

06-12-2015 LETTING ITEM 072

INDEX OF SHEETS

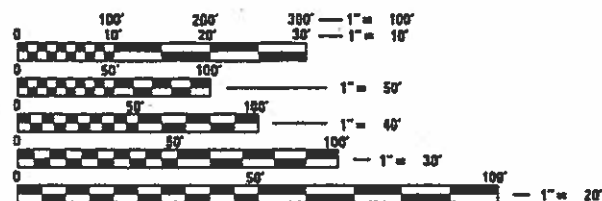
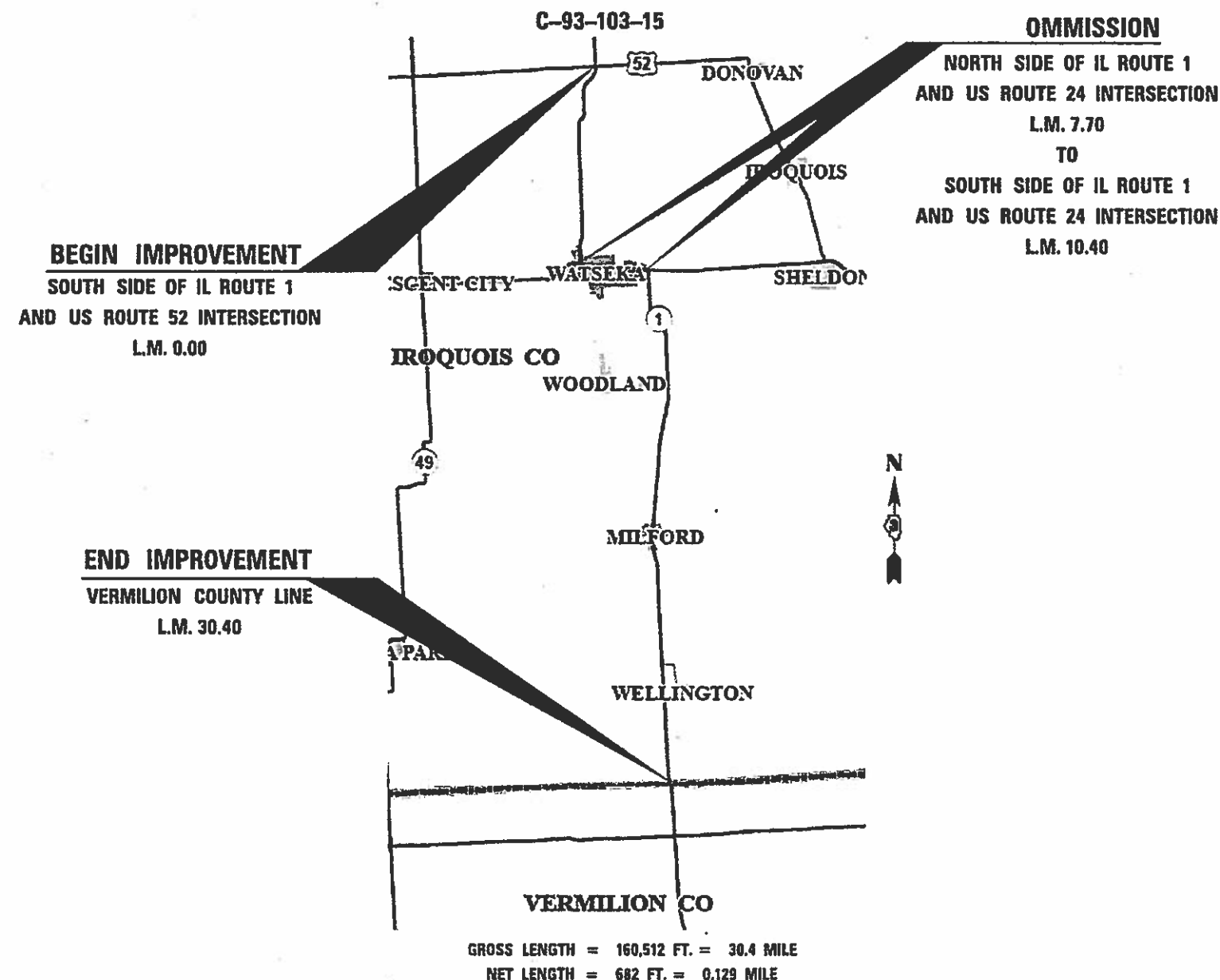
1. COVER SHEET
2. GENERAL NOTES
3. SUMMARY OF QUANTITIES
4. TYPICAL SECTIONS
- 5-6. SCHEDULES
7. MISCELLANEOUS DETAILS
- 8-10. CLASS B PATCHING DETAILS

STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001008	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
701336-08	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

AS-BUILT



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

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



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 20 15

Paul Lode
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 8 20 15
John D. Boranzo P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

May 8 20 15
Orin E. Smith P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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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 Benoit
DISTRICT STUDIES & PLANS ENGINEER

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

Wayne J. Phillips
DISTRICT MATERIALS ENGINEER

James A. Anderson
DISTRICT OPERATIONS ENGINEER

FILE NAME *	USER NAME *	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\woodshank\1\08430271\0366E79-ent-details.dgn	0366E79-ent-details.dgn	DRAWN -	REVISED -					332	D3 PATCHING 2016-8	IROQUOIS	10	2
MODELNAME*	PLOT SCALE * 1/8"=1'-0"	CHECKED -	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 66E79				
	PLOT DATE * 4/2/2015	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

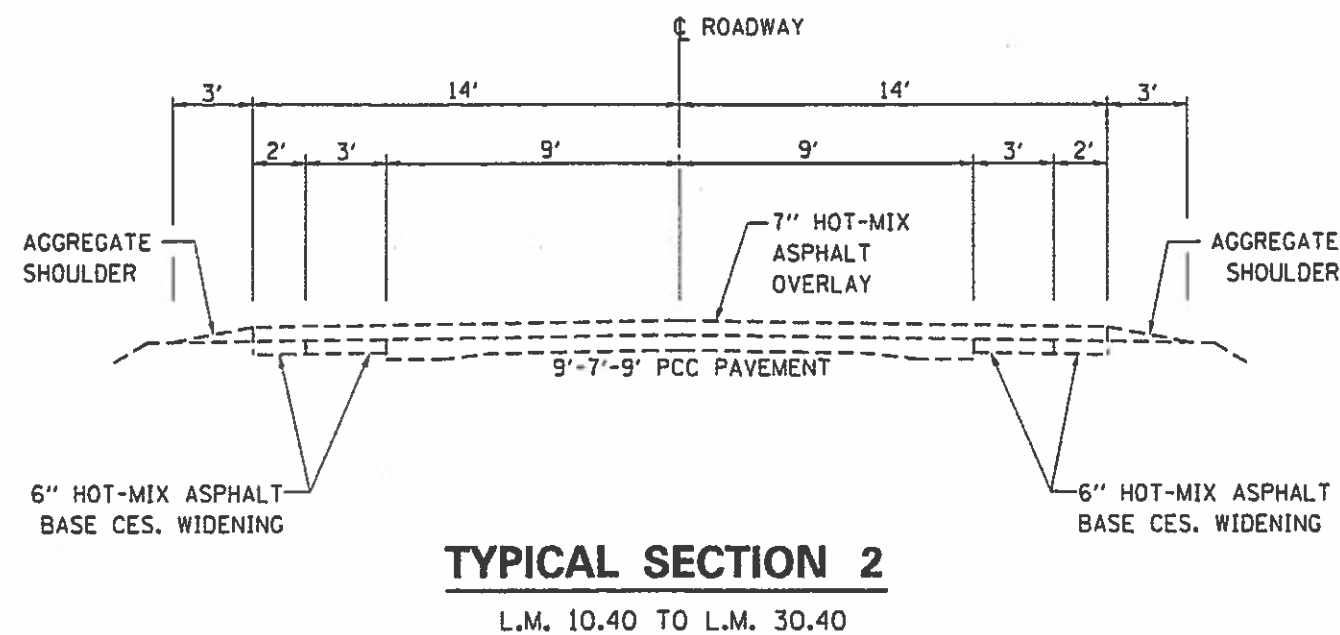
AS-BUILT
Quantities

Pay Item	Pay Item Description	Awarded Qty	Unit Price	Adjusted Final Qty
44201043	CL B PATCH T2 16	1103.00	\$222.00	1,312.90
44201299	DOWEL BARS 1 1/2	2896.00	\$13.00	0.00
44213100	PAVEMENT FABRIC	2204.00	\$13.00	2,741.50
44213200	SAW CUTS	6858.00	\$3.25	7,756.80
67100100	MOBILIZATION	1.00	\$23,000.00	1.00
70100600	TRAF CONT-PROT 701336	1.00	\$28,800.00	1.00
70103815	TR CONT SURVEILLANCE	20.00	\$0.01	0.00
78009004	MOD URETH PM LINE 4	682.00	\$7.39	1,065.00
78009006	MOD URETH PM LINE 6	550.00	\$11.08	0.00
FRC00500	SIDE ROAD FLAGGER	0.00	\$1.00	3,230.22
X9300100	EXPANSION JOINT	0.00	\$21.00	230.00
X9300200	DOWELS, 1 1/4"	0.00	\$12.95	3,223.00
X9300300	CL B PATCH, T4, 16"	0.00	\$220.00	58.00
XXX03100	TRAFFIC CONTROL PRICE ADJUST	0.00	\$1.00	2,905.20
Z0030850	TEMP INFO SIGNING	42.00	\$28.00	42.00

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				CONT. MAINT.
				100% STATE
				ROADWAY
				0005
				RURAL
44201043	CLASS B PATCHES, TYPE II, 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
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42

•SPECIALITY ITEMS

FILE NAME *	USER NAME *	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\p01043\p01043.dgn	366E79-ent-details.dgn	DRAWN - RW	REVISED -			332	03 PATCHING 2016-B	IRROQUOIS	10	3
MODEL NAME *	PLOT SCALE * 1/8" = 1'	CHECKED - EP	REVISED -							CONTRACT NO. 66E79
	PLOT DATE * 4/1/2015	DATE - 3/20/2015	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT



FILE NAME :	USER NAME * woodshenrj	DESIGNED * RW	REVISED *	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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MODELNAME:	PLOT SCALE * 100.0000' / in.	CHECKED * EP	REVISED *		CONTRACT NO. 66E79								
	PLOT DATE * 4/1/2015	DATE * 3/20/2015	REVISED *		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

PATCHING SCHEDULE

LOCATION	LANE WIDTH	CLASS B PATCHING	PAVE'T FABRIC	DOWEL BARS	SAW CUTS
BY LOG MILE	(FT)	SQ YD	SQ YD	EACH	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	LANE WIDTH	CLASS B PATCHING	PAVE'T FABRIC	DOWEL BARS	SAW CUTS
BY LOG MILE	(FT)	SQ YD	SQ YD	EACH	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	LANE WIDTH	MODIFIED URETHANE PAVEMENT MARKING LINE 4"	MODIFIED URETHANE PAVEMENT MARKING LINE 6"
BY LOG MILE	(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	LANE WIDTH	MODIFIED URETHANE PAVEMENT MARKING LINE 4"	MODIFIED URETHANE PAVEMENT MARKING LINE 6"
BY LOG MILE	(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	

FILE NAME *	USER NAME *	DESIGNED -	REVISED -
\\pwwork\pwwork\woodshankr\108438271\366E79-sht-details.dgn	woodshankr	DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

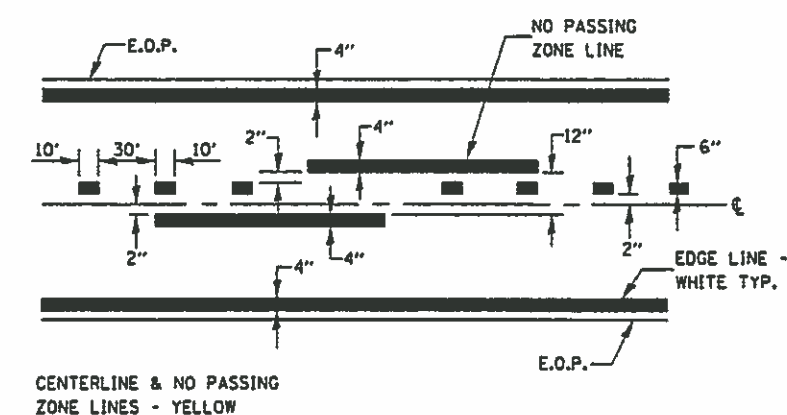
SCALE: SHEET 2 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	D3 PATCHING 2016-8	IROQUOIS	10	6
CONTRACT NO. 66E79				
ILLINOIS FED. AID PROJECT				

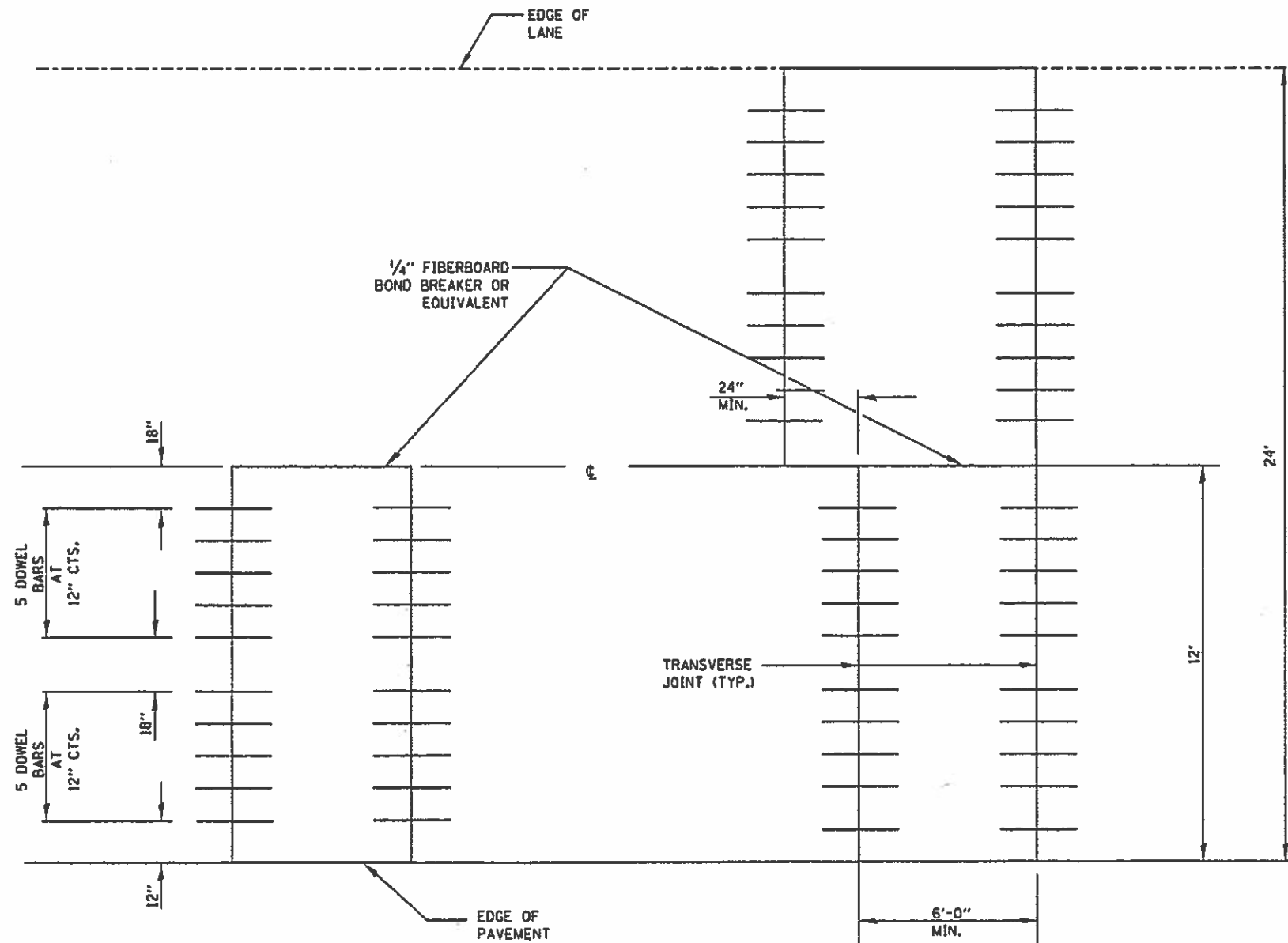


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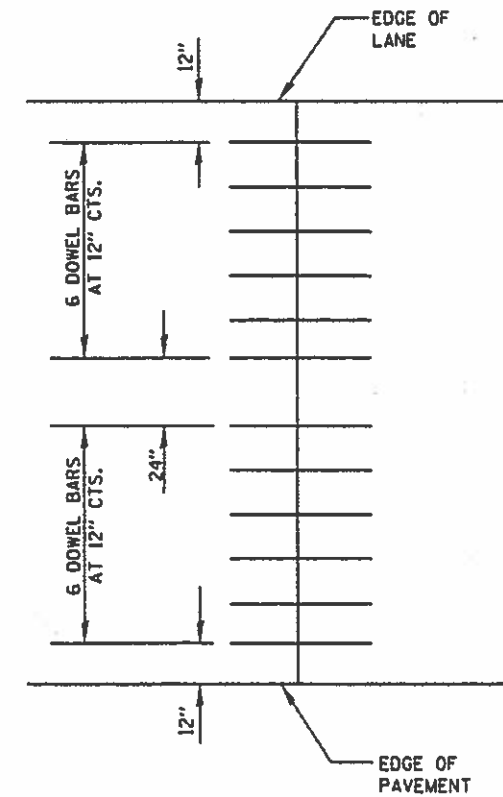
1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
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.



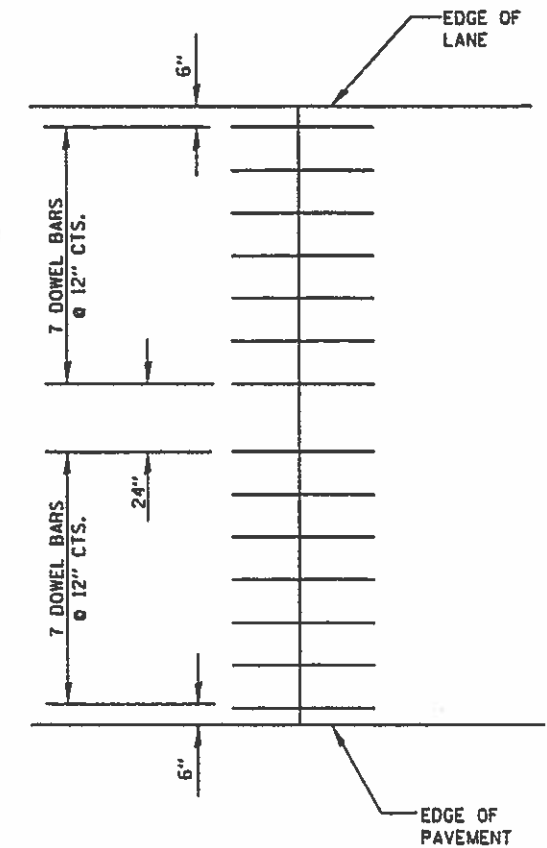
FILE NAME :	USER NAME : woodshankrl	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MISCELLANEOUS DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0:\pwwork\pwwork\woodshankrl\08430271\036679-shr-details.dgn		DRAWN - RW	REVISED -		332	03 PATCHING 2016-B	IRROQUOIS	10	7				
PLOT SCALE : 100.0000 ' / IN.		CHECKED - EP	REVISED -		CONTRACT NO. 66E75								
PLOT DATE : 4/1/2015		DATE - 3/20/2015	REVISED -		SCALE:	SHEET 2	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



12' WIDE LANES



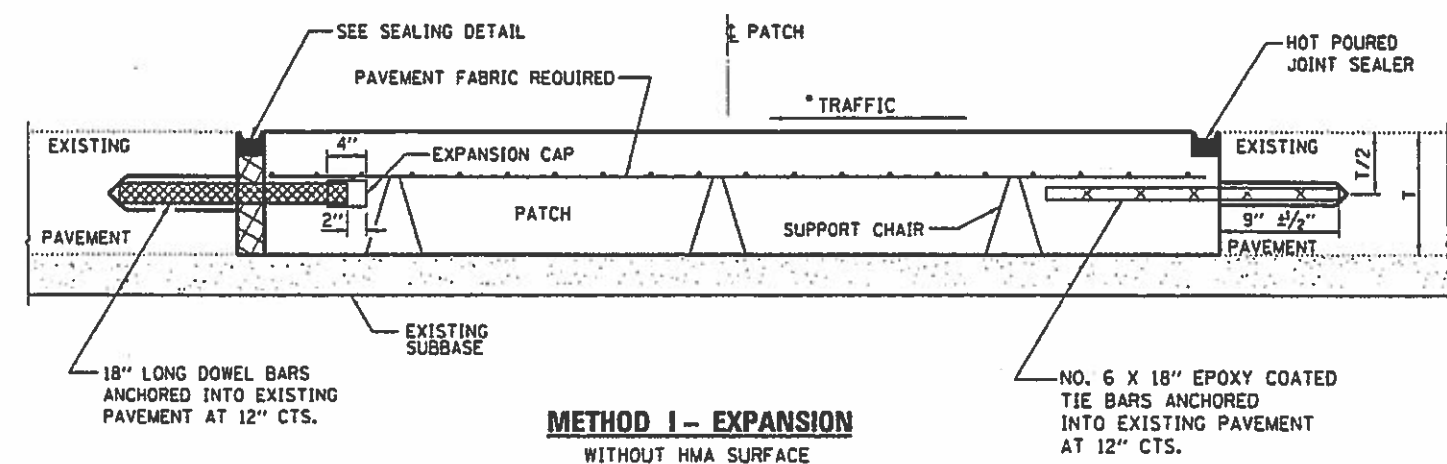
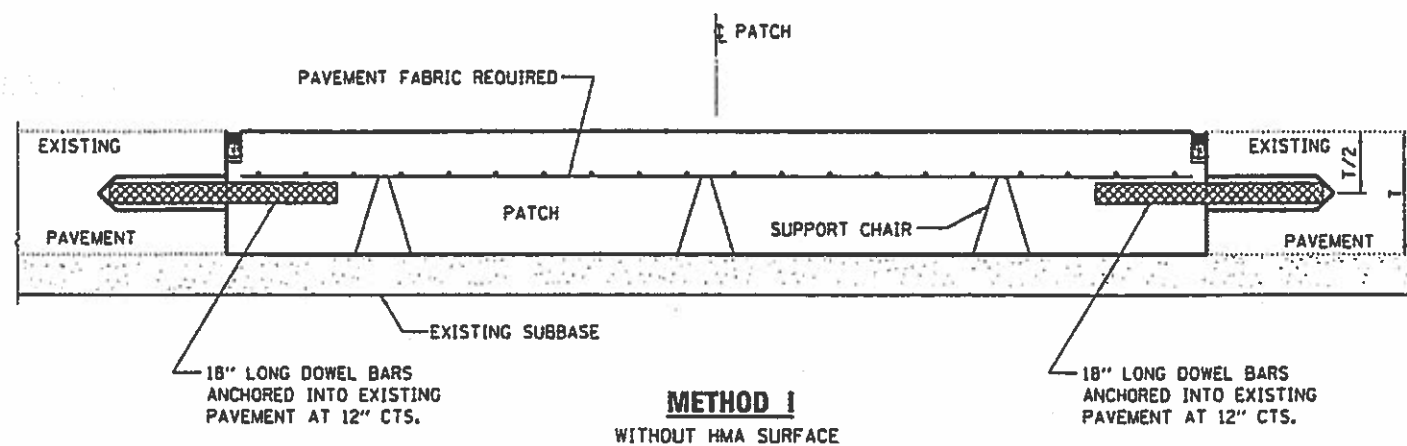
14' WIDE LANES



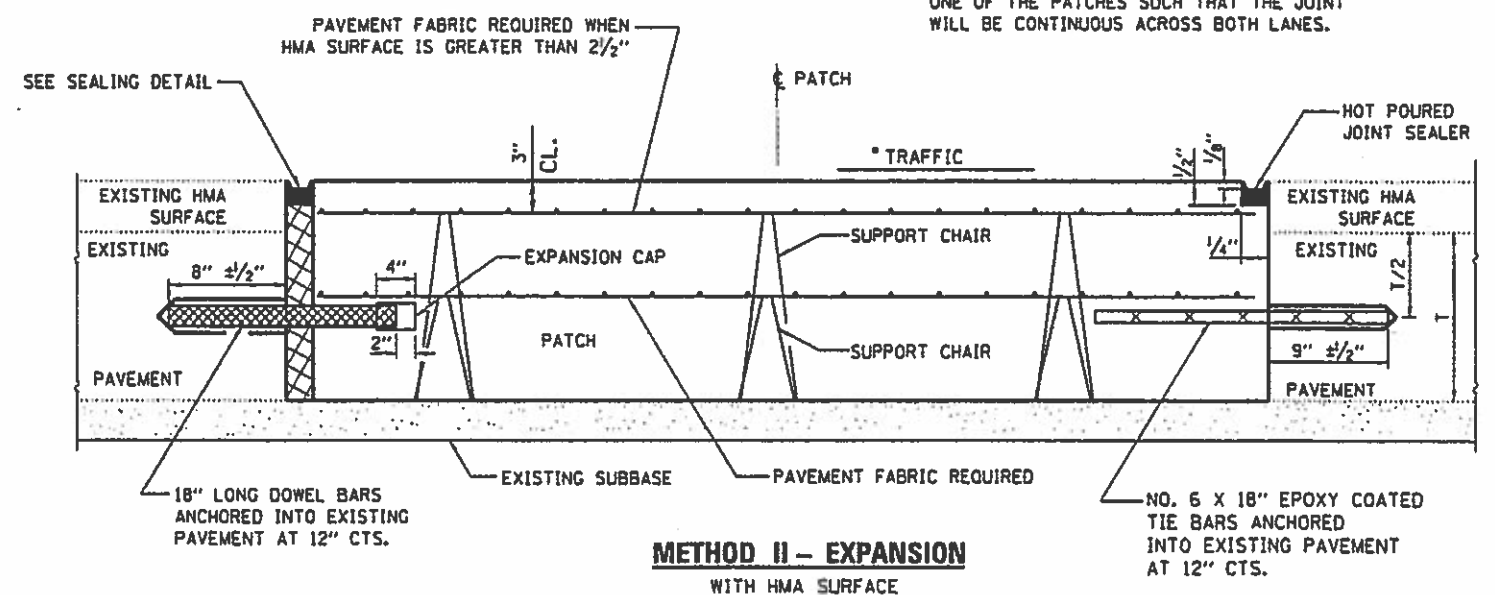
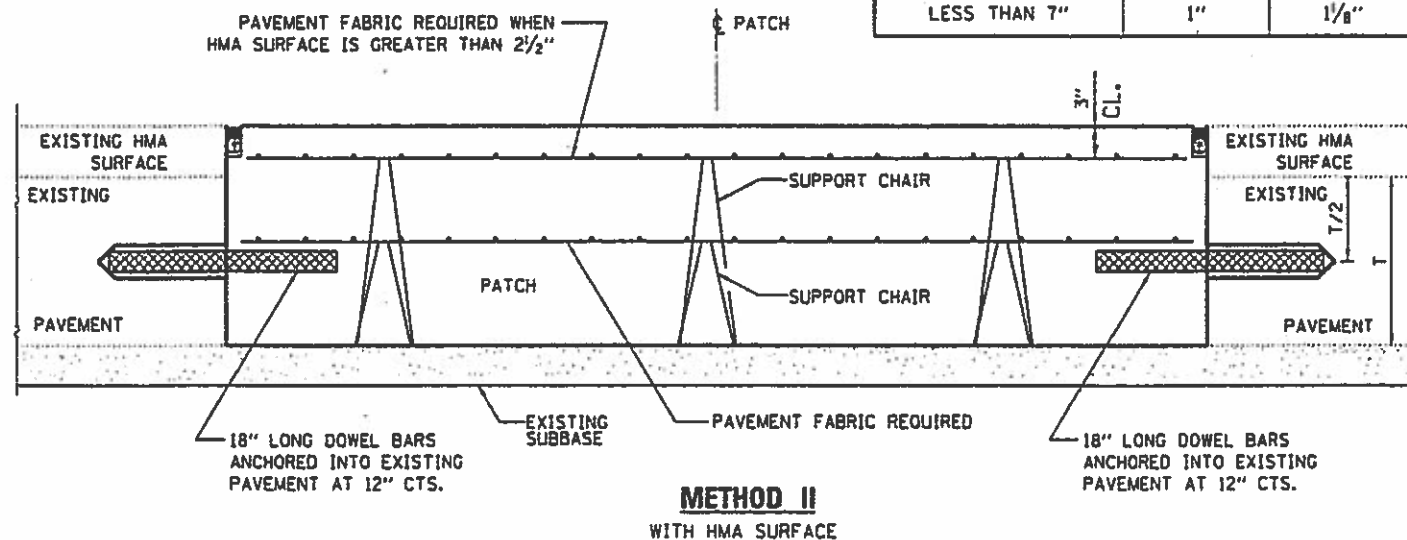
15' WIDE LANES

FILE NAME *	USER NAME *	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CLASS B PATCHING DETAILS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\pav\detail\woodshen\108438271\66E79-cls-details.dgn	woodshen	DRAWN -	REVISED -				332	03 PATCHING 2016-8	IRROQUOIS	10	9
MODEL NAME *	PLOT SCALE *	CHECKED -	REVISED -				CONTRACT NO. 66E79				
	PLOT DATE *	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

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



DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
8" OR GREATER	1½"	1⅝"
7" THRU 7⅝"	1¼"	1⅜"
LESS THAN 7"	1"	1⅛"



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.

