

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(29X,31,42,42X,42Y)RS-3	SALINE	17	1
		ILLINOIS	CONTRACT NO. 78A51	

\*FAP 332/FAP 132

D-99-030-24

FOR INDEX OF SHEETS, SEE SHEET NO.3  
SUMMARY OF QUANTITIES, SEE SHEET NO. 4-5

**TRAFFIC DATA**  
ADT: 15,050 WITH 9.03% TRUCKS

**POSTED SPEED LIMITS**  
US 45- 35 MPH  
IL 34 / 145 - 40 MPH

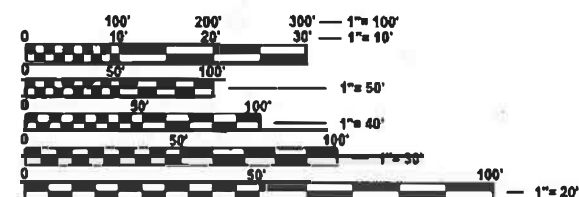
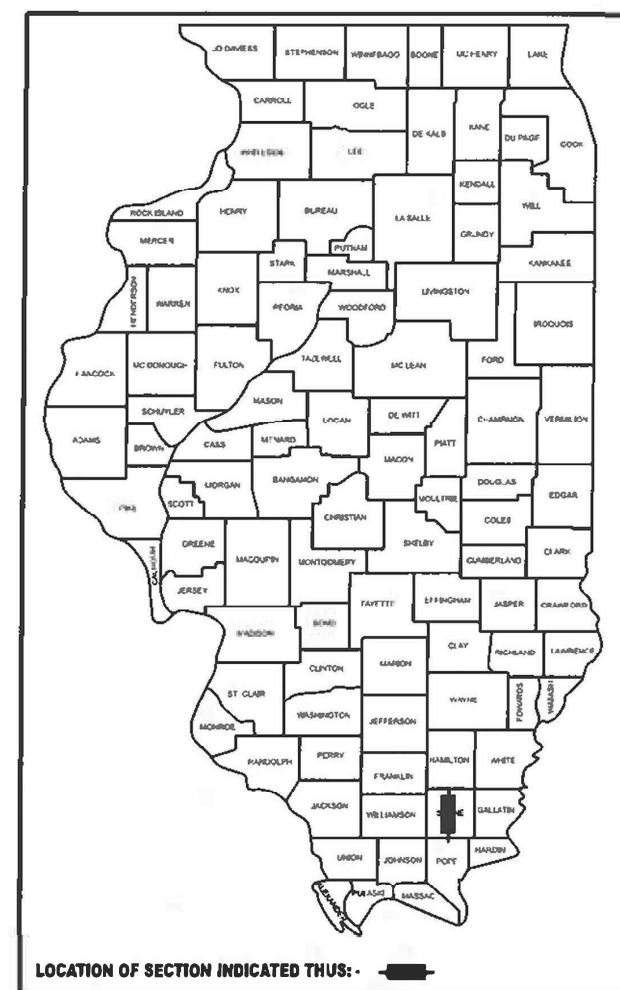
**TOWNSHIPS**  
HARRISBURG

**STATION EQUATION:**  
STA: 00+00 BK TO 100+00 AH  
STA: 104+57.54 BK TO 0+00 AH

# PROPOSED HIGHWAY PLANS

FAP 332 / FAP 132 ROUTE (US 45/IL 34)  
SECTION (29X,31,42,42X,42Y)RS-3  
PROJECT STP-CETE(533)  
RESURFACING  
SALINE COUNTY

C-99-071-24

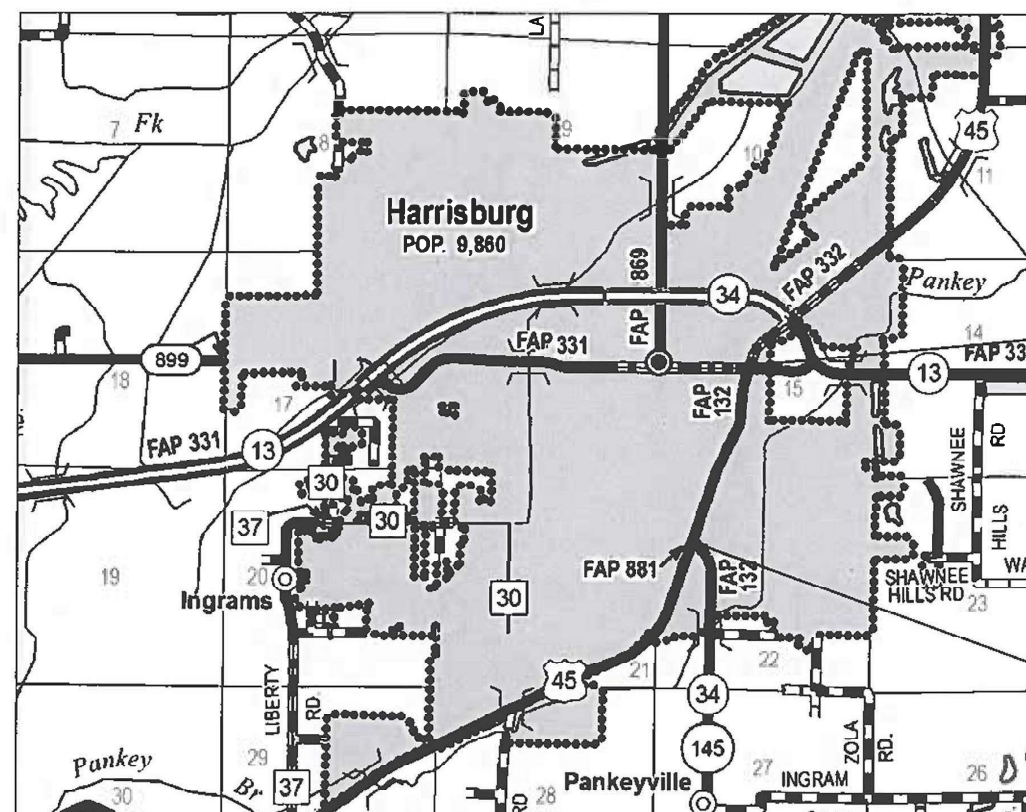


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: NATHAN TAYLOR  
PROJECT MANAGER: JAXON HORN

CONTRACT NO. 78A51



R6E

GROSS LENGTH = 4,436 FT. = 0.84 MILE  
NET LENGTH = 4,436 FT. = 0.84 MILE

PROJECT ENDS : POPLAR ST  
STA: 27+57.87

PROJECT BEGINS : IL 145  
STA: 12+20

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 19, 2024  
Kirk H. Brown REGIONAL ENGINEER  
May 10, 2024 SEA ENGINEER OF DESIGN AND ENVIRONMENT  
May 10, 2024 Stephen M. Smith DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

MODEL: 1-18-24 TAKE 2 (Sheet)  
FILE NAME: c:\new\work\project\plans\horm\illinois\project\plans\78A51-Shed-Cover-Sig.dgn

USER NAME	= Jaxon.Horn	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 0.16666633 / in.	CHECKED	-	REVISED	-
PLOT DATE	= 3/18/2024	DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

SCALE: SHEET OF 17 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(29X,31,42,42X,42Y)RS-3	SALINE	17	2
CONTRACT NO. 78A51				
ILLINOIS FED. AID PROJECT				

\*FAP 332/FAP 132

Prepared By: Susan Re  
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Lee  
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Car Miller  
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: [Signature]  
DISTRICT OPERATIONS ENGINEER

Examined By: Dagoberto  
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Dagoberto  
DISTRICT CONSTRUCTION ENGINEER

Examined By: Aam Hays  
DISTRICT MATERIALS ENGINEER



INDEX OF SHEETS

GENERAL NOTES

1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEET, GEN NOTES, MIX DESIGN, MTD TABLE
4 TO 6	SUMMARY OF QUANTITIES
7 TO 9	TYPICAL SECTIONS
10 TO 11	SCHEDULES
12 TO 16	PAVEMENT MARKING DETAILS
17	DETAILS: PAVEMENT DETAILS

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 420001-10 PAVEMENT JOINTS
- 442201-03 CLASS C & D PATCHES
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15 FT AWAY
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15 FT TO 24 IN FROM PAVEMENT EDGE
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15 FT TO 24 IN FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS 40 MPH OR LE
- 701602-10 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-09 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

MIX DESIGN TABLE

Locations	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix D, N70
PG:	PG64-22
Design Air Voids:	4.0%, 70 Gyratlon Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm
Friction Aggregate:	Mix D
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QCP
Sublot Size:	1,000 tons
Material Transfer Device	Yes

Locations	Hot-Mix Asphalt Binder Course
Mixture Use(s):	Hot-Mix Asphalt Binder Course, IL-9.5FG, N70
PG64-22	PG64-22
Design Air Voids:	4.0%, 70 Gyratlon Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm Fine Graded
Friction Aggregate:	None
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QCP
Sublot Size:	3,000 tons
Material Transfer Device	Yes

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

ALL HOT MIX ASPHALT 2.016 TONS/CU. YD.

ALL AGGREGATE 2.05 TONS/CU. YD.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE

AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT MIX ASPHALT SURFACE AT 300 FT INTERVALS ON THE INSIDE EDGE OF THE OUTSIDE SHOULDER AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

HMA RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE HMA SURFACE COURSE

ALL DETECTOR LOOP CORNERS SHALL BE CORE DRILLED 2 IN. MINIMUM DIAMETER EXCEPT THOSE PLACED UNDER RESURFACING. THE DETECTOR LOOP CORNERS PLACED UNDER RESURFACING SHALL BE DIAGONALLY SAWCUT.

ALL DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO RESURFACING.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.

VIBRATORY ROLLERS WILL NOT BE ALLOWED WITHIN THE CORPORATE LIMITS OF HARRISBURG

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT OF WAY WITHIN THE PROJECT LIMITS. DISPOSAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WASTE SHALL BE DISPOSED OF THE STANDARD SPECIFICATIONS.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVE OF THE PAVEMENT MARKING LAYOUT.

THE CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE HOT MIX ASPHALT SURFACE REMOVAL.

COMMITMENTS: NONE

REV. - MS

MODEL: 1-18-24 GEN NOTES (Sheet)  
FILE NAME: c:\paw\work\down\haron.horn@illinois.gov\093957\0978451-SHB-Index-GenNotes.dgn

	USER NAME = Jaxon.Horn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHEET INDEX, GENERAL NOTES, MIX DESIGN TABLE, LIST OF COMMITMENTS	FA* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			*	(28X,31,42,42X,42Y)RS-3	SALINE	17	3
	PLOT SCALE = 99.99980000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78A51				
	PLOT DATE = 3/20/2024	DATE -	REVISED -			ILLINOIS   FED. AID PROJECT				
	SCALE: SHEET OF 17 SHEETS STA. TO STA.					*FAP 332/FAP 132				

# SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	COUNTY:	SALINE COUNTY
			ROUTE:	US 45
			FUNDING:	80% FEDERAL 20% STATE
			LOCATION:	URBAN
			TOTAL QUANTITY	ROADWAY 0005
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	19,792	19,792
40600370	LONGITUDINAL JOINT SEALANT	FOOT	16,779	16,779
40600990	TEMPORARY RAMP	SQ YD	2,851	2,851
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	2,039	2,039
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	2,466	2,466
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	222	222
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	29,098	29,098
44201403	CLASS C PATCHES, TYPE II, 14 INCH	SQ YD	292	292
44201407	CLASS C PATCHES, TYPE III, 14 INCH	SQ YD	24	24
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	10	10
67100100	MOBILIZATION	L SUM	1	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1

REV. - MS

MODEL: SQO 1X2 1-18-26 [Sheet]  
FILE NAME: c:\pwworking\jaxon.horn@illinois.gov\d0939957\0978A51-SQC-SQO.dgn

	USER NAME = Jaxon.Horn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					*	(29X,31,42,42X,42Y)RS-3	SALINE	17	4
	PLOT SCALE = 0.16666633 1/in.	CHECKED -	REVISED -					CONTRACT NO. 78A51				
	PLOT DATE = 3/21/2024	DATE -	REVISED -		SCALE:	SHEET	OF 17 SHEETS	STA.	TO STA.	ILLINOIS   FED. AID PROJECT		



SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:
				SALINE COUNTY
				ROUTE:
				US 45
				FUNDING:
				80% FEDERAL 20% STATE
				LOCATION:
				UBRAN
				ROADWAY
				0005
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	42	42
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5,301	5,301
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,767	1,767
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SO FT	613	613
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	15,748	15,748
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	80	80
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	645	645
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	105	105
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	15,748	15,748
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	80	80
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	645	645
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	104	104
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	613	613
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	222	222

\* SPECIALTY ITEM

REV. - MS

MODEL: SQQ 2 1-18-25 [Sheet]  
FILE NAME: c:\pwworking\jaxon.horn@illinois.gov\d0939957\0978A51-SpIC-SQQ.dgn

	USER NAME = Jaxon.Horn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						*	(29X,31,42,42X,42Y)RS-3	SALINE	17	5
	PLOT SCALE = 0.16666633 1/in.	CHECKED -	REVISED -						CONTRACT NO. 78A51				
	PLOT DATE = 3/21/2024	DATE -	REVISED -		SCALE:	SHEET	OF 17	SHEETS	STA.	TO STA.	ILLINOIS   FED. AID PROJECT		

SUMMARY OF QUANTITIES - CONT

COUNTY:	SALINE COUNTY
ROUTE:	US 45
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	UBRAN
TOTAL QUANTITY	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	222	222
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	6,771	6,771
* 88600100	DETECTOR LOOP, TYPE 1	FOOT	1,125	1,125
Z0034105	MATERIAL TRANSFER DEVICE	TON	4,505	4,505

\* SPECIALTY ITEM

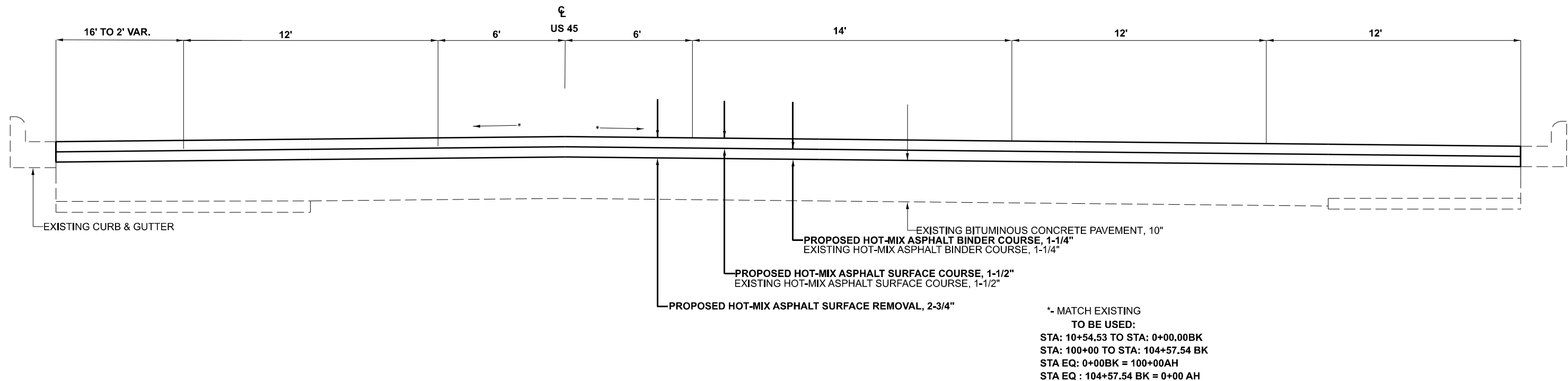
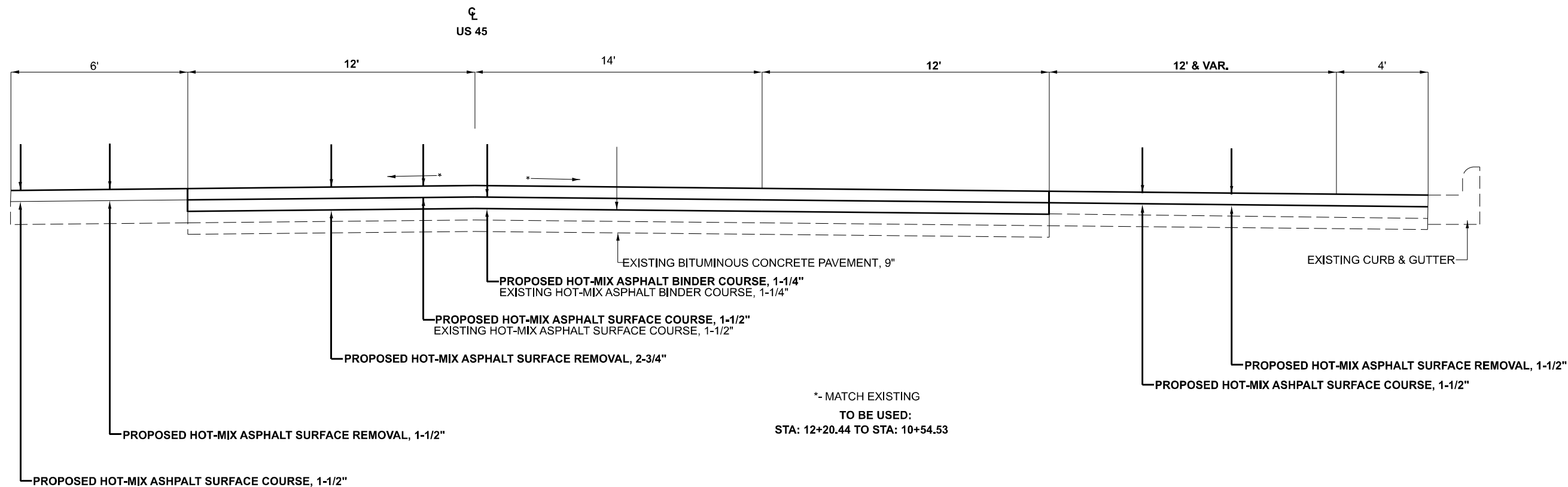
REV. - MS

MODEL: sop-3 [Sheet]  
FILE NAME: c:\p\work\p\j\jaxon.horn@illinois.gov\d0939957\D978A51-SpIC-SoQ.dgn

	USER NAME = Jaxon.Horn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					*	(29X,31,42,42X,42Y)RS-3	SALINE	17	6
		CHECKED -	REVISED -					CONTRACT NO. 78A51				
	PLOT DATE = 3/21/2024	DATE -	REVISED -		SCALE:	SHEET	OF 17 SHEETS	STA.	TO STA.	ILLINOIS   FED. AID PROJECT		

\*FAP 332/FAP 132

MODEL: TYP 1 1-18-24 [Sheet]  
FILE NAME: c:\pwworking\jaxon.horn@illinois.gov\093957\0978A51-SPID-Typicals.dgn



USER NAME = Jaxon, Horn	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 99.99980000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/20/2024	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

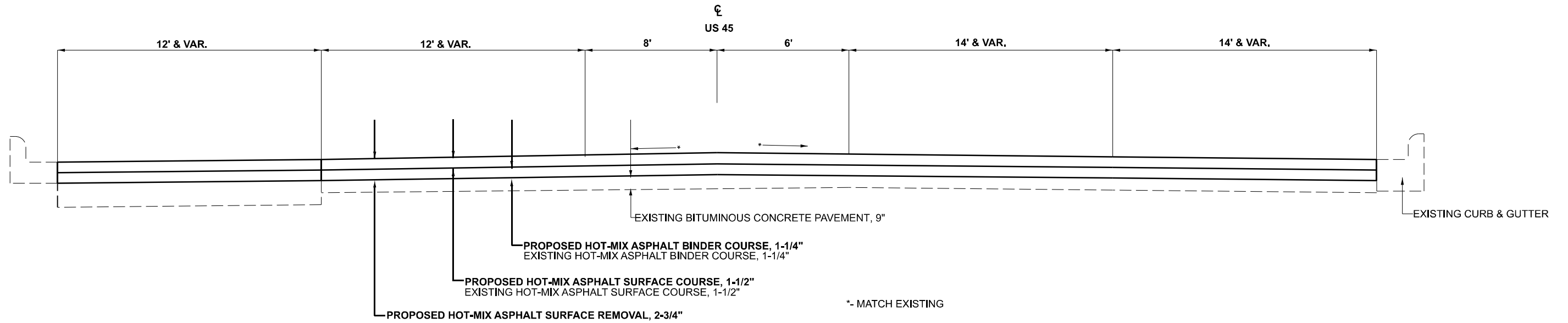
TYPICAL SECTION

SCALE: SHEET OF 17 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(29X,31,42,42X,42Y)RS-3	SALINE	17	7
CONTRACT NO. 78A51				
ILLINOIS FED. AID PROJECT				

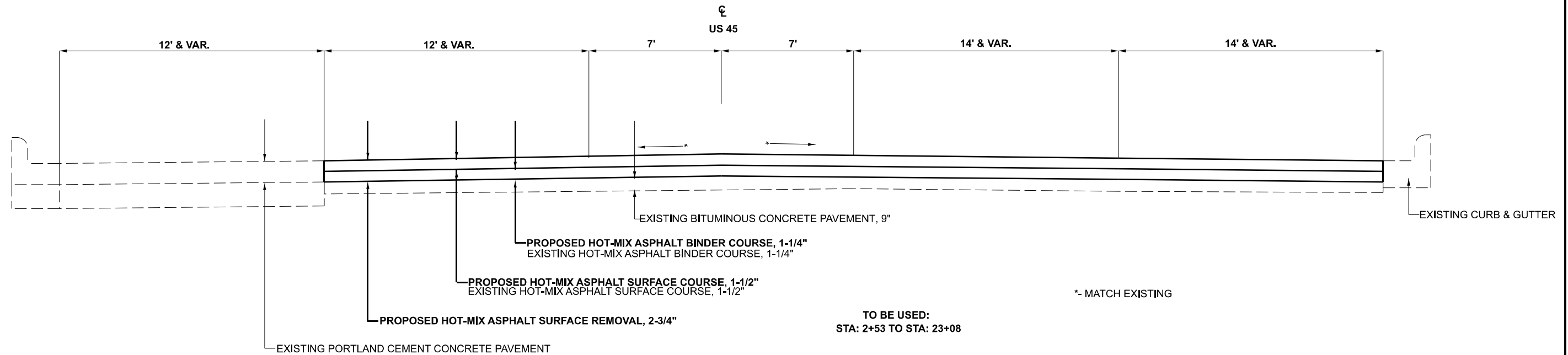
\*FAP 332/FAP 132





\*- MATCH EXISTING

TO BE USED:  
STA: 0+0.00 TO 2+53



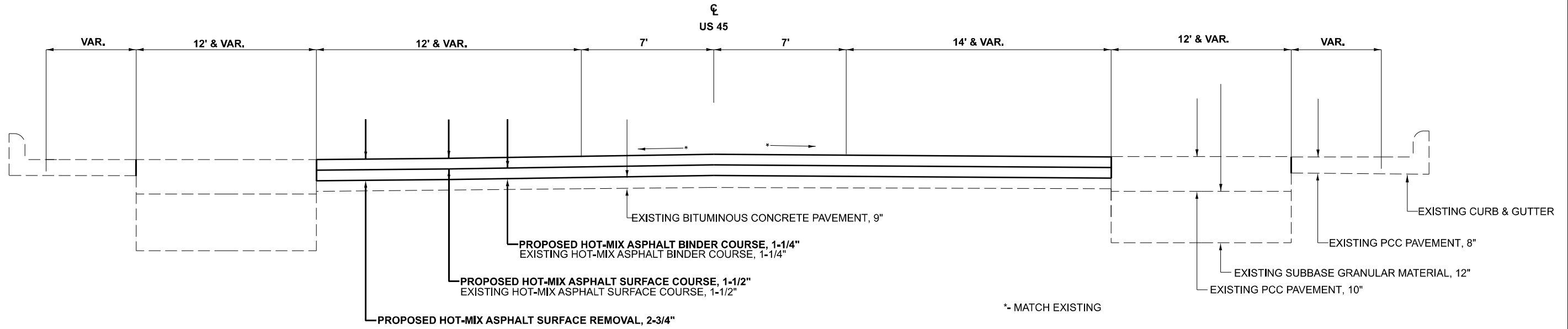
\*- MATCH EXISTING

TO BE USED:  
STA: 2+53 TO STA: 23+08

MODEL: TYP 2148-25 [Sheet]  
FILE NAME: c:\pwworking\jaxon.horn@illinois.gov\093957\0978A51-Sheet-Typicals.dgn

	USER NAME = Jaxon, Horn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION			F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666633" / in.	DRAWN -	REVISED -					*	(29X,31,42,42X,42Y)RS-3	SALINE	17	8
	PLOT DATE = 3/21/2024	CHECKED -	REVISED -		SCALE: SHEET OF 17 SHEETS STA. TO STA.			CONTRACT NO. 78A51				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

\*FAP 332/FAP 132



TO BE USED:  
STA: 23+08 TO STA: 27+57.87

MODEL: TYP 214B-24 [Sheet]  
FILE NAME: c:\pwworking\jaxon.horn@illinois.gov\0939957\0978A51-SPID-Typicals.dgn

	USER NAME = Jaxon,Horn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION			F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					*	(29X,31,42,42X,42Y)RS-3	SALINE	17	9
	PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -					CONTRACT NO. 78A51				
	PLOT DATE = 3/21/2024	DATE -	REVISED -		SCALE:	SHEET	OF 17 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

HMA PAVEMENT SCHEDULE

LOCATION STATION TO STATION					EXIST. PAVEMENT LENGTH (INFO ONLY)	EXIST. PAVEMENT WIDTH (INFO ONLY)	TEMPORARY RAMPS	HMA BINDER CSE IL-9.5FG, N70 (1 1/4")	HMA SURFACE CSE MIX D, N70 (1 1/2")	MATERIAL TRANSFER DEVICE	HMA SURFACE REMOVAL, (2-3/4")	HMA SURFACE REMOVAL, (1-1/2")	LONGITUDINAL JOINT SEALANT	BITUMINOUS MATERIALS (TACK COAT)
					FOOT	FOOT	SQ YD	TON	TON	TON	SQ YD	SQ YD	FOOT	POUND
US 45														
STA	12+20	TO	STA	10+55	166	50	51	50	78	128	701	222	498	623
STA	10+55	TO	STA	0+00	1,055	78		640	768	1,408	9,140		3,417	6,170
STA	100+00	TO	STA	104+58	458	71		251	302	553	3,585		1,832	2,420
STA	0+00	TO	STA	2+53	253	64		126	152	278	1,800		1,012	1,215
STA	2+53	TO	STA	23+08	2,055	52		832	998	1,830	11,874		8,220	8,015
STA	23+08	TO	STA	27+58	450	40	41	140	168	308	1,998		1,800	1,349
PROJECT TOTALS							92	2,039	2,466	4,505	29,098	222	16,779	19,792

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION					THERMOPLASTIC PAVEMENT MARKINGS								LETTERS AND SYMBOLS	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	COMMENTS
					LINE - 4" WHITE		LINE - 4" YELLOW		LINE- 8" WHITE	LINE- 12" WHITE	LINE- 12" YELLOW	LINE- 24" WHITE				
					SOLID	SKIP DASH	SOLID	SKIP - DASH	SOILD	SOILD	SOILD	SOILD				
					FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH	
US 45																
STA	12+20	TO	STA	10+55	596	83	662	83	80	350	85	14		8	8	
STA	10+55	TO	STA	0+00	1,055	528	2,110	528		24		30	244	53	53	
STA	100+00	TO	STA	104+58	458	229	915	229				30	78	23	23	
STA	0+00	TO	STA	2+53		127	506	127		36	150		36	13	13	
STA	2+53	TO	STA	23+08		1,028	4,110	1,028					255	103	103	
STA	23+08	TO	STA	27+58		225	900	225				30		23	23	
TOTAL					15,748				80	410	235	104	613	222	222	

TEMPORARY PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION					TEMPORARY THERMOPLASTIC PAVEMENT MARKING								LETTERS AND SYMBOLS	PAVEMENT MARKING REMOVAL GRINDING	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL
					LINE - 4" WHITE		LINE - 4" YELLOW		LINE-8" YELLOW	LINE- 12" WHITE	LINE- 12" YELLOW	LINE- 24" WHITE				
					SOLID	SKIP DASH	SOLID	SKIP - DASH	SOILD	SOILD	SOILD	SOILD				
					FOOT		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	FOOT	SQ FT
US 45																
STA	12+20	TO	STA	10+55	596	83	662	83	80	350	85	14		991	153	51
STA	10+55	TO	STA	0+00	1,055	528	2,110	528		24		30	244	1,735	1,272	424
STA	100+00	TO	STA	104+58	458	229	915	229				30	78	749	552	184
STA	0+00	TO	STA	2+53		127	506	127		36	150		36	476	312	104
STA	2+53	TO	STA	23+08		1,028	4,110	1,028					255	2,310	2,472	824
STA	23+08	TO	STA	27+58		225	900	225				30		510	540	180
TOTAL					15,748				80	410	235	104	613	6,771	5,301	1,767

MODEL: 1-1824 SCHEDULE (Sheet)  
FILE NAME: c:\pav\_work\pavtdot\jaxon.horn@illinois.gov\0939557\0978A51-SHE-Schedules.dgn

	USER NAME = jaxon.horn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT SCHEDULE PAVEMENT MARKING SCHEDULES				F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -						*	(29X,31,42,42X,42Y)RS-3	SALINE	17	10
	PLOT DATE = 4/9/2024	CHECKED -	REVISED -		SCALE:				CONTRACT NO. 78A51				
		DATE -	REVISED -		SHEET OF 17 SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				



BUSINESS ENTRANCES

LOCATION OF ENTRANCE	TEMPORARY RAMPS SQ YD
KEMPER CPA GROUP	31
HARRISBURG FAMILY MEDICINE	49
GLASS DOCTOR OF HARRISBURG	53
RABEN TIRE	185
CONOCO	44
MCDONALDS	71
DAIRY QUEEN	31
SONIC DRIVE-IN	53
JDS VIDEO GAMING	27
LONG JOHN SILVERS	36
HUCKS	93
KFC	53
FARMERS STATE BANK	44
BURGER KING	44
WENDYS	62
WOOLY WASH	62
THE MEDICINE SHOPPE	58
SHOPPING CENTER	207
O REILLY AUTO PARTS	88
BEST ONE TIRE	53
HARRISBURG NUTRITION	36
VAPE SHOP	27
JW REYNOLDS MONUMENTS	36
CVS	88
SCOOTERS COFFEE	44
SUBWAY	44
WALGREENS	66
TOTAL:	1685

TEMPORARY RAMPS

LOCATION SIDE ROAD	TEMPORARY RAMPS SQ YD
IL 145	204
Rollie Moore Dr	128
E Sloan St	418
Raymond St	87
E Oral St	57
E Cecil St	57
E Church St	123
Total:	1074

MODEL: RAMPS (Sheet)  
FILE NAME: c:\p\work\pwtol\axon.horn@illinois.gov\0939957\0978A51-SHE-Schedules.dgn

	USER NAME = jaxon.horn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDE ROAD AND ENTRANCE RAMP SCHEDULE			F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					*	(29X,31,42,42X,42Y)RS-3	SALINE	17	11
		CHECKED -	REVISED -					CONTRACT NO. 78A51				
	PLOT DATE = 4/9/2024	DATE -	REVISED -		SCALE:	SHEET	OF 17 SHEETS	STA.	TO STA.	ILLINOIS   FED. AID PROJECT		



MODEL: APL-5 (Sheet)  
FILE NAME: c:\p\work\jw\jw\jason.horn@illinois.gov\093957\0978A51 JAXMADE-Sht1.dgn



	USER NAME = Jaxon,Horn		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING DETAIL			F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -	REVISED -					*	(29X,31,42,42X,42Y)RS-3	SALINE	17	12
			CHECKED -	REVISED -					CONTRACT NO. 78A51				
	PLOT DATE = 3/20/2024		DATE -	REVISED -		SCALE:	SHEET	OF 17 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	





MODEL: APL-4 (Sheet)  
FILE NAME: c:\p\work\wkd\jaxon\_hom@illinois.gov\093957\0978A51 JAXMADE-Sht.dgn

USER NAME = Jaxon,Horn		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING DETAIL			F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					*	(29X,31,42,42X,42Y)RS-3	SALINE	17	13
		CHECKED -	REVISED -					CONTRACT NO. 78A51				
PLOT DATE = 3/21/2024		DATE -	REVISED -		SCALE:	SHEET	OF 17 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	





MODEL: AP1-3 (Sheet)  
FILE NAME: c:\p\work\jw\jason.horn@illinois.gov\093957\0978A51\JAXMADE-Sht1.dgn

	USER NAME = Jaxon, Horn	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 3/21/2024	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
---	--

PAVEMENT MARKING DETAIL			
SCALE:	SHEET	OF 17 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(29X,31,42,42X,42Y)RS-3	SALINE	17	14
CONTRACT NO. 78A51				
ILLINOIS FED. AID PROJECT				

\*FAP 332/FAP 132





MODEL: AP1-2 (Sheet)  
FILE NAME: c:\p\work\jw\id\jason.horn@illinois.gov\093957\0978A51 JAXMADE-SH1.dgn

	USER NAME = Jaxon, Horn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING DETAIL			F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					*	(29X,31,42,42X,42Y)RS-3	SALINE	17	15
		CHECKED -	REVISED -					CONTRACT NO. 78A51				
	PLOT DATE = 3/21/2024	DATE -	REVISED -		SCALE:	SHEET	OF 17 SHEETS	STA.	TO STA.	ILLINOIS   FED. AID PROJECT		



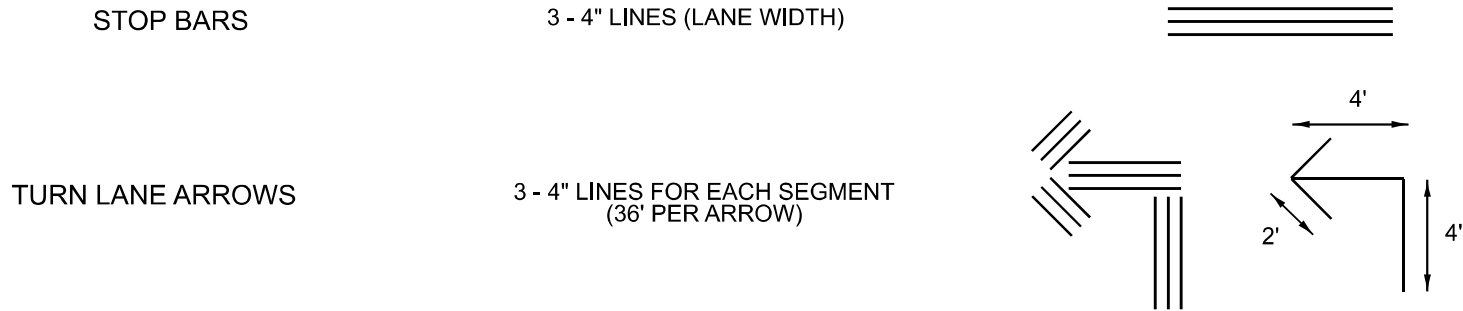


MODEL: AP1-1 (Sheet)  
FILE NAME: c:\p\work\pwk\illjason.horn@illinois.gov\093957\0978A51 JAXMADE-Sht.dgn

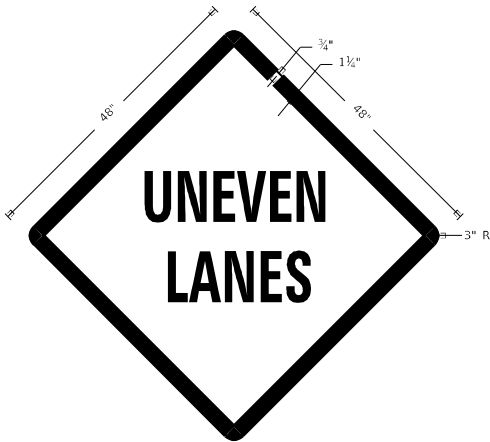
	USER NAME = Jaxon,Horn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING DETAIL				F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						*	(29X,31,42,42X,42Y)RS-3	SALINE	17	16
		CHECKED -	REVISED -						CONTRACT NO. 78A51				
	PLOT DATE = 3/21/2024	DATE -	REVISED -		SCALE:	SHEET	OF 17 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



SHORT TERM PAVEMENT MARKING DETAIL



UNEVEN LANES SIGN  
W8-11 (48" x 48")



**COLORS:**  
LEGEND AND BORDER - BLACK NON-REFLECTORIZED  
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

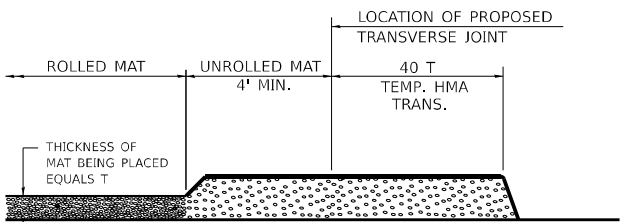
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS	
DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	7-23-04
RESIZED	5-08-08
REVIEWED	5-17-13
REVISED	10-21-21

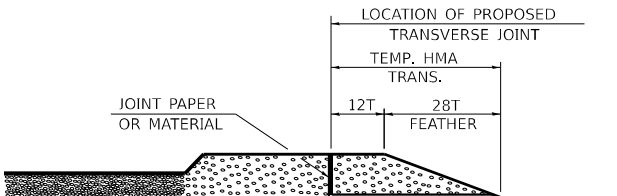
STD. 9-41

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



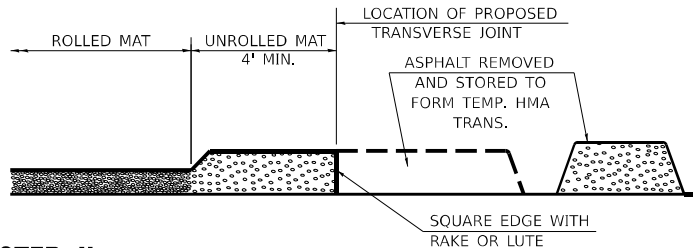
STEP I

- PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
- EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



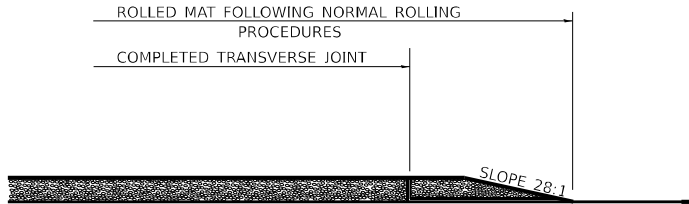
STEP III

- JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
- NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

- MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
- SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
- NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



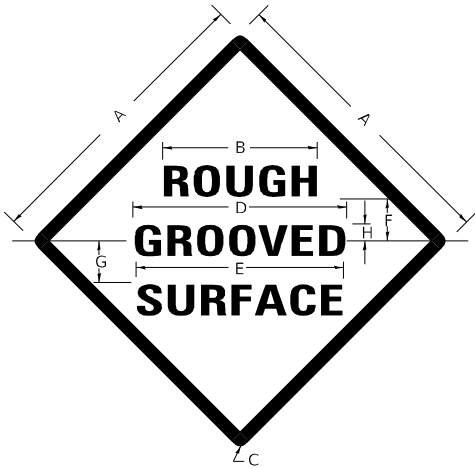
STEP IV

- COMPLETE TEMPORARY TRANSITION BY ROLLING.
- TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
- CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

STD. 9-26

REVISIONS	
REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
RESIZED	05-8-08
REVISED	05-16-13
REVISED	10-21-21

ILLINOIS STANDARD



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED  
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR- GIN	BOR- DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS	
REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVIEWED	5-17-13
REVISED	10-21-21

STD. 9-39

MODEL: 1-1824.DIG STANDARDS [Sheet]  
FILE NAME: c:\paw\work\std\laron.horn@illinois.gov\0939957\D978A51-Std\Std\Std.dgn

USER NAME = Jaxon.Horn	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 3/20/2024	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT DETAILS

SCALE: SHEET OF 17 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(29X,31,42,42X,42Y)RS-3	SALINE	17	17
CONTRACT NO. 78A51				
ILLINOIS FED. AID PROJECT				

\*FAP 332/FAP 132