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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

332 (29,29X,30,100,101-2)RS-2 19 1

| LUNOIS CONTRACT NO. 78B09

*CALINE CALLATIN & WHITE

D-99-015-25



LOCATION OF SECTION INDICATED THUS: - -

FOR INDEX OF SHEETS, SEE SHEET NO. 3

2023 TRAFFIC DATA

ADT=3,750 WITH 16.40% TRUCKS

TOWNSHIPS

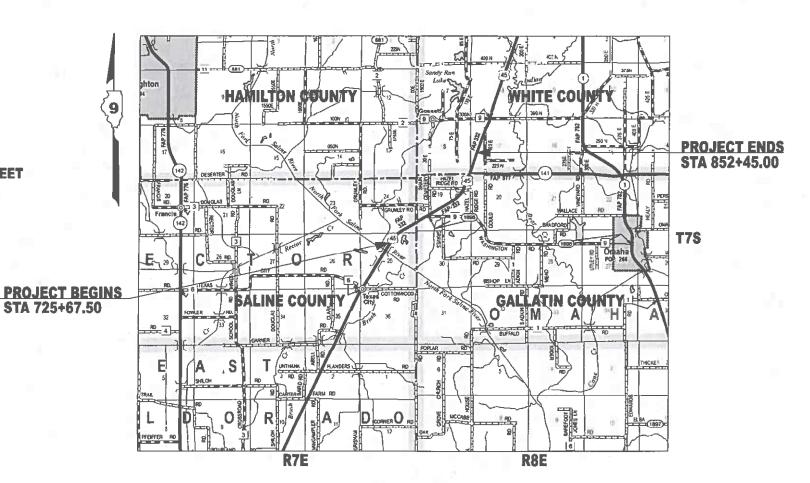
RECTOR, OMAHA & INDIAN CREEK

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

PROPOSED HIGHWAY PLANS

FAP ROUTE 332 (US 45)
SECTION (29,29X,30,100,101-2)RS-2
NHPP-RV5G(847)
RESURFACING
SALINE, GALLATIN & WHITE COUNTY

C-99-043-25



PROJECT ENGINEER NATHAN TAYLOR PROJECT MANAGER NADIA MCMICHAEL

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION

GROSS LENGTH = 12677.500 FT = 2.401 MILE NET LENGTH = 12677.500 FT = 2.401 MILE

CONTRACT NO. 78B09

1-800-892-0123 OR 811

POSTED SPEED: 55 MPH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 16 20 2.5

REGIONAL ENGINEER
March 21 20 25

ENGINEER OF DESIGN AND ENVINOUMENT

March 21 25

DIRECTOR OF HIGHWAYS PROJECT INFLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

Prepared By:

Examined By: Manager DISTRICT LAND ACQUISITION ENGINEER

Examined By: Olistrict PROGRAM DEVELOPMENT ENGINEER

Examined By: DISTRICT OPERATIONS ENGINEER

Examined By:

DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Burwill

DISTRICT CONSTRUCTION ENGINEER

Examined By:

ISER NAME - Nadla McMlchael DESIGNED -SIGNATURE SHEET DRAWN -REVISED STATE OF ILLINOIS (29,29X,30,100,101-2)RS-2 REVISED CHECKED -**DEPARTMENT OF TRANSPORTATION** OF 19 SHEETS STA.

HIGHWAY STANDARDS

000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 001006 DECIMAL OF AN INCH AND OF A FOOT 406201-01 MAILBOX TURNOUT 442201-03 CLASS C & D PATCHES 482011-03 HMA SHOULDER, STRIPS SHOULDERS, WITH RESURFACING OR WIDENING & RESURFACING PROJECTS 630001-13 STEEL PLATE BEAM GUARDRAIL 630301-09 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS 635001-02 DELINEATORS 642006-01 SHOULDER RUMBLE STRIPS, 8 IN 701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS 45 MPH OR MORE 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 725001-01 OBJECT AND TERMINAL MARKERS 780001-05 TYPICAL PAVEMENT MARKINGS 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

INDEX OF SHEETS

SHEET NO	DESCRIPTION
STILLT NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	HIGHWAY STANDARDS, INDEX OF SHEETS, GENERAL NOTES, & COMMITMENTS
4	MIX DESIGN & MTD RESTRICTIONS
5-7	SUMMARY OF QUANTITIES
8-9	TYPICAL SECTIONS: US 45
10-14	SCHEDULE OF QUANTITIES
15	PLAN SHEET: US 45
16-19	DETAILS

GENERAL NOTES

 $_{\rm 1}$ 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 ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 10%. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.
- $_{\rm 3}$ 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 4 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
- 5 LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE HMA SURFACE COURSE
- $_{\rm 6}$ 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 7 ADJACENT TRAFFIC LANE, THE MAINLINE QUALITY MANAGEMENT PROGRAM WILL BE ENFORCED FOR THE MAINLINE AND SHOULDERS.

8 COMMITMENTS: NONE

REV - MS

user name = Nadia.McMichae I	DESIGNED -	REVISED -			HI GHWAY STANDARDS, INDEX OF SHEETS, GENERAL NOTES, & COMMITMENTS			F.A.P	SECTION	C CUNTY	TOTAL	SHEE		
	DRAWN -	REVISED _	STATE OF ILLING S				332	(29.29X.30.100.101-2)RS-2		19	3			
	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					(, , , , , ,	CONTRAC	T NO. 78B	09			
PLOT DATE = 1/9/2025	DATE -	REVISED _		SCALE:	SHEET 3	OF 19	SHEETS STA.		TO STA.		ILLINOIS FED. A	D PROJECT		

MODEL: INDE

*SALINE, GALLATIN & WHITE

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 D, N70			
AB/PG:	PG64-22			
ABR % (Max):				
Design Air Voids:	4.0%, 70 Gyration Design			
Mixture Composition:	IL-9.5mm			
(Gradation Mixture)	IL-9.3IIIII			
Friction Aggregate:	Mix D			
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
ABR % (Max):	
Design Air Voids:	4.0%, 70 Gyration Design
Mixture Composition:	IL-9.5mm Fine Graded
(Gradation Mixture)	ic-s.onini 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	Hot-Mix Shoulders, Incidental HMA Surfacing			
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N30			
AB/PG:				
ABR % (Max):	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											
			EXISTING FILL	THICKNESS OF	MAXIMUM	MTD CROSSING					
STRUCTUR	STRUCTURE NUMBER & CENTERLINE STATION					EXISTING PAVEMENT	WEIGHT	RESTRICTIONS APPLICABLE UNDER THE FOLLOWING			
CENTERLI						OVER BOX CULVERT	RESTICTIONS				
			(FOOT) (FOOT)		(TONS)	CONDITIONS					
US 45 SALINE AND	GALLA1	TIN COUNTY									
SN 083-0002	STA	704+60.84	N/A	N/A	40	Emptied *					
SN 083-0074 STA 704+60.84		N/A	N/A N/A		Emptied *						
SN 083-0001	STA	721+23.0	N/A	N/A	40	Emptied *					
SN 083-0073	STA	721+23.00	N/A	N/A	40	Emptied *					

USER NAME = Nadia.McMichael DESIGNED -REVISED -DRAWN -REVISED CHECKED -REVISED PLOT DATE = 1/9/2025 DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

SECTION HMA MIXTURE REQUIREMENTS & RTE. SECTION 332 (29,29X,30,100,101-2)RS-2 MTD RESTRICTIONS CONTRACT NO. 78B09 SHEET 4 OF 19 SHEETS STA. TO STA.

TOTAL SHEET NO.

SUMMARY OF QUANTITIES

ITEM DESCRIPTION

CODE

NUMBER

40600290

40600370

40600405

40600982

40600990

40602970

40604062

40800050

44000155

44000160

44201435

44201437

44201439

BITUMINOUS MATERIALS (TACK COAT)

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70

INCIDENTAL HOT-MIX ASPHALT SURFACING

HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

CLASS C PATCHES, TYPE I, 17 INCH

CLASS C PATCHES, TYPE II, 17 INCH

CLASS C PATCHES, TYPE III, 17 INCH

HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

LONGITUDINAL JOINT SEALANT

MATERIAL TRANSFER DEVICE

TEMPORARY RAMP

	COUNTY:	SALINE CO	GALLATIN CO	WHITE CO
	ROUTE:	FAP 332	FAP 332	FAP 332
	FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
	LOCATION:	RURAL	RURAL	RURAL
UNIT	TOTAL	ROADWAY	ROADWAY	ROADWAY
UNIT	QUANTITY	0005	0005	0005
POUND	24597	7070	14216	3311
FOOT	12678	3733	7106	1839
TON	5450	1616	3069	765
SQ YD	669	157	488	24
SQ YD	193	50	81	62
TON	2495	740	1405	350
TON	2955	876	1664	415
TON	111	27	84	
SQ YD	31687	10369	21318	
SQ YD	4904			4904
SQ YD	28		28	
SQ YD	709	90	619	
SQ YD	65	21	44	

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USER NAME = Nadia.McMichael	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/9/2025	DATE -	REVISED -

SCALE:

S	UMMARY	OF QUA	NTITIES		F.A.P RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
					332	(29,29X,30,100,101 - 2)F	RS-2	*	19	5
								CONTRACT	NO. 78	309
SHEET 5	OF 19	SHEETS	STA.	TO STA.		ILLINOIS	FED All	PROJECT		

				FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
_				LOCATION:	RURAL	RURAL	RURAL
	CODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY	ROADWAY	ROADWAY
	NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	0005	0005	0005
ſ							
ŀ	44201441	CLASS C PATCHES, TYPE IV, 17 INCH	SQ YD	260	71	189	
ŀ	44201441	CLAGG C FATGILES, TIFE IV, 17 INGIT	30 10	200	, ,	109	
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	252	89	163	
ŀ			1				
ŀ			.				
	48203100	HOT-MIX ASPHALT SHOULDERS	TON	409		409	
*	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1420	1420		
.		OTELET BATE BEAM GOALGAAL, THE EA, OT GOTT GOTG	1001	7120	1120		
L							
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2		
ŀ							
ŀ							
L	63200310	GUARDRAIL REMOVAL	FOOT	1470	1470		
ŀ	64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	4557		4557	
ŀ		,					_
L							
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	0.5	1	0.5
ı							
ŀ	67100100	MOBILIZATION	LCLIM	ď	0.25	0.5	
ŀ	67 100 100	NOBILIZATION	LSUM	1	0.25	0.5	0.25
Ī	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	0.25	0.5	0.25
ŀ							
- }			W 100 WARR DAY	× 1	90 - NOTE:	SEE 70 W	
	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	0.25	0.5	0.25
ŀ	70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	LSUM	1	0.25	0.5	0.25
┟		The state of the s			5.20	5.0	
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	7	14	7
l							
L		<u> </u>					

* SPECIALTY ITEM

JSER NAME = Nadia.McMichael DESIGNED -REVISED -DRAWN -REVISED . CHECKED -REVISED -PLOT DATE = 1/9/2025 DATE

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION SUMMARY OF QUANTITIES RTE. SECTION 332 (29,29X,30,100,101-2)RS-2 SHEETS NO. CONTRACT NO. 78B09 SHEET 6 OF 19 SHEETS STA. TO STA.

WHITE CO

FAP 332

SUMMARY OF QUANTITIES - CONTD

ITEM DESCRIPTION

	COUNTY:	SALINE CO	GALLATIN CO	WHITE CO
	ROUTE:	FAP 332	FAP 332	FAP 332
	FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
	LOCATION:	RURAL	RURAL	RURAL
UNIT	TOTAL	ROADWAY	ROADWAY	ROADWAY
ONL	QUANTITY	0005	0005	0005
FOOT	3463	1018	1942	503
SQ FT	1159	340	650	169
FOOT	36944	8399	22886	5659
EACH	2	2		
FOOT	36944	8399	22886	5659
EACH	164	47	93	24
EACH	7	7		
EACH	164	47	93	24
SQ FT	12318	2800	7631	1887
SQ YD	67		67	

* SPECIALTY ITEM

CODE

NUMBER

70300100

70300150

70300221

72501000

78000200

78100100

78200005

78300200

78300201

SHORT TERM PAVEMENT MARKING

TERMINAL MARKER - DIRECT APPLIED

SHORT TERM PAVEMENT MARKING REMOVAL

TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT

THERMOPLASTIC PAVEMENT MARKING - LINE 4"

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

PAVEMENT MARKING REMOVAL - GRINDING

RAISED REFLECTIVE PAVEMENT MARKER

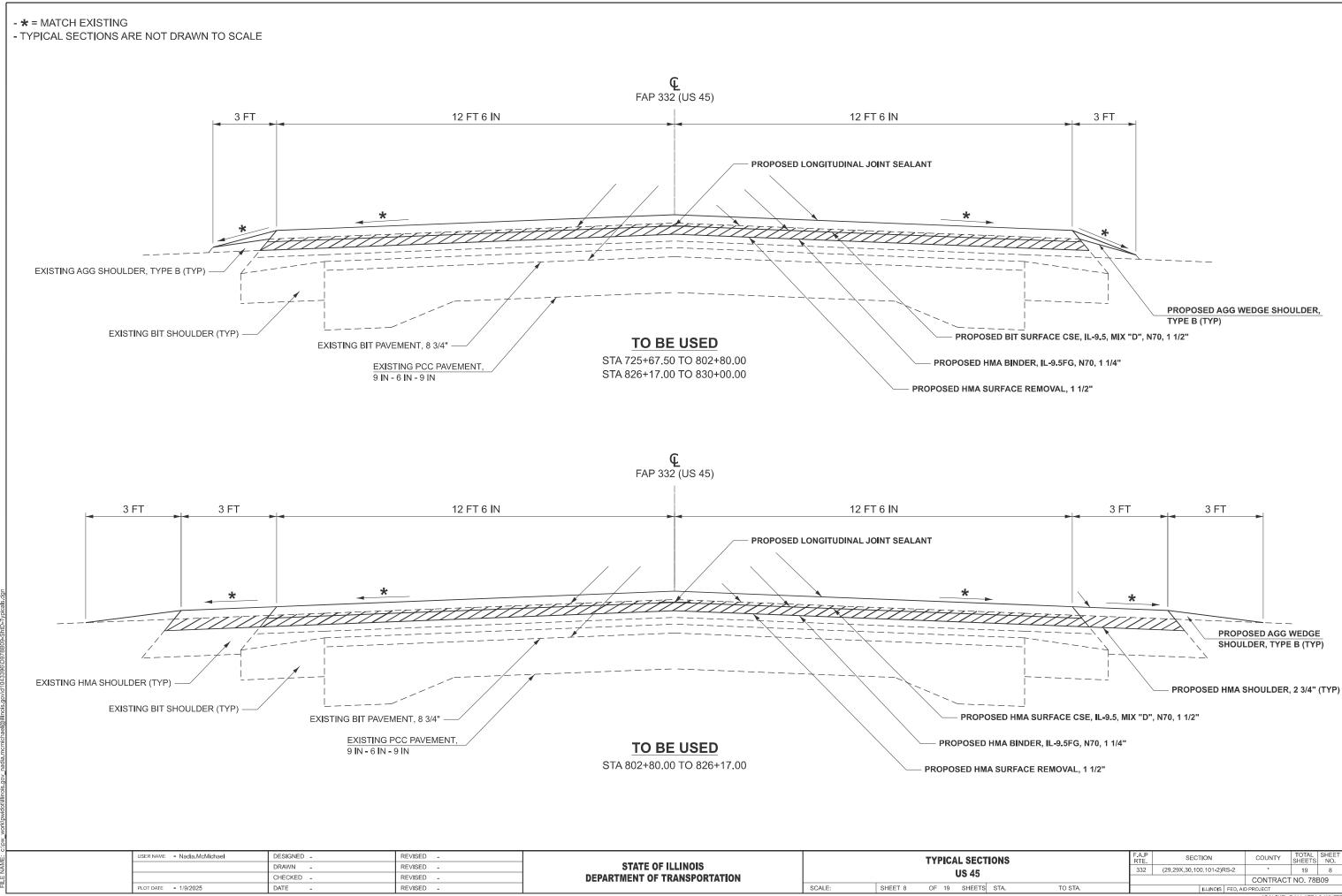
GUARDRAIL REFLECTORS, TYPE A

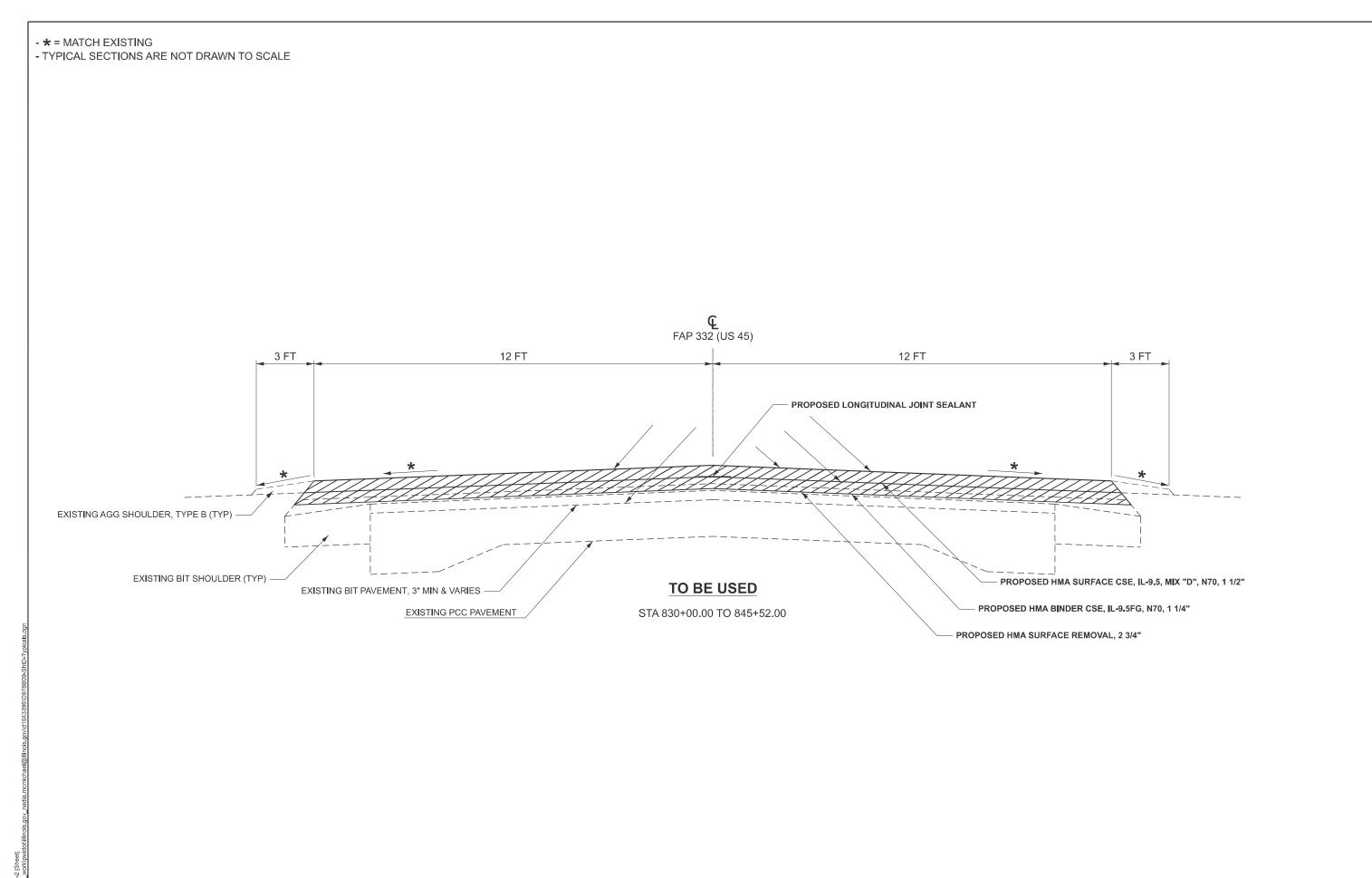
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	700
neet]	aioul/howidot/illinois
SOQ-2 [Sheet]	/W/W/-0
S	Ė
MODEL:	FII F NAME

USER NAME = Nadia.McMichael	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/21/2025	DATE -	REVISED -

SCALE:

SU	IMMARY	OF QUA	NTITIE	S		F.A.P RTE.	SEC.	TION		COUNTY	TOTAL SHEETS	SHEET NO.
						332	(29,29X,30,10	0,101 - 2)F	RS-2	*	19	7
										CONTRACT	NO. 78F	309
SHEET 7	OF 19	SHEETS	STA.		TO STA.			ILLINOIS	FED. AII	PROJECT		





JSER NAME = Nadia.McMichael

PLOT DATE = 1/9/2025

DESIGNED -

CHECKED -

DRAWN

DATE

REVISED

REVISED

REVISED

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

 TYPICAL SECTIONS
 F.A.P. RTE.
 SEC

 332
 (29,29X,30,1

SHEET 9 OF 19 SHEETS STA. TO STA.

*SALINE, GALLATIN & WHITE

			Н	MA PAV	EMENT S	CHEDU	LE				
LOCATION	PAVEMENT LENGTH	PAVEMENT WIDTH	HMA SURFACE REMOVAL,	HMA SURFACE REMOVAL,	HMA SURFACE	HMA BINDER CSE,	HMA SURFACE CSE,	MATERIAL TRANSFER	LONGITUDINAL JOINT	BITUMINOUS MATERIALS	TEMPORARY RAMP
LOCATION STATION TO STATION	FOR INFORMATION	ONAL USE ONLY	(1 1/2")	(2 3/4")	REMOVAL, VARIABLE DEPTH	IL-9.5FG, N70 (1 1/4")	MIX D, N70 (1 1/2")	DEVICE	SEALANT	(TACK COAT)	KAMP
	(FOOT)	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(TON)	(TON)	(FOOT)	(LB)	(SQ YD)
US 45 SALINE, GALLATIN 8	WHITE COUNTY										
725+67.50 TO 763+00.00	3733	25	10369			740	876	1616	3733	6999	14
SALINE	COUNTY SUBTOTAL		10369			740	876	1616	3733	6999	14
763+00.00 TO 830+00.00	6700	25	18612			1327	1572	2899	6700	12563	
830+00.00 TO 834+06.00	406	24	1083		67	78	92	170	406	731	
GALLAT	IN COUNTY SUBTOTAL		19695		67	1405	1664	3069	7106	13294	
834+06.00 TO 852+45.00	1839	24		4904		350	415	765	1839	3311	25
WHITE	COUNTY SUBTOTAL			4904		350	415	765	1839	3311	25
	TOTAL		30064	4904	67	2495	2955	5450	12678	23604	39

				S	HOULDE	R SCHE	DULE			
LO STATION	CATIO		PAVEMENT LENGTH	AGG SHOULDER WIDTH	HMA SHOULDER WIDTH	AGG WEDGE SHOULDER, TYPE B	HMA SURFACE REMOVAL, 1 1/2"	BITUMINOUS MATERIALS (TACK COAT)	HMA SHOULDER	SHOULDER RUMBLE STRIPS, 8 INCH
J STATION	1100	TATION	FOR IN	FORMATIONAL US	E ONLY	25	,_	(ment sent)		o iitoi.
			(FOOT)	(FOOT)	(FOOT)	(TON)	(SQ YARD)	(LB)	(TON)	(FOOT)
US 45 SALIN	NE&	GALLATIN C	OUNTY							
725+67.50	ТО	763+00.00	3733	3		89				
			SALINE COUNTY SU	BTOTAL		89				
763+00.00	ТО	802+80.00	3980	3		95				
802+80.00	ТО	826+17.00	2337	3	3	56	1623	702	409	4557
826+17.00	ТО	831+00.00	483	3		12				
	GALLATIN COUNTY SUBTOTAL						1623	702	409	4557
			TOTAL			252	1623	702	409	4557

MODEL: HMAAND SHOULDER SCHEDULE [Sheet]
FILE NAME: c:\pw work\pwidot\tillinois.gov nadia.mcmichael@

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

				ENTR	ANCE AND	SIDE	ROAD S	CHEDU	LE			
					FOR INFORMATION	8	BITUMINOUS	INCIDENTAL LINA		UMA QUIDEAGE		
STATION ROAD NAME		LOCATION LT/RT	ENTRANCE TYPE	EXISTING SURFACE	EDGE OF PAVEMENT WIDTH	PAVEMENT LENGTH	END OF TAPER WIDTH	MATERIALS (TACK COAT)	INCIDENTAL HMA SURFACING	TEMPORARY RAMP	HMA SURFACE REMOVAL - BUTT JOINT	
				CON ACE	(FOOT)	(FOOT)	(FOOT)	(LB)	(TON)	(SQ YD)	(SQ YD)	
US 45 SAI	INE, GALLATIN & WHIT	E COUNTY										
757+65.00		RT	PE	НМА	50	4	30	8	3	11	18	
762+82.00	GRUMLEY ACCESS ROAD	RT	SR	HMA	72	15	28	38	14	15	84	
763+10.00	GRUMLEY ACCESS ROAD	LT	SR	HMA	45	15	20	25	10	10	55	
			SALINE CO	DUNTY SUBTOTA	\L			71	27	36	157	
774+24.00	WASHINGTON ROAD	RT	SR	HMA	135	15	86	83	31	29	185	
777+75.00	SHAIN CEMETERY ROAD	RT	SR	HMA	40	15	23	24	9	9	53	
778+00.00	SHAIN CEMETERY ROAD	LT	SR	HMA	82	15	40	46	18	18	102	
816+14.00	HAZEL RIDGE ROAD	LT	SR	HMA	55	15	25	30	12	12	67	
816+78.00	HAZEL RIDGE ROAD	RT	SR	HMA	62	15	35	37	14	13	81	
			GALLATIN (COUNTY SUBTO	ΓAL			220	84	81	488	
847+52.00		RT	PE/MB	AGG	95	3	45			37	24	
			WHITE CO			37	24					
	TOTAL 291 111 154 669											

		GUA	ARDRAIL SO	CHEDULE			
LOCATION STATION TO STATION	LOCATION LT/RT	GUARDRAIL REMOVAL	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL TANGENT	GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKER, DIRECT APPLIED	
		(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	
US 45 SALINE COUNTY							
731+22.00 TO 731+47.00	LT	25		1	1	1	
731+47.00 TO 745+67.00	LT	1420	1420		5		
745+67.00 TO 745+92.00	LT	25		1	1	1	
SALINE COUNTY SUB	TOTAL	1470	1420	2	7	2	
PROJECT TOTAL	L	1470	1420	2	7	2	

MODEL: ENTRANCE AND SIDE ROAD SCHEDULE [Sheet]

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE:

* PATCHING SCHEDULE REGINS	AT STA 830±00 00 AND PROCEEDS	SOUTH TO PROJECT REGINNING

	i	PATCI	HING	SCHE	DULE	CONT)	
LANE	DISTANCE FROM STA 830+00.00	LENGTH	WIDTH	AREA	CLASS C PATCHES, TYPE I, 17 INCH	CLASS C PATCHES, TYPE II, 17 INCH	CLASS C PATCHES, TYPE III, 17 INCH	CLASS C PATCHES, TYPE IV, 17 INCH
	(MILES)	(FOOT)	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
US 45 SALIN	E & GALLATIN	COUNTY						
SB	0.3	8	12	11		11		
SB	0.4	6	12	8		8		
SB	0.5	10	12	14	_	14		
SB	0.5	6	12	8		8		
SB	0.6	10	12	14	_	14		
SB	0.6	10	12	14	 	14		
SB	0.6	6	12	8	_	8		
SB	0.6	10	12	14	_	14		
SB	0.7	6	12	8	_	8		
SB	0.7	6	12	8		8		
SB	0.9	6	12	8		8		
SB	0.9	8	12	11	-	11		
SB	0.9	6	12	8	_	8		
SB	1	6	12	8	_	8		
SB	1.2	6	12	8	_	8		
SB	1.2	8	12	11		11		
SB	1.2	6	12	8		8		
	SUBTOTAL FO	OR GALLATIN O	70.0000		24	538	38	164
SB	1.3	8	12	11		11		
SB	1.3	4	12	6	_	6		
SB	1.3	15	4	7		7		
SB	1.3	40	4	18			18	
SB	1.3	6	12	8		8		
SB	1.4	6	12	8		8		
SB	1.4	6	12	8		8		
SB	1.4	6	12	8		8		
SB	1.5	8	12	11		11		
SB	1.6	75	4	34				34
SB	1.6	60	4	27				27
SB	1.7	8	12	11		11		
		OR SALINE CO				78	18	61
		CT SUBTOTAL			24	616	56	225
	PRO	JECT TOTAL			28	709	65	260

^{*} A 15% GROWTH FACTOR WAS APPLIED TO THE PROJECT SUBTOTAL TO DETERMINE PROJECT TOTAL

SCALE:

	PATCHIN	NG SCHI	EDULE		F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
					332	(29,29X,30,100,101-2)RS-2	*	19	12
							CONTRACT	NO. 78	309
SHEET 12	OF 19	SHEETS	STA	TO STA.		ILLINOIS EED AL	D DDO JECT		

	TEN	MPORA	RY PA	VEMEN	T MAF	RKING SC	HEDULE		
		TE	ADA WEWESTER DE E A. 191 DE	VEMENT MARKI NE 4"	NG	TEMPORARY PAVEMENT	SHORT TERM	SHORT TERM	
LOCATION	LENGTH		YELLOW		WHITE	MARKING	PAVEMENT	PAVEMENT MARKING	DEMARKS
STATION TO STATION		DBL SOLID	SOLID	SKIP DASH	SOLID	REMOVAL (GRINDING)	MARKING	REMOVAL	REMARKS
	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(FOOT)	(SQ FT)	
JS 45 SALINE, GALLATIN & V	WHITE COUNTY		1			1			
725+67.50 TO 763+00.00	3733			934	7465	2800	1018	340	PASS ZONE
SALINE COUNTY SUBTOTAL	3733			934	7465	2800	1018	340	
SALINE COUNTY TOTAL	3733			8399		2800	1018	340	
763+00.00 TO 768+00.00	500			125	1000	375	137	46	PASS ZONE
768+00.00 TO 773+00.00	500		500	125	1000	542	137	46	NB LN NO PASS ZONE
773+00.00 TO 775+40.00	240	480			480	320	66	22	NO PASS ZONE
775+40.00 TO 783+00.00	760		760	190	1520	824	208	70	SB LN NO PASS ZONE
783+00.00 TO 791+60.00	860			215	1720	645	235	79	PASS ZONE
791+60.00 TO 802+80.00	1120		1120	280	2240	1214	306	102	NB LN NO PASS ZONE
802+80.00 TO 819+80.00	1700	3400			3400	2267	464	155	NO PASS ZONE
819+80.00 TO 831+02.00	1122		1122	281	2244	1216	306	102	SB LN NO PASS ZONE
831+02.00 TO 834+06.00	304			76	608	228	83	28	PASS ZONE
GALLATIN COUNTY SUBTOTAL	7106	3880	3502	1292	14212	7631	1942	650	
GALLATIN COUNTY TOTAL	7106		2	22886		7631	1942	650	
834+06.00 TO 842+82.00	876			219	1752	657	239	80	PASS ZONE
842+82.00 TO 849+66.00	684		760	171	1368	767	187	63	NB LN NO PASS ZONE
849+66.00 TO 851+75.00	209			53	418	157	57	19	PASS ZONE
851+75.00 TO 852+45.00	70		760	18	140	306	20	7	SB LN NO PASS ZONE
WHITE SUBTOTAL	1839		1520	461	3678	1887	503	169	
WHITE COUNTY TOTAL	1839		,	5659		1887	503	169	
PROJECT TOTAL	12678		3	86944		12318	3463	1159	

:L: TEMPORARY PAVEMENT MARKING SCHEDULE [Sheet] VAME: c:\pw_work\pwidot\illinois.gov_nadia.mcmichael@illinois.gov\d1043396\D978B09-

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE:

TEMPORARY PAVEMENT MARKING SCHEDULE						F.A.P RTE.			COUNTY	TOTAL SHEETS	SHEE		
						332	(29,29X,30,100,101-2)RS-2		*	19	13		
	COLLEGE										CONTRACT	NO. 78	309
	SHEET 13	OF	19	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT						

PAVEMENT MARKING SCHEDULE											
		THERMO	PLASTIC P	AVEMENT N	MARKING	RAISED					
		LINE 4"			REFLECTIVE	RAISED					
LOCATION	LENGTH	YELLOW			WHITE	PAVEMENT	REFLECTIVE				
STATION TO STATION		DBL SOLID	SOLID	SKIP DASH	SOLID	MARKER REMOVAL	PAVEMENT MARKER	REMARKS			
	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	EACH	EACH				
US 45 SALINE, GALLATIN	WHITE COU	NTY	N 192	200		-					
725+67.50 TO 763+00.00	3733			934	7465	47	47	PASS ZONE			
SALINE COUNTY SUBTOTAL	3733			934	7465	47	47				
SALINE COUNTY TOTAL	3733		83	199		47	47				
763+00.00 TO 768+00.00	500			125	1000	7	7	PASS ZONE			
768+00.00 TO 773+00.00	500		500	125	1000	7	7	NB LN NO PASS ZONE			
773+00.00 TO 775+40.00	240	480			480	3	3	NO PASS ZONE			
775+40.00 TO 783+00.00	760		760	190	1520	10	10	SB LN NO PASS ZONE			
783+00.00 TO 791+60.00	860			215	1720	11	11	PASS ZONE			
791+60.00 TO 802+80.00	1120		1120	280	2240	14	14	NB LN NO PASS ZONE			
802+80.00 TO 819+80.00	1700	3400			3400	22	22	NO PASS ZONE			
819+80.00 TO 831+02.00	1122		1122	281	2244	15	15	SB LN NO PASS ZONE			
831+02.00 TO 834+06.00	304			76	608	4	4	PASS ZONE			
GALLATIN COUNTY SUBTOTAL	. 7106	3880	3502	1292	14212	93	93				
GALLATIN COUNTY TOTAL	7106		22	886		93	93				
834+06.00 TO 842+82.00	876			219	1752	11	11	PASS ZONE			
842+82.00 TO 849+66.00	684		760	171	1368	9	9	NB LN NO PASS ZONE			
849+66.00 TO 851+75.00	209			53	418	3	3	PASS ZONE			
851+75.00 TO 852+45.00	70		760	18	140	1	1	SB LN NO PASS ZONE			
WHITE SUBTOTAL	1839		1520	461	3678	24	24				
WHITE COUNTY TOTAL	1839		56	559		24	24				
PROJECT TOTAL	12678		36	944		164	164				

ODEL: PAVEMENT MARKING SCHEDULE [Sheet] I F NAMF: cylony worthouiddyllllingis govynadia momichaet@illingis govydd10/3398\D978F

 USER NAME
 = Nadia.McMichael
 DESIGNED
 REVISED

 DRAWN
 REVISED

 CHECKED
 REVISED

 PLOT DATE
 = 1/9/2025
 DATE
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

 PAVEMENT MARKING SCHEDULE
 F.A.P. RTE.
 SECTION
 COUNTY
 TOTAL SHEETS NO.

 332
 (29,29X,30,100,101-2)RS-2
 *
 19
 14

 CONTRACT NO. 78BU9

 SHEET 14
 OF 19
 SHEETS STA.
 TO STA.
 ILLINOIS FED. AID PROJECT



US 45 HOT-MIX ASPHALT PAVEMENT TRANSITION US 45 HOT-MIX ASPHALT PAVEMENT TRANSITION AGGREGATE SHOULDER AGGREGATE SHOULDER - Q - US 45 Ç - US 45 -AGGREGATE SHOULDER AGGREGATE SHOULDER STA. 725+67.50 STA. 831+00.00 PROPOSED HMA SURFACE CSE, 1 1/2" PROPOSED HMA SURFACE CSE, 1 1/2" 25 FT TRANSITION 25 FT TRANSITION PROPOSED HMA BINDER CSE, 1 1/4" PROPOSED HMA BINDER CSE, 1 1/4" EXISTING PAVEMENT PROPOSED HMA REMOVAL, 1 1/2" PROPOSED HMA REMOVAL, 1 1/2" 240:1 PROPOSED HMA SURFACE REMOVAL, SAW CUT TO BE INCLUDED IN THE COST PROPOSED HMA SURFACE CSE, 1 1/2" VARIABLE DEPTH OF HMA SURFACE REMOVAL, 1 1/2" SAW CUT TO BE INCLUDED IN THE COST PROPOSED HMA BINDER CSE, 1 1/4" OF HMA SURFACE REMOVAL, 1 1/2" PROPOSED HMA REMOVAL, 2 3/4" **SECTION A-A SECTION A-A** SER NAME = Nadia.McMichael DESIGNED -REVISED SECTION **HMA TRANSITION** STATE OF ILLINOIS DRAWN REVISED 332 (29,29X,30,100,101-2)RS-2 19 **DETAILS** CHECKED REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 78B09 PLOT DATE = 1/9/2025 SHEET 16 OF 19 SHEETS STA. TO STA. DATE

*SALINE, GALLATIN & WHITE

US 45 HOT-MIX ASPHALT PAVEMENT TRANSITION AGGREGATE SHOULDER Ç - US 45 -AGGREGATE SHOULDER STA 852+45.00 PROPOSED HMA SURFACE CSE, 1 1/2" -PROPOSED HMA BINDER CSE, 1 1/4" - EXISTING PAVEMENT PROPOSED HMA REMOVAL, 2 3/4" SAW CUT TO BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL, 1 1/2" **SECTION A-A** JSER NAME = Nadia.McMichael DESIGNED -REVISED STATE OF ILLINOIS DRAWN REVISED

CHECKED

DATE

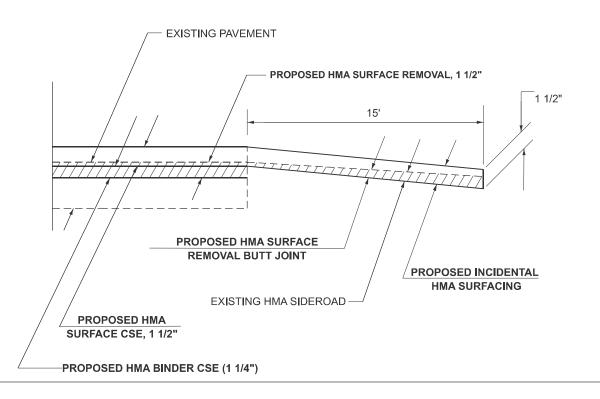
PLOT DATE = 1/15/2025

REVISED

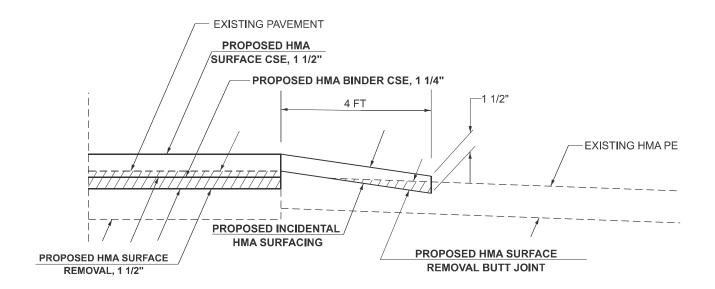
DEPARTMENT OF TRANSPORTATION

SCALE:

HMA SIDEROAD



HMA PRIVATE ENTRANCE



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 SIDE ROAD 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.

DEL: Pavement Details-2 [Sheet]

 USER NAME
 = Nadia.McMichael
 DESIGNED
 REVISED

 DRAWN
 REVISED

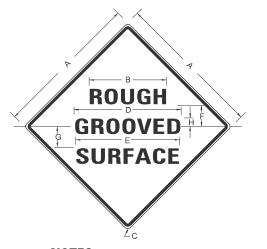
 CHECKED
 REVISED

 PLOT DATE
 = 1/15/2025
 DATE
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

ILLINOIS STANDARD ROUGH GROOVED SURFACE SIGN



COLORS

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

SIGN	DIMENSIONS							
SIZE	Α	В	С	D	Е	F	G	Н
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

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

ALL DIMENSIONS IN INCHES

NOTES

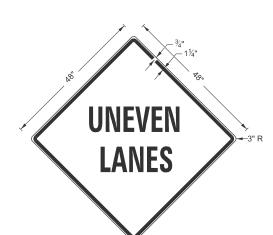
PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED 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
STD. 9-23	REVISED	05-27-22

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



SCALE:

COLORS:

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

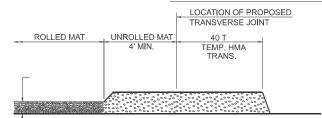
NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR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

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

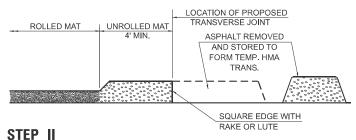
> DRAWN | 02-15-89 REVISED 05-08-08 REVISED 10-21-21 STD. 9-24 REVISED 05-27-22

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



STEP I

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

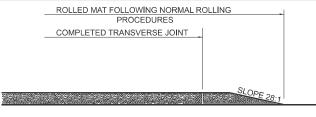


- MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
- SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
- NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.

LOCATION OF PROPOSED TRANSVERSE JOINT TEMP. HMA IOINT PAPER OR MATERIAL FEATHER

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.

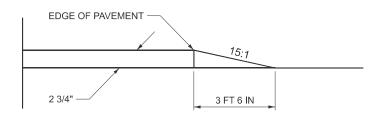


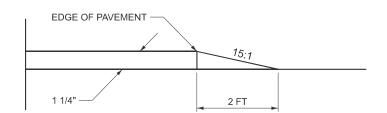
STEP IV

- 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.

DRAWN 02-15-89 REVISED 01-09-07 REVISED 10-21-21 STD. 9-18 REVISED 05-26-22

ENTRANCE AND SIDE ROAD TEMPORARY RAMPS





USER NAME = Nadia.McMichael	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/9/2025	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROUGH GROOVED SURFACE, UNEVEN LANES, TEMPORARY HOT-MIX ASPHALT TRANSITIONS					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
					332	(29,29X,30,100,101-2)RS-2	*	19	19	
_								CONTRACT	NO. 78	309
	SHEET 19	OF 19	SHEETS	STA	TO STA		ILLINOIS EED AL	D DDO JECT		