

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14	(134,135)RS-3	ALEXANDER	15	1
ILLINOIS CONTRACT NO. 78B07				

D-99-013-25

FOR INDEX OF SHEETS, SEE SHEET NO. 3

TRAFFIC DATA

ADT (2025) 3,260 WITH 15.6% TRUCKS

TOWNSHIPS

THEBES

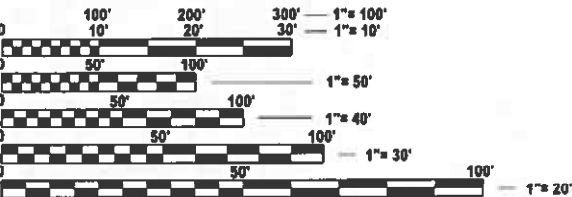
STATION EQUATION

STA 907+27.39 BK= STA 907+23.13 AH

DESIGN DESIGNATION : N/A

COORDINATE SYSTEM : N/A

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

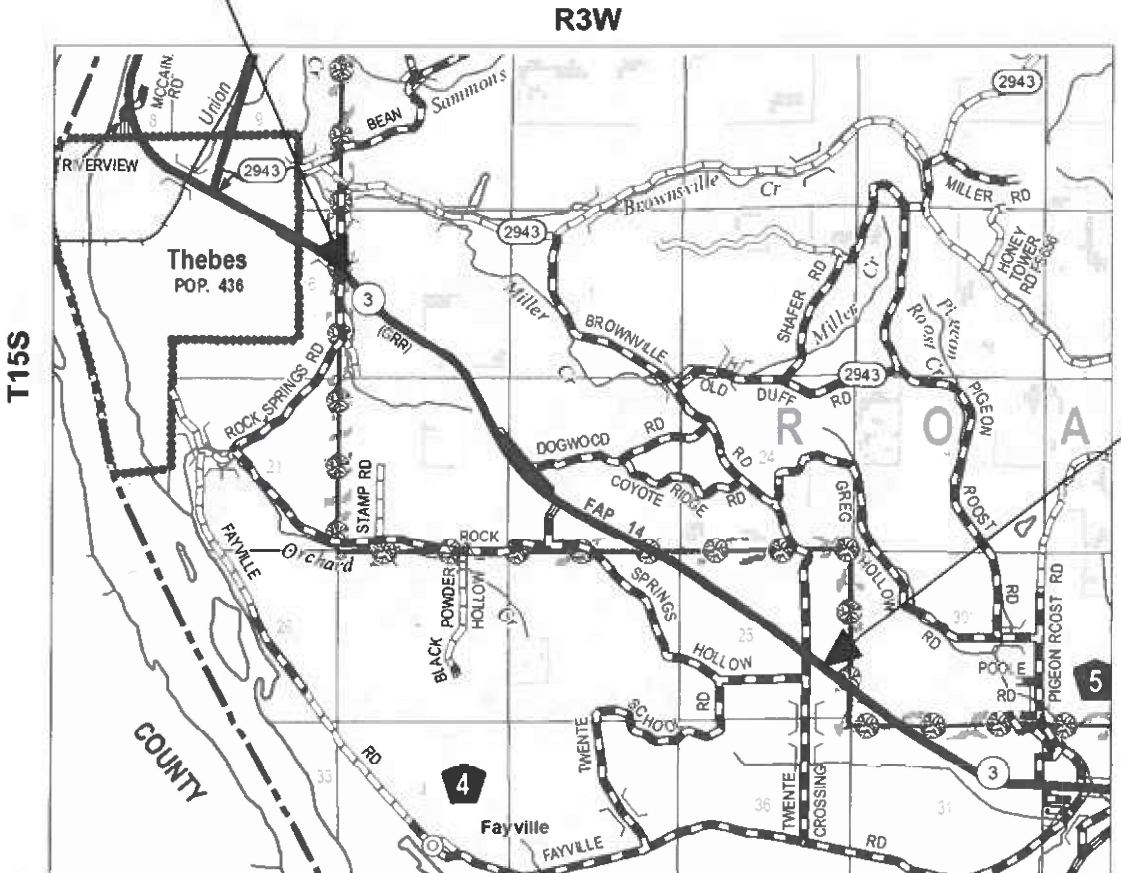
CONTRACT NO. 78B07

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 14 (IL 3)
SECTION (134,135)RS-3
PROJECT STP-CGWQ(505)
STANDARD OVERLAY
ALEXANDER COUNTY

C-99-041-25

PROJECT END
STA 1099+82



PROJECT BEGINS
STA 853+15



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 16 20 25
Lora S. Rensinger
REGIONAL ENGINEER

March 21 20 25
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 21 20 25
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GROSS LENGTH = 24,671 FT. = 4.67 MILE
NET LENGTH = 24,671 FT. = 4.67 MILE

MODEL SIGNATURE SHEET [Sheet]
FILE NAME: C:\work\mtd\illinois\alexis_hill2\1043356\0978807-ShA-Cover_Sig.dgn

USER NAME	= Alexis.Hill2	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 1/14/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

SCALE: SHEET 2 OF 15 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14	(134,135)RS-3	ALEXANDER	15	2
CONTRACT NO. 78B07				
ILLINOIS FED. AID PROJECT				

Prepared By: 
DISTRICT STUDIES & PLANS ENGINEER

Examined By: 
DISTRICT LAND ACQUISITION ENGINEER

Examined By: 
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: 
DISTRICT OPERATIONS ENGINEER

Examined By: _____
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: 
DISTRICT CONSTRUCTION ENGINEER

Examined By: 
DISTRICT MATERIALS ENGINEER

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, BINDER COURSE, 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

WHEN SHOULDER RESURFACING OF 6 FT OR LESS IS ALLOWED TO BE PLACED SIMULTANEOUSLY WITH THE ADJACENT TRAFFIC LANE, THE MAINLINE QUALITY MANAGEMENT PROGRAM WILL BE ENFORCED FOR THE MAINLINE AND SHOULDERS.

COMMITMENTS: NONE

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS, LIST OF COMMITMENTS
4	MIXTURE DESIGN & MTD RESTRICTIONS
5-7	SUMMARY OF QUANTITIES
8	TYPICAL SECTIONS: IL 3
9	MAINLINE, SIDEROADS & SHOULDER SCHEDULES
10	ENTRANCES, TEMPORAY PAVEMENT MARKING & PAVEMENT MARKING SCHEDULES
11	PATCHING SCHEDULE
12	DETAILS: HMA TRANSITION
13	DETAILS: INLAY DETAILS & BUTT JOINT WITH MILLING
14	DETAILS: ENTRANCE AND SIDEROAD DETAILS
15	DETAILS: ROUGH GROOVED, UNEVEN LANE SIGNS TEMPORARY HMA TRANSITIONS

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 406201-01 MAILBOX TURNOUT
- 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
- 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 45MPH OR MORE
- 701901-10 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

REV - MS

MODEL: GENERAL NOTES (Sheet)
FILE NAME: c:\pwworkspace\illinois.gov\1043366\0978B07-SHB-Index_GenNotes.dgn

	USER NAME = Alexis.Hall2	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS HIGHWAY STANDARDS & LIST OF COMMITMENTS				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						14	(134,135)RS-3	ALEXANDER	15	3
		CHECKED -	REVISED -		CONTRACT NO. 78B07								
	PLOT DATE = 1/14/2025	DATE -	REVISED -		SCALE:	SHEET 3	OF 15	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
AB/PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition:	IL-9.5mm
(Gradation Mixture)	
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 Binder Course
Mixture Use(s):	Hot-Mix Asphalt Binder Course, IL-9.5FG, N70
AB/PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyraton Design
Mixture Composition:	IL-9.5mm Fine Graded
(Gradation Mixture)	
Friction Aggregate:	None
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:	IL-9.5L
(Gradation Mixture)	
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	TONS
IL 3 STATIONS PROCEEDING FROM SOUTH TO NORTH				
SN 002-7008	N/A	N/A	40	Emptied *
SN 002-7011	N/A	N/A	40	Emptied *
SN 002-7013	N/A	N/A	38.8	Emptied *
SN 002-7015	N/A	N/A	40	Emptied *
SN 002-2001	N/A	N/A	40	Emptied *
SN 002-7016	N/A	N/A	40	Emptied *
SN 002-0031	N/A	N/A	40	Emptied *

* IF THE SAME MTD IS USED THROUGHOUT THE ENTIRE CONTRACT,
THEN IT MUST BE LIMITED TO AN EMPTY GROSS WEIGHT < 38.8 TONS.

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	ALEXANDER CO
				ROUTE:	FAP 14
				FUNDING:	80% FEDERAL 20% STATE
				LOCATION:	RURAL
					ROADWAY
					0005
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	50,988		50,988
40600370	LONGITUDINAL JOINT SEALANT	FOOT	24,672		24,672
40600405	MATERIAL TRANSFER DEVICE	TON	10,237		10,237
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,274		1,274
40600990	TEMPORARY RAMP	SQ YD	205		205
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	4,680		4,680
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	5,557		5,557
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	175		175
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	86,994		86,994
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	543		543
44201811	CLASS D PATCHES, TYPE I, 14 INCH	SQ YD	5		5
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	114		114
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	20		20

MODEL: SUMMARY OF QUANTITIES [Sheet]
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SUMMARY OF QUANTITIES - CONTD

COUNTY:	ALEXANDER CO
ROUTE:	FAP 14
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	80	80
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,011	1,011
48203100	HOT-MIX ASPHALT SHOULDERS	TON	2,058	2,058
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3
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	6,737	6,737
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,250	2,250
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	63,205	63,205
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	63,205	63,205

* SPECIALTY ITEM

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		DRAWN -	REVISED -					14	(134,135)RS-3	ALEXANDER	15	6
		CHECKED -	REVISED -					CONTRACT NO. 78B07				
	PLOT DATE = 1/15/2025	DATE -	REVISED -		SCALE:	SHEET 6	OF 15 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

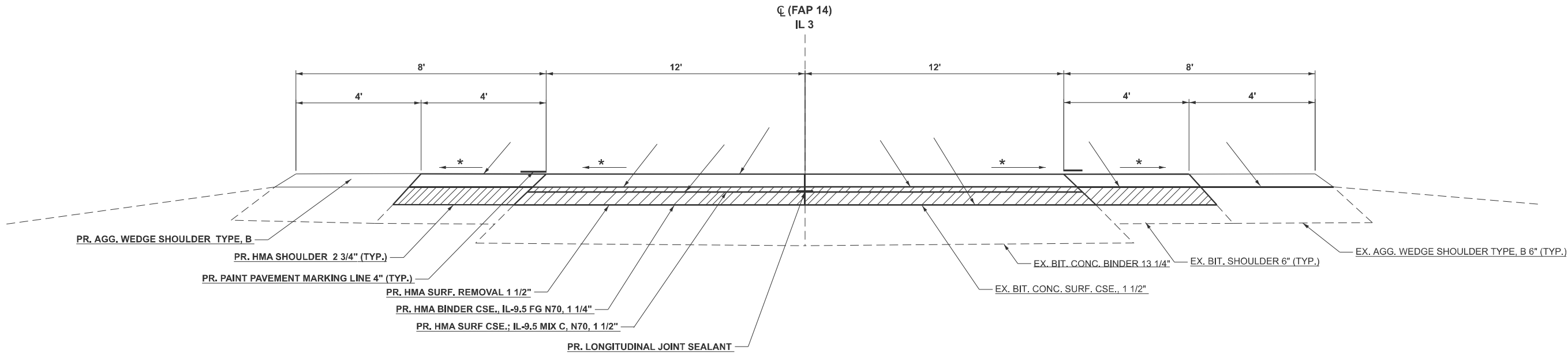
SUMMARY OF QUANTITIES - CONTD

SUMMARY OF QUANTITIES - CONTD

			COUNTY:	ALEXANDER CO	
			ROUTE:	FAP 14	
			FUNDING:	80% FEDERAL 20% STATE	
			LOCATION:	RURAL	
* 	CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005
	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	316	316
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	316	316
	78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	21,071	21,071
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	80	80

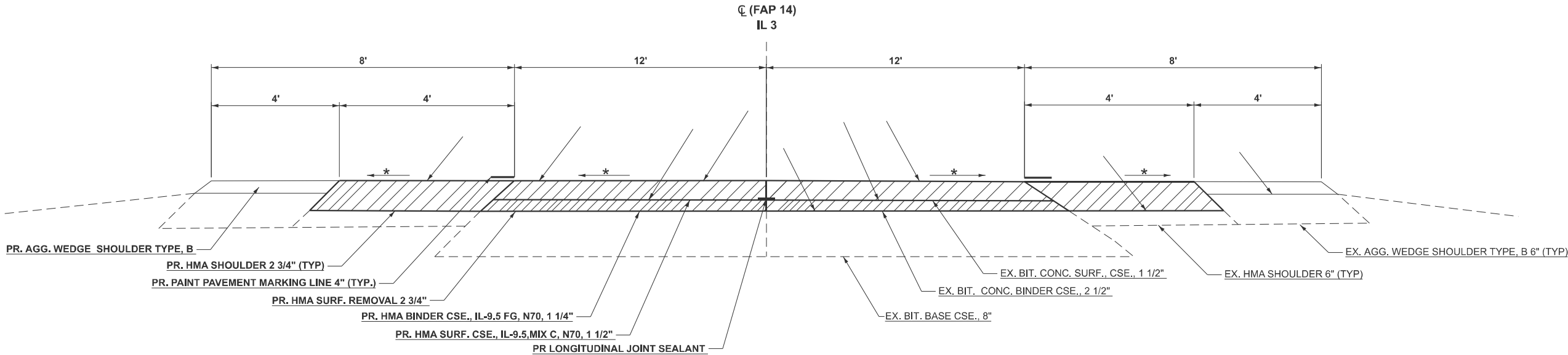
* SPECIALTY ITEM

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TO BE USED:
STA 853+15 TO STA 1098+22

STATION EQUATION
STA 907+27.39 BK= STA 907+23.13 AH



TO BE USED INLAY
STA 1098+22 TO STA 1099+82

- * MATCH EX. SLOPE
- TYPICAL SECTION NOT TO SCALE
- LONGITUDINAL JOINT SEALANT IS TO BE PLACED BETWEEN THE BINDER AND SURFACE COURSE

MODEL: TYPICAL SECTIONS-[Sheet]
FILE NAME: c:\pawork\work\illinois.gov_alexis.hall\2\illinois.gov_alexis.hall\2-ShtD-Typicals.dgn

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		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 1/14/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET 8 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14	(134,135)RS-3	ALEXANDER	15	8
CONTRACT NO. 78B07				
ILLINOIS FED. AID PROJECT				

MAINLINE RESURFACING SCHEDULE															
STATION TO STATION			LENGTH	ROADWAY WIDTH	HMA SURFACE, REM., (1 1/2")	HMA SURFACE REM., (2 3/4")	HMA SURF REMOVAL VAR DEPTH	HMA SURF. REMOVAL BUTT JOINT	HMA BINDER CSE., IL-9.5FG, N70, (1 1/4")	HMA SURF., CSE., IL-9.5 MIX C, N70, (1 1/2")	BITUMINOUS MATERIAL (TACK COAT)	TEMPORARY RAMP	LONGITUDINAL JOINT SEALANT	MATERIAL TRANSFER DEVICE	REMARKS
			INFORMATION ONLY												
			(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(TONS)	(TONS)	(LBS)	(SQ YD)	(FT)	(TONS)	
IL 3 STATIONS PROCEEDING FROM SOUTH TO NORTH															
853+15	TO	853+45	30	24			80	6	7	54	14	30	13		
853+45	TO	907+27.39	5382.39	24	14354			1021	1212	9689		5383	2233		
907+27.39	TO	907+23.13	STATION EQUATION												
907+23.13	TO	1097+92	19068.87	24	50851			3616	4294	34324		19069	7910		
1097+92	TO	1098+22	30	24		80		6	7	54		30	13	INLAY	
1098+22	TO	1099+82	160	24		427		31	37	288	25	160	68		
TOTALS:					65205	427	80	80	4680	5557	44409	39	24672	10237	

SHOULDERS SCHEDULE												
LOCATION STATION TO STATION				PAVEMENT LENGTH	HMA SHOULDER WIDTH	AGG SHOULDER WIDTH	HMA SURFACE REMOVAL, (1 1/2")	HMA SURFACE REMOVAL 2 3/4"	HMA SHOULDER	AGGREGATE WEDGE SHOULDER TYPE B	BITUMINOUS MATERIALS (TACK COAT)	
				INFORMATION ONLY								
				(FT)	(FT)	(FT)	(SQ YD)	(SQ YD)	(TONS)	(TONS)	(LBS)	
IL 3 STATIONS PROCEEDING FROM SOUTH TO NORTH												
RT	853+15	TO	907+27.39	5412.39	4	4	2406		371	172	1083	
RT	907+27.39	TO	907+23.13	STATION EQUATION								
RT	907+23.13	TO	1098+21	19097.87	4	4	8488		1308	605	3820	
RT	1098+21	TO	1099+36	115	4	4		52	8	4	23	
LT	853+15	TO	907+27.39	5412.39	4	4	2406		371	172	1083	
LT	907+27.39	TO	907+23.13	STATION EQUATION								
LT	907+23.13	TO	1098+23	19099.87	4	4	8489		1308	605	3820	
LT	1098+23	TO	1099+66	143	4	4		64	10	5	29	
TOTALS:							21789	116	2058	953	6009	

SIDEROAD SCHEDULE												
LT/RT	STATION	ROAD NAME	ENTRANCE TYPE	EXISTING SURFACE	EDGE OF PAVEMENT WIDTH	PAVEMENT LENGTH	END OF TAPER WIDTH	ROADWAY AREA	BITUMINOUS MATERIAL TACK COAT	INCIDENTAL HMA SURFACING	HMA SURF. REMOVAL BUTT JOINT	TEMPORARY RAMP
				FOR INFORMATIONAL USE ONLY								
					(FT)	(FT)	(FT)	(SQ YD)				
IL 3 STATIONS PROCEEDING FROM SOUTH TO NORTH												
RT	854+59.50	TWENTE CROSSING RD	SR	HMA	207	15	87	245	111	0	245	25
LT	854+59.50	TWENTE CROSSING RD	SR	HMA	143	15	58	168	76	29	168	17
LT	945+00	DENTON RD	SR	HMA	67	15	28	80	36	14	80	8
RT	949+00	JACO CITY RD	SR	HMA	97	15	38	113	51	19	113	11
RT	975+00	JACO CITY RD	SR	HMA	55	15	26	68	31	12	68	8
LT	1047+00	BRACKEN FIORD RD	SR	HMA	91	15	56	123	56	21	123	16
RT	1047+00	ROCL SPRING HOLLOW RD	SR	HMA	87	15	42	108	49	19	108	12
RT	1093+30	OLD STATE HIGHWAY 3	SR	HMA	155	15	77	194	87	33	194	22
LT	1093+30	OLD STATE HIGHWAY 3	SR	HMA	77	15	36	95	43	16	95	10
TOTALS:									540	163	1194	129

USER NAME = Alexis.Hall2	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINLINE, SIDEROADS, & SHOULDERS SCHEDULES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						14	(134,135)RS-3	ALEXANDER	15	9
	CHECKED -	REVISED -						CONTRACT NO. 78B07				
PLOT DATE = 1/14/2025	DATE -	REVISED -		SCALE:	SHEET 9	OF 15 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

MODEL: SCHEDULES-1 [Sheet]
FILE NAME: c:\p\work\pvid\illinois.gov_alexis.hall\2\illinois.gov_d1043366\0978B07-ShtE-Schedules.dgn

ENTRANCE SCHEDULE												
LT/RT	STATION	ENTRANCE TYPE	EXISTING SURFACE	EDGE OF PAVEMENT WIDTH	PAVEMENT LENGTH	END OF TAPER WIDTH	ROADWAY AREA	BITUMINOUS MATERIAL TACK COAT	INCIDENTAL HMA SURFACING	TEMPORARY RAMP	AGG WEDGE SHOULDER TYPE B	NOTES
			FOR INFORMATIONAL USE ONLY									
				(FT)	(FT)	(FT)	(SQ YD)					
IL 3 STATIONS PROCEEDING FROM SOUTH TO NORTH												
RT	870+60	PE	AGG	137	6	101	80				10	MAILBOX
LT	876+16	PE	AGG	157	6	148	102				11	MAILBOX
LT	885+00	PE	AGG	103	6	43	49				8	MAILBOX
RT	885+00	PE	AGG	57	4	35	21				3	MAILBOX
LT	892+51	PE	AGG	116	1	106	13				2	
RT	892+51	PE	HMA	75	4	67	32	15	6	19		
RT	906+81	PE	AGG	44	4	33	18				3	MAILBOX
LT	1050+00	PE	AGG	113	6	54	56				8	MAILBOX
RT	1068+18	PE	AGG	98	6	54	51				7	MAILBOX
LT	1068+18	PE	HMA	46	4	40	20	9	4	12		
LT	1073+55	PE	HMA	32	4	20	12	6	2	6		
LT	1085+70	PE	AGG	85	6	45	44				6	MAILBOX
TOTALS:								30	12	37	58	

TEMPORARY PAVEMENT MARKING SCHEDULE											
LOCATION STATION TO STATION	PAINT PAVEMENT MARKING						PAVEMENT MARKING REMOVAL (GRINDING)	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	REMARKS	
	LENGTH	LINE 4"									
		YELLOW			WHITE						
		SOLID	SKIP DASH	DLB	SOLID						
		(FT)	(FT)	(FT)	(FT)	(FT)					(SQ FT)
IL 3 STATION PROCEEDING FROM SOUTH TO NORTH											
853+15	TO	853+94	80		20		160	60	22	8	PASSING
853+94	TO	866+88	1293	1293	324		2586	1401	353	118	NO PASSING NB
866+88	TO	811+67	1073	1073	269		2146	1163	293	98	NO PASSING SB
877+61	TO	907+27.39	2966.39		742		5933	2225	810	270	PASSING
907+27.39	TO	907+23.13	STATION EQUATION								
907+23.13	TO	913+67	643.87		161		1288	483	176	59	PASSING
913+67	TO	923+98	1031	1031	258		2062	1117	282	94	NO PASSING NB
923+98	TO	933+96	998	998	250		1996	1082	273	91	NO PASSING SB
933+96	TO	987+98	5402		1351		10804	4052	1474	492	PASSING
987+98	TO	998+04	1006	1006	252		2012	1090	275	92	NO PASSING NB
998+04	TO	1011+03	1299	1299	325		2598	1408	355	119	NO PASSING SB
1011+03	TO	1088+07	7704		1926		15408	5778	2102	701	PASSING
1088+07	TO	1092+41	434	434	109		868	471	119	40	NO PASSING NB
1092+41	TO	1099+82	741			741	1482	741	203	68	NO PASSING
SUB-TOTALS:			7134	5987	741	49343	21071	6737	2250		
TOTALS :			63205				21071	6737	2250		

PAVEMENT MARKING SCHEDULE										
LOCATION STATION TO STATION	LENGTH	PAINT PAVEMENT MARKING					RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	REMARKS	
		LINE 4"								
		YELLOW			WHITE					
		SOLID	SKIP DASH	DLB	SOLID					
	(FT)	(FT)	(FT)	(FT)	(FT)	EACH	EACH			
IL 3 STATIONS PROCEEDING FROM SOUTH TO NORTH										
853+15	TO	853+94	80		20		160	1	1	PASSING
853+94	TO	866+88	1293	1293	324		2586	17	17	NO PASSING NB
866+88	TO	877+61	1073	1073	269		2146	14	14	NO PASSING SB
877+61	TO	907+27.39	2966.39		742		5933	38	38	PASSING
907+27.39	TO	907+23.13	STATION EQUATION							
907+23.13	TO	913+67	643.87		161		1288	9	9	PASSING
913+67	TO	923+98	1031	1031	258		2062	13	13	NO PASSING NB
923+98	TO	933+96	998	998	250		1996	13	13	NO PASSING SB
933+96	TO	987+98	5402		1351		10804	68	68	PASSING
987+98	TO	998+04	1006	1006	252		2012	13	13	NO PASSING NB
998+04	TO	1011+03	1299	1299	325		2598	17	17	NO PASSING SB
1011+03	TO	1088+07	7704		1926		15408	97	97	PASSING
1088+07	TO	1092+41	434	434	109		868	6	6	NO PASSING NB
1092+41	TO	1099+82	741			741	1482	10	10	NO PASSING
SUB-TOTALS:			7134	5987	741	49343	316	316		
TOTALS:			63205				316	316		

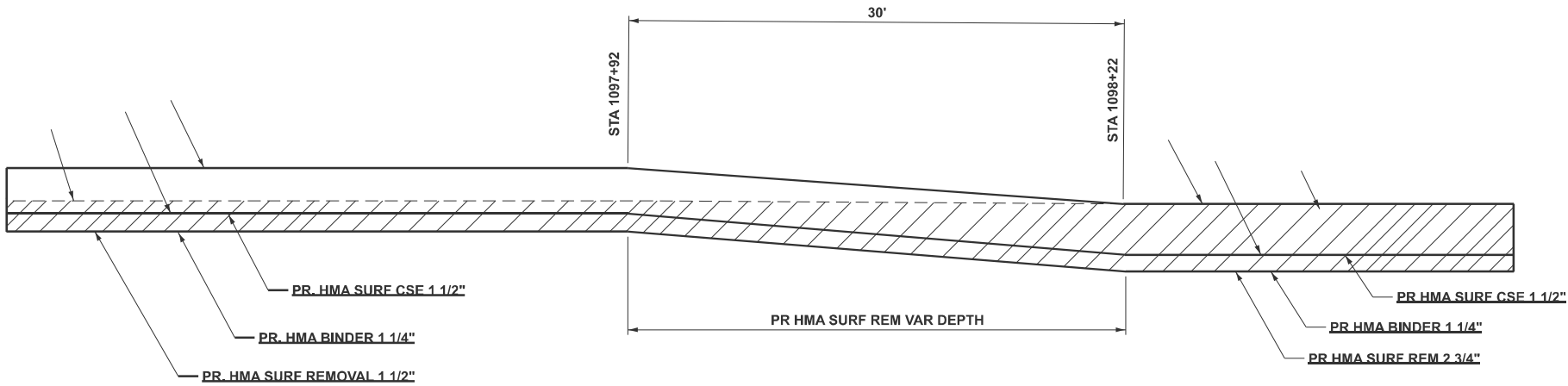
	USER NAME = Alexis.Hall2	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCES, TEMPORARY PAVEMENT MARKING & PAVEMENT MARKING SCHEDULES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					14	(134,135)RS-3	ALEXANDER	15	10
		CHECKED -	REVISED -					CONTRACT NO. 78B07				
	PLOT DATE = 1/14/2025	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
SCALE:		SHEET 10 OF 15 SHEETS		STA.		TO STA.						

PAVEMENT PATCHING

PATCH NUMBER	STATION (0+00 @ NEW PAVEMENT- NEAR TWENTE CROSSING RD.)	LENGTH	WIDTH	AREA	CLASS D PATCHES, TYPE I, 14 INCH	CLASS D PATCHES, TYPE II, 14 INCH	CLASS D PATCHES, TYPE III, 14 INCH	CLASS D PATCHES, TYPE IV, 14 INCH	NOTES
		FOR INFORMATION ONLY							
	(MILES)	(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	
IL 3 STATIONS PROCEEDING FROM SOUTH TO NORTH									
1	00+10	4	10	4.4	5				NBL
2	00+40	6	12	8.0		8			NBL
3	00+40	10	12	13.3		14			SBL
4	00+60	10	12	13.3		14			SBL
5	00+80	6	12	8.0		8			NBL
6	00+80	10	12	13.3		14			SBL
7	1+00	6	12	8.0		8			NBL
8	47+80	6	12	8.0		8			NBL
9	87+70	6	12	8.0		8			NBL
10	92+85	6	12	8.0		8			NBL
11	177+19	6	12	8.0		8			SBL
12	177+40	6	12	8.0		8			NBL
13	243+70	6	12	8.0		8			NBL
14	245+50	30	12	40.0				40	NBL
15	245+58	15	12	20.0			20.0		SBL
16	247+13	30	12	40.0				40	SBL
TOTALS:					5	114	20	80	

	USER NAME = Alexis.Hall2	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PATCHING SCHEDULE			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN -	REVISED -					14	(134,135)RS-3	ALEXANDER	15	11		
		CHECKED -			CONTRACT NO. 78B07									
	PLOT DATE = 1/15/2025	DATE -	REVISED -		SCALE:	SHEET 11	OF 15 SHEETS	STA.	TO STA.					
									ILLINOIS	FED. AID PROJECT				

HMA TRANSITION DETAIL



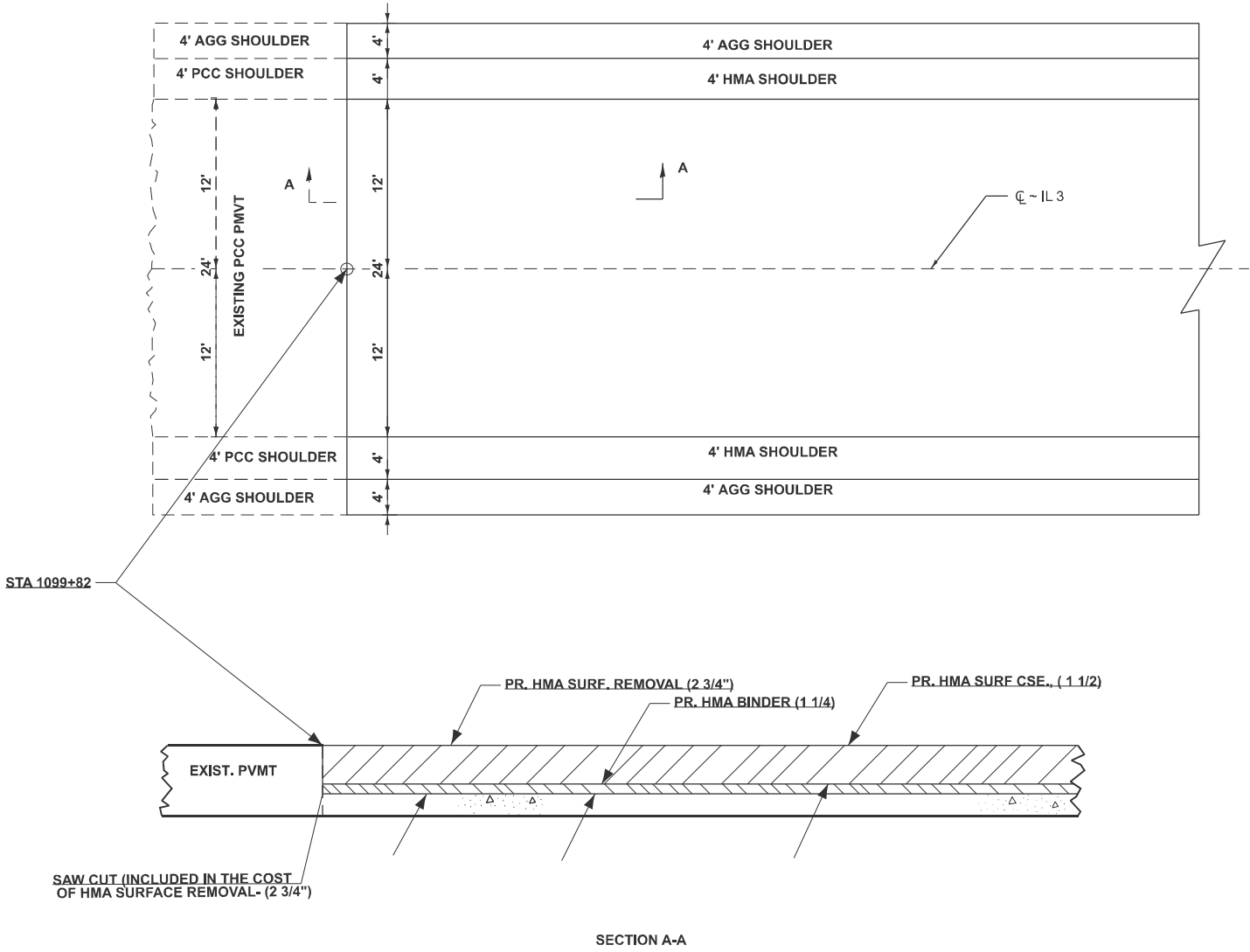
TO BE USED

STA 1097+92 TO STA 1098+22

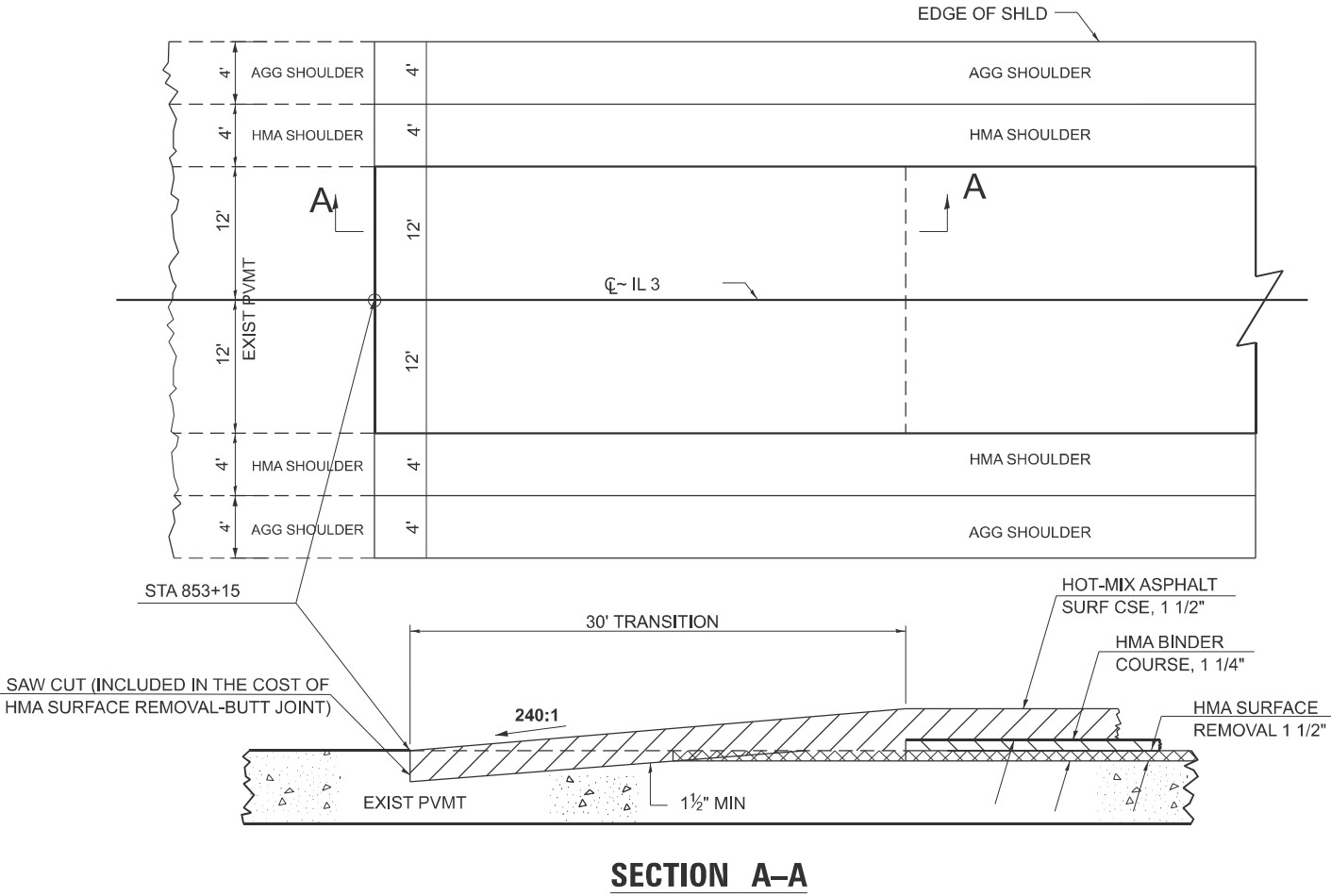
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	USER NAME = Alexis.Hall2	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA TRANSTION DETAIL			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					14	(134,135)RS-3	ALEXANDER	15	12
		CHECKED -	REVISED -					CONTRACT NO. 78B07				
	PLOT DATE = 1/14/2025	DATE -	REVISED -		SCALE:	SHEET 12	OF 15 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

INLAY DETAIL



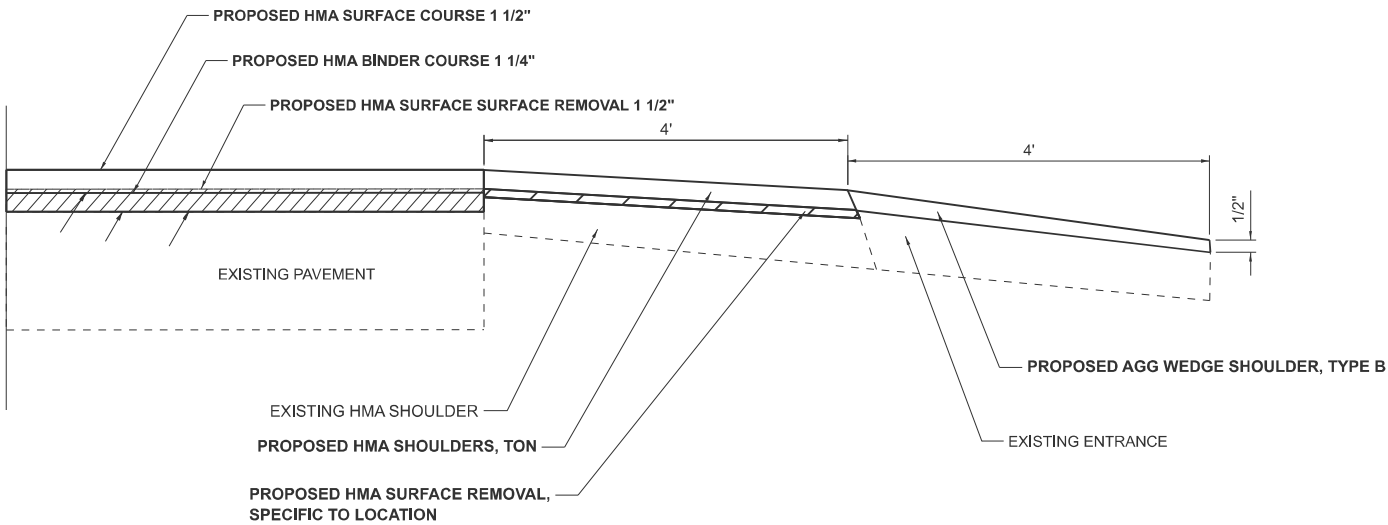
BUTT JOINT WITH MILLING



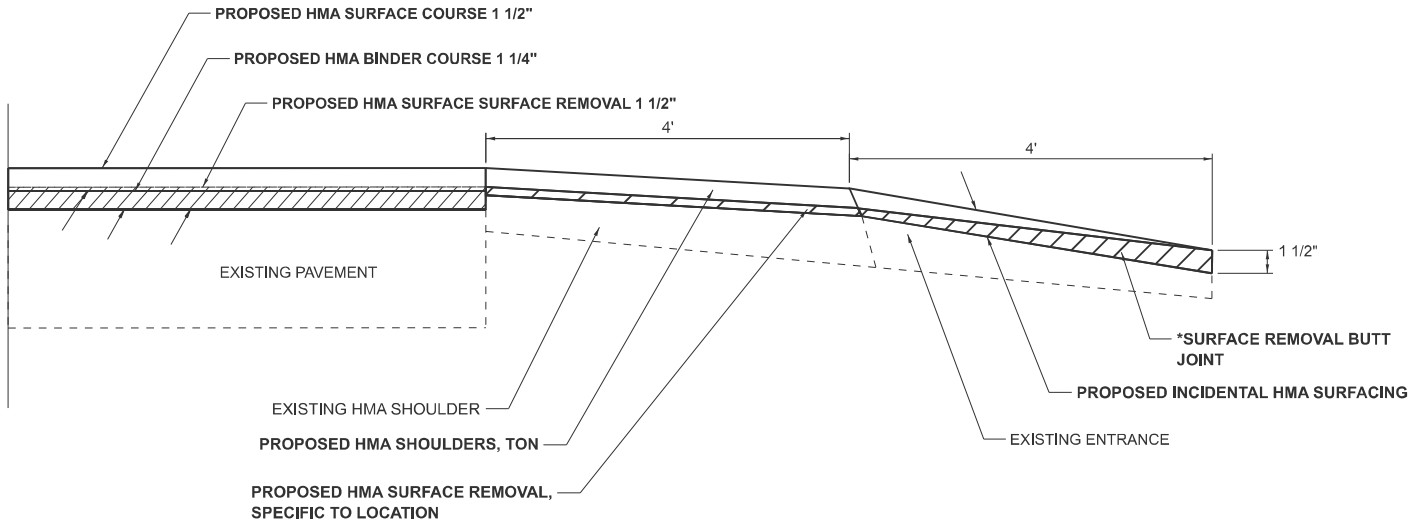
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FILE NAME: c:\p\work\pvt\illinois.gov_alexis.hall2\illinois.gov_d1043366\0978B07-ShS-DistrictStds.dgn

	USER NAME = Alexis.Hall2	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INLAY DETAILS BUTT JOINT WITH MILLING			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					14	(134,135)RS-3	ALEXANDER	15	13
		CHECKED -	REVISED -					CONTRACT NO. 78B07				
	PLOT DATE = 1/14/2025	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
SCALE:		SHEET 13 OF 15 SHEETS		STA.		TO STA.						

AGGREGATE ENTRANCE WITH PAVED SHOULDER

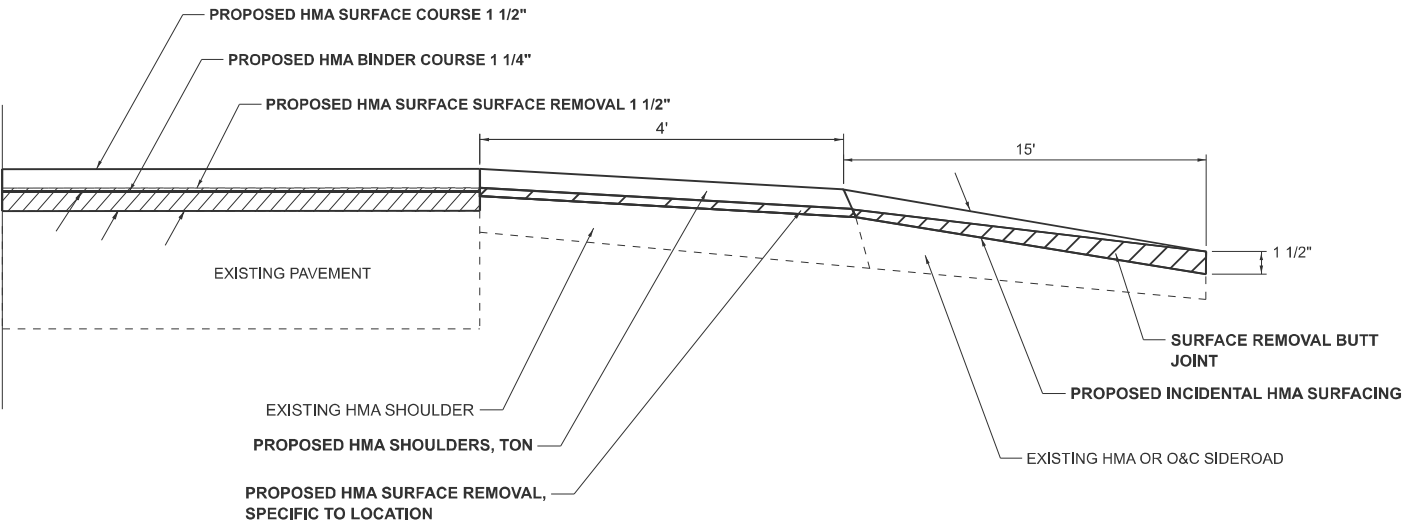


HMA OR PCC ENTRANCE WITH PAVED SHOULDER



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.
- *SURFACE REMOVAL BUTT JOINT ON ENTRANCES IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACING.

HMA OR PCC SIDEROADS WITH PAVED SHOULDER



MODEL: ENTRANCE AND SIDEROAD DETAIL (Sheet)
FILE NAME: c:\p\work\pwt\illinois.gov_alexis.hall2\illinois.gov\1043366\0978B07-ShtS-DistrictStds.dgn

USER NAME	= Alexis.Hall2	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 1/15/2025	DATE	-	REVISED	-

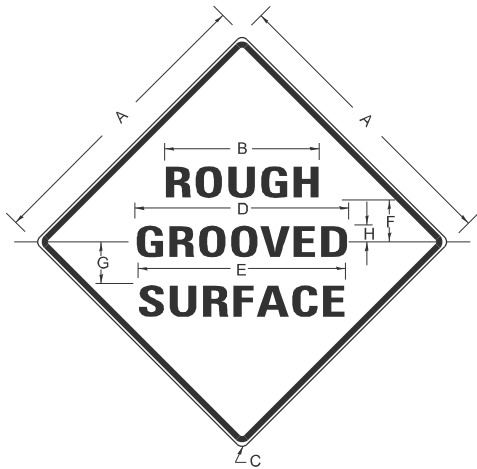
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE AND SIDEROAD DETAILS

SCALE: SHEET 14 OF 15 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14	(134,135)RS-3	ALEXANDER	15	14
CONTRACT NO. 78B07				
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.

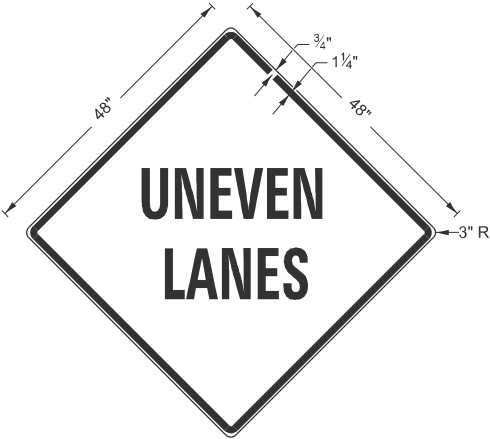
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

STD. 9-23

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

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.

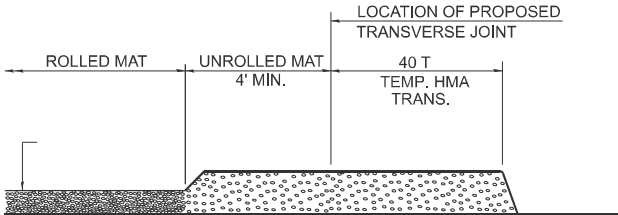
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

STD. 9-24

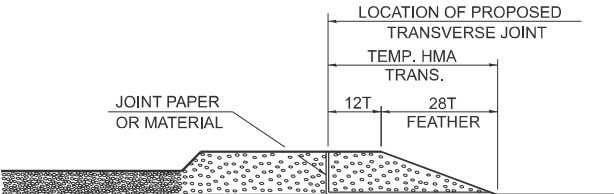
DRAWN	02-15-89
REVISED	05-08-08
REVISED	10-21-21
REVISED	05-27-22

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



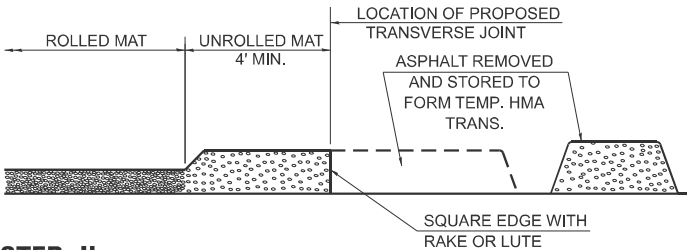
STEP I

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.



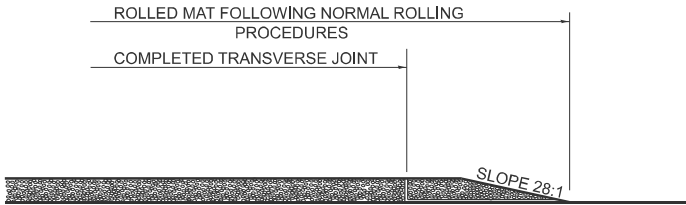
STEP III

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.



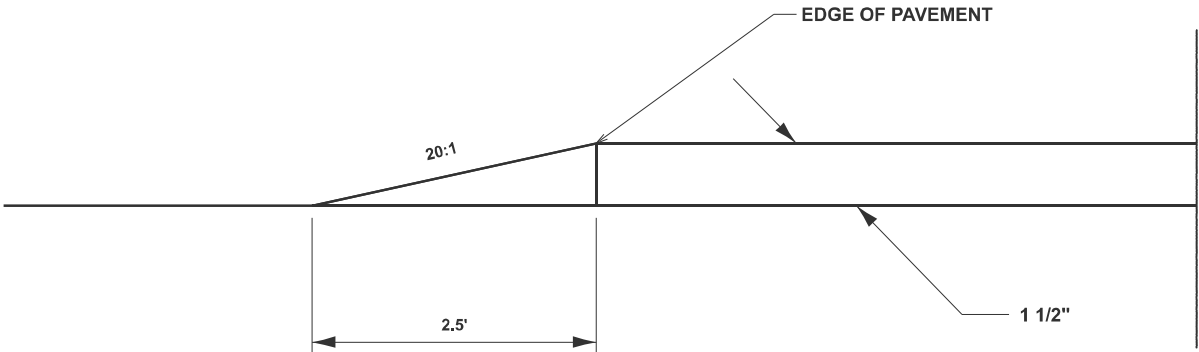
STEP IV

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

TEMPORARY RAMPS FOR SIDEROADS DETAIL



MODEL: STANDARDS (Sheet)
FILE NAME: c:\pw_work\pwwd\illinois.gov_alexis.hall2\illinois.gov_alexis.hall2\043366\0978B07-ShtS-DistrictStds.dgn

USER NAME = Alexis.Hall2	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUGH GROOVED AND UNEVEN LANE SIGNS DETAILS
TEMPORARY HMA TRANSITIONS DETAILS

SCALE: SHEET 15 OF 15 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14	(134,135)RS-3	ALEXANDER	15	15
CONTRACT NO. 78B07				
ILLINOIS FED. AID PROJECT				