07".



7. PLACE 2.0" POLY HMA SURFACE COURSE 
MONOLITHICALLY WITH 3' SHOULDER - EXTENDING 6"
INTO THE OPPOSITE LANE (SEE SPECIAL PROVISION)

PLACE SHORT TERM PAVEMENT MARKINGS

8. JOINT TRIM CENTERLINE (PAID FOR
AS HMA SURFACE REMOVAL, SPECIAL) 

9. PLACE 2" POLY HMA SURFACE COURSE 
MONOLITHICALLY WITH 3' SHOULDER
ON REMAINING LANE

10. PLACE 3' AGGREGATE SHOULDERS, TYPE B
GROOVE RUMBLE STRIP INTO SHOULDER
PLACE PAVEMENT MARKINGS AND RPMS

MODEL: Sequence 2 [Sheet]
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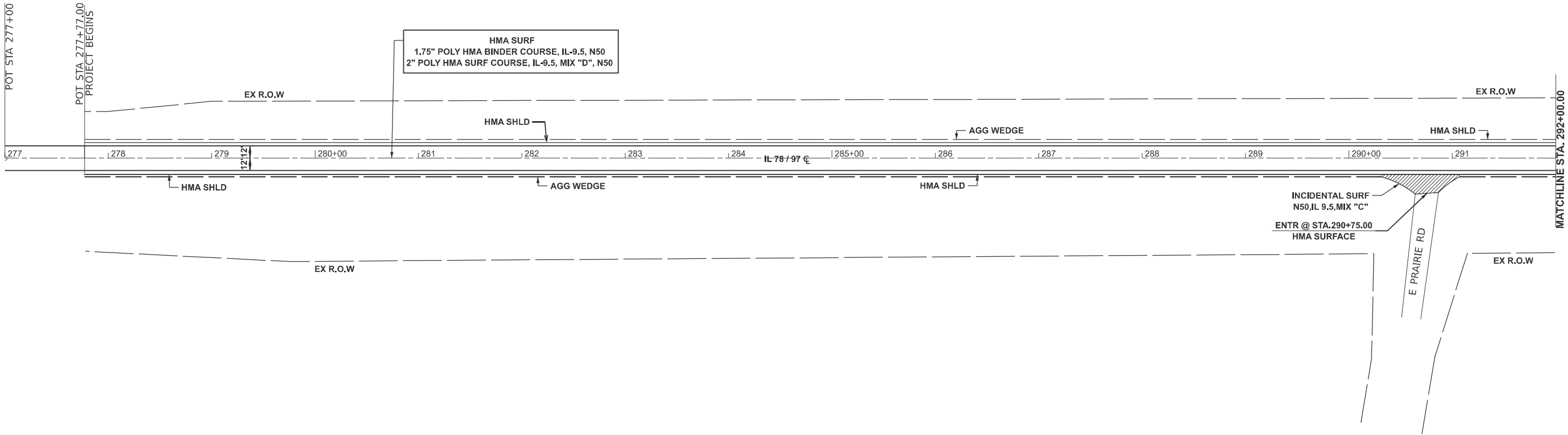
USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	34
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				



MODEL: Excl 19 - Plan 1 [Sheet]
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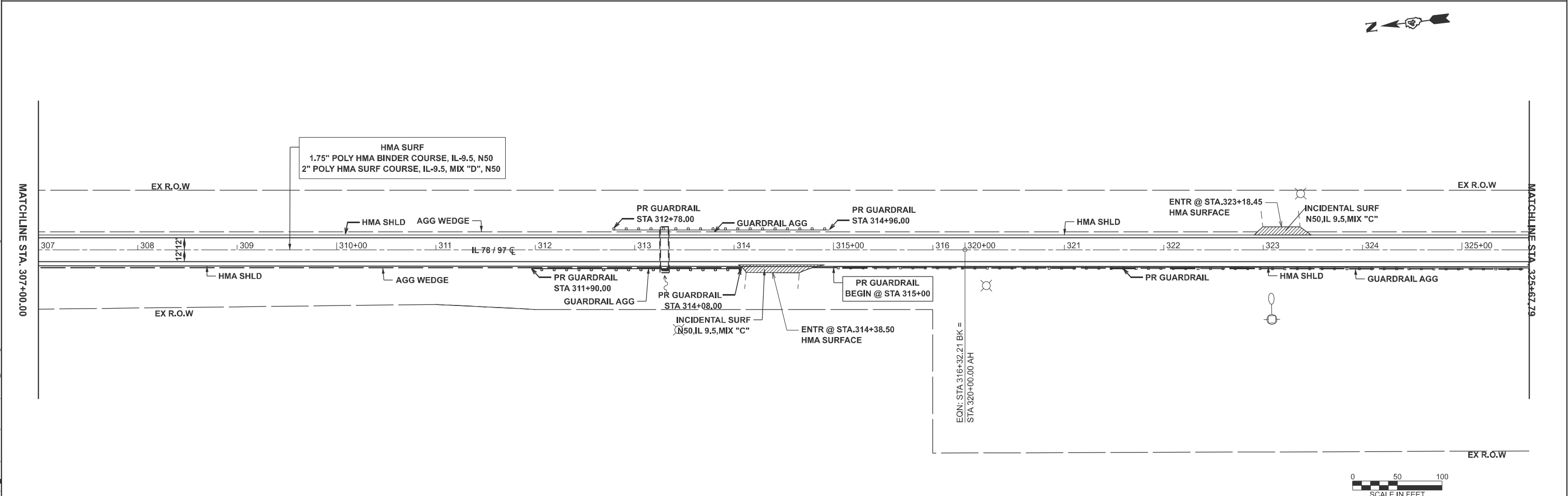
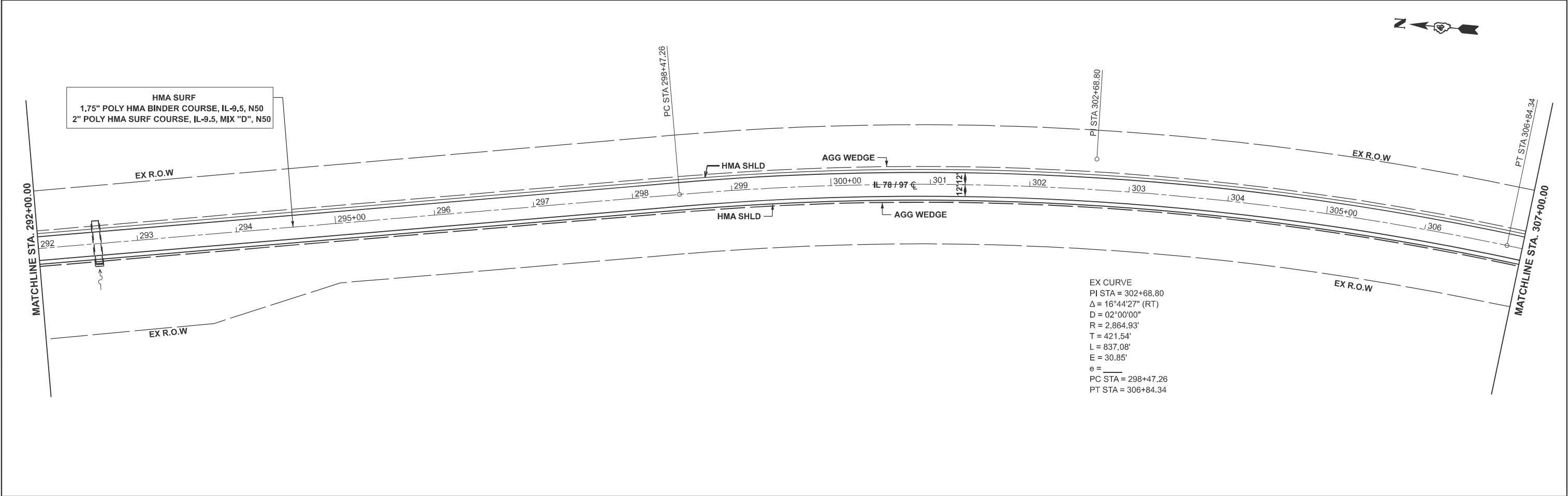
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		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 3/20/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICALS
PLAN SHEETS

SCALE: 1"=50' SHEET 1 OF 10 SHEETS STA. 277+00.00 TO STA. 292+00.00

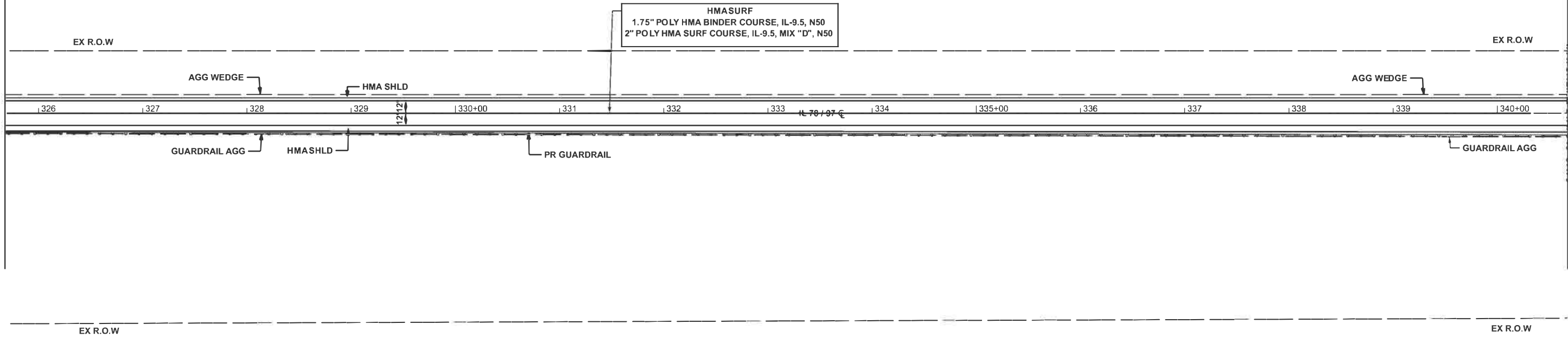
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	35
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				



	USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICALS PLAN SHEETS				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	36
		CHECKED -	REVISED -						CONTRACT NO. 68A86				
	PLOT DATE = 3/20/2025	DATE -	REVISED -						SCALE: 1"=50'	SHEET 2	OF 10 SHEETS	STA. 292+00.00	TO STA. 325+67.79 R2

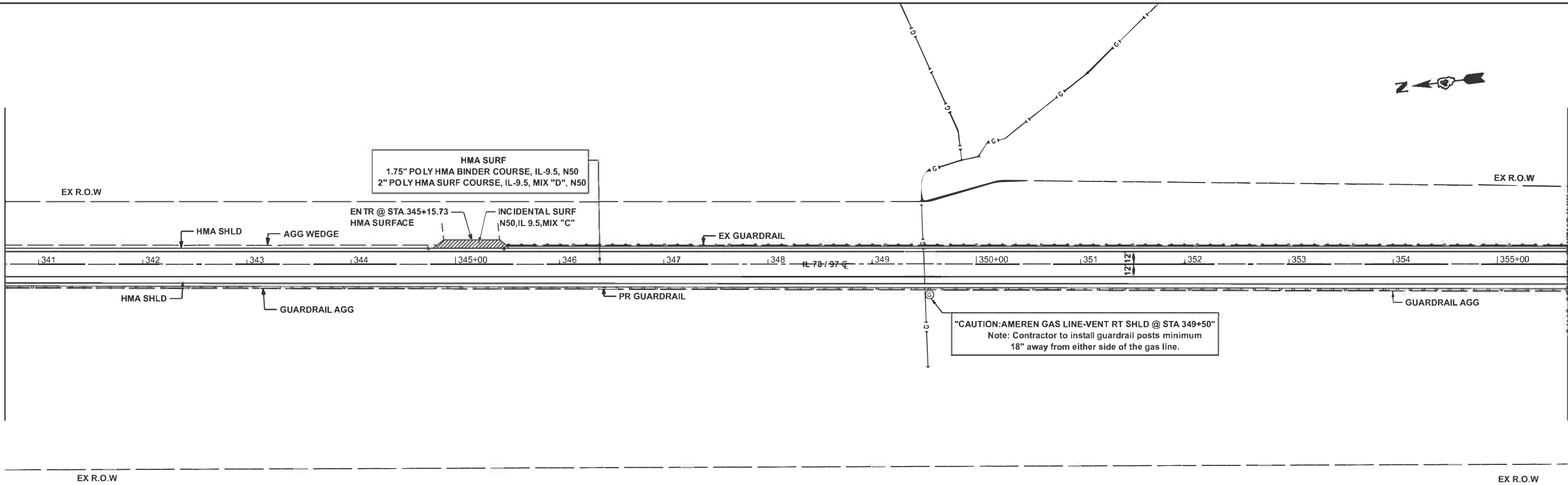
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MATCHLINE STA. 325+67.79



MATCHLINE STA. 340+67.79

MATCHLINE STA. 340+67.79



MATCHLINE STA. 355+67.79



USER NAME	Shilpa.Mandapuram	DESIGNED		REVISED	
DRAWN		CHECKED		REVISED	
PLOT DATE	5/5/2025	DATE		REVISED	

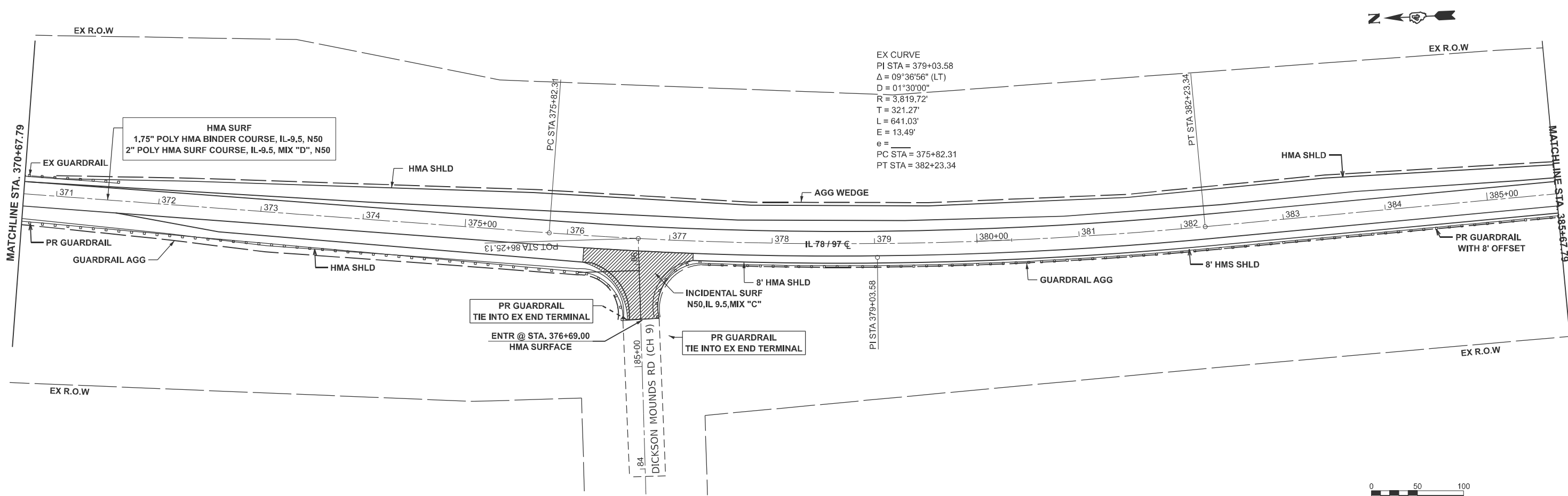
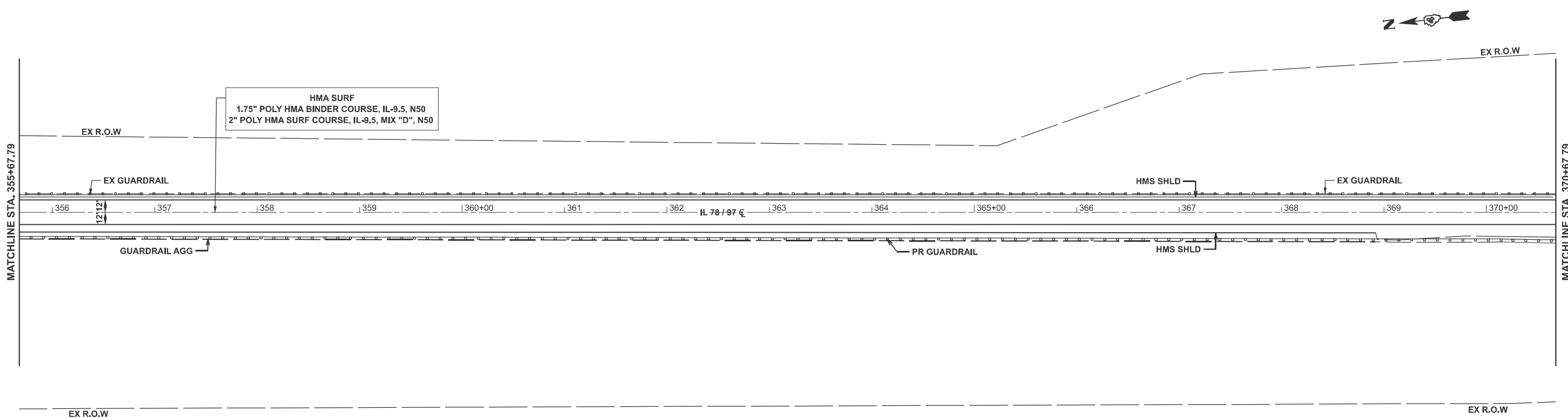
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICALS
PLAN SHEETS

SCALE: 1"=50' SHEET 3 OF 10 SHEETS STA. 325+67.79 R2 TO STA. 355+67.79 R2

F A P RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5:138RS-4:139RS-3	FULTON	65	37
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

MODEL: ExC119-Plan 6 [Sheet]
FILE NAME: c:\p\work\p\shilpa.mandapuram@illinois.gov\0985402\0468A86-shr-Plan.dgn



PLOT DATE	USER NAME	DESIGNED	REVISED
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	DRAWN	-	-
	CHECKED	-	-
DATE			REVISED
			-

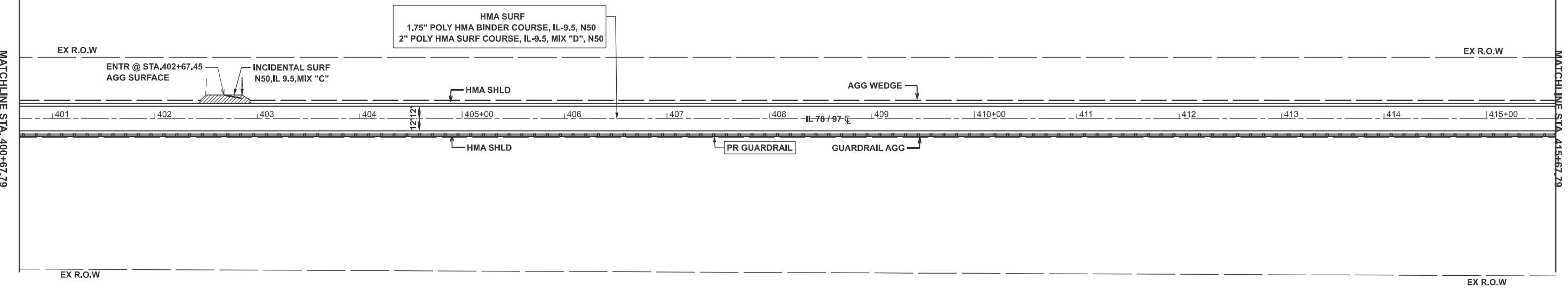
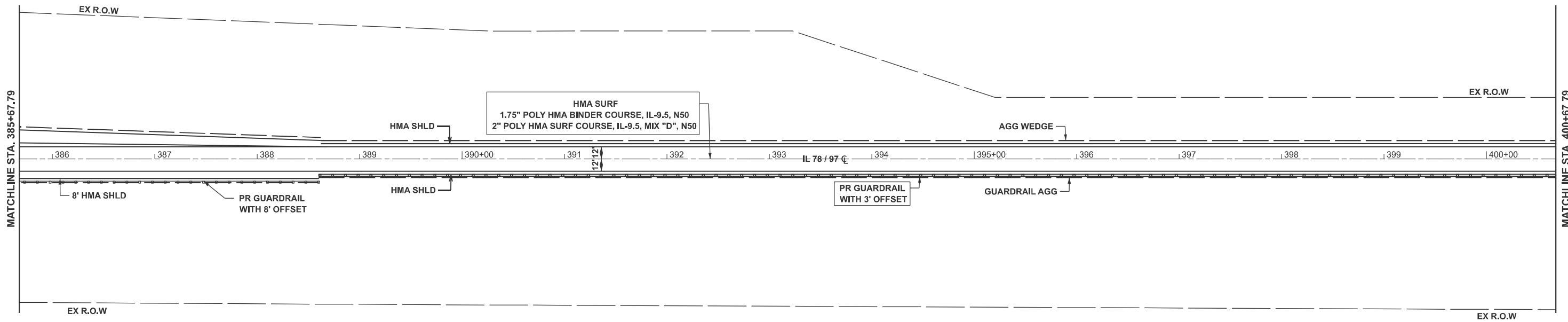
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICALS
PLAN SHEETS

SCALE: 1"=50' SHEET 4 OF 10 SHEETS STA. 355+67.79 R2 TO STA. 385+67.79 R2

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	38
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

MODEL: EXCL 19 - Plan 8 [Sheet]
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		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 3/20/2025	DATE -	REVISED -

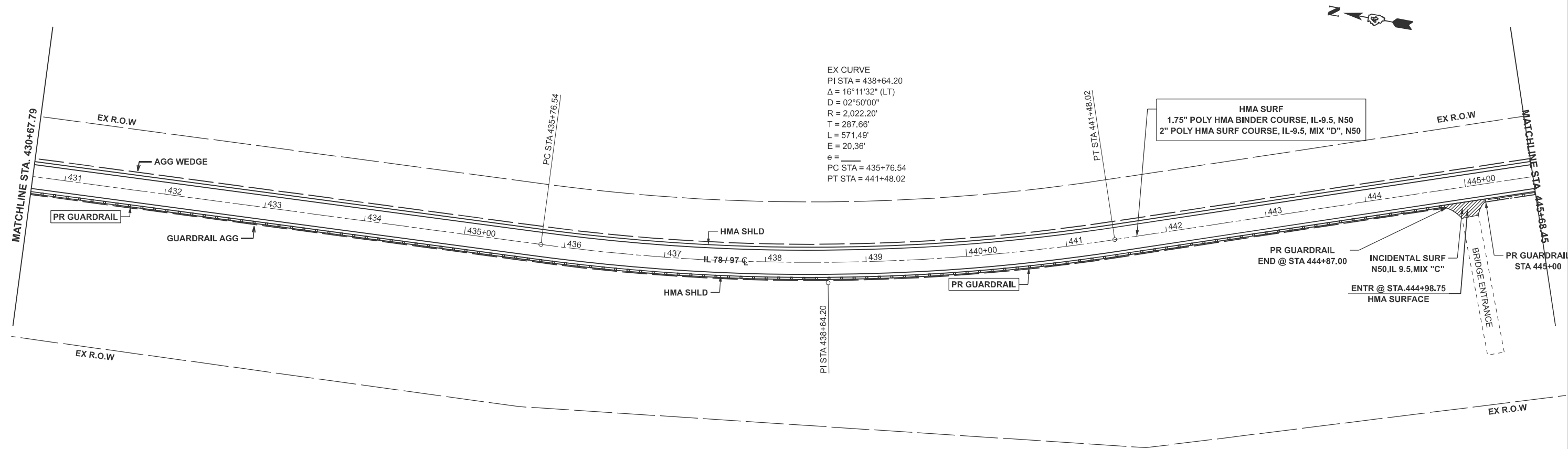
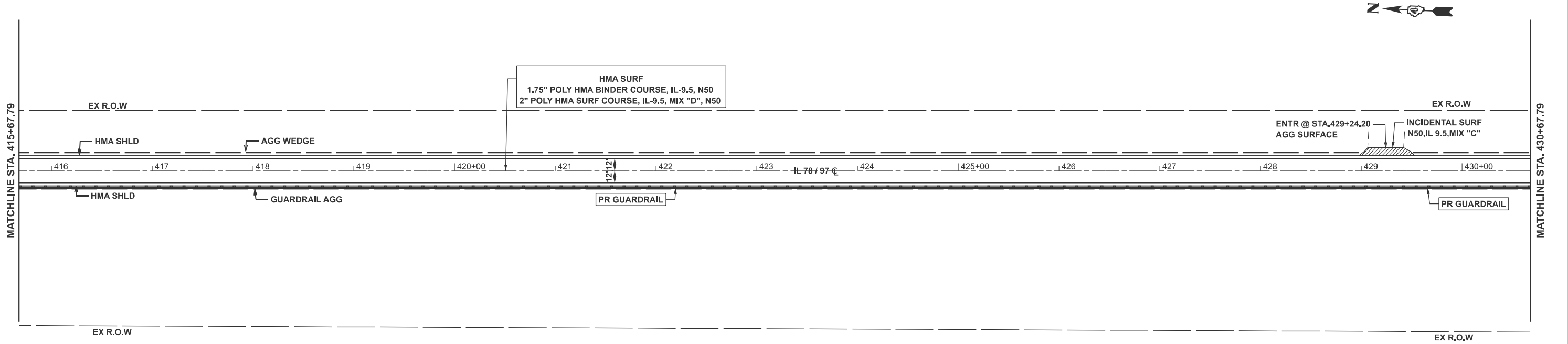
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICALS
PLAN SHEETS

SCALE: 1"=50' SHEET 5 OF 10 SHEETS STA. 385+67.79 R2 TO STA. 415+67.79 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	39
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

MODEL: EXCL 19-Plan 10 [Sheet]
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	DATE	-	DATE	-	REVISED	-
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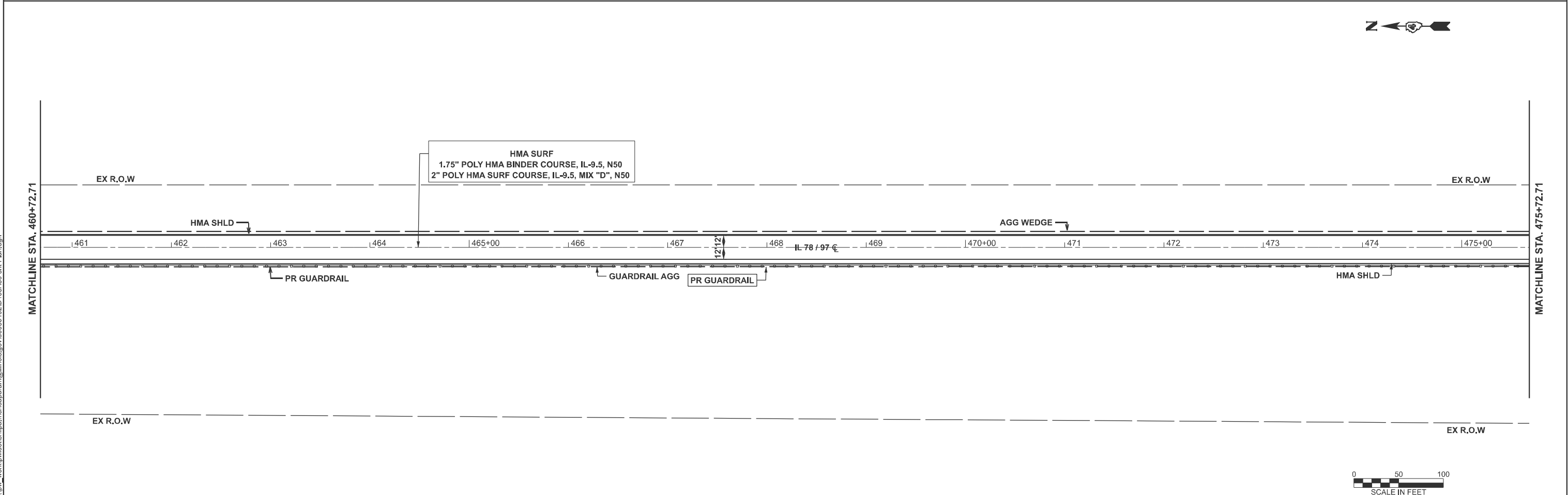
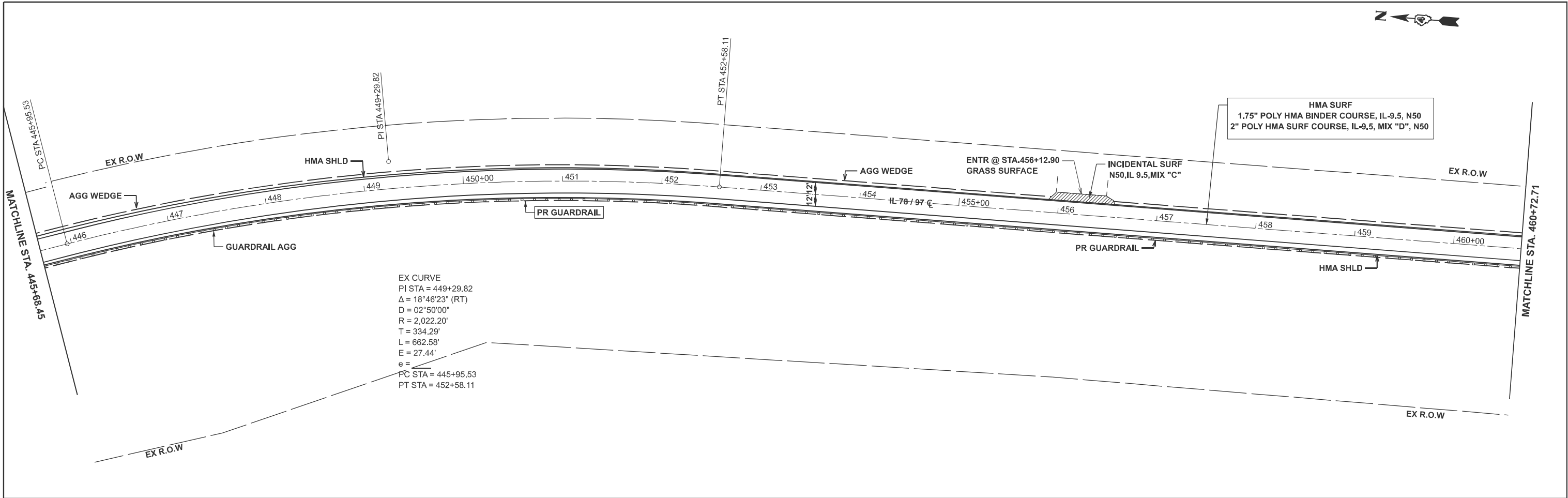
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICALS
PLAN SHEETS

SCALE: 1"=50' SHEET 6 OF 10 SHEETS STA. 415+67.79 R2 TO STA. 445+68.45 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	40
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

MODEL: EXCL 19- Plan 12 [Sheet]
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	DRAWN	-	REVIS	-	REVISED	-
	CHECKED	-	REVIS	-	REVISED	-
	DATE	-	REVIS	-	REVISED	-
PLOT DATE	= 3/20/2025		DATE	-	REVISED	-

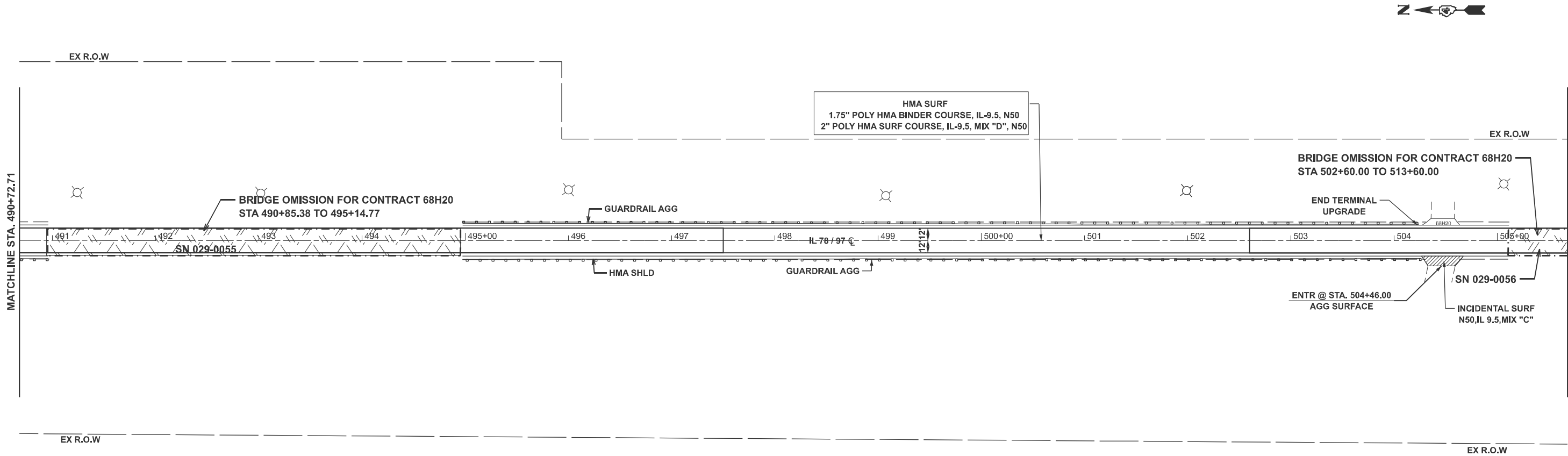
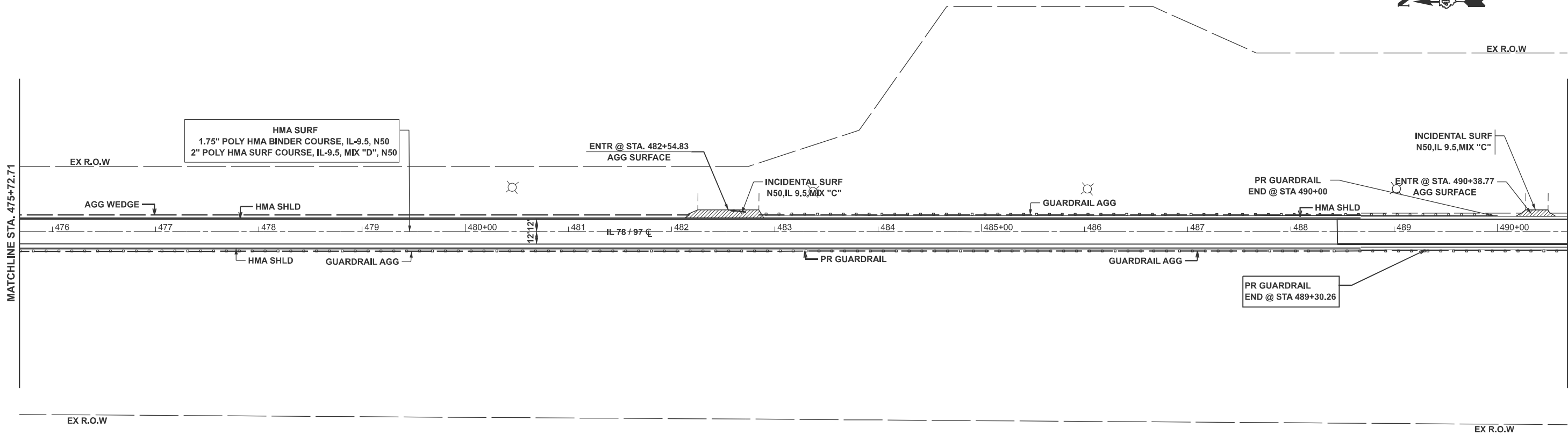
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICALS
PLAN SHEETS

SCALE: 1"=50' SHEET 7 OF 10 SHEETS STA. 445+68.45 R3 TO STA. 475+72.71 R4

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	41
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

MODEL: Excl 19 - Plan 14 [Sheet]
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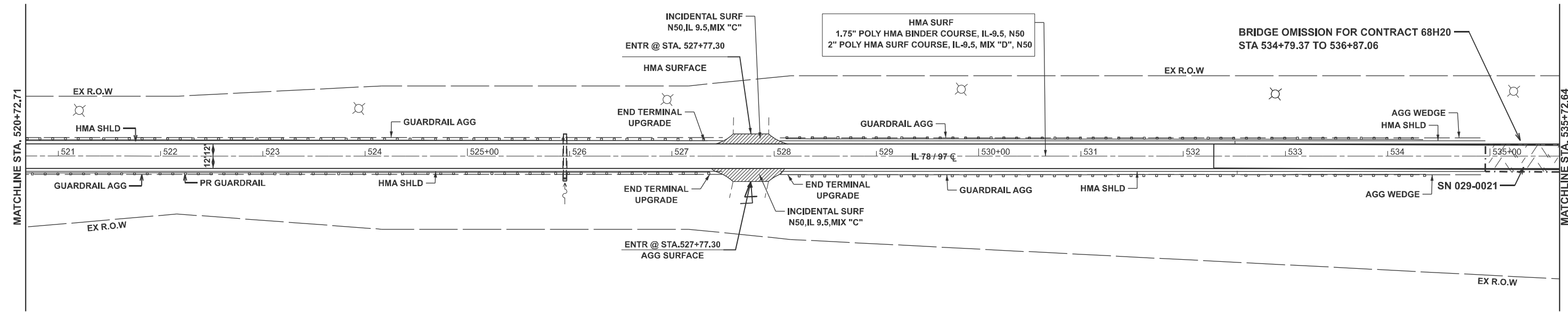
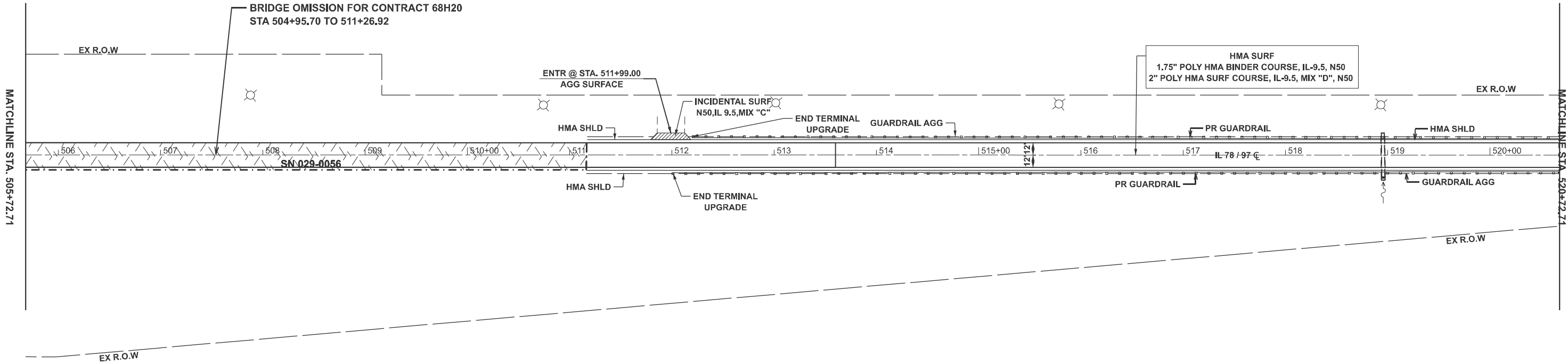
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICALS
PLAN SHEETS

SCALE: 1"=50' SHEET 8 OF 10 SHEETS STA. 475+72.71 R4 TO STA. 505+72.71 R4

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	42
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

MODEL: Excl 19-Plan 16 [Sheet]
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	DRAWN	-	CHECKED	-	REVISED	-
	DATE	-	DATE	-	REVISED	-
	PLOT DATE	= 3/20/2025				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICALS
PLAN SHEETS

SCALE: 1"=50' SHEET 9 OF 10 SHEETS STA. 505+72.71 R4 TO STA. 535+72.71 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	43
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				



LEGEND

- 1

MODIFIED URETHANE PAVEMENT MARKING - LINE 6'' (EDGE LINE - WHITE)
- 2

MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (10' DASH 30' SKIP - YELLOW)
- 3

MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (SINGLE SOLID - YELLOW)
- 4

MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (DOUBLE @13'' CENTERS - YELLOW)
- 5

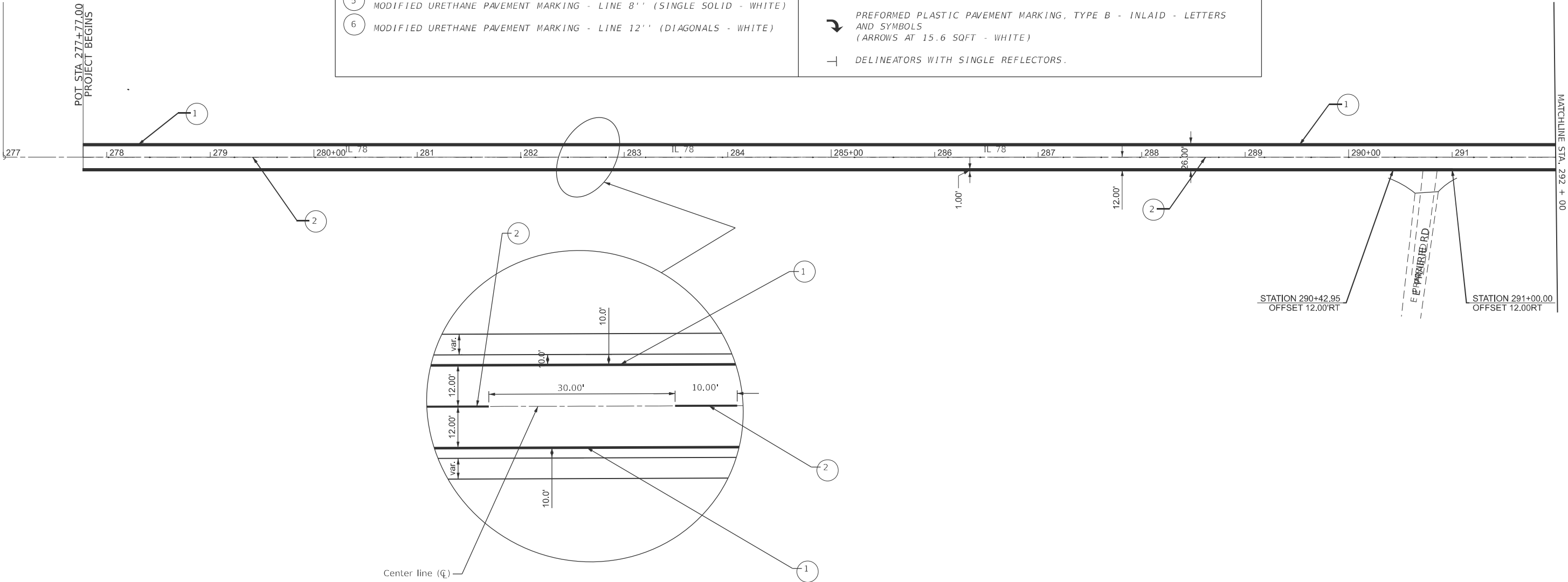
MODIFIED URETHANE PAVEMENT MARKING - LINE 8'' (SINGLE SOLID - WHITE)
- 6

MODIFIED URETHANE PAVEMENT MARKING - LINE 12'' (DIAGONALS - WHITE)
- 7

MODIFIED URETHANE PAVEMENT MARKING - LINE 6'' (2' DASH 2' SKIP - WHITE)
- 8

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24'' (STOP BAR - WHITE)
- 9

MODIFIED URETHANE PAVEMENT MARKING - 12'' (DIAGONAL - YELLOW)
- RAISED REFLECTIVE PAVEMENT MARKER AMBER 2 WAY
- RAISED REFLECTIVE PAVEMENT MARKER AMBER 1 WAY
- PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (ARROWS AT 15.6 SQFT - WHITE)
- DELINEATORS WITH SINGLE REFLECTORS.



TYPICAL MAINLINE PAVEMENT MARKING



MODEL: EXC19-Plan 1 [Sheet]
FILE NAME: c:\p\work\pilot\shilpa.mandapuram@illinois.gov\0885402\0468A86-sh-cmk.dgn

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	DRAWN -	REVISED -
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PLOT DATE = 3/20/2025	DATE -	REVISED -

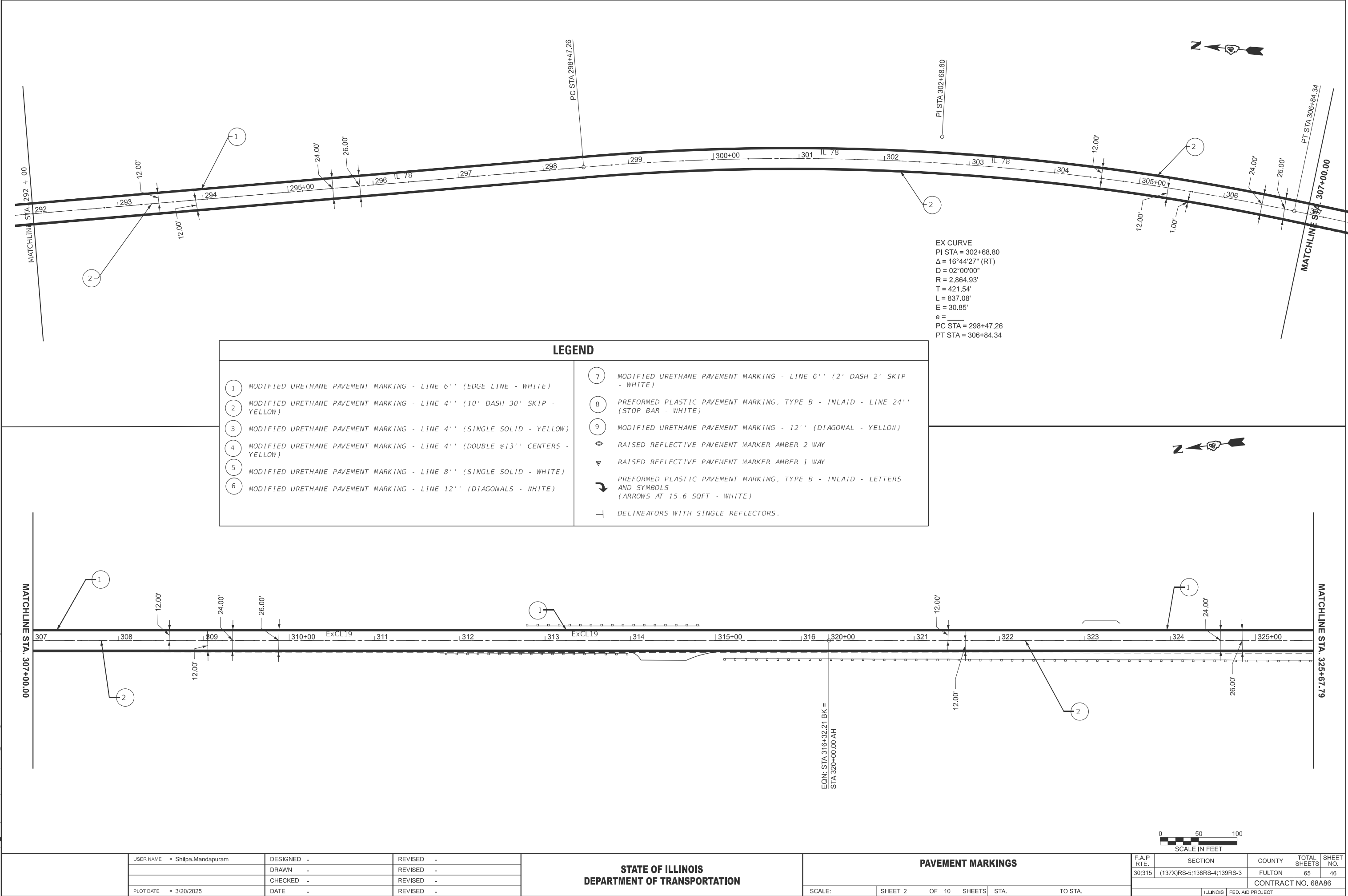
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS

SCALE: 1"=50' SHEET 1 OF 10 SHEETS STA. 277+00.00 TO STA. 292+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	45
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

MODEL: EXCL19-Plan 2 [Sheet]
FILE NAME: c:\pwwork\shilpa.mandapuram@illinois.gov\0985402\0468A86-shc-pmk.dgn



LEGEND

1

MODIFIED URETHANE PAVEMENT MARKING - LINE 6'' (EDGE LINE - WHITE)

2

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

3

MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (SINGLE SOLID - YELLOW)

4

MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (DOUBLE @13'' CENTERS - YELLOW)

5

MODIFIED URETHANE PAVEMENT MARKING - LINE 8'' (SINGLE SOLID - WHITE)

6

MODIFIED URETHANE PAVEMENT MARKING - LINE 12'' (DIAGONALS - WHITE)

7

MODIFIED URETHANE PAVEMENT MARKING - LINE 6'' (2' DASH 2' SKIP - WHITE)

8

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24'' (STOP BAR - WHITE)

9

MODIFIED URETHANE PAVEMENT MARKING - 12'' (DIAGONAL - YELLOW)

RAISED REFLECTIVE PAVEMENT MARKER AMBER 2 WAY

RAISED REFLECTIVE PAVEMENT MARKER AMBER 1 WAY

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (ARROWS AT 15.6 SOFT - WHITE)

DELINEATORS WITH SINGLE REFLECTORS.



	USER NAME	= Shilpa.Mandapuram	DESIGNED	-	REVISED	-
			DRAWN	-	REVISED	-
			CHECKED	-	REVISED	-
	PLOT DATE	= 3/20/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

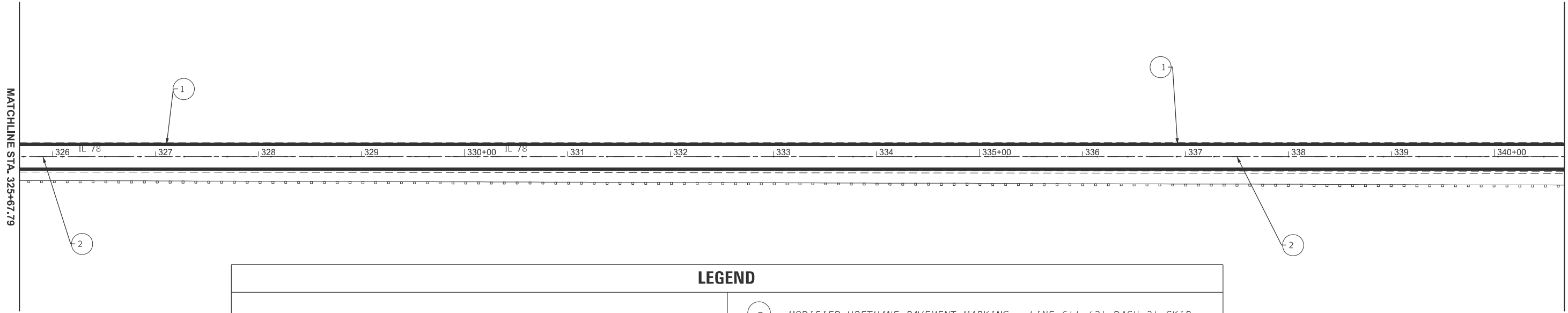
PAVEMENT MARKINGS			
SCALE:	SHEET 2	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	46
CONTRACT NO. 68A86				
		ILLINOIS	FED. AID PROJECT	



MATCHLINE STA. 325+67.79

MATCHLINE STA. 340+67.79



LEGEND

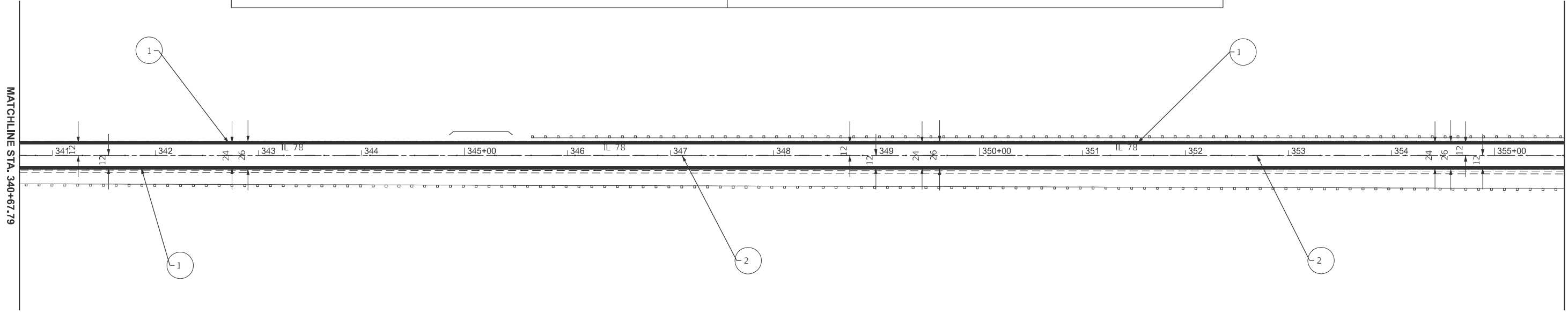
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- 2 MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (10' DASH 30' SKIP - YELLOW)
- 3 MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (SINGLE SOLID - YELLOW)
- 4 MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (DOUBLE @13'' CENTERS - YELLOW)
- 5 MODIFIED URETHANE PAVEMENT MARKING - LINE 8'' (SINGLE SOLID - WHITE)
- 6 MODIFIED URETHANE PAVEMENT MARKING - LINE 12'' (DIAGONALS - WHITE)

- 7 MODIFIED URETHANE PAVEMENT MARKING - LINE 6'' (2' DASH 2' SKIP - WHITE)
- 8 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24'' (STOP BAR - WHITE)
- 9 MODIFIED URETHANE PAVEMENT MARKING - 12'' (DIAGONAL - YELLOW)
- RAISED REFLECTIVE PAVEMENT MARKER AMBER 2 WAY
- RAISED REFLECTIVE PAVEMENT MARKER AMBER 1 WAY
- PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (ARROWS AT 15.6 SQFT - WHITE)
- DELINEATORS WITH SINGLE REFLECTORS.



MATCHLINE STA. 340+67.79

MATCHLINE STA. 355+67.79



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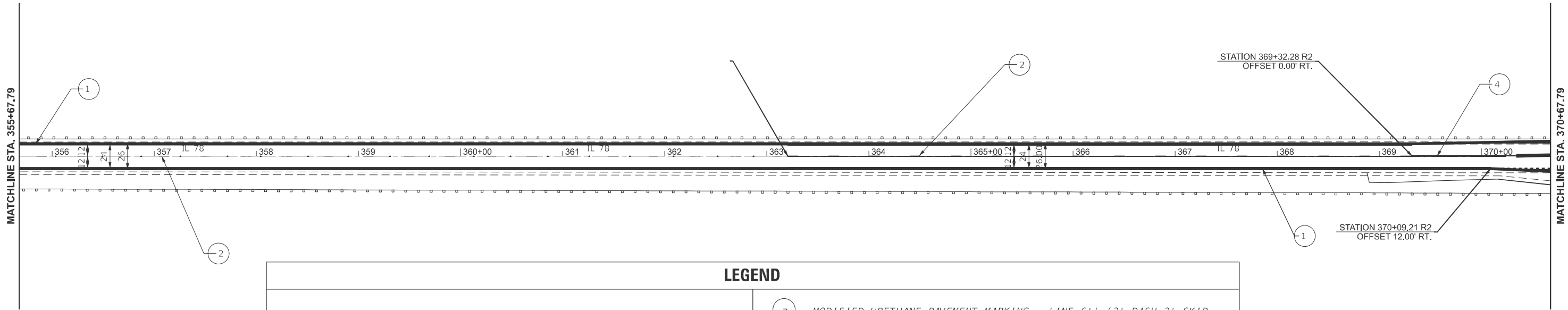
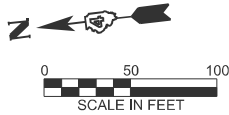
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS

SCALE: SHEET 3 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	47
CONTRACT NO. 68A86				
		ILLINOIS	FED. AID PROJECT	



LEGEND

- 1 MODIFIED URETHANE PAVEMENT MARKING - LINE 6'' (EDGE LINE - WHITE)

2 MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (10' DASH 30' SKIP - YELLOW)

3 MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (SINGLE SOLID - YELLOW)

4 MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (DOUBLE @13'' CENTERS - YELLOW)

5 MODIFIED URETHANE PAVEMENT MARKING - LINE 8'' (SINGLE SOLID - WHITE)

6 MODIFIED URETHANE PAVEMENT MARKING - LINE 12'' (DIAGONALS - WHITE)
- 7 MODIFIED URETHANE PAVEMENT MARKING - LINE 6'' (2' DASH 2' SKIP - WHITE)

8 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24'' (STOP BAR - WHITE)

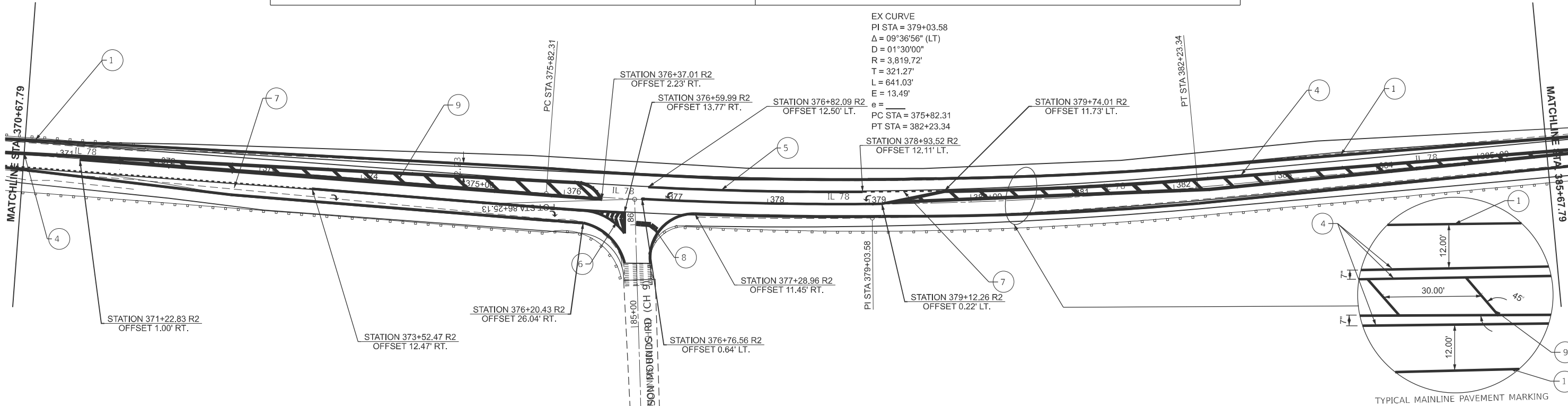
9 MODIFIED URETHANE PAVEMENT MARKING - 12'' (DIAGONAL - YELLOW)

RAISED REFLECTIVE PAVEMENT MARKER AMBER 2 WAY

RAISED REFLECTIVE PAVEMENT MARKER AMBER 1 WAY

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (ARROWS AT 15.6 SQFT - WHITE)

DELINEATORS WITH SINGLE REFLECTORS.



MODEL: EXC119-Plan 6 (Sheet)
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -
PLOT DATE = 3/20/2025		

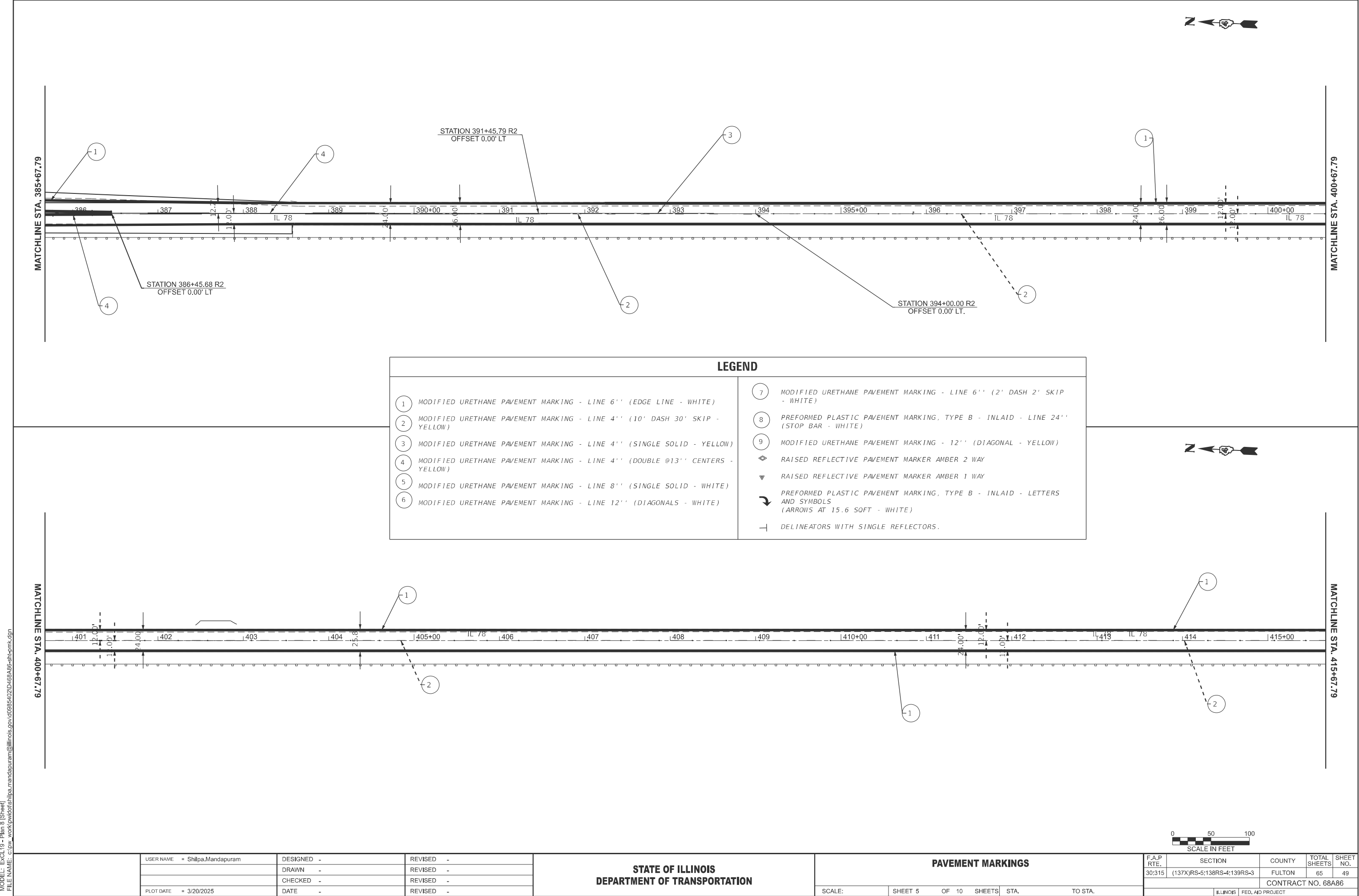
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS

SCALE: SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	48
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

MODEL: EXCL 19 - Plan 8 (Sheet)
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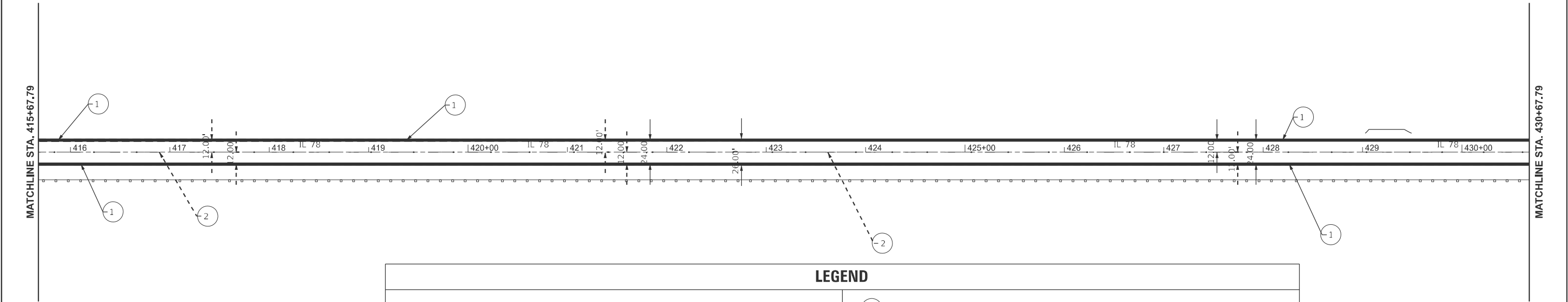
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		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 3/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS			
SCALE:	SHEET 5	OF 10 SHEETS	STA. TO STA.

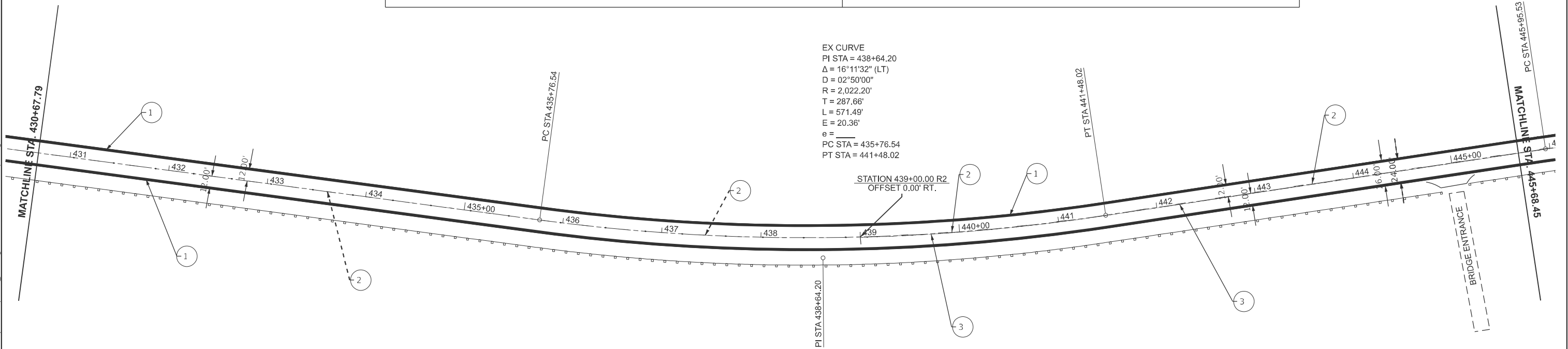
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	49
CONTRACT NO. 68A86				
ILLINOIS		FED. AID PROJECT		

MODEL: EXCL19-Plan 10 [Sheet]
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LEGEND

- | | | | |
|---|---|---|---|
| 1 | MODIFIED URETHANE PAVEMENT MARKING - LINE 6'' (EDGE LINE - WHITE) | 7 | MODIFIED URETHANE PAVEMENT MARKING - LINE 6'' (2' DASH 2' SKIP - WHITE) |
| 2 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (10' DASH 30' SKIP - YELLOW) | 8 | PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24'' (STOP BAR - WHITE) |
| 3 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (SINGLE SOLID - YELLOW) | 9 | MODIFIED URETHANE PAVEMENT MARKING - 12'' (DIAGONAL - YELLOW) |
| 4 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (DOUBLE @13'' CENTERS - YELLOW) | | RAISED REFLECTIVE PAVEMENT MARKER AMBER 2 WAY |
| 5 | MODIFIED URETHANE PAVEMENT MARKING - LINE 8'' (SINGLE SOLID - WHITE) | | RAISED REFLECTIVE PAVEMENT MARKER AMBER 1 WAY |
| 6 | MODIFIED URETHANE PAVEMENT MARKING - LINE 12'' (DIAGONALS - WHITE) | | PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (ARROWS AT 15.6 SQFT - WHITE) |
| | | | DELINEATORS WITH SINGLE REFLECTORS. |



	USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 3/20/2025	DATE -	REVISED -

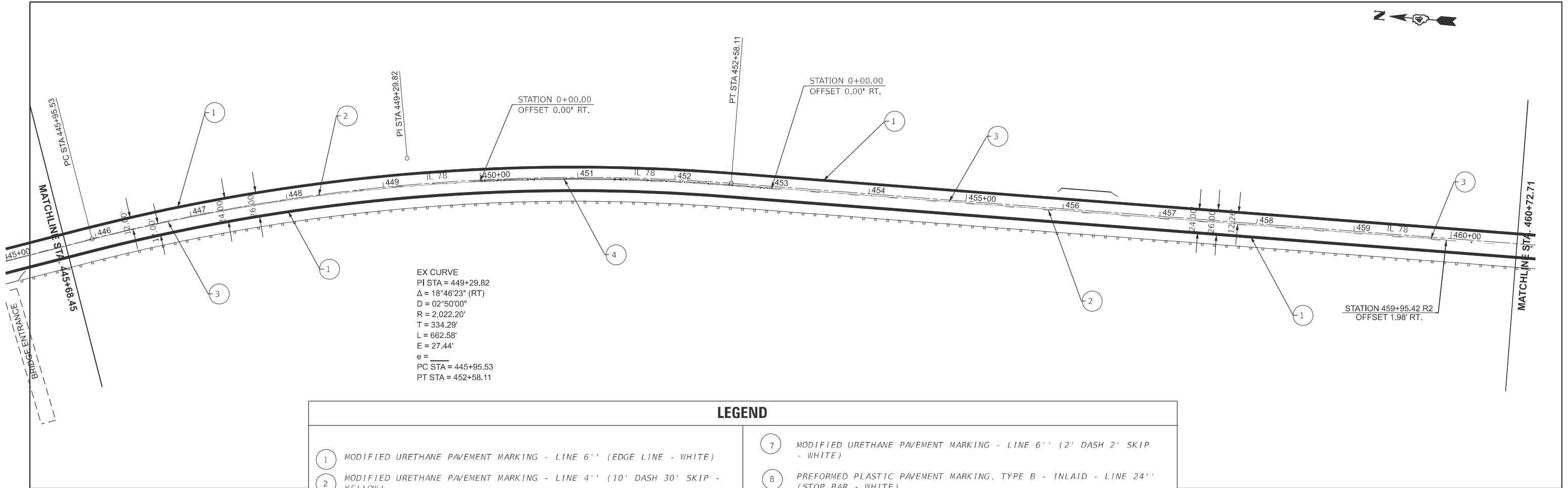
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS

SCALE: SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	50
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

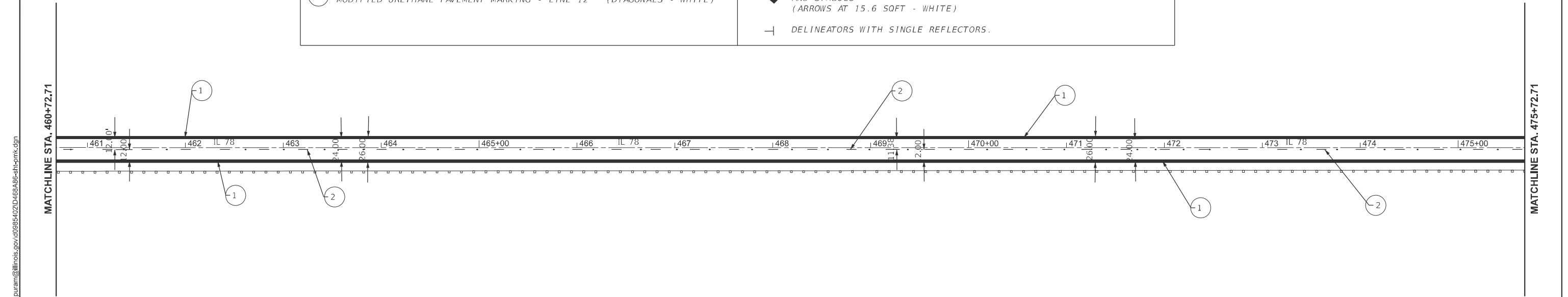
MODEL: EXC119-Plan 12 [Sheet]
FILE NAME: c:\p\work\shilpa.mandapuram@illinois.gov\0985402\468A86-sh-cmt.cgm



EX CURVE
PI STA = 449+29.82
Δ = 18°46'23" (RT)
D = 02°50'00"
R = 2,022.20'
T = 334.29'
L = 662.58'
E = 27.44'
e = _____
PC STA = 445+95.53
PT STA = 452+58.11

LEGEND

- | | | | |
|---|---|---|---|
| 1 | MODIFIED URETHANE PAVEMENT MARKING - LINE 6'' (EDGE LINE - WHITE) | 7 | MODIFIED URETHANE PAVEMENT MARKING - LINE 6'' (2' DASH 2' SKIP - WHITE) |
| 2 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (10' DASH 30' SKIP - YELLOW) | 8 | PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24'' (STOP BAR - WHITE) |
| 3 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (SINGLE SOLID - YELLOW) | 9 | MODIFIED URETHANE PAVEMENT MARKING - 12'' (DIAGONAL - YELLOW) |
| 4 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (DOUBLE @13'' CENTERS - YELLOW) | | RAISED REFLECTIVE PAVEMENT MARKER AMBER 2 WAY |
| 5 | MODIFIED URETHANE PAVEMENT MARKING - LINE 8'' (SINGLE SOLID - WHITE) | | RAISED REFLECTIVE PAVEMENT MARKER AMBER 1 WAY |
| 6 | MODIFIED URETHANE PAVEMENT MARKING - LINE 12'' (DIAGONALS - WHITE) | | PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (ARROWS AT 15.6 SQFT - WHITE) |
| | | | DELINEATORS WITH SINGLE REFLECTORS. |



	USER NAME	= Shilpa.Mandapuram	DESIGNED	-	REVISED	-
	DRAWN	-	REVIS	-	REVISED	-
	CHECKED	-	REVIS	-	REVISED	-
	DATE	-	REVIS	-	REVISED	-
	PLOT DATE	= 3/20/2025	DATE	-	REVISED	-

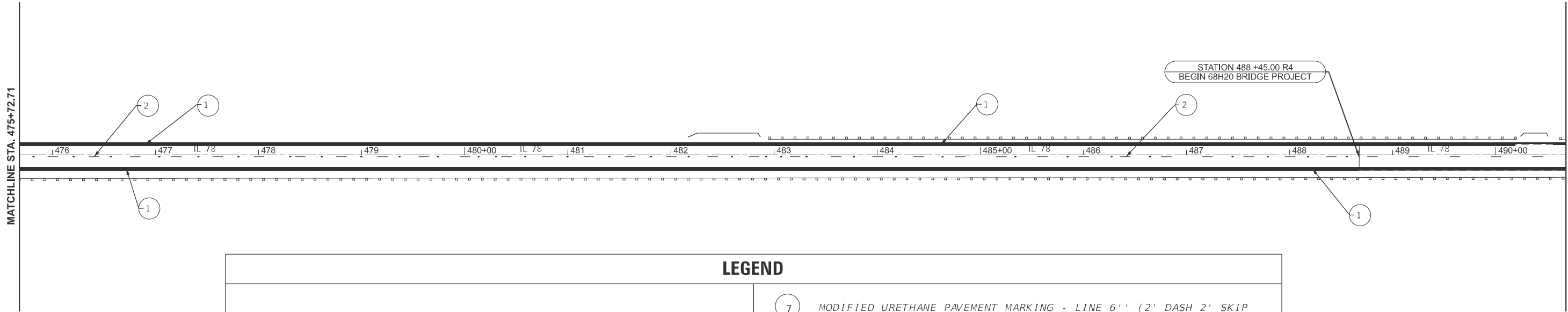
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS

SCALE: SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	51
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

MODEL: EXCJ19 - Plan 14 [Sheet]
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LEGEND

1

MODIFIED URETHANE PAVEMENT MARKING - LINE 6'' (EDGE LINE - WHITE)

2

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

3

MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (SINGLE SOLID - YELLOW)

4

MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (DOUBLE @13'' CENTERS - YELLOW)

5

MODIFIED URETHANE PAVEMENT MARKING - LINE 8'' (SINGLE SOLID - WHITE)

6

MODIFIED URETHANE PAVEMENT MARKING - LINE 12'' (DIAGONALS - WHITE)

7

MODIFIED URETHANE PAVEMENT MARKING - LINE 6'' (2' DASH 2' SKIP - WHITE)

8

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24'' (STOP BAR - WHITE)

9

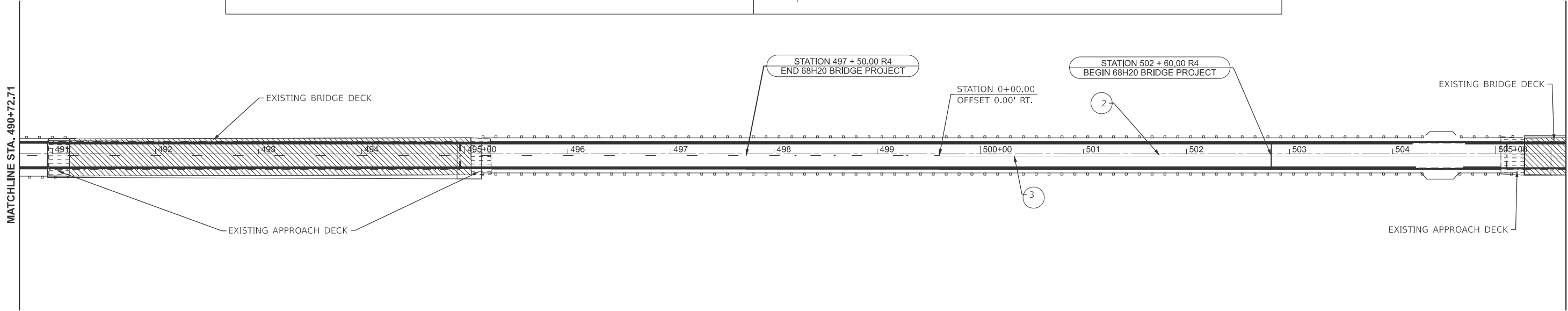
MODIFIED URETHANE PAVEMENT MARKING - 12'' (DIAGONAL - YELLOW)

RAISED REFLECTIVE PAVEMENT MARKER AMBER 2 WAY

RAISED REFLECTIVE PAVEMENT MARKER AMBER 1 WAY

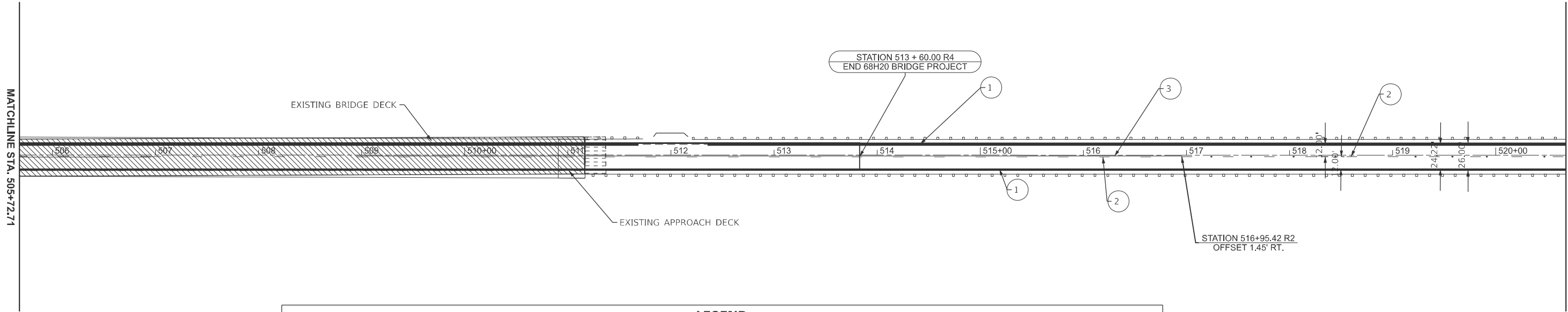
PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (ARROWS AT 15.6 SQFT - WHITE)

DELINEATORS WITH SINGLE REFLECTORS.

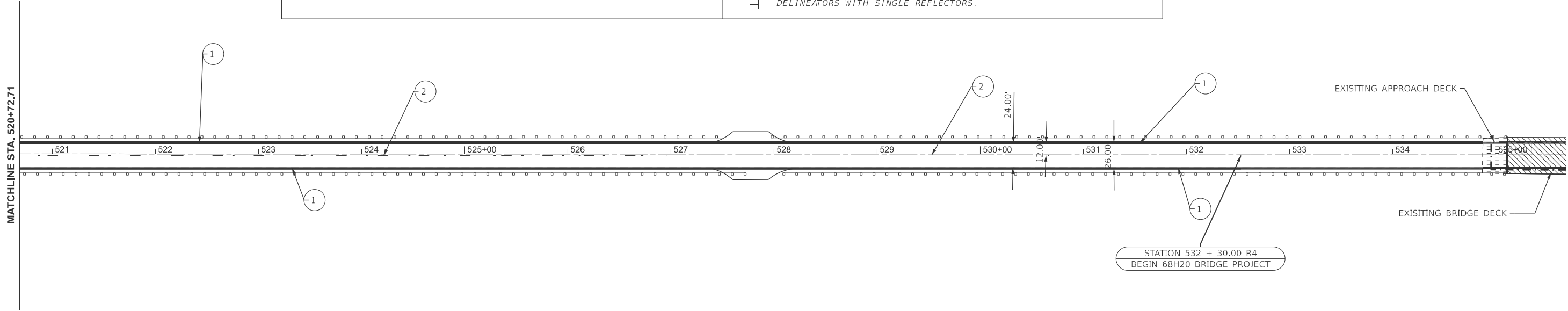


	USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKINGS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 3/20/2025	CHECKED -	REVISED -		CONTRACT NO. 68A86			ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -		SCALE:	SHEET 8	OF 10 SHEETS	STA.	TO STA.			

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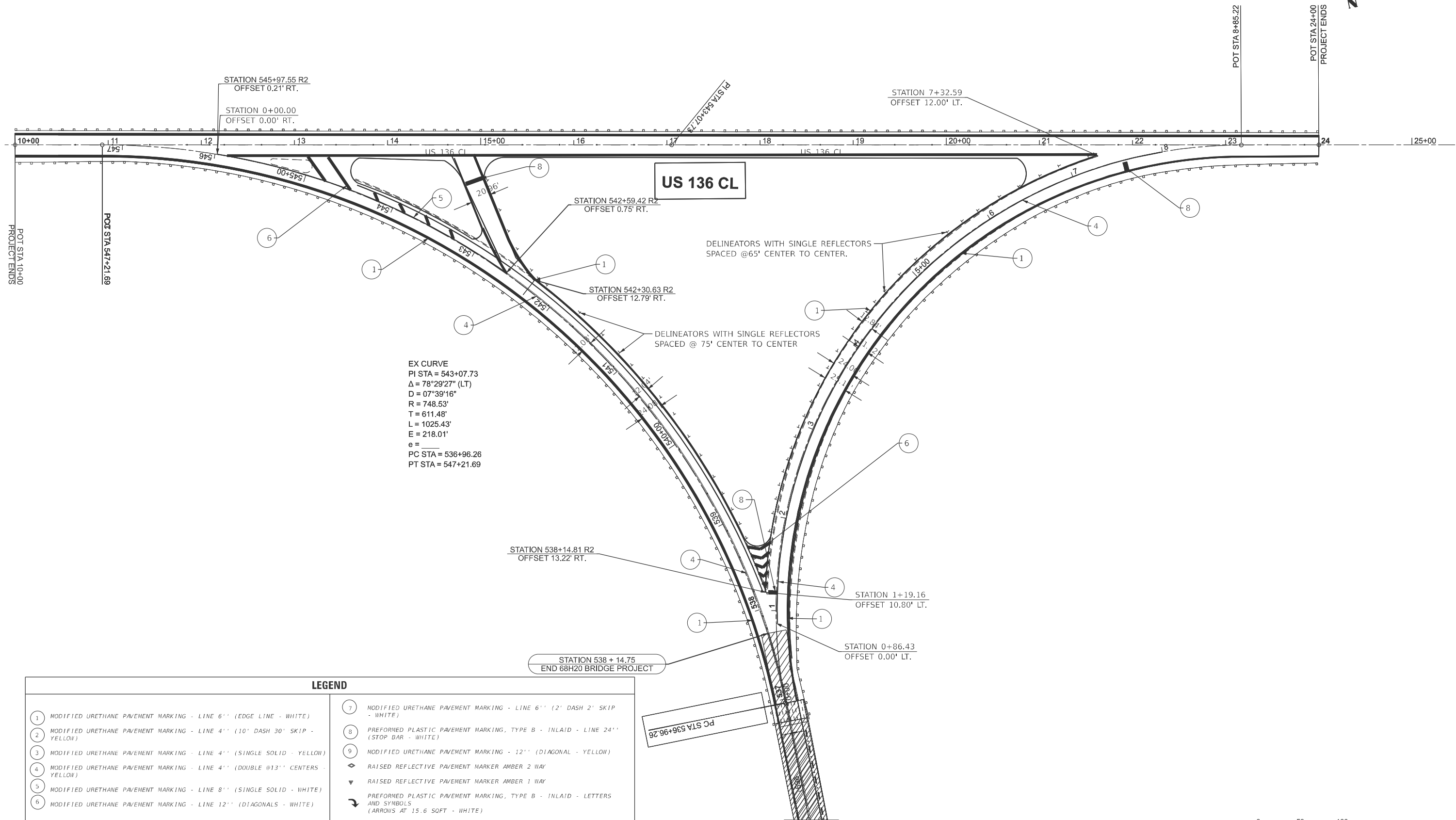


LEGEND	
1	MODIFIED URETHANE PAVEMENT MARKING - LINE 6'' (EDGE LINE - WHITE)
2	MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (10' DASH 30' SKIP - YELLOW)
3	MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (SINGLE SOLID - YELLOW)
4	MODIFIED URETHANE PAVEMENT MARKING - LINE 4'' (DOUBLE @13'' CENTERS - YELLOW)
5	MODIFIED URETHANE PAVEMENT MARKING - LINE 8'' (SINGLE SOLID - WHITE)
6	MODIFIED URETHANE PAVEMENT MARKING - LINE 12'' (DIAGONALS - WHITE)
7	MODIFIED URETHANE PAVEMENT MARKING - LINE 6'' (2' DASH 2' SKIP - WHITE)
8	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24'' (STOP BAR - WHITE)
9	MODIFIED URETHANE PAVEMENT MARKING - 12'' (DIAGONAL - YELLOW)
	RAISED REFLECTIVE PAVEMENT MARKER AMBER 2 WAY
	RAISED REFLECTIVE PAVEMENT MARKER AMBER 1 WAY
	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (ARROWS AT 15.6 SQFT - WHITE)
	DELINEATORS WITH SINGLE REFLECTORS.



	USER NAME = Ghada.Zreik	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKINGS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	53
		CHECKED -	REVISED -					CONTRACT NO. 68A86				
	PLOT DATE = 3/20/2025	DATE -	REVISED -		SCALE:	SHEET 9	OF 10 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: EXC119-Plan 18 [Sheet]
FILE NAME: c:\p\work\shilpa.mandapuram\illinois.gov\0885402\0468A86-sh-cmt.dgn



LEGEND

- | | | | |
|---|---|---|---|
| 1 | MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (EDGE LINE - WHITE) | 7 | MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (2' DASH 2' SKIP - WHITE) |
| 2 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (10' DASH 30' SKIP - YELLOW) | 8 | PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" (STOP BAR - WHITE) |
| 3 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SINGLE SOLID - YELLOW) | 9 | MODIFIED URETHANE PAVEMENT MARKING - 12" (DIAGONAL - YELLOW) |
| 4 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (DOUBLE @13" CENTERS - YELLOW) | | RAISED REFLECTIVE PAVEMENT MARKER AMBER 2 WAY |
| 5 | MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SINGLE SOLID - WHITE) | | RAISED REFLECTIVE PAVEMENT MARKER AMBER 1 WAY |
| 6 | MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (DIAGONALS - WHITE) | | PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (ARROWS AT 15.6 SOFT - WHITE) |
| | | | DELINEATORS WITH SINGLE REFLECTORS. |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS

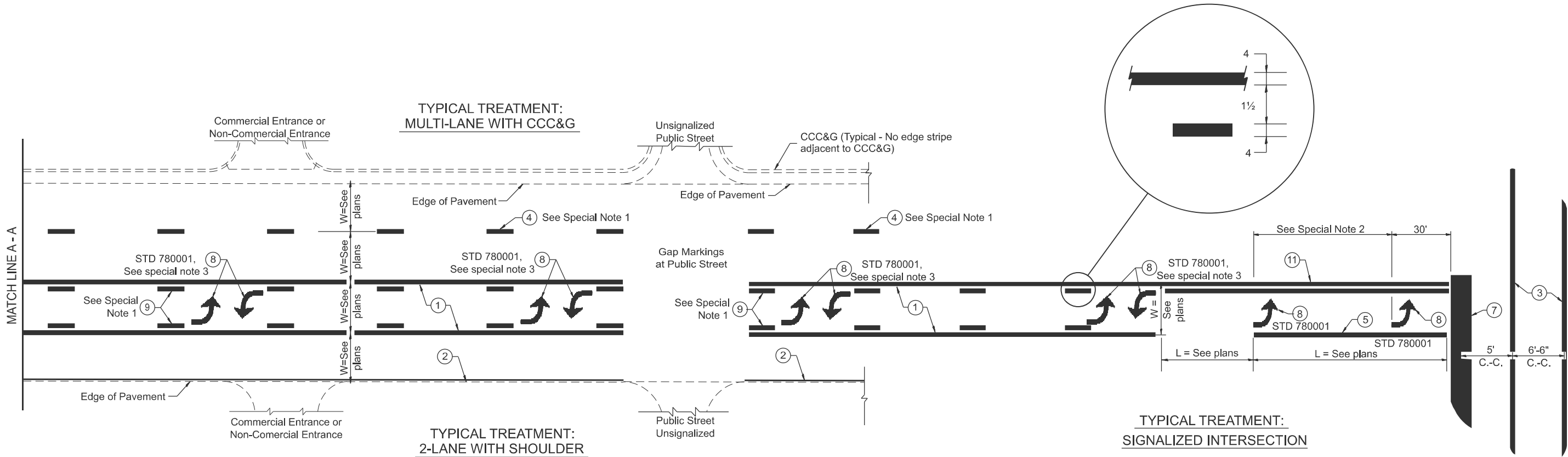
SCALE: 1"=50' SHEET 10 OF 10 SHEETS STA. 10+46.19 TO STA. 25+46.19



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	54
CONTRACT NO. 68A86				
ILLINOIS FED. AID PROJECT				

DESIGNER NOTES:

MODEL: D4-780001-01 1. Include State Standard 780001 (Typical Pavement Markings)
FILE NAME: c:\pawork\pawork\shilpa.mandapuram\illinois\gov\09665421\09665421-01\09665421-01.dgn



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 4 Solid (White)
- 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)

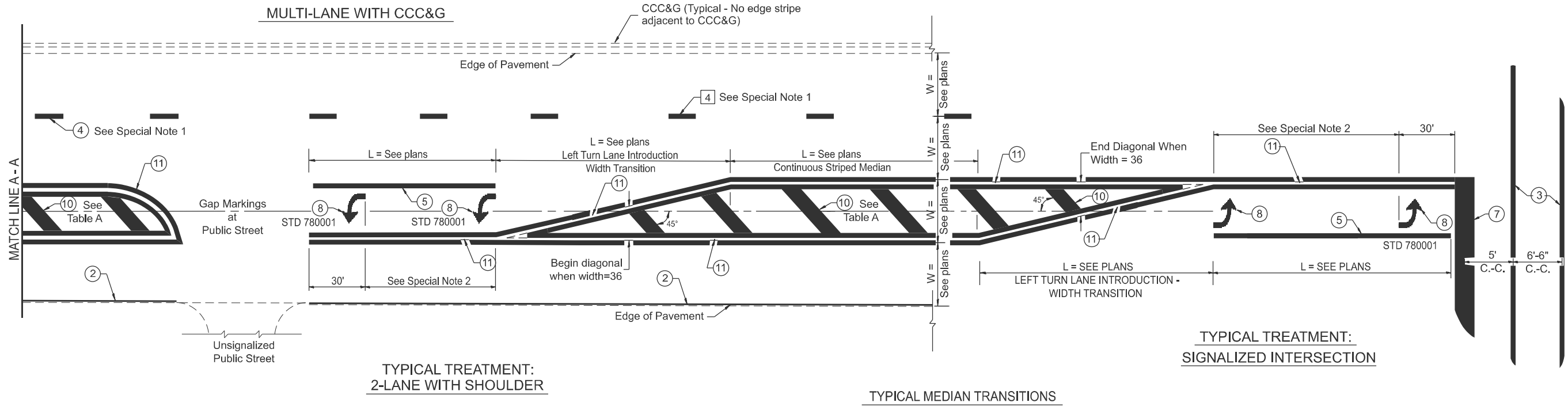
SPECIAL NOTES

- ~~Skip-Dash markings will be centered between~~ both ends of city blocks and shall be placed in alignment transversely across the pavement.
- 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.
- 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

- Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
- See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
- Refer to Article 780.13 for letter, number and symbol areas (sq. ft.).
- 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)

	USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS				F.A.P RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -						30/315	(137X)RS-5;138RS-4;139RS-3		FULTON	65	55	
		CHECKED -	REVISED -		DISTRICT 4 DETAIL NO. 780001						CONTRACT NO. 68A86				
	PLOT DATE = 3/20/2025	DATE -	REVISED -		SCALE:NOT TO SCALE						SHEET 1	OF 11	SHEETS	STA.	TO STA.
					ILLINOIS						FED. AID PROJECT				

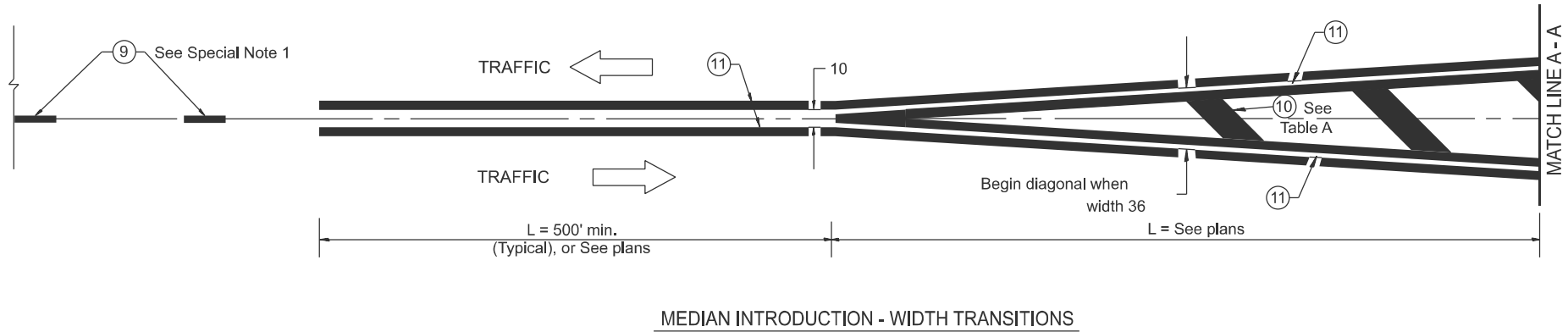


FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A

RECOMMENDED SPACING BETWEEN DIAGONAL LINES

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



All dimensions are in inches unless otherwise noted.

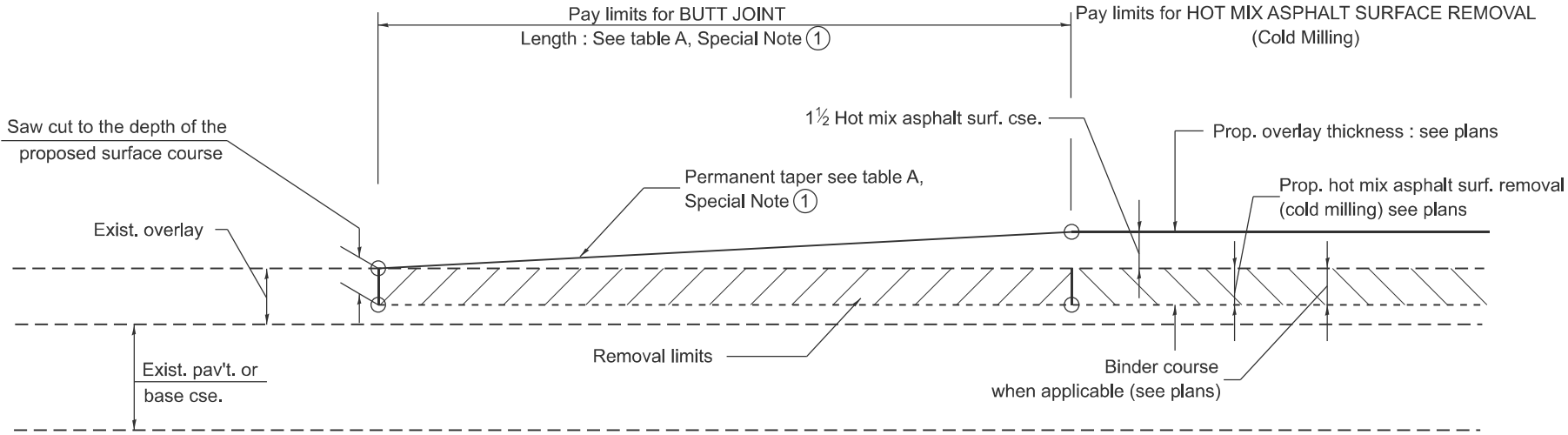
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS

SCALE: NOT TO SCALE SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	56
DISTRICT 4 DETAIL NO. 780001		CONTRACT NO. 68A86		
ILLINOIS		FED. AID PROJECT		

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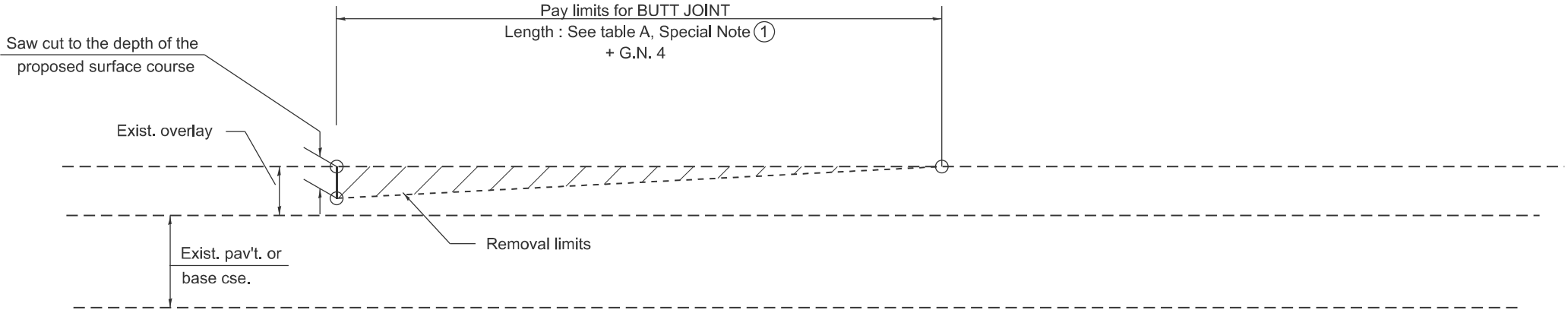
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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.

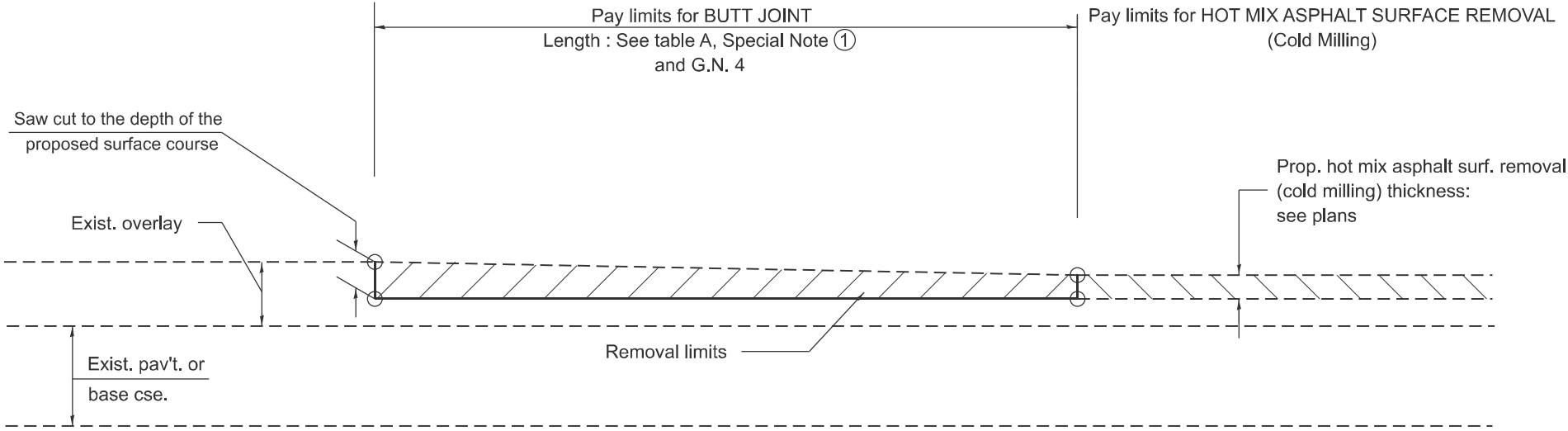


CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

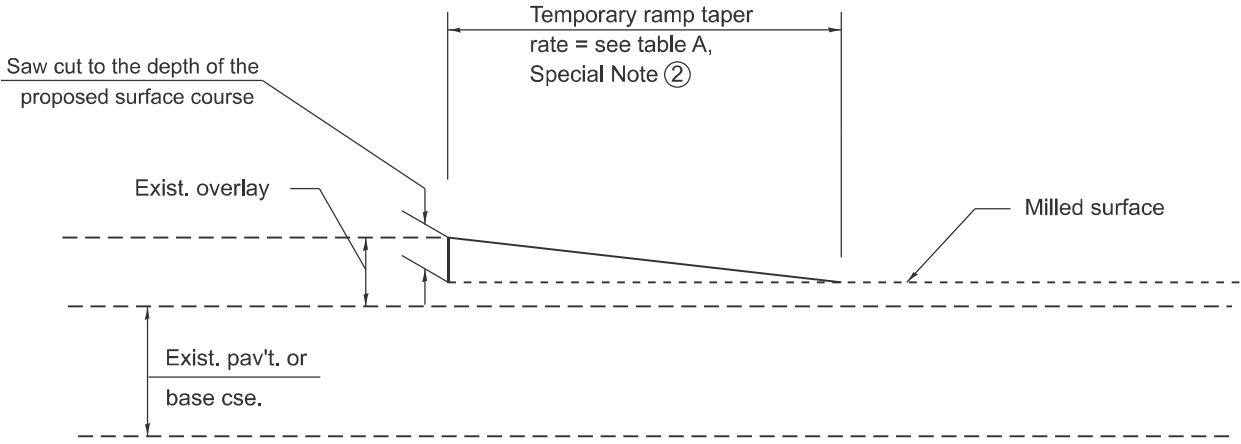
All dimensions are in inches unless otherwise noted.

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		DRAWN -	REVISED -						30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	57
		CHECKED -	REVISED -						DISTRICT 4 STANDARD NO. 406101 CONTRACT NO. 68A86				
	PLOT DATE = 3/20/2025	DATE -	REVISED -		SCALE:NOT TO SCALE	SHEET 3	OF 11	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



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

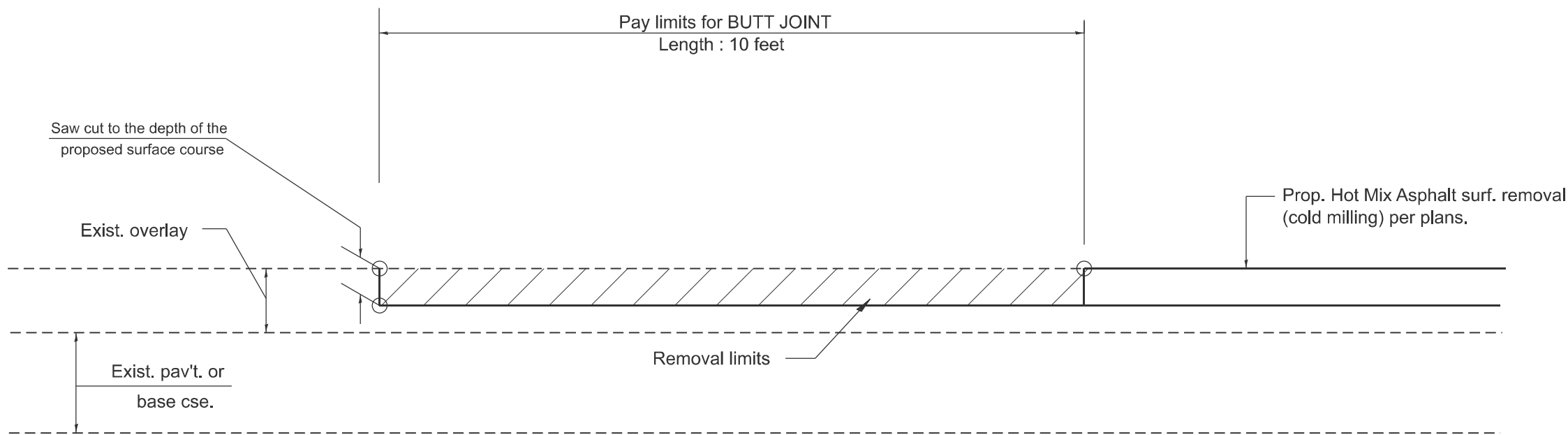


DETAIL TEMPORARY RAMP

All dimensions are in inches unless otherwise noted.

MODEL: D4-406101-02
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		DRAWN -	REVISED -						30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	58
		CHECKED -	REVISED -		SCALE:NOT TO SCALE SHEET 4 OF 11 SHEETS STA. TO STA.				DISTRICT 4 STANDARD NO. 406101 CONTRACT NO. 68A86				
	PLOT DATE = 3/20/2025	DATE -	REVISED -						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**

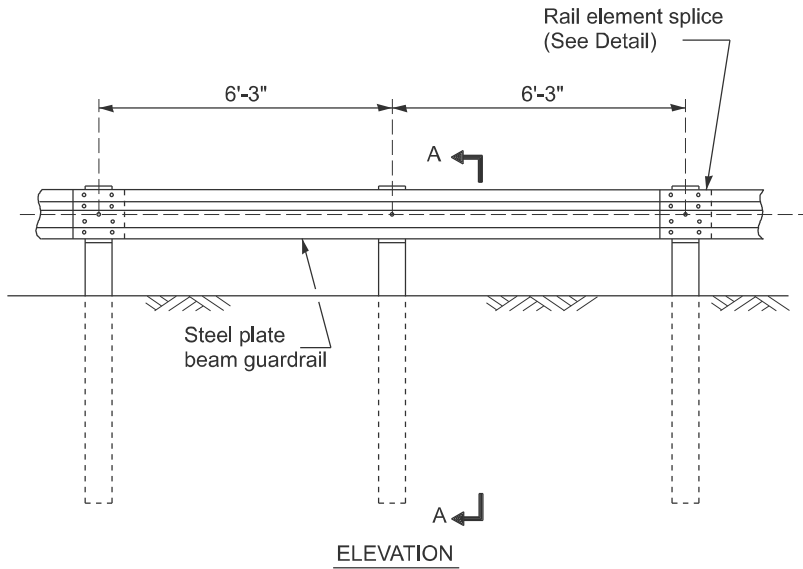
All dimensions are in inches
unless otherwise noted.

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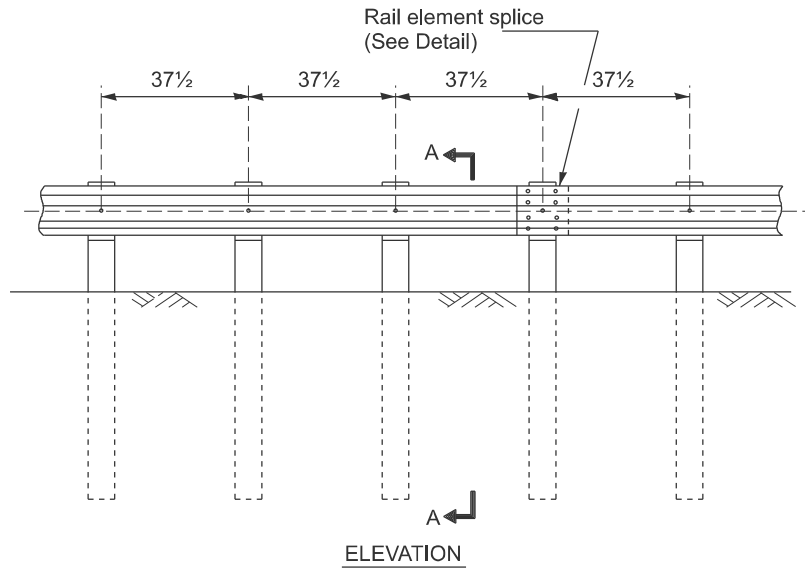
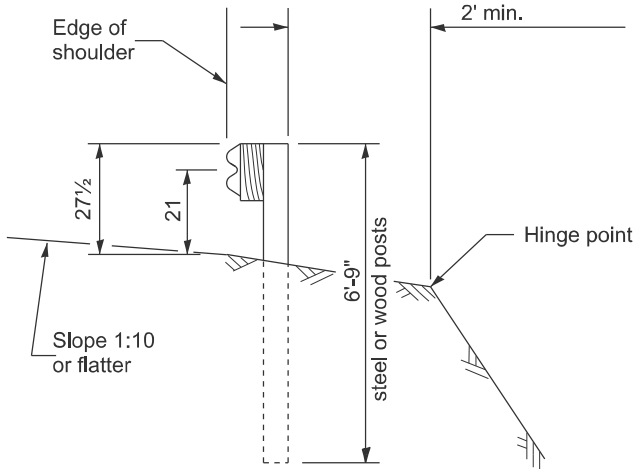
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		DRAWN -	REVISED -					30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	59
		CHECKED -	REVISED -		SCALE:NOT TO SCALE			DISTRICT 4 STANDARD NO. 406101				
	PLOT DATE = 3/20/2025	DATE -	REVISED -		SHEET 5	OF 11	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

DESIGNER NOTE: Use this CADD Standard when removing and re-erecting existing non-MGS guardrail that was originally installed prior to January 1, 2007 or to replace existing rail to match existing non-MGS rail. Note this is removing and re-erecting so the 27" height is maintained. If installing the new style MGS guardrail use the State Standard.

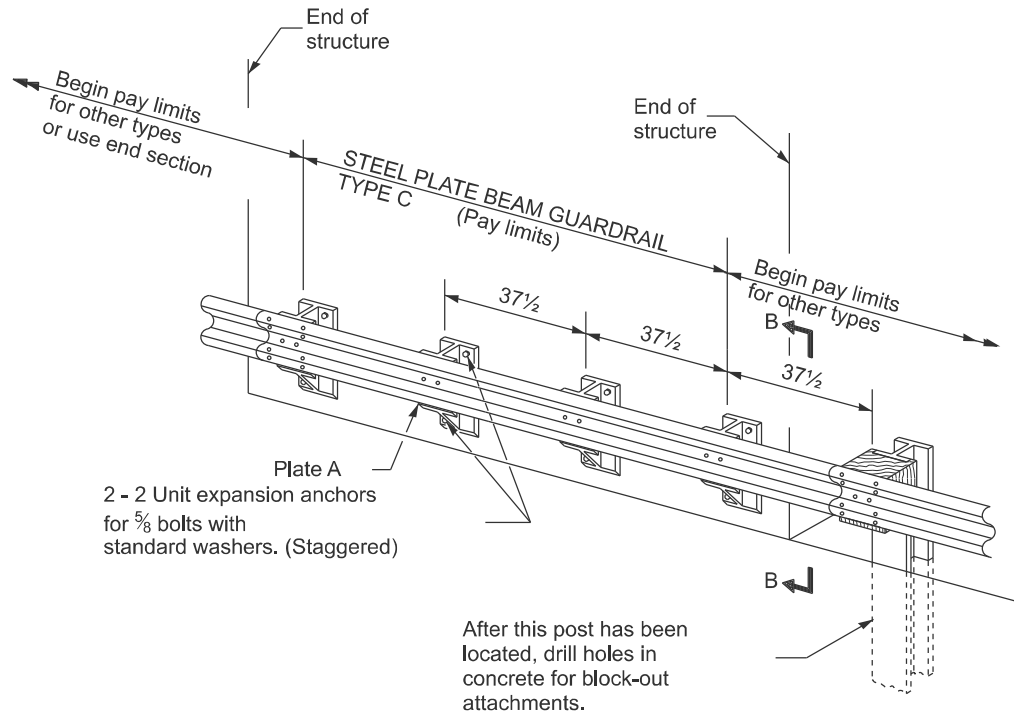
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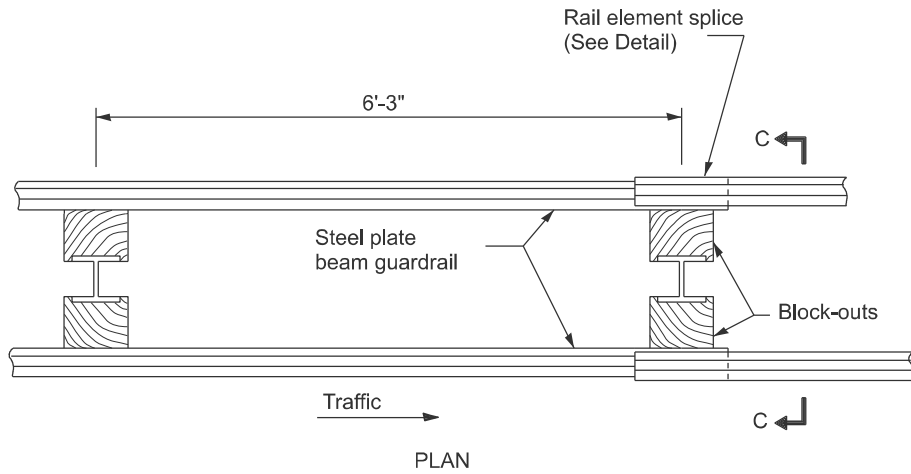
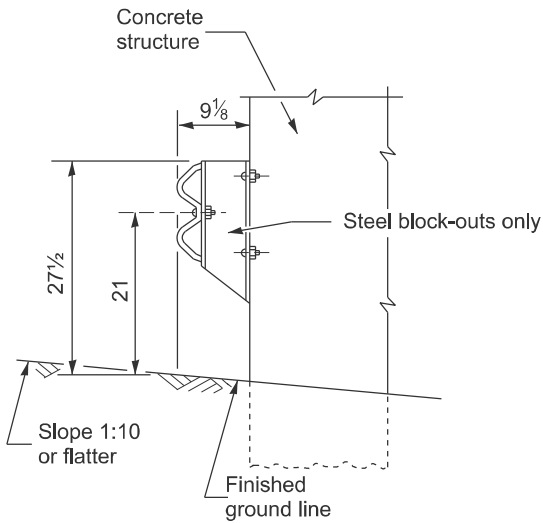
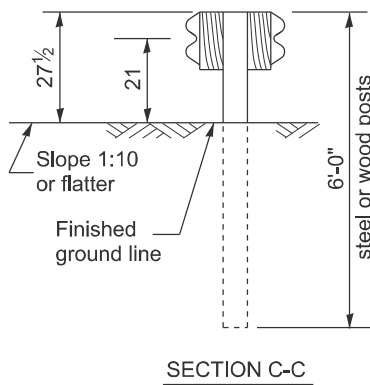
TYPE A
6'-3" Typical post spacing



TYPE B
37½ Closed post spacing



TYPE C
37½ Block-out spacing



TYPE D
Double steel plate beam guardrail
6' - 3" typical post spacing

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

The existing steel posts may be drilled to match the bolt pattern shown herein for the wood block-out, or a new steel post shall be provided.

This detail is applicable to the guardrail system used prior to January 1, 2007. For details on the Midwest Guardrail System, see Standard 630001.

All dimensions are in inches unless otherwise noted.

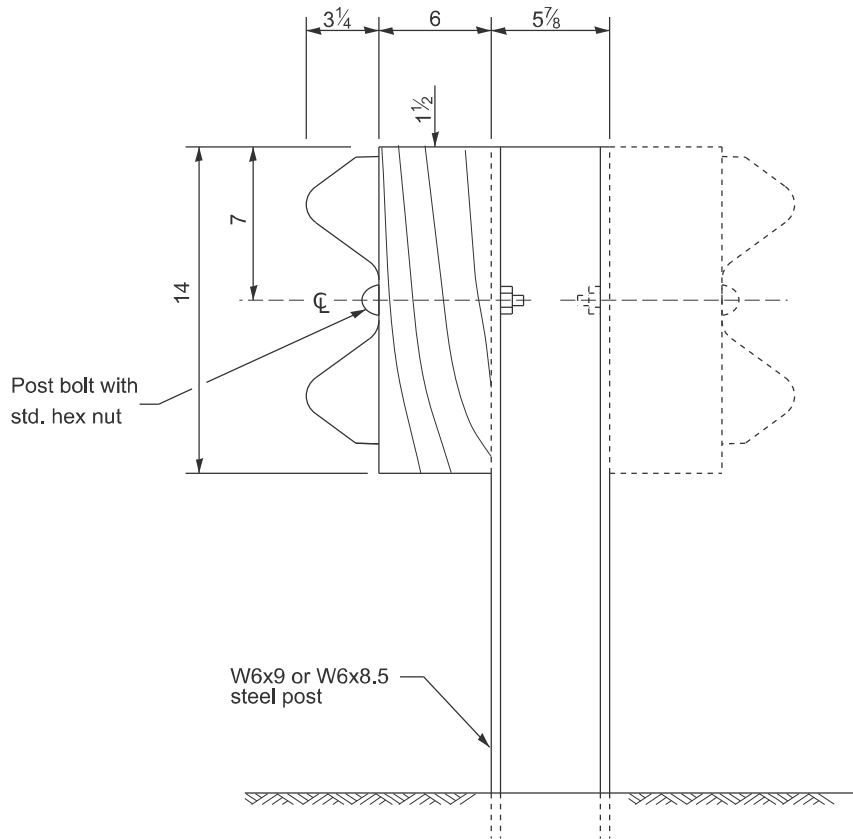
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	DRAWN	-	REVIS	-	REVISED	-
	CHECKED	-	REVIS	-	REVISED	-
	DATE	-	REVIS	-	REVISED	-
PLOT DATE	= 3/20/2025		DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

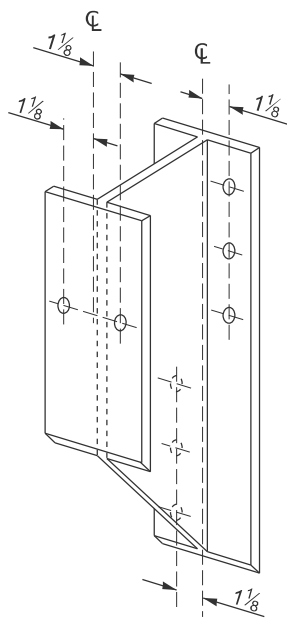
STEEL PLATE BEAM GUARDRAIL, TYPE A, 6.75 FOOT POSTS

SCALE: NOT TO SCALE SHEET 6 OF 11 SHEETS STA. TO STA.

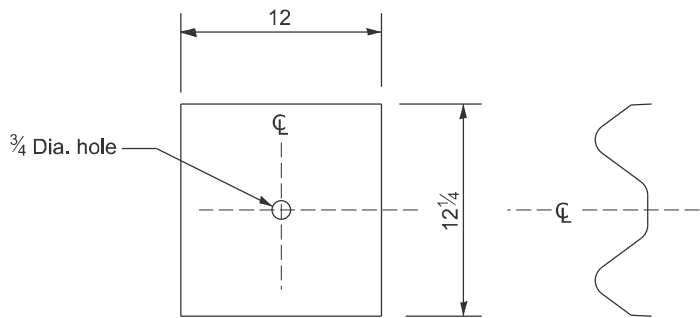
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	60
DISTRICT 4 DETAIL NO. 630011		CONTRACT NO. 68A86		
ILLINOIS		FED. AID PROJECT		



STEEL POST CONSTRUCTION



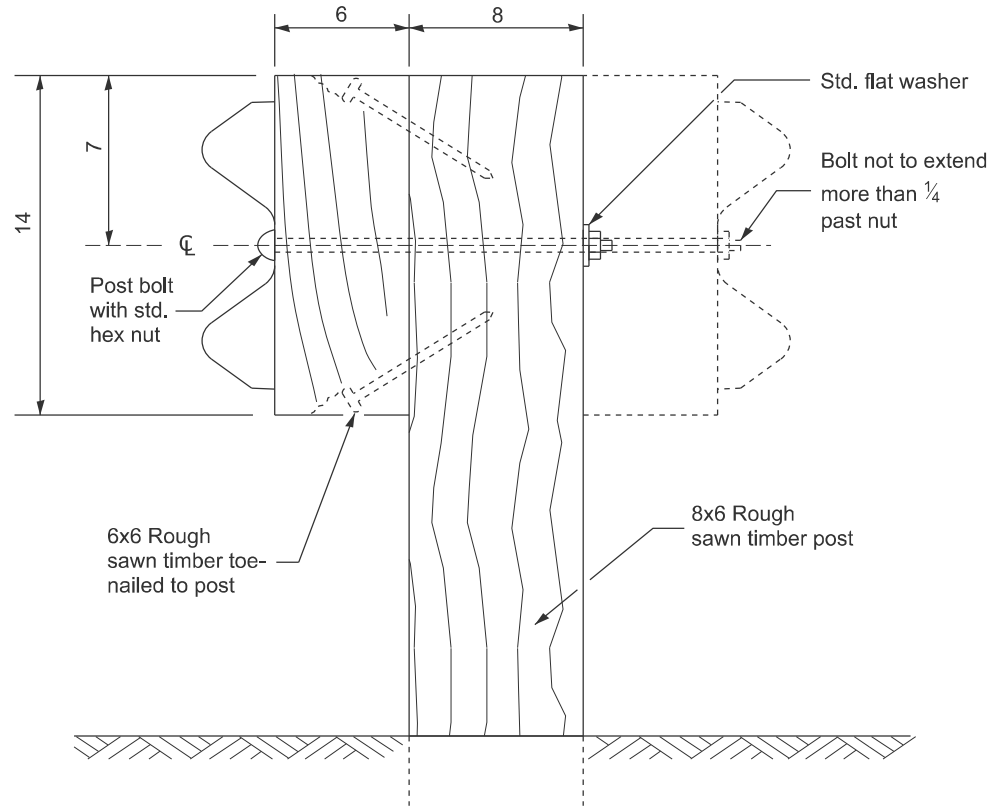
STEEL BLOCK-OUT DETAIL



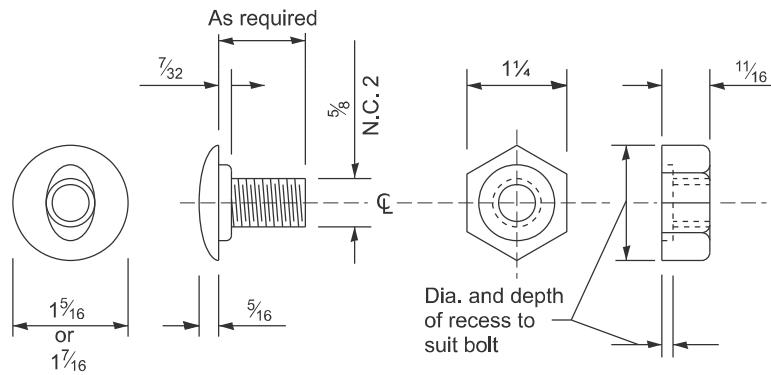
NOTE

Plate A shall be placed between rail element and block-out at non-splice mounting points only when steel block-outs are used.

PLATE A



WOOD POST CONSTRUCTION



POST OR SPLICE BOLT & NUT

All dimensions are in inches unless otherwise noted.

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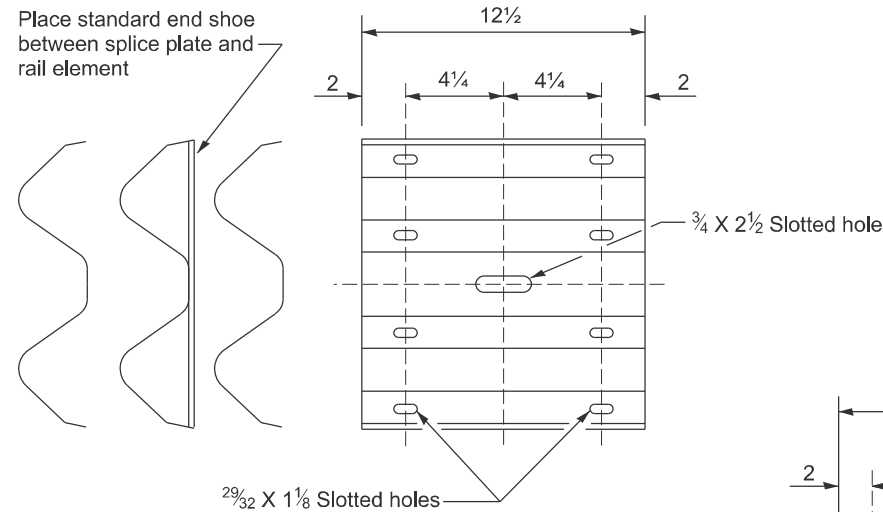
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		DRAWN	-	REVISED	-
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PLOT DATE	= 3/20/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

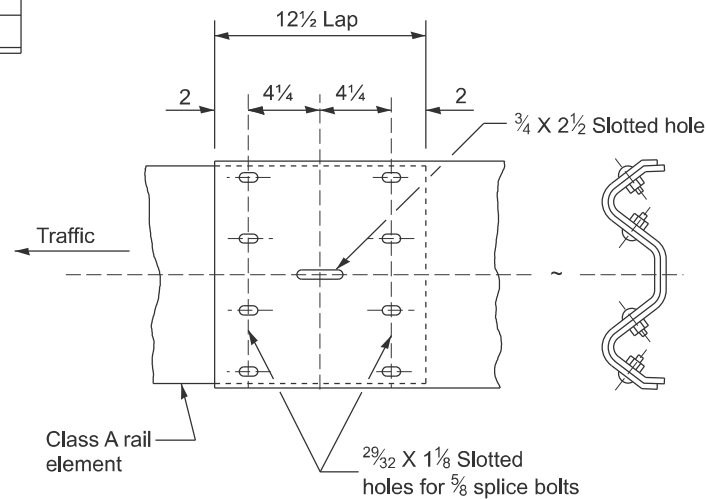
STEEL PLATE BEAM GUARDRAIL, TYPE A,
6.75 FOOT POSTS

SCALE: NOT TO SCALE SHEET 7 OF 11 SHEETS STA. TO STA.

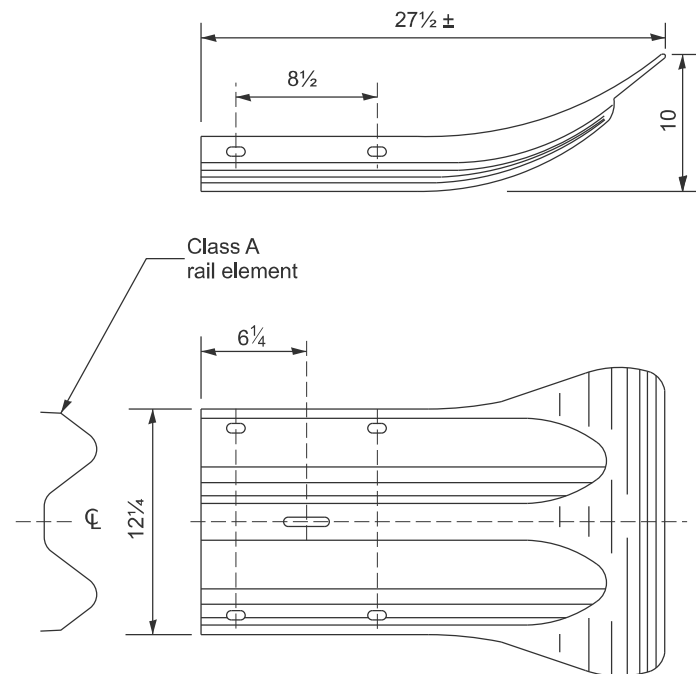
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30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	61
DISTRICT 4 DETAIL NO. 630011		CONTRACT NO. 68A86		
ILLINOIS		FED. AID PROJECT		



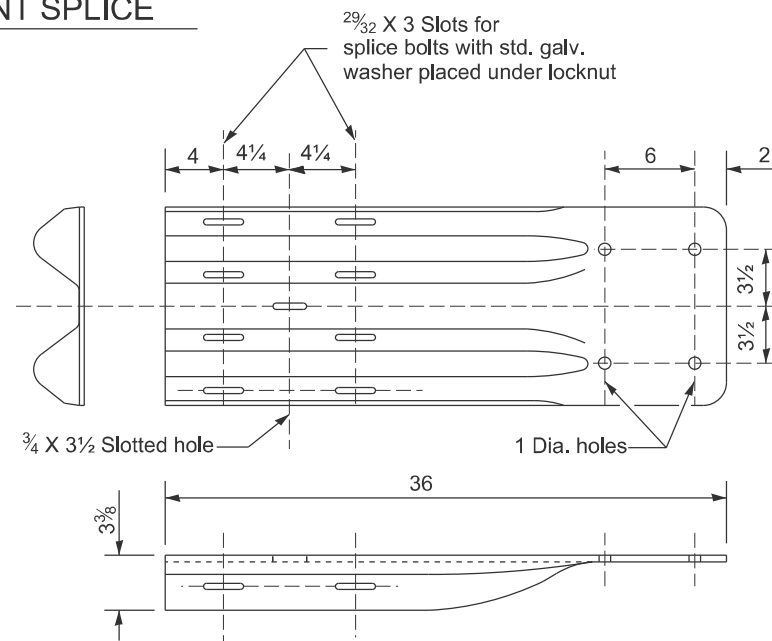
SPLICE PLATE



RAIL ELEMENT SPLICE



END SECTION



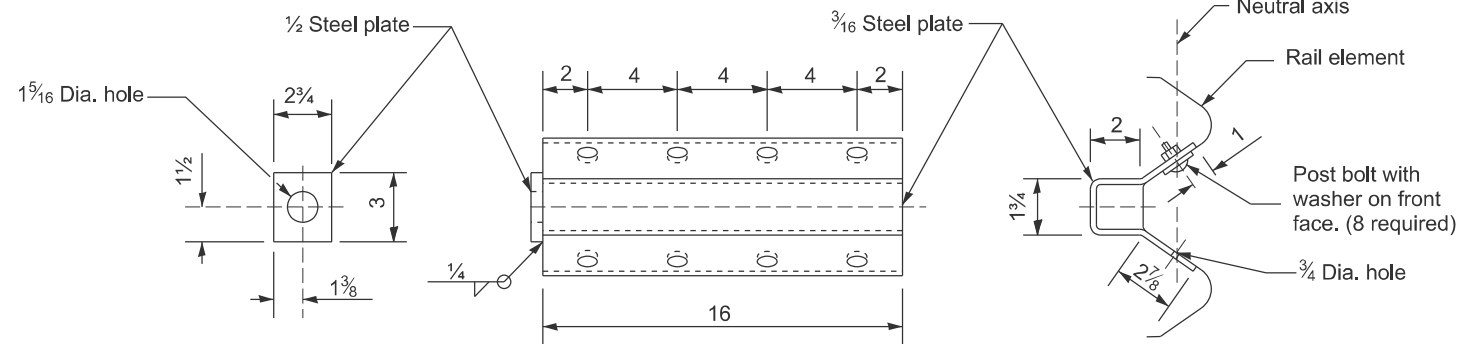
NOTE

When end shoe is attached to a bridge parapet which has an expansion joint, the bolts shall be provided with a locknut or double nut and shall be tightened only to a point that will allow guardrail movement.

The standard end shoe shall be attached to the concrete with pre-drilled or self-drilling anchor bolts. The anchor cone shall be set flush with the surface of the concrete.

Externally threaded studs protruding from the surface of the concrete will not be permitted.

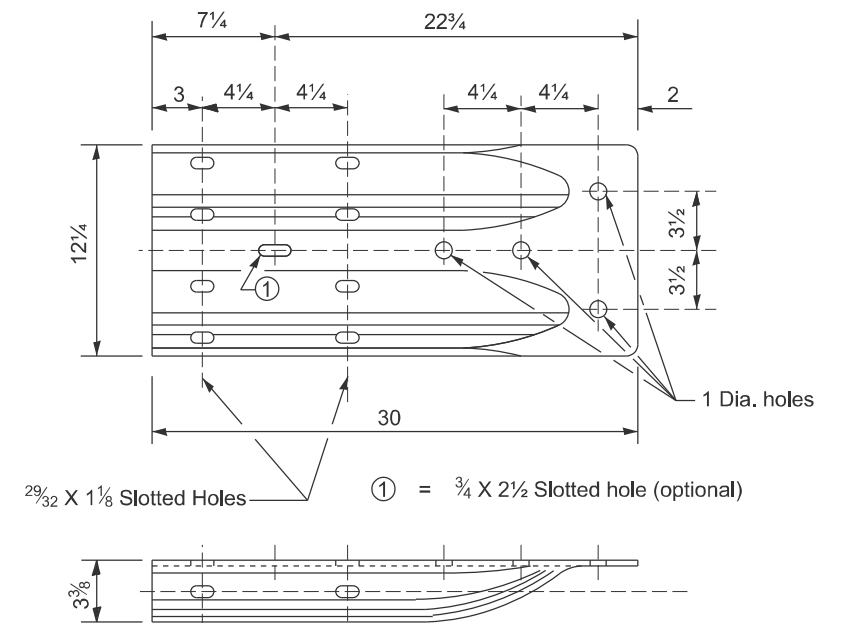
END SHOE



NOTE

Anchor plate T shall be used to attach cable assembly to guardrail when required on traffic barrier terminals.

ANCHOR PLATE T DETAILS



ALTERNATE END SHOE

All dimensions are in inches unless otherwise noted.

MODEL: D4-630011-03
FILE NAME: c:\p\work\pwtolshilpa.mandapuram@illinois.gov\d1095459\D4-630011.dgn

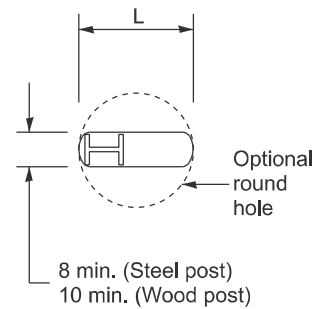
USER NAME = Ghada.Zreik	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

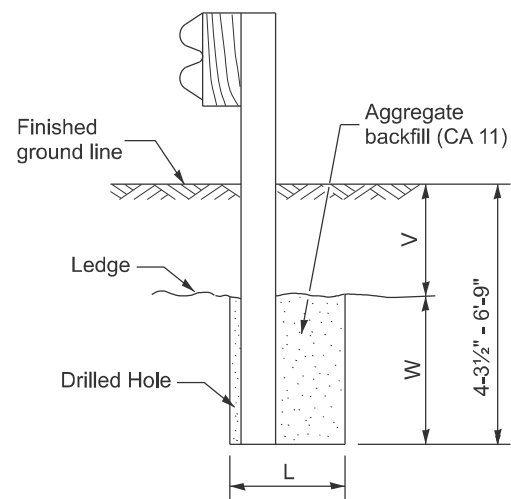
STEEL PLATE BEAM GUARDRAIL, TYPE A,
6.75 FOOT POSTS

SCALE: NOT TO SCALE SHEET 8 3 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	62
DISTRICT 4 DETAIL NO. 630011		CONTRACT NO. 68A86		
ILLINOIS		FED. AID PROJECT		



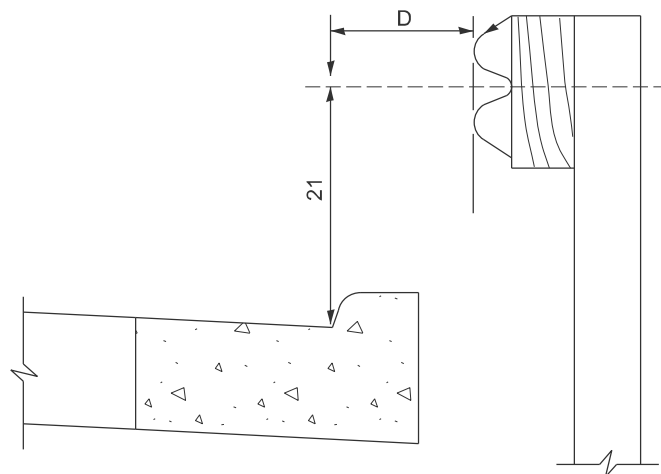
PLAN



Note:
Ledge line is top of rock
ledge or hard slag fill.

ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED

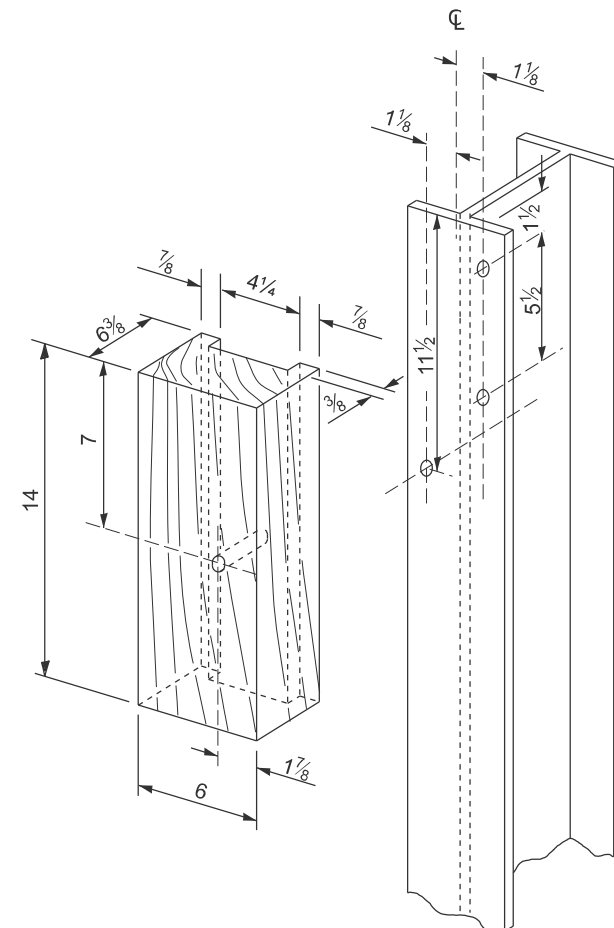


Note:
If it is necessary for D to be more than 12 and less than 10' - 0" type M-2 curb and gutter (Std. 606001) shall be used in front of and in advance of the guardrail.

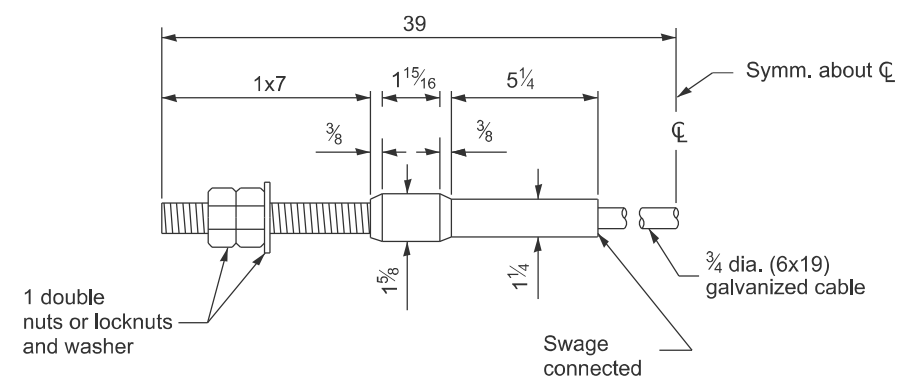
GUARDRAIL PLACED BEHIND CURB

(D = 0 desirable to 12 maximum)

V	W	L	
		Steel Post	Wood Post
0 - 18	24	21	23
>18 - 41.5	12	8	10
>41.5 - 53.5	12 - 0	8	10



WOOD BLOCK-OUT AND STEEL POST DETAILS



CABLE ASSEMBLY

(40,000 lbs. min. breaking strength)
Tighten to taut tension.

All dimensions are in inches
unless otherwise noted.

USER NAME = Shilpa.Mandapuram	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6.75 FOOT POSTS

SCALE: NOT TO SCALE	SHEET 9	OF 11	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30;315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	63
DISTRICT 4 DETAIL NO. 630011		CONTRACT NO. 68A86		
ILLINOIS		FED. AID PROJECT		

MODEL: D4-630101-01
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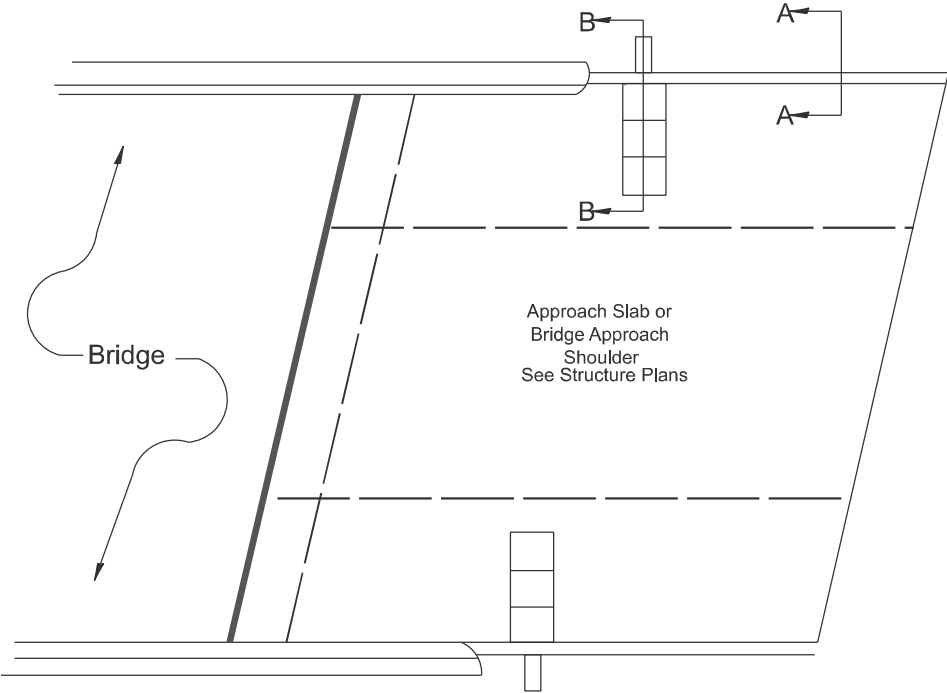
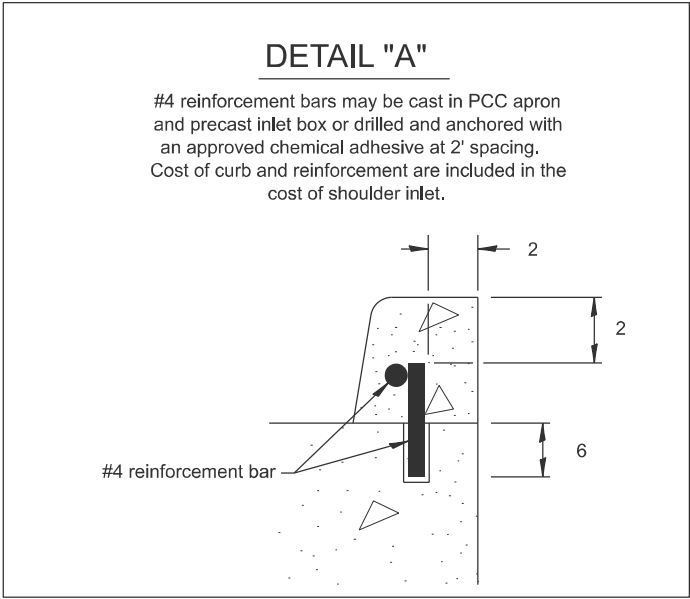
TYPICAL SECTION WITH COMBINATION CONCRETE CURB & GUTTER

TYPICAL SECTION WITHOUT EROSION CONTROL CURB

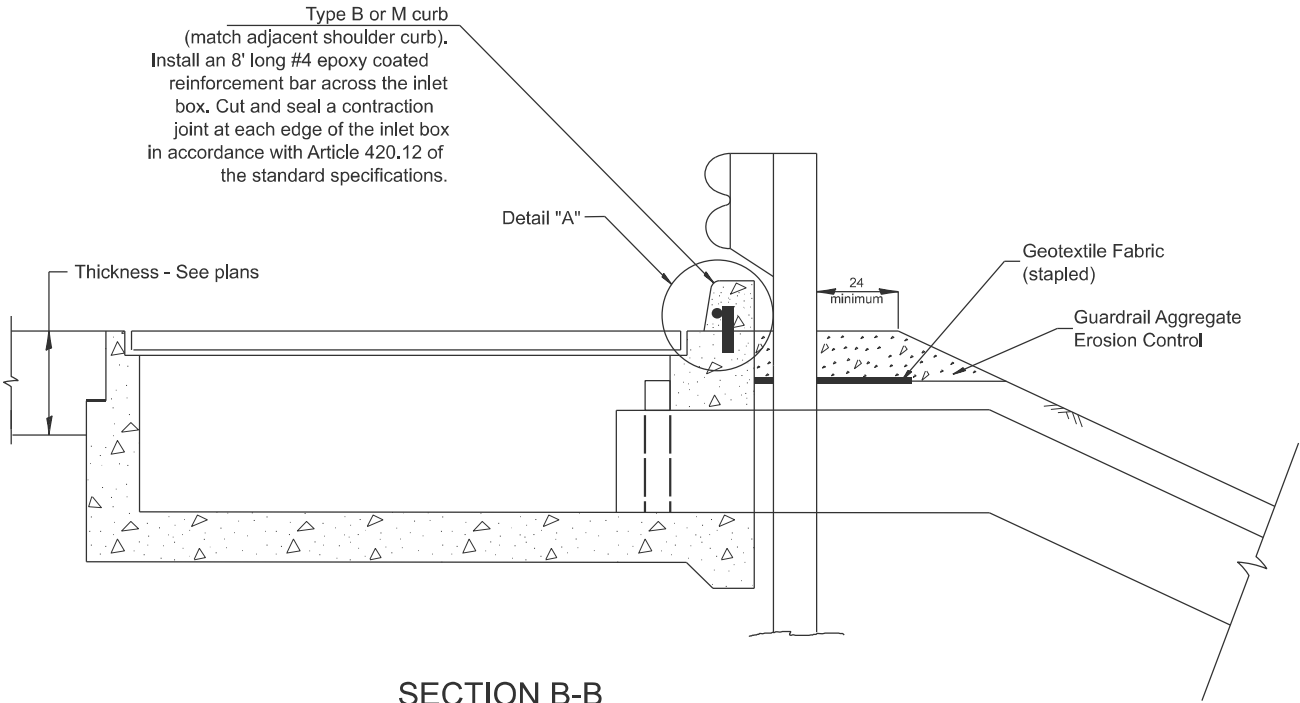
1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, 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.

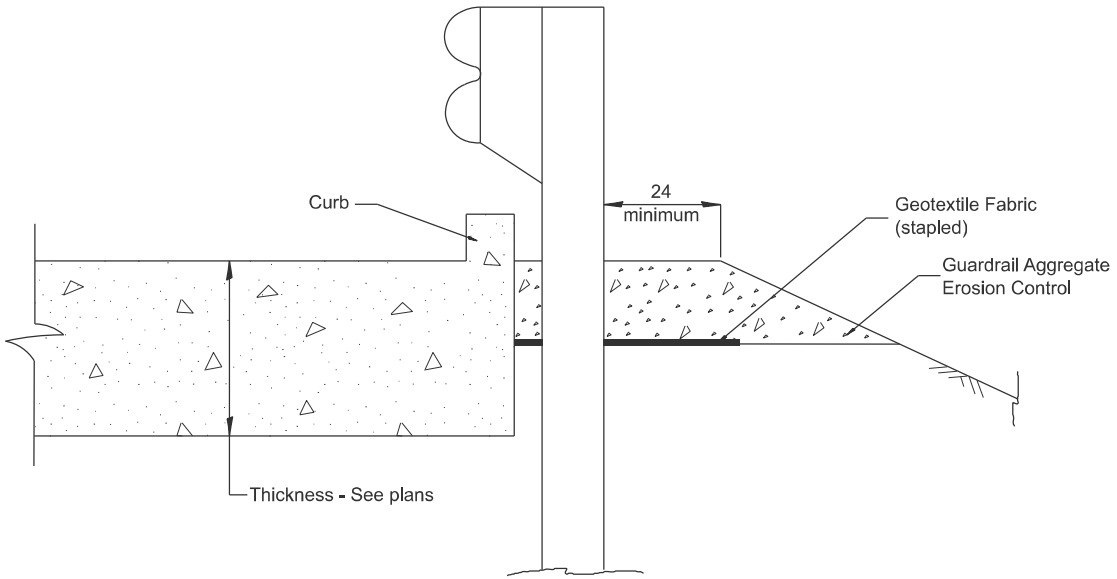
	USER NAME = Ghada,Zreik	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL EROSION CONTROL TREATMENTS				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						30315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	64
		CHECKED -	REVISED -		DISTRICT 4 DETAIL NO. 630101 CONTRACT NO. 68A86								
	PLOT DATE = 3/20/2025	DATE -	REVISED -		SCALE: NOT TO SCALE SHEET 10 OF 11 SHEETS STA. TO STA.								
					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
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USER NAME	= Shilpa.Mandapuram	DESIGNED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
PLOT DATE	= 3/20/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL EROSION CONTROL TREATMENTS

SCALE: NOT TO SCALE SHEET 11 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30/315	(137X)RS-5;138RS-4;139RS-3	FULTON	65	65
DISTRICT 4 DETAIL NO. 630101		CONTRACT NO. 68A86		
ILLINOIS		FED. AID PROJECT		