

INDEX OF SHEETS

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- 2. GENERAL NOTES
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- 4. TYPICAL SECTIONS
- 5 - 6. SCHEDULES
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- 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 71A (IL 54)

SECTION (116)PP

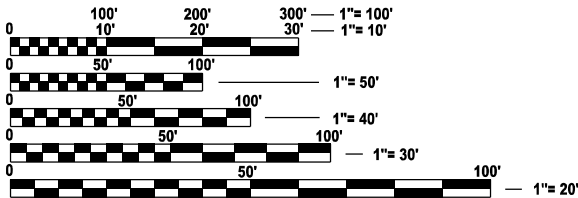
PAVEMENT PATCHING

FORD COUNTY

C-93-120-25

IMPROVEMENT ENDS
IL ROUTE 9/54 INTERSECTION
(GIBSON CITY)
LOG MILF 5.51

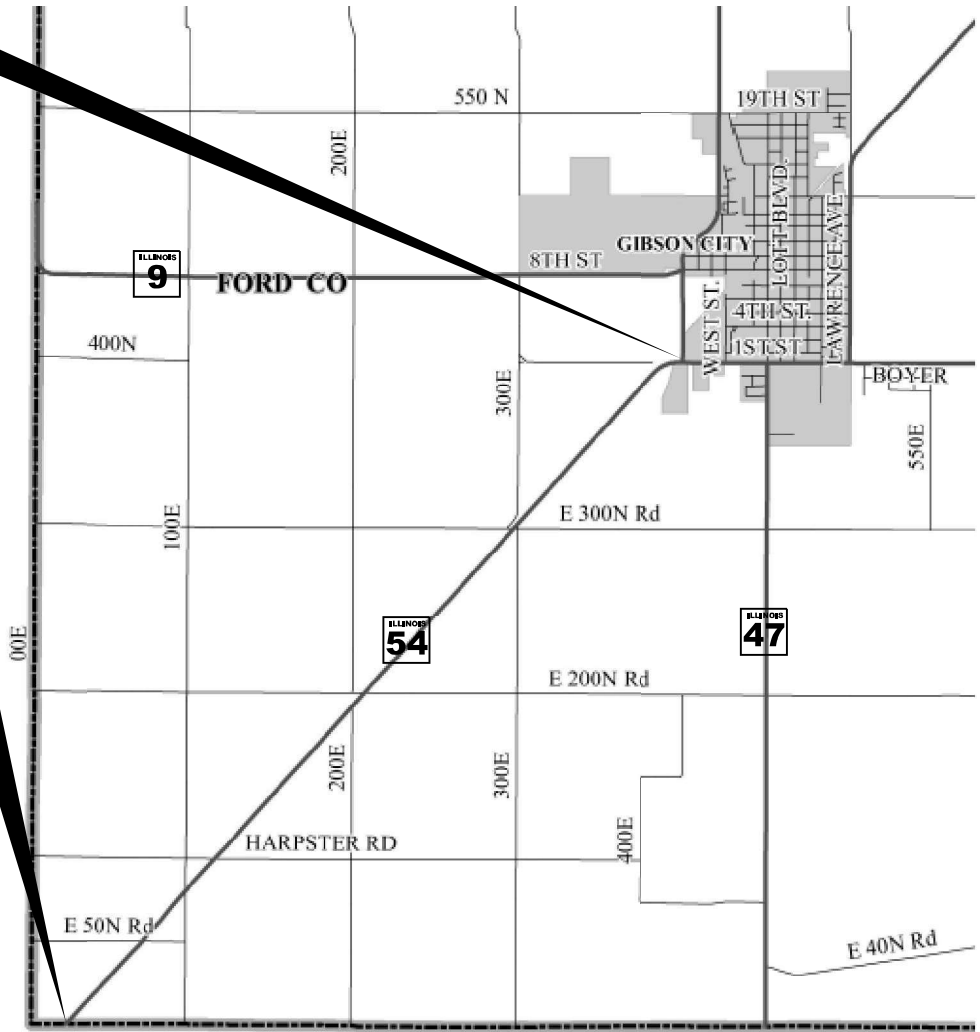
IMPROVEMENT BEGINS
CHAMPAIGN COUNTY LINE
(LOG MILE 0.00)



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

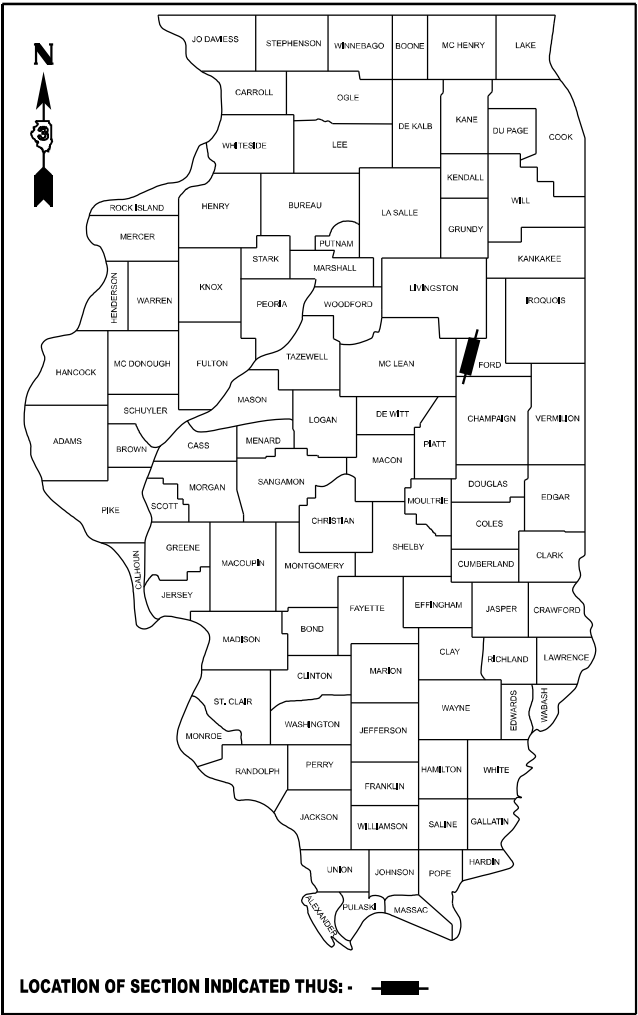
PROJECT ENGINEER JUNIOR SENAT
UNIT CHIEF RON WOODSHANK
DISTRICT 3 (815) 434-6131
CONTRACT NO. 66R57



GROSS LENGTH = 29,093FT. = 5.51 MILE(S)
NET LENGTH = 1,133 FT. = 0.21 MILE(S)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71A	(116)PP	FORD	9	1
		ILLINOIS	CONTRACT NO. 66R57	

D-93-084-25



FUNCTIONAL CLASSIFICATION
RURAL - MINOR ARTERIAL
F.A.P. ROUTE 71A (IL 54)
2023 ADT = 1,150
P.V. 79.0 % S.U. 6.0 % M.U. 15.0 %

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
Charles J. Barry DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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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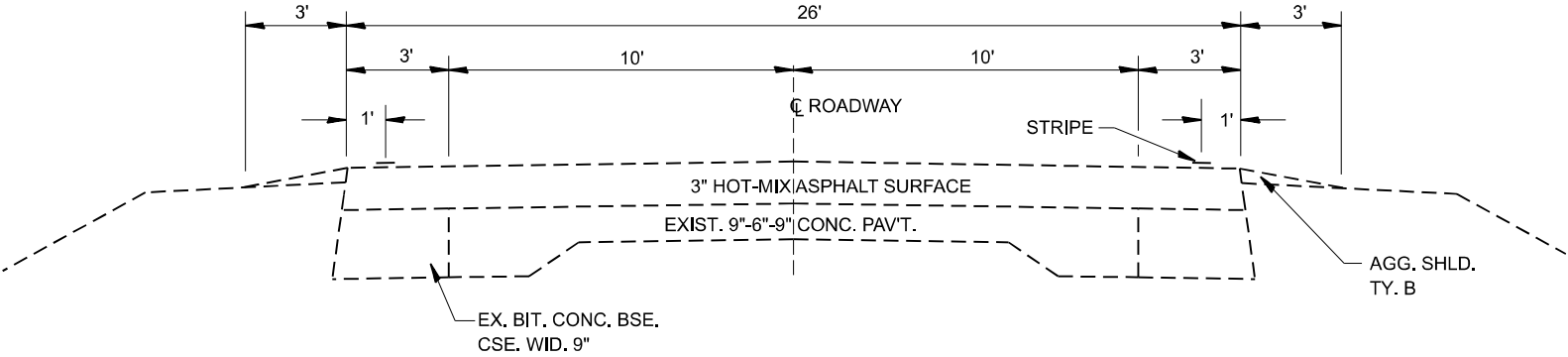
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		CHECKED - JS	REVISED -					CONTRACT NO. 66R57				
	PLOT DATE = 2/4/2025	DATE - 2/3/2025	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: c:\pw_work\pwidth\woodshank\td092032\66R52.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				CONTRACT MAINTENANCE
				100% STATE
				ROADWAY
				0006
				RURAL
44200050	WELDED WIRE REINFORCEMENT	SQ YD	255	255
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	1407	1407
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SQ YD	255	255
44201298	DOWEL BARS 1 1/4"	EACH	3344	3344
44213200	SAW CUTS	FOOT	8235	8235
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

	USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -					71A	(116)PP	FORD	9	3
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TYPICAL SECTION

	USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICALS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -					71A	(116)PP	FORD	9	4
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	PLOT DATE = 2/4/2025	DATE - 2/3/2025	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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PATCHING SCHEDULE

LOCATION	WESTBOUND LANE							EASTBOUND LANE						
	PATCH	PATCH	CLASS B		DOWEL	SAW	WELDED	PATCH	PATCH	CLASS B		DOWEL	SAW	WELDED
	LENGTH	WIDTH	TYPE	TYPE	BARS	CUTS	WIRE	LENGTH	WIDTH	TYPE	TYPE	BARS	CUTS	WIRE
			II	III	1¼"		REINF.			II	III	1¼"		REINF.
LOG MILE	FEET	FEET	SQ YD	SQ YD	EACH	FOOT	SQ YD	FEET	FEET	SQ YD	SQ YD	EACH	FOOT	SQ YD
0.03	10	13	14		22	59		10	13	14		22	59	
0.04								8	13	12		22	55	
0.05	6	13	9		22	51		6	13	9		22	51	
0.10	8	13	12		22	55		8	13	12		22	55	
0.10	10	13	14		22	59		10	13	14		22	59	
0.10	8	13	12		22	55		8	13	12		22	55	
0.10	6	13	9		22	51		6	13	9		22	51	
0.20	8	13	12		22	55		8	13	12		22	55	
0.20	6	13	9		22	51		6	13	9		22	51	
0.20	6	13	9		22	51								
0.20	6	13	9		22	51								
0.40	8	13	12		22	55		8	13	12		22	55	
0.40	6	13	9		22	51								
0.40	6	13	9		22	51								
0.50	10	13	14		22	59		10	13	14		22	59	
0.60	12	13		17	22	63	17	12	13		17	22	63	17
0.60								6	13	9		22	51	
0.60								6	13	9		22	51	
0.60								6	13	9		22	51	
0.70								6	13	9		22	51	
0.70								6	13	9		22	51	
0.80	6	13	9		22	51		6	13	9		22	51	
0.80	6	13	9		22	51		6	13	9		22	51	
0.90	10	13	14		22	59		10	13	14		22	59	
0.90								6	13	9		22	51	
1.00	6	13	9		22	51		6	13	9		22	51	
1.00	8	13	12		22	55		8	13	12		22	55	
1.10								6	13	9		22	51	
1.10	6	13	9		22	51		6	13	9		22	51	
1.20	8	13	12		22	55								
1.20	6	13	9		22	51		6	13	9		22	51	
1.30	10	13	14		22	59		10	13	14		22	59	
1.30	8	13	12		22	55		8	13	12		22	55	
1.40	6	13	9		22	51								
1.40	6	13	9		22	51								
1.40	12	13		17	22	63	17							
1.50	6	13	9		22	51								
1.50	6	13	9		22	51								
1.60	6	13	9		22	51		6	13	9		22	51	
1.60	6	13	9		22	51								
1.60	6	13	9		22	51								
1.60	8	13	12		22	55		8	13	12		22	55	
1.00	6	13	9		22	51		6	13	9		22	51	
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1.90	6	13	9		22	51		6	13	9		22	51	
2.00	8	13	12		22	55								
2.00								6	13	9		22	51	
2.10	6	13	9		22	51		6	13	9		22	51	
2.10	8	13	12		22	55		8	13	12		22	55	
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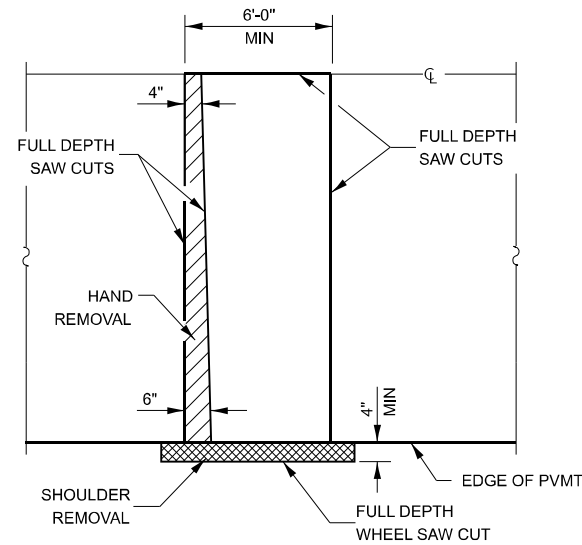
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		DRAWN - RW	REVISED -						71A	(116)PP	FORD	9	5
		CHECKED - JS	REVISED -		SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.				CONTRACT NO. 66R57				
	PLOT DATE = 3/22/2025	DATE - 2/3/2025	REVISED -						ILLINOIS FED. AID PROJECT				

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PATCHING SCHEDULE

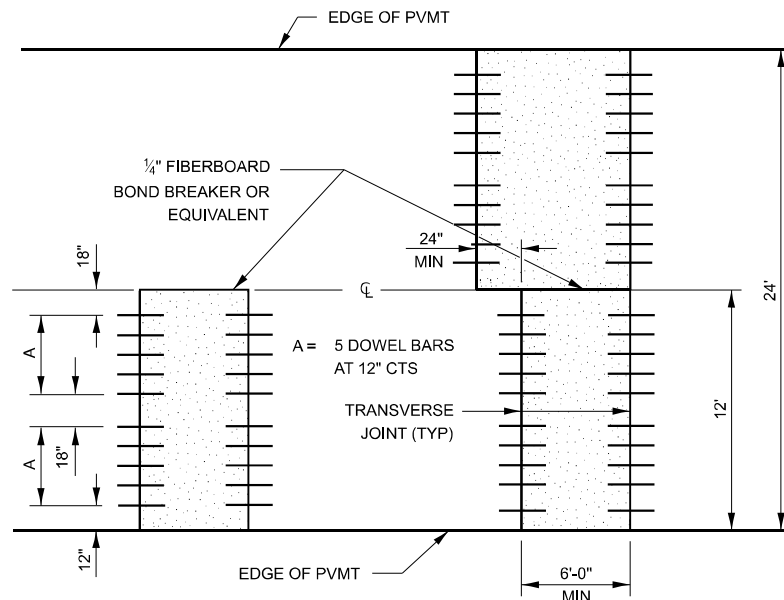
LOCATION	WESTBOUND LANE							EASTBOUND LANE						
	PATCH	PATCH	CLASS B		DOWEL	SAW	WELDED	PATCH	PATCH	CLASS B		DOWEL	SAW	WELDED
	LENGTH	WIDTH	TYPE	TYPE	BARS	CUTS	WIRE	LENGTH	WIDTH	TYPE	TYPE	BARS	CUTS	WIRE
			II 12"	III 12"	1¼"		REINF.			II 12"	III 12"	1¼"		REINF.
LOG MILE	FEET	FEET	SQ YD	SQ YD	EACH	FOOT	SQ YD	FEET	FEET	SQ YD	SQ YD	EACH	FOOT	SQ YD
2.20	6	13	9		22	51								
2.20	6	13	9		22	51								
2.20	6	13	9		22	51								
2.40	6	13	9		22	51								
2.40	6	13	9		22	51								
2.40	6	13	9		22	51								
2.50	10	13	14		22	59		10	13	14		22	59	
2.60	8	13	12		22	55								
2.60								6	13	9		22	51	
2.60	6	13	9		22	51								
2.70								6	13	9		22	51	
2.70								6	13	9		22	51	
2.80								8	13	12		22	55	
2.90	6	13	9		22	51		6	13	9		22	51	
2.90	12	13		17	22	63	17	12	13		17	22	63	17
3.00	12	13		17	22	63	17	12	13		17	22	63	17
3.10	6	13	9		22	51		6	13	9		22	51	
3.10	6	13	9		22	51		6	13	9		22	51	
3.10	8	13	12		22	55								
3.20								6	13	9		22	51	
3.20								6	13	9		22	51	
3.20								6	13	9		22	51	
3.40	6	13	9		22	51		6	13	9		22	51	
3.40	8	13	12		22	55		8	13	12		22	55	
3.40	6	13	9		22	51		6	13	9		22	51	
3.40	12	13		17	22	63	17	12	13		17	22	63	17
3.50	12	13		17	22	63	17	12	13		17	22	63	17
3.50								6	13	9		22	51	
3.60	6	13	9		22	51								
3.60	6	13	9		22	51								
3.70	8	13	12		22	55								
3.70	6	13	9		22	51								
3.70	6	13	9		22	51								
3.90	8	13	12		22	55		8	13	12		22	55	
3.90	6	13	9		22	51		6	13	9		22	51	
3.90	12	13		17	22	63	17	12	13		17	22	63	17
4.00	8	13	12		22	55		8	13	12		22	55	
4.00	8	13	12		22	55		8	13	12		22	55	
4.00	6	13	9		22	51								
4.00	6	13	9		22	51								
4.10	8	13	12		22	55		8	13	12		22	55	
4.20	12	13		17	22	63	17	12	13		17	22	63	17
4.60								6	13	9		22	51	
4.60								6	13	9		22	51	
4.60								6	13	9		22	51	
4.70	6	13	9		22	51		6	13	9		22	51	
4.70	6	13	9		22	51								
4.70	6	13	9		22	51								
4.90	8	13	12		22	55		8	13				55	
4.90	8	13	12		22	55		8	13	12		22	55	
5.00								6	13	9		22	51	
SUBTOTAL			332	102	858	2109	102			260	102	704	1795	102
TOTAL			759	136	1804	4410	136			648	119	1540	3825	119

	USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -					71A	(116)PP	FORD	9	6
		CHECKED - JS	REVISED -		SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.			CONTRACT NO. 66R57				
	PLOT DATE = 3/22/2025	DATE - 2/3/2025	REVISED -					ILLINOIS FED. AID PROJECT				

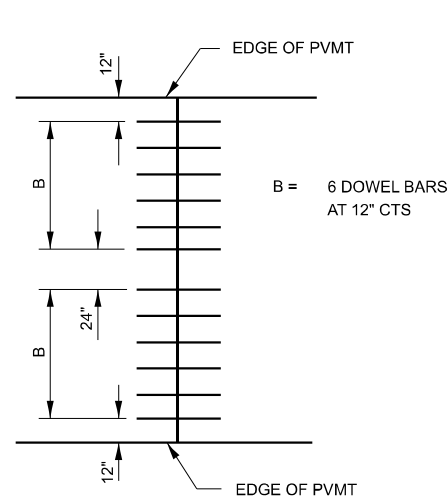


PAVEMENT SAWING DETAIL

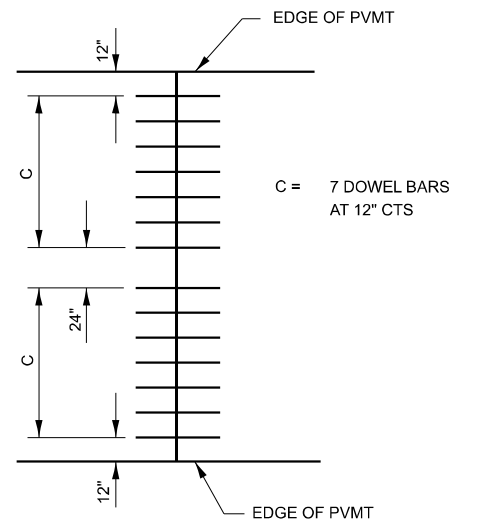
(HMA SHOULDER)



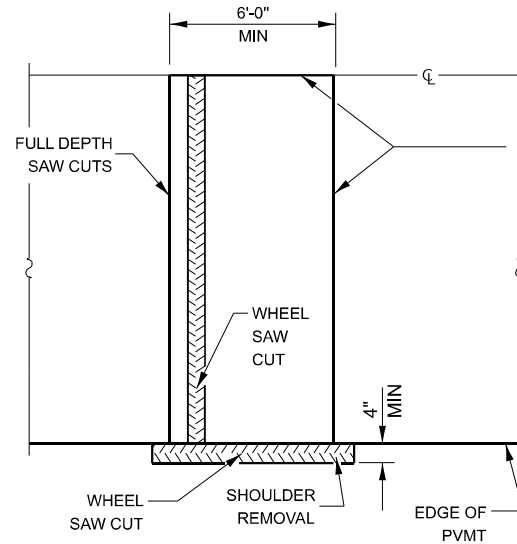
12' WIDE LANES



14' WIDE RAMP

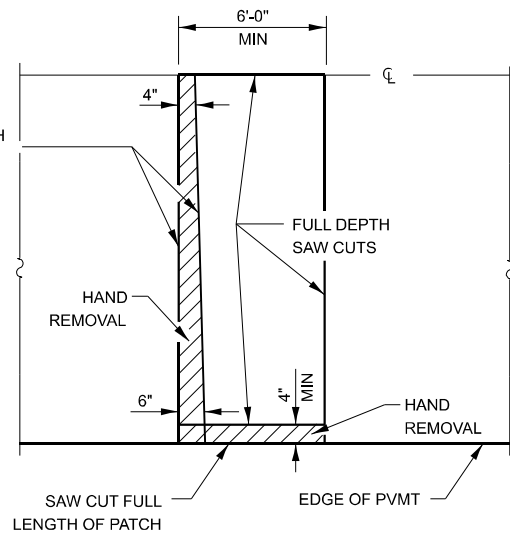


16' WIDE RAMP



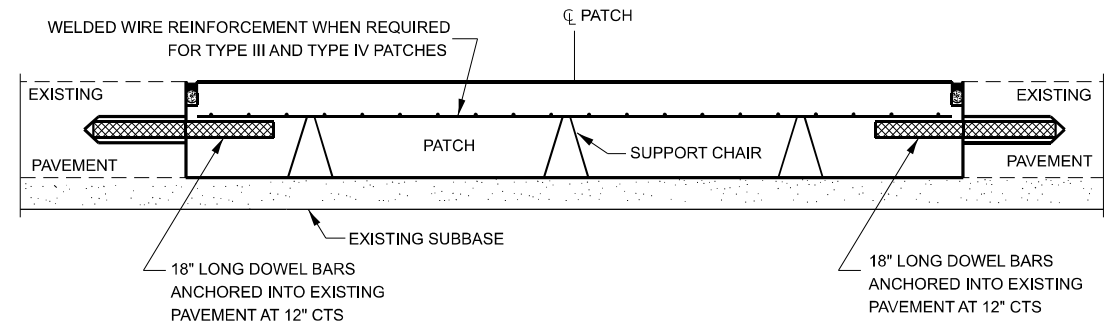
ALTERNATE SAWING DETAIL

(HMA SHOULDER)

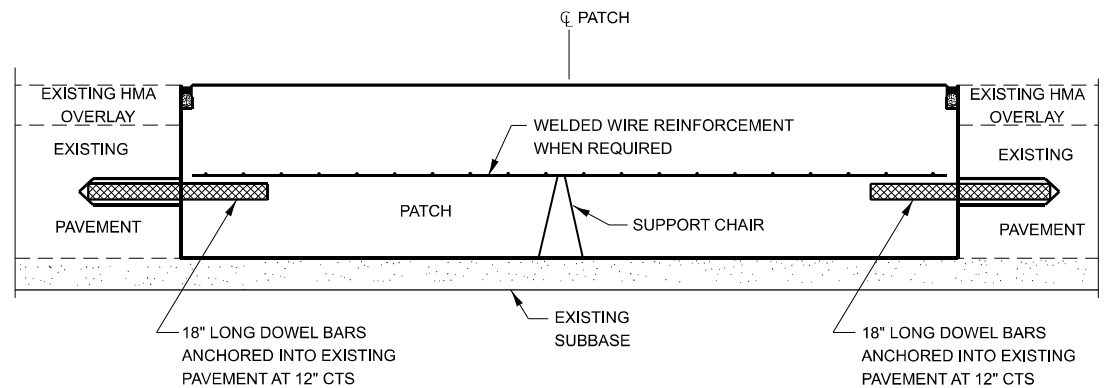


PAVEMENT SAWING DETAIL

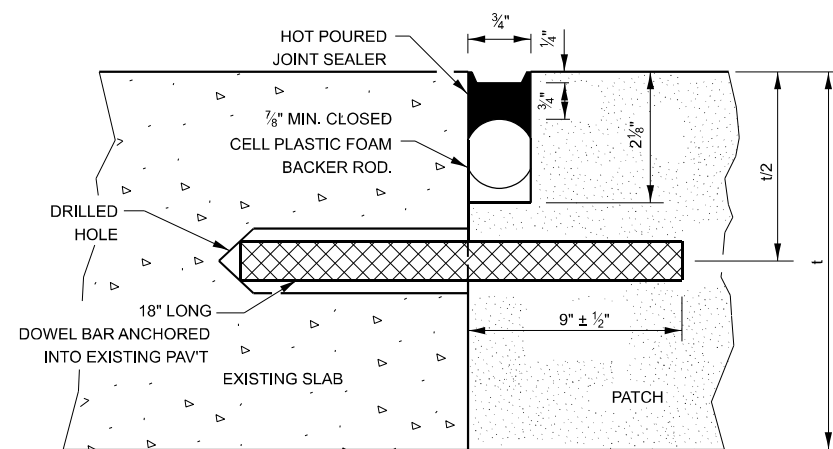
(PCC SHOULDER)



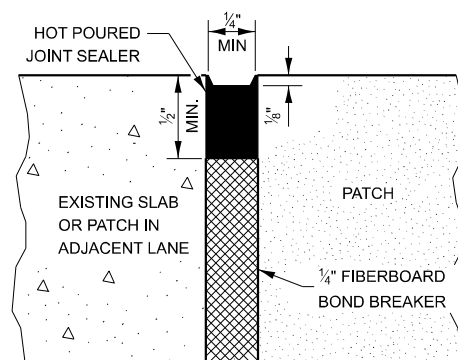
PATCHING WITHOUT HMA OVERLAY



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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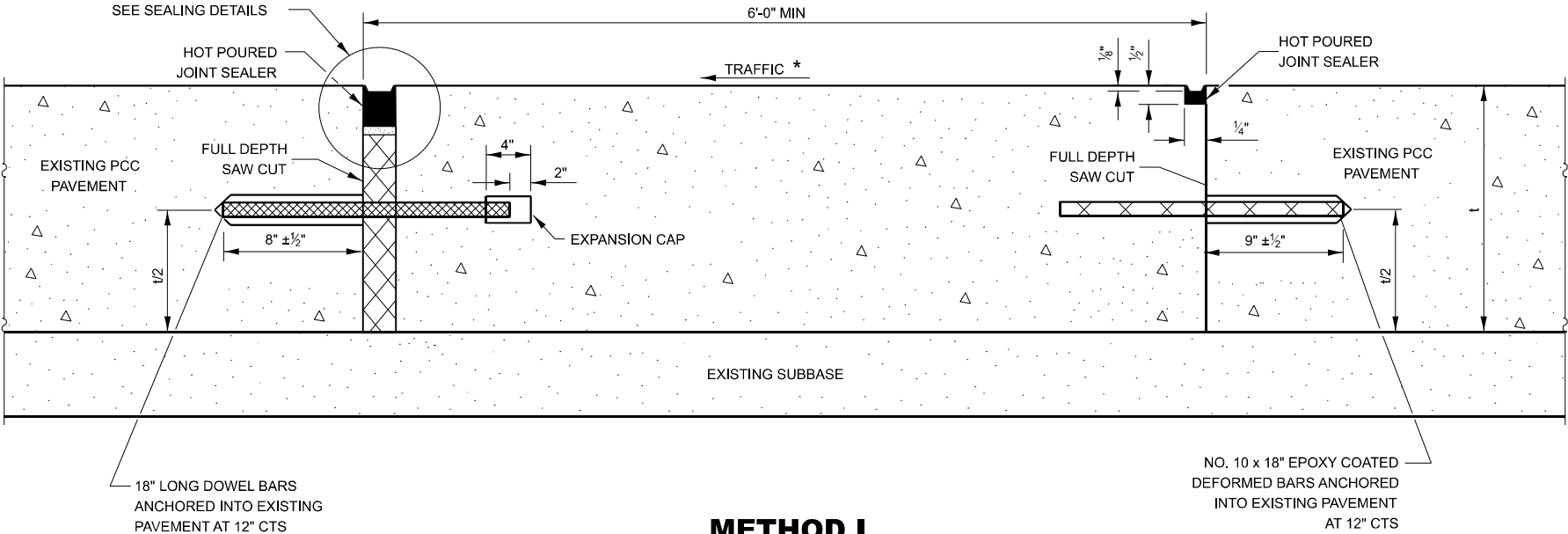
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	DRAWN - RW	REVISED -
	CHECKED - JS	REVISED -
PLOT DATE = 2/26/2025	DATE - 2/3/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

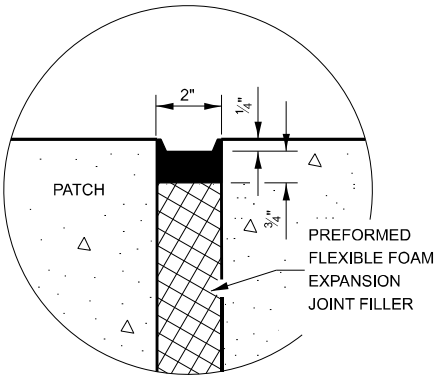
CLASS B PATCHING DETAILS

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

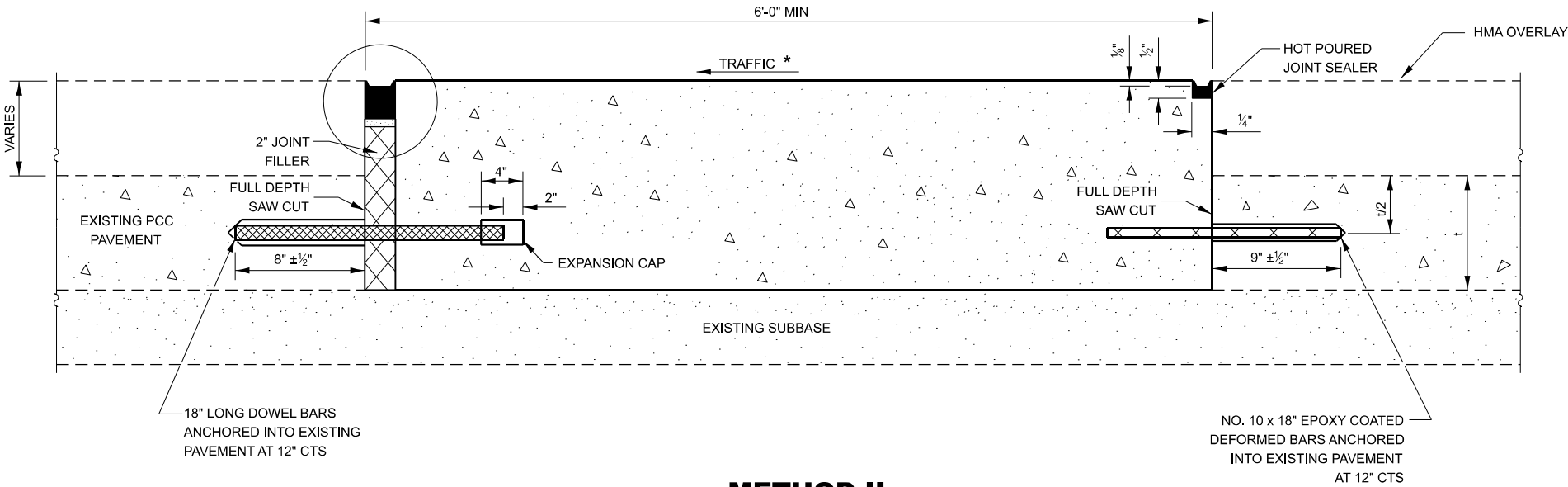
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71A	(116)PP	FORD	9	7
CONTRACT NO. 66R57				
ILLINOIS FED. AID PROJECT				



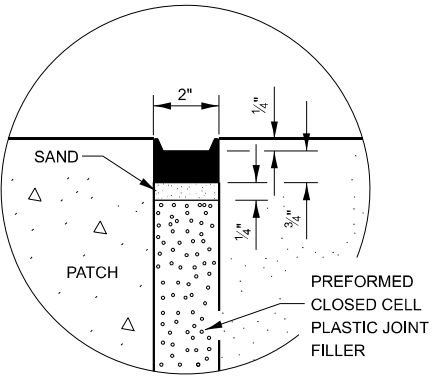
METHOD I
(WITHOUT HMA OVERLAY)



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
FILE NAME: c:\pwwork\woodshank\td092032\66R52.dgn

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

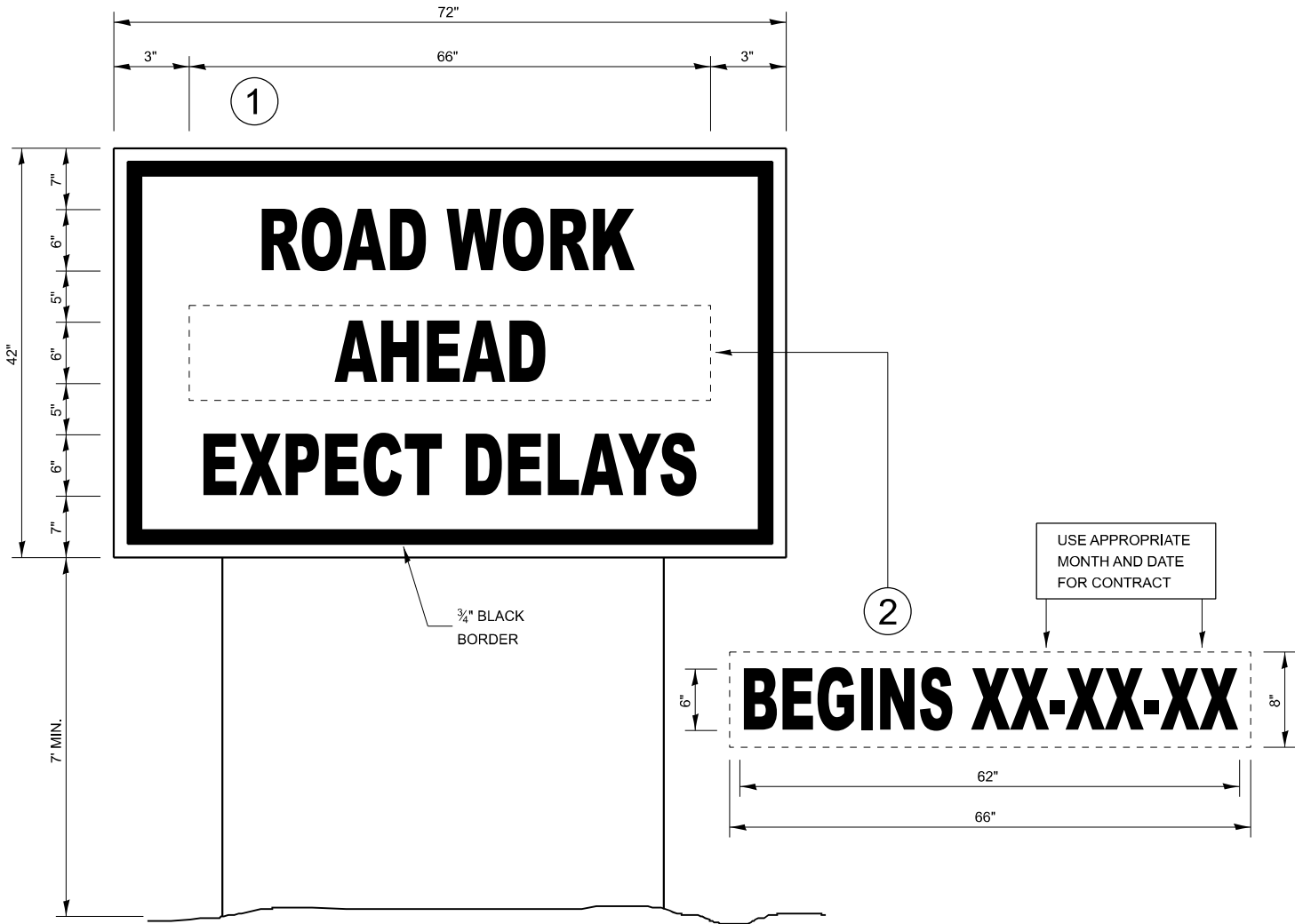
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS B PATCHING DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71A	(116)PP	FORD	9	8
CONTRACT NO. 66R57				
ILLINOIS		FED. AID PROJECT		

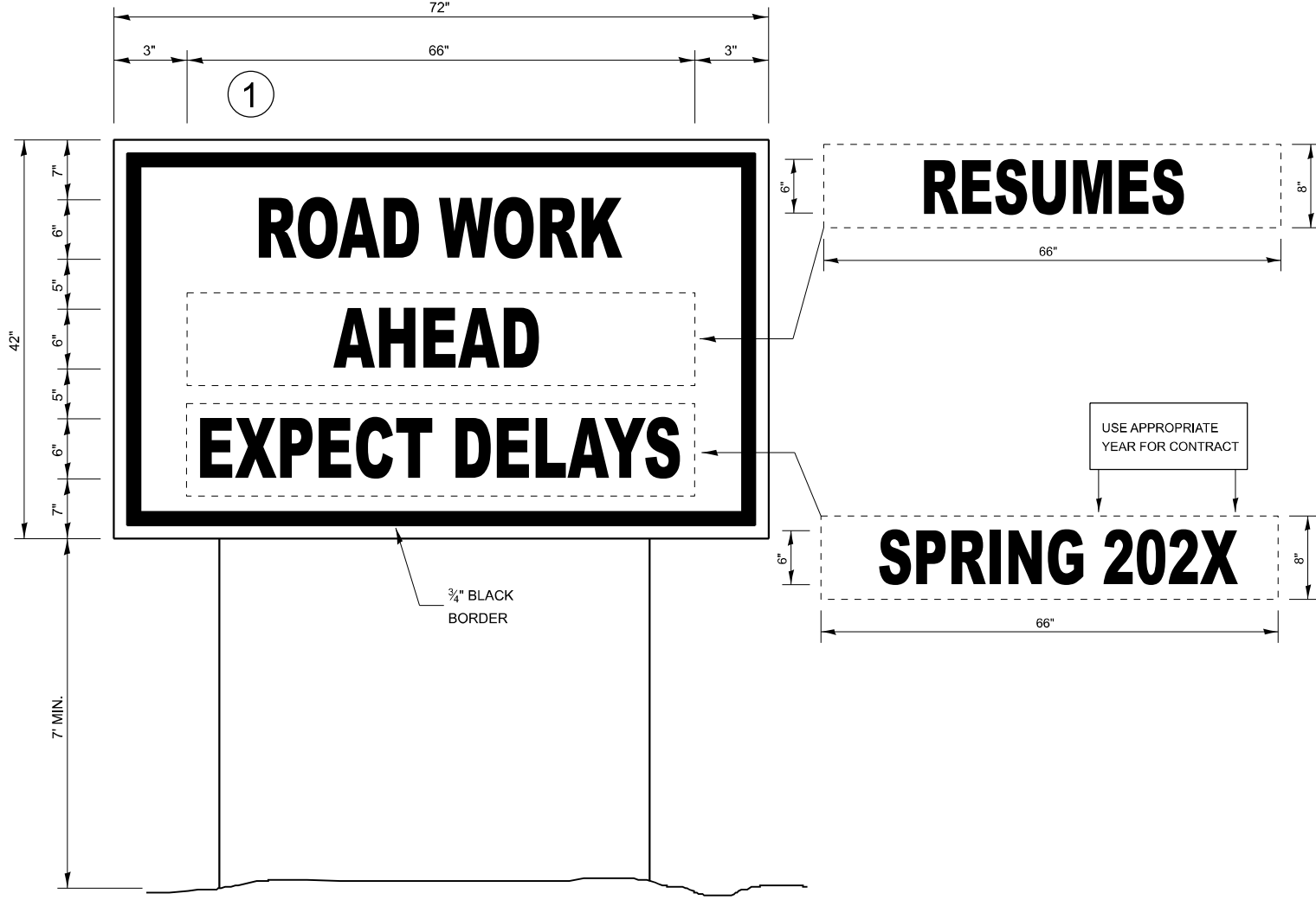
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TEMPORARY INFORMATION SIGNING

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 -					71A	(116)PP	FORD	9	9
		CHECKED - JS	REVISED -					CONTRACT NO. 66R57				
	PLOT DATE = 2/26/2025	DATE - 2/3/2025	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	