

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9729	(1-LS)RS-1, PP-1	JACKSON	14	1
		ILLINOIS	CONTRACT NO. 78B22	

06-13-2025 LETTING ITEM 155

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

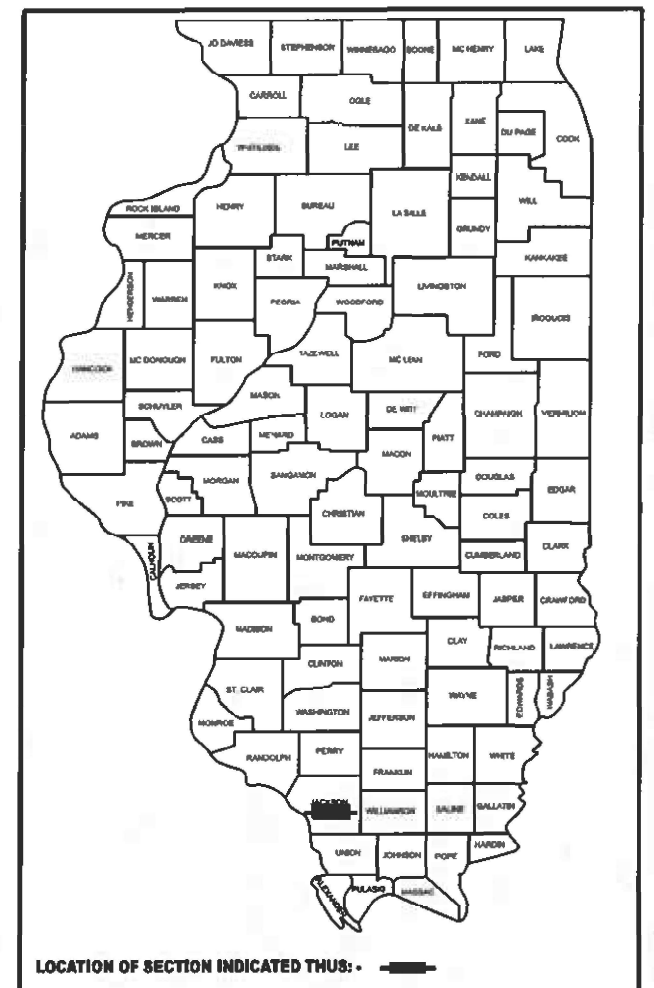
PROPOSED
HIGHWAY PLANS

FAU 9729 AIRPORT RD
SECTION (1-LS)RS-1, PP-1

RESURFACING
JACKSON COUNTY

C-99-062-25

D-99-029-25



LOCATION OF SECTION INDICATED THUS: —

FOR INDEX OF SHEETS, SEE SHEET NO. 3

TRAFFIC DATA

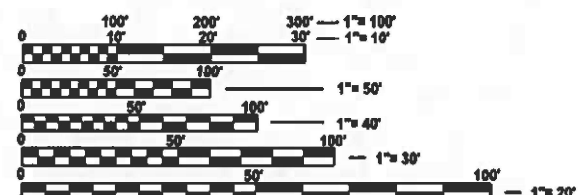
ADT: 1350
%TRUCKS: 0

TOWNSHIPS

MURPHYSBORO
CARBONDALE

COORDINATE SYSTEM : EPSG:102671
NAD 1983 STATEPLANE
ILLINOIS EAST FIPS 1201

POSTED SPEED : 55 MPH



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.

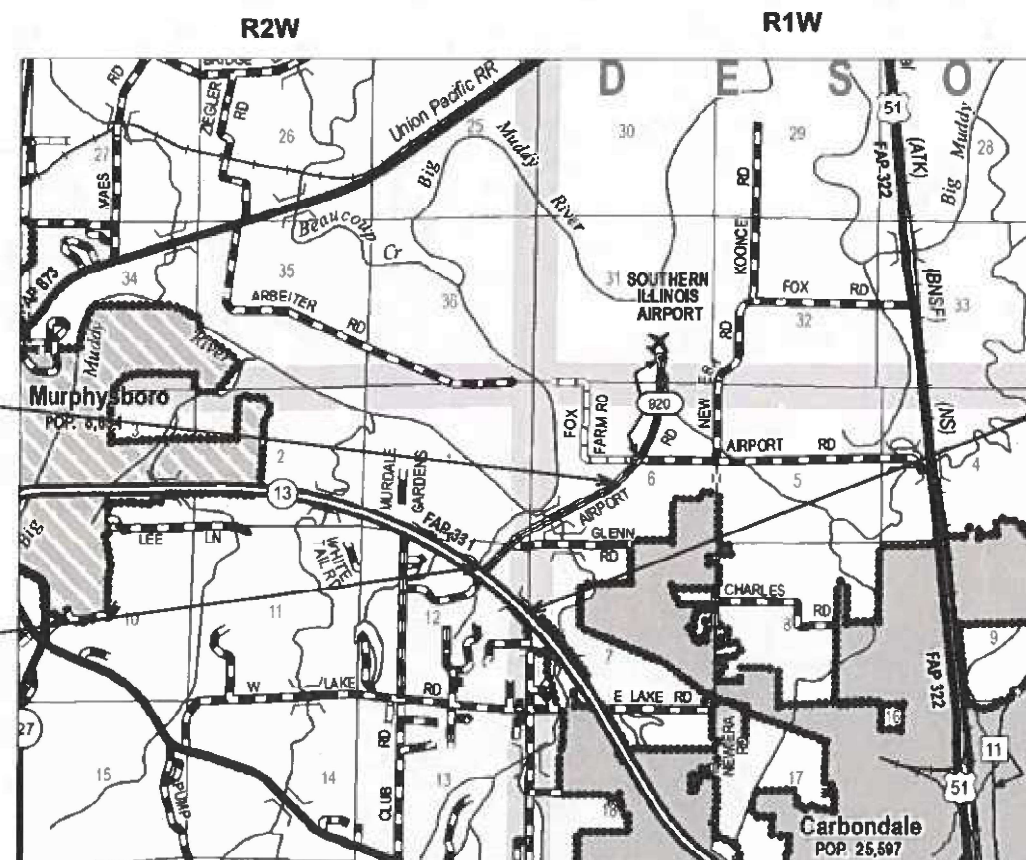
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER MARCO ANDRESEN
PROJECT MANAGER SEAN GREENLEE

CONTRACT NO. 78B22

END PROJECT
STA. 45+83

BEGIN PROJECT
STA. 0+77
(IL13 WB EOP)



GROSS LENGTH = 4506 FT. = .85 MILE
NET LENGTH = 4506 FT. = .85 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 14, 2025
Lora S. Ramsey REGIONAL ENGINEER

May 9, 2025
Sean A. Greenlee ENGINEER OF DESIGN AND ENVIRONMENT

May 9, 2025
Y. Querry DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

MODEL: Signature Sheet [Sheet]
FILE NAME: C:\new\work\project\roads\gov\marco.andresen\illinois\roads\10886SD978B22_SNA-Cover_Sig.dgn

USER NAME	marco.andresen	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	3/4/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

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

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9729	(1-L)RS-1, PP-1	JACKSON	14	2
CONTRACT NO. 78B22				
ILLINOIS FED. AID PROJECT				

Prepared By: Susan Re
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Bee
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Car M
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: RCOO
DISTRICT OPERATIONS ENGINEER

Examined By: _____
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Bennett
DISTRICT CONSTRUCTION ENGINEER

Examined By: Aam Hany
DISTRICT MATERIALS ENGINEER

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, GEN NOTES, HIGHWAY STANDARDS MTD RESTRICTIONS, AND COMMITMENTS
4	HMA MIXTURE REQUIREMENTS
5-7	SUMMARY OF QUANTITIES
8	TYPICAL SECTIONS
9-11	SCHEDULES
12-13	ENTRANCES, SIDEROADS, AND TRANSITIONS
14	DETAILS: UNEVEN LANES, ROUGH GROOVED SURFACE, AND TEMP. HMA TRANSITIONS

HIGHWAY STANDARDS

000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006 DECIMAL OF AN INCH AND OF A FOOT
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
701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS 45 MPH OR MORE
701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS 45 MPH OR MORE
701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-07 LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS 45 MPH OR MORE
701421-08 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS 45 TO 55 MPH
701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-10 TRAFFIC CONTROL DEVICES
780001-05 TYPICAL PAVEMENT MARKINGS
781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

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

2.016 TONS/CU. YD.

2.05 TONS/CU. YD.

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

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

INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE PAVED IN A SEPARATE OPERATION FROM THE MAINLINE PAVEMENT

COMMITMENTS: NONE

MTD CROSSING RESTRICTIONS

SN (ROUTE)	APPROX. STA	MAXIMUM GROSS WEIGHT RESTRICTIONS	THICKNESS OF EXISTING PAV. OVER BOX CULVERT	MTD CROSSING RESTRICTION	COMMENTS
		(TONS)	(FOOT)		
039-2008 (AIRPORT RD)	28+28	40.0	1.0	EMPTY	

REV - MS

USER NAME = marco.andresen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX, GENERAL NOTES, HIGHWAY STANDARDS, AND MTD RESTRICTIONS				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						9729	(1-L)RS-1, PP-1	JACKSON	14	3
	CHECKED -	REVISED -						CONTRACT NO. 78B22				
PLOT DATE = 3/7/2025	DATE -	REVISED -		SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				

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HMA MIXTURE REQUIREMENTS TABLES

The following HMA mixture requirements are applicable for this project

Locations	Hot-Mix Asphalt Surface Course, Incidental Hot-Mix Asphalt Surfacing.
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
AB/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyraton Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	Mix C
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QC/QA
Sublot Size:	3,000 tons
Material Transfer Device (Required?)	Yes

Locations	Hot-Mix Asphalt Shoulders
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N30
AB/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0%, 30 Gyraton Design
Mixture Composition: (Gradation Mixture)	IL-9.5L mm
Friction Aggregate:	Mix C
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QC/QA
Sublot Size:	3,000 tons
Material Transfer Device (Required?)	No

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SUMMARY OF QUANTITIES

COUNTY:	JACKSON CO
ROUTE:	FAU 9729
FUNDING:	100% STATE
LOCATION:	RURAL
	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,762	4,762
40600370	LONGITUDINAL JOINT SEALANT	FOOT	4,506	4,506
40600405	MATERIAL TRANSFER DEVICE	TON	858	858
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	155	155
40600990	TEMPORARY RAMP	SQ YD	67	67
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	858	858
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	14	14
44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	SQ YD	9,769	9,769
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	564	564
44201377	CLASS C PATCHES, TYPE II, 12 INCH	SQ YD	14	14
44201381	CLASS C PATCHES, TYPE III, 12 INCH	SQ YD	20	20
44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SQ YD	568	568
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	85	85

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	CHECKED -	REVISED -					CONTRACT NO. 78B22				
	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/12/2025				SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.		

SUMMARY OF QUANTITIES - CONTD

COUNTY:	JACKSON CO
ROUTE:	FAU 9729
FUNDING:	100% STATE
LOCATION:	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005
48203100	HOT-MIX ASPHALT SHOULDERS	TON	20	20
67100100	MOBILIZATION	L SUM	1.0	1.0
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1.0	1.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0	1.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	1.0
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1.0	1.0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0	1.0
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1874	1874
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	625	625
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	14404	14404
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	14404	14404
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	25	25

* SPECIALTY ITEM

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	CHECKED -	REVISED -					CONTRACT NO. 78B22				
PLOT DATE = 3/7/2025	DATE -	REVISED -		SCALE:	SHEET 2	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

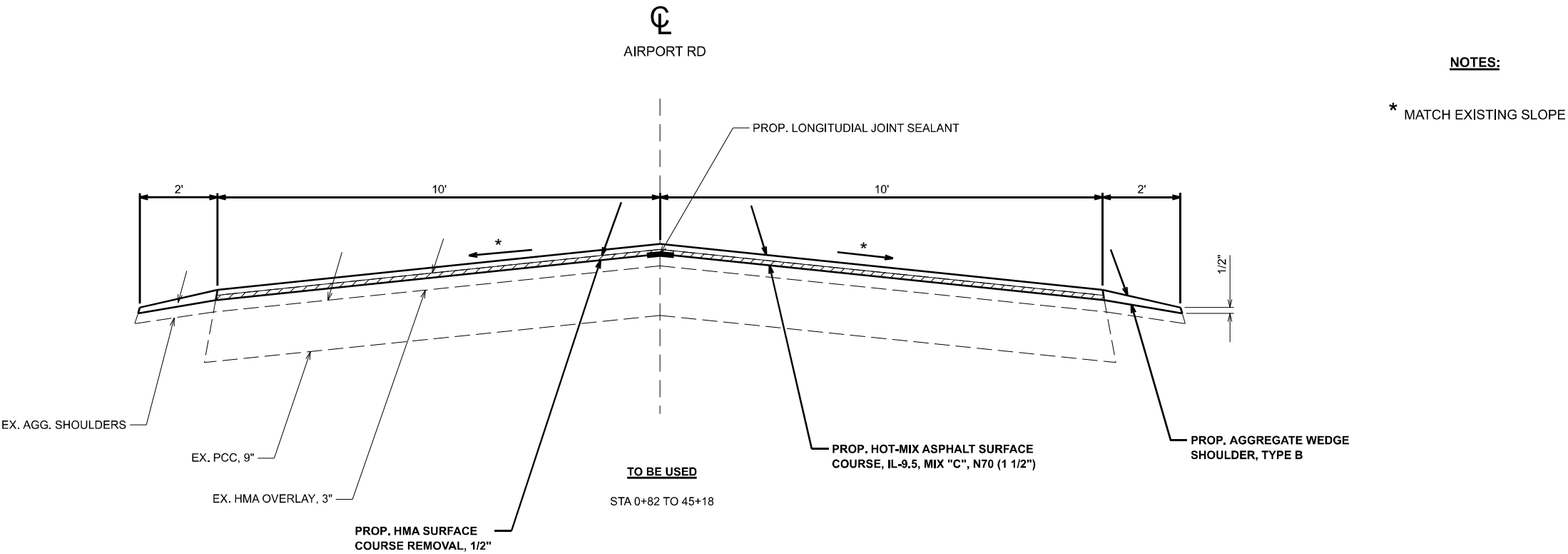
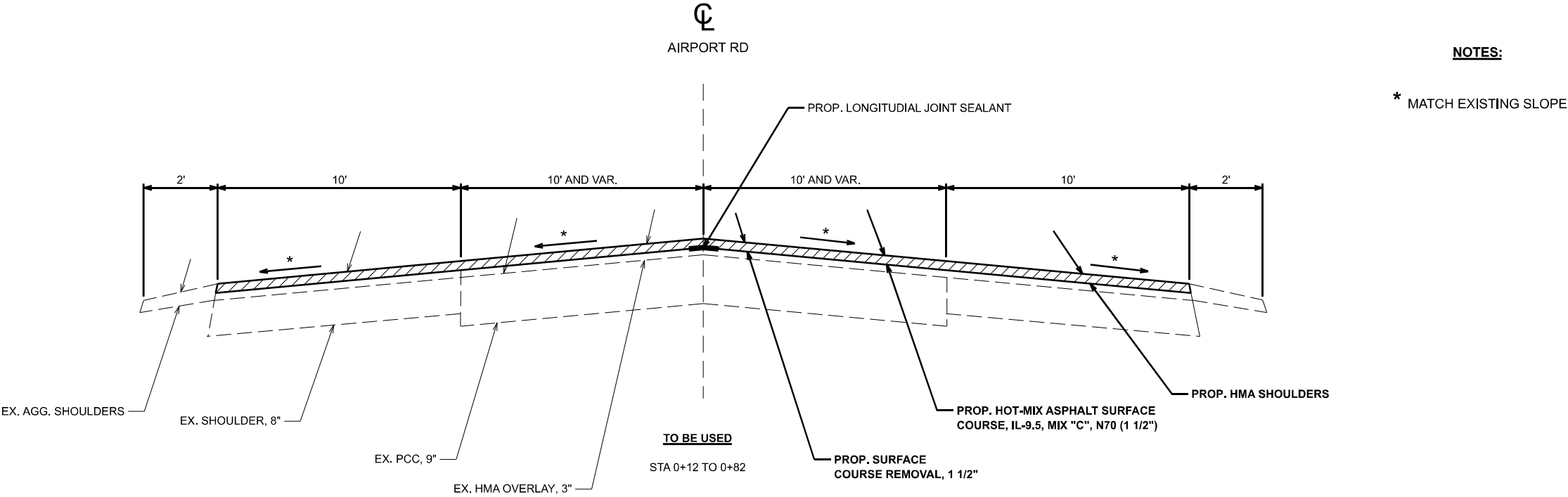
SUMMARY OF QUANTITIES - CONTD

SUMMARY OF QUANTITIES - CONTD				COUNTY:	JACKSON CO
				ROUTE:	FAU 9729
				FUNDING:	100% STATE
				LOCATION:	RURAL
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	56		56
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	4852		4852
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	44		44

* SPECIALTY ITEM

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	CHECKED -	REVISED -
PLOT DATE = 3/7/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICALS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9729	(1-LS)RS-1, PP-1	JACKSON	14	8
CONTRACT NO. 78B22				
ILLINOIS FED. AID PROJECT				

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AIRPORT RD (FAU 9729) MAINLINE RESURFACING SCHEDULE																
LOCATION STATION TO STATION					LENGTH	ROADWAY WIDTH	HMA SURFACE REMOVAL (1/2")	HMA SURFACE REMOVAL (1 1/2")	HMA SURFACE REMOVAL, VARIABLE DEPTH	HMA SURFACE REMOVAL - BUTT JOINT	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70 (1 1/2")	MATERIAL TRANSFER DEVICE	BIT. MATERIALS (TACK COAT)	LONG. JOINT SEALANT	TEMP. RAMP	COMMENTS
					FOR INFO. ONLY											
					(FT)	(FT)	SQ YD	SQ YD	SQ YD	TON	TON	TON	POUND	FOOT	SQ YD	
0+77		TO	1+47		70	VAR		342			29	29	154	70	56	
1+47		TO	1+67		20	20			44		4	4	20	20		
1+67		TO	45+63		4396	20	9769				821	821	4396	4396		
45+63		TO	45+83		20	20				44	4	4	20	20	11	
TOTALS					4506	N/A	9769	342	44	44	858	858	4590	4506	67	

AIRPORT RD (FAU 9729) (FAP 782) SHOULDER SCHEDULE														
STATION TO STATION						LENGTH	SHOULDER LT WIDTH	SHOULDER RT WIDTH	SHOULDER AREA	HMA SURFACE REMOVAL (1 1/2")	HMA SHOULDERS (1 1/2")	AGG WEDGE SHOULDER TYPE-B	BITUMINOUS MATERIALS TACK COAT	REMARKS
						(FEET)	(FEET)	(FEET)	(SQ FT)	(SQ YD)	(TON)	(TON)	(POUND)	
0+77	RT	TO	1+47	RT		100		10	1,000	111	10		50	LENGTH MEASURED AROUND RADIUS
0+77	LT	TO	1+47	LT		100	10		1,000	111	10		50	
1+47		TO	45+83			4,436	2	2	17,744			84.2		
SUB - TOTAL						4636			N/A	222	20	85	100	

	USER NAME = marco.andresen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINLINE AND SHOULDER SCHEDULES			FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					9729	(1-LS)RS-1, PP-1	JACKSON	14	9
		CHECKED -	REVISED -					CONTRACT NO. 78B22				
	PLOT DATE = 3/7/2025	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:		SHEET 1	OF 3	SHEETS	STA.	TO STA.		

AIRPORT RD (FAU 9729) PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION					LENGTH (FEET)	***EDGE LINE OMISSION (FEET)	PAINT PAVEMENT MARKING					RAISED REFLECTIVE PAVEMENT MARKER PROPOSED (EACH)	COMMENTS
							LINE 4"				LINE 24"		
							WHITE	YELLOW	YELLOW	YELLOW	WHITE		
							SOLID	SOLID	DOUBLE SOLID	SKIP-DASH	SOLID		
							(FEET)	(FEET)	(FEET)	(FEET)	(FEET)		
0+77		TO	0+98		21		120						
0+98		TO	1+47		49		98		98		25		
1+47		TO	11+37		990		1980			248		12	
11+37		TO	13+79		242		484	242		61		3	
13+79		TO	14+69		90	90	90	90		23		1	GLENN RD
14+69		TO	18+78		409		818	409		103		5	
18+78		TO	28+76		998		1996		1996			12	
28+76		TO	45+83		1707		3414	1707		427		21	
SUB - TOTALS					4506	90	9000	2448	2094	862	25	56	
TOTALS					4506	90	14404				25	56	

AIRPORT RD (FAU 9729) ENTRANCE AND SIDE ROAD SCHEDULE

LOCATION			EXISTING SURFACE MATERIAL	WIDTH AT EOP	O/S	WIDTH AT O/S TO EOP	ROADWAY AREA	HMA SURFACE REMOVAL BUTT JOINT	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIALS (TACK COAT)	COMMENTS
				FOR INFORMATIONAL PURPOSES ONLY							
APPROX . STATION	SIDE	ENTRANCE TYPE			FOOT	FOOT	SQ YD	SQ YD	TON	POUND	
3+72	RT	COMMERCIAL	PCC	45	4	40	18.9		1.6	9	BUS YARD
8+65	RT	PRIVATE	AGG	50		28					
13+25	LT	PRIVATE	AGG	92		59					
14+40	RT	SIDEROAD	HMA	90	15	43	110.8	111	9.3	50	GLENN RD
18+55	RT	PRIVATE	HMA	33.5	4	27.1	13.5		1.1	6	
21+71	LT	FIELD	AGG	15		10					
22+47	RH	FIELD	AGG	15		10					
28+28	RT	FIELD	AGG	95		75					SN-2008
39+85	LT	FIELD	AGG	20		15					
45+35	LT	PRIVATE	HMA	36	4	30	14.7		1.2	7	
TOTAL								111	14	72	

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE - 3/7/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND ENTRANCES SCHEDULES			
SCALE:	SHEET 2	OF 3	SHEETS
STA.	TO STA.		

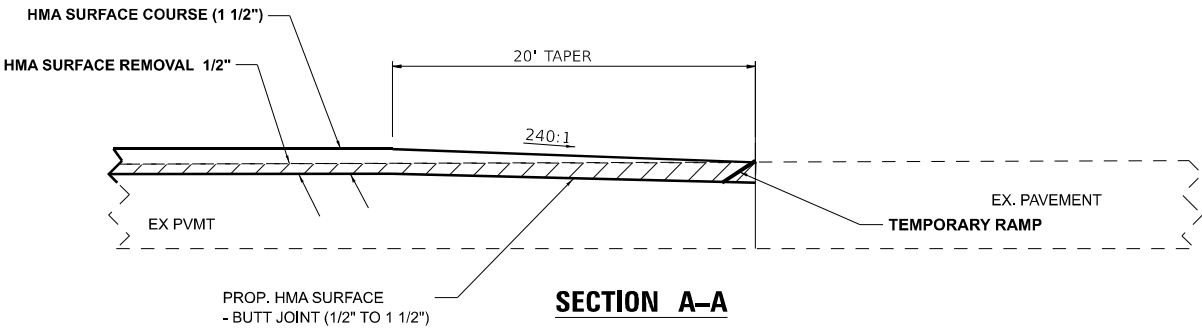
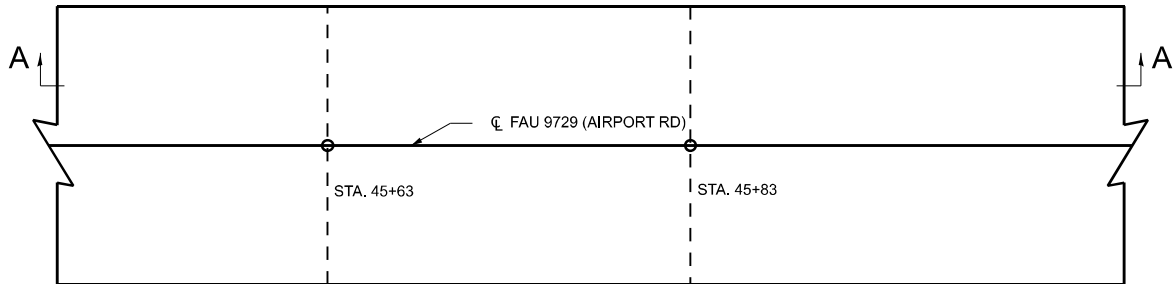
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9729	(1-LS)RS-1, PP-1	JACKSON	14	10
CONTRACT NO. 78B22				
ILLINOIS FED. AID PROJECT				

PATCHING SCHEDULE

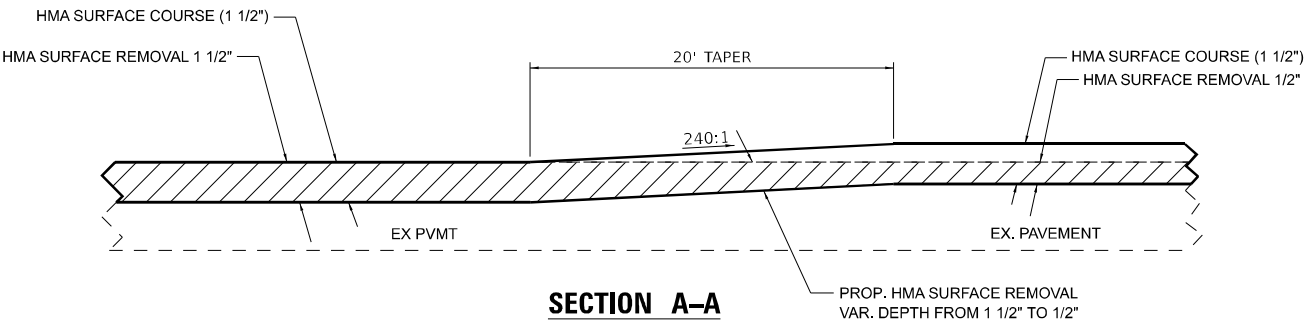
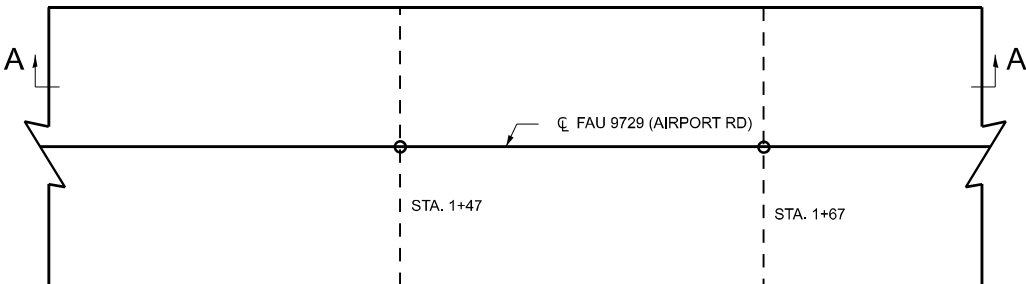
LOCATION/SECTION (AIRPORT RD)	LENGTH	WIDTH	AREA OF PATCH	CLASS C			COMMENTS
				TY II, 12"	TY III, 12"	TY IV, 12"	
	(FOOT)	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	
NORTHBOUND LANE	10	6	7	7			
	67	10	75			75	
	60	10	67			67	
	85	6	57			57	
	45	10	50			50	
	35	5	20		20		
	50	10	56			56	
	50	5	28			28	
SOUTHBOUND LANE	150	5	84			84	
	70	5	39			39	
	80	5	45			45	
	60	10	67			67	
	10	6	7	7			
TOTALS				14	20	568	

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RESURFACING TRANSITION



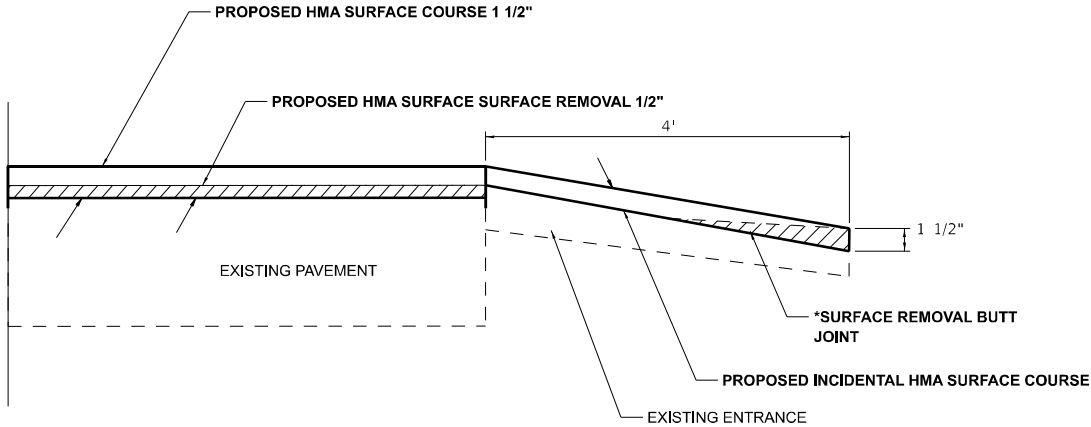
MILLING TRANSITION



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FILE NAME: c:\pw\work\pav\illinois.gov_marco.andresen\097822-SJS-DistrictStd.dgn

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		DRAWN -	REVISED -					9729	(1-LS)RS-1, PP-1	JACKSON	14	12
		CHECKED -	REVISED -					CONTRACT NO. 78B22				
	PLOT DATE = 3/7/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

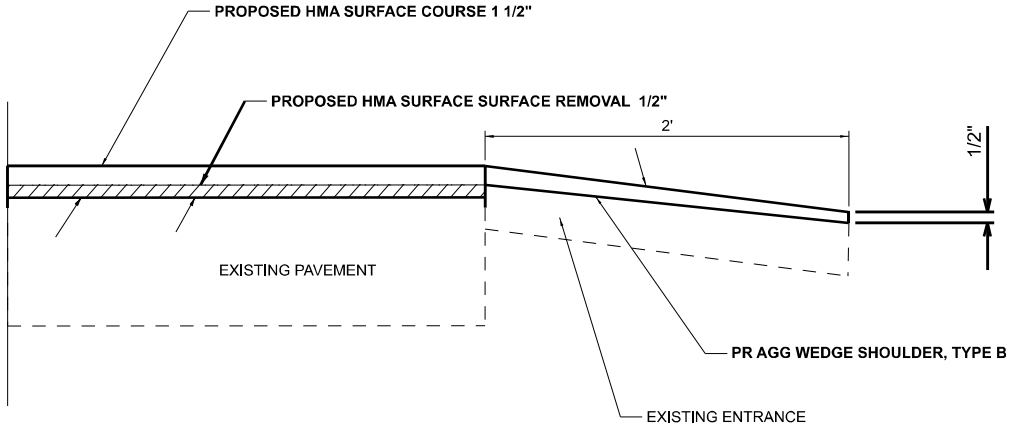
HMA OR PCC ENTRANCE



DRAWN	
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REVISED	

STD. 9-

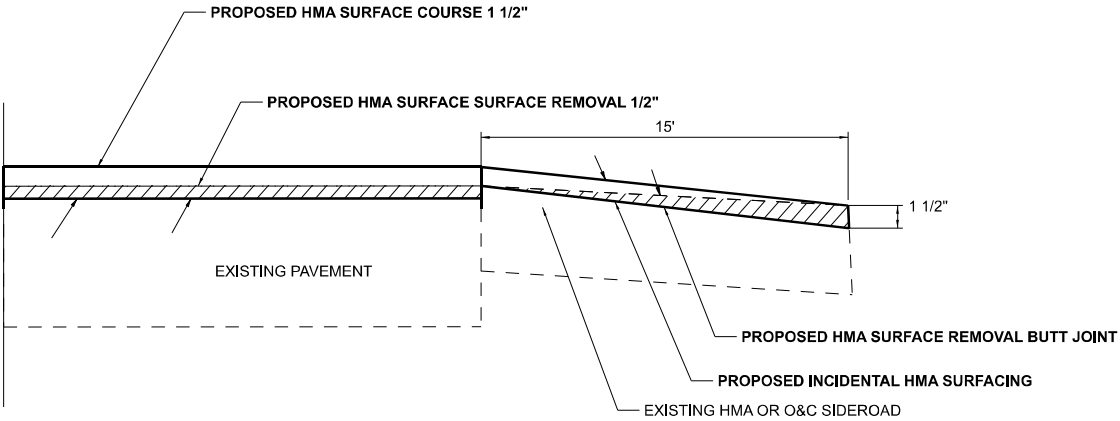
AGGREGATE ENTRANCE



DRAWN	
REVISED	
REVISED	
REVISED	

STD. 9-

HMA, PCC, OR OIL AND CHIP SIDEROADS WITH BUTT JOINT



DRAWN	
REVISED	
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REVISED	

STD. 9-

1. IF THE EXISTING SUBBASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDE ROADS SHALL BE CORED OUT AND AGGREGATE SUBBASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDEROAD AND ANY AGGREGATE BASE COURSE SHALL BE PAID FOR AS SPECIFIED IN ART. 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. IF EXISTING SUBBASE IS DETERMINED TO BE ADEQUATE, THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.09.
2. VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACING.
3. *SURFACE REMOVAL BUTT JOINT ON ENTRANCES IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACING.

MODEL: Details [Sheet]
FILE NAME: c:\paw\work\illinois.gov\marco.andresen\illinois.gov\d1069365\0978B22-SHS-DistrictStd.sdp

USER NAME	= marco.andresen	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 3/7/2025	DATE	-	REVISED	-

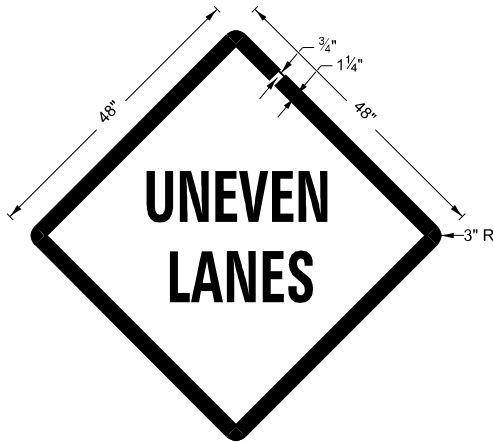
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEROAD AND ENTRANCE
DETAILS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9729	(1-LS)RS-1, PP-1	JACKSON	14	13
CONTRACT NO. 78B22				
ILLINOIS FED. AID PROJECT				

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.

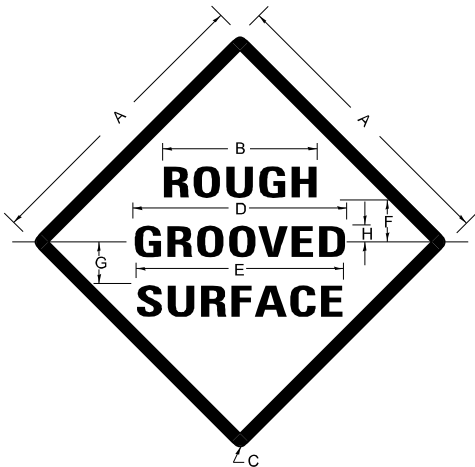
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

DRAWN	02-15-89
REVISED	05-08-08
REVISED	10-21-21
REVISED	05-27-22

STD. 9-24

ILLINOIS STANDARD
ROUGH GROOVED SURFACE SIGN



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.

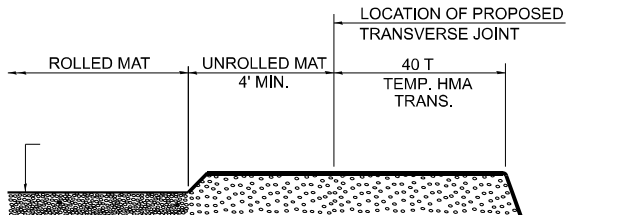
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

DRAWN	02-15-89
REVISED	03-27-08
REVISED	10-21-21
REVISED	05-27-22

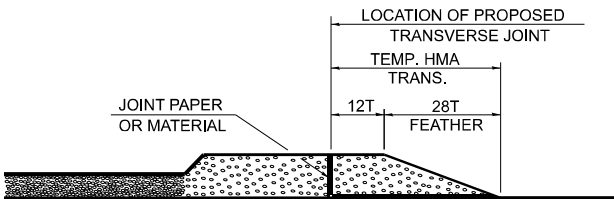
STD. 9-23

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



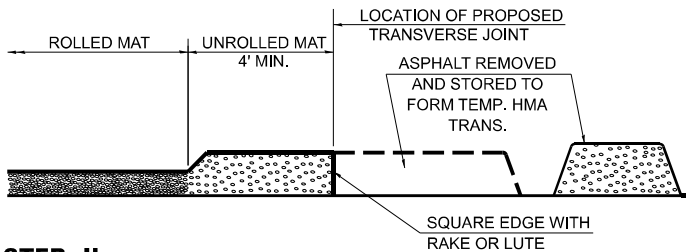
STEP I

1. 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.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



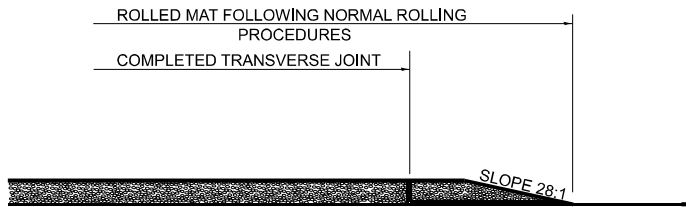
STEP III

1. 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.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

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



STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. 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).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

STD. 9-18

DRAWN	02-15-89
REVISED	01-09-07
REVISED	10-21-21
REVISED	05-26-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS: UNEVEN LANES, ROUGH GROOVED SURFACE,
AND TEMP. HMA TRANSITIONS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9729	(1-LS)RS-1, PP-1	JACKSON	14	14
CONTRACT NO. 78B22				
ILLINOIS FED. AID PROJECT				

MODEL: Details-1 [Sheet]
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