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HIGHWAY STANDARDS

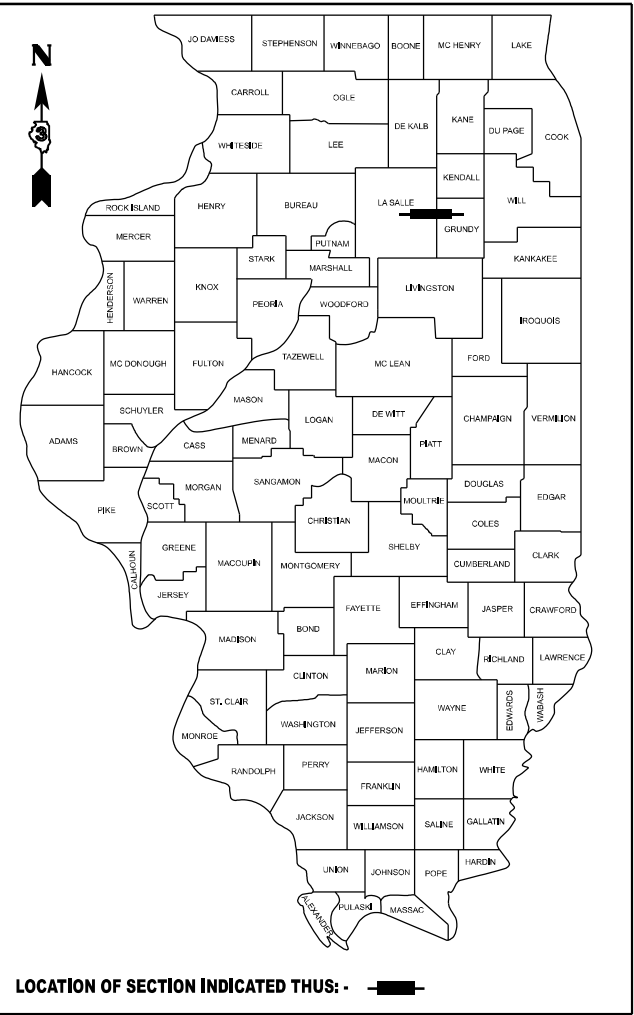
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
- 701400-12 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-13 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH
- 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701428-01 TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
- 701456-05 PARTIAL EXIT RAMP CLOSURE FREEWAY EXPRESSWAY
- 701901-10 TRAFFIC CONTROL DEVICES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PROPOSED
HIGHWAY PLANS**

**F.A.I. ROUTE 80 (I-80)
SECTION 50(4-6)PP, 32(1,2)PP
PAVEMENT PATCHING
LASALLE AND GRUNDY COUNTIES
C-93-059-25**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	50(4-6)PP, 32(1,2)PP	LAS, GRU	14	1
		ILLINOIS	CONTRACT NO. 66R12	

D-93-033-25

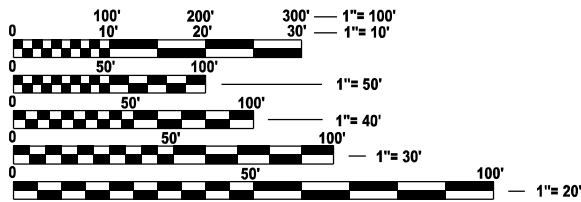


PROJECT LOCATION 1
M.M. 90 TO M.M. 103
(EAST OF IL 23 INTERCHANGE
TO GRUNDY COUNTY LINE)
LASALLE COUNTY

PROJECT LOCATION 2
M.M. 103 TO M.M. 105
(LASALLE COUNTY LINE TO
SENECA INTERCHANGE)
GRUNDY COUNTY

PROJECT LOCATION 3
BRISBIN INTERCHANGE
GRUNDY COUNTY

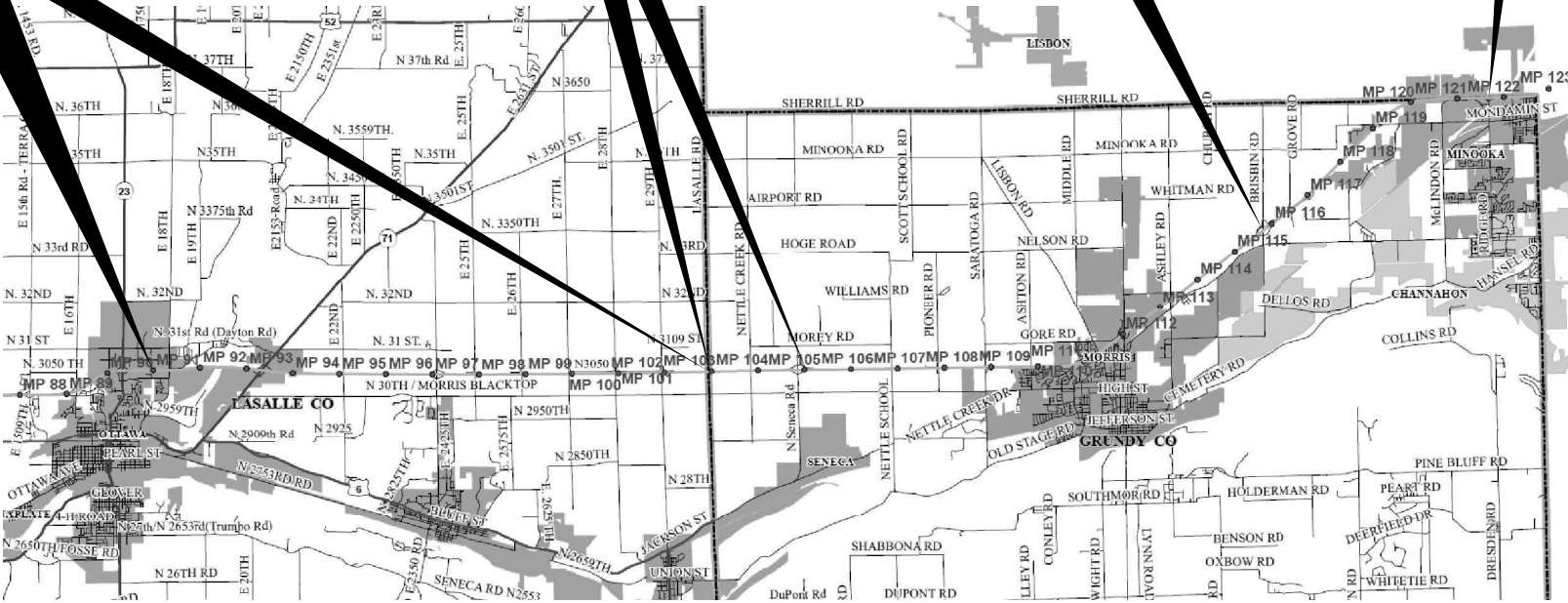
PROJECT LOCATION 4
MINOOKA INTERCHANGE
(RIDGE RD.)
GRUNDY COUNTY



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 JUNIOR SENAT
UNIT CHIEF RON WOODSHANK
DISTRICT 3 (815) 434-6131
CONTRACT NO. 66R12



GROSS LENGTH = 79,200 FT. = 15.0 MILE
NET LENGTH = 663 FT. = 0.13 MILE

FUNCTIONAL CLASSIFICATION
URBAN/RURAL - INTERSTATE
F.A.I. ROUTE 80 (I-80)
2023 ADT = 27,600
P.V. 59.0 % S.U. 3.7 % M.U. 37.3 %

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 5, 2025
Trisha Thompson REGIONAL ENGINEER

March 21, 2025
Scott Etk ENGINEER OF DESIGN AND ENVIRONMENT

March 21, 2025
Quarry DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

GENERAL NOTES

ALL EXCAVATED MATERIAL, WHICH INCLUDED DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

COMMITMENTS

NONE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

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	USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -					80	50(4-6)PP, 32(1,2)PP	LAS, GRU	14	2
		CHECKED - JS	REVISED -					CONTRACT NO. 66R12				
	PLOT DATE = 1/14/2025	DATE - 1/3/2025	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				100% STATE LASALLE COUNTY		100% STATE GRUNDY COUNTY
				ROADWAY 0005	ROADWAY 0005	ROADWAY 0005
				URBAN	RURAL	RURAL
44200050	WELDED WIRE REINFORCEMENT	SQ YD	174			174
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	174			174
44201043	CLASS B PATCHES, TYPE II, 16 INCH	SQ YD	728	242	365	121
44201047	CLASS B PATCHES, TYPE III, 16 INCH	SQ YD	21			21
44201048	CLASS B PATCHES, TYPE IV, 16 INCH	SQ YD	125			125
44201294	CLASS B PATCH - EXPANSION JOINT	FOOT	104			104
44201296	DEFORMED BARS - EXPANSION JOINT	EACH	100			100
44201299	DOWEL BARS 1 1/2"	EACH	1860	560	920	380
44213200	SAW CUTS	FOOT	5649	1554	2496	1599
44213204	TIE BARS 3/4"	EACH	75			75
67100100	MOBILIZATION	L SUM	1		0.5	0.5
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	24	8	4	12
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.34	0.33	0.33
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	0.25	0.25	0.5

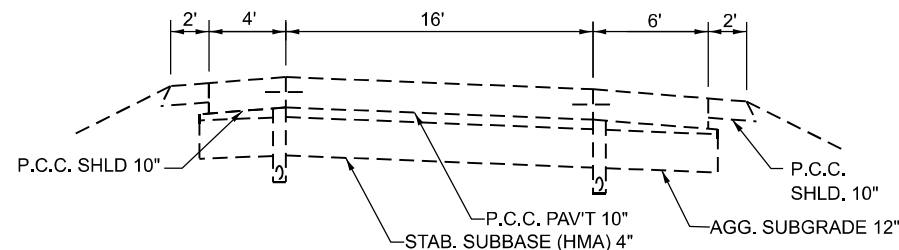
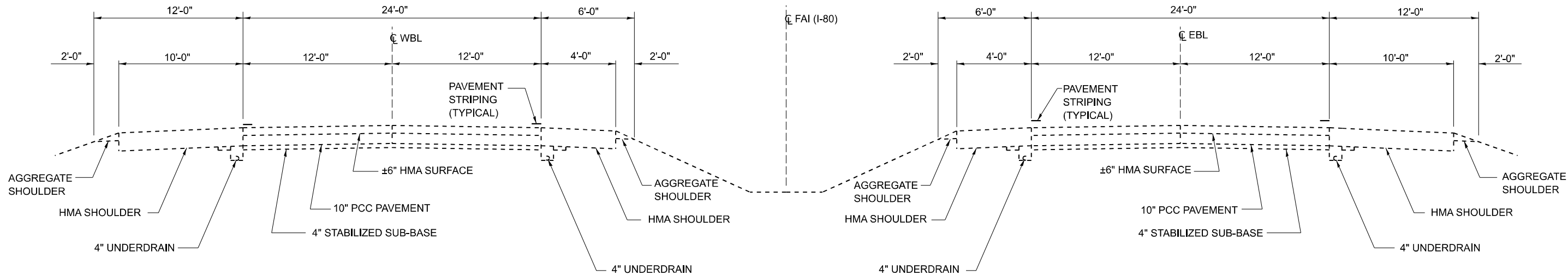
	USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -					80	50(4-6)PP, 32(1,2)PP	LAS, GRU	14	3
		CHECKED - JS	REVISED -					CONTRACT NO. 66R12				
	PLOT DATE = 1/14/2025	DATE - 1/3/2025	REVISED -		SCALE:	SHEET 1	OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				100% STATE LASALLE COUNTY		100% STATE GRUNDY COUNTY
				ROADWAY	ROADWAY	ROADWAY
				0005 URBAN	0005 RURAL	0005 RURAL
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	4	5	6
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	14	14	28
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.38	0.37	0.25
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	781	180	280	321
* 78004645	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 9"	FOOT	680	200	340	140
* 78011050	GROOVING FOR RECESSED PAVEMENT MARKING 10"	FOOT	680	200	340	140
X7010118	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	14	3	5	6
Z0017099	DOWEL BAR ASSEMBLY	EACH	6			6

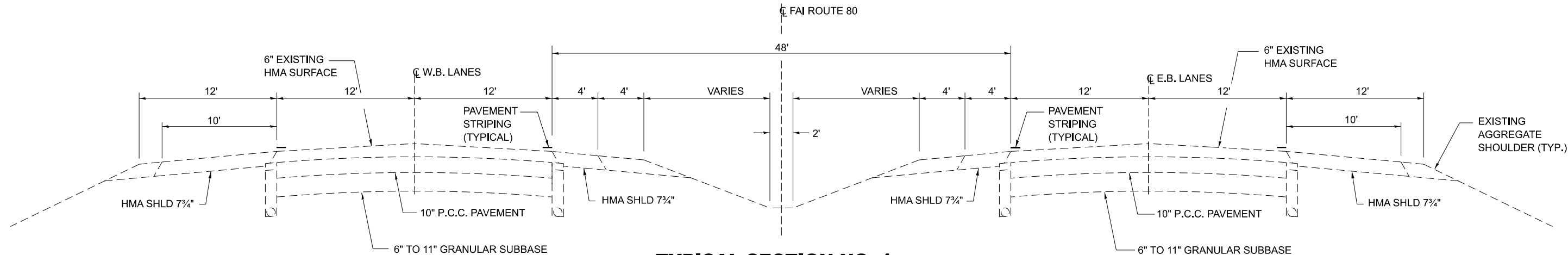
*SPECIALITY ITEMS

	USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -					80	50(4-6)PP, 32(1,2)PP	LAS, GRU	14	4
		CHECKED - JS	REVISED -					CONTRACT NO. 66R12				
	PLOT DATE = 1/14/2025	DATE - 1/3/2025	REVISED -		SCALE:	SHEET 2	OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

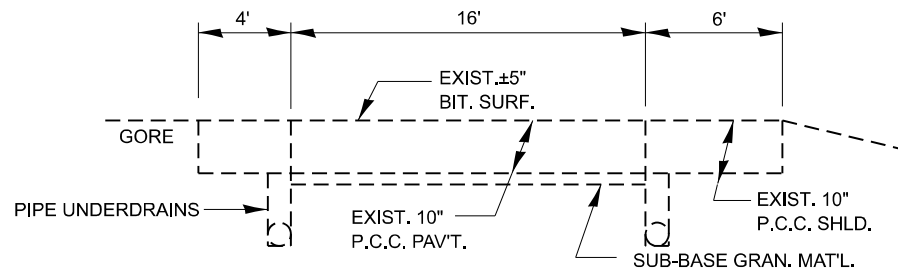


TYPICAL SECTION NO. 1
M.M. 90 TO M.M. 103
(LASALLE COUNTY)

BRISBIN RD. INTERCHANGE RAMPS



TYPICAL SECTION NO. 1
M.M. 103 TO M.M. 105
(GRUNDY COUNTY)



RIDGE RD. INTERCHANGE RAMPS

MODEL: Default
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	DRAWN - RW			REVIS	ED					80	50(4-6)PP, 32(1,2)PP	LAS, GRU	14	5
	CHECKED - JS			REVIS	ED					CONTRACT NO. 66R12				
	PLOT DATE = 1/14/2025			DATE - 1/3/2025	REVISED -		SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

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PATCHING SCHEDULE

LASALLE COUNTY - EASTBOUND LANES - URBAN										
LOCATION	PASSING LANE					DRIVING LANE				
	PATCH	PATCH	CLASS B	DOWEL	SAW	PATCH	PATCH	CLASS B	DOWEL	SAW
	LENGTH	WIDTH	TYPE	BARs	CUTs	LENGTH	WIDTH	TYPE	BARs	CUTs
			II	1½"				II	1½"	
			16"					16"		
MILE MARKER	FEET	FEET	SQ YD	EACH	FOOT	FEET	FEET	SQ YD	EACH	FOOT
90.30	6	12.0	8	20	54	8	12.0	11	20	60
90.31	6	12.0	8	20	54	6	12.0	8	20	54
90.90	6	12.0	8	20	54	6	12.0	8	20	54
91.30	6	12.0	8	20	54					
91.70	6	12.0	8	20	54					
93.50	6	12.0	8	20	54	6	12.0	8	20	54
SUBTOTAL			48	120	324			35	80	222
LASALLE COUNTY - WESTBOUND LANES - URBAN										
LOCATION	PASSING LANE					DRIVING LANE				
	PATCH	PATCH	CLASS B	DOWEL	SAW	PATCH	PATCH	CLASS B	DOWEL	SAW
	LENGTH	WIDTH	TYPE	BARs	CUTs	LENGTH	WIDTH	TYPE	BARs	CUTs
			II	1½"				II	1½"	
			16"					16"		
MILE MARKER	FEET	FEET	SQ YD	EACH	FOOT	FEET	FEET	SQ YD	EACH	FOOT
93.90	6	12.0	8	20	54	6	12.0	8	20	54
93.40						6	12.0	8	20	54
93.39						6	12.0	8	20	54
93.38						6	12.0	8	20	54
93.35	6	12.0	8	20	54	6	12.0	8	20	54
93.20						6	12.0	8	20	54
93.19						10	12.0	13	20	66
93.15						6	12.0	8	20	54
92.40	10	12.0	13	20	66	10	12.0	13	20	66
92.30	6	12.0	8	20	54	6	12.0	8	20	54
92.20						6	12.0	8	20	54
91.60						6	12.0	8	20	54
91.50						6	12.0	8	20	54
90.10	6	12.0	8	20	54					
SUBTOTAL			45	100	282			114	260	726
TOTAL			93	220	606			149	340	948

PATCHING SCHEDULE

LASALLE COUNTY - EASTBOUND LANES - RURAL										
LOCATION	PASSING LANE					DRIVING LANE				
	PATCH	PATCH	CLASS B	DOWEL	SAW	PATCH	PATCH	CLASS B	DOWEL	SAW
	LENGTH	WIDTH	TYPE	BARs	CUTs	LENGTH	WIDTH	TYPE	BARs	CUTs
			II	1½"				II	1½"	
			16"					16"		
MILE MARKER	FEET	FEET	SQ YD	EACH	FOOT	FEET	FEET	SQ YD	EACH	FOOT
94.00						6.0	12.0	8	20	54
94.30						6.0	12.0	8	20	54
95.10						6.0	12.0	8	20	54
95.70	6.0	12.0	8	20	54					
96.30	6.0	12.0	8	20	54	6.0	12.0	8	20	54
96.70	6.0	12.0	8	20	54					
96.80	6.0	12.0	8	20	54					
97.00	6.0	12.0	8	20	54					
97.10	6.0	12.0	8	20	54					
97.15	6.0	12.0	8	20	54	6.0	12.0	8	20	54
97.19	6.0	12.0	8	20	54	6.0	12.0	8	20	54
97.70	6.0	12.0	8	20	54	6.0	12.0	8	20	54
97.80	6.0	12.0	8	20	54	6.0	12.0	8	20	54
98.30	6.0	12.0	8	20	54	6.0	12.0	8	20	54
98.50	6.0	12.0	8	20	54	6.0	12.0	8	20	54
98.90						6.0	12.0		20	54
SUBTOTAL			96	240	648			80	220	594
LASALLE COUNTY WESTBOUND LANES - RURAL										
LOCATION	PASSING LANE					DRIVING LANE				
	PATCH	PATCH	CLASS B	DOWEL	SAW	PATCH	PATCH	CLASS B	DOWEL	SAW
	LENGTH	WIDTH	TYPE	BARs	CUTs	LENGTH	WIDTH	TYPE	BARs	CUTs
			II	1½"				II	1½"	
			16"					16"		
MILE MARKER	FEET	FEET	SQ YD	EACH	FOOT	FEET	FEET	SQ YD	EACH	FOOT
97.90						6.0	12.0	8	20	54
97.89						6.0	12.0	8	20	54
97.88						6.0	12.0	8	20	54
97.30						6.0	12.0	8	20	54
97.20	6.0	12.0	8	20	54	6.0	12.0	8	20	54
96.90	6.0	12.0	8	20	54					
96.50	6.0	12.0	8	20	54					
96.40	6.0	12.0	8	20	54					
96.20	6.0	12.0	8	20	54					
95.80	6.0	12.0	8	20	54	6.0	12.0	8	20	54
95.30		12.0				6.0	12.0	8	20	54
95.20		12.0				10.0	12.0	13	20	66
95.19		12.0				6.0	12.0	8	20	54
95.17		12.0				6.0	12.0	8	20	54
95.10		12.0				6.0	12.0	8	20	54
94.90	6.0	12.0	8	20	54	6.0	12.0	8	20	54
94.70	6.0	12.0	8	20	54	6.0	12.0	8	20	54
94.10	6.0	12.0	8	20	54	6.0	12.0	8	20	54
SUBTOTAL			72	180	486			117	280	768
TOTAL			168	420	1134			197	500	1362

PATCHING SCHEDULE
GRUNDY COUNTY - EASTBOUND LANES - RURAL

LOCATION	PASSING LANE										DRIVING LANE									
	PATCH	PATCH	CLASS B			DOWEL	DOWEL	WELDED	TIE	SAW	PATCH	PATCH	CLASS B			DOWEL	DOWEL	WELDED	TIE	SAW
	LENGTH	WIDTH	TYPE	TYPE	TYPE	BARS	BAR	WIRE	BARS	CUTS	LENGTH	WIDTH	TYPE	TYPE	TYPE	BARS	BAR	WIRE	BARS	CUTS
			II	III	IV	1½"	ASSEMBLY	REINF.	3/4"				II	III	IV	1½"	ASSEMBLY	REINF.	3/4"	
MILE MARKER	FEET	FEET	SQ YD	SQ YD	SQ YD	EACH	EACH	SQ YD	EACH	FOOT	FEET	FEET	SQ YD	SQ YD	SQ YD	EACH	EACH	SQ YD	EACH	FOOT
103.70	11	12	15			20				69		12								
103.70											7	12	9			20				57
103.72											8	12	11			20				60
103.80											10	12	13			20				66
104.10											8	12	11			20				60
104.30	10	12	13			20				66		12								
104.80											40	12			53	20	3	53	26	156
104.90											33	12			44	20	2	44	21	135
SUBTOTAL			28	0	0	40	0	0	0	135			44	0	97	120	5	97	47	534

GRUNDY COUNTY - WESTBOUND LANES - RURAL

LOCATION	PASSING LANE										DRIVING LANE									
	PATCH	PATCH	CLASS B			DOWEL	DOWEL	WELDED	TIE	SAW	PATCH	PATCH	CLASS B			DOWEL	DOWEL	WELDED	TIE	SAW
	LENGTH	WIDTH	TYPE	TYPE	TYPE	BARS	BAR	WIRE	BARS	CUTS	LENGTH	WIDTH	TYPE	TYPE	TYPE	BARS	BAR	WIRE	BARS	CUTS
			II	III	IV	1½"	ASSEMBLY	REINF.	3/4"				II	III	IV	1½"	ASSEMBLY	REINF.	3/4"	
MILE MARKER	FEET	FEET	SQ YD	SQ YD	SQ YD	EACH	EACH	SQ YD	EACH	FOOT	FEET	FEET	SQ YD	SQ YD	SQ YD	EACH	EACH	SQ YD	EACH	FOOT
104.70	10	12	13			20				66										
104.60	9	12	12			20				63										
104.55	16	12		21		20		21		84										
104.30											8	12	11			20				60
103.70											10	12	13			20				66
100.90	20	12			27	20		28		96										
SUBTOTAL			25	21	27	80		49	0	309			24	0	0	40	0	0	0	126
TOTAL			53	21	27	120		49	0	444			68		97	160	5	97	47	660

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PATCHING SCHEDULE									
LOCATION									
LOCATION	PATCH LENGTH	PATCH WIDTH	CLASS B TYPE IV 10"	CLASS B PATCH EXPANSION JOINT	DEFORMED BARS EXPANSION JOINT	DOWEL BARS 1½"	WELDED WIRE REINF.	TIE BARS ¾"	SAW CUTS
	FEET	FEET	SQ YD	FOOT	EACH	EACH	SQ YD	EACH	FOOT
I-80 WB ON RAMP	10.0	26.0	29	26	25	25	29	6	108
I-80 EB ON RAMP	30.0	26.0	87	26	25	25	87	10	168
SUBTOTAL			116	52	50	50	116	16	276
RIDGE RD. INTERCHANGE RAMPS									
LOCATION	PATCH LENGTH	PATCH WIDTH	CLASS B TYPE IV 10"	CLASS B PATCH EXPANSION JOINT	DEFORMED BARS EXPANSION JOINT	DOWEL BARS 1½"	WELDED WIRE REINF.	TIE BARS ¾"	SAW CUTS
	FEET	FEET	SQ YD	FOOT	EACH	EACH	SQ YD	EACH	FOOT
I-80 EB OFF RAMP	10.0	26.0	29	26	25	25	29	6	108
I-80 WB ON RAMP	10.0	26.0	29	26	25	25	29	6	108
SUBTOTAL			58	52	50	50	58	12	216
TOTAL			174	104	100	100	174	28	492

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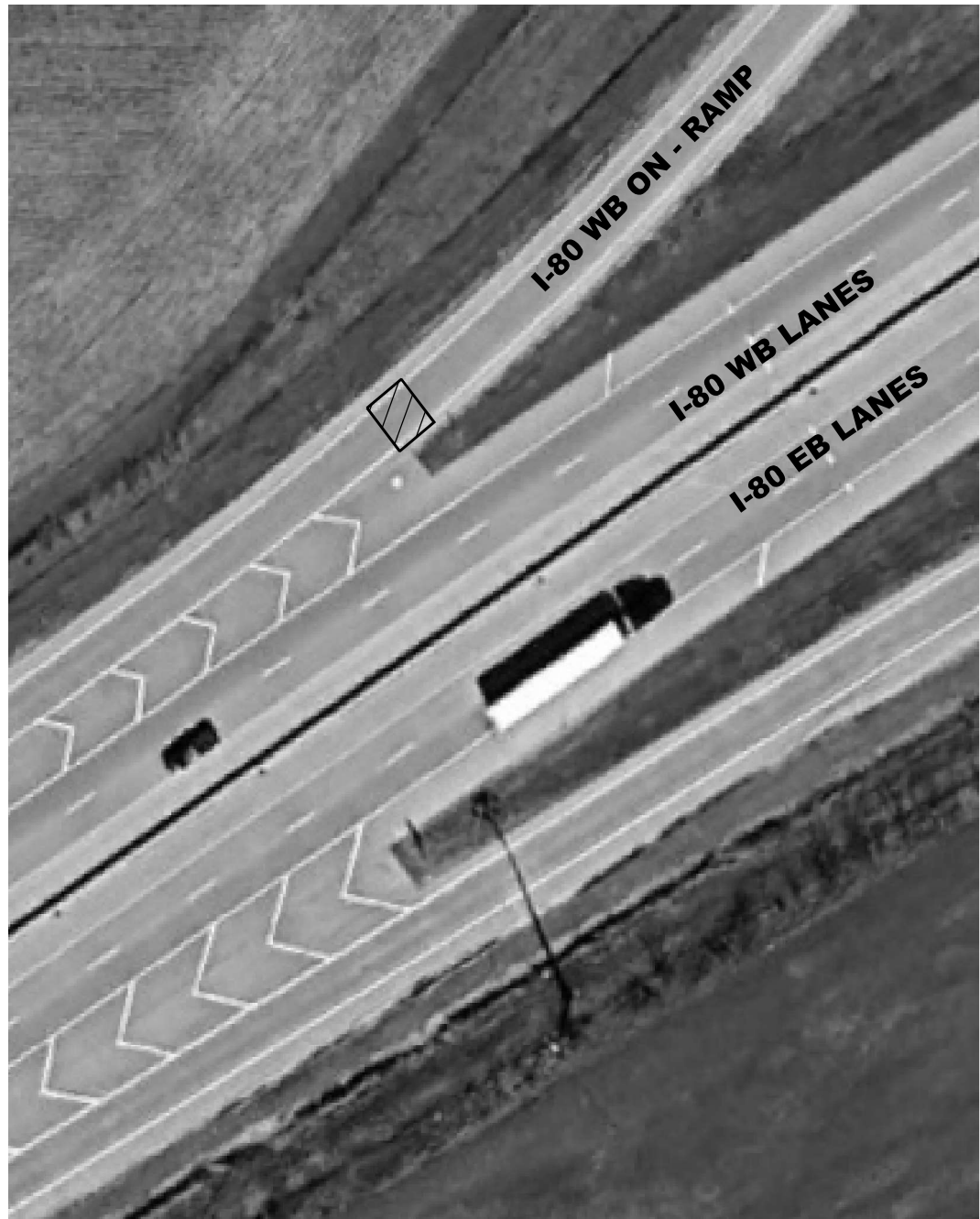
PAVEMENT MARKING SCHEDULE				
LASALLE COUNTY - EASTBOUND LANES - URBAN				
LOCATION	EPOXY PAVEMENT MARKING LINE 4"		PREFORMED PLASTIC PAVEMENT MARKING TYPE D STANDARD LINE 9"	GROOVING FOR RECESSED PAVEMENT MARKING LINE 10"
	YELLOW	WHITE	CONTRAST, SKIP-DASH BLACK-WHITE-BLACK	
MILE MARKER	FEET		FEET	FEET
90.30	6	6	10	10
90.31	6	6	10	10
90.90	6	6	10	10
91.30	6		10	10
91.70	6		10	10
93.50	6	6	10	10
SUBTOTAL	36	24	60	60
LASALLE COUNTY - WESTBOUND LANES - URBAN				
93.90	6	6	10	10
93.40		6	10	10
93.39		6	10	10
93.38		6	10	10
93.35	6	6	10	10
93.20		6	10	10
93.19		10	10	10
93.15		6	10	10
92.40	10	10	10	10
92.30	6	6	10	10
92.20		6	10	10
91.60		6	10	10
91.50		6	10	10
90.10	6		10	10
SUBTOTAL	34	86	140	140
TOTAL	180		200	200

PAVEMENT MARKING SCHEDULE CON'T				
LASALLE COUNTY - EASTBOUND LANES - RURAL				
LOCATION	EPOXY PAVEMENT MARKING LINE 4"		PREFORMED PLASTIC PAVEMENT MARKING TYPE D STANDARD LINE 9"	GROOVING FOR RECESSED PAVEMENT MARKING LINE 10"
	YELLOW	WHITE	CONTRAST, SKIP-DASH BLACK-WHITE-BLACK	
MILE MARKER	FEET		FEET	FEET
94.00		6	10	10
94.30		6	10	10
95.10		6	10	10
95.70	6		10	10
96.30	6	6	10	10
96.70	6		10	10
96.80	6		10	10
97.00	6		10	10
97.10	6		10	10
97.15	6	6	10	10
97.19	6	6	10	10
97.70	6	6	10	10
97.80	6	6	10	10
98.30	6	6	10	10
98.50	6	6	10	10
98.90		6	10	10
SUBTOTAL	72	66	160	160
LASALLE COUNTY - WESTBOUND LANES - RURAL				
97.90		6	10	10
97.89		6	10	10
97.88		6	10	10
97.30		6	10	10
97.20	6	6	10	10
96.90	6		10	10
96.50	6		10	10
96.40	6		10	10
96.20	6		10	10
95.80	6	6	10	10
95.30		6	10	10
95.20		10	10	10
95.19		6	10	10
95.17		6	10	10
95.10		6	10	10
94.90	6	6	10	10
94.70	6	6	10	10
94.10	6	6	10	10
SUBTOTAL	54	88	180	180
TOTAL	280		340	340

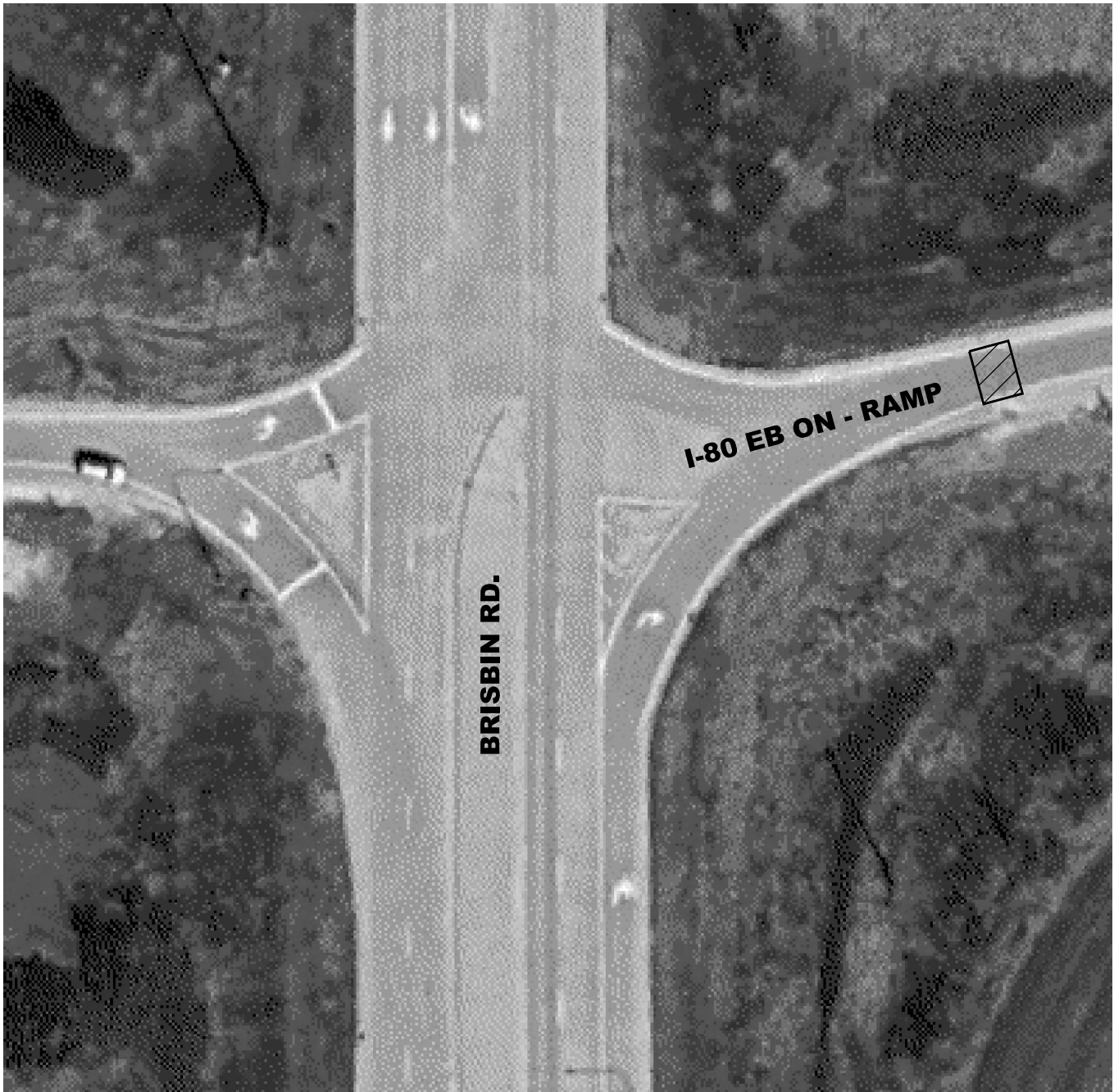
PAVEMENT MARKING SCHEDULE CON'T				
GRUNDY COUNTY - EASTBOUND LANES - RURAL				
LOCATION	EPOXY PAVEMENT MARKING LINE 4"		PREFORMED PLASTIC PAVEMENT MARKING TYPE D STANDARD LINE 9"	GROOVING FOR RECESSED PAVEMENT MARKING LINE 10"
	YELLOW	WHITE	CONTRAST, SKIP-DASH BLACK-WHITE-BLACK	
MILE MARKER	FEET	FEET	FEET	FEET
103.70	11		10	10
103.70		7	10	10
103.72		8	10	10
103.80		10	10	10
104.10		8	10	10
104.30	10		10	10
104.80		40	10	10
104.90		33	10	10
SUBTOTAL	21	106	80	80
GRUNDY COUNTY - WESTBOUND LANES - RURAL				
104.70	10		10	10
104.60	9		10	10
104.55	16		10	10
104.30		8	10	10
103.70		10	10	10
100.90	21		10	10
SUBTOTAL	56	18	60	60
TOTAL	201		140	140

PAVEMENT MARKING SCHEDULE CON'T
GRUNDY COUNTY - BRISBIN RD INTERCHANGE - RURAL

LOCATION	EPOXY PAVEMENT MARKING LINE 4"	
	YELLOW	WHITE
MILE MARKER	FEET	FEET
I-80 WB ON RAMP	10	10
I-80 EB ON RAMP	30	30
SUBTOTAL	40	40
GRUNDY COUNTY - RIDGE RD INTERCHANGE - RURAL		
I-80 EB OFF RAMP	10	10
I-80 WB ON RAMP	10	10
SUBTOTAL	20	20
TOTAL	120	



WB ON-RAMP



EB ON - RAMP

RIDGE RD. INTERCHANGE



**CLASS B PATCHS
EXPANSION JOINT**

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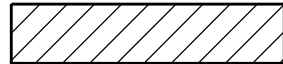
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PLOT DATE = 1/14/2025	DATE - 1/3/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BRISBIN RD. INTERCHANGE			
SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	50(4-6)PP, 32(1,2)PP	LAS. GRU	14	10
CONTRACT NO. 66R12				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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**CLASS B PATCHS
EXPANSION JOINT**



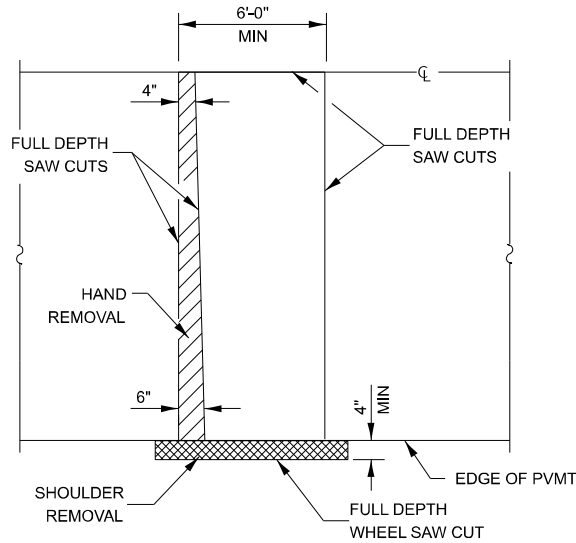
RIDGE RD. INTERCHANGE
EB OFF RAMP / WB ON RAMP

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		CHECKED - JS	REVISED -
	PLOT DATE = 1/14/2025	DATE - 1/3/2025	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	

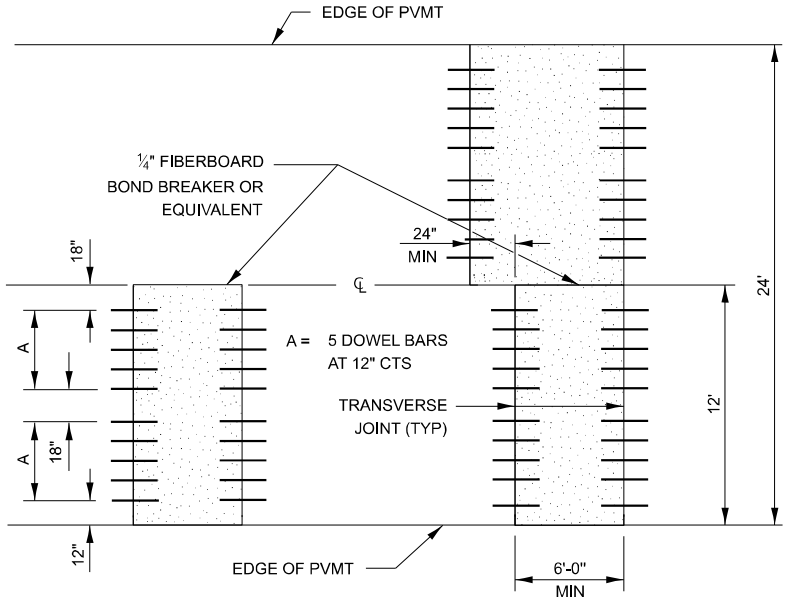
RIDGE RD. INTERCHANGE			
SCALE:	SHEET 1	OF 1	SHEETS
STA.		TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	50(4-6)PP, 32(1,2)PP	LAS, GRU	14	11
CONTRACT NO. 66R12				
ILLINOIS FED. AID PROJECT				

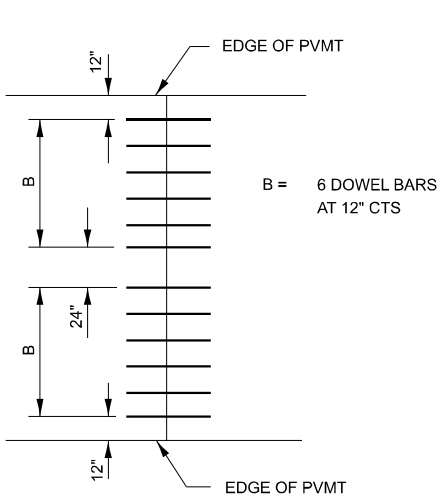


PAVEMENT SAWING DETAIL

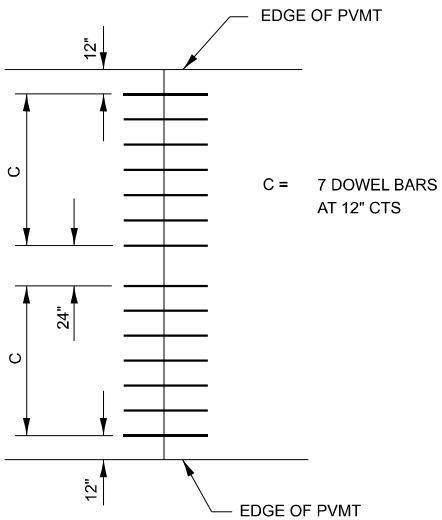
(HMA SHOULDER)



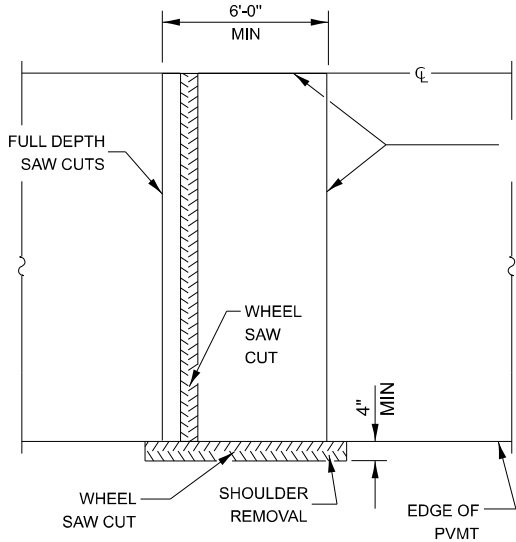
12' WIDE LANES



14' WIDE RAMP

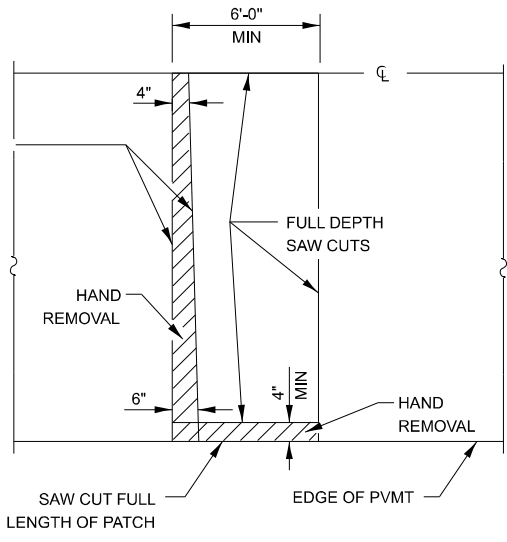


16' WIDE RAMP



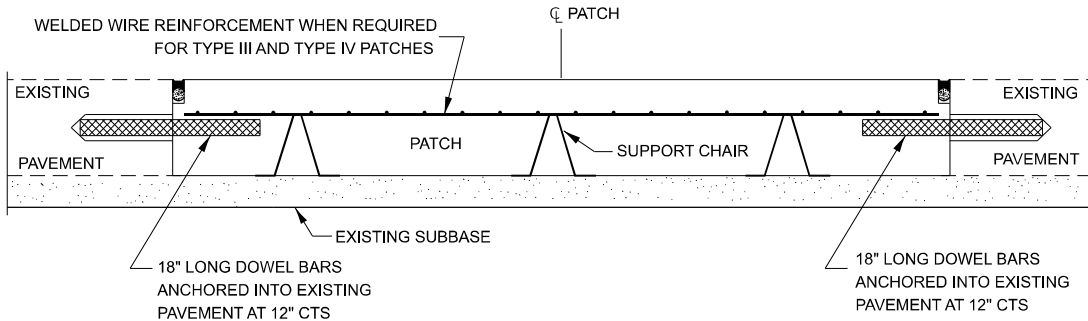
ALTERNATE SAWING DETAIL

(HMA SHOULDER)

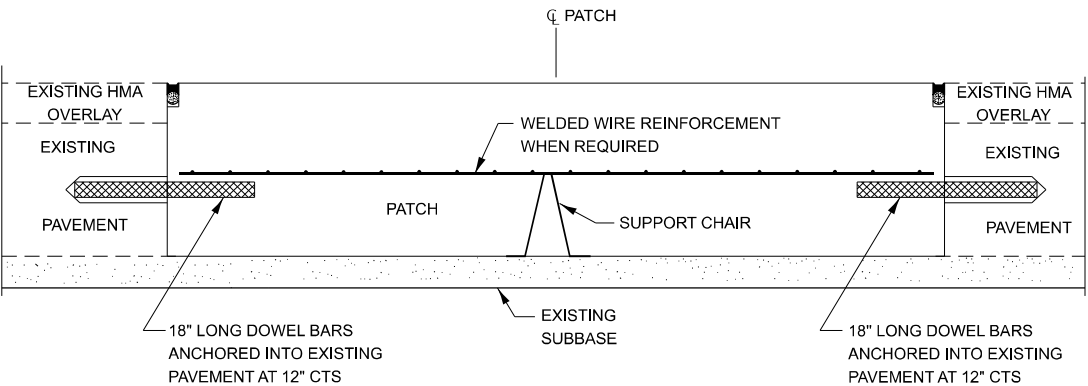


PAVEMENT SAWING DETAIL

(PCC SHOULDER)



PATCHING WITHOUT HMA OVERLAY

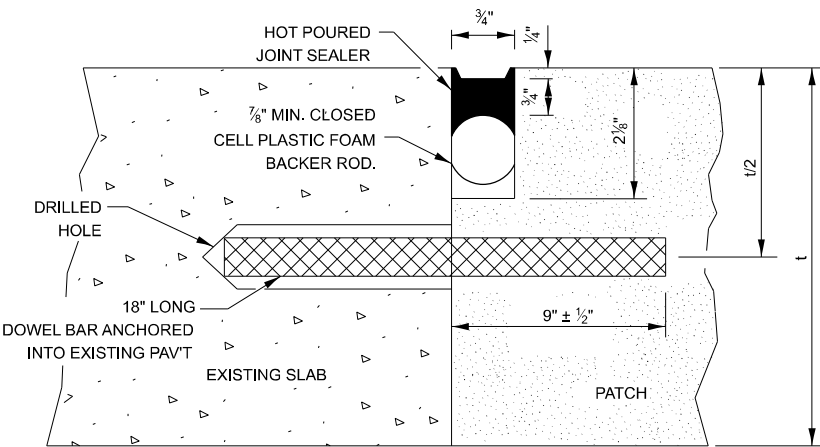


PATCHING WITH HMA OVERLAY

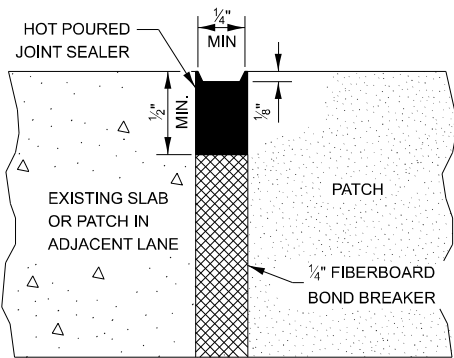
GENERAL NOTES

THE TRANSVERSE JOINTS FOR CLASS B PATCHES SHALL ALIGN WITH JOINTS OR CRACKS IN THE ADJACENT LANE WHENEVER POSSIBLE.

SEE STANDARD 420701 FOR DETAILS OF PAVEMENT WELDED WIRE REINFORCEMENT.



TRANSVERSE JOINT



CENTERLINE JOINT

DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
8" OR GREATER	1 1/2"	1 5/8"
7" THRU 7.99"	1 1/4"	1 3/8"
LESS THAN 7"	1"	1 1/8"

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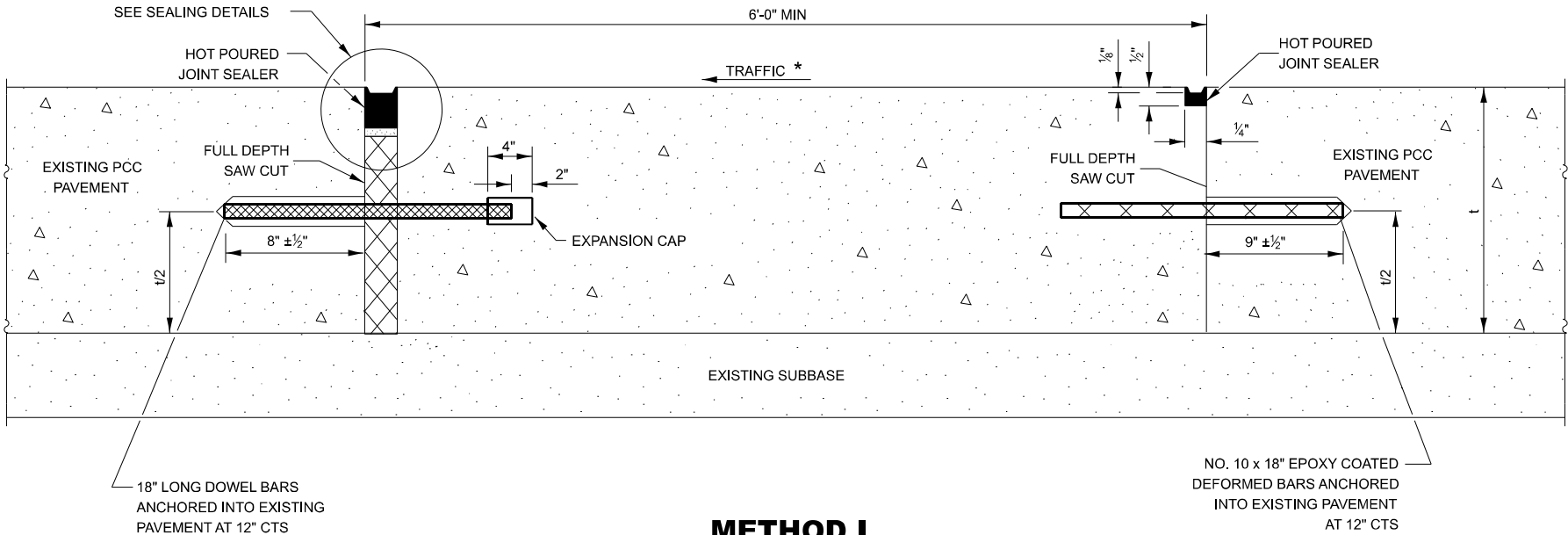
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PLOT DATE = 1/14/2025	DATE - 1/3/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

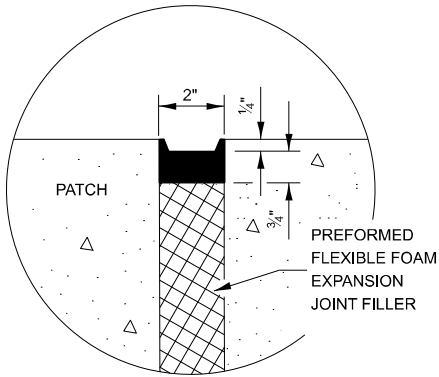
CLASS B PATCHING DETAILS

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

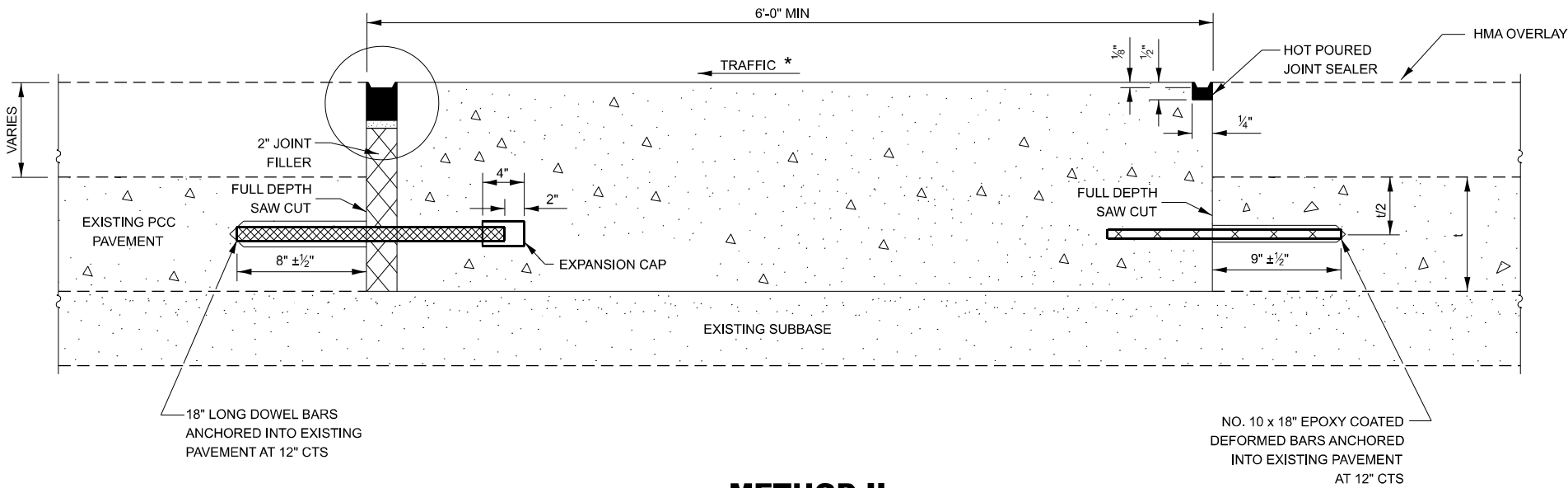
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	50(4-6)PP, 32(1,2)PP	LAS, GRU	14	12
CONTRACT NO. 66R12				
ILLINOIS FED. AID PROJECT				



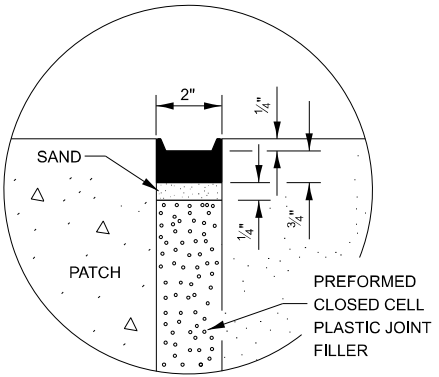
METHOD I
(WITHOUT HMA OVERLAY)



SEALING DETAIL



METHOD II
(WITH HMA OVERLAY)



SEALING DETAIL

NOTE

* WHEN RE-ESTABLISHING A TRANSVERSE EXPANSION JOINT ON A TWO-WAY ROAD, REVERSE THE ORIENTATION OF THE DOWEL BARS WITH RESPECT TO TRAFFIC FOR ONE OF THE PATCHES SUCH THAT THE JOINT WILL BE CONTINUOUS ACROSS BOTH LANES.

MODEL: Default
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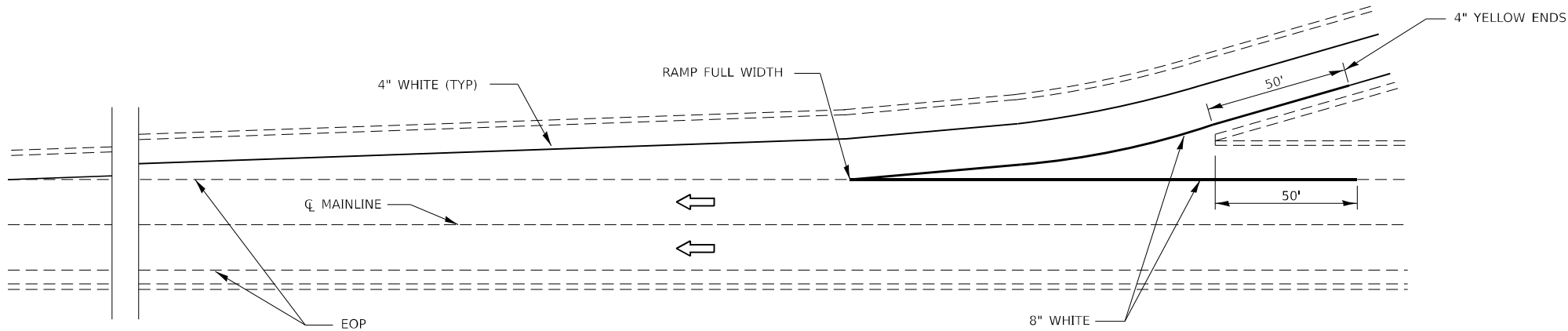
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PLOT DATE = 1/14/2025	DATE - 1/3/2025	REVISED -

STATE OF ILLINOIS
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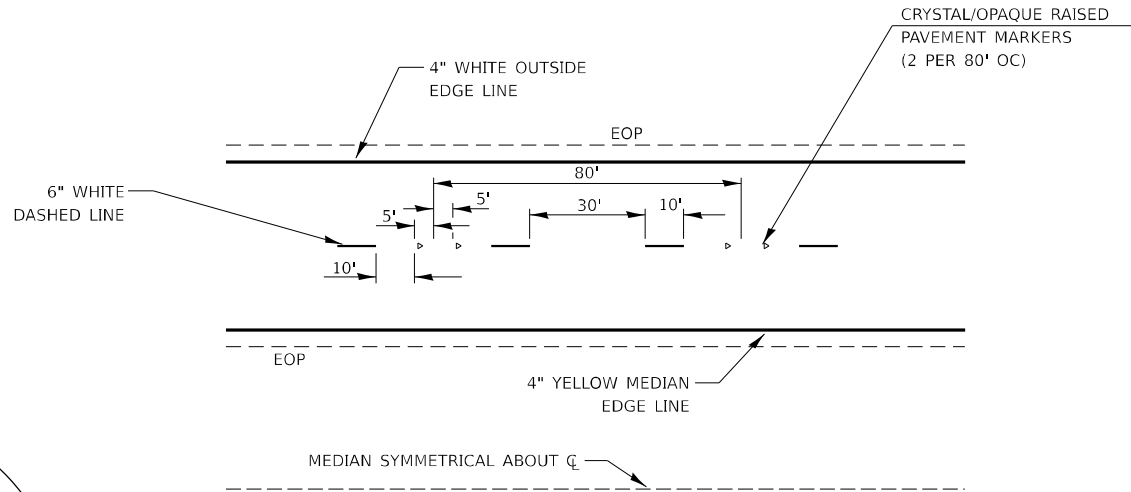
CLASS B PATCHING DETAILS

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

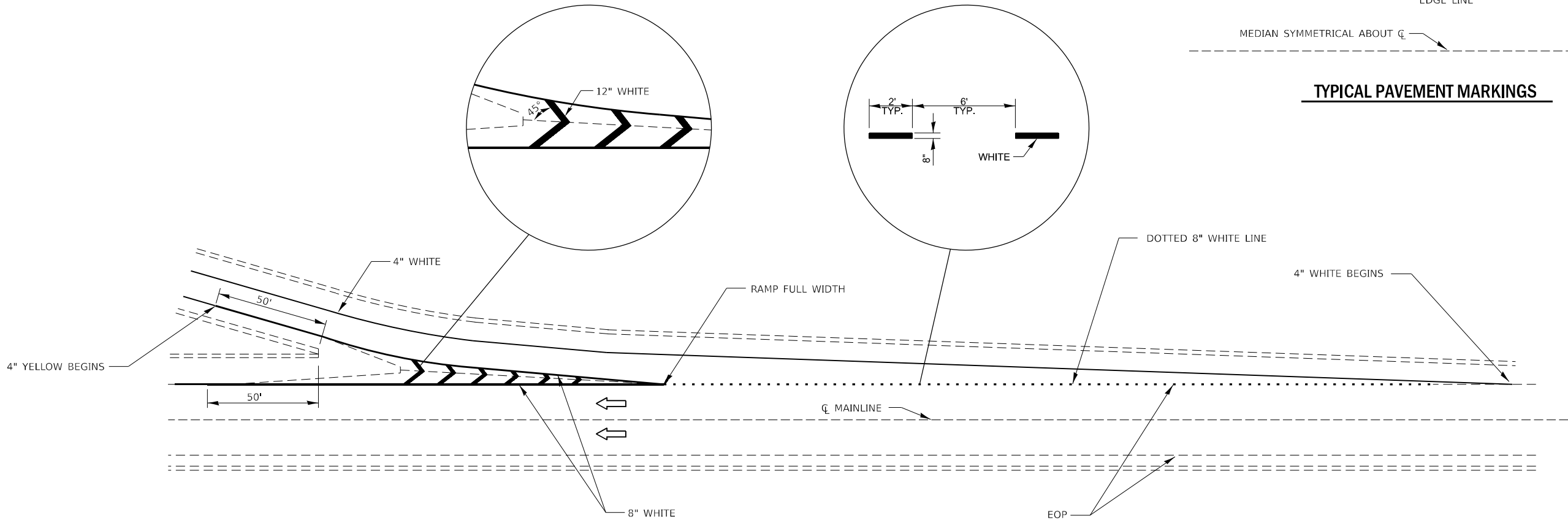
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	50(4-6)PP, 32(1.2)PP	LAS, GRU	14	13
CONTRACT NO. 66R12				
ILLINOIS FED. AID PROJECT				



TYPICAL PAVEMENT MARKING FOR ENTRANCE RAMP TERMINALS



TYPICAL PAVEMENT MARKINGS



TYPICAL PAVEMENT MARKINGS FOR EXIT RAMP TERMINALS

MODEL: Default
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USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
	DRAWN - RW	REVISED -
	CHECKED - JS	REVISED -
PLOT DATE = 1/14/2025	DATE - 1/3/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	50(4-6)PP, 32(1,2)PP	LAS, GRU	14	14
CONTRACT NO. 66R12				
ILLINOIS FED. AID PROJECT				