

INDEX OF SHEETS

- 1. COVER SHEET
- 2. GENERAL NOTES
- 3. SUMMARY OF QUANTITIES
- 4. TYPICAL SECTIONS
- 5-6. SCHEDULES
- 7-8. CLASS B PATCHING DETAILS
- 9. TEMPORARY INFORMATION SIGNING

HIGHWAY STANDARDS

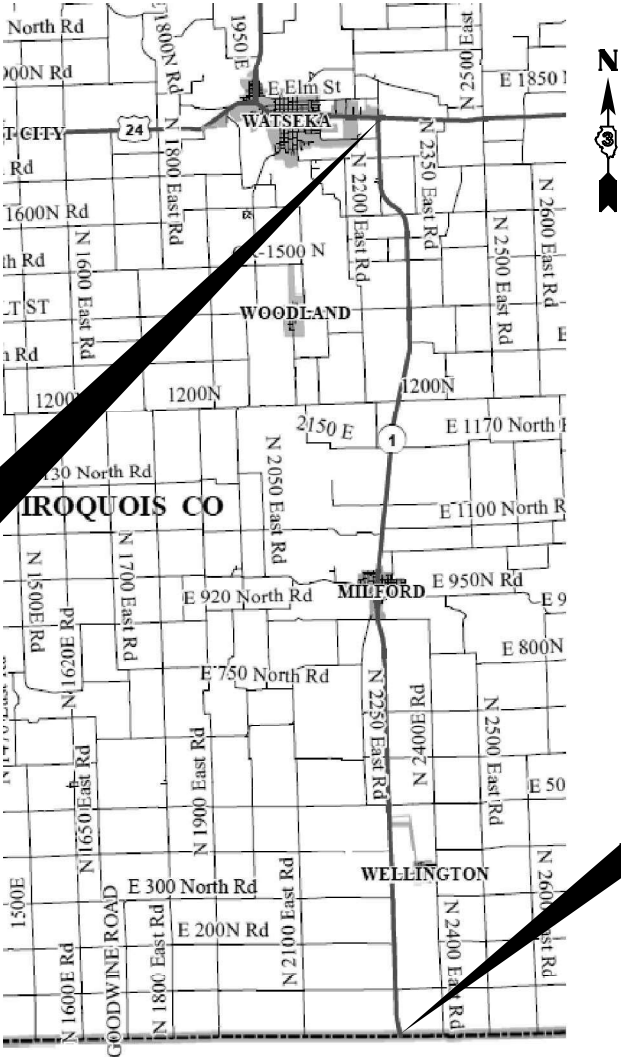
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
701001-02	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701901-10	TRAFFIC CONTROL DEVICES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 332 (IL 1)
SECTION (14R - 17R)PP
PAVEMENT PATCHING
IROQUOIS COUNTY

C-93-113-25



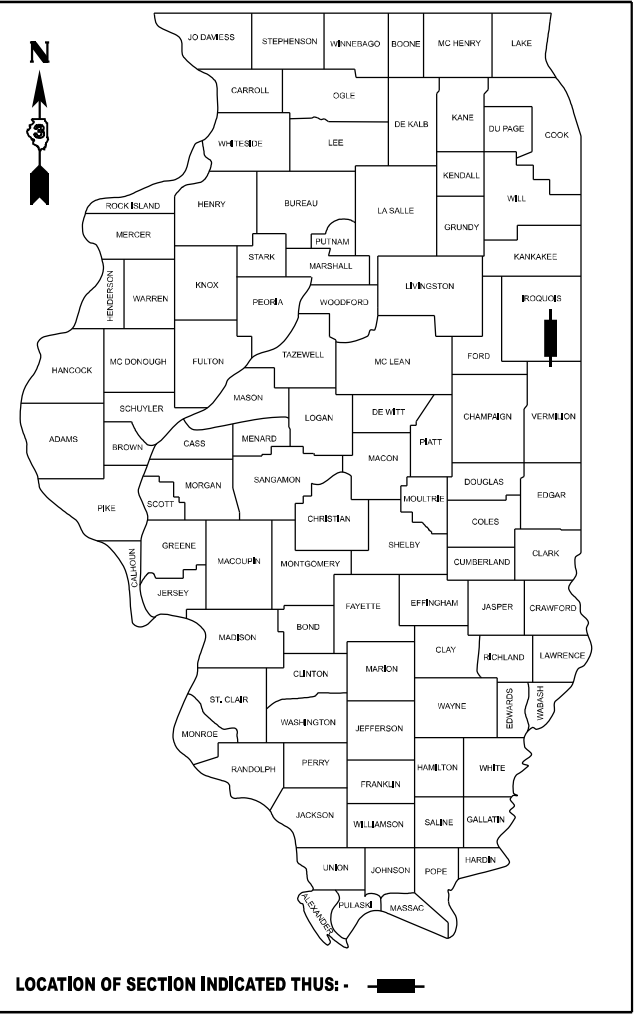
BEGIN IMPROVEMENT
INTERSECTION SOUTH LEG
IL 1 / US 24 SOUTH
(LOG MILE 0.00)

END IMPROVEMENT
VERMILION COUNTY LINE
(LOG MILE 20.10)

GROSS LENGTH = 106,128 FT. = 20.10 MILE(S)
NET LENGTH = 1,051 FT. = 0.20 MILE(S)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(14R-17R)PP	IROQUOIS	9	1
		ILLINOIS	CONTRACT NO. 66R52	

D-93-080-25

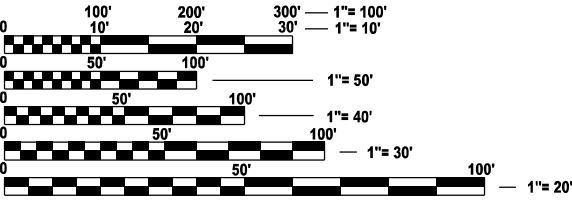


FUNCTIONAL CLASSIFICATION
RURAL - OTHER PRINCIPAL ARTERIAL (OPA)
F.A.P. ROUTE 332A (IL 1)
2023 ADT = 2450
P.V. 91.5 % S.U. 8.4 % M.U. 10.2%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 25, 2025
Trisha Thompson REGIONAL ENGINEER
May 9, 2025
Scott A. Etkin ENGINEER OF DESIGN AND ENVIRONMENT
May 9, 2025
John A. Harris DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS



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. 66R52

GENERAL NOTES

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY.

COMMITMENTS

NO COMMITMENTS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

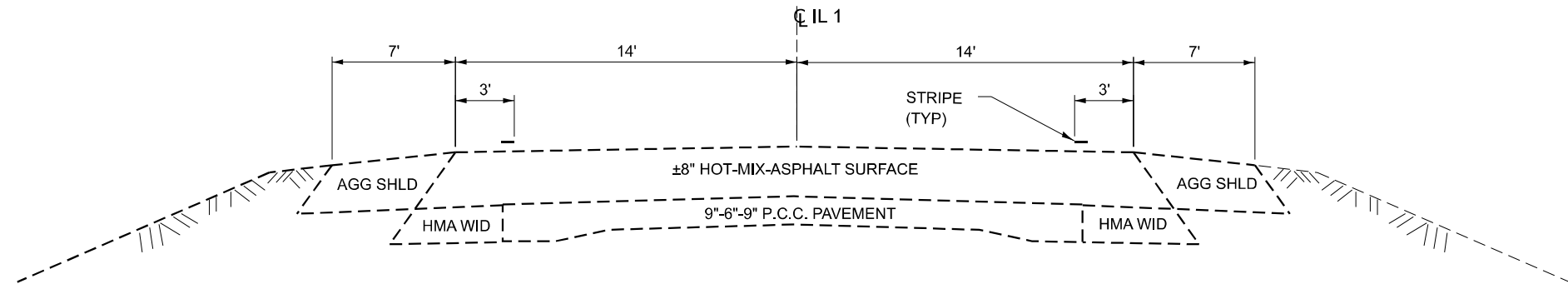
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		DRAWN - RW	REVISED -					332	(14R-17R)PP	IROQUOIS	9	2
		CHECKED - JS	REVISED -					CONTRACT NO. 66R52				
	PLOT DATE = 2/4/2025	DATE - 2/3/2025	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT	

MODEL: Default
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				CONTRACT MAINTENANCE
				100% STATE
				ROADWAY
				0005
				RURAL
44200050	WELDED WIRE REINFORCEMENT	SQ YD	140	140
44201053	CLASS B PATCHES, TYPE IV, 17 INCH	SQ YD	1429	1429
44201055	CLASS B PATCHES, TYPE II, 17 INCH	SQ YD	93	93
44201057	CLASS B PATCHES, TYPE III, 17 INCH	SQ YD	47	47
44201298	DOWEL BARS 1 1/4"	EACH	3660	3660
44213200	SAW CUTS	FOOT	8522	8522
44213204	TIE BARS 3/4"	EACH	19	19
67100100	MOBILIZATION	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	42	42
Z0017099	DOWEL BAR ASSEMBLY	EACH	2	2

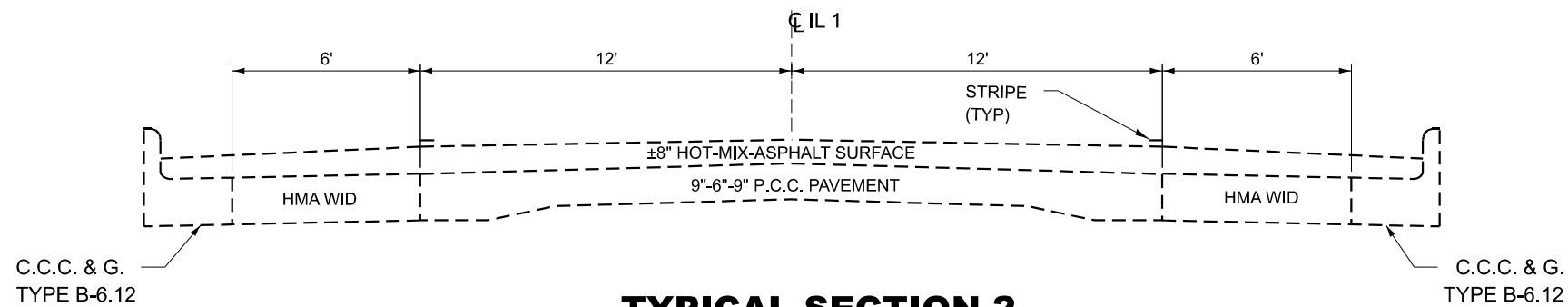
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		DRAWN - RW	REVISED -					332	(14R-17R)PP	IROQUOIS	9	3
		CHECKED - JS	REVISED -					CONTRACT NO. 66R52				
	PLOT DATE = 2/4/2025	DATE - 2/3/2025	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



TYPICAL SECTION 1

L.M. 0.00 TO L.M. 10.07

L.M. 10.83 TO L.M. 20.22



TYPICAL SECTION 2

L.M. 10.07 TO L.M. 10.83

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		DRAWN - RW	REVISED -					332	(14R-17R)PP	IROQUOIS	9	4
		CHECKED - JS	REVISED -					CONTRACT NO. 66R52				
	PLOT DATE = 2/4/2025	DATE - 2/3/2025	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

PATCHING SCHEDULE

LOCATION	NORTHBOUND LANE										SOUTHBOUND LANE									
	PATCH	PATCH	CLASS B			DOWEL	DOWEL	SAW	WELDED	TIE	PATCH	PATCH	CLASS B			DOWEL	DOWEL	SAW	WELDED	TIE
	LENGTH	WIDTH	TYPE	TYPE	TYPE	BARS	BAR	CUTS	WIRE	BARS	LENGTH	WIDTH	TYPE	TYPE	TYPE	BARS	BAR	CUTS	WIRE	BARS
LOG MILE	FEET	FEET	II	III	IV	1 1/4"	ASSEMBLY	FOOT	SQ YD	3/4"	FEET	FEET	II	III	IV	1 1/4"	ASSEMBLY	FOOT	SQ YD	3/4"
			17"	17"	17"								17"	17"	17"					
			SQ YD	SQ YD	SQ YD	EACH	EACH						SQ YD	SQ YD	SQ YD	EACH	EACH			
0.40	6	14	9			24		54												
0.50	6	14	9			24		54												
0.70											6	14	9			24		54		
1.30											6	14	9			24		54		
1.50											8	14	12			24		58		
1.60	6	14	9			24		54			6	14	9			24		54		
1.70											6	14	9			24		54		
1.90	6	14	9			24		54			6	14	9			24		54		
2.10	6	14	9			24		54			6	14	9			24		54		
2.60	6	14	9			24		54			6	14	9			24		54		
2.60	6	14	9			24		54			6	14	9			24		54		
2.80	6	14	9			24		54			6	14	9			24		54		
3.30	6	14	9			24		54			6	14	9			24		54		
3.90	6	14	9			24		54			6	14	9			24		54		
4.00	6	14	9			24		54			6	14	9			24		54		
5.50	6	14	9			24		54			6	14	9			24		54		
5.50	6	14	9			24		54			6	14	9			24		54		
5.60	6	14	9			24		54			6	14	9			24		54		
5.80	6	14	9			24		54			6	14	9			24		54		
6.00	6	14	9			24		54			6	14	9			24		54		
6.10	6	14	9			24		54			6	14	9			24		54		
6.20	8	14	12			24		58			6	14	9			24		54		
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6.50	8	14	12			24		58			8	14	12			24		58		
6.80	10	14		16		24		62	16											
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7.20											6	14	9			24		54		
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9.60	6	14	9			24		54			6	14	9			24		54		
9.60	8	14	12			24		58			8	14	12			24		58		
SUBTOTAL			357	58	47	984	2	2332	105	19			363	35		960		2208	35	

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	DRAWN - RW	REVISED -
	CHECKED - JS	REVISED -
PLOT DATE = 3/24/2025	DATE - 2/3/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

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

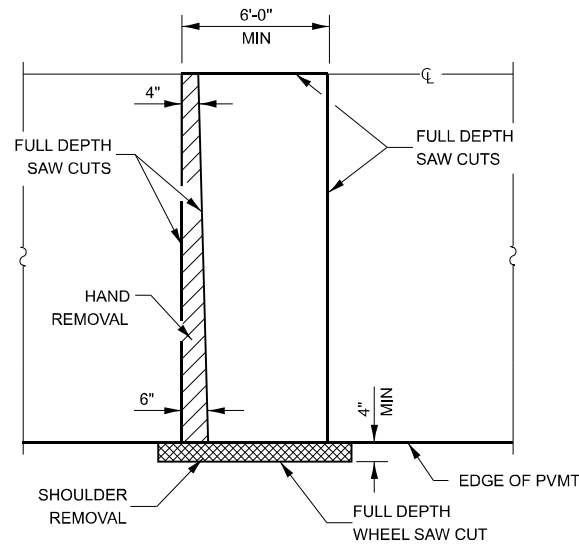
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(14R-17R)PP	IROQUOIS	9	5
CONTRACT NO. 66R52				
ILLINOIS		FED. AID PROJECT		

PATCHING SCHEDULE

LOCATION	NORTHBOUND LANE										SOUTHBOUND LANE									
	PATCH	PATCH	CLASS B			DOWEL	DOWEL	SAW	WELDED	TIE	PATCH	PATCH	CLASS B			DOWEL	DOWEL	SAW	WELDED	TIE
	LENGTH	WIDTH	TYPE	TYPE	TYPE	BARS	BAR	CUTS	WIRE	BARS	LENGTH	WIDTH	TYPE	TYPE	TYPE	BARS	BAR	CUTS	WIRE	BARS
			II	III	IV	1½"	ASSEMBLY		REINF.	3/4"			II	III	IV	1½"	ASSEMBLY		REINF.	3/4"
LOG MILE	FEET	FEET	SQ YD	SQ YD	SQ YD	EACH	EACH	FOOT	SQ YD	EACH	FEET	FEET	SQ YD	SQ YD	SQ YD	EACH	EACH	FOOT	SQ YD	EACH
9.60	8	14	12			24		58			8	14	12			24		58		
9.60	8	14	12			24		58			8	14	12			24		58		
9.70	6	14	9			24		54			6	14	9			24		54		
9.90											6	14	9			24		54		
10.00	8	14	12			24		58			8	14	12			24		58		
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14.90	6	14	9			24		54			6	14	9			24		54		
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17.10	6	14	9			24		54			6	14	9			24		54		
17.50											6	14	9			24		54		
19.20											6	14	9			24		54		
19.90											6	14	9			24		54		
SUBTOTAL			319			764		1778					390			952		2204		
TOTAL			676	58	47	1748	2	4110	105	19			753	35		1912		4412	35	

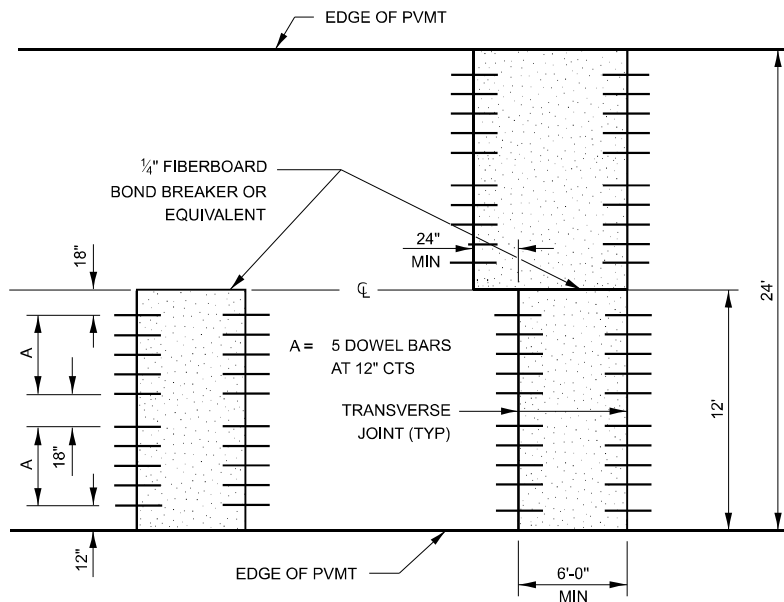
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			DRAWN - RW	REVISED -						332	(14R-17R)PP	IROQUOIS	9	6
			CHECKED - JS	REVISED -						CONTRACT NO. 66R52				
	PLOT DATE = 3/24/2025		DATE - 2/3/2025	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.		ILLINOIS	FED. AID PROJECT

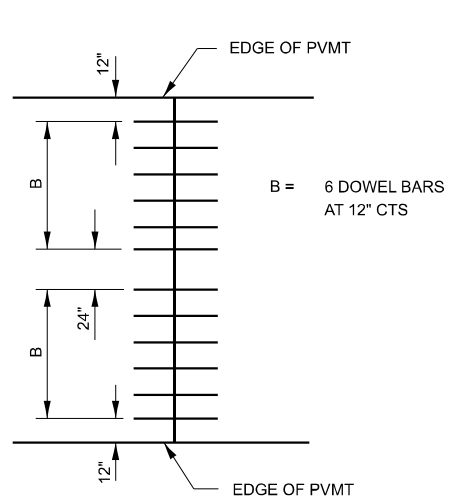


PAVEMENT SAWING DETAIL

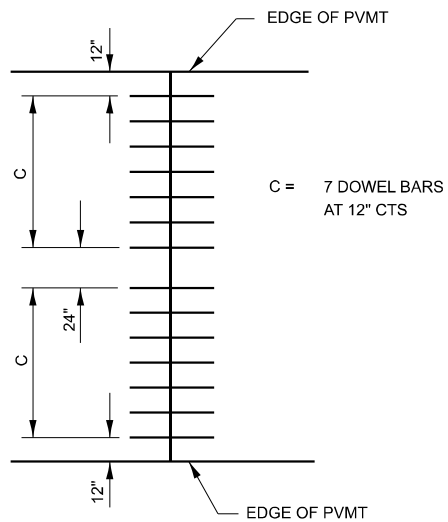
(HMA SHOULDER)



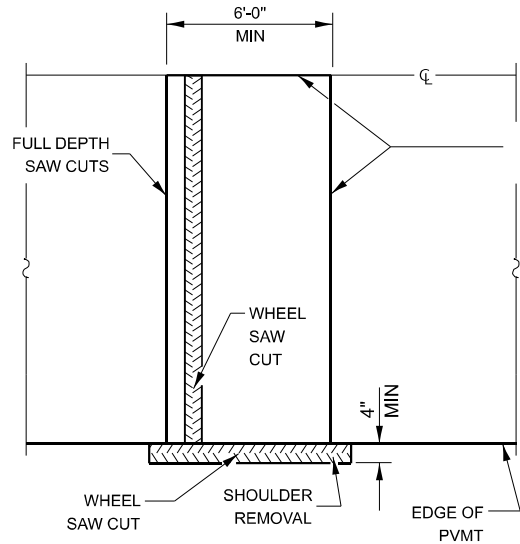
12' WIDE LANES



14' WIDE RAMP

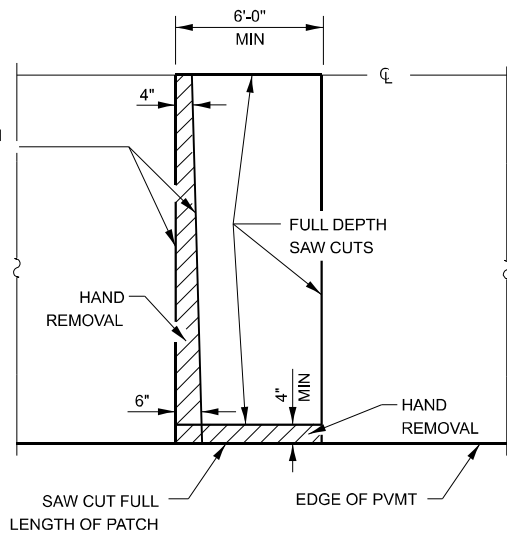


16' WIDE RAMP



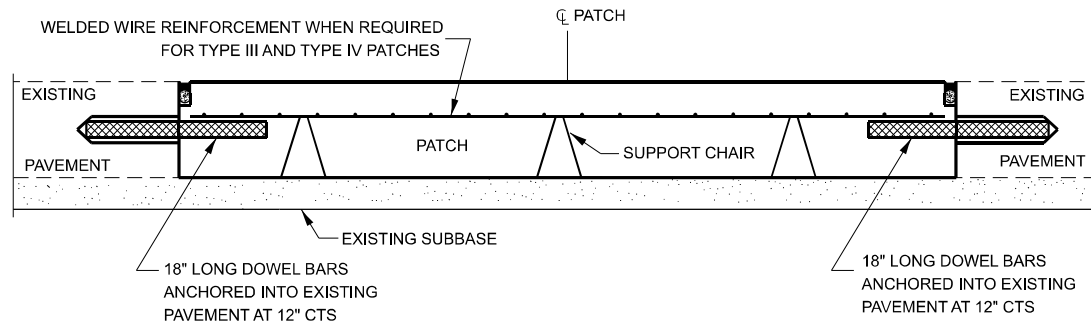
ALTERNATE SAWING DETAIL

(HMA SHOULDER)

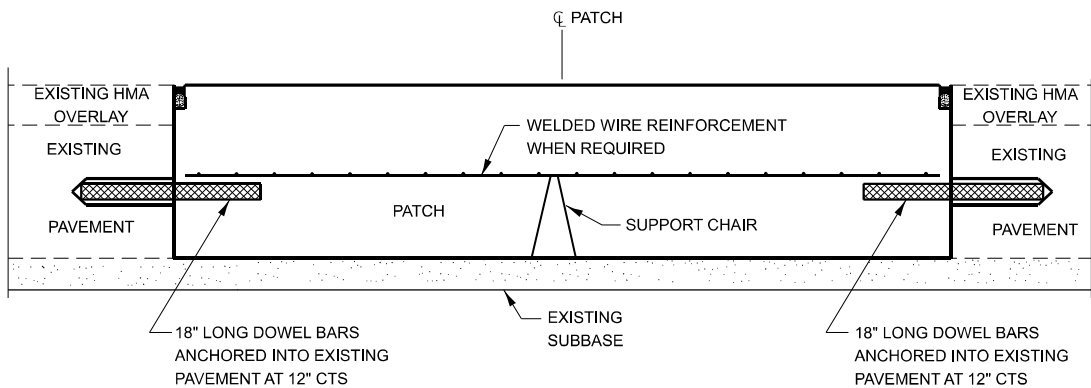


PAVEMENT SAWING DETAIL

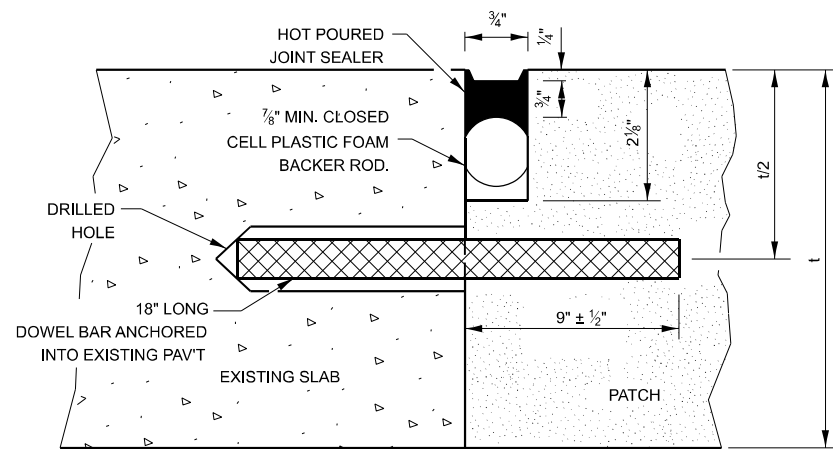
(PCC SHOULDER)



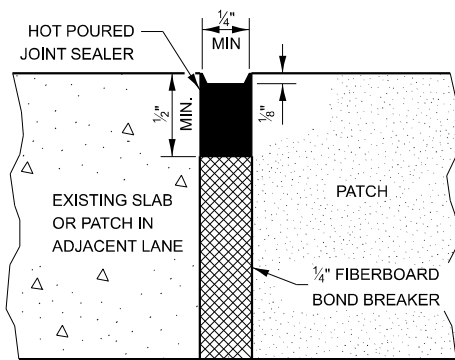
PATCHING WITHOUT HMA OVERLAY



PATCHING WITH HMA OVERLAY



TRANSVERSE JOINT



CENTERLINE JOINT

DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
10" OR GREATER	1 1/2"	1 5/8"
8" THRU 9.99"	1 1/4"	1 3/8"
LESS THAN 8"	1"	1 1/8"

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.

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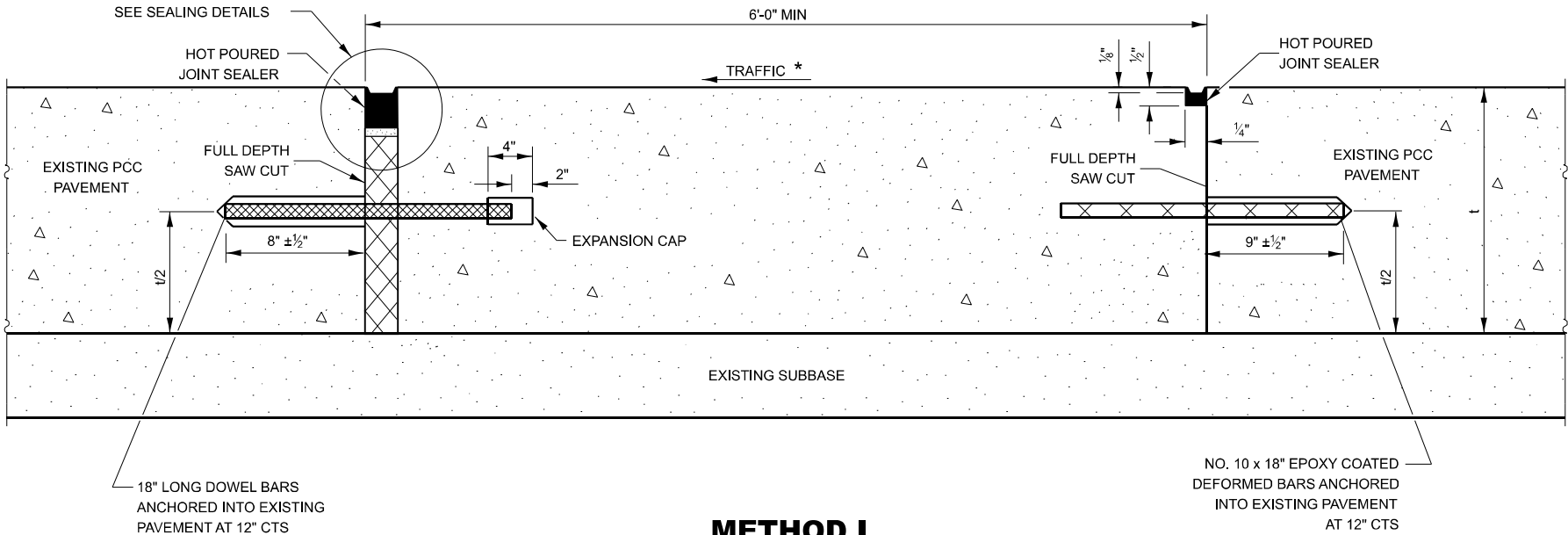
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PLOT DATE = 2/26/2025	DATE - 2/3/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

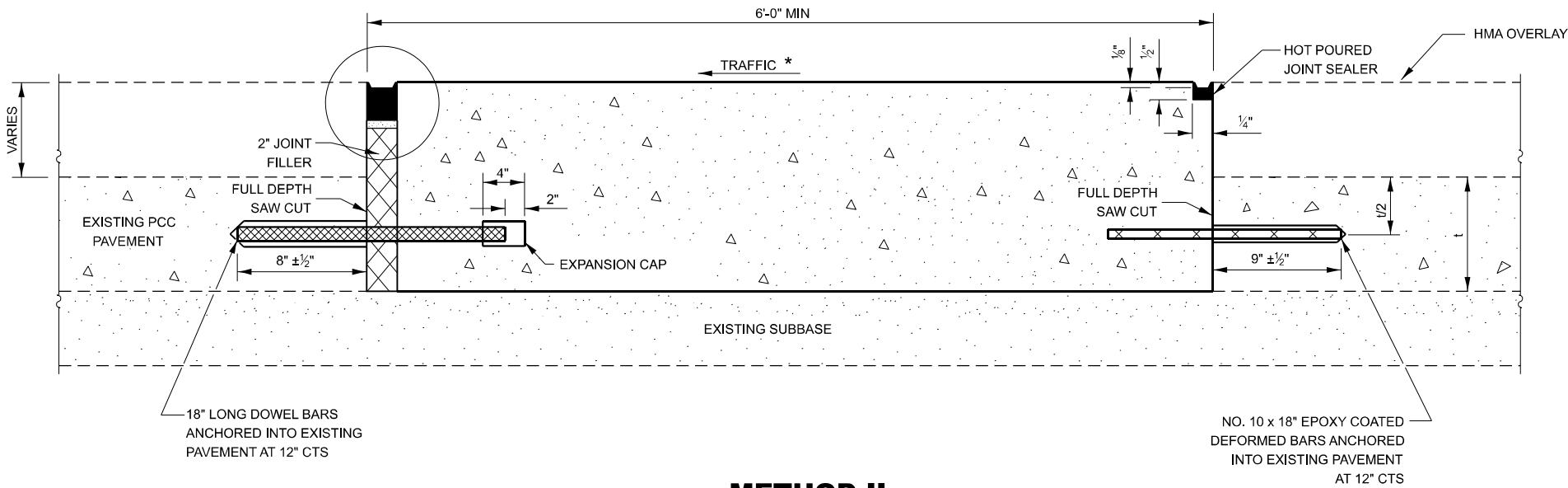
CLASS B PATCHING DETAILS

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

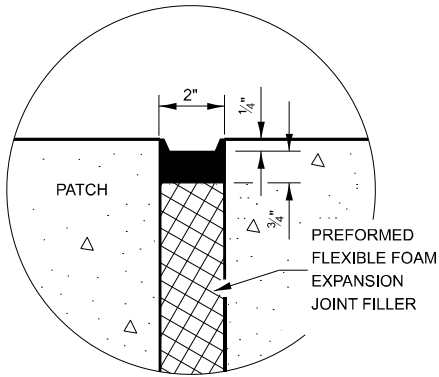
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(14R-17R)PP	IROQUOIS	9	7
CONTRACT NO. 66R52				
ILLINOIS FED. AID PROJECT				



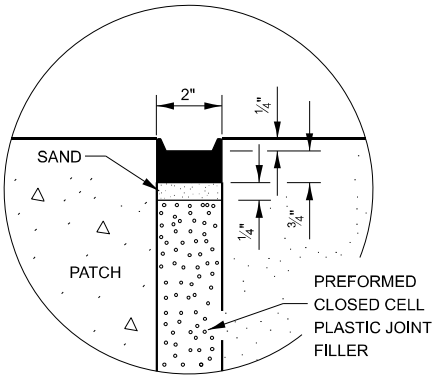
METHOD I
(WITHOUT HMA OVERLAY)



METHOD II
(WITH HMA OVERLAY)



SEALING DETAIL



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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USER NAME = Ronald.Woodshank	DESIGNED - RW	REVISED -
	DRAWN - RW	REVISED -
	CHECKED - JS	REVISED -
PLOT DATE = 2/26/2025	DATE - 2/3/2025	REVISED -

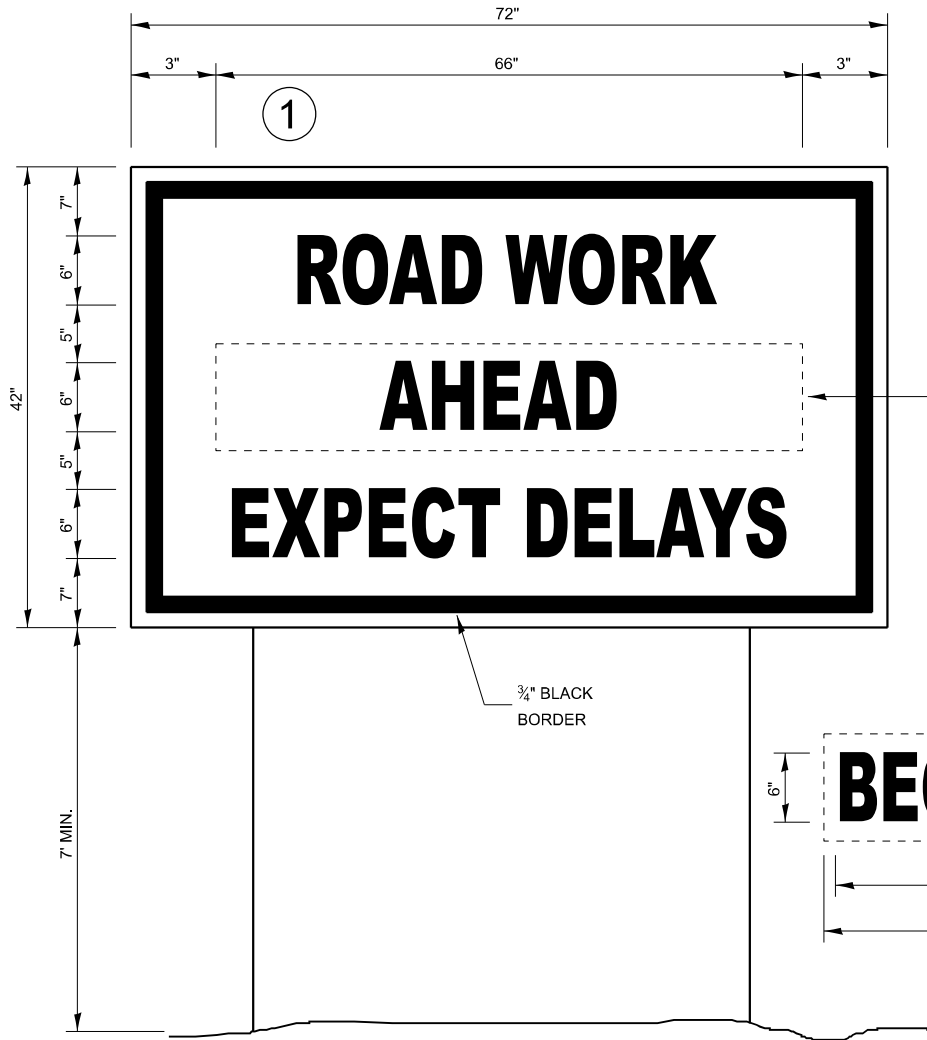
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS B PATCHING DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(14R-17R)PP	IROQUOIS	9	8
CONTRACT NO. 66R52				
ILLINOIS FED. AID PROJECT				

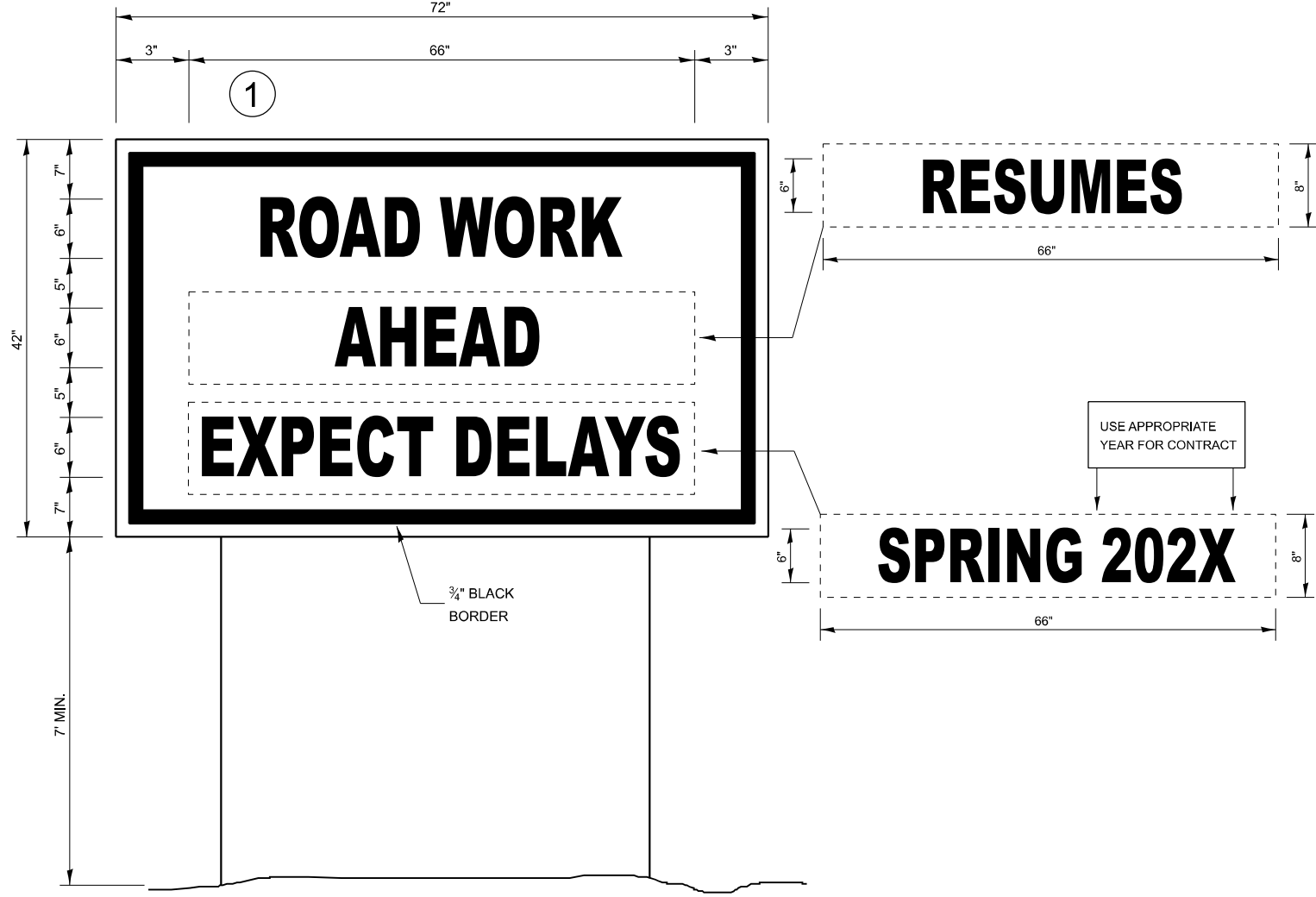
MODEL: Default
FILE NAME: c:\pwwork\woodshank\0920202\66R52.dgn



TEMPORARY INFORMATION SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING", EACH SIGN = 21 SQ FT



WINTER SHUT DOWN SIGNING

	USER NAME = Ronald.Woodshank	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY INFORMATION SIGNING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -					332	(14R-17R)PP	IROQUOIS	9	9
		CHECKED - JS	REVISED -					CONTRACT NO. 66R52				
	PLOT DATE = 2/26/2025	DATE - 2/3/2025	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	