

INDEX OF SHEETS, SEE SHEET NO. 2

HIGHWAY STANDARDS

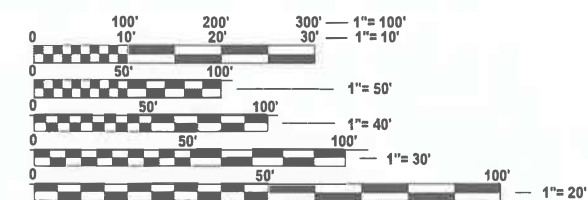
000001-09 701311-03
 482011-03 701901-11
 642006-01 780001-05
 642011 781001-04
 701001-02
 701006-05
 701201-05
 701301-04
 701306-04

D4 CADD STANDARDS

406101-D4
 406201-D4
 780001-D4
 780002-D4

DESIGN DESIGNATION:

OTHER PRINCIPAL ARTERIAL
 ADT (2023): 4450
 MU (2023): 15.36%
 SU (2023): 10.71%



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 309-671-3394
 PROJECT MANAGER: KYLE HARRISON 309-671-3462
 CATALOG NO. 036610-00D
 CONTRACT NO. 68J96

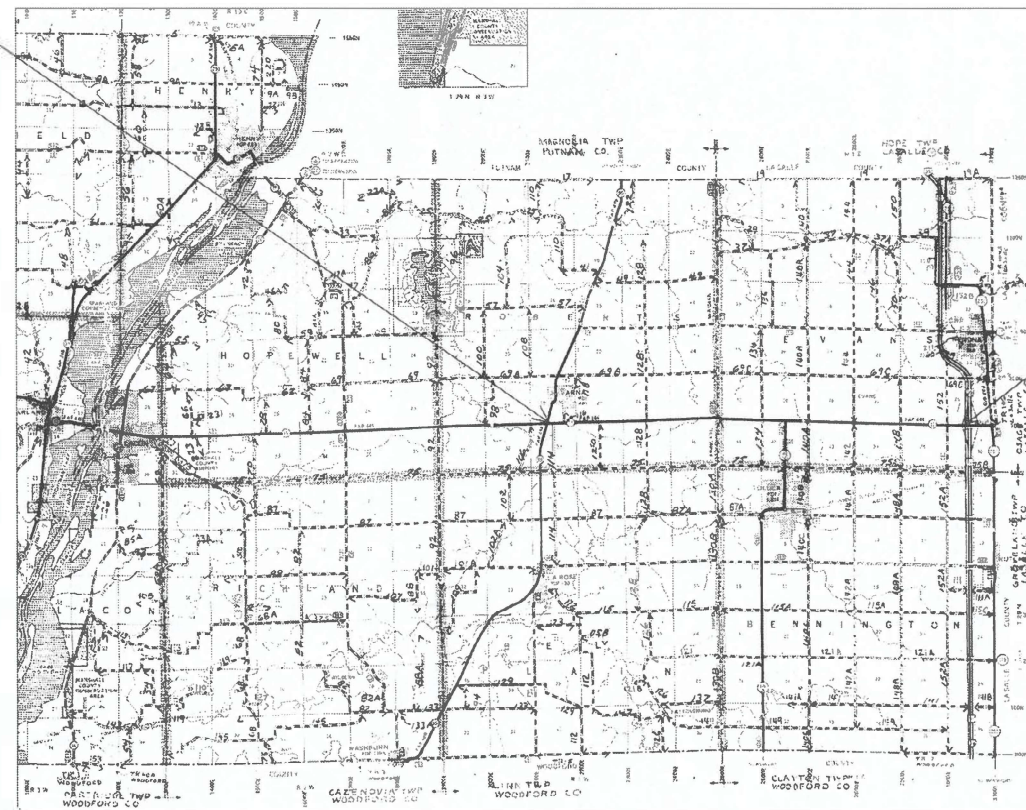
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAP ROUTE 649 (IL 17)
 SECTION 3RS-6;4RS-2
 PROJECT STP-AH8Q(221)
 3P RESURFACING
 MARSHALL COUNTY

C-94-032-25

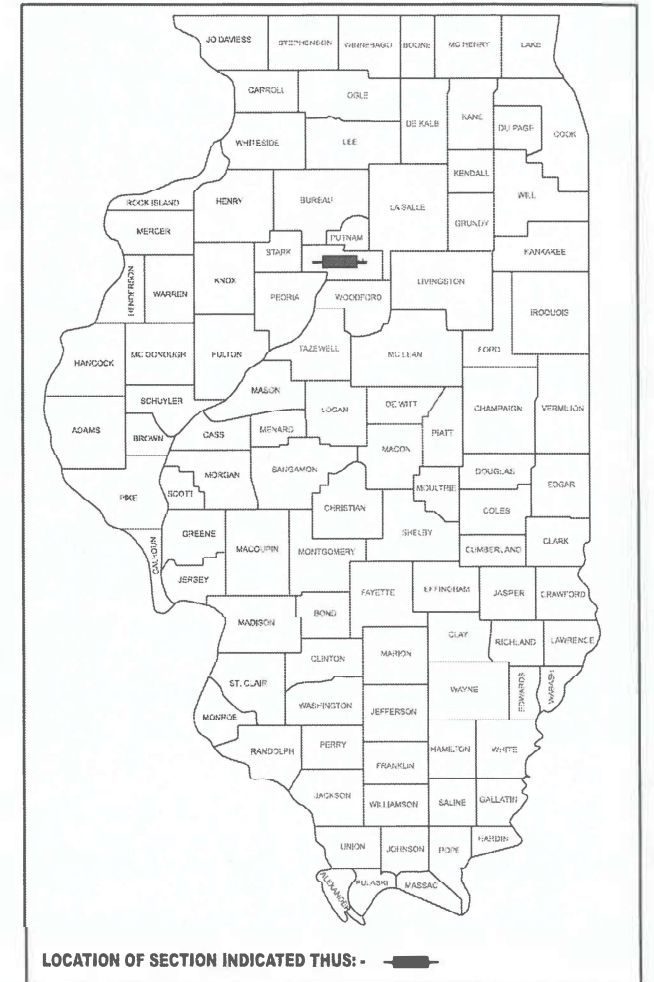
BEGIN IMPROVEMENTS
 IL 17
 STATION 460+11.00



END IMPROVEMENTS
 STATION 922+90.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6;4RS-2	MARSHALL	37	1
ILLINOIS		CONTRACT NO. 68J96		

D-94-031-25



DESCRIPTION: RESURFACING & COLD-IN PLACE
 RECYCLING ON IL 17 FROM IL 89 TO W OF I-39

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 04 2025
Kenai A Barnett ^{RSO} REGIONAL ENGINEER
 January 23 2026
Scott A. Etkin ENGINEER OF DESIGN AND ENVIRONMENT
 January 23 2026
Chad R. Perry ⁵ DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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 OF THE STATE OF ILLINOIS

MODEL: General Notes (Sheet)
FILE NAME: c:\p\p_work\p\widodharrison\krd102429\0468306-sh1-CenNote.dgn

INDEX OF SHEETS

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11-26	GENERAL PLAN
27-29	SEQUENCE OF OPERATIONS
30	BUTT JOINT DETAIL
31-37	DISTRICT DETAILS

GENERAL NOTES

105.06 AVAILABILITY OF ELECTRONIC FILES

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

107.00 COMMITMENTS

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

No commitments were made for this project.

107.09A CONSECUTIVE SIDE STREET (ROAD) CLOSURE - PROHIBITED

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

107.29 WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS

Prior to winter shutdown the following steps shall be taken:

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

UTILITY CONTACTS		
COMPANY	CONTACT PERSON	CONTACT INFO
Ameren Illinois – Electric	Patrick Ridgley	309-693-4707
Ameren Illinois – Gas	Angela Holloway	aholloway@ameren.com
BP Pipeline	Blake Patrick	872-245-3915
ComEd	Chajon Christian	Christian.Chajon@ComEd.com
Frontier	Chris Hilliard	618-499-4959
Mediacom	Ryan Cunningham	815-716-3110
Metro Communications	Taylor Rich	217-728-3608
Village of Varna		Villageofvarna@yahoo.com

204.00 ENVIRONMENTAL REVIEWS

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

The required environmental resource documentation shall include the following:

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

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

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

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

406.05 POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

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

406.18 BUTT JOINT CUTTING TIME RESTRICTION

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

406.19 PAVING SURFACE COURSE

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

440.02 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.

780.00 NO PASSING ZONE VERIFICATION

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

JOB SPECIFIC NOTES:

COLD IN-PLACE RECYCLING

Existing paving fabric was used as reflective crack control treatment on a previous contract and will be below the existing surface for the entire project.

PROPERTY OWNER ACCESS REQUIREMENTS

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

TEMPORARY PAVEMENT MARKING - PAINT

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

STATIONING

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

EXCAVATING AND GRADING EXISTING SHOULDER (SPECIAL)

The Contractor shall complete all excavation and construct all HMA base course lifts in the same day to minimize the duration of the open trench adjacent to the existing pavement. Drop-offs shall follow Article 701.07 of the Standard Specifications.

The following mixture requirements are applicable for this project:							
Location(s):	Mainline	Mainline	Mainline	Shoulders	Shoulders	Shoulders	Incidental
Mixture Use(s):	Polymer Surface 1.5"	Polymer Binder 1.25"	Binder 1.25"	Polymer Surface 1.5"	HMA Shoulders (Top Binder 2")	Shoulders (Lower Lift 4.5")	Incidental Surface
AC/PG:	SBS or SBR 70-28	SBS or SBR 70-28	FG 58-28	SBS or SBR 70-28	PG 58-28	PG 58-28	PG 58-28
Design Air Voids:	4.0% @ N=50	3.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 9.5 FG	IL 9.5 FG	IL 9.5	IL 9.0	IL 19.5	IL 9.5
Friction Aggregate:	Mix D	N/A	N/A	Mix D	N.A.	N.A.	Mix D
Quality Management Program:	PFP	QCP	QCP	PFP	QCQA	QCQA	QCQA
MTD:	YES	YES	YES	YES	NO	NO	NO
Note: 1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size, unless otherwise approved by the Engineer. 2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y./in., unless otherwise noted. 3) Sublot sizes for PFP and QCP mixes will be 1000 tons, unless otherwise agreed to by the Engineer and the paving contractor.							

	USER NAME = kyle.harrison	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & GENERAL NOTES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						649	3RS-6;4RS-2	MARSHALL	37	2
		CHECKED -	REVISED -						CONTRACT NO. 68J96				
	PLOT DATE = 12/2/2025	DATE -	REVISED -		SCALE: N/A	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				80/20
				FED/STATE
				ROADWAY
				0005
				RURAL
20200100	EARTH EXCAVATION	CU YD	21	21
25000750	MOWING**	ACRE	32	32
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	66	66
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	220459	220459
40600405	MATERIAL TRANSFER DEVICE	TON	22801	22801
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2715	2715
40600990	TEMPORARY RAMP	SQ YD	488	488
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	4029	4029
40603215	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	4487	4487
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	14286	14286
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	374	374
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	257	257
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	257	257
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2848	2848

** 100% STATE

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				FED/STATE
				ROADWAY
				0005
				RURAL
48203100	HOT-MIX ASPHALT SHOULDERS	TON	11113	11113
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	91237	91237
64200214	SINUSOIDAL RUMBLE STRIPS, 14"	FOOT	45679	45679
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14
70300100	SHORT TERM PAVEMENT MARKING	FOOT	13704	13704
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1523	1523
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	17785	17785
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	90085	90085
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	17785	17785
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	90085	90085

*= SPECIALTY ITEM

	USER NAME = abdallah.sweidan	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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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				80/20
				FED/STATE
				ROADWAY
				0005
				RURAL
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	17785	17785
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	90085	90085
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	571	571
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	594	594
X2020060	EXCAVATING AND GRADING EXISTING SHOULDER, (SPECIAL)	UNIT	912	912
X4005500	CIR FULL DEPTH RECLAMATION EMULSIFIED ASPHALT	TON	816	816
X4060221	COLD IN-PLACE RECYCLING, 4.0"	SQ YD	121362	121362
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	SQ YD	2571	2571
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPT H	SQ YD	121362	121362
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1	1
Ø Z0076600	TRAINEES	hour	5,000	5,000
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	hour	5,000	5,000
Z0055600	RUMBLE STRIP	SQ YD	100	100

Ø 0042
*= SPECIALTY ITEM

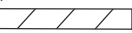
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	PLOT DATE = 12/2/2025	DATE -	REVISED -		SCALE:	SHEET 3	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

LEGEND

EXISTING ITEMS

- ① EXIST. PAVEMENT
② EXIST. BITUMINOUS WIDENING
③ EXIST. HMA PAVEMENT
④ EXIST. HMA SHOULDER

PROPOSED ITEMS

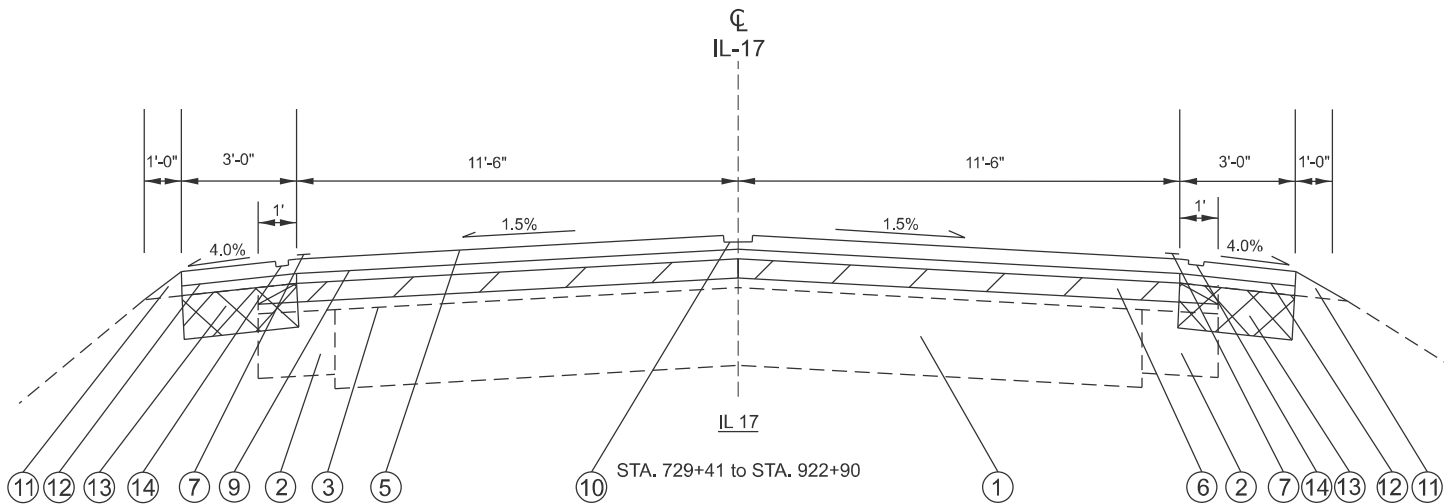
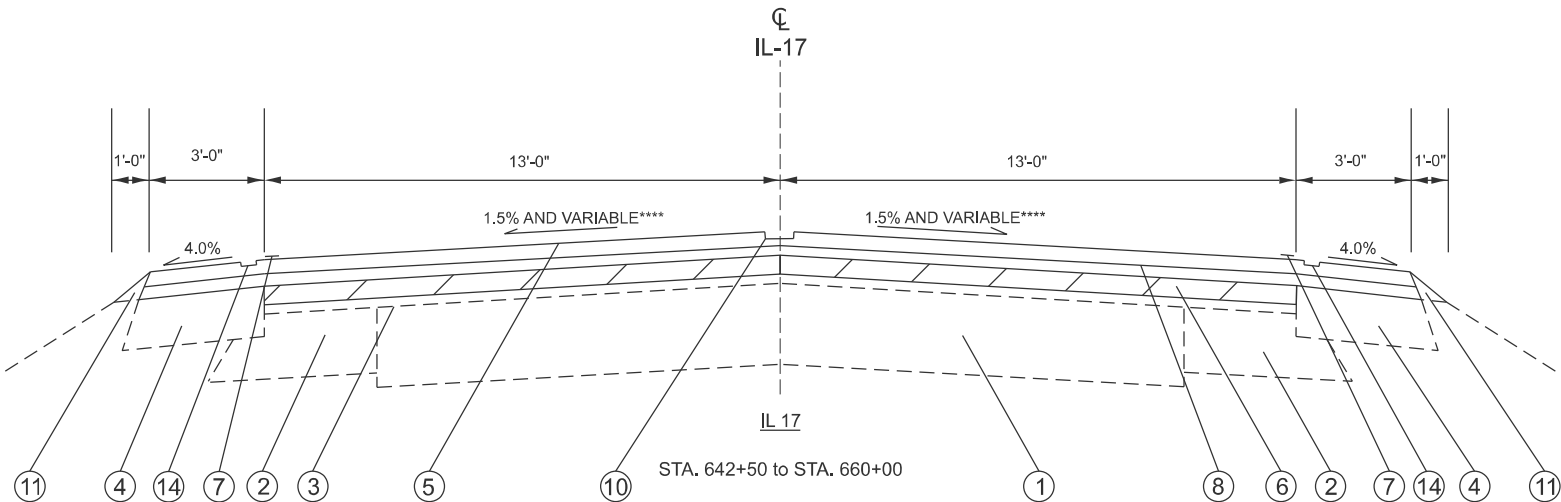
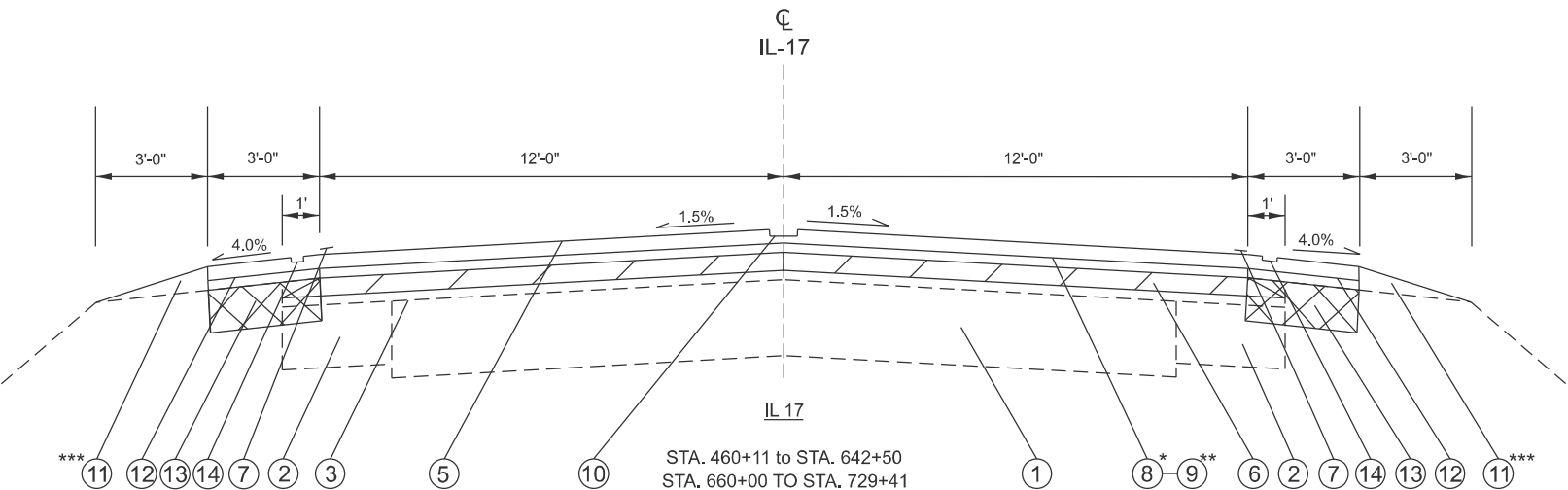
- ⑤ PROP. HMA SURFACE COURSE, MIX "D", N50 - 1 1/2"
⑥ PROP. COLD-IN-PLACE RECYCLING, 4" 
⑦ PROP. MODIFIED URETHANE PAVEMENT MARKINGS
⑧ PROP. POLY HMA BINDER COURSE, IL-9.5FG N50 - 1.25"
⑨ PROP. HMA BINDER COURSE, IL-9.5FG N50 - 1.25"
⑩ PROP. SINUSOIDAL RUMBLE STRIPS, 14"
⑪ PROP. AGGREGATE WEDGE SHOULDER TYPE "B"
⑫ PROP. HMA SHOULDERS - 6.5"
⑬ PROP. EXCAVATION AND GRADING EXISTING SHOULDER 
⑭ SHOULDER RUMBLE STRIPS

*PROP. POLY HMA BINDER COURSE, IL-9.5FG N50
SHALL BE PLACED FROM STA 460+11 TO STA 699+00

**PROP. HMA BINDER COURSE, IL-9.5FG N50
SHALL BE PLACED FROM STA 699+00 TO STA 922+90

*** 1' AGGREGATE SHOULDER FROM STA 642+50 TO 729+41

**** FULL SUPERELEVATION IS 3.125% ACORDING TO EXISTING
PLANS. NO OTHER INFORMATION IS AVAILABLE. EXISTING
SUPERELEVATION SHALL BE FIELD VERIFIED.



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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 11/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6:4RS-2	MARSHALL	37	6
CONTRACT NO. 68J96				
ILLINOIS FED. AID PROJECT				

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MAINLINE RESURFACING SCHEDULE																
LOCATION	LENGTH	WIDTH	AREA	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	COLD IN-PLACE RECYCLING 4"	* CIRFULL DEPTH RECLAMATION EMULSIFIED ASPHALT	HMA SURFACE REMOVAL, VARIABLE DEPTH	HMA SURFACE REMOVAL (SPECIAL)	POLY. BIT. MATERIALS (TACK COAT)		POLY. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50		POLY, HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	MATERIAL TRANSFER DEVICE
IL 17					1:40					0.08 LB/SQ FT 2 APPLICATIONS	JOINT TRIMMING	1.5"	JOINT TRIMMING	1.25"	1.25"	
STATION	FOOT	FOOT	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	SQ. YD.	SQ. YD.	POUND	POUND	TON	TON	TON	TON	TON
STA 460+11.0 TO STA 460+66.0	55.0	24.0	146.7	146.7	24.4				3.1	211.2	2.2	12.3	2.3	10.3		24.9
STA 460+66.0 TO STA 642+50.0	18184.0	24.0	48490.7			48490.7	325.9	48490.7	1010.2	68371.8	727.4	3903.5	763.7	3394.3		8061.6
STA 642+50.0 TO STA 660+00.0	1750	26.0	5055.6			5055.6	34.0	5055.6	97.2	7140.0	70.0	408.3	73.5	353.9		835.7
STA 660+00.0 TO STA 699+00.0	3900	24.0	10400.0			10400.0	69.9	10400.0	216.7	14664.0	156.0	837.2	163.8	728.0		1729.0
STA 699+00.0 TO STA 729+41.0	3041	24.0	8109.3			8109.3	54.5	8109.3	168.9	11434.2	121.6	652.8	127.7		567.7	1348.2
STA 729+41.0 TO STA 922+35.0	19294	23.0	49306.9			49306.9	331.3	49306.9	1071.9	69458.4	771.8	3961.7	810.3		3451.5	8223.5
STA 922+35.0 TO STA 922+90.0	55.0	23.0	140.6	140.6	23.4				3.1	202.4	2.2	11.8	2.3		9.8	24.0
SUB-TOTAL				287.2	47.9	121362.4	815.6	121362.4	2571.1	171482.0	1851.2	9787.7	1943.7	4486.5	4029.0	20246.9
HMA SHOULDER SCHEDULE SUB-TOTAL				-	-	-	-	-	-	43793.8	-	2554.6	-	-	-	2554.6
ENTRANCE SCHEDULE SUB-TOTAL				392.0	-	-	-	-	-	401.0	-	-	-	-	-	-
SIDE ROAD SCHEDULE SUB-TOTAL				2035.4	440	-	-	-	-	2931	-	-	-	-	-	-
TOTAL				2715	488	121362	816	121362	2571	220459		14286		4487	4029	22801

* CIR FULL DEPTH RECLAMATION EMULSIFIED ASPHALT CALCULATED ASSUMING IT WOULD BE 3% BY WEIGHT OF PROCESSED MATERIAL
SURFACE LANE WIDTH = 22'23" (SEE SEQUENCE OF OPERATIONS DETAIL SHEET)

HMA SHOULDER SCHEDULE												
STATION		LENGTH	WIDTH	AREA	EXCAVATING AND GRADING EXISTING SHOULDER, (SPECIAL)	POLY. HMA SURFACE COURSE, IL- 9.5, MIX "D", N50	HOT-MIX ASPHALT SHOULDER	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	MATERIAL TRANSFER DEVICE	SHOULDER RUMBLE STRIPS, 8 INCH		
						1.5"		0.08 LB/SQ FT 2 APPLICATIONS				
		FOOT	FOOT	SQ YD	UNIT	TON	TON	POUND	TON	FOOT		
RT. IL 17												
STA 460+11.0	TO STA 515+00.0	5489.0	3.0	1829.7	54.9	153.7	666.0	2634.7	153.7	5489.0		
STA 515+60.0	TO STA 568+63.0	5303.0	3.0	1767.7	53.0	148.5	643.4	2545.4	148.5	5303.0		
STA 569+13.0	TO STA 649+40.0	8027.0	3.0	2675.7	80.3	224.8	973.9	3853.0	224.8	8027.0		
STA 649+90.0	TO STA 699+39.0	4949.0	3.0	1649.7	49.5	138.6	600.5	2375.5	138.6	4949.0		
STA 699+74.0	TO STA 725+40.0	2566.0	3.0	855.3	25.7	71.8	311.3	1231.7	71.8	2566.0		
STA 727+00.0	TO STA 752+55.0	2555.0	3.0	851.7	25.6	71.5	310.0	1226.4	71.5	2555.0		
STA 753+30.0	TO STA 805+42.0	5212.0	3.0	1737.3	52.1	145.9	632.4	2501.8	145.9	5212.0		
STA 806+34.0	TO STA 858+75.0	5241.0	3.0	1747.0	52.4	146.7	635.9	2515.7	146.7	5241.0		
STA 859+33.0	TO STA 911+64.0	5231.0	3.0	1743.7	52.3	146.5	634.7	2510.9	146.5	5231.0		
STA 913+06.0	TO STA 922+90.0	984.0	3.0	328.0	9.8	27.6	119.4	472.3	27.6	984.0		
LT. IL 17												
STA 460+11.0	TO STA 475+00.0	1489.0	3.0	496.3	14.9	41.7	180.7	714.7	41.7	1489.0		
STA 476+00.0	TO STA 568+63.0	9263.0	3.0	3087.7	92.6	259.4	1123.9	4446.2	259.4	9263.0		
STA 569+13.0	TO STA 649+15.0	8002.0	3.0	2667.3	80.0	224.1	970.9	3841.0	224.1	8002.0		
STA 649+94.0	TO STA 699+18.0	4924.0	3.0	1641.3	49.2	137.9	597.4	2363.5	137.9	4924.0		
STA 699+97.0	TO STA 752+52.0	5255.0	3.0	1751.7	52.6	147.1	637.6	2522.4	147.1	5255.0		
STA 753+16.0	TO STA 805+42.0	5226.0	3.0	1742.0	52.3	146.3	634.1	2508.5	146.3	5226.0		
STA 806+34.0	TO STA 858+75.0	5241.0	3.0	1747.0	52.4	146.7	635.9	2515.7	146.7	5241.0		
STA 859+33.0	TO STA 911+88.0	5255.0	3.0	1751.7	52.6	147.1	637.6	2522.4	147.1	5255.0		
STA 912+65.0	TO STA 922+90.0	1025.0	3.0	341.7	10.3	28.7	124.4	492.0	28.7	1025.0		
SUB-TOTAL					912.4	2554.6	11070.1	43793.8	2554.6	91237.0		
ENTRANCE SCHEDULE SUB-TOTAL					-	-	42.9	-	-	-		
TOTAL					912	MAINLINE	11113	MAINLINE		91237		

AGGREGATE SHOULDER SCHEDULE						
LOCATION			LENGTH	WIDTH	AGGREGATE WEDGE SHOULDER, TYPE B	
			FOOT	FOOT	TON	
RT. IL 17						
STA 460+11.0	TO STA 515+00.0	5489.0	3.0		286.5	
STA 515+60.0	TO STA 568+63.0	5303.0	3.0		276.8	
STA 569+13.0	TO STA 642+50.0	7337.0	3.0		383.0	
STA 642+50.0	TO STA 649+40.0	690.0	1.0		12.0	
STA 649+90.0	TO STA 699+39.0	4949.0	1.0		86.1	
STA 699+74.0	TO STA 725+40.0	2566.0	1.0		44.6	
STA 727+00.0	TO STA 752+55.0	2555.0	1.0		44.5	
STA 753+30.0	TO STA 805+42.0	5212.0	1.0		90.7	
STA 806+34.0	TO STA 858+75.0	5241.0	1.0		91.2	
STA 859+33.0	TO STA 911+64.0	5231.0	1.0		91.0	
STA 913+06.0	TO STA 922+90.0	984.0	1.0		17.1	
LT. IL 17						
STA 460+11.0	TO STA 475+00.0	1489.0	3.0		77.7	
STA 476+00.0	TO STA 568+63.0	9263.0	3.0		483.5	
STA 569+13.0	TO STA 642+50.0	7337.0	3.0		383.0	
STA 642+50.0	TO STA 649+15.0	665.0	1.0		11.6	
STA 649+94.0	TO STA 699+18.0	4924.0	1.0		85.7	
STA 699+97.0	TO STA 752+52.0	5255.0	1.0		91.4	
STA 753+16.0	TO STA 805+42.0	5226.0	1.0		90.9	
STA 806+34.0	TO STA 858+75.0	5241.0	1.0		91.2	
STA 859+33.0	TO STA 911+88.0	5255.0	1.0		91.4	
STA 912+65.0	TO STA 922+90.0	1025.0	1.0		17.8	
TOTAL					2848	

	USER NAME = KYLE.HARRISON		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -	REVISED -						649	3RS-6:4RS-2	MARSHALL	37	7
			CHECKED -	REVISED -						CONTRACT NO. 68J96				
	PLOT DATE = 12/5/2025		DATE -	REVISED -		SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

MODEL: Schedule (Sheet) - 2
FILE NAME: c:\paw_work\paw\dotharrison\krd102429\B468306-shr-schedule.dgn

ENTRANCE SCHEDULE												
LOCATION		TYPE	EXISTING MATERIAL	AREA	AGGREGATE SURFACE COURSE, TYPE A	HMA SURFACE REMOVAL - BUTT JOINT	POLY. BIT. MATERIALS (TACK COAT)	INCIDENTAL HMA SURFACING	PCC DRIVEWAY PAVEMENT, 8 INCH	DRIVEWAY PAVEMENT REMOVAL	HOT-MIX ASPHALT SHOULDERS 8 INCH	EARTH EXCAVATION 8 INCH
				SQ. FT.	TON	SQ. YD.	POUND	TON	SQ. YD.	SQ. YD.	TON	CU YD
SIDE	RT.	IL 17										
LT	STA.	462+13.0	CE	PCC	750.0				83.3	83.3		
RT	STA.	475+45.0	FE	AGG	140.0	1.7						
LT	STA.	484+07.0	CE	PCC	936.8				104.1	104.1		
LT	STA.	488+85.0	FE	AGG	115.0	1.4						
LT	STA.	517+63.0	PE	AGG	321.2	4.0						
LT	STA.	522+70.0	FE	AGG	80.0	1.0						
LT	STA.	526+11.0	PE	HMA/AGG	326.5	1.8	20.3	14.6	3.1			
LT	STA.	526+40.0	FE	AGG	85.0	1.1						
LT	STA.	528+75.0	FE	AGG	175.0	2.2						
LT	STA.	534+33.0	FE	AGG	140.0	1.7						
LT	STA.	546+42.0	PE	HMA/AGG	258.5	1.5	15.7	11.3	2.4			
RT	STA.	548+65.0	PE	HMA/AGG	117.1	0.7	7.1	5.1	1.1			
LT	STA.	555+65.0	FE	AGG	150.0	1.9						
RT	STA.	555+65.0	FE	AGG	190.0	2.4						
LT	STA.	588+94.0	FE	AGG	135.0	1.7						
RT	STA.	588+94.0	FE	AGG	150.0	1.9						
LT	STA.	598+85.0	PE/MB	HMA/AGG	530.3	1.6	45.1	32.5	6.9			
RT	STA.	600+38.0	CE/MB	HMA/AGG	666.4	1.7	59.0	42.5	9.1			
RT	STA.	603+42.0	CE	AGG	218.6	2.7						
LT	STA.	622+65.0	FE	AGG	90.0	1.1						
RT	STA.	622+65.0	FE	AGG	90.0	1.1						
LT	STA.	635+93.0	PE	HMA/AGG	257.9	1.4	16.5	11.9	2.5			
LT	STA.	636+64.0	MB	HMA	237.0		26.3		4.1			
RT	STA.	643+85.0	PE	HMA/AGG	201.0	1.1	12.6	9.1	1.9			
RT	STA.	651+87.0	PE	HMA/AGG	140.2	0.7	9.0	6.5	1.4			
LT	STA.	672+61.0	PE/MB	HMA/AGG	458.2	1.3	39.0	28.1	6.0			
RT	STA.	686+00.0	PE	HMA/AGG	294.6	1.7	17.4	12.5	2.7			
LT	STA.	686+32.0	PE	HMA/AGG	391.2	2.1	24.6	17.7	3.8			
LT	STA.	699+15.0	FE	AGG	50.0	0.6						
LT	STA.	704+55.0	PE/MB	HMA/AGG	412.9	1.1	35.6	25.6	5.5			
LT	STA.	714+20.0	FE	AGG	149.4	1.9						
LT	STA.	747+65.0	FE	AGG	215.4	2.7						
RT	STA.	773+25.0	FE	AGG	157.5	2.0						
LT	STA.	773+25.0	FE	AGG	157.5	2.0						
LT	STA.	777+30.0	PE/MB	HMA	429.7			68.8			21.4	10.6
RT	STA.	782+55.0	FE	AGG	200.6	2.5						
LT	STA.	785+61.0	FE/MB	HMA/AGG	395.2	1.6	29.8	21.5	4.6			
RT	STA.	785+61.0	PE	HMA/AGG	187.7	0.9	12.6	9.0	1.9			
LT	STA.	800+70.0	PE/MB	HMA/AGG	512.2	1.0		69.0			21.5	10.6
RT	STA.	819+00.0	FE	AGG	61.2	0.8						
LT	STA.	832+72.0	FE	AGG	128.3	1.6						
LT	STA.	833+37.0	CE	PCC	628.9				69.9	69.9		
RT	STA.	838+55.0	PE	HMA/AGG	360.5	2.1	21.5	15.5	3.3			
RT	STA.	856+00.0	FE	AGG	120.0	1.5						
LT	STA.	889+82.0	FE	AGG	183.8	2.3						
SUB-TOTAL					65.9	392.0	401.0	60.4	257.3	257.3	42.9	21.3
TOTAL					66	MAINLINE		SIDEROAD	257	257	HMA SHOULDER	21

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

SIDEROAD PAVEMENT SCHEDULE							
LOCATION			AREA	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	INCIDENTAL HMA SURFACING	POLY. BIT. MATERIALS (TACK COAT) 0.08 LB/SQ FT
					1:40		
			SQ. FT.	SQ. YD.	SQ. YD.	TON	POUND
STATION							
462+24	COUNTY ROAD 2150	RT	480.8	53.4	24.4	8.2	76.9
475+50	VARNARD	LT	775.0	86.1	24.4	13.3	124.0
515+33	COUNTY ROAD 2250	RT	598.6	66.5	24.4	10.2	95.8
568+92	COUNTY ROAD 2350	LT	691.2	76.8	24.4	11.8	110.6
		RT	723.8	80.4	24.4	12.4	115.8
649+59	COUNTY ROAD 2500	LT	789.3	87.7	24.4	13.5	126.3
		RT	752.5	83.6	24.4	12.9	120.4
699+57	COUNTY ROAD 2600	LT	632.5	70.3	24.4	10.8	101.2
		RT	441.2	49.0	24.4	7.5	70.6
726+20	IL 117	RT	3753.3	417.0	24.4	64.2	600.5
752+88	COUNTY ROAD 2700	LT	679.7	75.5	24.4	11.6	108.8
		RT	688.5	76.5	24.4	11.8	110.2
805+94	COUNTY ROAD 2800	LT	1662.4	184.7	24.4	28.4	266.0
		RT	1264.0	140.4	24.4	21.6	202.2
859+04	COUNTY ROAD 2900	LT	620.0	68.9	24.4	10.6	99.2
		RT	518.3	57.6	24.4	8.9	82.9
912+25	COUNTY ROAD 3000	LT	1090.9	121.2	24.4	18.7	174.5
		RT	2156.3	239.6	24.4	36.9	345.0
SUB-TOTAL				2035.4	440.0	313.4	2930.9
ENTRANCE SCHEDULE SUB-TOTAL				-	-	60.4	-
TOTAL				MAINLINE		374	MAINLINE

SINUSOIDAL RUMBLE STRIP SCHEDULE						
LOCATION					LENGTH	SINUSOIDAL RUMBLE STRIPS, 14"
STATION					FOOT	FOOT
STA.	466+11.00	TO	STA.	922+90.0	45679.00	45679.0
TOTAL						45679

MOWING SCHEDULE			
LOCATION	LENGTH	AVERAGE WIDTH PER SIDE	MOWING
STATION	FOOT	FOOT	ACRE
JOBSITE	46279.0	15.0	31.9
SUB-TOTAL			31.9
TOTAL			32

RUMBLE STRIP SCHEDULE				
LOCATION			SIDE	RUMBLE STRIP
STATION	TO	STATION		SQ YD
460+21.0	TO	460+46.0	LT	33.3
462+46.0	TO	462+71.0	LT	33.3
468+48.0	TO	468+73.0	LT	33.3
TOTAL				100

USER NAME = KYLE.HARRISON	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -				649	3RS-6:4RS-2	MARSHALL	37	8
	CHECKED -	REVISED -				ILLINOIS FED. AID PROJECT				
	PLOT DATE = 12/5/2025	DATE -	REVISED -			SCALE:	SHEET 2	OF 3	SHEETS	STA. TO STA.

MODEL: Schedule [Sheet] - 3
FILE NAME: c:\pw_work\pwdotharrison\kd1102429\D468306-shr-schedule.dgn

PAVEMENT MARKING SCHEDULE												
LOCATION					LENGTH	MODIFIED URETHANE PAVEMENT MARKING - 4"			GROOVING FOR RECESSED PAVEMENT MARKING 5"	MODIFIED URETHANE PAVEMENT MARKING - 6"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	
						YELLOW	YELLOW					YELLOW
						SKIP	SOLID		DOUBLE SOLID	SOLID		WHITE
CLLT	CLRT											
STATION					FOOT	FOOT	FOOT		FOOT	FOOT	FOOT	FOOT
STA	466+11.00	TO	STA	475+00.0	889.00				1778.0	1778.0	1778.0	1778.0
STA	475+00.0	TO	STA	476+00.0	100.00				200.0	200.0	100.0	100.0
STA	476+00.0	TO	STA	476+30.0	30.00				60.0	60.0	60.0	60.0
STA	476+30.0	TO	STA	509+90.0	3360.00	840.0			840.0	6720.0	6720.0	
STA	509+90.0	TO	STA	514+05.0	415.00	100.0		415.0	100.0	830.0	830.0	
STA	514+05.0	TO	STA	515+03.0	98.00				196.0	196.0	196.0	
STA	515+03.0	TO	STA	515+62.0	59.00				118.0	118.0	59.0	59.0
STA	515+62.0	TO	STA	516+70.0	108.00				216.0	216.0	216.0	216.0
STA	516+70.0	TO	STA	522+10.0	540.00	140.0	540.0		140.0	1080.0	1080.0	
STA	522+10.0	TO	STA	568+63.0	4653.00	1160.0			1160.0	9306.0	9306.0	
STA	568+63.0	TO	STA	569+16.0	53.00	10.0			10.0			
STA	569+16.0	TO	STA	649+20.0	8004.00	2000.0			2000.0	16008.0	16008.0	
STA	649+20.0	TO	STA	649+85.0	65.00	20.0			20.0			
STA	649+85.0	TO	STA	699+30.0	4945.00	1240.0			1240.0	9890.0	9890.0	
STA	699+30.0	TO	STA	699+82.0	52.00	10.0			10.0			
STA	699+82.0	TO	STA	725+44.0	2562.00	640.0			640.0	5124.0	5124.0	
STA	725+44.0	TO	STA	726+96.0	152.00	40.0			40.0	152.0	152.0	
STA	726+96.0	TO	STA	752+54.0	2558.00	640.0			640.0	5116.0	5116.0	
STA	752+54.0	TO	STA	753+13.0	59.00	10.0			10.0			
STA	753+13.0	TO	STA	788+70.0	3557.00	890.0			890.0	7114.0	7114.0	
STA	788+70.0	TO	STA	796+17.0	747.00	190.0		747.0	190.0	1494.0	1494.0	
STA	796+17.0	TO	STA	798+90.0	273.00	70.0			70.0	546.0	546.0	
STA	798+90.0	TO	STA	805+43.0	653.00	160.0	653.0		160.0	1306.0	1306.0	
STA	805+43.0	TO	STA	806+37.0	94.00	20.0	94.0		20.0			
STA	806+37.0	TO	STA	807+50.0	113.00	30.0	113.0		30.0	226.0	226.0	
STA	807+50.0	TO	STA	821+05.0	1355.00	340.0			340.0	2710.0	2710.0	
STA	821+05.0	TO	STA	829+10.0	805.00	200.0		805.0	200.0	1610.0	1610.0	
STA	829+10.0	TO	STA	836+70.0	760.00	190.0	760.0		190.0	1520.0	1520.0	
STA	836+70.0	TO	STA	858+75.0	2205.00	550.0			550.0	4410.0	4410.0	
STA	858+75.0	TO	STA	859+33.0	58.00	10.0			10.0			
STA	859+33.0	TO	STA	911+80.0	5247.00	1310.0			1310.0	10494.0	10494.0	
STA	911+80.0	TO	STA	912+80.0	100.00	30.0			30.0			
STA	912+80.0	TO	STA	922+90.0	1010.00	250.0			250.0	2020.0	2020.0	
SUB-TOTAL						11090.0	2160.0	1967.0	2568.0	13658.0	90085.0	90085.0
TOTAL						17785			13658	90085	90085	

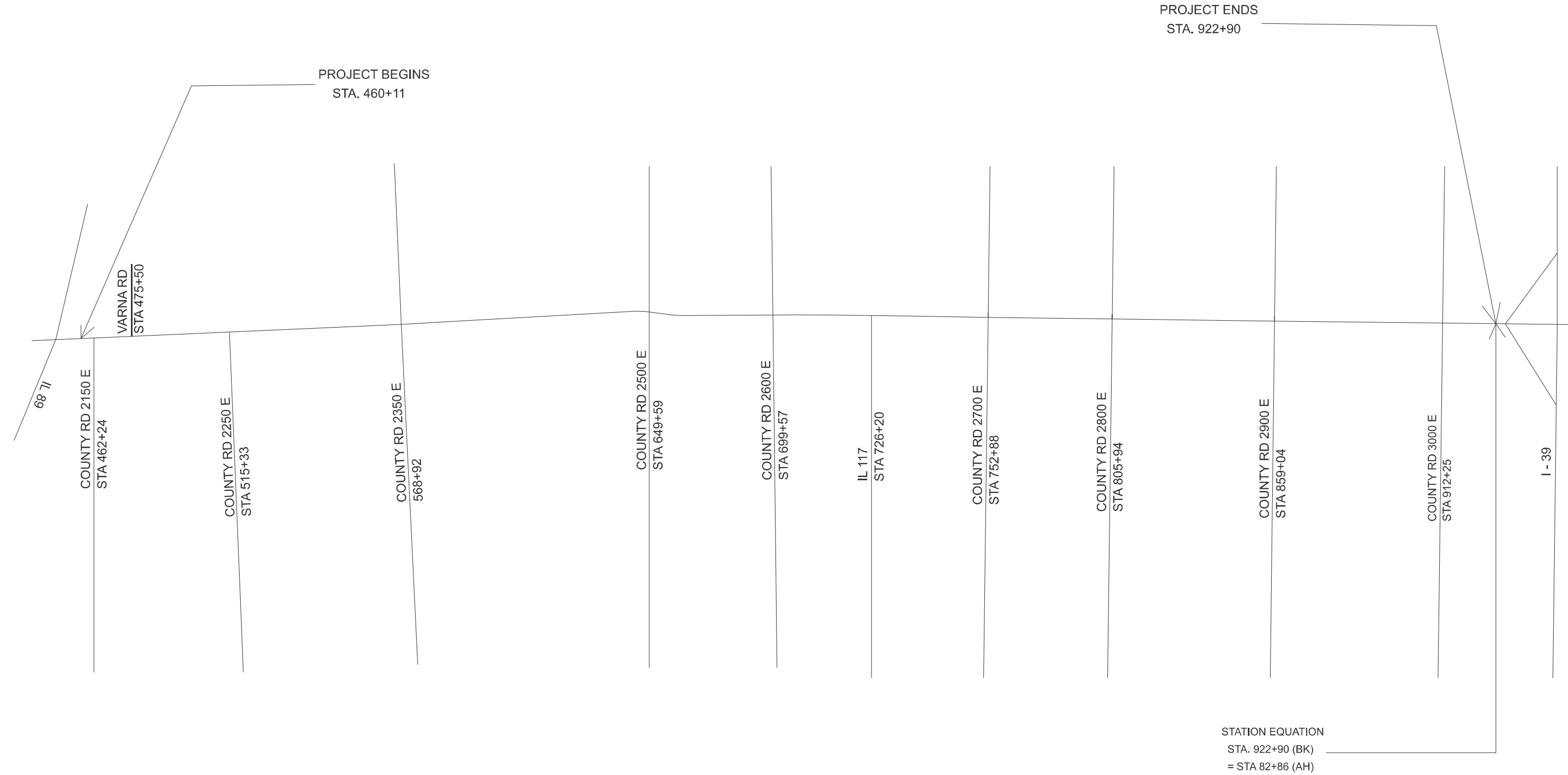
TEMPORARY PAVEMENT MARKING SCHEDULE											
LOCATION					LENGTH	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT					TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT
						YELLOW	YELLOW		YELLOW		
							SKIP	SOLID			DOUBLE SOLID
STATION					FOOT	FOOT	FOOT		FOOT	FOOT	
STA	466+11.0	TO	STA	475+00.0	889.00				1778.0	1778.0	
STA	475+00.0	TO	STA	476+00.0	100.00				200.0	100.0	
STA	476+00.0	TO	STA	476+30.0	30.00				60.0	60.0	
STA	476+30.0	TO	STA	509+90.0	3360.00	840.0				6720.0	
STA	509+90.0	TO	STA	514+05.0	415.00	100.0		415.0		830.0	
STA	514+05.0	TO	STA	515+03.0	98.00				196.0	196.0	
STA	515+03.0	TO	STA	515+62.0	59.00				118.0	59.0	
STA	515+62.0	TO	STA	516+70.0	108.00				216.0	216.0	
STA	516+70.0	TO	STA	522+10.0	540.00	140.0	540.0			1080.0	
STA	522+10.0	TO	STA	568+63.0	4653.00	1160.0				9306.0	
STA	568+63.0	TO	STA	569+16.0	53.00	10.0					
STA	569+16.0	TO	STA	649+20.0	8004.00	2000.0				16008.0	
STA	649+20.0	TO	STA	649+85.0	65.00	20.0					
STA	649+85.0	TO	STA	699+30.0	4945.00	1240.0				9890.0	
STA	699+30.0	TO	STA	699+82.0	52.00	10.0					
STA	699+82.0	TO	STA	725+44.0	2562.00	640.0				5124.0	
STA	725+44.0	TO	STA	726+96.0	152.00	40.0				152.0	
STA	726+96.0	TO	STA	752+54.0	2558.00	640.0				5116.0	
STA	752+54.0	TO	STA	753+13.0	59.00	10.0					
STA	753+13.0	TO	STA	788+70.0	3557.00	890.0				7114.0	
STA	788+70.0	TO	STA	796+17.0	747.00	190.0		747.0		1494.0	
STA	796+17.0	TO	STA	798+90.0	273.00	70.0				546.0	
STA	798+90.0	TO	STA	805+43.0	653.00	160.0	653.0			1306.0	
STA	805+43.0	TO	STA	806+37.0	94.00	20.0	94.0				
STA	806+37.0	TO	STA	807+50.0	113.00	30.0	113.0			226.0	
STA	807+50.0	TO	STA	821+05.0	1355.00	340.0				2710.0	
STA	821+05.0	TO	STA	829+10.0	805.00	200.0		805.0		1610.0	
STA	829+10.0	TO	STA	836+70.0	760.00	190.0	760.0			1520.0	
STA	836+70.0	TO	STA	858+75.0	2205.00	550.0				4410.0	
STA	858+75.0	TO	STA	859+33.0	58.00	10.0					
STA	859+33.0	TO	STA	911+80.0	5247.00	1310.0				10494.0	
STA	911+80.0	TO	STA	912+80.0	100.00	30.0					
STA	912+80.0	TO	STA	922+90.0	1010.00	250.0				2020.0	
SUB-TOTAL						11090.0	2160.0	1967.0	2568.0	90085.0	
TOTAL						17785				90085	

SHORT TERM PAVEMENT MARKING SCHEDULE										
LOCATION					LENGTH	SHORT TERM PAVEMENT MARKING				SHORT TERM PAVEMENT MARKING REMOVAL
						# OF APPLICATIONS	YELLOW FOOT	# OF APPLICATIONS	YELLOW PAINT FOOT	
STATION					FOOT					SQ. FT.
STA	466+11.00	TO	STA	922+90.0	45679.00	2	9135.8	1	4568	1522.6
TOTAL						13704				1523
* PAINT FOR CIR ONLY										

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE							
LOCATION				LENGTH	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
					TWO WAY AMBER		
STATION				FOOT	EACH	EACH	
STA	466+11.00	TO	STA	643+00.00	17689.00	221.0	221.0
STA	643+00.00	TO	STA	660+83.0	1783.00	22.0	45.0
STA	660+83.00	TO	STA	922+90.0	26207.00	328.0	328.0
TOTAL					571	594	

	USER NAME = KYLE.HARRISON		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P	SECTION		COUNTY	TOTAL	SHEET
			DRAWN -		REVISED -							RTE.				SHEETS	NO.
			CHECKED -		REVISED -							649	3RS-6/4RS-2		MARSHALL	37	9
															CONTRACT NO. 68J96		
	PLOT DATE = 12/5/2025		DATE -		REVISED -							SCALE:		SHEET 3	OF 3	SHEETS	STA.
ILLINOIS FED. AID PROJECT																	

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USER NAME	= abdallah.sweidan	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 12/2/2025	DATE	-	REVISED	-

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

LINE DIAGRAM			
SCALE:	SHEET A001	OF 1 SHEETS	STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6:4RS-2	MARSHALL	37	10
CONTRACT NO. 68J96				
ILLINOIS FED. AID PROJECT				

MODEL: EXCL - Plan 1 (Sheet)
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MATCHLINE STA. 465+20.90

PI STA 465+73.90

STA 468+48 TO STA 468+73
RUMBLE STRIP = 33.3 SQ YD

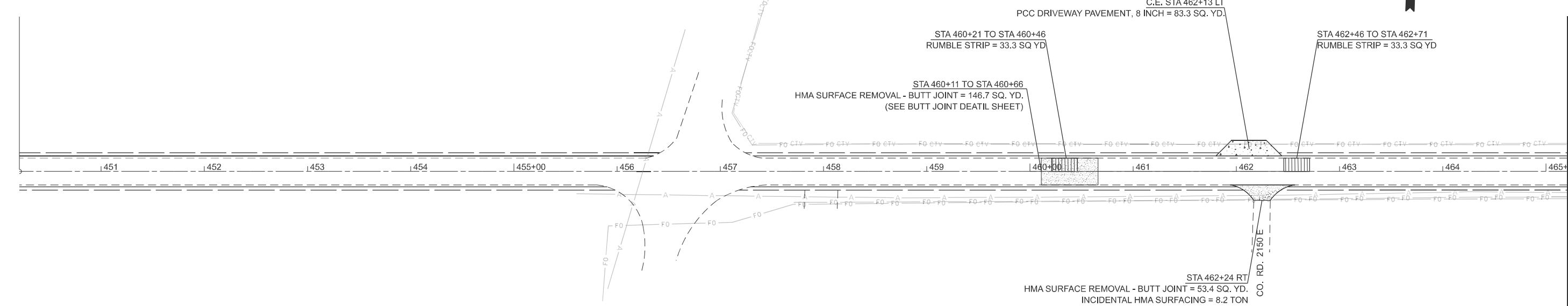
F.E. STA 475+45 RT
AGG SURFACE COURSE, TYPE A = 1.7 TON

STA 475+50 LT
HMA SURFACE REMOVAL - BUTT JOINT = 86.1 SQ. YD.
INCIDENTAL HMA SURFACING = 13.3 TON

VARNA RD. E



MATCHLINE STA. 480+20.90



MATCHLINE STA. 465+20.90

	USER NAME = abdallah.sweidan	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 12/2/2025	DATE -	REVISED -

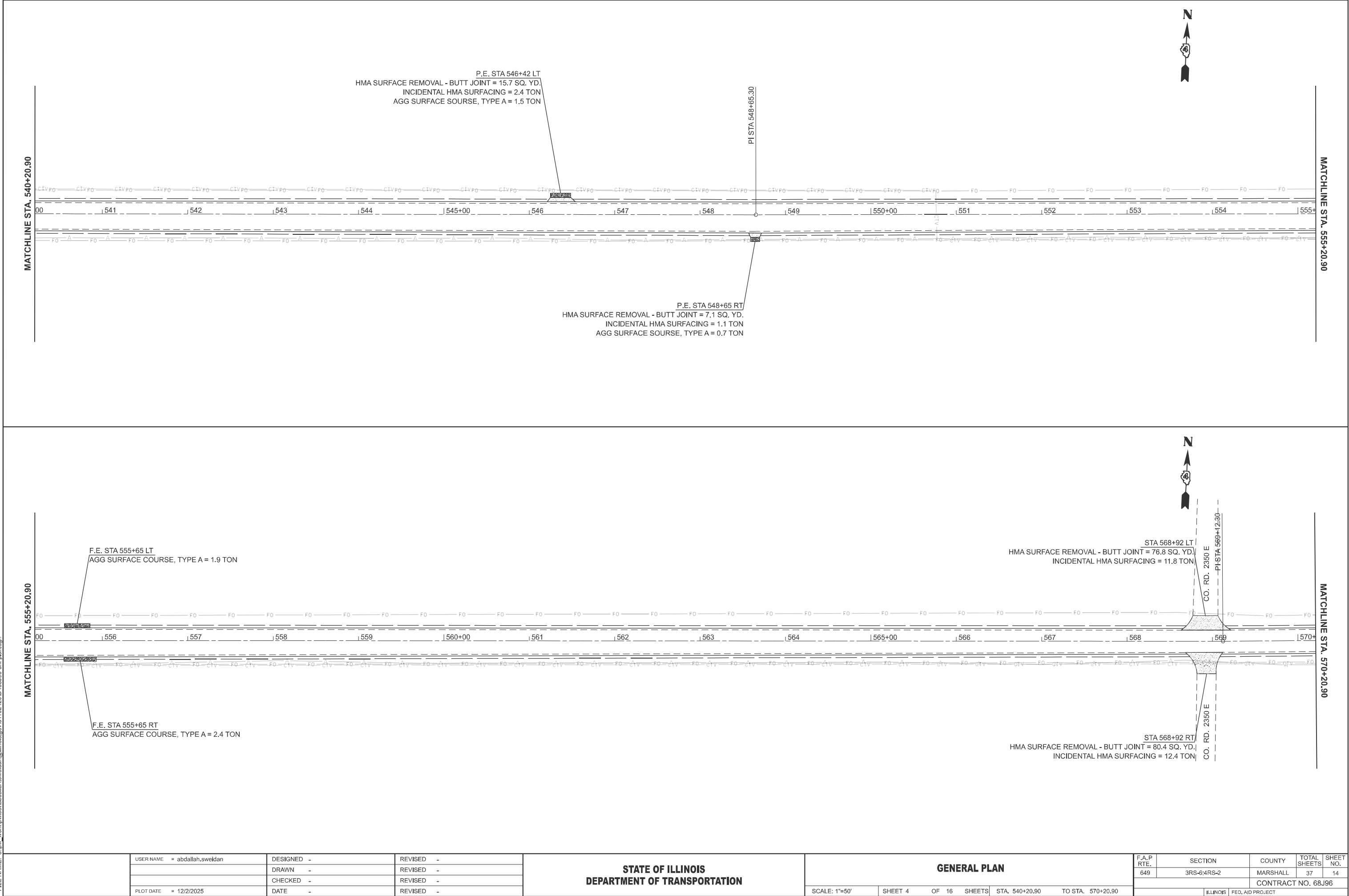
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN

SCALE: 1"=50' SHEET 1 OF 16 SHEETS STA. 450+20.90 TO STA. 480+20.90

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6:4RS-2	MARSHALL	37	11
CONTRACT NO. 68J96				
ILLINOIS FED. AID PROJECT				

MODEL: ExCL - Plan 7 (Sheet)
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	USER NAME = abdallah.sweidan	DESIGNED -	REVISED -
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	PLOT DATE = 12/2/2025	DATE -	REVISED -

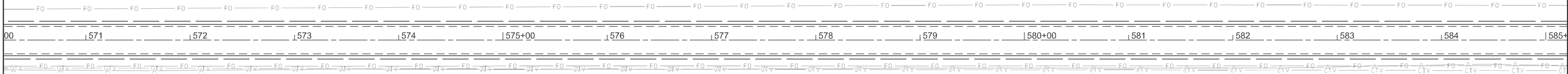
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN			
SCALE: 1"=50'	SHEET 4	OF 16 SHEETS	STA. 540+20.90 TO STA. 570+20.90

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6/4RS-2	MARSHALL	37	14
CONTRACT NO. 68J96				
ILLINOIS FED. AID PROJECT				

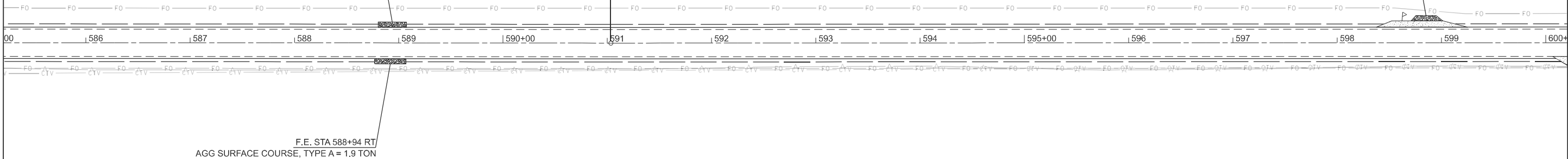
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MATCHLINE STA. 570+20.90



MATCHLINE STA. 585+20.90

MATCHLINE STA. 585+20.90



MATCHLINE STA. 600+20.90

	USER NAME = abdallah.sweidan	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 12/2/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

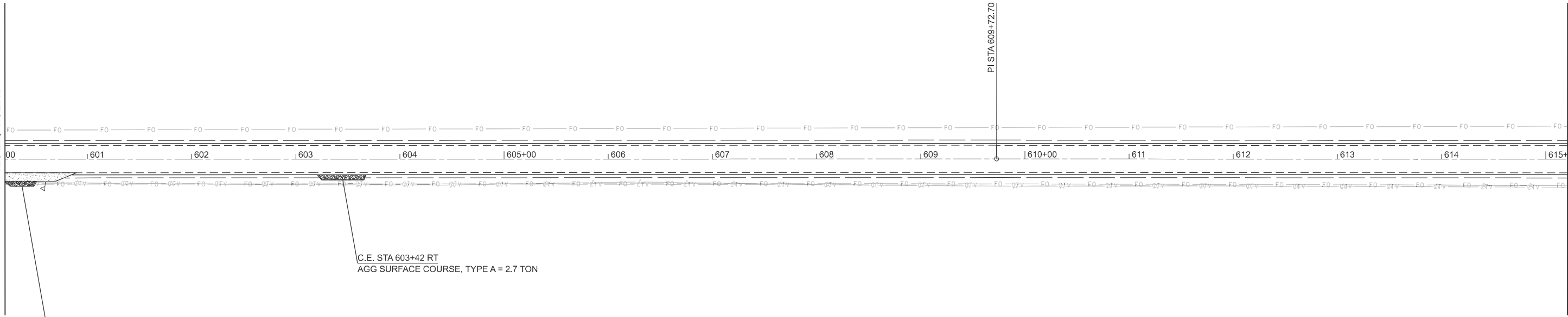
GENERAL PLAN

SCALE: 1"=50' SHEET 5 OF 16 SHEETS STA. 570+20.90 TO STA. 600+20.90

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6:4RS-2	MARSHALL	37	15
CONTRACT NO. 68J96				
ILLINOIS FED. AID PROJECT				

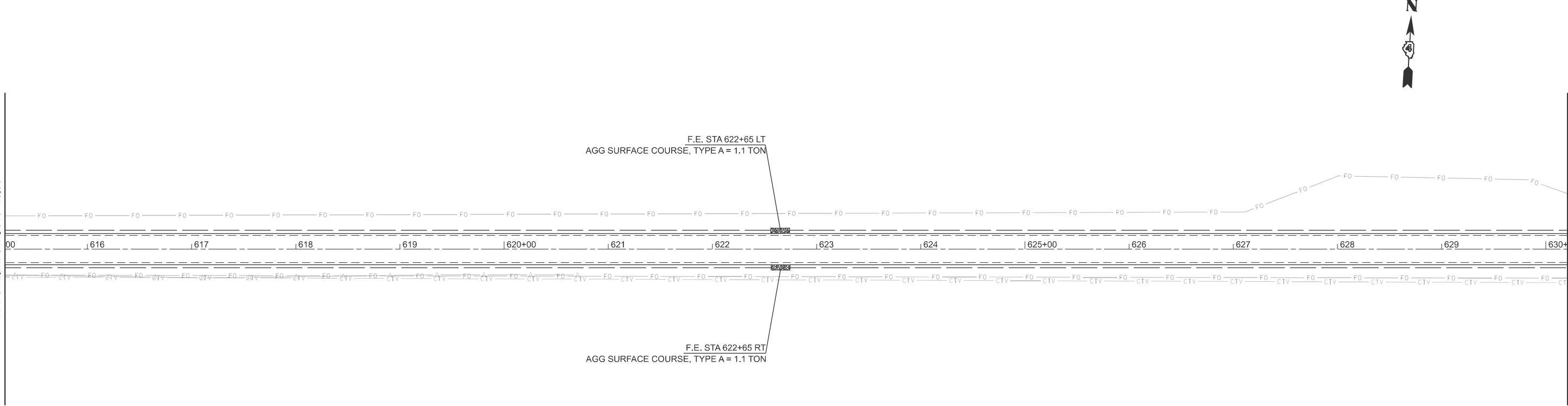
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MATCHLINE STA. 600+20.90



MATCHLINE STA. 615+20.90

MATCHLINE STA. 615+20.90



MATCHLINE STA. 630+20.90

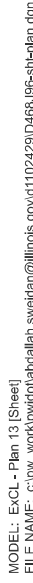
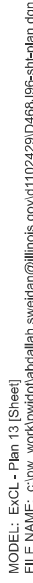
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN

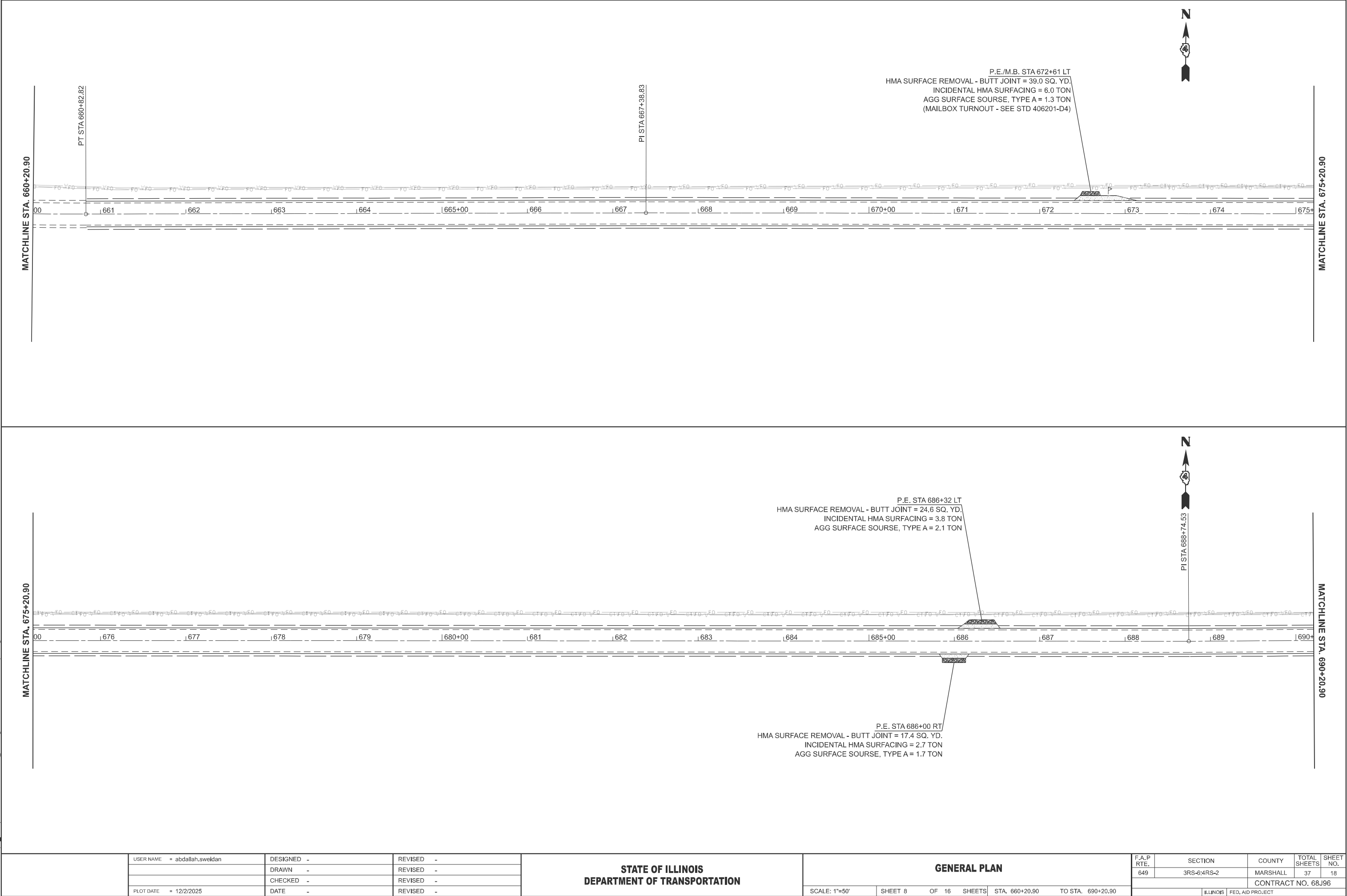
SCALE: 1"=50' SHEET 6 OF 16 SHEETS STA. 600+20.90 TO STA. 630+20.90

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6:4RS-2	MARSHALL	37	16
CONTRACT NO. 68J96				
		ILLINOIS	FED. AID PROJECT	



USER NAME = abdallah.swaidan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						649	3RS-6;4RS-2	MARSHALL	37	17
	CHECKED -	REVISED -		CONTRACT NO. 68J96								
PLOT DATE = 12/2/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 7	OF 16 SHEETS	STA. 630+20.90	TO STA. 660+20.90				

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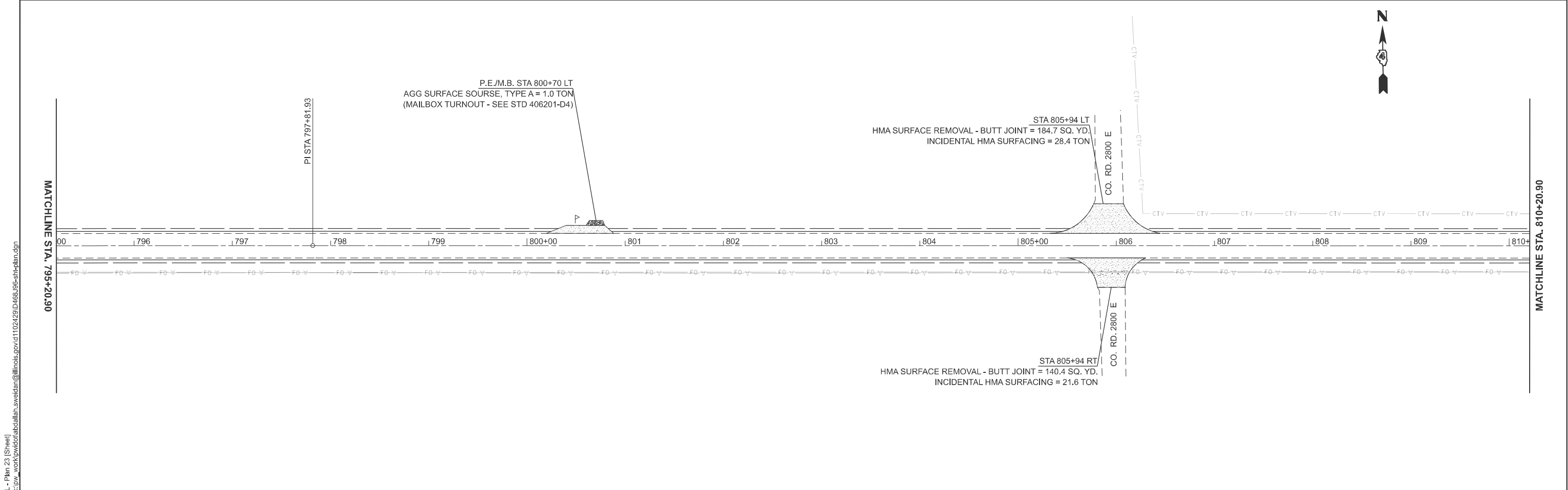
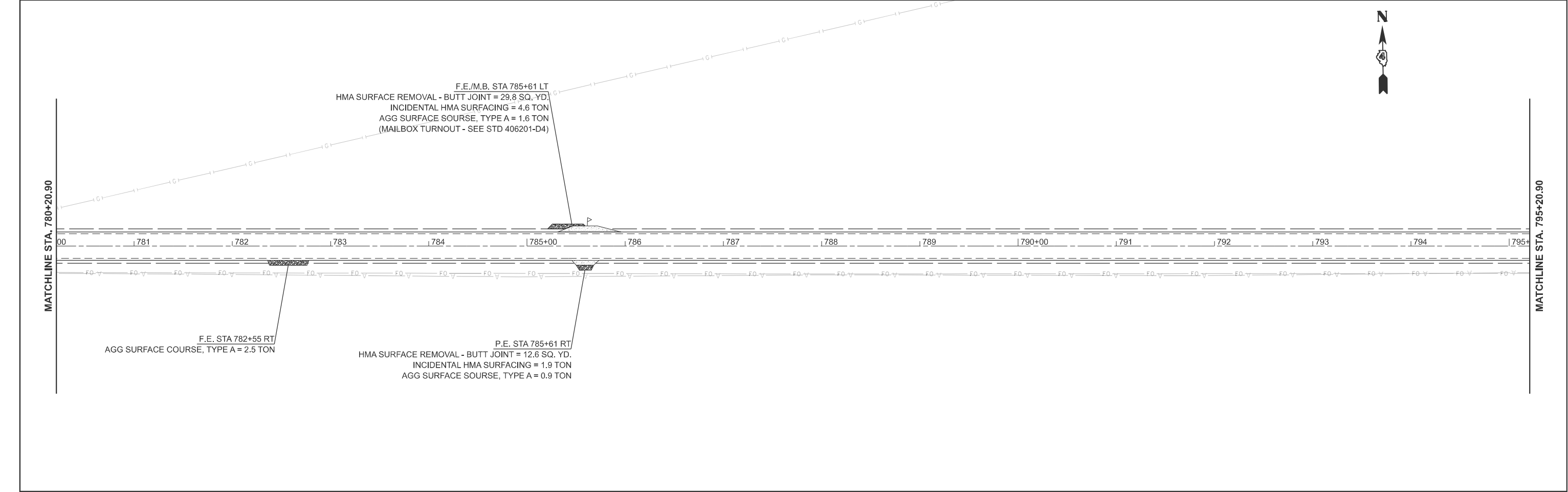


USER NAME	= abdallah.sweidan	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 12/2/2025	DATE	-	REVISED	-

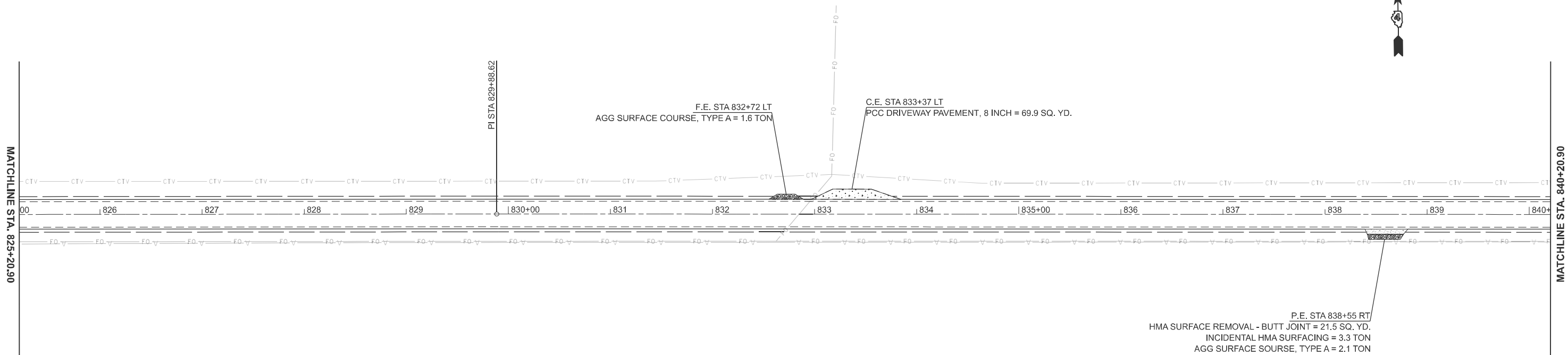
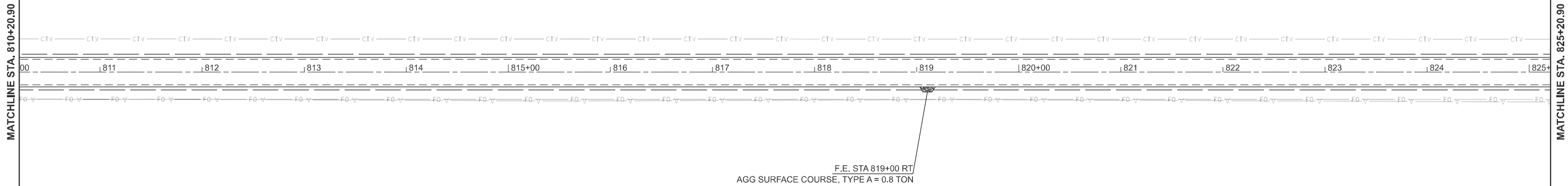
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN			
SCALE: 1"=50'	SHEET 8	OF 16 SHEETS	STA. 660+20.90 TO STA. 690+20.90

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6:4RS-2	MARSHALL	37	18
CONTRACT NO. 68J96				
ILLINOIS FED. AID PROJECT				



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		DRAWN -	REVISED -					649	3RS-6:4RS-2	MARSHALL	37	22
		CHECKED -	REVISED -					CONTRACT NO. 68J96				
	PLOT DATE = 12/2/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 12	OF 16 SHEETS	STA. 780+20.90	TO STA. 810+20.90	ILLINOIS FED. AID PROJECT		



USER NAME = abdallah.sweidan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/2/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

SCALE: 1"=50'	SHEET 13	OF 16	SHEETS	STA. 810+20.90	TO STA. 840+20.90
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6;4RS-2	MARSHALL	37	23
		CONTRACT NO. 68J96		
ILLINOIS		FED. AID PROJECT		

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MODEL: Excl - Plan 29 [Sheet]
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MATCHLINE STA. 870+20.90



MATCHLINE STA. 885+20.90

MATCHLINE STA. 885+20.90



MATCHLINE STA. 900+20.90

USER NAME	= abdallah.sweidan	DESIGNED	-	REVISED	-
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PLOT DATE	= 12/2/2025	DATE	-	REVISED	-

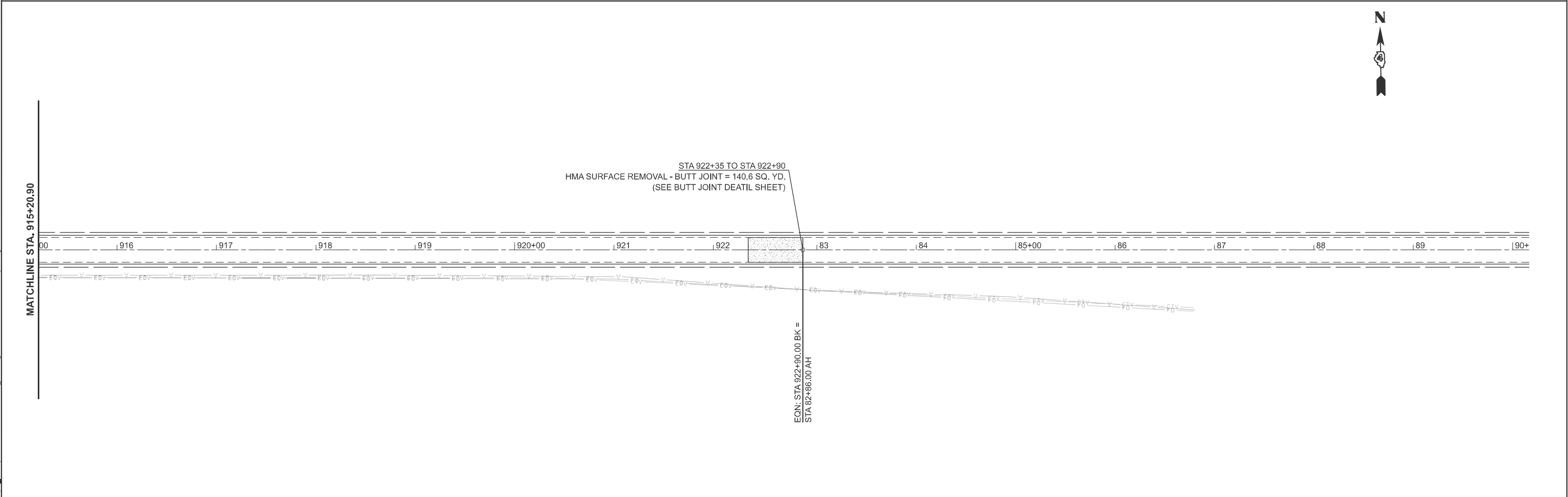
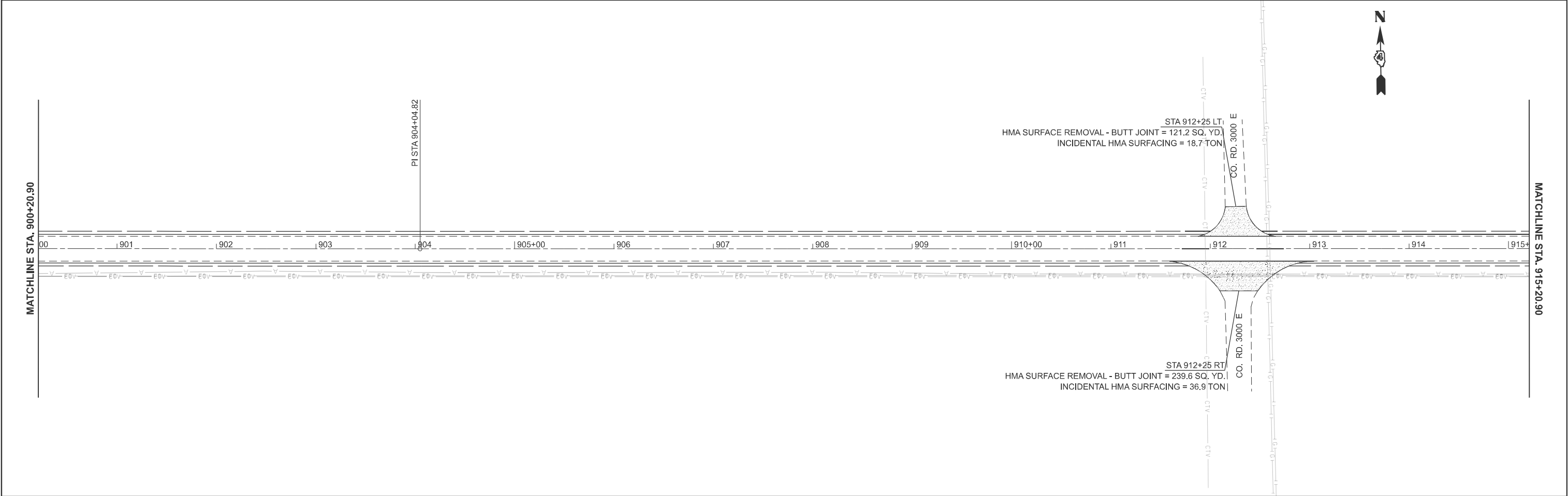
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN

SCALE: 1"=50' SHEET 15 OF 16 SHEETS STA. 870+20.90 TO STA. 900+20.90

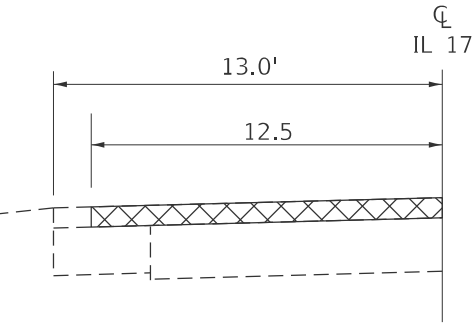
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6;4RS-2	MARSHALL	37	25
CONTRACT NO. 68J96				
ILLINOIS FED. AID PROJECT				

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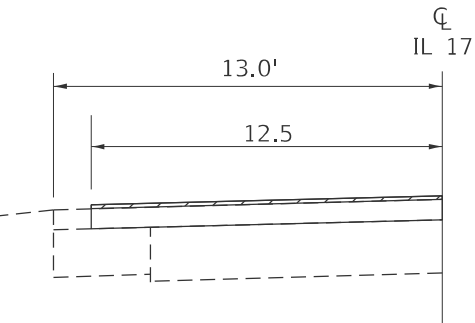


	USER NAME = abdallah.sweidan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CHECKED -	REVISED -					CONTRACT NO. 68J96				
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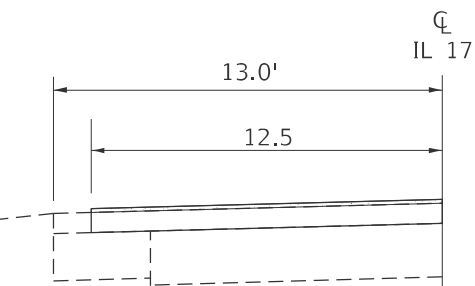
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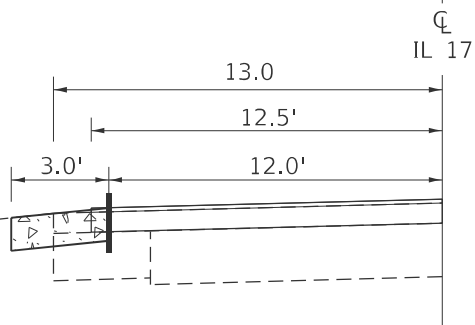
1. COLD-IN-PLACE RECYCLE (4") 
- PLACE SHORT TERM PAVEMENT MARKINGS
(PAINT SHALL BE USED ON CIR SURFACE)



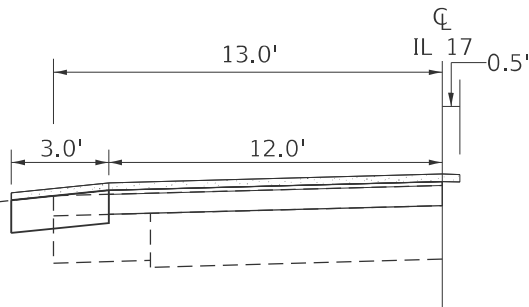
2. HMA SURFACE REMOVAL, VARIABLE DEPTH 
- (SEE CIR SPECIAL PROVISION)



3. PLACE 1.25" HMA BINDER COURSE 
- PLACE SHORT TERM PAVEMENT MARKINGS

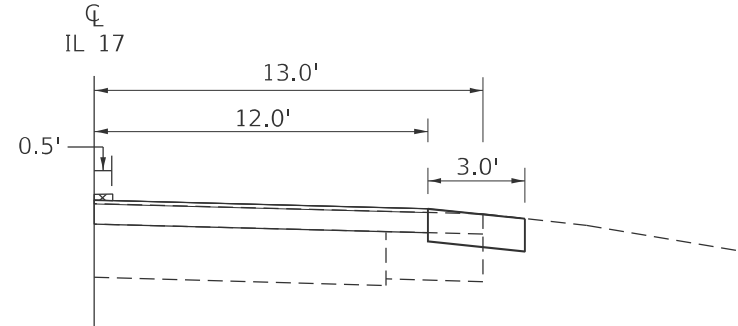


5. SAW CUT AT 12' FROM CL AND EXCAVATE AND GRADE EXISTING SHOULDER (3' WIDE)
6. PLACE HMA SHOULDERS (6.5") 

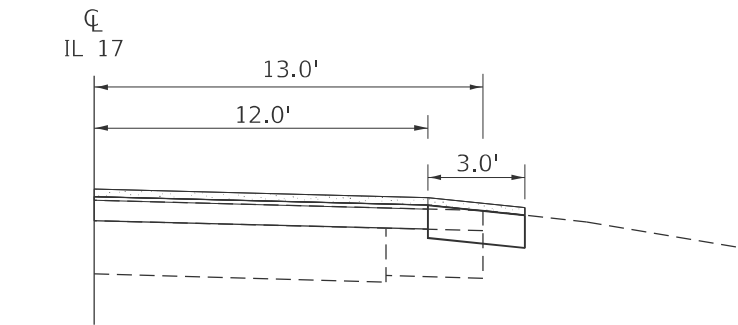


7. PLACE 1.5" HMA SURFACE COURSE MONOLITHICALLY WITH 3' SHOULDER - EXTENDING 6" INTO THE OPPOSITE LANE (SEE SPECIAL PROVISION)
- PLACE SHORT TERM PAVEMENT MARKINGS

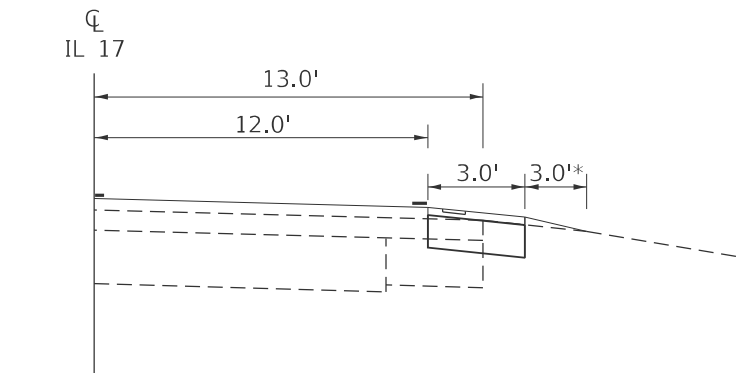
COLD-IN-PLACE RECYCLING
SEQUENCE OF OPERATIONS
STA. 460+11 TO 642+50
STA. 660+00 TO 729+41



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



9. PLACE 1.5" HMA SURFACE COURSE MONOLITHICALLY WITH 3' SHOULDER ON REMAINING LANE 



10. PLACE 3' AGGREGATE WEDGE SHOULDERS, TYPE B GROOVE RUMBLE STRIP INTO SHOULDER
- PLACE PAVEMENT MARKINGS AND RPMS
- * 1' AGGREGATE SHOULDERS FROM STA 660+00 TO STA 729+41

	USER NAME = abdallah.sweidan	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 12/2/2025	DATE -	REVISED -

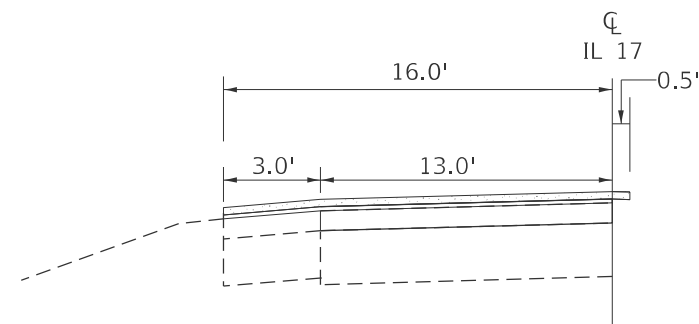
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATIONS

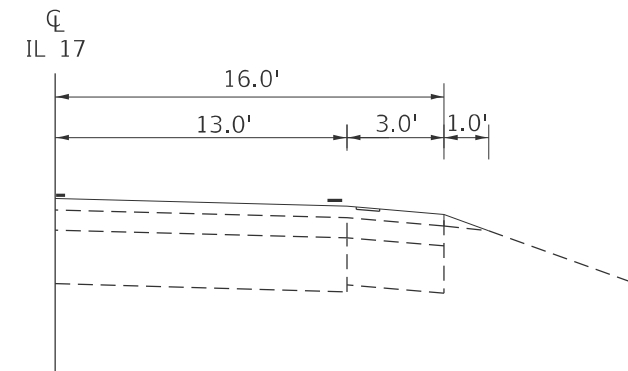
SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6:4RS-2	MARSHALL	37	27
CONTRACT NO. 68J96				
ILLINOIS FED. AID PROJECT				

COLD-IN-PLACE RECYCLING
SEQUENCE OF OPERATIONS
STA. 642+50 TO 660+00

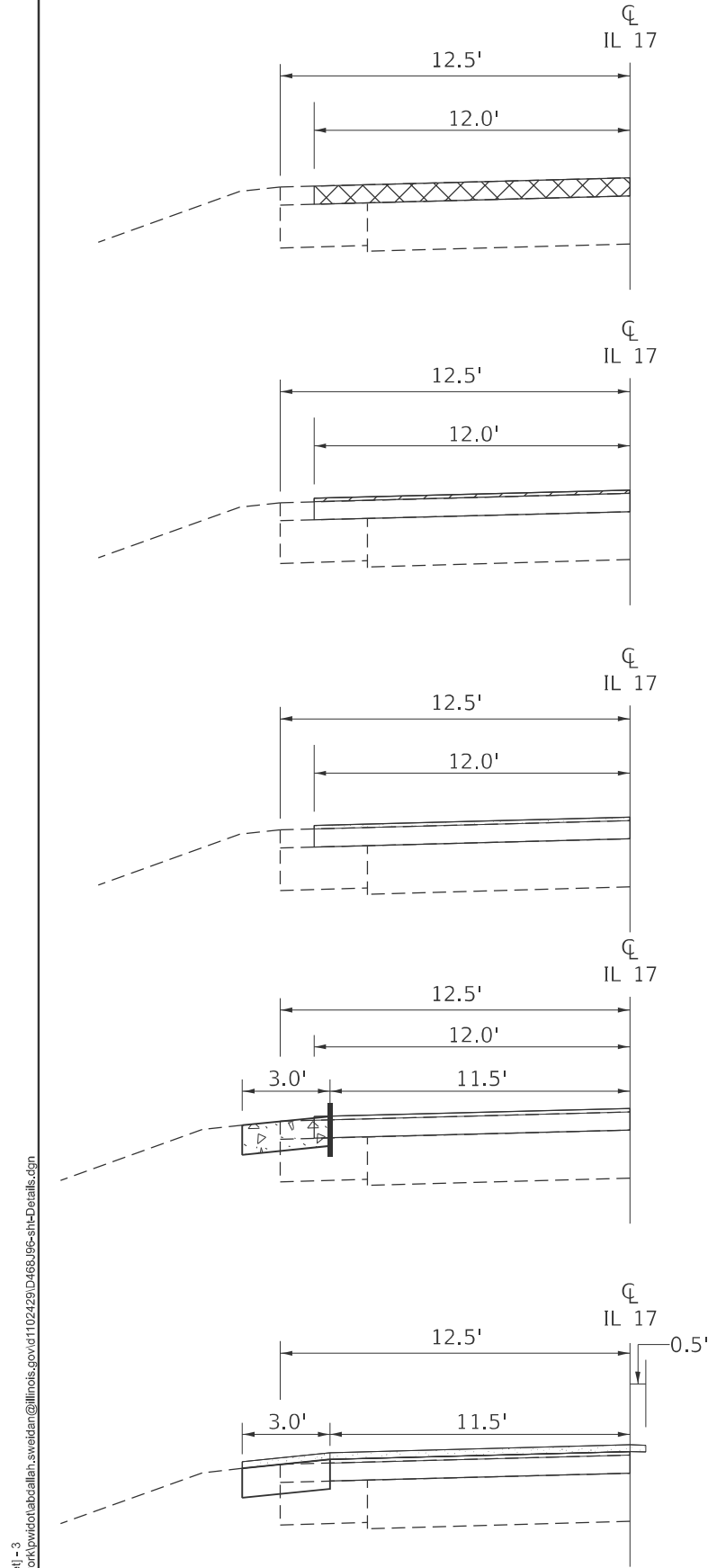


4. PLACE 1.5" HMA SURFACE COURSE 
MONOLITHICALLY WITH 3' SHOULDER - EXTENDING 6" INTO THE OPPOSITE LANE (SEE SPECIAL PROVISION)
- PLACE SHORT TERM PAVEMENT MARKINGS



7. PLACE 1' AGGREGATE WEDGE SHOULDERS,
TYPE B GROOVE RUMBLE STRIP INTO SHOULDER
PLACE PAVEMENT MARKINGS AND RPMS

MODEL: Detail [Sheet] - 3
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1. COLD-IN-PLACE RECYCLE (4") 
PLACE SHORT TERM PAVEMENT MARKINGS
(PAINT SHALL BE USED ON CIR SURFACE)

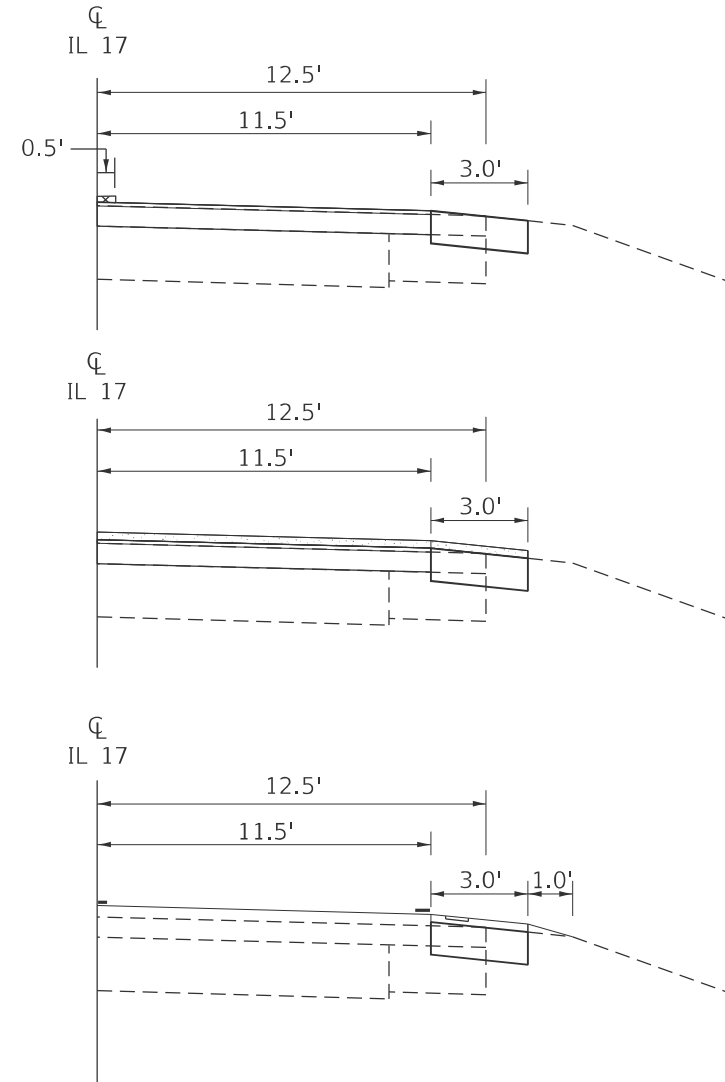
2. HMA SURFACE REMOVAL, VARIABLE DEPTH 
(SEE CIR SPECIAL PROVISION)

3. PLACE 1.25" HMA BINDER COURSE 
PLACE SHORT TERM PAVEMENT MARKINGS

5. SAW CUT AT 11.5' FROM CL AND EXCAVATE AND GRADE EXISTING SHOULDER (3' WIDE) 
6. PLACE HMA SHOULDERS (6.5") 

7. PLACE 1.5" HMA SURFACE COURSE MONOLITHICALLY WITH 3' SHOULDER - EXTENDING 6" INTO THE OPPOSITE LANE (SEE SPECIAL PROVISION) 
PLACE SHORT TERM PAVEMENT MARKINGS

COLD-IN-PLACE RECYCLING
SEQUENCE OF OPERATIONS
STA. 729+41 TO 922+90



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

9. PLACE 1.5" HMA SURFACE COURSE MONOLITHICALLY WITH 3' SHOULDER ON REMAINING LANE 

10. PLACE 1' AGGREGATE WEDGE SHOULDERS, TYPE B GROOVE RUMBLE STRIP INTO SHOULDER
PLACE PAVEMENT MARKINGS AND RPMS

	USER NAME = abdallah.sweidan	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 12/2/2025	DATE -	REVISED -

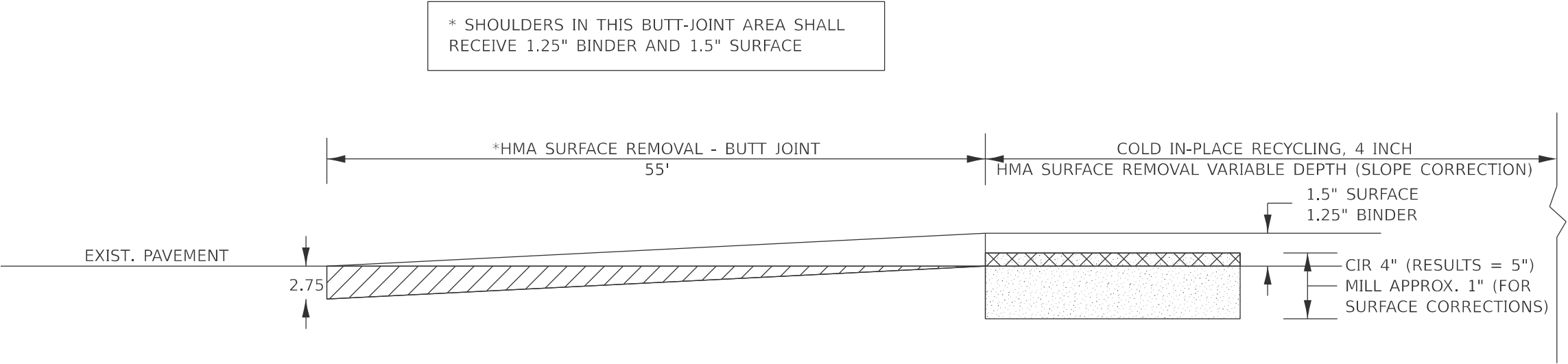
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATIONS

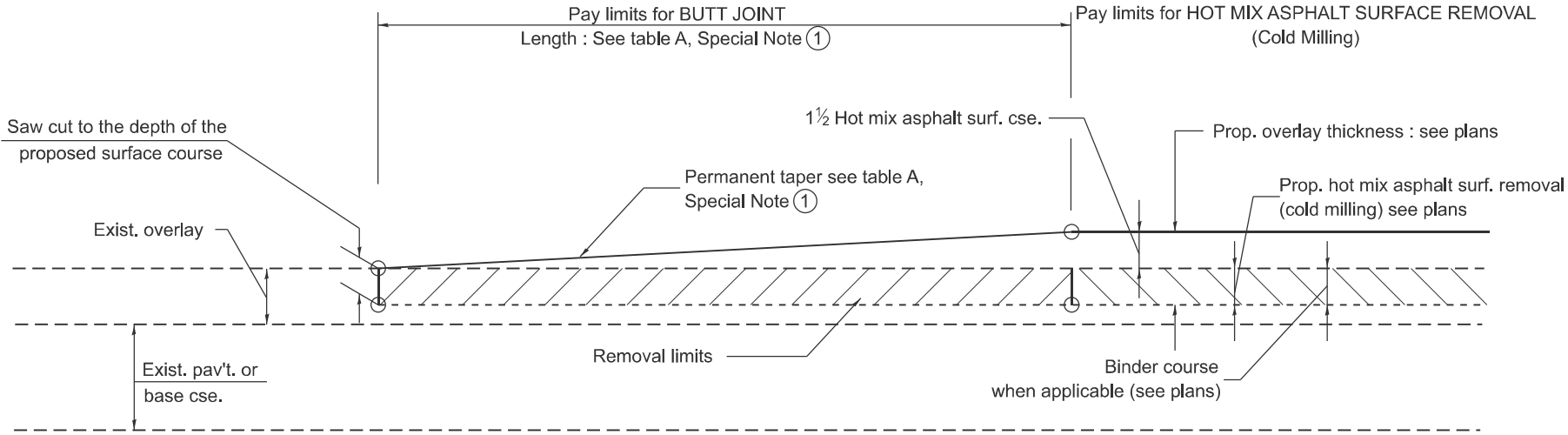
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6:4RS-2	MARSHALL	37	29
CONTRACT NO. 68J96				
ILLINOIS FED. AID PROJECT				

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	USER NAME = abdallah.sweidan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT DETAIL			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					649	3RS-6:4RS-2	MARSHALL	37	30
		CHECKED -	REVISED -					CONTRACT NO. 68J96				
	PLOT DATE = 12/2/2025	DATE -	REVISED -		SCALE:	SHEET 4	OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



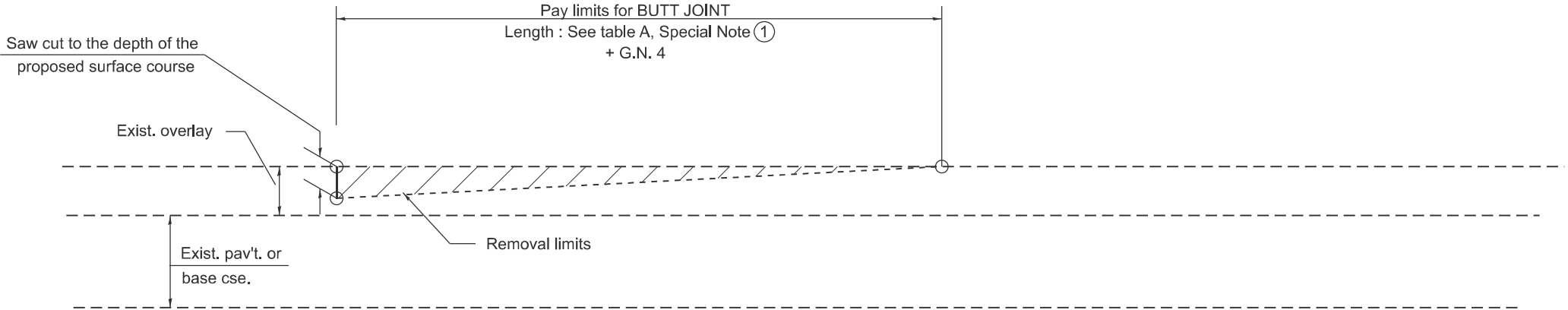
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

TABLE A
TAPER RATES

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

GENERAL NOTES

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



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

All dimensions are in inches unless otherwise noted.

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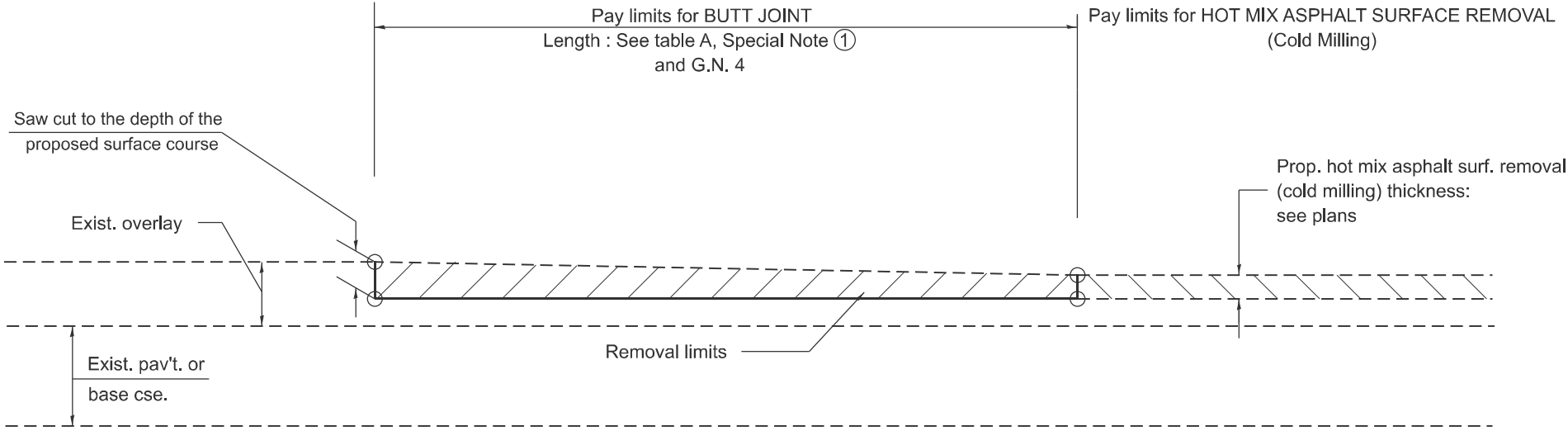
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

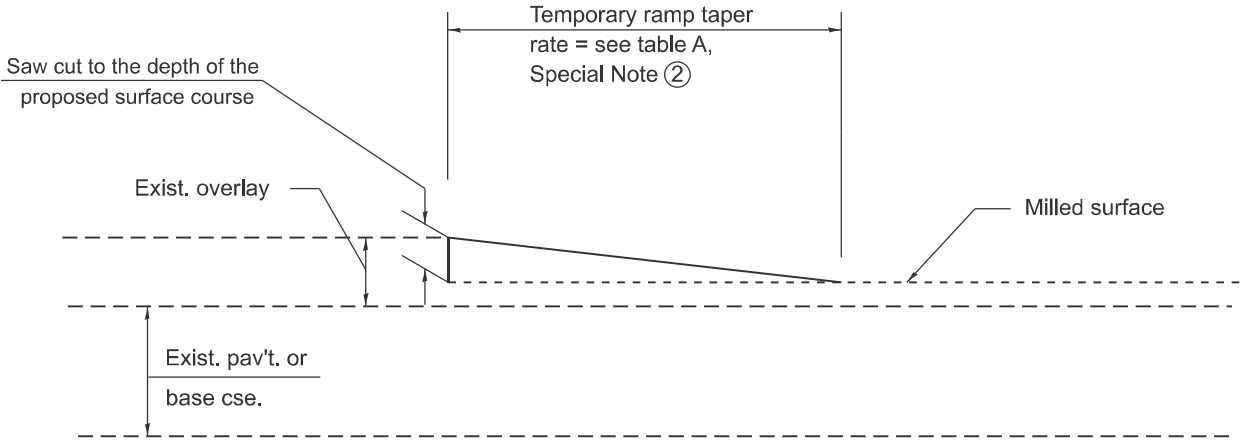
BUTT JOINTS

SCALE: NOT TO SCALE SHEET 1 1 OF 7 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6:4RS-2	MARSHALL	37	31
DISTRICT 4 STANDARD NO. 406101		CONTRACT NO. 68J96		
		ILLINOIS FED. AID PROJECT		



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



DETAIL TEMPORARY RAMP

All dimensions are in inches
unless otherwise noted.

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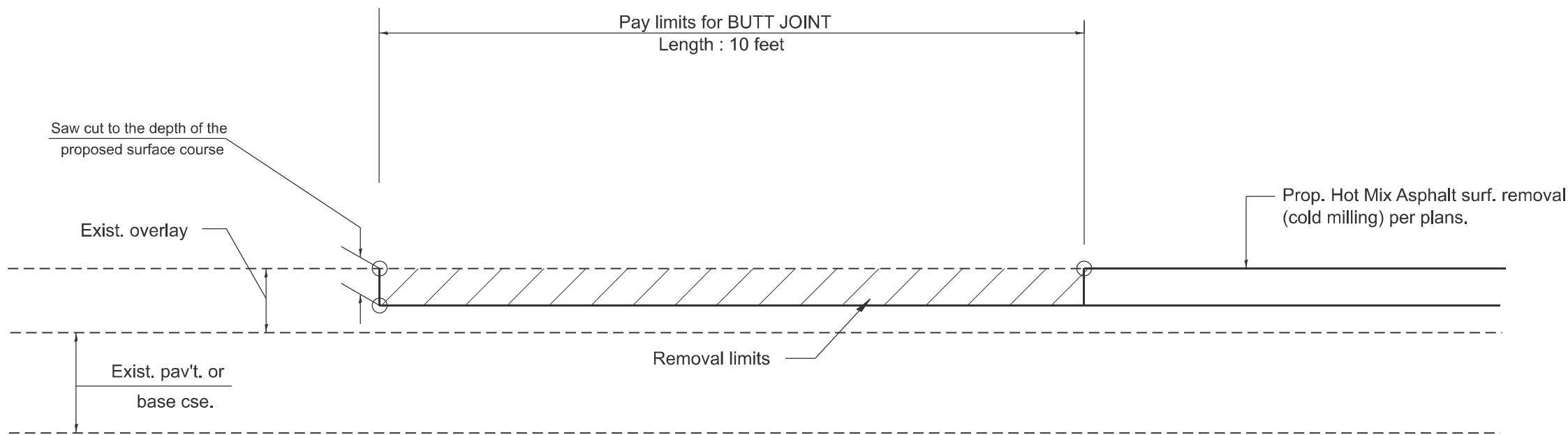
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PLOT DATE = 12/2/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

SCALE: NOT TO SCALE SHEET 2 2 OF 7 3 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6:4RS-2	MARSHALL	37	32
DISTRICT 4 STANDARD NO. 406101		CONTRACT NO. 68J96		
ILLINOIS		FED. AID PROJECT		



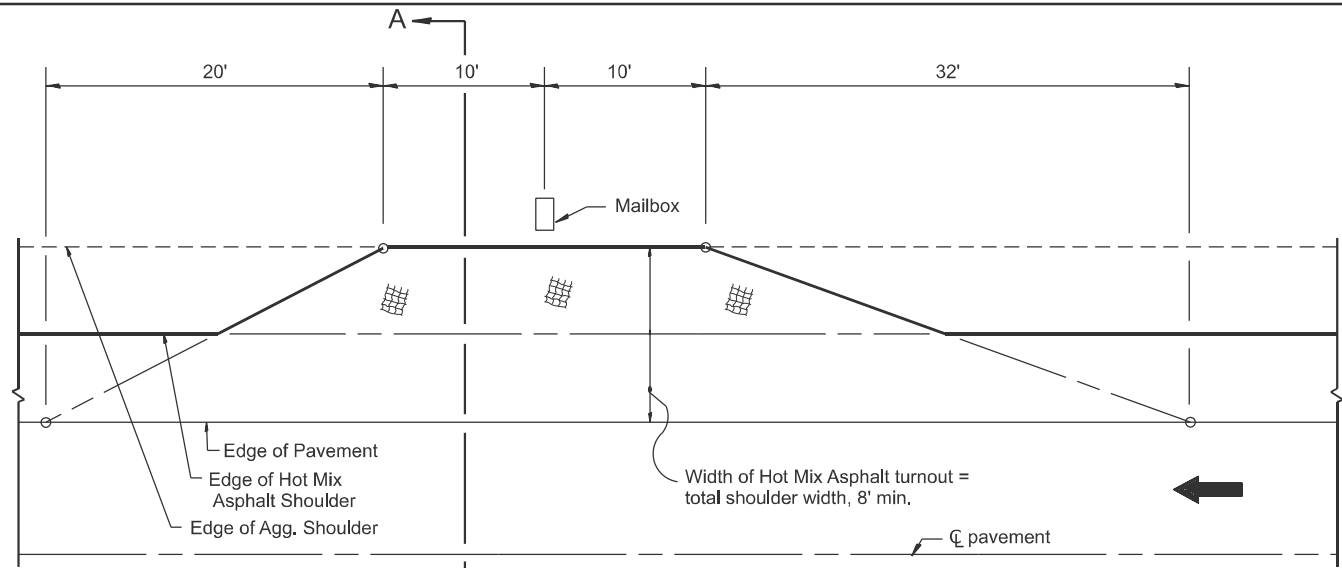
**CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**

All dimensions are in inches
unless otherwise noted.

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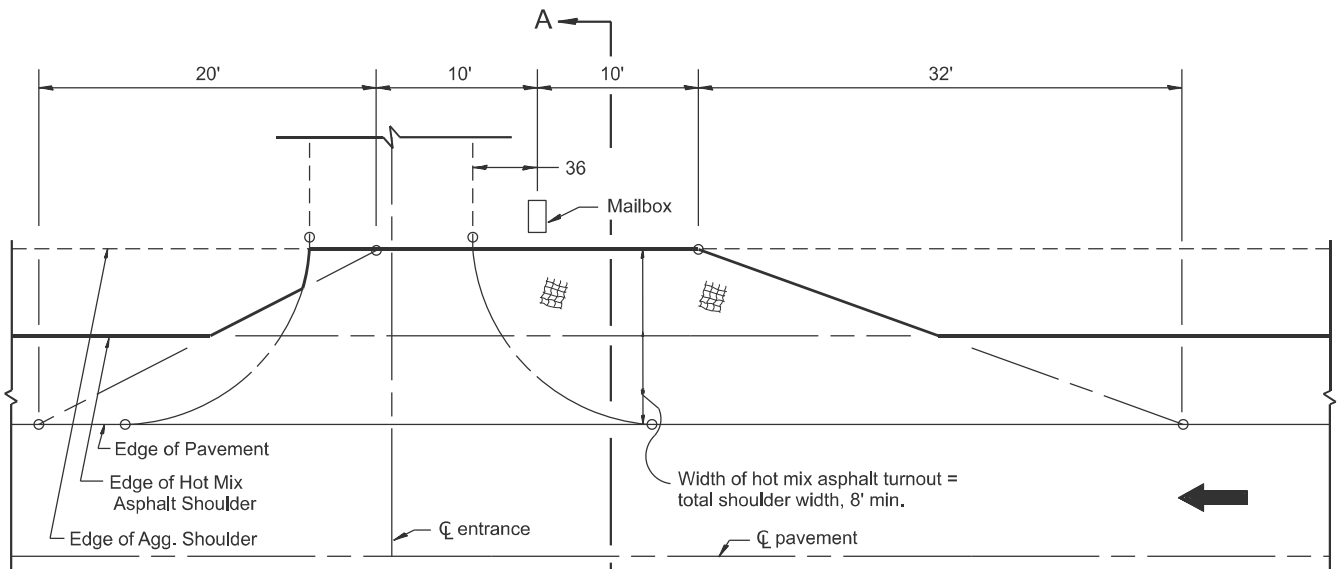
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		DRAWN -	REVISED -					649	3RS-6:4RS-2	MARSHALL	37	33
		CHECKED -	REVISED -		SCALE: NOT TO SCALE SHEET 3 3 OF 7 3 SHEETS STA. TO STA.			DISTRICT 4 STANDARD NO. 406101 CONTRACT NO. 68J96				
	PLOT DATE = 12/2/2025	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

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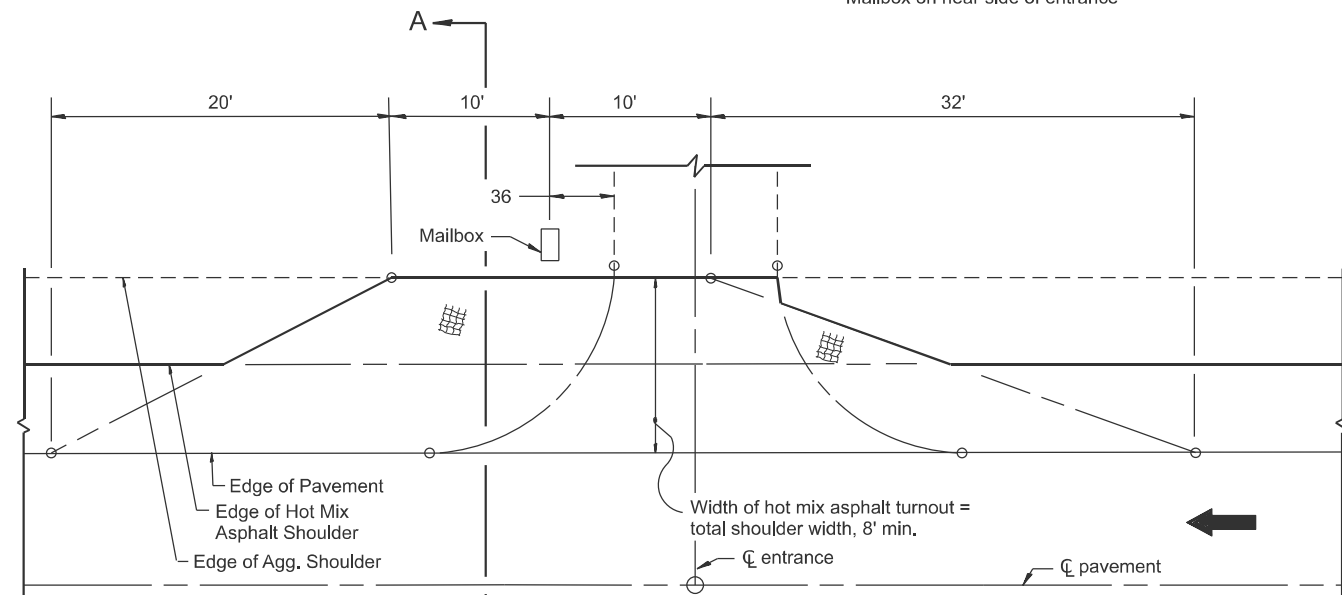
METHOD "T"

Typical Application



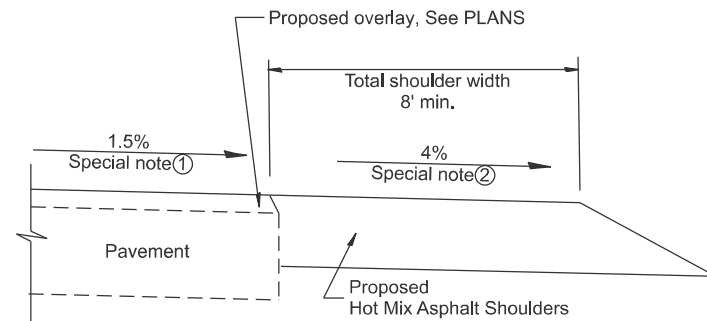
METHOD "N"

Mailbox on near side of entrance

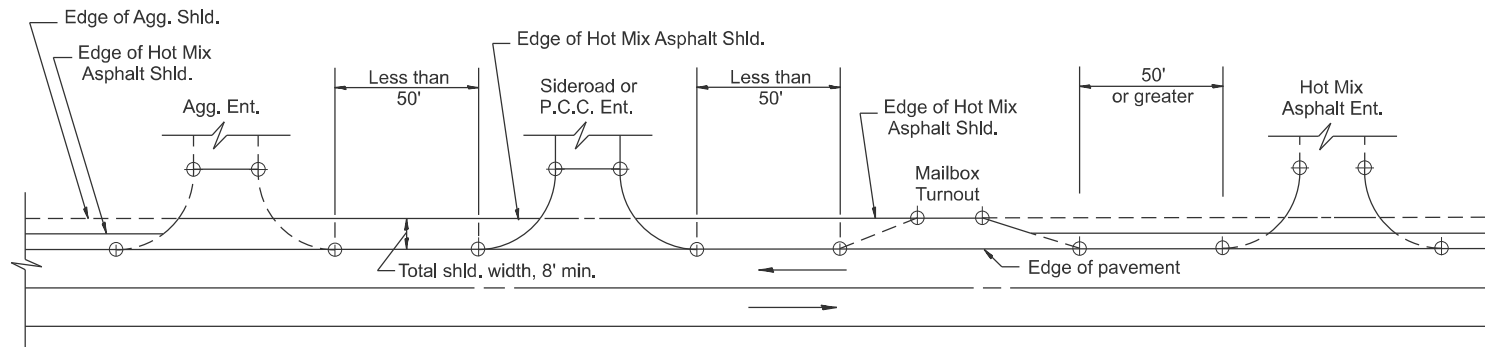


METHOD "F"

Mailbox on far side of entrance



SECTION A-A



DETAIL A

SHOULDER TREATMENT FOR CLOSELY SPACED SIDEROADS, ENTRANCES, AND/OR MAILBOX TURNOUTS

GENERAL NOTES

- Mailbox turnouts shall slope away from the pavement edge at a rate equal to the shoulder slope. See SECTION A-A.
- The total shoulder width, 8' minimum, shall be paved between sideroads entrances and/or mailbox turnouts at locations where the distance between radius or taper control points is less than 50'. See DETAIL A.
- Mailboxes shall be mounted such that the face of the mailbox is 6 to 12 and the post a minimum of 24 from the edge of the turnout surfacing.

SPECIAL NOTES

- The mainline pavement cross-slope is 1.5% for tangent alignment. See PLANS for cross-slope on superelevated horizontal curves.
- The shoulder slope shall control the turnout slope. The standard cross-slope is 4% for tangent alignment. Through superelevated curves, the maximum pavement-shoulder breakover should not be greater than 10% for shoulders 6' and wider and 12% for shoulders 4' and less. Where 12 paved shoulders are provided, the breakover should be at the edge of the paved shoulder rather than at the pavement edge.

All dimensions are in inches unless otherwise noted.

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PLOT DATE = 12/2/2025	DATE -	REVISED -

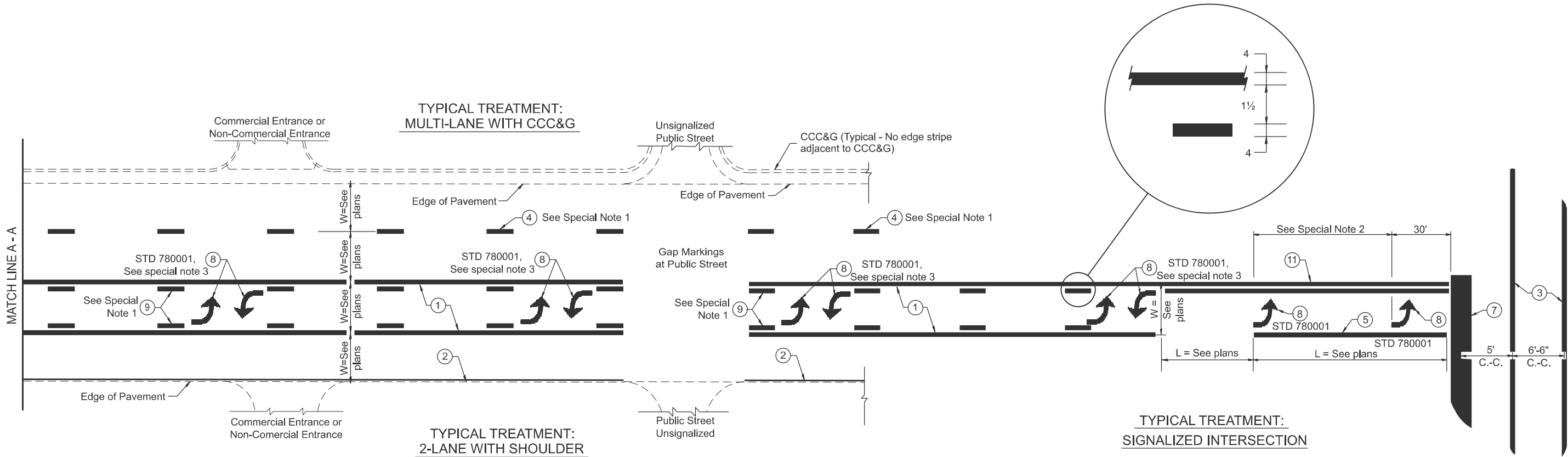
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAILBOX TURNOUTS FOR "3R" PROJECTS

SCALE: NOT TO SCALE | SHEET 4 OF 7 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6:4RS-2	MARSHALL	37	34
DISTRICT 4 STANDARD NO. 406201		CONTRACT NO. 68J96		
ILLINOIS		FED. AID PROJECT		

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

TYPICAL PAVEMENT MARKING LEGEND

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

- ① 4 Solid (Yellow)
- ② 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)

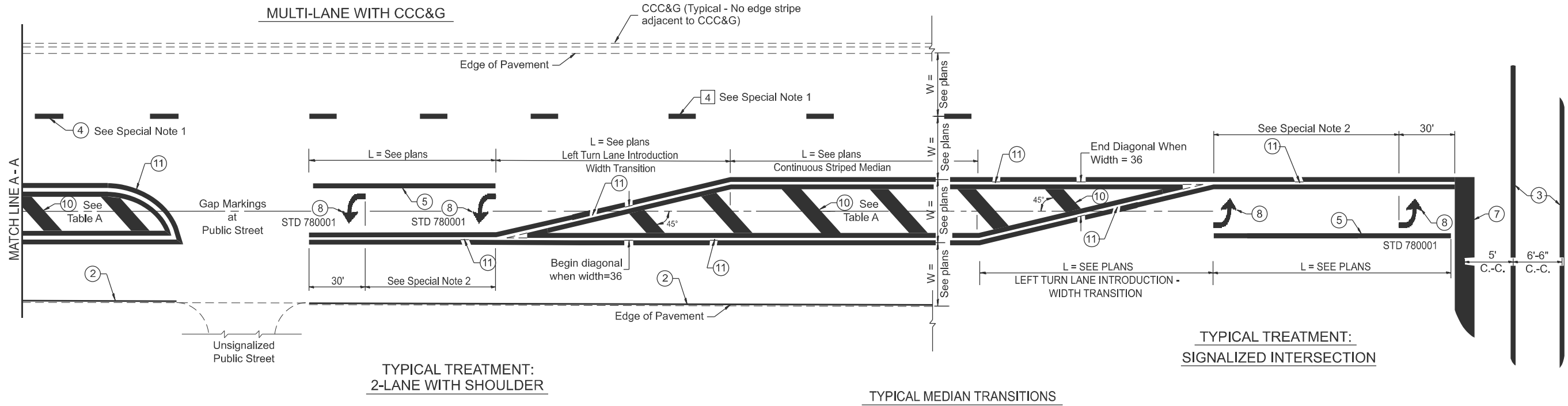
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PLOT DATE	= 12/2/2025	DATE	-	REVISED	-

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TYPICAL PAVEMENT MARKINGS

SCALE: NOT TO SCALE SHEET 5 1 OF 72 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6;4RS-2	MARSHALL	37	35
DISTRICT 4 DETAIL NO. 780001		CONTRACT NO. 68J96		
ILLINOIS		FED. AID PROJECT		

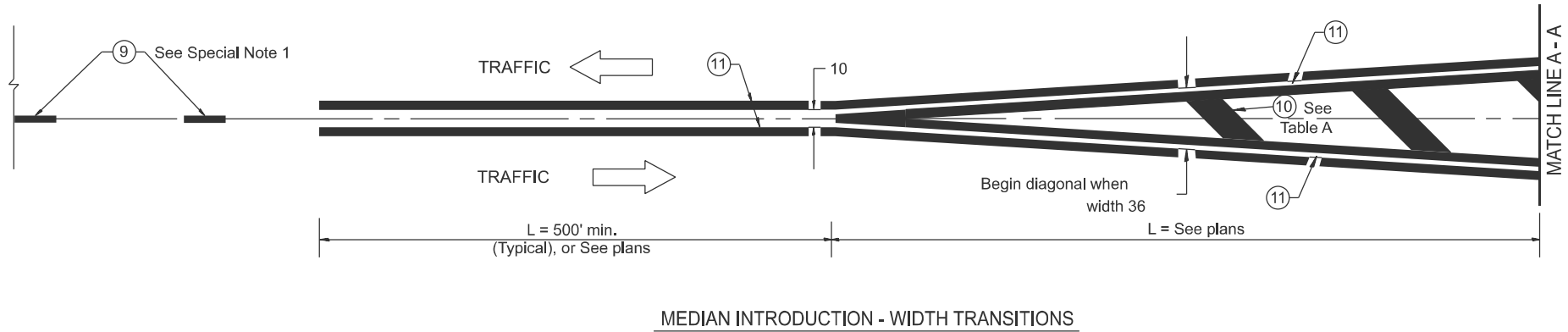


FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

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.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6:4RS-2	MARSHALL	37	36
DISTRICT 4 DETAIL NO. 780001		CONTRACT NO. 68J96		
ILLINOIS		FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

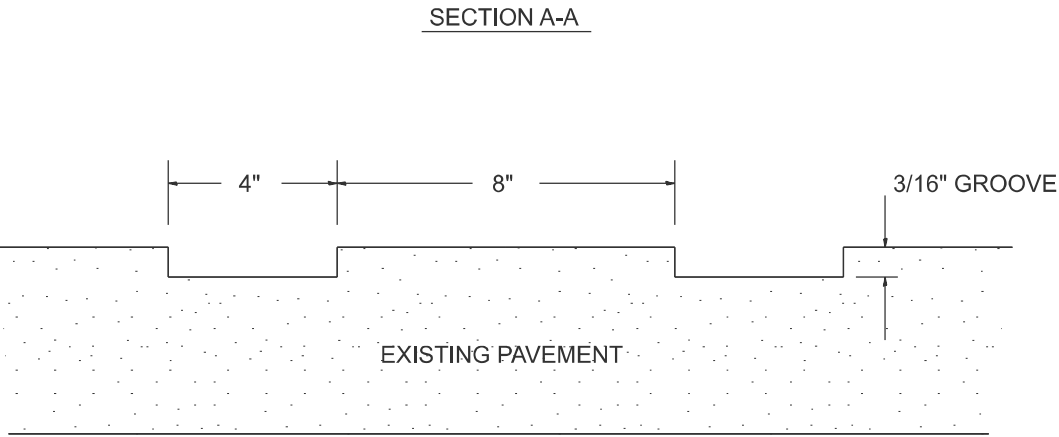
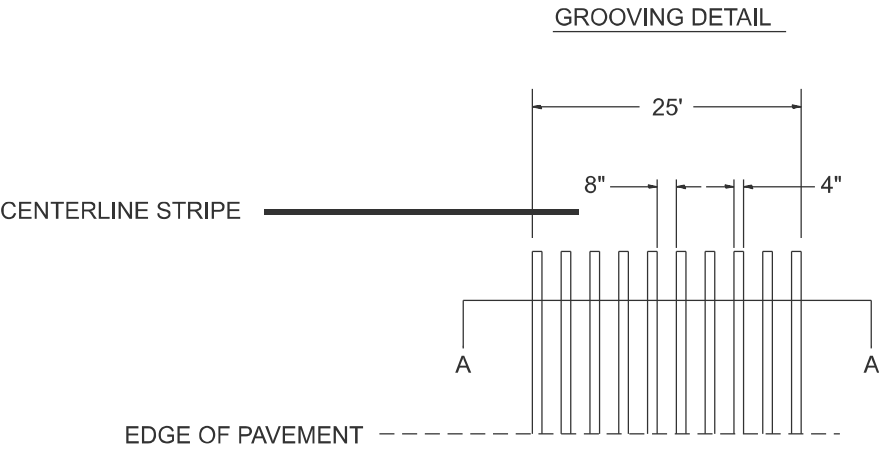
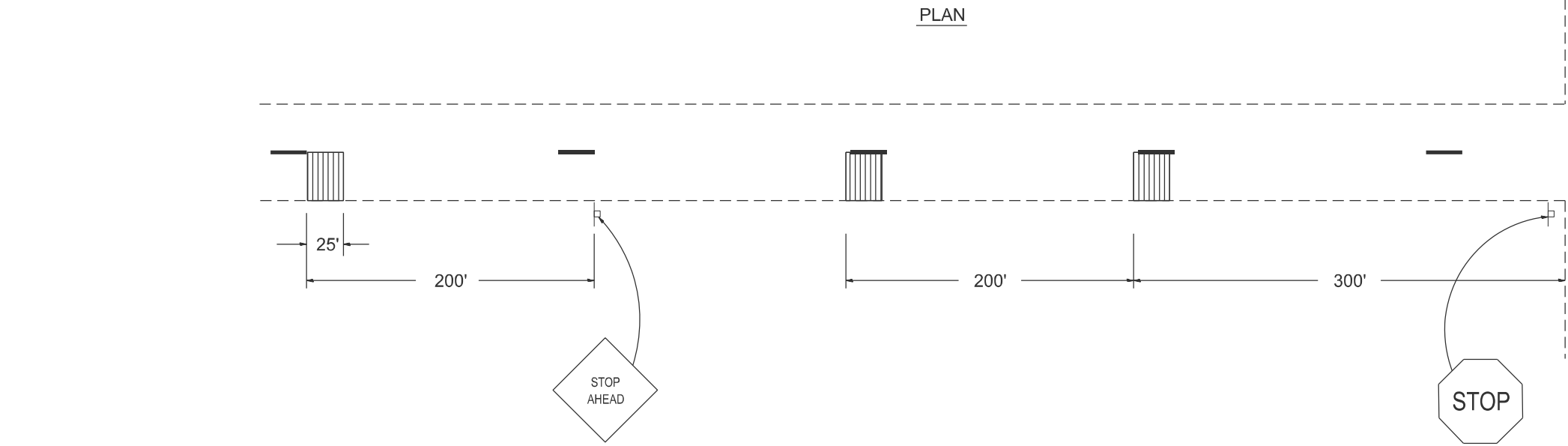
TYPICAL PAVEMENT MARKINGS

SCALE: NOT TO SCALE SHEET 6 2 OF 7 2 SHEETS STA. TO STA.

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		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 12/2/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROOVED-IN RUMBLE STRIP

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	3RS-6:4RS-2	MARSHALL	37	37
DISTRICT 4 DETAIL NO. 780002		CONTRACT NO. 68J96		
		ILLINOIS	FED. AID PROJECT	