

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 796 (IL 115)
SECTION (5,6)PP
CLASS B PAVEMENT PATCHING
FORD COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
796	(5,6)PP	FORD	9	1
		ILLINOIS	CONTRACT NO. 66P13	

D-93-024-24



LOCATION OF SECTION INDICATED THUS: -

FUNCTIONAL CLASSIFICATION

RURAL MAJOR COLLECTOR

F.A.P. ROUTE 796 (IL 115)

2021 ADT = 550

P.V. 89.2 % S.U. 5.4 % M.U. 5.4 %

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 19, 2024

Trisha Thompson REGIONAL ENGINEER

January 31, 2025

Seal of the State of Illinois
ENGINEER OF DESIGN AND ENVIRONMENT

January 31, 2025

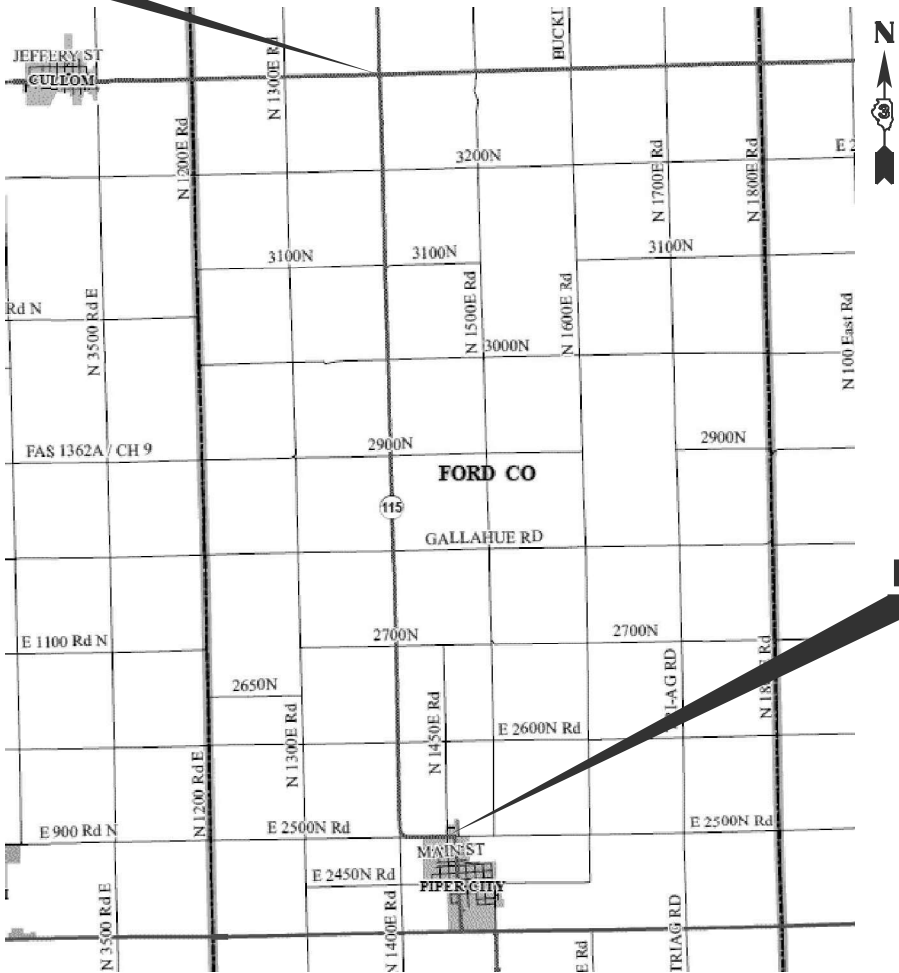
5
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

END IMPROVEMENT

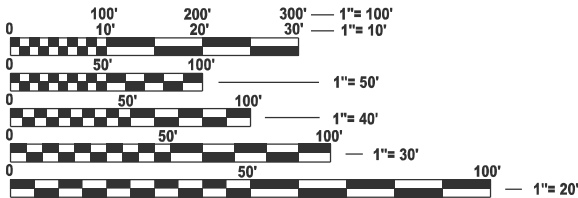
IL ROUTE 115/116
INTERSECTION
LOG MILE 8.50

C-93-057-24



BEGIN IMPROVEMENT

PINE STREET
(N 1450 E RD.)
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 YOGESH PATEL P.E.
UNIT CHIEF RON WOODSHANK
DISTRICT 3 (815) 434-6131

CONTRACT NO. 66P13

GROSS LENGTH = 44,880.0 FT. = 8.50 MILE
NET LENGTH = 1,519 FT. = 0.29 MILE

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

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:

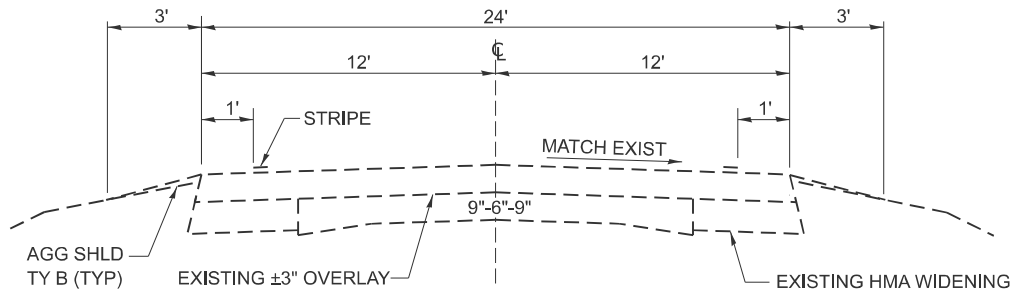
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	USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -					796	(5,6)PP	FORD	9	2
	PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED -					CONTRACT NO. 66P13				
	PLOT DATE = 7/26/2024	DATE - 1/13/2024	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
				0006
				RURAL
44200050	WELDED WIRE REINFORCEMENT	SQ YD	235	235
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	1739	1739
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SQ YD	242	242
44201000	CLASS B PATCHES, TYPE IV, 12 INCH	SQ YD	50	50
44201298	DOWEL BARS 1 1/4"	EACH	4260	4260
44213200	SAW CUTS	FOOT	10973	10973
67100100	MOBILIZATION	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
Z0030850	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 -					796	(5,6)PP	FORD	9	3
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	PLOT DATE = 7/26/2024	DATE - 1/13/2024	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



TYPICAL SECTION
LOG MILE 0.00 TO LOG MILE 8.50

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	PLOT DATE = 7/26/2024	DATE - 1/13/2024	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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PATCHING SCHEDULE																
LOCATION	EASTBOUND LANE								WESTBOUND LANE							
	PATCH LENGTH	PATCH WIDTH	CLASS B			DOWEL BARS 1 1/4"	SAW CUTS	WELDED WIRE REINF.	PATCH LENGTH	PATCH WIDTH	CLASS B			DOWEL BARS 1 1/4"	SAW CUTS	WELDED WIRE REINF.
			TYPE II 12"	TYPE III 12"	TYPE IV 12"						TYPE II 12"	TYPE III 12"	TYPE IV 12"			
MILE MARKER	FEET	FEET	SQ YD	SQ YD	SQ YD	EACH	FOOT	SQ YD	FEET	FEET	SQ YD	SQ YD	SQ YD	EACH	FOOT	SQ YD
0.00	PINE STREET (1450E RD.)															
1.300	14	12		19		20	67	19	6	12	8			20	51	
1.400	6	12	8			20	51		10	12	13			20	59	
1.557	8	12	11			20	55		8	12	11			20	55	
1.600	8	12	11			20	55		8	12	11			20	55	
1.966	8	12	11			20	55		8	12	11			20	55	
1.999	6	12	8			20	51		8	12	11			20	55	
2.000	6	12	8			20	51		14	12		19		20	67	
2.101	8	12	11			20	55		8	12	11			20	55	
2.300	10	12	13			20	59		10	12	13			20	59	
2.380	10	12	13			20	59		10	12	13			20	59	
2.425	10	12	13			20	59		6	12	8			20	51	
2.516	6	12	8			20	51		6	12	8			20	51	
2.537	14	12		19		20	67	19	14	12		19		20	67	
2.595	8	12	11			20	55		8	12	11			20	55	
2.638	6	12	8			20	51		6	12	8			20	51	
2.655	6	12	8			20	51		6	12	8			20	51	
2.666	8	12	11			20	55		6	12	8			20	51	
2.723	8	12	11			20	55		8	12	11			20	55	
2.822	6	12	8			20	51		6	12	8			20	51	
2.881	19	12			25	20	77	25	19	12			25	20	77	25
2.896	10	12	13			20	59		10	12	13			20	59	
2.922	8	12	11			20	55		8	12	11			20	55	
2.954	8	12	11			20	55		8	12	11			20	55	
2.971	6	12	8			20	51		6	12	8			20	51	
3.131	10	12	13			20	59		10	12	13			20	59	
3.238	8	12	11			20	55		6	12	8			20	51	
3.355	6	12	8			20	51		6	12	8			20	51	
3.801	8	12	11			20	52		8	12	11			20	52	
3.811	6	12	8			20	48		6	12	8			20	48	
3.820	6	12	8			20	48		6	12	8			20	48	
3.834	6	12	8			20	48		6	12	8			20	48	
3.937	10	12	13			20	56		10	12	13			20	56	
4.161	6	12	8			20	48		6	12	8			20	48	
4.187	6	12	8			20	48		6	12	8			20	48	
4.309	6	12	8			20	48		6	12	8			20	48	
4.388	6	12	8			20	48		6	12	8			20	48	
4.400	6	12	8			20	48		6	12	8			20	48	
4.495	6	12	8			20	48		6	12	8			20	48	
4.616	6	12	8			20	48		6	12	8			20	48	
4.732	6	12	8			20	48		6	12	8			20	48	
4.754	6	12	8			20	48		6	12	8			20	48	
4.924	8	12	11			20	52		8	12	11			20	52	
SUBTOTAL			378	38	25	840	2251	63			375	38	25	840	2247	25

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
	DRAWN - RW	REVISED -
PLOT SCALE = \$S\$CALES	CHECKED - YP	REVISED -
PLOT DATE = 7/26/2024	DATE - 1/13/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

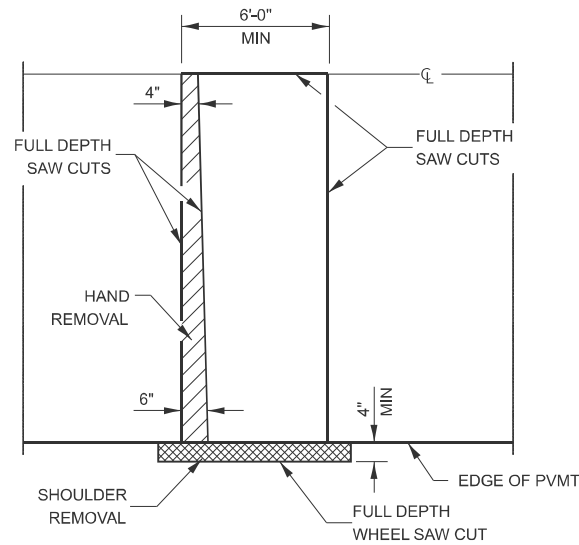
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
796	(5,6)PP	FORD	9	5
CONTRACT NO. 66P13				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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PATCHING SCHEDULE

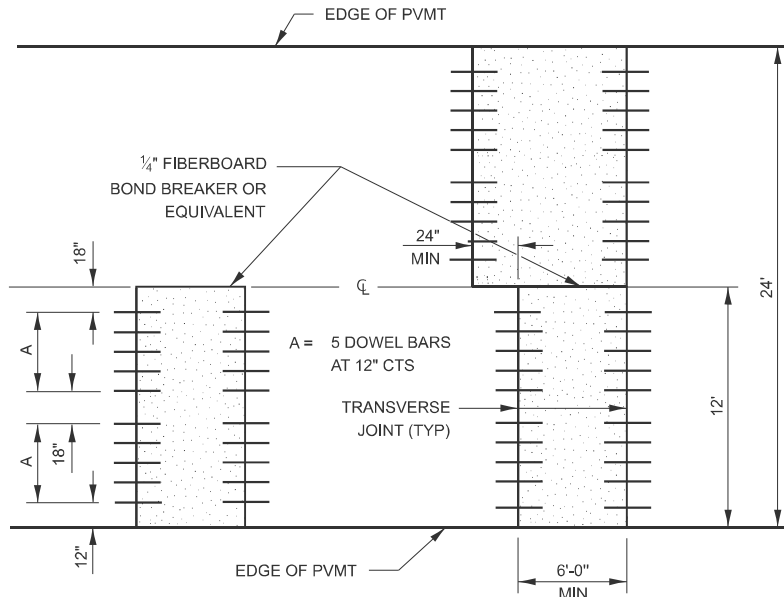
LOCATION	EASTBOUND LANE								WESTBOUND LANE							
	PATCH LENGTH	PATCH WIDTH	CLASS B			DOWEL BARS 1 1/4"	SAW CUTS	WELDED WIRE REINF.	PATCH LENGTH	PATCH WIDTH	CLASS B			DOWEL BARS 1 1/4"	SAW CUTS	WELDED WIRE REINF.
			TYPE II 12"	TYPE III 12"	TYPE IV 12"						TYPE II 12"	TYPE III 12"	TYPE IV 12"			
MILE MARKER	FEET	FEET	SQ YD	SQ YD	SQ YD	EACH	FOOT	SQ YD	FEET	FEET	SQ YD	SQ YD	SQ YD	EACH	FOOT	SQ YD
5.013	6	12	8			20	48		6	12	8			20	48	
5.116	6	12	8			20	48		6	12	8			20	48	
5.293	8	12	11			20	52		8	12	11			20	52	
5.326	6	12	8			20	48		6	12	8			20	48	
5.339	6	12	8			20	48		6	12	8			20	48	
5.364	6	12	8			20	48		6	12	8			20	48	
5.413	6	12	8			20	48		6	12	8			20	48	
5.461	6	12	8			20	48		6	12	8			20	48	
5.476	6	12	8			20	48		6	12	8			20	48	
5.000	8	12	11			20	52		8	12	11			20	52	
5.664	6	12	8			20	48		6	12	8			20	48	
5.787	6	12	8			20	48		6	12	8			20	48	
5.835	6	12	8			20	48		6	12	8			20	48	
5.867	6	12	8			20	48		6	12	8			20	48	
5.892	6	12	8			20	51		6	12	8			20	51	
6.104	6	12	8			20	51		6	12	8			20	51	
6.140	6	12	8			20	51		6	12	8			20	51	
6.153	6	12	8			20	51		6	12	8			20	51	
6.358	6	12	8			20	51		6	12	8			20	51	
6.402	6	12	8			20	51		6	12	8			20	51	
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6.637	6	12	8			20	51		6	12	8			20	51	
6.685	6	12	8			20	51		6	12	8			20	51	
6.719	6	12	8			20	51		6	12	8			20	51	
6.816	6	12	8			20	51		6	12	8			20	51	
6.821	10	12	13			20	59		6	12	8			20	51	
7.011	6	12	8			20	51		6	12	8			20	51	
7.054	6	12	8			20	51		6	12	8			20	51	
7.085	6	12	8			20	51		6	12	8			20	51	
7.160	6	12	8			20	51		6	12	8			20	51	
7.266	6	12	8			20	51		6	12	8			20	51	
7.340	6	12	8			20	51		6	12	8			20	51	
7.461	6	12	8			20	51		6	12	8			20	51	
7.493	6	12	8			20	51		6	12	8			20	51	
7.515	6	12	8			20	51		6	12	8			20	51	
7.618	6	12	8			20	51		6	12	8			20	51	
7.666	12	12		16		20	63	16	12	12		16		20	63	16
7.780	14	12		19		20	67	19	14	12		19		20	67	19
7.805	14	12		19		20	67	19	14	12		19		20	67	19
7.832	6	12	8			20	51		6	12	8			20	51	
7.955	6	12	8			20	51		6	12	8			20	51	
8.229	6	12	8			20	51		6	12	8			20	51	
8.278	6	12	8			20	51		6	12	8			20	51	
SUBTOTAL			331	54	0	860	2211	54			326	54	0	860	2203	54

	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 -					796	(5,6)PP	FORD	9	6
	PLOT SCALE = \$ \$CALES	CHECKED - YP	REVISED -		SCALE:			SHEET 2 OF 3 SHEETS STA.			CONTRACT NO. 66P13	
	PLOT DATE = 7/26/2024	DATE - 1/13/2024	REVISED -					ILLINOIS FED. AID PROJECT				

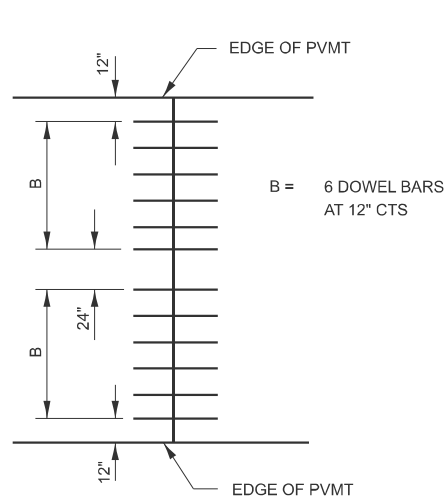


PAVEMENT SAWING DETAIL

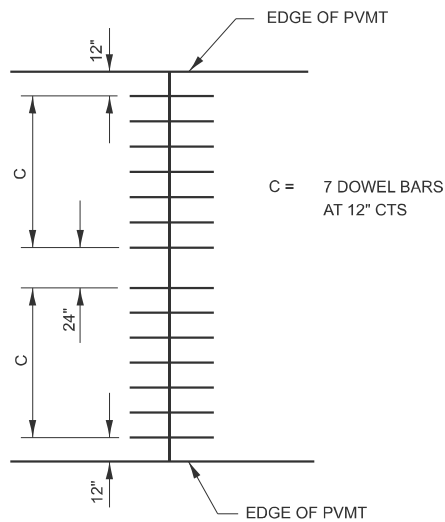
(HMA SHOULDER)



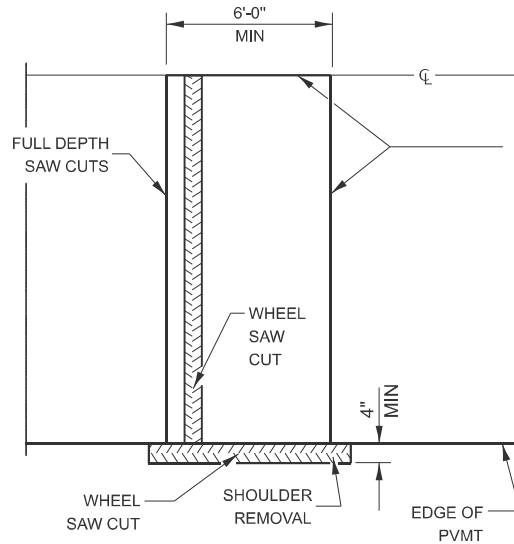
12' WIDE LANES



14' WIDE RAMP

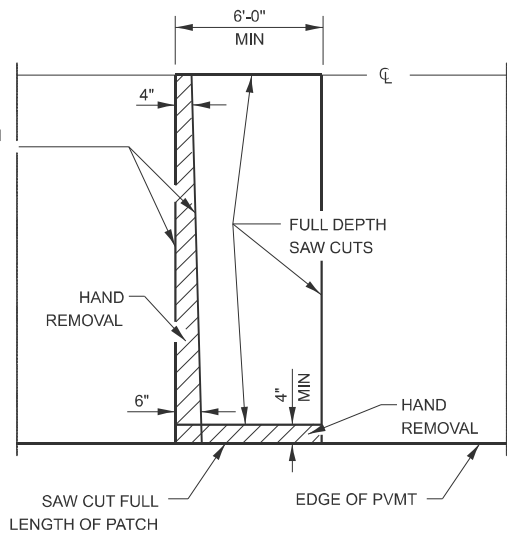


16' WIDE RAMP



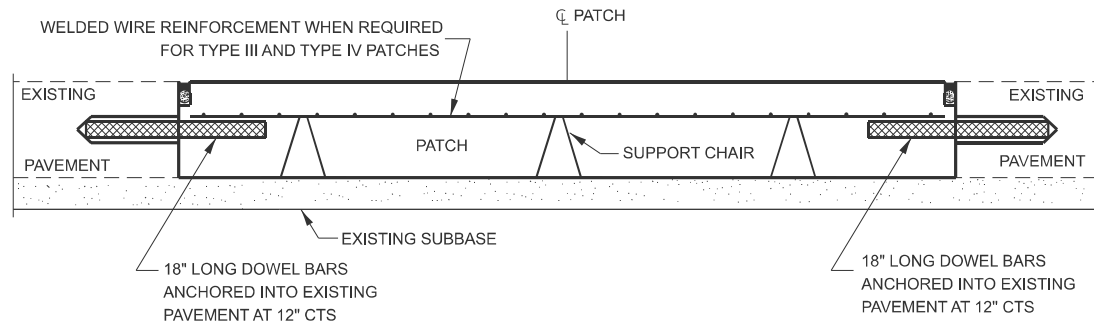
ALTERNATE SAWING DETAIL

(HMA SHOULDER)

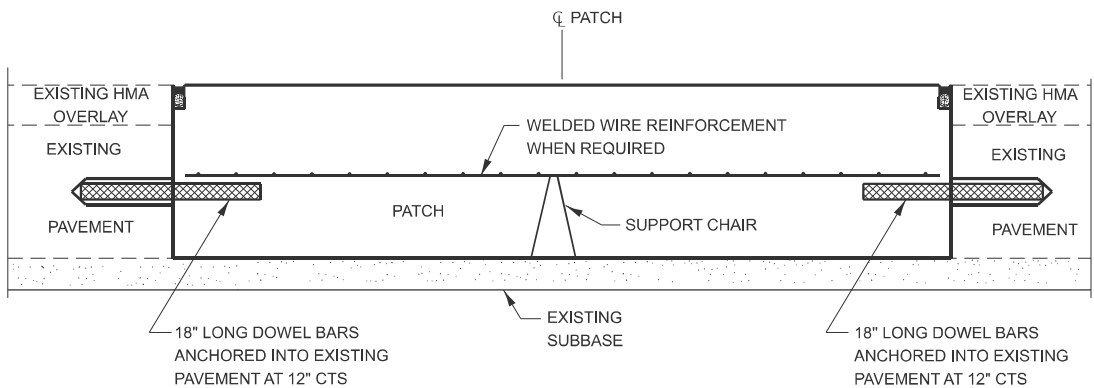


PAVEMENT SAWING DETAIL

(PCC SHOULDER)



PATCHING WITHOUT HMA OVERLAY

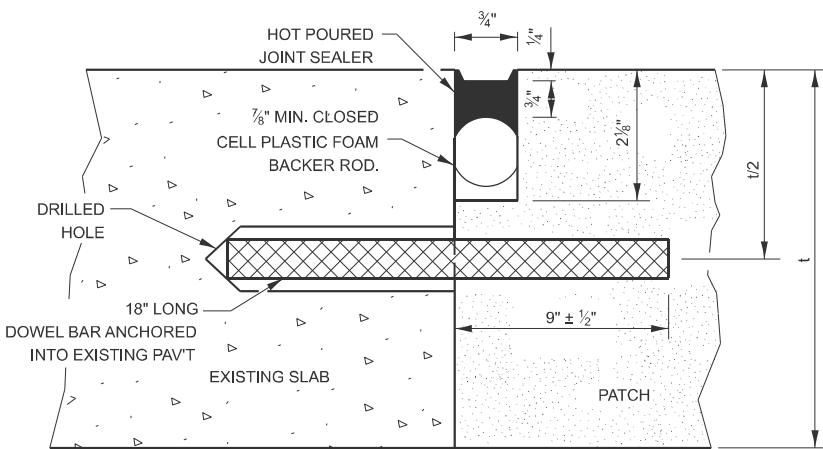


PATCHING WITH HMA OVERLAY

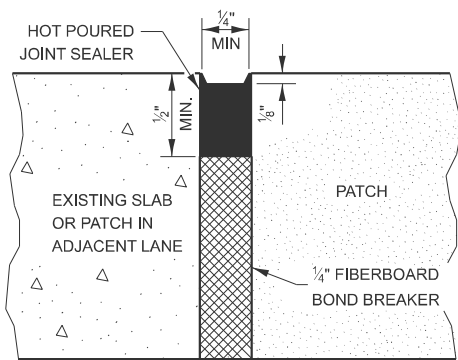
GENERAL NOTES

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"

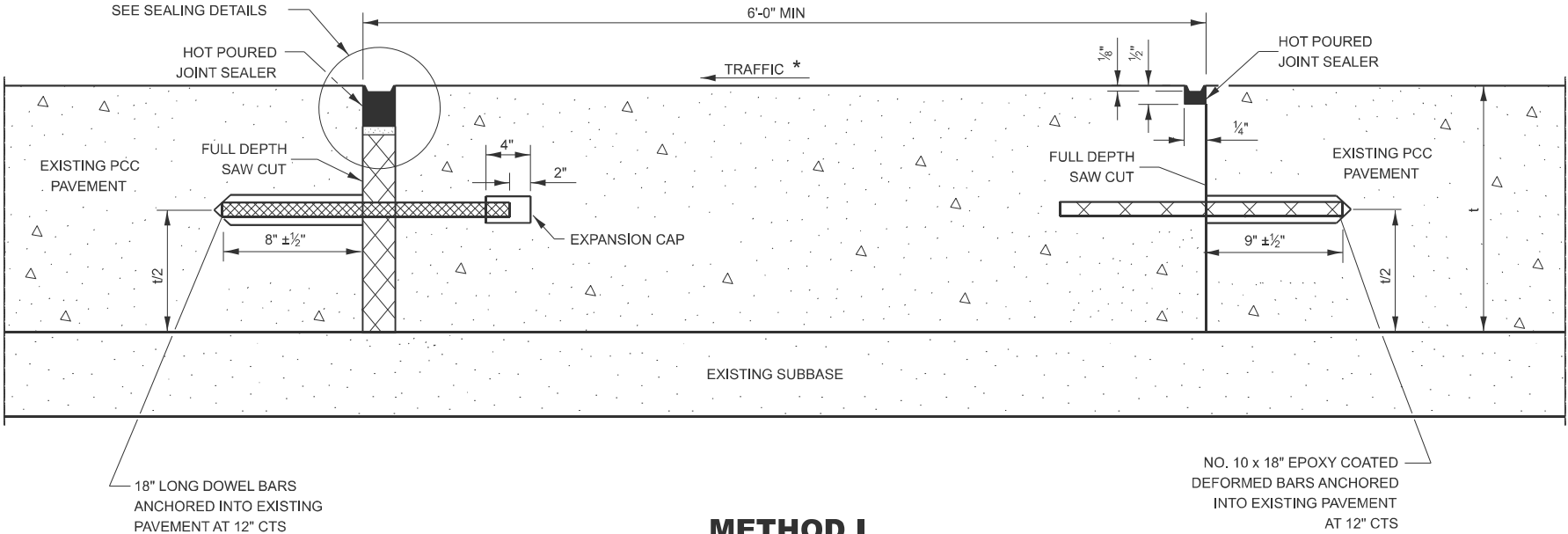
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS B PATCHING DETAILS

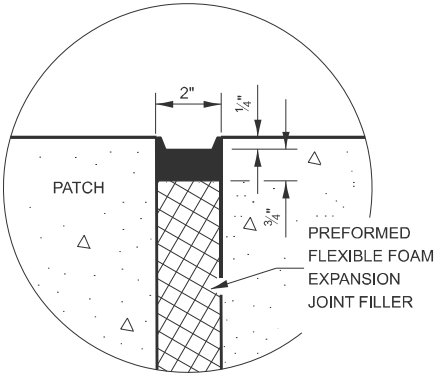
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
796	(5,6)PP	FORD	9	7
CONTRACT NO. 66P13				
ILLINOIS FED. AID PROJECT				

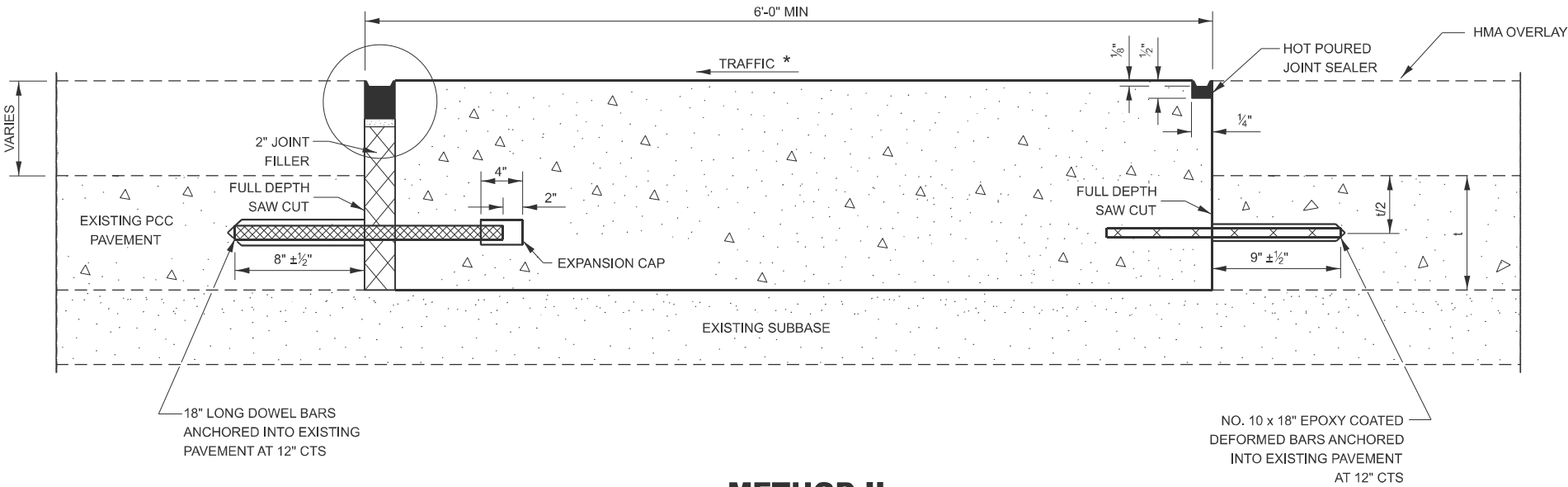
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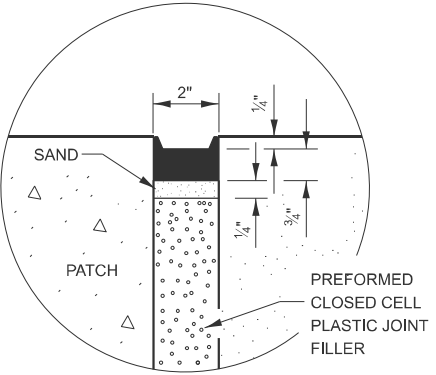
METHOD I
(WITHOUT HMA OVERLAY)



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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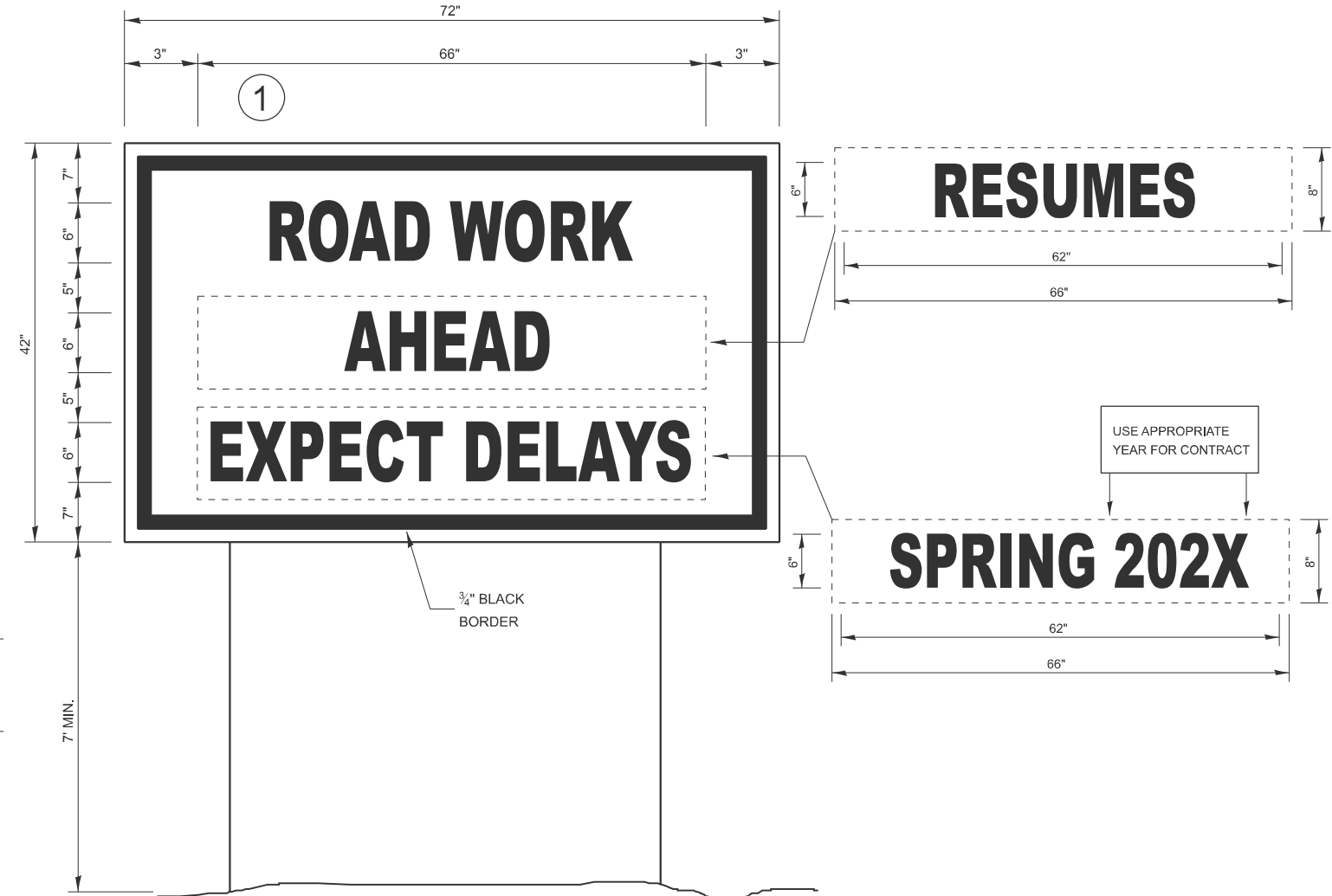
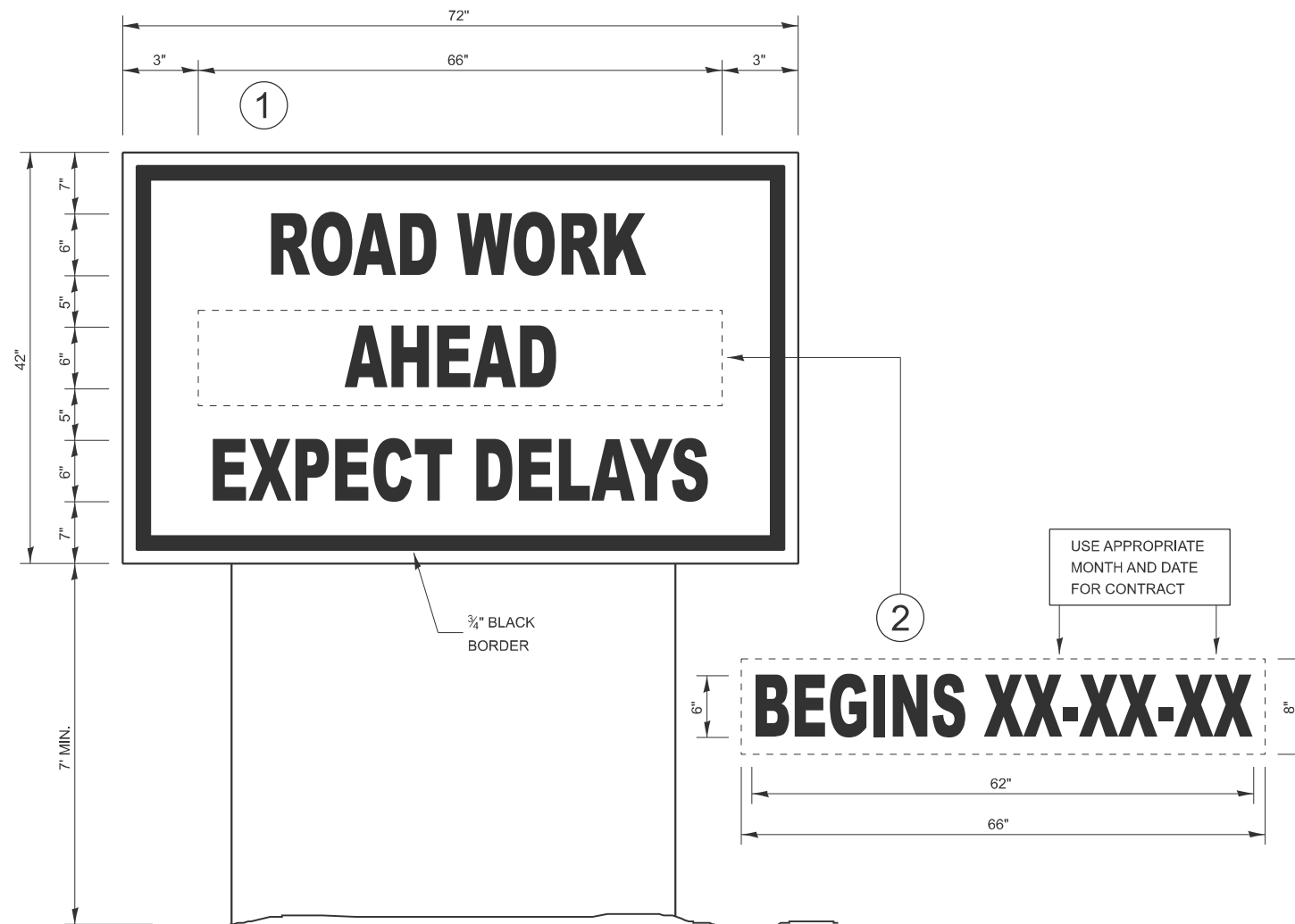
USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
	DRAWN - RW	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED -
PLOT DATE = 7/26/2024	DATE - 1/13/2024	REVISED -

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.
796	(5.6)PP	FORD	9	8
CONTRACT NO. 66P13				
ILLINOIS		FED. AID PROJECT		



TEMPORARY INFORMATION SIGNING

WINTER SHUT DOWN 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 SIGN①WITH INSTALLED PANEL②A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL②ON 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 AND THE DATE PANEL②WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

FILE NAME: c:\pw work\work\woodshankr\d0966579\66P13.dgn

FILE NAME: C:\	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 -									FORD	9	9
	PLOT SCALE = \$SCALES	CHECKED - YP	REVISED -											
	PLOT DATE = 7/26/2024	DATE - 1/13/2024	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT				