

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	8RS-4	Perry	12	1
		ILLINOIS	CONTRACT NO. 78C24	

FOR INDEX OF SHEETS, SEE SHEET NO. 3

TRAFFIC DATA

ADT (2026): 3,790 WITH 13.98% TRUCKS

TOWNSHIP

PERRY CO UNIT RD DISTRICT

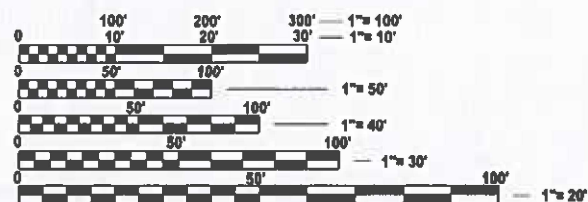
BRIDGE OMISSION

(073-0025) STA 272+11.37 TO STA 273.58.62
(073-0026) STA 281+06.91 TO STA 283+45.09

STATION EQUATION

STA 454+84.5 BK = STA 455+00 AH

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: NATHAN TAYLOR
PROJECT MANAGER: ALEXIS HALL

CONTRACT NO. 78C24

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 42 (IL 127)
SECTION 8RS-4
PROJECT NHPP-FVVI(867)
SMART RESURFACING
Perry COUNTY

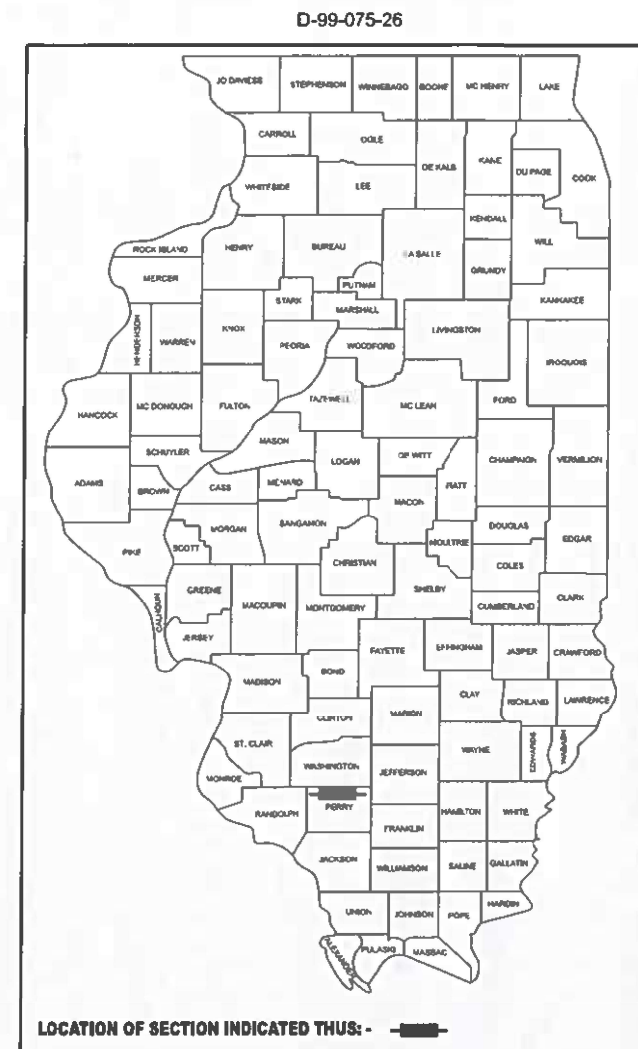
C-99-075-26

PROJECT ENDS
STA 498+65



PROJECT BEGINS
STA 190+00

GROSS LENGTH = 30,835 FT. = 5.84 MILE
NET LENGTH = 30,478 FT. = 5.77 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 9, 2026
Sara S. Renning
REGIONAL ENGINEER

May 8, 2026
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 2026
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

MODEL: SIGNATURE SHEET [Sheet]
FILE NAME: c:\pwworking\illinois.gov\alexis.ha82\illinois.gov\alexis.ha82\2014930978C24 COVER.SIG.dgn

Prepared By: *Susan Poe*
DISTRICT STUDIES & PLANS ENGINEER

Examined By: *Nancy Lee*
DISTRICT LAND ACQUISITION ENGINEER

Examined By: *Conner*
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: *R. C. [Signature]*
DISTRICT OPERATIONS ENGINEER

Examined By: _____
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: *Bonwill*
DISTRICT CONSTRUCTION ENGINEER

Examined By: *Ann Hays*
DISTRICT MATERIALS ENGINEER

USER NAME	= Alexis.Ha82	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 3/5/2026	DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	8RS-4	Perry	12	2
CONTRACT NO. 78C24				
ILLINOIS FED. AID PROJECT				

INDEX OF SHEETS

GENERAL NOTES

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, 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

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
4	HMA MIXTURE REQUIREMENTS AND MTD RESTRICTIONS
5-6	SUMMARY OF QUANTITIES
7	TYPICAL SECTION
8	HMA PAVEMENT SCHEDULE
9	PATCHING SCHEDULE
10	TEMPORARY AND PAVEMENT MARKING SCHEDULE
11	INLAY DETAIL
12	ROUGH GROOVED SURFACE, UNEVEN LANE AND TEMPORARY HOT-MIX ASPHALT TRANSITIONS

HIGHWAY STANDARDS

- 000001-09 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 420001-11 PAVEMENT JOINTS
- 442201-04 CLASS C AND D PATCHES
- 642006-01 SHOULDER RUMBLE STRIPS, 8_
- 642011 SINUSOIDAL RUMBLE STRIPS, 14_
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15 FT (4.5M) AWAY
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15 FT (4.5M) TO 24_ (600MM) FROM PAVEMENT EDGE
- 701011-04 OFF-ROAD OPERATIONS, 2L, 2W, DAY ONLY
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS, DAY ONLY
- 701336-07 LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
- 701901-11 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS

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USER NAME = Alexis.Hall2	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX SHEET, HIGHWAY STANDARDS & LIST OF COMMITMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -			42	8RS-4	Perry	12	3
	CHECKED -	REVISED -			CONTRACT NO. 78C24				
PLOT DATE = 3/5/2026	DATE -	REVISED -			SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

HMA MIXTURE REQUIREMENTS TABLES

The following HMA mixture requirements are applicable for this project

Locations	Hot-Mix Asphalt Surface Course
Mixture Use(s):	HOT-MIX ASPHALT SURFACE COURSE, Mix C, N70
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	Mix C
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	1,000 TONS
Material Transfer Device (Required?)	Yes

Locations	Hot-Mix Asphalt Shoulders and Incidental Hot-Mix Asphalt Surfacing
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N30
AB/PG:	PG64-22
Design Air Voids:	4.0 %, 30 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5L
Friction Aggregate:	NONE
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QC/QA
Sublot Size:	3,000 TONS
Material Transfer Device (Required?)	No

MTD CROSSING RESTRICTIONS TABLE

STRUCTURE NUMBER	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MAXIMUM GROSS WEIGHT RESTRICTIONS	MTD CROSSING RESTRICTIONS
	FOOT	FOOT	TONS	
IL 127 0.3 MI. N OF DEER RUN RD PROCEEDING NORTH TO WASHINGTON CO LINE				
073-0025	N/A	N/A	40	Emptied *
073-0026	N/A	N/A	40	Emptied *
073-2001	N/A	N/A	40	Emptied *
073-7031	N/A	N/A	40	Emptied *
073-7032	N/A	N/A	40	Emptied *
073-7033	N/A	N/A	40	Emptied *
073-7034	N/A	N/A	40	Emptied *
073-7035	N/A	N/A	40	Emptied *
073-7082	N/A	N/A	40	Emptied *
073-7083	N/A	N/A	40	Emptied *
073-7084	N/A	N/A	40	Emptied *

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HMA MIXTURE & MTD RESTRICTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	8RS-4	Perry	12	4
CONTRACT NO. 78C24				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

COUNTY:	PERRY
ROUTE:	FAP 42
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	67,024	67,024
40600370	LONGITUDINAL JOINT SEALANT	FOOT	91,392	91,392
40600405	MATERIAL TRANSFER DEVICE	TON	6,861	6,861
40600990	TEMPORARY RAMP	SQ YD	69	69
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	6,861	6,861
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	148,935	148,935
44201435	CLASS C PATCHES, TYPE I, 17 INCH	SQ YD	9	9
44201437	CLASS C PATCHES, TYPE II, 17 INCH	SQ YD	475	475
44201439	CLASS C PATCHES, TYPE III, 17 INCH	SQ YD	18	18
48203100	HOT-MIX ASPHALT SHOULDERS	TON	5,688	5,688
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	60,606	60,606
64200214	SINUSOIDAL RUMBLE STRIPS, 14"	FOOT	30,303	30,303
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	2

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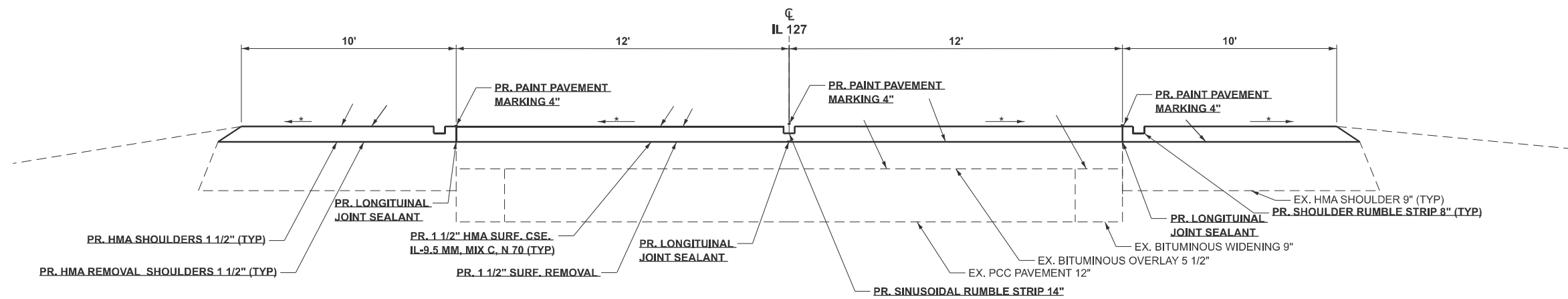
SUMMARY OF QUANTITIES - CONT

COUNTY:	PERRY
ROUTE:	FAP 42
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005
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
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5,517	5,517
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,847	1,847
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	77,289	77,289
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	77,289	77,289
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	386	386
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	386	386
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	25,767	25,767

* SPECIALTY ITEM

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STATION EQUATION

STA 454+84.5 BK = STA 455+00 AH

TO BE USED

STA 190+00 TO STA 272+11.37
 STA 273+58.62 TO STA 281+06.91
 STA 283+45.09 TO STA 454+84.5 BK
 STA 455+00 AH TO STA 498+65

BRIDGE OMISSION

STA 272+11.37 TO STA 273+58.62 (073-0025)
 STA 281+06.91 TO STA 283+45.09 (073-0026)

* MATCH EX. SLOPE
 NOT TO SCALE

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PLOT DATE = 3/5/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	8RS-4	Perry	12	7
CONTRACT NO. 78C24				
ILLINOIS FED. AID PROJECT				

HMA PAVEMENT SCHEDULE

LT/RT	STATION TO STATION		LENGTH	ROADWAY WIDTH	HMA SURFACE REM., (1 1/2")	HMA SURF., CSE., IL-9.5 MM MIX C, N 70	TEMPORARY RAMP	LONGITUDINAL JOINT SEALANT	BITUMINOUS MATERIAL (TACK COAT)	MATERIAL TRANSFER DEVICE	REMARKS		
												INFORMATION	
												(FT)	(FT)
IL 127 0.3 MI. N OF DEER RUN RD PROCEEDING NORTH TO WASHINGTON CO LINE													
LT/RT	190+00	TO 272+11.37	8211	24	21897	1849	27	24635	9854	1849			
LT/RT	272+11.37	TO 273+58.62	147					OMISSION SN (073-0025)					
LT/RT	273+58.62	TO 281+06.91	747	24	1994	169	14	2243	897	169			
LT/RT	281+06.91	TO 283+45.09	238					OMISSION SN (073-0026)					
LT/RT	283+45.09	TO 454+84.5	17139	24	45706	3860	14	51419	20568	3860			
	454+84.5 BK	= 455+00 AH	16					STATION EQUATION					
LT/RT	455+00	TO 498+65	4365	24	11640	983	14	13095	5239	983			
TOTALS:					81237	6861	69	91392	36558	6861			

SHOULDER SCHEDULE

LOCATION	STATION TO STATION		PAVEMENT LENGTH	HMA SHOULDER WIDTH	HMA SURF., REMOVAL (1 1/2")	HMA SHOULDERS	BITUMINOUS MATERIAL (TACK COAT)	NOTES		
									INFORMATION ONLY	
									(FT)	(FT)
IL 127 0.3 MI. N OF DEER RUN RD PROCEEDING NORTH TO WASHINGTON CO LINE										
LT/RT	190+00	TO 272+11.37	8211	10	18248	1533	8212			
LT/RT	272+11.37	TO 273+58.62	147			OMISSION SN (073-0025)				
LT/RT	273+58.62	TO 281+06.91	747	10	1662	140	748			
LT/RT	281+06.91	TO 283+45.09	238			OMISSION SN (073-0026)				
LT/RT	283+45.09	TO 454+84.5	17139	10	38088	3200	17140			
LT/RT	454+84.5 BK	= 455+00 AH	16			STATION EQUATION				
LT/RT	455+00	TO 498+65	4365	10	9700	815	4366			
TOTALS:					67698	5688	30466			

MODEL: HMA PAVEMENT SCHEDULE (Sheet)
FILE NAME: c:\pav_wor\work\illinois.gov\alexis.hall2\illinois.gov\alexis.hall2\1201493\0978C24_SCHEDULES.dgn

USER NAME = Alexis.Hall2	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA PAVEMENT AND SHOULDER SCHEDULE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	DRAWN -	REVISED -		SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.	42	8RS-4	Perry	12	8
	CHECKED -	REVISED -		CONTRACT NO. 78C24										
PLOT DATE = 3/5/2026	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

NORTHBOUND PAVEMENT PATCHING							
PATCH NUMBER	DISTANCE FROM THE START OF PROJECT	LENGTH	WIDTH	AREA	CLASS C PATCHES, TYPE I, 17 INCHES	CLASS C PATCHES, TYPE II, 17 INCHES	NOTES
	(MILES)						
IL 127 0.3 MI. N OF DEER RUN RD PROCEEDING NORTH TO WASHINGTON CO LINE							
1	0	6	12	8.00		8	
2	0.2	6	12	8.00		8	
3	0.5	4	12	5.33		5	
4	0.8	3	12	4.00	4		
5	1	6	12	8.00		8	
6	1.4	4	12	5.33		5	
7	1.5	4	12	5.33		5	
8	1.6	6	12	8.00		8	
9		4	12	5.33		5	
10		4	12	5.33		5	
11	1.9	4	12	5.33		5	
12	2.0	6	12	8.00		8	
13		6	12	8.00		8	
14	2.1	6	12	8.00		8	
15		6	12	8.00		8	
16	2.2	4	12	5.33		5	
17	2.3	6	12	8.00		8	
18	2.4	4	12	5.33		5	
19		4	12	5.33		5	
20	2.5	4	12	5.33		5	
21		6	12	8.00		8	
22	2.6	6	12	8.00		8	
23		6	12	8.00		8	
24		6	12	8.00		8	
25	2.7	6	12	8.00		8	
26		4	12	5.33		5	
27	2.9	6	12	8.00		8	
28	3.9	6	12	8.00		8	
29	4.2	10	12	13.33		13	
30	4.8	6	12	8.00		8	
31	4.9	5	12	6.67		7	
32	5.7	4	12	5.33		5	
33		4	12	5.33		5	
SUBTOTALS:					4	225	

SOUTHBOUND PAVEMENT PATCHING								
PATCH NUMBER	DISTANCE FROM THE START OF PROJECT	LENGTH	WIDTH	AREA	CLASS C PATCHES, TYPE I, 17 INCHES	CLASS C PATCHES, TYPE II, 17 INCHES	CLASS C PATCHES, TYPE III, 17 INCHES	NOTES
	(MILES)							
IL 127 0.3 MI. N OF DEER RUN RD PROCEEDING NORTH TO WASHINGTON CO LINE								
1	0.2	4	12	5.33		5		
2	0.5	4	12	5.33		5		
3	0.8	4	12	5.33		5		
4	1.3	8	12	10.67		11		
5	1.4	4	12	5.33		5		
6	1.5	4	12	5.33		5		
7		4	12	5.33		5		
8	1.6	4	12	5.33		5		
9	2	6	12	8.00		8		
10		6	12	8.00		8		
11	2.1	7	12	9.33		9		
12		6	12	8.00		8		
13	2.2	4	12	5.33		5		
14	2.3	5	12	6.67		7		
15		6	12	8.00		8		
16	2.4	4	12	5.33		5		
17		4	12	5.33		5		
18	2.5	3	12	4.00	4			
19		6	12	8.00		8		
20	2.6	6	12	8.00		8		
21		6	12	8.00		8		
22		6	12	8.00		8		
23		6	12	8.00		8		
24	2.8	6	12	8.00		8		
25	2.9	6	12	8.00		8		
26	3.9	6	12	8.00		8		
27	4.2	12	12	16.00			16	
28	4.8	6	12	8.00		8		
29	4.9	5	12	6.67		7		
30	5	4	12	5.33		5		
31	5.1	4	12	5.33		5		
32		4	12	5.33		5		
SUBTOTALS:					4	207	16	

PAVEMENT PATCHING TOTALS			
LOCATION	CLASS C PATCHES TYPE I, 17 INCHES	CLASS C PATCHES TYPE II, 17 INCHES	CLASS C PATCHES TYPE III, 17 INCHES
	(SQ YD)	(SQ YD)	(SQ YD)
NORHTBOUND	4	225	0
SOUTHBOUND	4	207	16
TOTALS:	8	432	16
GROWTH FACTOR 10%	1	43	2
TOTAL WITH GROWTH	9	475	18

MODEL: PATCHING SCHEDULE (Sheet) FILE NAME: c:\p\work\wv\illinois.gov\alexis.hall\201493\0978C24_SCHEDULES.dgn

USER NAME = Alexis.Hall2	DESIGNED -	REVISED -
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PLOT DATE = 3/5/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	8RS-4	Perry	12	9
CONTRACT NO. 78C24				
ILLINOIS FED. AID PROJECT				

TEMPORARY PAVEMENT MARKINGS SCHEDULE

STATION	TO	STATION	TEMPORARY PAVEMENT MAKING				TEMPORARY PAVEMENT MARKING REMOVAL (GRINDING)	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	REMARKS
			LENGTH	LINE 4"						
				YELLOW		WHITE				
				SOLID	SKIP DASH	SOLID				
(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(FOOT)	(SQ FT)				
IL 127 0.3 MI. N OF DEER RUN RD PROCEEDING NORTH TO WASHINGTON CO LINE										
190+00	TO	191+58.4	158		40	316	119	29	10	PASSING
191+58.4	TO	197+92	634	634	159	1268	687	116	39	NP SB
197+92	TO	228+12.16	3020		755	6040	2265	550	184	PASSING
228+12.16	TO	239+57.92	1146	1146	287	2292	1242	209	70	NP NB
239+57.92	TO	254+94.4	1462	2924		2924	1950	266	89	NPZ
254+94.4	TO	262+33.6	739	739	185	1478	801	135	45	NP SB
262+33.6	TO	272+11.37	978		245	1956	734	178	60	PASSING
272+11.37	TO	273+58.62								
273+58.62	TO	281+06.91	748		187	1496	561	136	46	PASSING
281+06.91	TO	283+45.09								
283+45.09	TO	344+65.12	6060		1515	12120	4545	1102	368	PASSING
344+65.12	TO	349+93.12	523	523	131	1046	567	96	32	NP NB
349+93.12	TO	353+09.90	317		80	634	238	58	20	PASSING
353+09.90	TO	360+43.84	834	834	209	1668	904	152	51	NP SB
360+43.84	TO	365+77.12	533		134	1066	400	97	33	PASSING
365+77.12	TO	377+38.72	1162	1162	291	2324	1259	212	71	NP NB
377+38.72	TO	380+55.52	317	634		634	423	58	20	NPZ
380+55.52	TO	390+05.92	950	950	238	1900	1030	173	58	NP SB
390+05.92	TO	454+84.5	6356		1589	12712	4767	1156	386	PASSING
454+84.5 BK	=	455+00 AH								
455+00	TO	498+65.8	4366		1092	8732	3275	794	265	PASSING
SUBTOTALS:				9546	7137	60606	25767	5517	1847	
TOTALS:					77289		25767	5517	1847	

PAVEMENT MARKING SCHEDULE

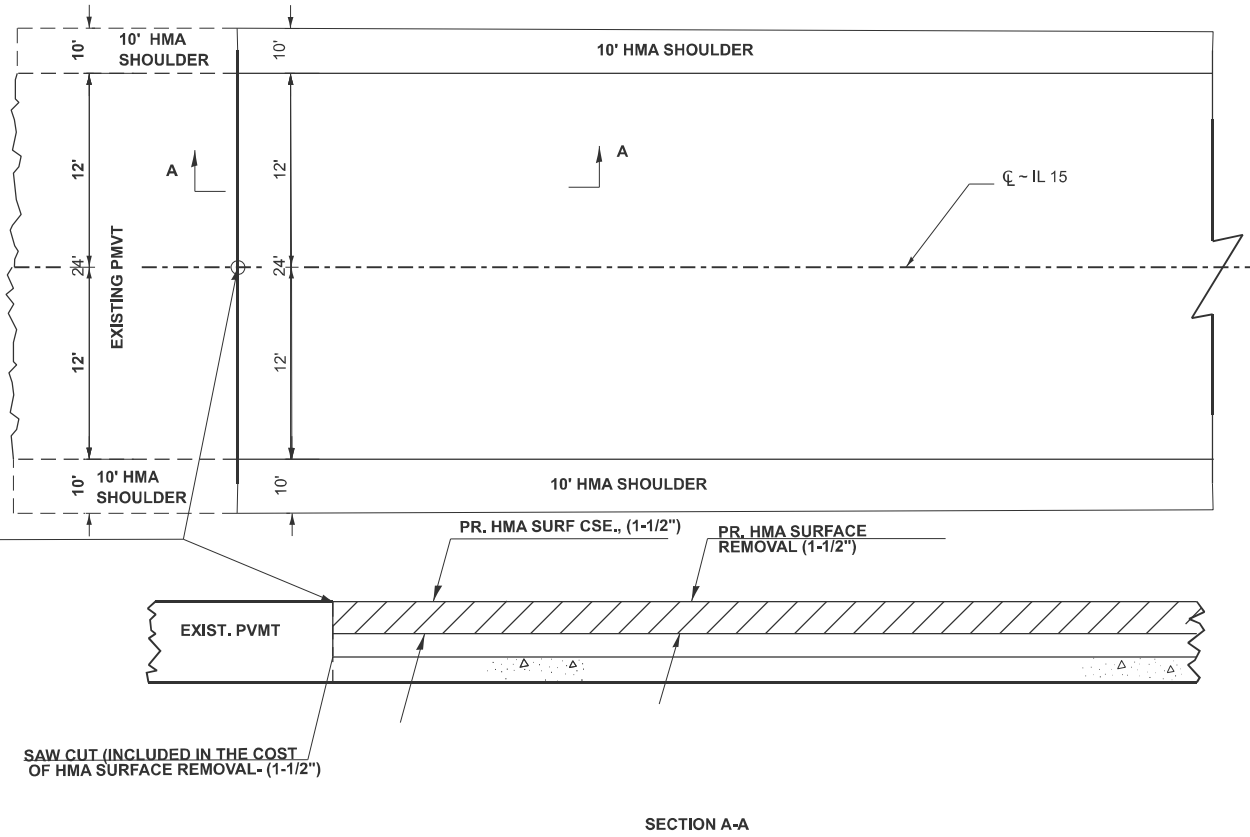
STATION	TO	STATION	LENGTH	PAINT PAVEMENT MARKING			RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	SHOULDER RUMBLE STRIP 8"	SINUSOIDAL RUMBLE STRIP 14"	REMARKS
				LINE 4"							
				YELLOW		WHITE					
				SOLID	SKIP DASH	SOILD					
(FOOT)	(FOOT)	(FOOT)	(FOOT)	EACH	EACH	(FT)	(FT)				
IL 127 0.3 MI. N OF DEER RUN RD PROCEEDING NORTH TO WASHINGTON CO LINE											
190+00	TO	191+58.4	158		40	316	2	2	316	158	PASSING
191+58.4	TO	197+92	634	634	159	1268	8	8	1268	634	NP SB
197+92	TO	228+12.16	3020		755	6040	38	38	6040	3020	PASSING
228+12.16	TO	239+57.92	1146	1146	287	2292	15	15	2292	1146	NP NB
239+57.92	TO	254+94.4	1462	2924		2924	19	19	2924	1462	NPZ
254+94.4	TO	262+33.6	739	739	185	1478	10	10	1478	739	NP SB
262+33.6	TO	272+11.37	978		245	1956	13	13	1956	978	PASSING
272+11.37	TO	273+58.62									
273+58.62	TO	281+06.91	748		187	1496	10	10	1496	748	PASSING
281+06.91	TO	283+45.09									
283+45.09	TO	344+65.12	6060		1515	12120	76	76	12120	6060	PASSING
344+65.12	TO	349+93.12	523	523	131	1046	7	7	1046	523	NP NB
349+93.12	TO	353+09.90	317		80	634	4	4	634	317	PASSING
353+09.90	TO	360+43.84	834	834	209	1668	11	11	1668	834	NP SB
360+43.84	TO	365+77.12	533		134	1066	7	7	1066	533	PASSING
365+77.12	TO	377+38.72	1162	1162	291	2324	15	15	2324	1162	NP NB
377+38.72	TO	380+55.52	317	634		634	4	4	634	317	NPZ
380+55.52	TO	390+05.92	950	950	238	1900	12	12	1900	950	NP SB
390+05.92	TO	454+84.5	6356		1589	12712	80	80	12712	6356	PASSING
454+84.5 BK	=	455+00 AH									
455+00	TO	498+65.8	4366		1092	8732	55	55	8732	4366	PASSING
SUBTOTALS:			9546	7137	60606	386	386	60606	30303		
TOTALS:				77289		386	386	60606	30303		

MODEL: PAVEMENT MARKING SCHEDULE (Sheet)
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INLAY DETAIL

STATION NUMBERS

STA 190+00
 STA 272+11.37
 STA 273+58.62
 STA 281+06.91
 STA 283+45.09
 STA 498+65



MODEL: INLAY DETAIL (Sheet)
 FILE NAME: c:\p\work\pvt\illinois.gov\alexis.hall\201483\0978C24_DISTRICT\STDS.dgn

USER NAME = Alexis.Hall2	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -

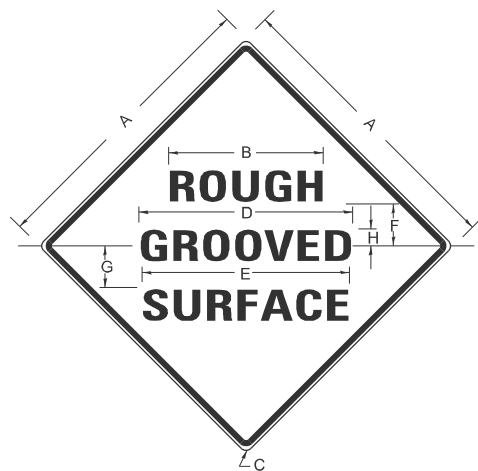
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INLAY DETAIL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	8RS-4	Perry	12	11
CONTRACT NO. 78C24				
ILLINOIS FED. AID PROJECT				

**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.

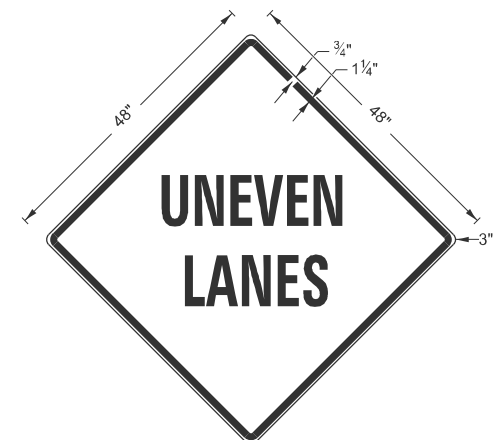
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

**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.

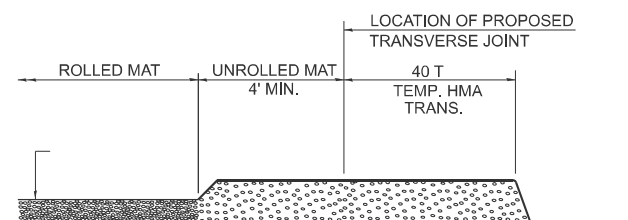
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

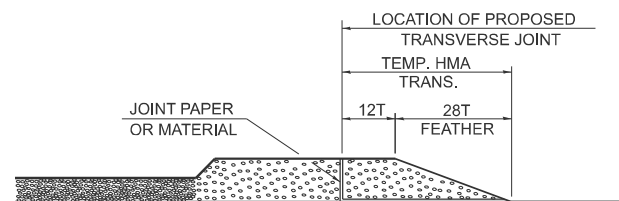
STD. 9-24

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



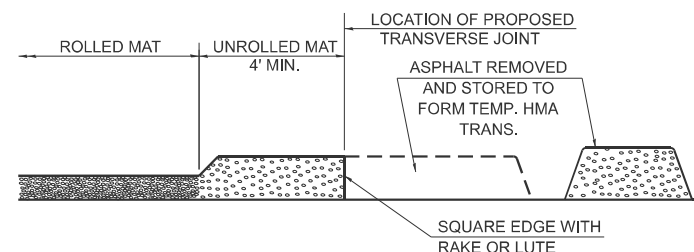
STEP I

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.



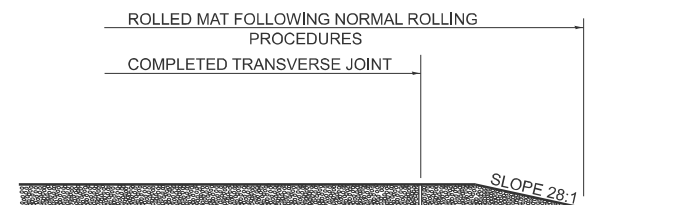
STEP III

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.

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

STD. 9-18

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUGH GROOVED SURFACE, UNEVEN LANE, &
TEMPORARY HOT-MIX ASPHALT TRANSITIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	8RS-4	Perry	12	12
CONTRACT NO. 78C24				
ILLINOIS FED. AID PROJECT				

MODEL: ROUGH GROOVED SURFACE (Sheet)
FILE NAME: c:\p\work\w811\illinois.gov\1201493\0978C24_DISTRICT\STD.S.dgn

USER NAME = Alexis.Hall2	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -