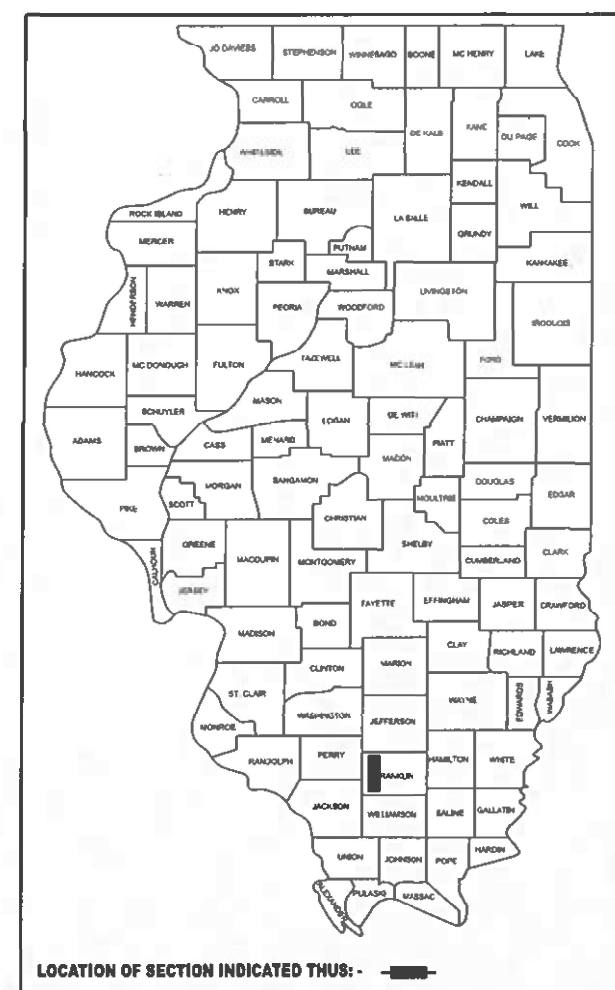


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1973	116RS-3	FRANKLIN	21	1
ILLINOIS		CONTRACT NO. 78B14		

D-99-020-25



FOR INDEX OF SHEETS, SEE SHEET NO. 3

TRAFFIC DATA

FAP 1973 (IL 184)			
	2023	2025	2045
PV =	1,810	1,850	2,250
SU =	60	60	75
MU =	30	30	35
ADT =	1,900	1,940	2,360

TOWNSHIPS
SIX MILE AND TYRONE

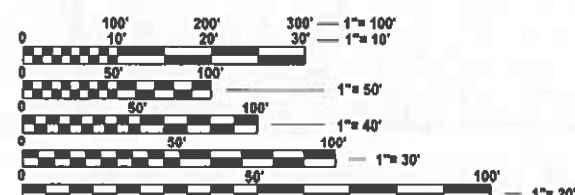
OMISSION RR CROSSING
STA. 296+14 TO STA. 297+02

C-99-048-25

PROJECT ENDS
STA. 311+76.29

DESIGN DESIGNATION: N/A
COORDINATE SYSTEM: N/A
POSTED SPEED: 55MPH

PROJECT BEGINS
STA. 9+99.72

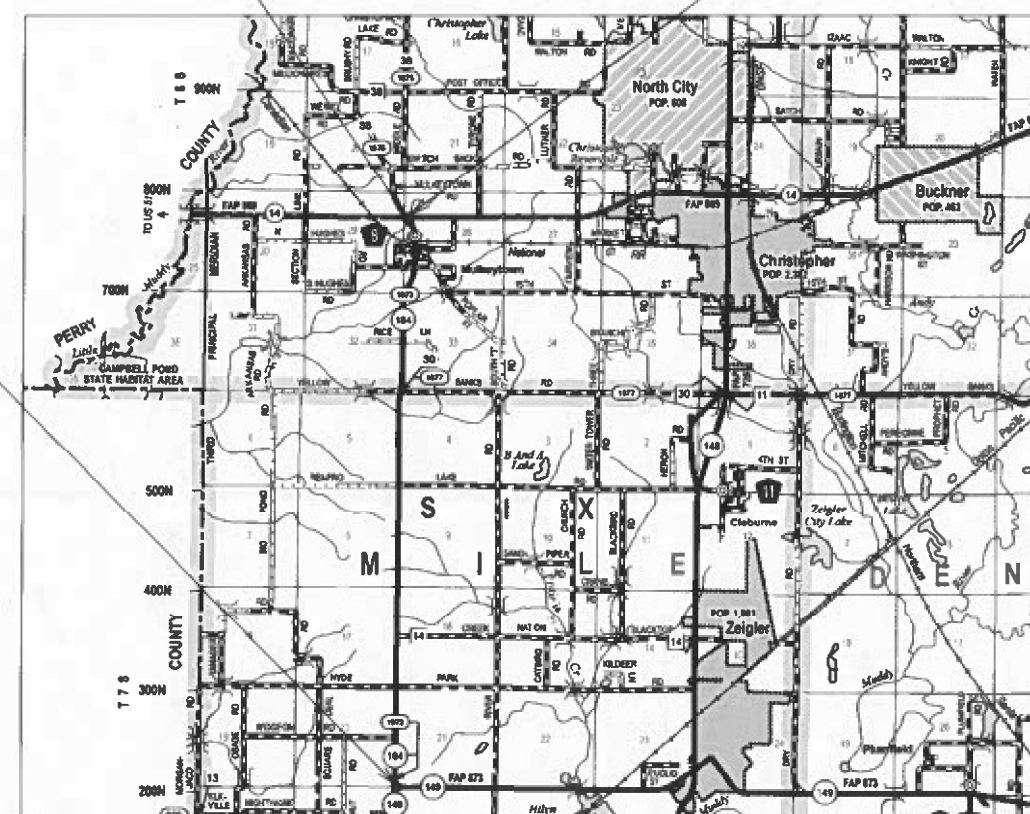


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: VALERIE ROLLA
PROJECT DESIGNER: MELISSA COLE

CONTRACT NO. 78B14



GROSS LENGTH = 30,176.6 FT. = 5.72 MILE
NET LENGTH = 30,088.6 FT. = 5.70 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 24 20 25
Lora S. Rumsig REGIONAL ENGINEER

March 21 20 25
Scott A. Etkin ENGINEER OF DESIGN AND ENVIRONMENT

March 21 20 25
Y. Rumsig DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

MODEL: signature (Sheet)
FILE NAME: c:\pwworking\dotcom\mmd1043474\0578814-Shua-Cover_Sig.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/21/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

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

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1973	116RS-3	FRANKLIN	21	2
CONTRACT NO. 78B14				
ILLINOIS FED. AID PROJECT				

Prepared By: Susan Poe
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy [Signature]
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Ann [Signature]
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: [Signature]
DISTRICT OPERATIONS ENGINEER

Examined By: _____
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Brenda [Signature]
DISTRICT CONSTRUCTION ENGINEER

Examined By: Aunt [Signature]
DISTRICT MATERIALS ENGINEER

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, COMMITMENTS, GENERAL NOTES
4	MIX DESIGN
5	MTD TABLE
6-8	SUMMARY OF QUANTITIES
9-11	TYPICAL SECTIONS: IL 14
12-17	SCHEDULES
18	DETAILS: SIDEROAD AND ENTRANCE
19	DETAILS: ROUGH GROOVED SURFACE, UNEVEN LANES TEMP HMA TRANSITIONS
20	DETAILS: BUTT JOINT
21	DETAILS: MILLING TRANSITION

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

REVISE STANDARD SPECIFICATIONS ARTICLE 107.12, PARAGRAPH 5, LAST SENTENCE TO READ: 'ALL OTHER RAILROAD FLAGGER COSTS WILL BE INCURRED BY THE DEPARTMENT ACCORDING TO ARTICLE 109.05.'

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

VIBRATORY ROLLERS WILL NOT BE ALLOWED WITHIN THE CORPORATE LIMITS OF MULKEYTOWN.

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

COMMITMENTS: NONE

HIGHWAY STANDARDS

000001-08_STANDARDSYMBOLSABBREVIATIONSANDPATTERNS

001006_DECIMALOFINCH-FOOT

442201-03_CLASSC-DPATCHES

701001-02_OFFRDOP-2L2W-15FTMINFROMEOP

701006-05_OFFRDOP-2L2W-15FTTOEOP

701301-04_LANECLCLOSURE2L2WSHORTTIMEOPERATIONS

701306-04_LANECLCLOSURE2L2WSLOWMOVINGOPERATIONSDAYONLY

701311-03_LNCLCLOSURE2L2W-MOVINGOPDAYONLY

701336-07_LNCLCLOSURE2L2W-WORKAREASINSERIES45MPHORMORE

701901-10_TRAFCNTRLDEVICES

780001-05_TYPICALPVMTMRKINGS

781001-04_TYPICALAPPRAISEDREFLCPVMTMRKRS

REV - MS

MODEL: Index [Sheet]
FILE NAME: c:\pw_workspace\code\mmid10434740978814-ShiB-Index_GenNotes.dgn

	USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STANDARDS, GENERAL NOTES, AND COMMITMENTS	F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			1973	116RS-3	FRANKLIN	22	3
		CHECKED -	REVISED -			CONTRACT NO. 78B14				
	PLOT DATE = 1/21/2025	DATE -	REVISED -			SCALE:	SHEET 1 OF 3 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 Gyraton 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 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: (Gradation Mixture)	IL-9.5mm Fine Graded
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	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 Gyraton Design
Mixture Composition: (Gradation Mixture)	IL-9.5L
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	3,000 tons
Material Transfer Device (Required?)	No

MODEL: Index-1 [Sheet]
FILE NAME: c:\p\work\p\work\code\mmd\043474\0978B14-ShrB-Index_GenNotes.dgn

	USER NAME = mellissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MIX DESIGN TABLE			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					1973	116RS-3	FRANKLIN	21	4
		CHECKED -	REVISED -					CONTRACT NO. 78B14				
	PLOT DATE = 1/21/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: Index-2 [Sheet]
FILE NAME: c:\p\work\p\work\code\mmd1043474\0578B14-ShrB-Index_GenNotes.dgn

MTD CROSSING RESTRICTIONS TABLE

ROUTE (IL 184) SN & CENTERLINE STATION		EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MAXIMUM GROSS WEIGHT RESTRICTION	MTD CROSSING RESTRICTIONS
		FOOT	FOOT		
SN 028-7042	STA 279+58	1.5'	1.1'	40 TON	Emptied *
028-7037	STA 276+94	3'	1.1'	40 TON	Emptied *
028-7041	STA 262+15	1.5	1.1'	40 TON	Emptied *
028-7038	STA 248+65	4.5'	1.1'	40 TON	Emptied *
028-7040	STA 248+10	3.5'	1.1'	40 TON	Emptied *
028-7039	STA 200+64	1.5'	1.1'	40 TON	Emptied *
028-7118	STA 179+52	1.5	1.1'	33.6 TON	Emptied *

***The Contractor shall refer to BDE Special Provision for Material Transfer Device.**
If the same MTD is used throughout the entire contract, then it must be limited to an empty gross weight <= 33.6 tons.

	USER NAME = mellissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MTD CROSSING RESTRICTIONS TABLE			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					1973	116RS-3	FRANKLIN	22	5
		CHECKED -	REVISED -					CONTRACT NO. 78B14				
	PLOT DATE = 1/21/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

COUNTY:	FRANKLIN
ROUTE:	FAS 1973 (IL 184)
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL
	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	54,681	54,681
40600370	LONGITUDINAL JOINT SEALANT	FOOT	30,090	30,090
40600405	MATERIAL TRANSFER DEVICE	TON	12,402	12,402
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	720	720
40600990	TEMPORARY RAMP	SQ YD	615	615
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	5,668	5,668
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	6,734	6,734
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	112	112
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	72,868	72,868
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	7,503	7,503
44200050	WELDED WIRE REINFORCEMENT	SQ YD	20	20
44201385	CLASS C PATCHES, TYPE I, 13 INCH	SQ YD	4	4
44201389	CLASS C PATCHES, TYPE II, 13 INCH	SQ YD	82	82

MODEL: SQO-2 [Sheet]
FILE NAME: c:\p\work\pwtol\cdem\md1043474\DS78B14-ShrC-SqO.dgn

SUMMARY OF QUANTITIES - CONT

COUNTY:	FRANKLIN
ROUTE:	FAS 1973 (IL 184)
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL
	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
44201394	CLASS C PATCHES, TYPE III, 13 INCH	SQ YD	20	20
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	634	634
67100100	MOBILIZATION	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	9,060	9,060
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3,020	3,020
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	122	122
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	74,049	74,049
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	106	106
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	122	122
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	74,049	74,049

* SPECIALTY ITEM

MODEL: SQQ-1 [Sheet]
FILE NAME: c:\pw\work\pwtolcdem\mtd1043474\D878B14-ShtC-SqO.dgn

	USER NAME = mellisa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						1973	116RS-3	FRANKLIN	21	7
		CHECKED -	REVISED -						CONTRACT NO. 78B14				
	PLOT DATE = 1/23/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

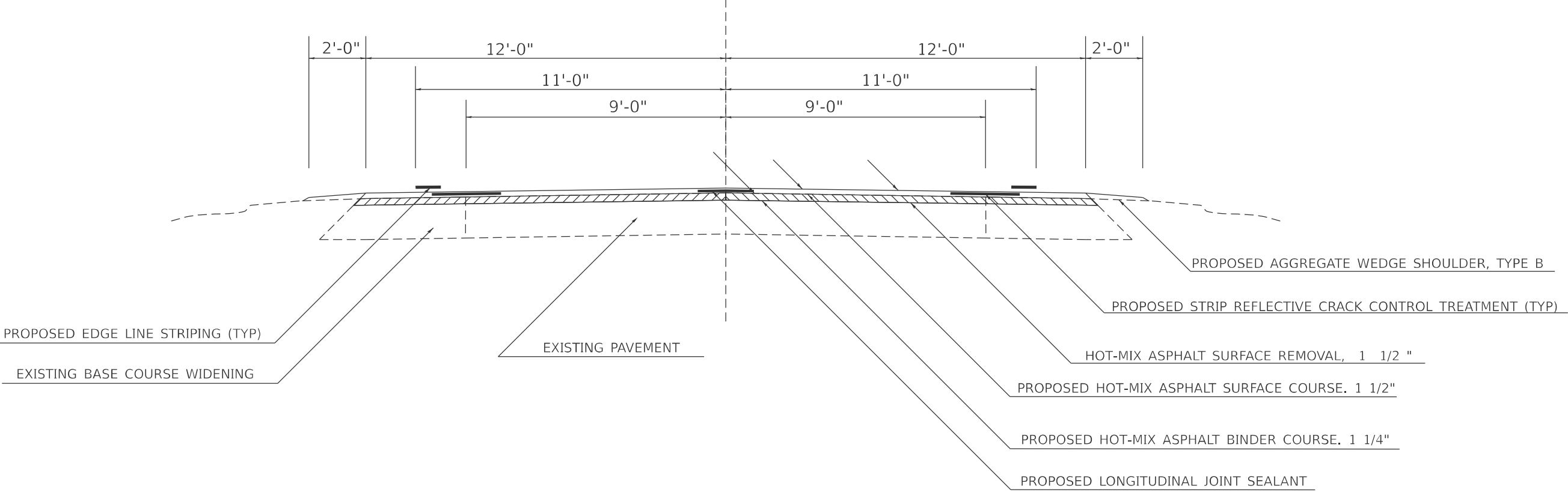
SUMMARY OF QUANTITIES - CONT

SUMMARY OF QUANTITIES - CONT				COUNTY:	FRANKLIN
				ROUTE:	FAS 1973 (IL 184)
				FUNDING:	80% FEDERAL 20% STATE
				LOCATION:	RURAL
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	
*					
	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	106	106
*					
	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	386	386
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	386	386
	78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	25,023	25,023
	X4430200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	60,178	60,178
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1

* SPECIALTY ITEM

MODEL: SQO [Sheet]
FILE NAME: c:\p\work\pwt\tdcode\mmd1043474\DS78B14-ShtC-SQO.dgn

TYPICAL SECTION
FAP 1973 (IL 184)
FRANKLIN COUNTY

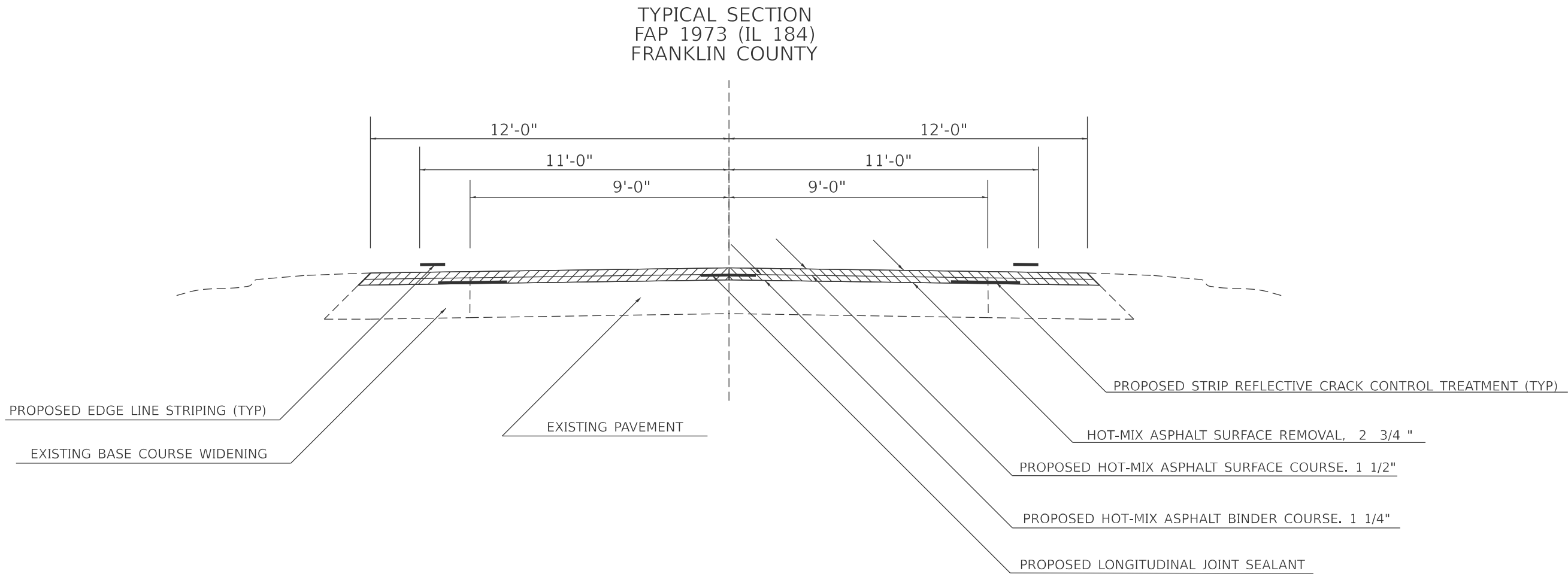


TO BE USED:
STA. 9+99.72 TO 283+25

MODEL: TYPICAL [Sheet]
FILE NAME: c:\p\work\work\code\mmd\043474\0678B14-Shd-Typicals.dgn

	USER NAME = mellissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					1973	116RS-3	FRANKLIN	22	9
		CHECKED -	REVISED -					CONTRACT NO. 78B14				
	PLOT DATE = 1/17/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

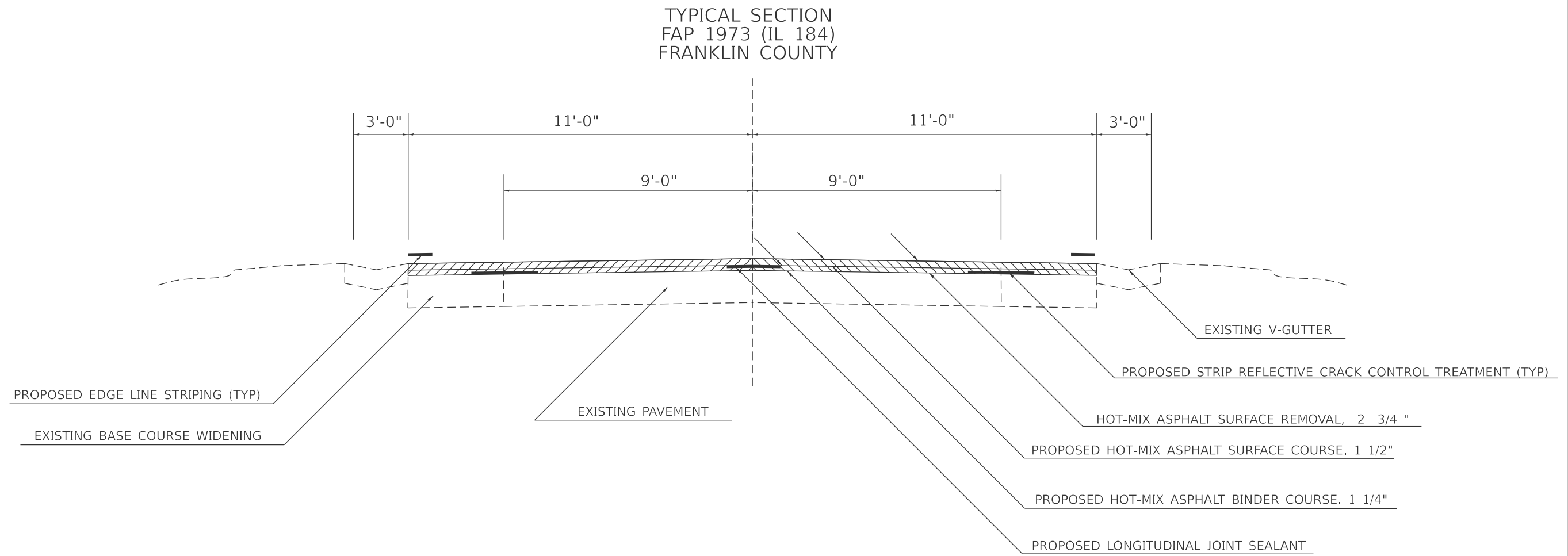
MODEL: TYPICAL-1 [Sheet]
FILE NAME: c:\pwwork\pwwork\code\mmd\043474\0978B14-Shld-Typicals.dgn



TO BE USED:
STA. 283+25 To 291+24
STA. 302+86 TO 311+76.29

	USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					1973	116RS-3	FRANKLIN	22	10
		CHECKED -	REVISED -					CONTRACT NO. 78B14				
	PLOT DATE = 1/17/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: TYPICAL-2 (Sheet)
FILE NAME: c:\p\work\pilotcode\mmd\043474\0978B14-Shd-Typicals.dgn



TO BE USED:
STA. 291+24 TO 302+86
RR OMISSION (296+14 TO 297+02)

	USER NAME = mellissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					1973	116RS-3	FRANKLIN	22	11
		CHECKED -	REVISED -					CONTRACT NO. 78B14				
	PLOT DATE = 1/17/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

HMA PAVEMENT SCHEDULE

LOCATION STATION TO STATION	TEMP RAMPS	HMA BINDER COURSE (1 1/4 ")	HMA SURFACE COURSE (1 1/2 ")	MATERIAL TRANSFER DEVICE	HMA SURFACE REMOVAL , 1 1/2 "	HMA SURFACE REMOVAL , 2 3/4 "	BITUMINOUS MATERIALS (TACK COAT)	AGG WEDGE SHOULDER TYPE B	STRIP REFLECTIVE CRACK CONTROL	LONG JOINT SEALANT
	SQ YD	TON	TON	TON	SQ YD	SQ YD	POUND	TON	FOOT	FOOT
FAP 1973 (IL 184)										
STA 9+99.72 TO STA 283+25.00	23	5168	6153	11321	72868		49186	606	54651	27326
STA 283+25.00 TO STA 291+24.00		152	180	332		2131	1439		1598	799
STA 291+24.00 TO STA 296+14.00	23	86	102	188		1198	809		980	490
STA 296+14.00 TO STA 297+02.00	OMISSION RR CROSSING									
STA 297+02.00 TO STA 302+86.00	23	102	121	223		1428	964		1168	584
STA 302+86.00 TO STA 310+40.00		143	170	313		2011	1358		1508	754
STA 310+40.00 TO STA 311+76.29	198	17	8	25		735	496		273	137
PROJECT TOTALS	267	5668	6734	12402	72868	7503	54252	606	60178	30090

MODEL: SCHEDULE [Sheet]
FILE NAME: c:\p\p\work\p\work\code\mmd\043474\0878B14-SHE-Schedules.dgn

TEMPORARY PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	TEMPORARY PAVEMENT MARKING						PAVEMENT MARKING REMOVAL - GRINDING	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL
	LINE - 4" WHITE	LINE - 4" YELLOW			LINE - 24" WHITE	LETTERS & SYMBOLS			
	SOLID	SOLID LT	SOLID RT	SKIP - DASH					
FAS 1973 (IL 184)	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	FOOT	SQ FT
STA 9+99.72 TO STA 248+77.00	47755			5969			17908	7164	2388
STA 248+77.00 TO STA 253+58.00	962		481	120			522	147	49
STA 253+58.00 TO STA 257+62.00	808			101			303	123	41
STA 257+62.00 TO STA 262+00.00	876	438		110			475	132	44
STA 262+00.00 TO STA 262+83.00	166	83	83				111	27	9
STA 262+83.00 TO STA 270+76.00	1586		793	198			860	240	80
STA 270+76.00 TO STA 275+37.00	922	461	461				615	141	47
STA 275+37.00 TO STA 283+74.00	1674	837		209			907	252	84
STA 283+74.00 TO STA 290+51.00	1354			169			508	204	68
STA 290+51.00 TO STA 296+14.00	1126		563	141			610	171	57
STA 296+14.00 TO STA 297+02.00	OMISSION								
STA 297+02.00 TO STA 305+67.00	1730	865	865				1154	261	87
STA 305+67.00 TO STA 309+60.00	786	393		98			426	120	40
STA 309+60.00 TO STA 311+76.29	433	216	216		40		369	78	26
RR AT 296+55									
2- 'X' (20')						108.0	108		
4- 'R' (6')						14.4	15		
6- 24" LINES					66		132		
SUBTOTAL	60177	3293	3462	7116	106	122.4	25023	9060	3020
TOTAL	74049				106	122.4	25023	9060	3020

MODEL: SCHEDULE-1 (Sheet)
FILE NAME: c:\p\work\pilot\cdem\mtd1043474\0978B14-ShIE-Schedules.dgn

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	PAINT PAVEMENT MARKING						RAISED REFL PAVEMENT MARKER	RAISED REFL PAVEMENT MARKER REMOVAL PAVEMENT MARKING	COMMENTS
	LINE - 4" WHITE	LINE - 4" YELLOW			LINE-24" WHITE	LETTERS & SYMBOLS			
		SOLID	SOLID LT	SOLID RT					
FAS 1973 (IL 184)	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH	
STA 9+99.72 TO STA 248+77.00	47755			5969			299	299	SKIP DASH
STA 248+77.00 TO STA 253+58.00	962		481	120			7	7	LT DASH RT SOLID
STA 253+58.00 TO STA 257+62.00	808			101			6	6	SKIP DASH
STA 257+62.00 TO STA 262+00.00	876	438		110			6	6	LT SOLID RT DASH
STA 262+00.00 TO STA 262+83.00	166	83	83				2	2	DOUBLE YELLOW
STA 262+83.00 TO STA 270+76.00	1586		793	198			10	10	LT DASH RT SOLID
STA 270+76.00 TO STA 275+37.00	922	461	461				6	6	DOUBLE YELLOW
STA 275+37.00 TO STA 283+74.00	1674	837		209			11	11	LT SOLID RT DASH
STA 283+74.00 TO STA 290+51.00	1354			169			9	9	SKIP DASH
STA 290+51.00 TO STA 296+14.00	1126		563	141			8	8	LT DASH RT SOLID
STA 296+14.00 TO STA 297+02.00	OMISSION								
STA 297+02.00 TO STA 305+67.00	1730	865	865				11	11	DOUBLE YELLOW
STA 305+67.00 TO STA 309+60.00	786	393		98			5	5	LT SOLID RT DASH
STA 309+60.00 TO STA 311+76.29	433	216	216		40		6	6	DOUBLE YELLOW/2 STOP BARS
RR AT 296+55									
2- 'X' (20')						108.0			
4- 'R' (6')						14.4			
6- 24" LINES					66				
SUBTOTAL	60177	3293	3462	7116	106	122.4	386	386	
TOTAL	74049				106	122.4	386	386	

MODEL: SCHEDULE-2 (Sheet)
FILE NAME: c:\p\work\pilot\code\mmd1043474\0978B14-ShtE-Schedules.dgn

SIDE ROAD SCHEDULE

LOCATION: FAP 869 (IL 14)			EXIST. SURFACE	EOP WIDTH	WIDTH AT 15' OFFSET	ROADWAY AREA	INCIDENTAL HMA SURFACING	BIT. MAT. (TACK COAT)	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP
			FOR INFORMATIONAL PURPOSE ONLY				TON	POUND	SQ YD	SQ YD
				FOOT	FOOT	SQ YD				
SIDE ROADS										
LT	WIDGEON RD	30+82	O & C	66	32	81.7	7	37	82	31
RT	CEMETERY ENTRANCE	44+40	AGG	42	16	48.3	9	22		20
RT	HYDE PARK RD	57+92	O & C	61	31	76.7	7	35	77	29
LT	HYDE PARK RD	57+96	O & C	68	31	82.5	7	38	83	32
RT	CREEK NATION BLKTP	84+92	HMA	65	39	86.7	8	39	87	31
RT	FISCHER LN	84+92	AGG	50	29	65.8	12	30		24
RT	RENFRO LAKE RD	165+68	O & C	58	28	71.7	7	33	72	27
LT	RENFRO LAKE RD	165+68	O & C	60	30	75.0	7	34	75	28
RT	SPELLER RD	192+37	AGG	43	20	52.5	9	24		20
LT	YELLOW BANKS RD	215+49	O & C	65	35	83.3	7	38	84	31
RT	YELLOW BANKS RD	215+49	O & C	73	38	92.5	8	42	93	34
RT	RICE LN	242+62	AGG	31	23	45.0	8	21		15
LT	RICE LN	242+66	AGG	55	27	68.3	12	31		26
TOTALS							108	424	653	348

MODEL: SCHEDULE-3 (Sheet)
FILE NAME: c:\p\work\p\work\code\mmd\043474\0878B14-Side-Schedules.dgn

ENTRANCE SCHEDULE

LOCATION: FAP 1973 (IL 184)		ENIRANCE TYPE	EXIST. SURFACE	EOS WIDTH	WIDTH AT OFFSET	ROADWAY AREA	INCIDENTAL HMA SURFACING	BIT. MAT. (TACK COAT)	AGG WEDGE SHOULDER , TYPE B
			FOR INFORMATIONAL PURPOSE ONLY						
			TYPE	(FT)	(FT)	(SQ YD)	TON	POUND	TON
ENTRANCES									
17+62	RT	FE	AGG	22	22	7.3			1
19+72	RT	PE	AGG	39	34	12.2			1
22+24	RT	FE	AGG	22	22	7.3			1
23+52	LT	FE	AGG	22	22	7.3			1
27+61	RT	PE	AGG	30	26	9.3			1
28+54	LT	FE	AGG	22	22	7.3			1
30+93	RT	FE	AGG	22	22	7.3			1
44+50	LT	FE	AGG	22	22	7.3			1
56+11	RT	PE	HMA	28	26	12.0	2	3	
62+94	RT	FE	AGG	22	22	7.3			1
70+66	RT	FE	AGG	22	22	7.3			1
70+80	LT	FE	AGG	22	22	7.3			1
72+65	RT	PE	AGG	28	26	9.0			1
75+43	RT	FE	AGG	22	22	7.3			1
82+96	LT	PE	AGG	37	32	11.5			1
85+12	LT	FE	AGG	22	22	7.3			1
98+77	LT	FE	AGG	22	22	7.3			1
123+27	LT	FE	AGG	22	22	7.3			1
128+29	RT	FE	AGG	22	22	7.3			1
142+67	LT	PE	AGG	28	26	9.0			1
142+81	RT	FE	AGG	22	22	7.3			1
172+91	LT	FE	AGG	22	22	7.3			1
172+91	RT	FE	AGG	22	22	7.3			1
180+80	LT	FE	AGG	22	22	7.3			1
182+75	RT	PE	AGG	34	30	10.7			1
193+53	LT	PE	AGG	25	23	8.0			1
200+27	RT	PE	AGG	39	36	12.5			1
204+09	LT	PE	AGG	34	32	11.0			1
208+02	LT	FE	AGG	22	22	7.3			1
208+02	RT	FE	AGG	22	22	7.3			1
224+85	RT	PE	AGG	38	34	12.0			1
236+24	LT	PE	AGG	20	18	6.3			1
253+58	RT	PE	AGG	25	23	8.0			1
254+88	LT	PE	PCC	44	40	18.7	2	5	
256+28	RT	PE	AGG	25	23	8.0			1
259+32	RT	FE	AGG	22	22	7.3			1
267+46	LT	PE	AGG	44	40	14.0			1
269+00	RT	PE	AGG	30	26	9.3			1
272+00	LT	PE	AGG	59	50	18.2			1
277+00	RT	PE	AGG	34	30	10.7			1
TOTAL							4	5	28

MODEL: SCHEDULE-J (Sheet)
FILE NAME: c:\p\work\pilotcode\mmd104347\0978B14-ShtE-Schedules.dgn

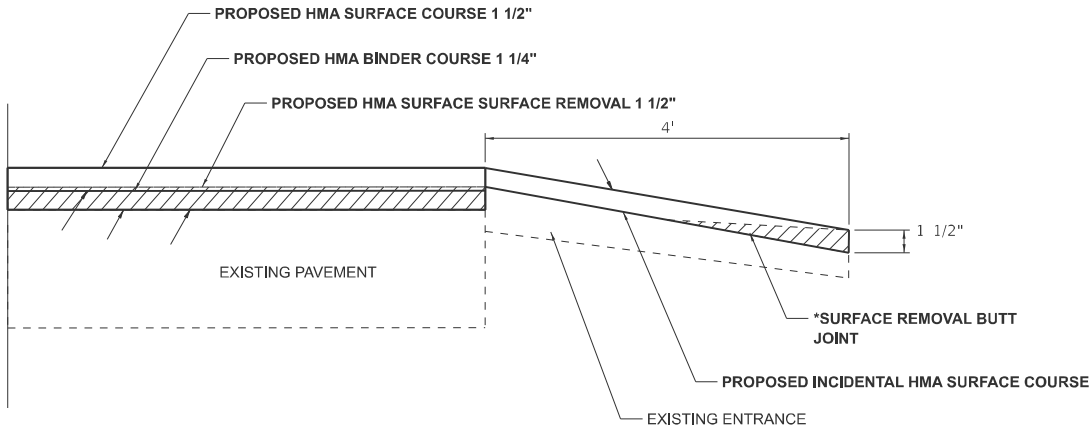
	USER NAME = mellissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE SCHEDULE			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					1973	116RS-3	FRANKLIN	21	16
		CHECKED -	REVISED -		SCALE:			CONTRACT NO. 78B14				
	PLOT DATE = 1/21/2025	DATE -	REVISED -		SHEET 1 OF 6 SHEETS			ILLINOIS FED. AID PROJECT				

PATCHING SCHEDULE

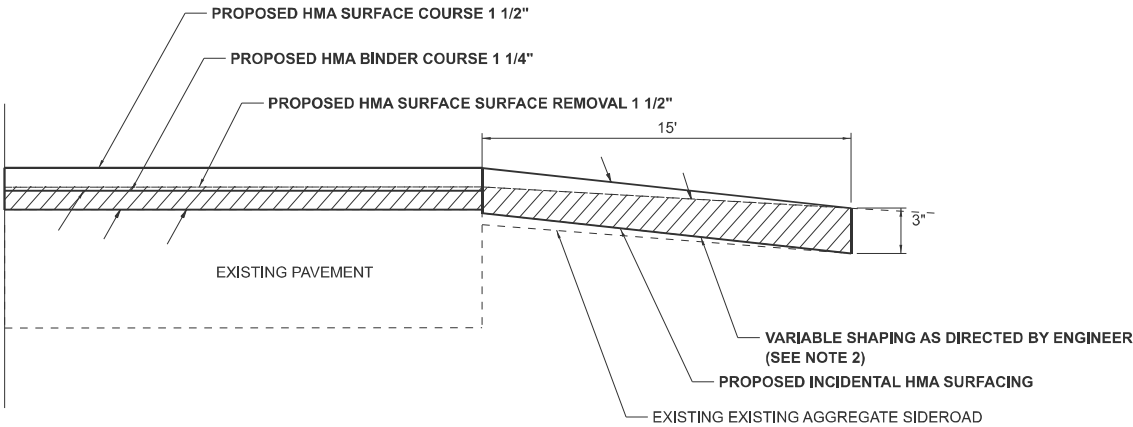
LOCATION	LENGTH	WIDTH	AREA	CLASS C, TY I, 13"	CLASS C, TY II, 13"	CLASS C, TY III, 13"	WELDED WIRE REINFORCEMENT
SOUTHBOUND LANE IL 184							
16+99	4	12	5.3		5.3		
48+35	5	12	6.7		6.7		
81+84	6	12	8.0		8.0		
124+93	15	6	10.0		10.0		
125+40	15	6	10.0		10.0		
152+77	6	12	8.0		8.0		
SUBTOTAL SB				0.0	48.0	0.0	0.0
STATION	FOOT	FOOT	SQ YD	SQYD	SQYD	SQYD	SQYD
NORTHBOUND LANE IL 184							
8+84	25	7	19.4			19.4	19.4
16+99	4	12	5.3		5.3		
48+35	4	12	5.3		5.3		
81+84	6	12	8.0		8.0		
133+92	6	10	6.7		6.7		
152+77	6	12	8.0		8.0		
275+93	6	6	4.0	4.0			
SUBTOTAL NB				4.0	33.3	19.4	19.4
TOTAL (SQ YD)				4	82	20	20

MODEL: SCHEDULE-2 (Sheet)
FILE NAME: c:\p\work\pilot\cdem\mid1043474\DS78B14-ShtE-Schedules.dgn

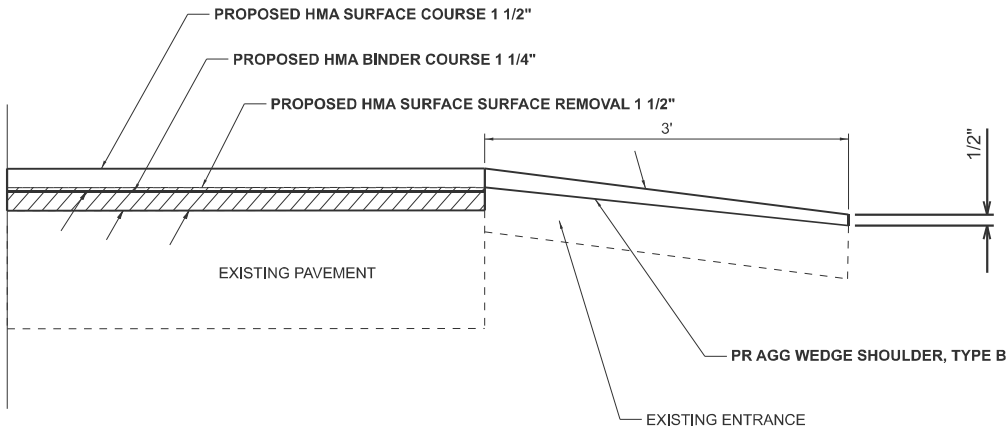
BITUMINOUS OR PCC ENTRANCE



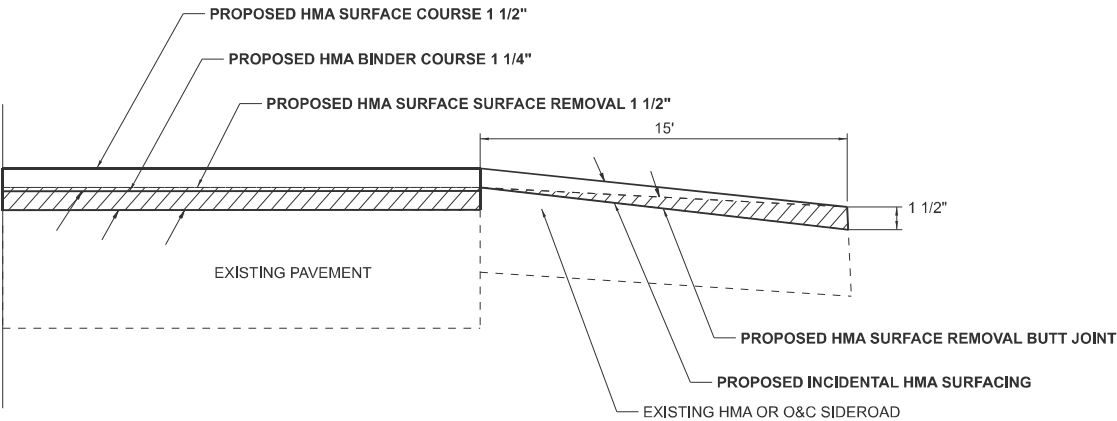
AGGREGATE SIDEROADS



AGGREGATE ENTRANCE



HMA, PCC OR OIL & CHIP SIDEROADS



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.

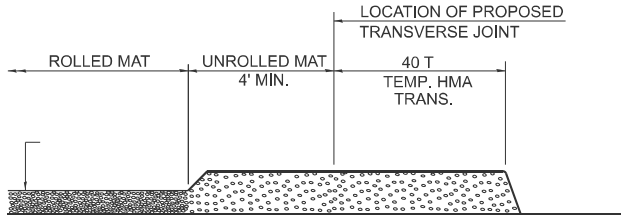
*SURFACE REMOVAL BUTT JOINT ON ENTRANCES IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACING.

MODEL: Details [Sheet]
FILE NAME: c:\paw\work\paw\code\mmd\043474\0978B14-Shs-Distrc\Sids.dgn

	USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEROAD AND ENTRANCE DETAILS		F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				1973	116RS-3	FRANKLIN	21	18
		CHECKED -	REVISED -				CONTRACT NO. 78B14				
	PLOT DATE = 1/21/2025	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET 1	OF 4	SHEETS	STA.	TO STA.					

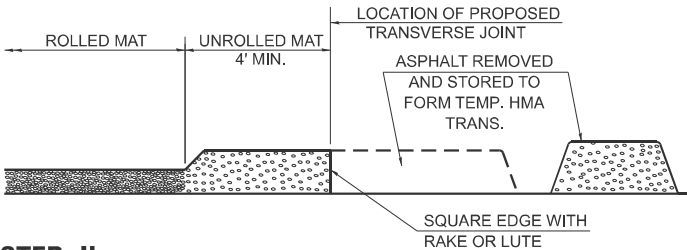
MODEL: Details-1 [Sheet]
FILE NAME: c:\pwwork\dwg\illco\demmd\043474\0978B14-ShtS-Distrc\StdS.dgn

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



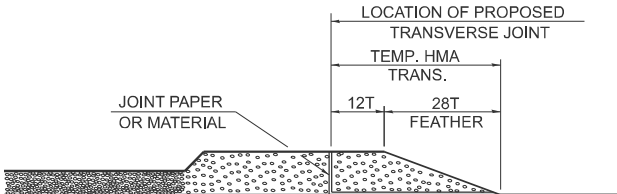
STEP I

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.



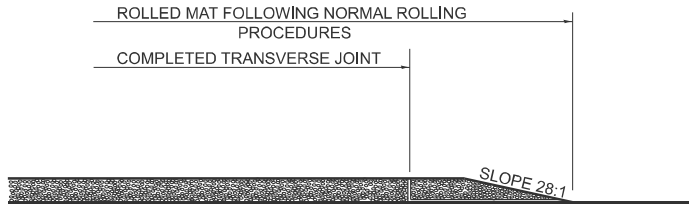
STEP II

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 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.



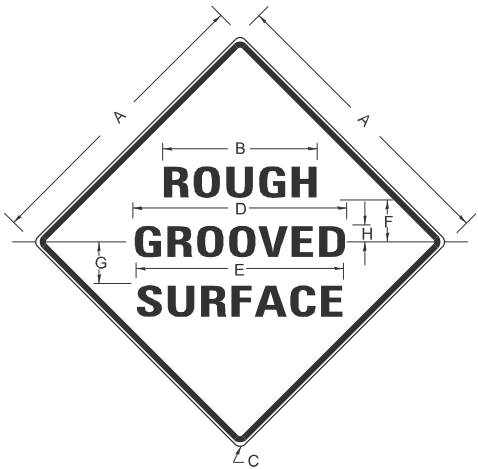
STEP IV

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

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.

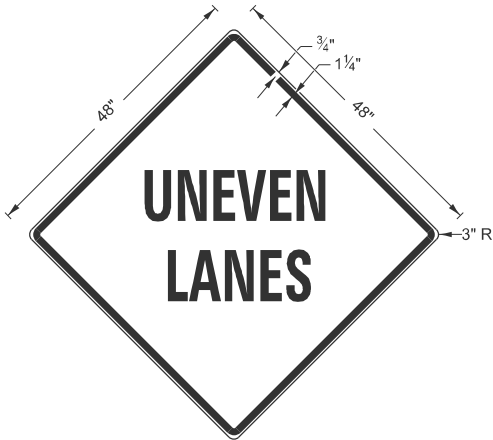
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

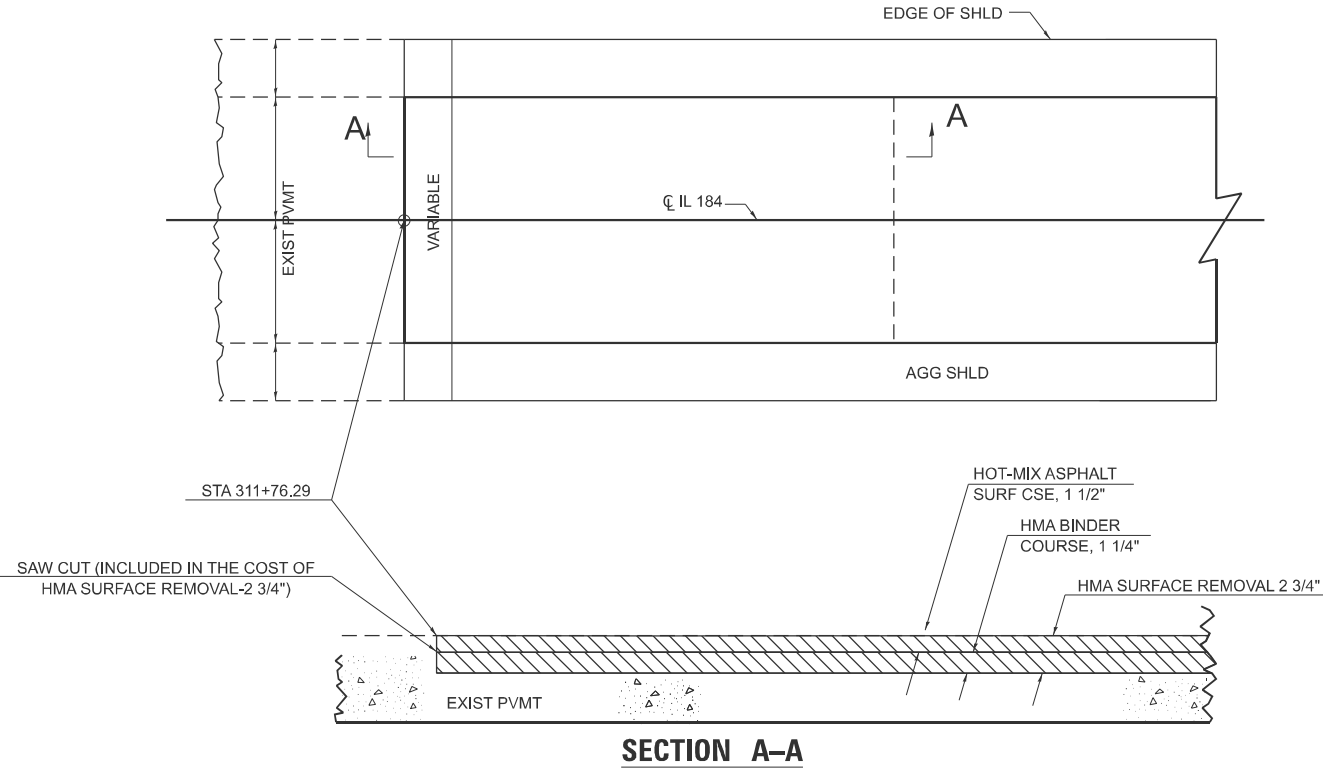
ROUGH GROOVED SURFACE, TEMPORARY HMA TRANSTITIONS,
AND UNEVEN LANES SIGN

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

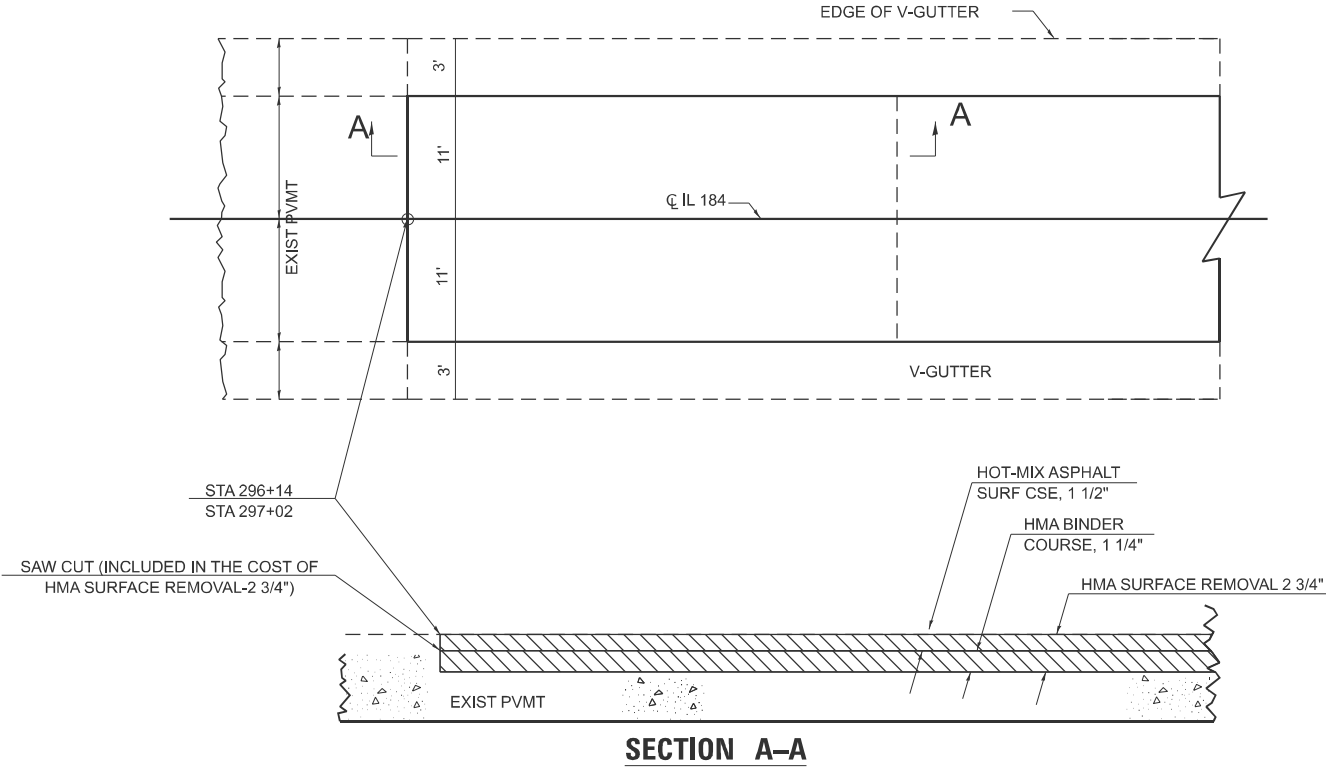
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1973	116RS-3	FRANKLIN	21	19
CONTRACT NO. 78B14				
ILLINOIS FED. AID PROJECT				

USER NAME = mellissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/21/2025	DATE -	REVISED -

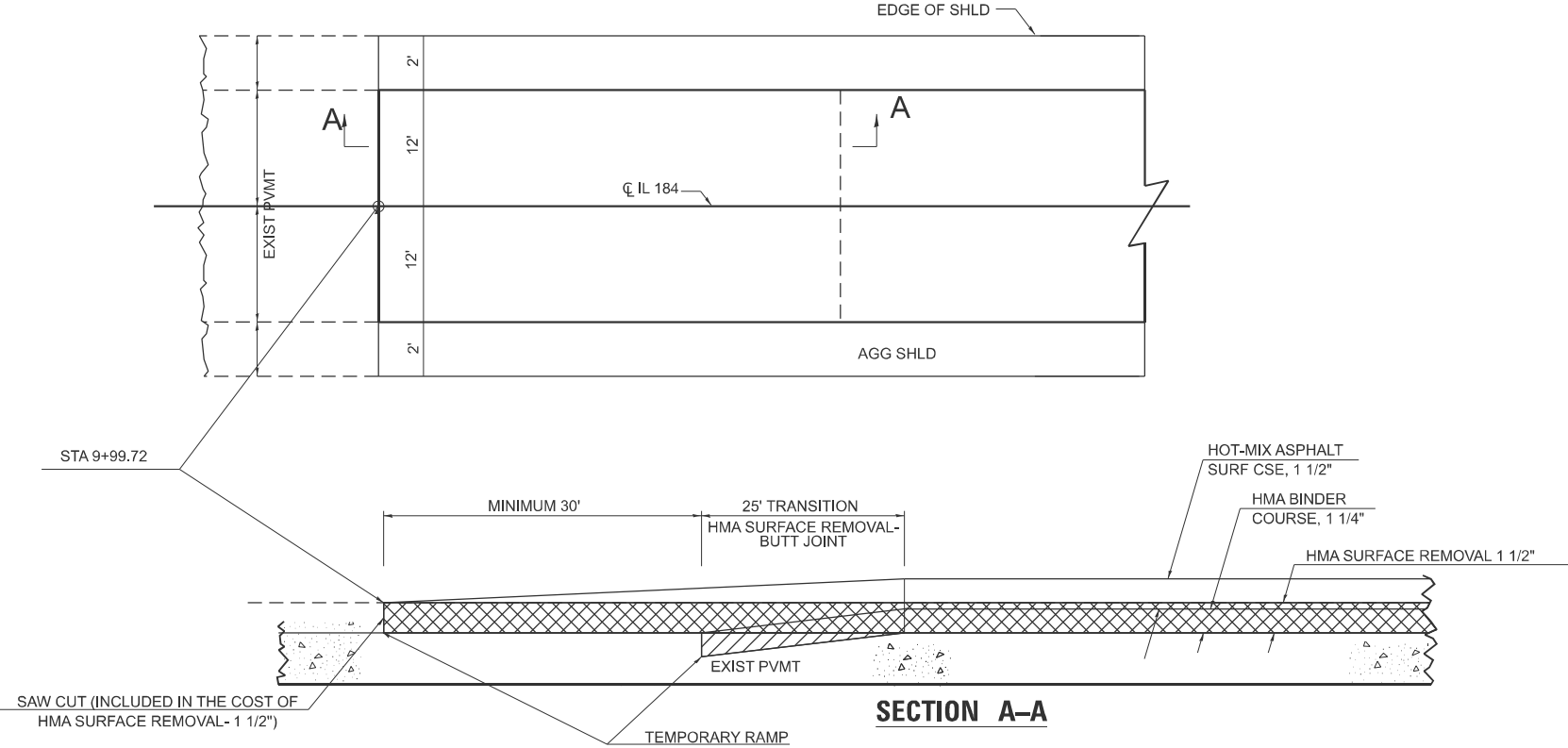
END OF PROJECT DETAIL



RR OMISSION DETAIL



BUTT JOINT WITH MILLING



MODEL: Details-2 (Sheet)
FILE NAME: c:\paw\work\project\code\mmd\1043474\0978B14-Shs-District\Shts.dgn

USER NAME = melissa.cole	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/31/2025	DATE -	REVISED -

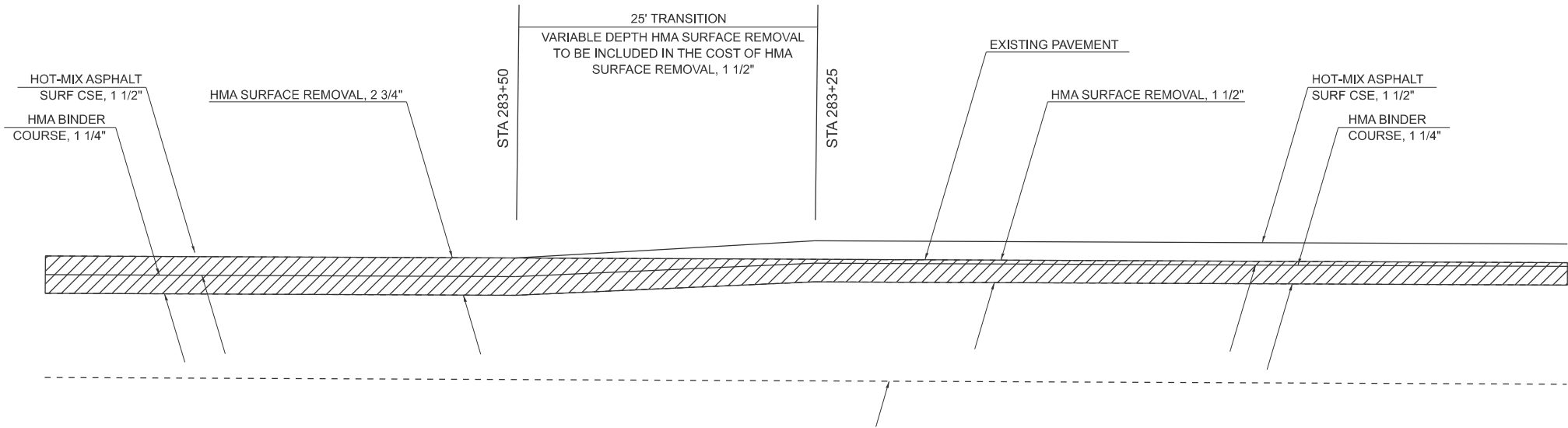
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT DETAIL

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

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1973	116RS-3	FRANKLIN	21	20
CONTRACT NO. 78B14				
ILLINOIS FED. AID PROJECT				

MILLING TRANSITION DETAIL



MODEL: Details-3 [Sheet]
FILE NAME: c:\p\work\p\work\code\mmd\1043474\0978B14-ShIS-District\S\rs.dgn

	USER NAME = melissa.cole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MILLING TRANSITION DETAIL			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					1973	116RS-3	FRANKLIN	21	21
		CHECKED -	REVISED -					CONTRACT NO. 78B14				
	PLOT DATE = 1/21/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 4	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	