

**INDEX OF SHEETS**

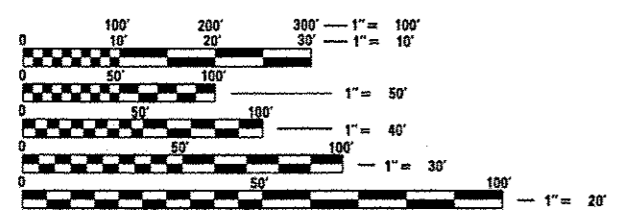
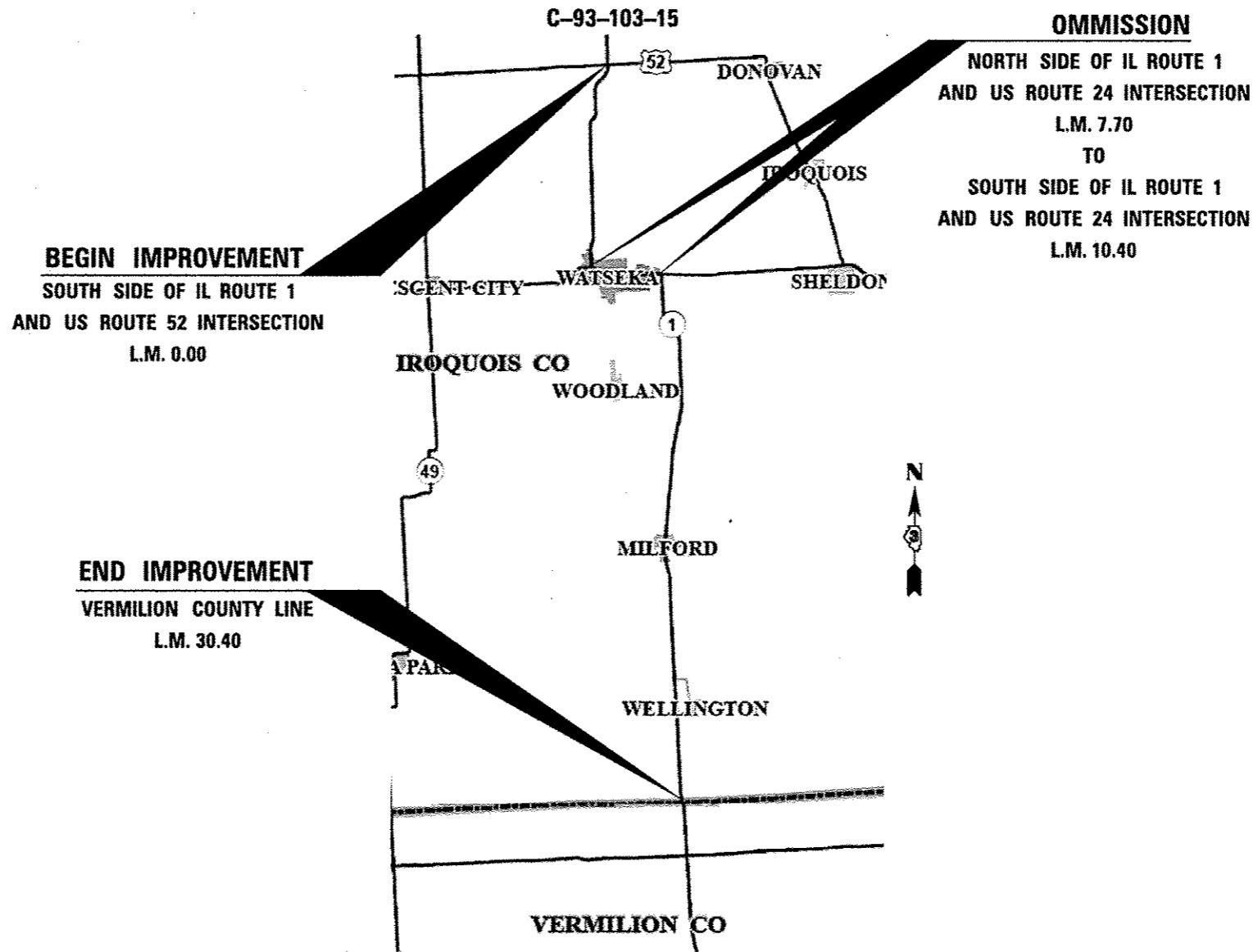
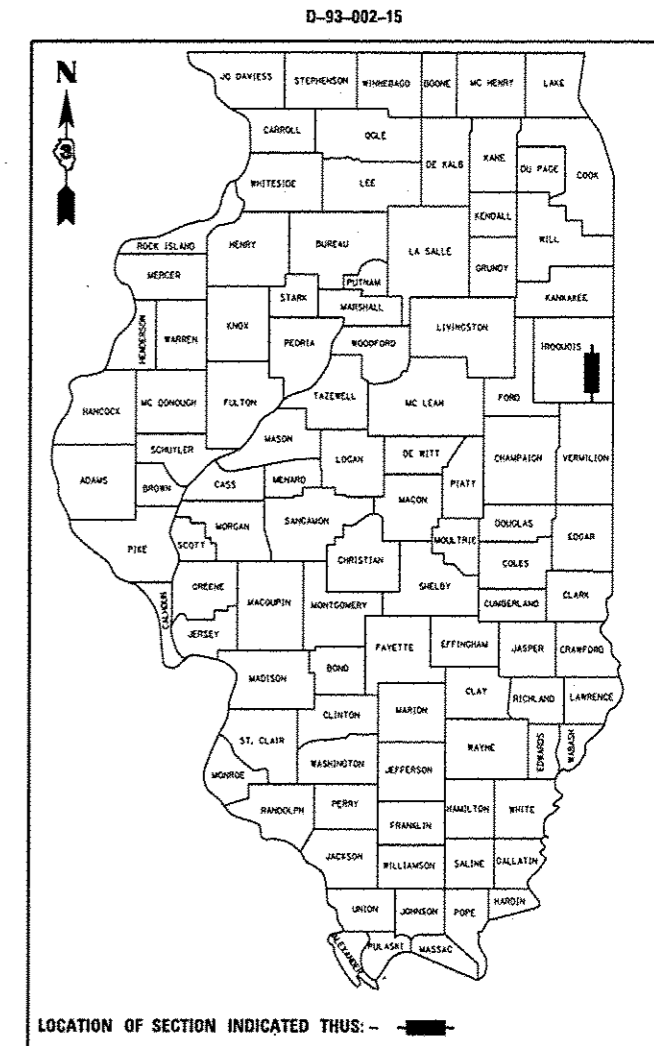
- 1. COVER SHEET
- 2. GENERAL NOTES
- 3. SUMMARY OF QUANTITIES
- 4. TYPICAL SECTIONS
- 5-6. SCHEDULES
- 7. MISCELLANEOUS DETAILS
- 8-10. CLASS B PATCHING DETAILS

**STANDARDS**

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701336-06 LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
- 701901-04 TRAFFIC CONTROL DEVICES

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**PROPOSED**  
**HIGHWAY PLANS**  
**F.A.P. ROUTE 332 (IL 1)**  
**D3 PATCHING 2016-8**  
**PAVEMENT PATCHING**  
**IROQUOIS COUNTY**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	D3 PATCHING 2016-8	IROQUOIS	10	1
		ILLINOIS	CONTRACT NO. 66E79	



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: JOE KANNEL P.E.**  
**UNIT CHIEF: RON WOODSHANK**  
**TOWNSHIPS: VARIOUS**  
**CONTRACT NO. 66E79**

GROSS LENGTH = 160,512 FT. = 30.4 MILE  
 NET LENGTH = 682 FT. = 0.129 MILE

RURAL	
OPA	
FAP 332 (IL 1)	
2013	
ADT	3300
P.V.	79.17%
S.U.	9.85%
M.U.	10.98%

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED *April 2 2015*  
*Paul Lott*  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

*May 8 2015*  
*Don D. Baranzelli, P.E.*  
 ENGINEER OF DESIGN AND ENVIRONMENT

*May 8 2015*  
*Chris Egan, P.E.*  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW CONCRETE PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

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 DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

COMMITMENTS

DATE: April 2, 2015

PREPARED BY: Don Beaulieu  
DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY: Hebert D. [Signature]  
DISTRICT CONSTRUCTION ENGINEER

Wayne J. Phillips  
DISTRICT MATERIALS ENGINEER

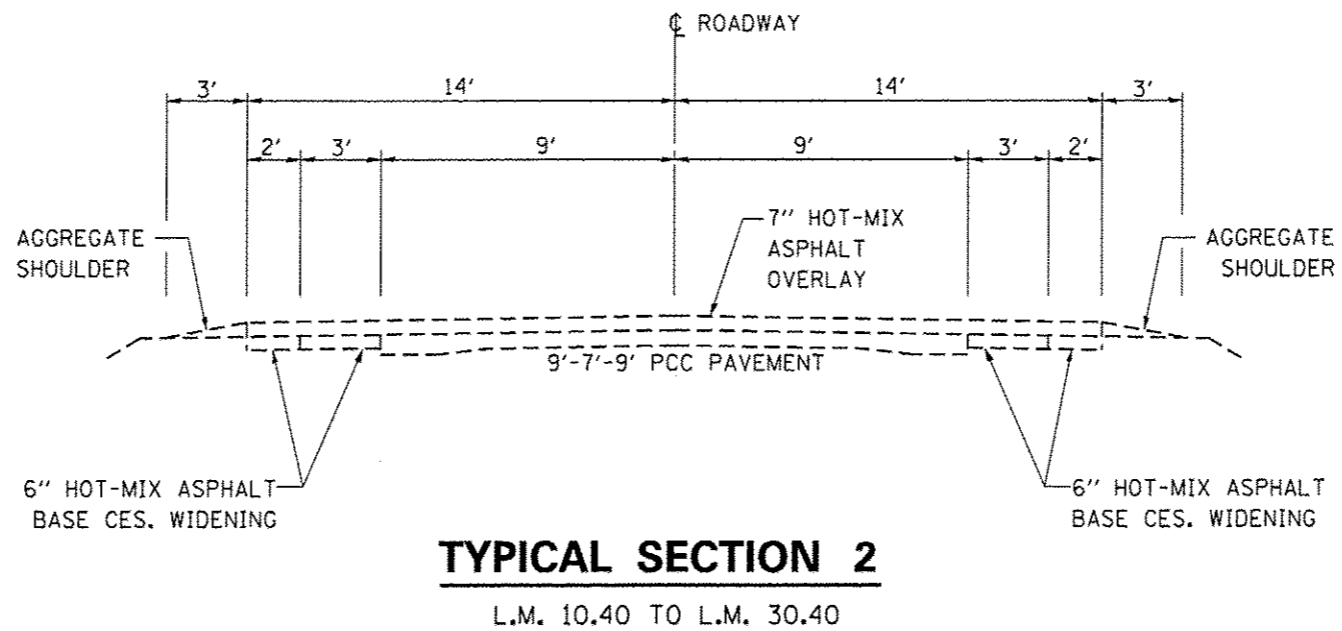
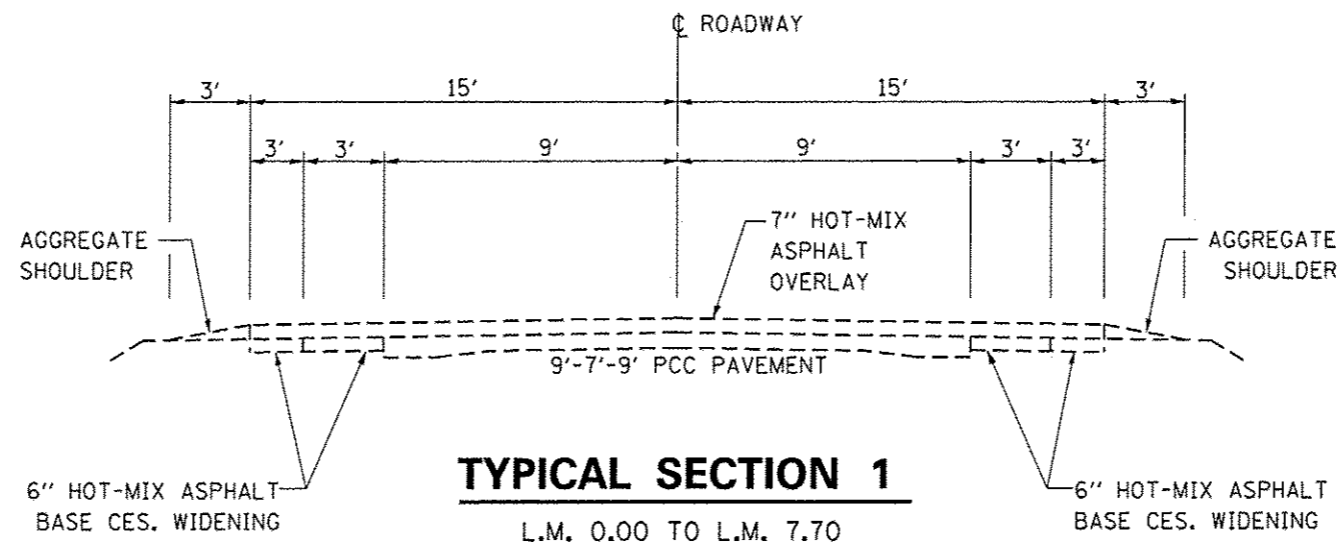
Benjamin A. [Signature]  
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = woodshankr1	DESIGNED - RW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwsdot\woodshankr1\d08430271	66E79-shc-details.dgn	DRAWN - RW	REVISED -			332	03 PATCHING 2016-B	IROQUOIS	10	2	
	PLOT SCALE = 100.0000' / 1"	CHECKED - EP	REVISED -			SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.					
MODELNAME =	PLOT DATE = 4/2/2015	DATE - 3/20/2015	REVISED -			ILLINOIS FED. AID PROJECT CONTRACT NO. 66E79					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				CONT. MAINT.
				100% STATE
				ROADWAY
				0005
				RURAL
44201043	CLASS B PATCHES, TYPE 11, 16 INCH	SQ YD	1103	1103
44201299	DOWEL BARS 1 1/2"	EACH	2896	2896
44213100	PAVEMENT FABRIC	SQ YD	2204	2204
44213200	SAW CUTS	FOOT	6858	6858
67100100	MOBILIZATION	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	20
• 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	682	682
• 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	550	550
10 Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42

•SPECIALITY ITEMS

FILE NAME =	USER NAME = woodshenr1	DESIGNED - RW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = 100.0000' / 1"	CHECKED - EP	REVISED -			CONTRACT NO. 66E79					
MODELNAME#	PLOT DATE = 4/1/2015	DATE - 3/20/2015	REVISED -			SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.



FILE NAME =	USER NAME = woodshenk1	DESIGNED - RW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 1/8" = 1' / in.	CHECKED - EP	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 66E79				
#MODELNAME#	PLOT DATE = 4/1/2015	DATE - 3/20/2015	REVISED -		ILLINOIS FED. AID PROJECT							

PATCHING SCHEDULE

LOCATION BY LOG MILE	LANE WIDTH (FT)	CLASS B PATCHING SQ YD	PAVE'T FABRIC SQ YD	DOWEL BARS EACH	SAW CUTS FOOT
SOUTHBOUND LANE					
0.00	6	10	20	28	63
0.10	6	10	20	28	63
0.50	6	10	20	28	63
0.60	6	10	20	28	63
0.70	6	10	20	28	63
1.50	6	10	20	28	63
1.60	6	10	20	28	63
2.10	6	10	20	28	63
2.80	6	10	20	28	63
2.90	6	10	20	28	63
3.00	6	10	20	28	63
3.30	6	10	20	28	63
3.40	6	10	20	28	63
3.60	6	10	20	28	63
4.10	6	10	20	28	63
4.20	6	10	20	28	63
4.50	6	10	20	28	63
4.70	6	10	20	28	63
4.80	6	10	20	28	63
5.20	6	10	20	28	63
5.60	6	10	20	28	63
5.70	8	13	27	28	69
6.50	6	10	20	28	63
6.70	6	10	20	28	63
6.70	6	10	20	28	63
6.70	6	10	20	28	63
7.00	6	10	20	28	63
7.20	6	10	20	28	63
7.60	8	13	27	28	69
7.70	6	9	19	28	63
10.40	6	9	19	24	60
12.10	6	9	19	24	60
12.40	6	9	19	24	60
12.90	6	9	19	24	60
13.30	6	9	19	24	60
13.40	6	9	19	24	60
13.60	6	9	19	24	60
13.70	6	9	19	24	60
13.90	6	9	19	24	60
16.30	8	12	25	24	66
16.50	8	12	25	24	66
16.80	6	9	19	24	60
16.90	6	9	19	24	60
17.90	6	9	19	24	60
19.00	8	12	25	24	66
19.60	6	9	19	24	60
25.70	6	9	19	24	60
26.00	6	9	19	24	60
26.70	6	9	19	24	60
27.20	6	9	19	24	60
27.40	6	9	19	24	60
27.70	6	9	19	24	60
29.40	6	9	19	24	60
29.50	6	9	19	24	60
30.40	6	9	19	24	60
TOTALS		548	1095	1440	3420

PATCHING SCHEDULE

LOCATION BY LOG MILE	LANE WIDTH (FT)	CLASS B PATCHING SQ YD	PAVE'T FABRIC SQ YD	DOWEL BARS EACH	SAW CUTS FOOT
NORTHBOUND LANE					
27.60	6	9	19	24	60
27.40	6	9	19	24	60
27.20	6	9	19	24	60
27.00	6	9	19	24	60
26.80	6	9	19	24	60
26.50	6	9	19	24	60
26.30	6	9	19	24	60
26.00	6	9	19	24	60
25.80	8	12	25	24	66
21.10	8	12	25	24	66
20.50	6	9	19	24	60
18.90	8	12	25	24	66
18.40	6	9	19	24	60
16.80	6	9	19	24	60
16.50	6	9	19	24	60
14.00	6	9	19	24	60
13.70	6	9	19	24	60
13.60	6	9	19	24	60
16.40	6	9	19	24	60
13.30	6	9	19	24	60
10.50	6	9	19	24	60
7.40	8	13	27	28	69
7.20	6	10	20	28	63
7.10	6	10	20	28	63
7.00	6	10	20	28	63
6.80	6	10	20	28	63
6.70	6	10	20	28	63
6.60	6	10	20	28	63
6.50	6	10	20	28	63
6.30	6	10	20	28	63
5.90	8	13	27	28	69
5.80	6	10	20	28	63
5.60	6	10	20	28	63
5.20	6	10	20	28	63
4.60	6	10	20	28	63
4.30	6	10	20	28	63
4.20	6	10	20	28	63
3.90	6	10	20	28	63
3.80	6	10	20	28	63
3.60	6	10	20	28	63
3.40	6	10	20	28	63
3.00	6	10	20	28	63
2.80	6	10	20	28	63
2.50	6	10	20	28	63
1.90	6	10	20	28	63
1.80	6	10	20	28	63
1.70	6	10	20	28	63
1.60	6	10	20	28	63
1.10	6	10	20	28	63
0.90	6	10	20	28	63
0.80	8	13	27	28	69
0.70	6	10	20	28	63
0.60	6	10	20	28	63
0.50	6	10	20	28	63
0.20	6	10	20	28	63
TOTALS		555	1109	1456	3438

PAVEMENT MARKING SCHEDULE

LOCATION BY LOG MILE	LANE WIDTH	MODIFIED URETHANE PAVEMENT MARKING LINE 4"	MODIFIED URETHANE PAVEMENT MARKING LINE 6"
	(FT)	FOOT	FOOT
SOUTHBOUND LANE			
0.00	6	6	10
0.10	6	6	10
0.50	6	6	10
0.60	6	6	10
0.70	6	6	10
1.50	6	6	10
1.60	6	6	10
2.10	6	6	10
2.80	6	6	10
2.90	6	6	10
3.00	6	6	10
3.30	6	6	10
3.40	6	6	10
3.60	6	6	10
4.10	6	6	10
4.20	6	6	10
4.50	6	6	10
4.70	6	6	10
4.80	6	6	10
5.20	6	6	10
5.60	6	6	10
5.70	8	8	10
6.50	6	6	10
6.70	6	6	10
6.70	6	6	10
6.70	6	6	10
7.00	6	6	10
7.20	6	6	10
7.60	8	8	10
7.70	6	6	10
10.40	6	6	10
12.10	6	6	10
12.40	6	6	10
12.90	6	6	10
13.30	6	6	10
13.40	6	6	10
13.60	6	6	10
13.70	6	6	10
13.90	6	6	10
16.30	8	8	10
16.50	8	8	10
16.80	6	6	10
16.90	6	6	10
17.90	6	6	10
19.00	8	8	10
19.60	6	6	10
25.70	6	6	10
26.00	6	6	10
26.70	6	6	10
27.20	6	6	10
27.40	6	6	10
27.70	6	6	10
29.40	6	6	10
29.50	6	6	10
30.40	6	6	10
TOTALS		340	550

PAVEMENT MARKING SCHEDULE

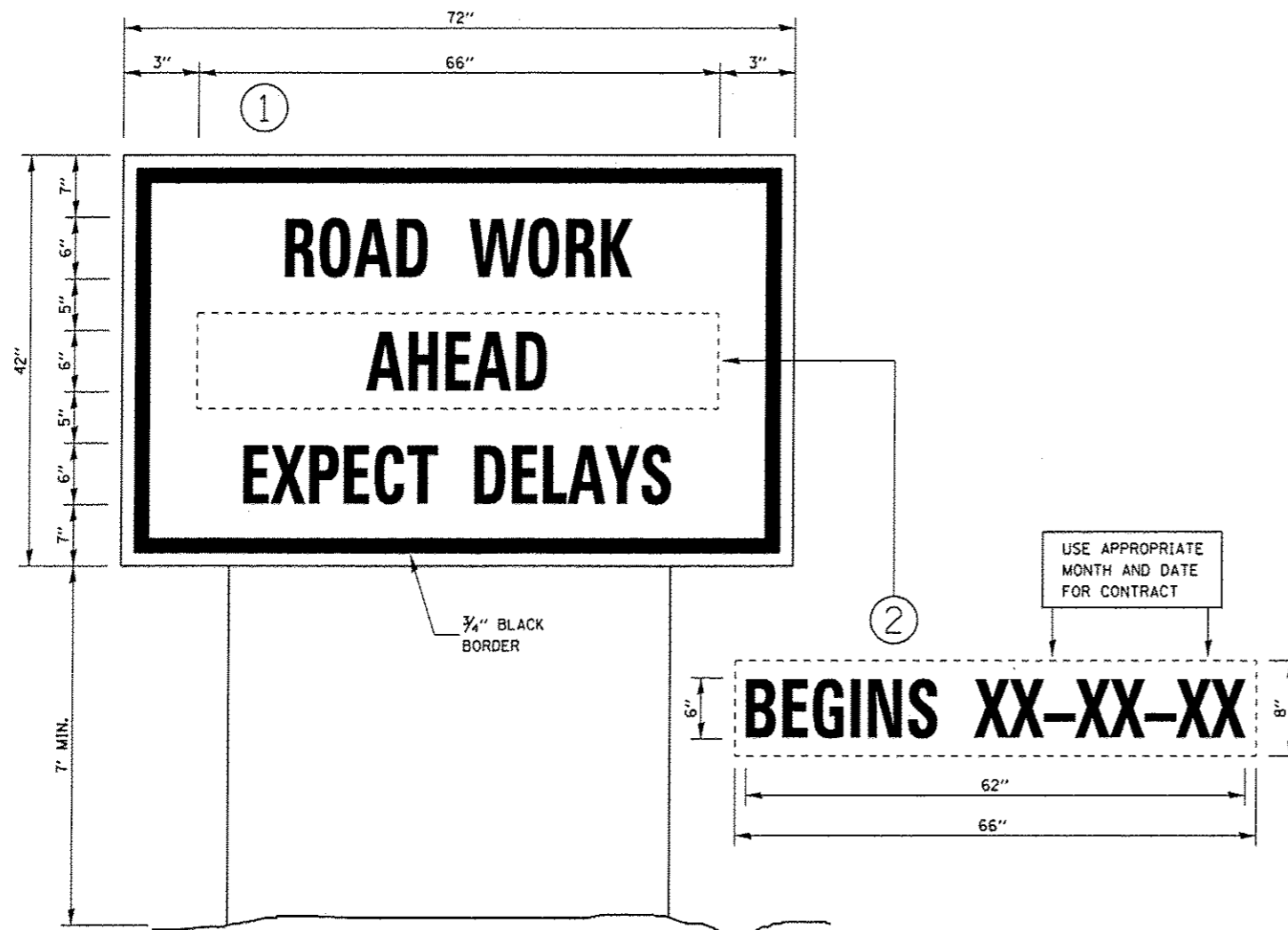
LOCATION BY LOG MILE	LANE WIDTH	MODIFIED URETHANE PAVEMENT MARKING LINE 4"	MODIFIED URETHANE PAVEMENT MARKING LINE 6"
	(FT)	FOOT	FOOT
NORTHBOUND LANE			
27.60	6	6	
27.40	6	6	
27.20	6	6	
27.00	6	6	
26.80	6	6	
26.50	6	6	
26.30	6	6	
26.00	6	6	
25.80	8	8	
21.10	8	8	
20.50	6	6	
18.90	8	8	
18.40	6	6	
16.80	6	6	
16.50	6	6	
14.00	6	6	
13.70	6	6	
13.60	6	6	
16.40	6	6	
13.30	6	6	
10.50	6	6	
7.40	8	8	
7.20	6	6	
7.10	6	6	
7.00	6	6	
6.80	6	6	
6.70	6	6	
6.60	6	6	
6.50	6	6	
6.30	6	6	
5.90	8	8	
5.80	6	6	
5.60	6	6	
5.20	6	6	
4.60	6	6	
4.30	6	6	
4.20	6	6	
3.90	6	6	
3.80	6	6	
3.60	6	6	
3.40	6	6	
3.00	6	6	
2.80	6	6	
2.50	6	6	
1.90	6	6	
1.80	6	6	
1.70	6	6	
1.60	6	6	
1.10	6	6	
0.90	6	6	
0.80	8	8	
0.70	6	6	
0.60	6	6	
0.50	6	6	
0.20	6	6	
TOTALS		342	

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		CHECKED - EP	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULES

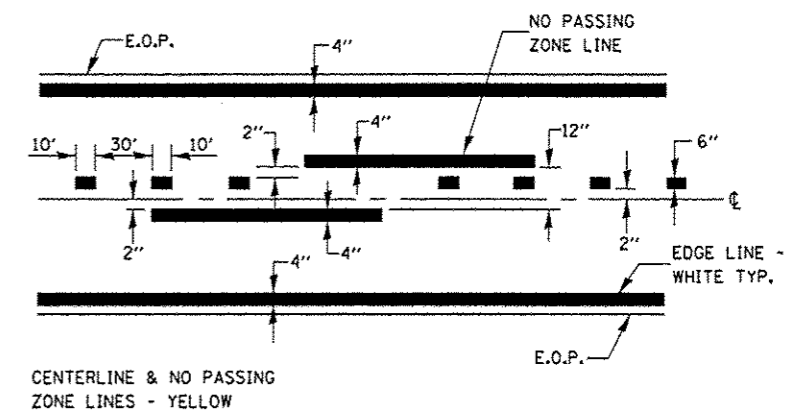
SCALE:	SHEET 2 OF 1 SHEETS	STA. TO STA.	F.A.P. RTE. 332	SECTION D3 PATCHING 2016-B	COUNTY IROQUOIS	TOTAL SHEETS 10	SHEET NO. 6
							CONTRACT NO. 66E79
ILLINOIS FED. AID PROJECT							



**TEMPORARY INFORMATION SIGNING**

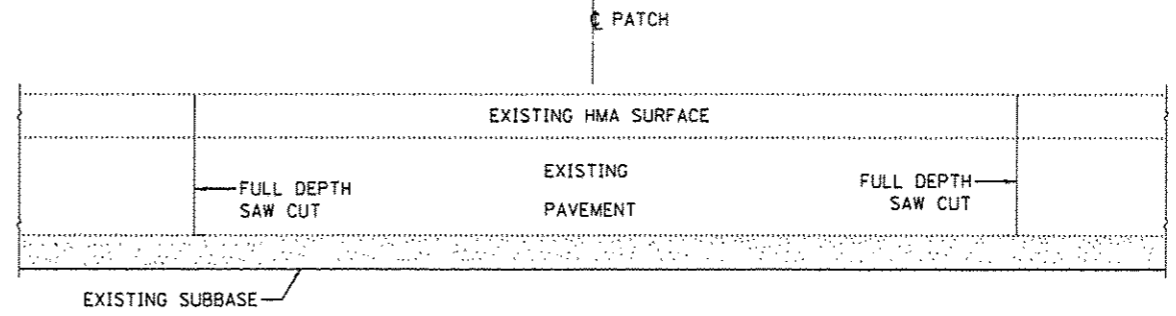
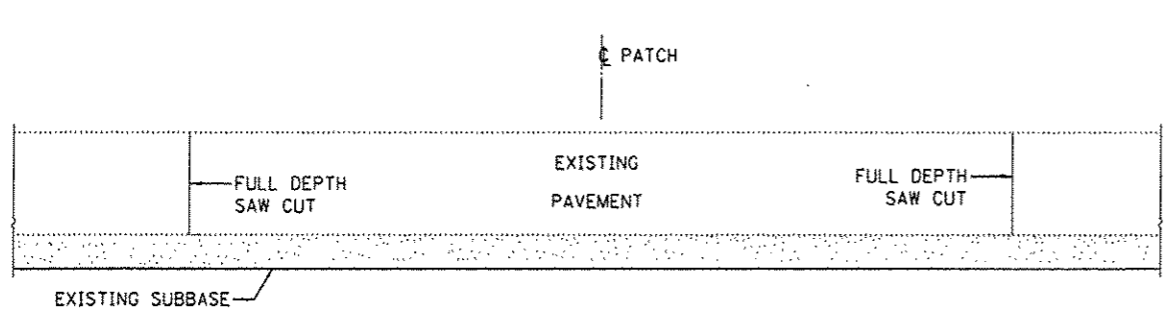
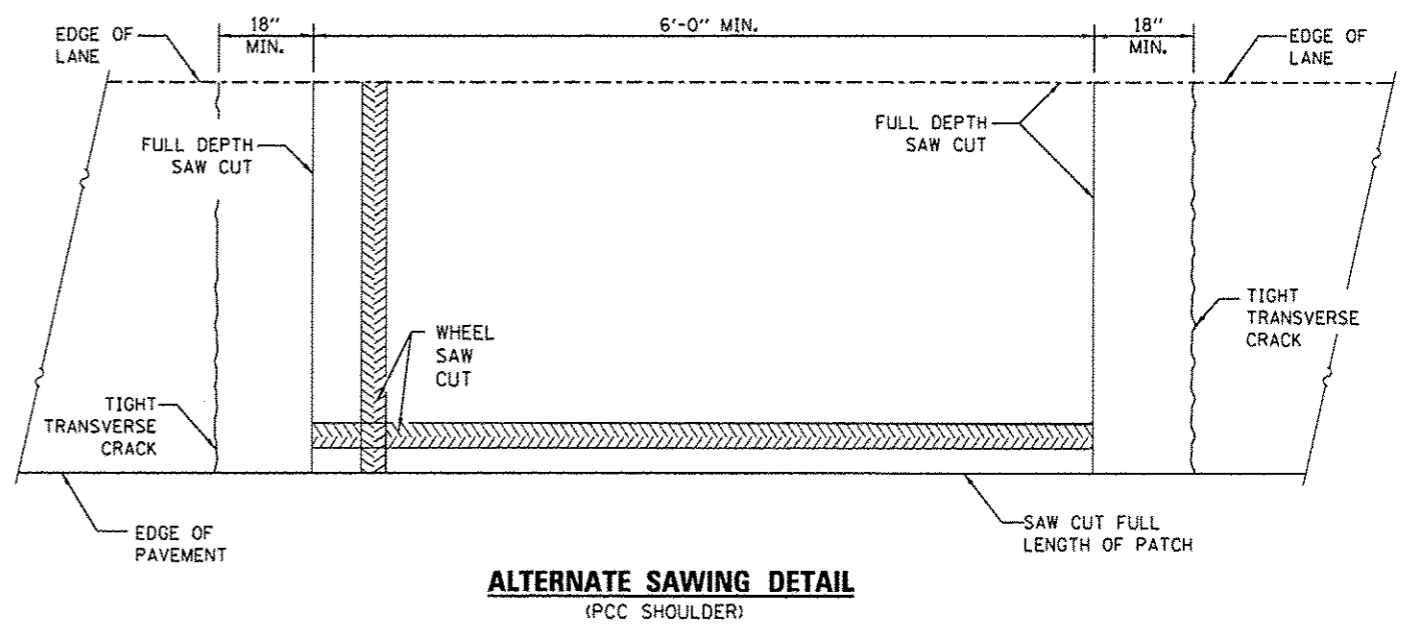
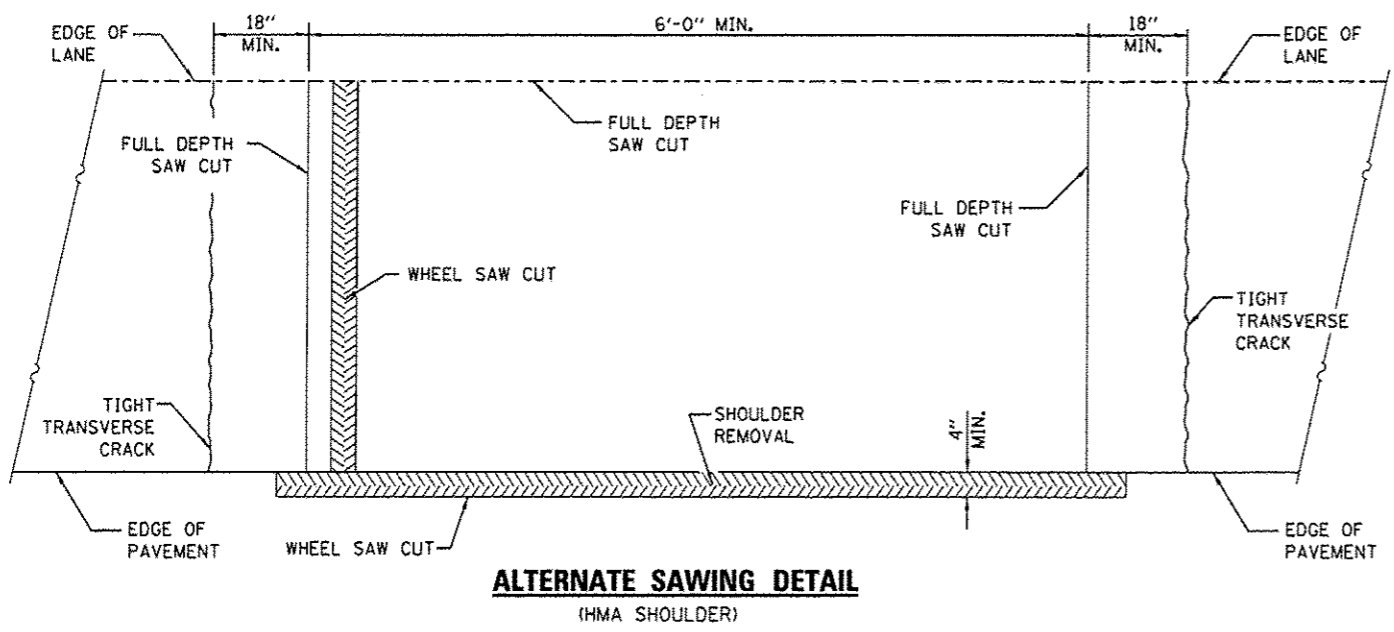
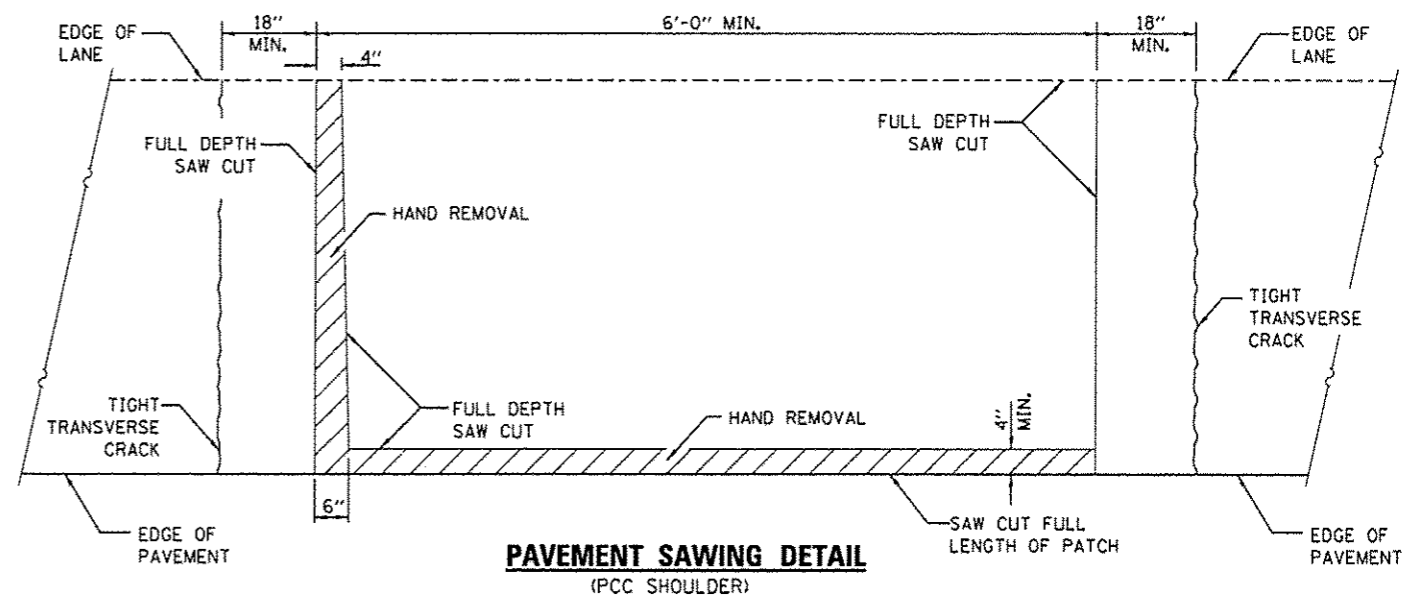
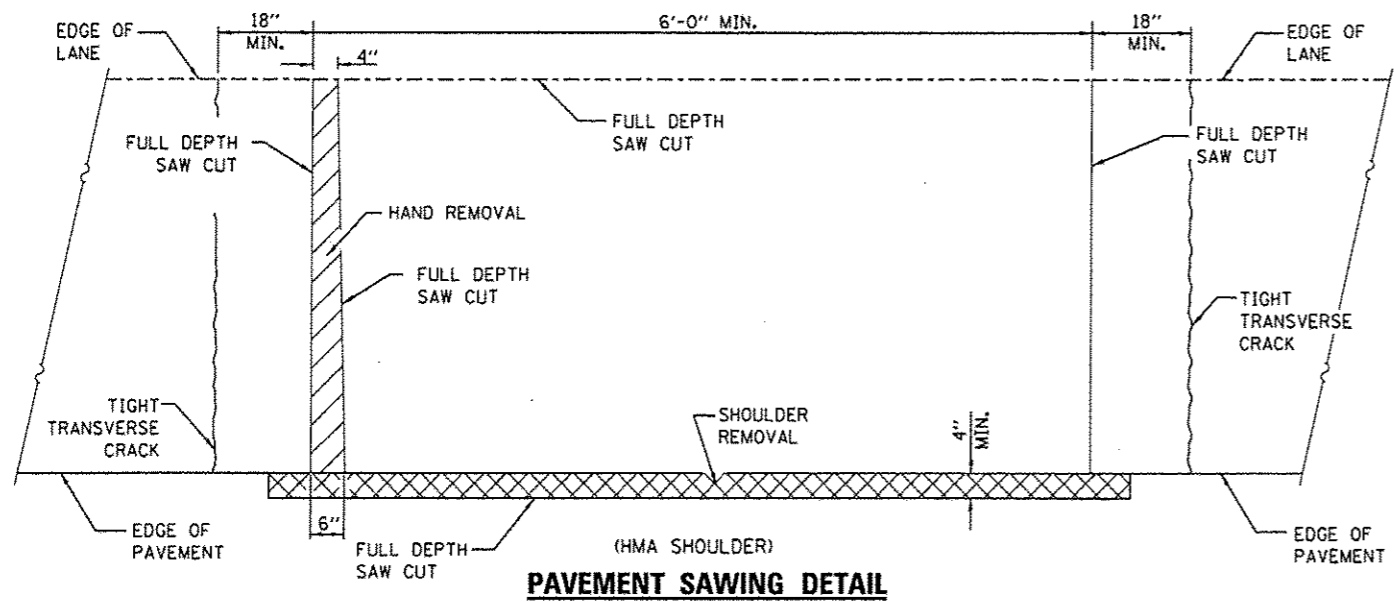
**NOTES:**

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 AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.



**PAVEMENT MARKING**

FILE NAME =	USER NAME = woodshankri	DESIGNED - RW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MISCELLANEOUS DETAILS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\woodshankri\d8438271\368E79-sht-details.dgn	DRAWN - RW	REVISED -	332			03 PATCHING 2016-8	IROQUOIS	10	7	
PLOT SCALE = 100.0000' / 1in.	CHECKED - EP	REVISED -	CONTRACT NO. 66E79							
PLOT DATE = 4/1/2015	DATE - 3/20/2015	REVISED -	ILLINOIS FED. AID PROJECT							
#MODELNAME#				SCALE:	SHEET 2 OF 1 SHEETS	STA.	TO STA.			



**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 DDETAIL OF PAVEMENT FABRIC.

FILE NAME =	USER NAME = woodshankr1	DESIGNED - RW	REVISED -
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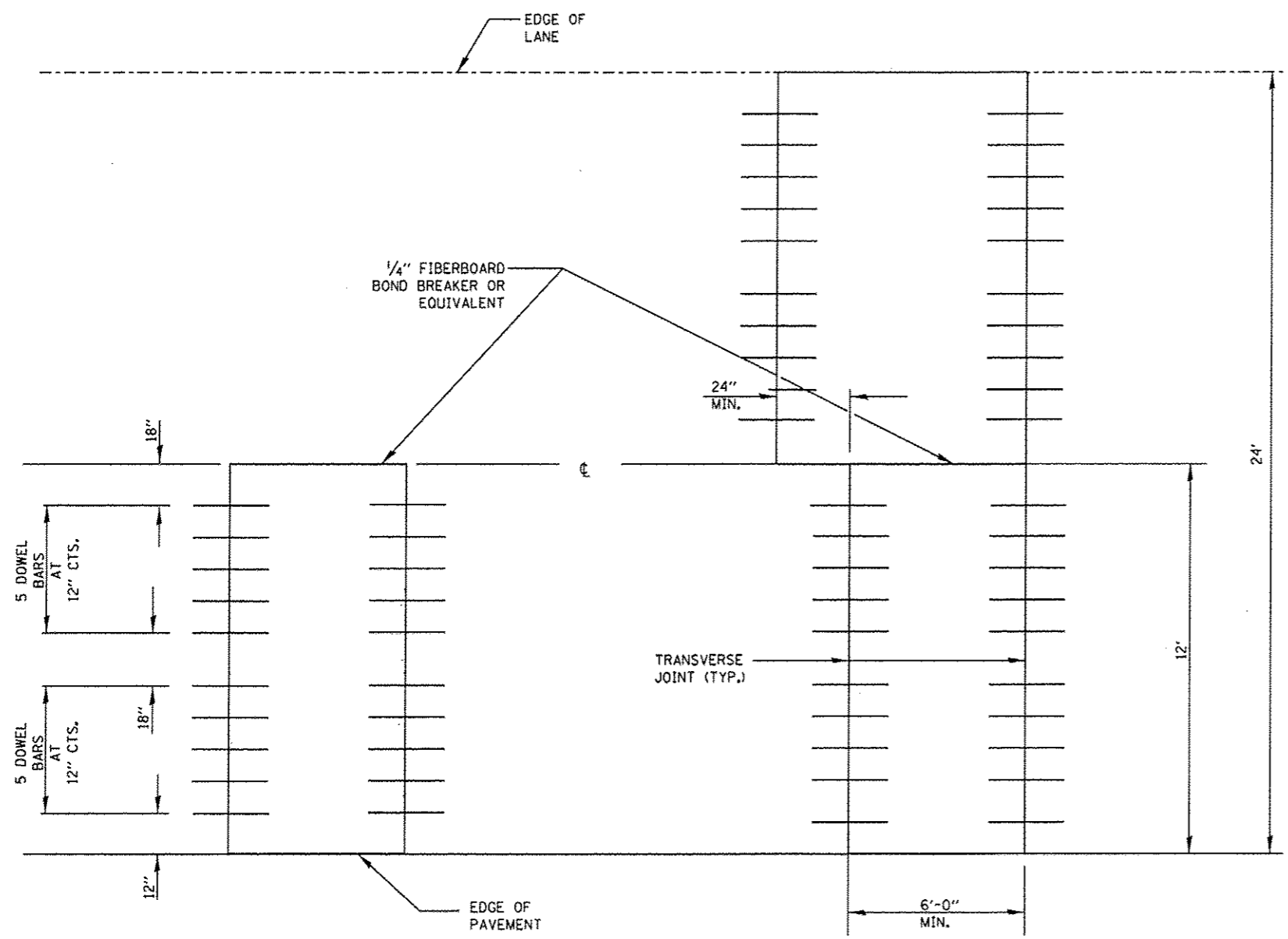
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CLASS B PATCHING DETAILS

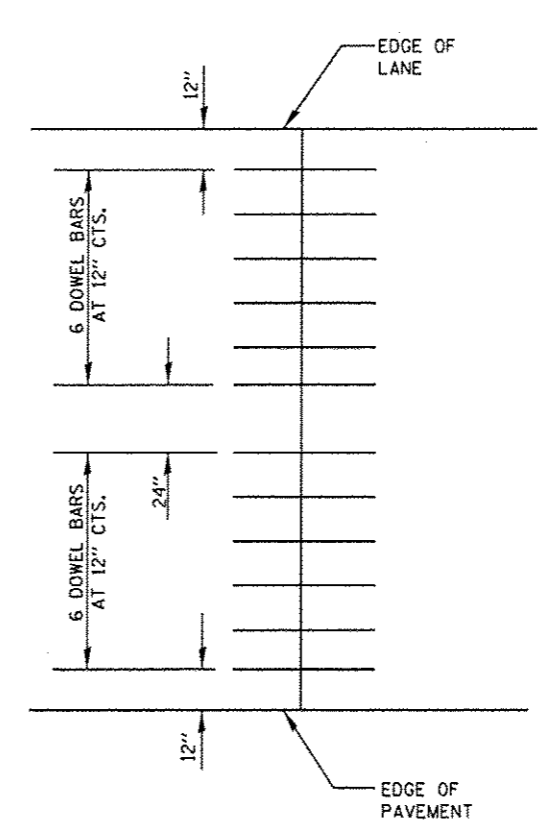
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	D3 PATCHING 2016-8	IROQUOIS	10	8
CONTRACT NO. 66E79				
ILLINOIS FED. AID PROJECT				

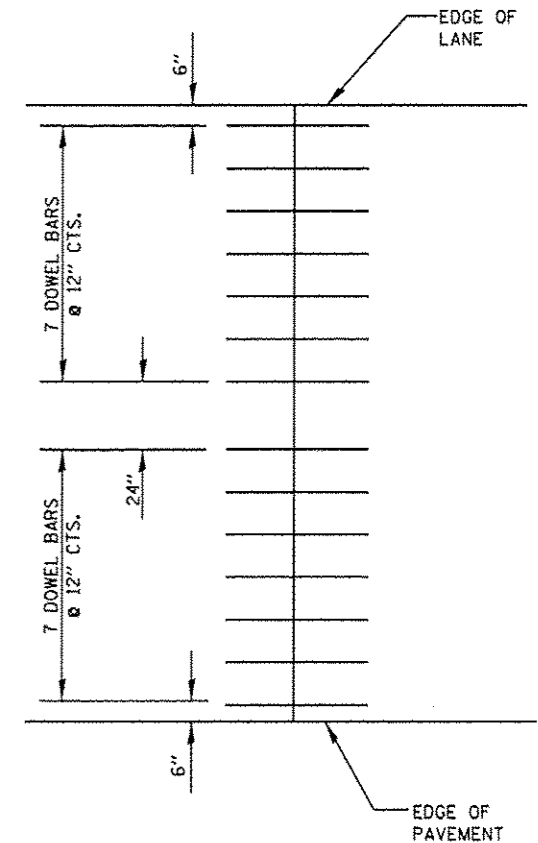




**12' WIDE LANES**



**14' WIDE LANES**



**15' WIDE LANES**

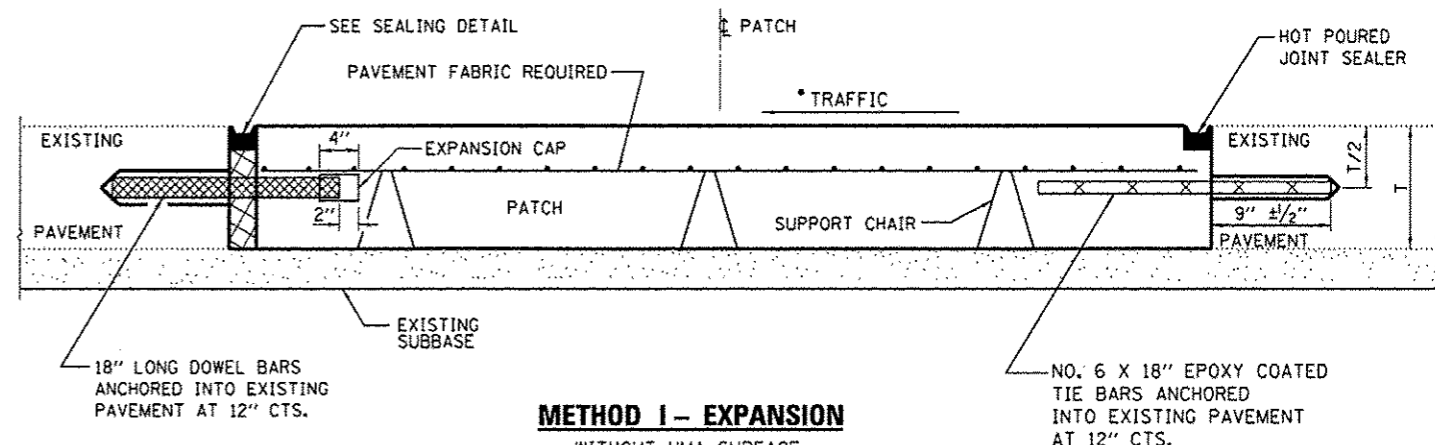
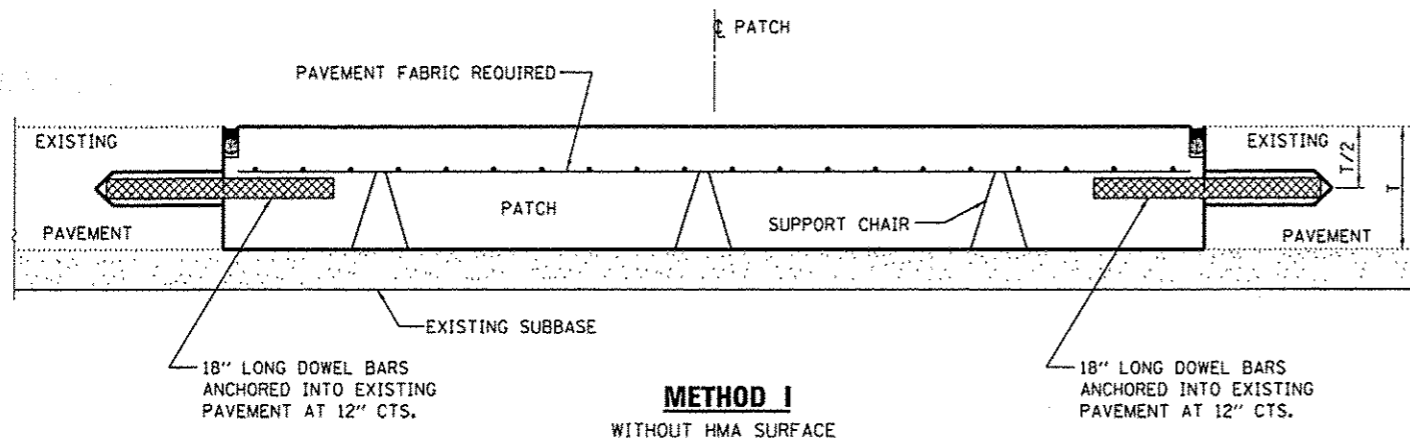
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c:\pwork\pwork\woodshankrj\d8438271\366579-sht-details.dgn	366579-sht-details.dgn	DRAWN - RW	REVISED -
	PLOT SCALE = 100.0000' / 1"	CHECKED - EP	REVISED -
#MODELNAME#	PLOT DATE = 4/1/2015	DATE - 3/20/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**CLASS B PATCHING DETAILS**

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	D3 PATCHING 2016-8	IROQUOIS	10	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66E79	



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

**NOTE**

- WHEN RE-ESTABLISHING A TRANSVERSE EXPANSION JOINT ON A TWO-LANE, 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.

