

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
294	D3 PATCHNG 2011-3	LIVINGSTON	8	1
		ILLINOIS	CONTRACT NO. 66A32	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

**FAS ROUTE 294 (O.R. 66)
SECTION D3 PATCHING 2011-3**

**PAVEMENT PATCHING
LIVINGSTON COUNTY**

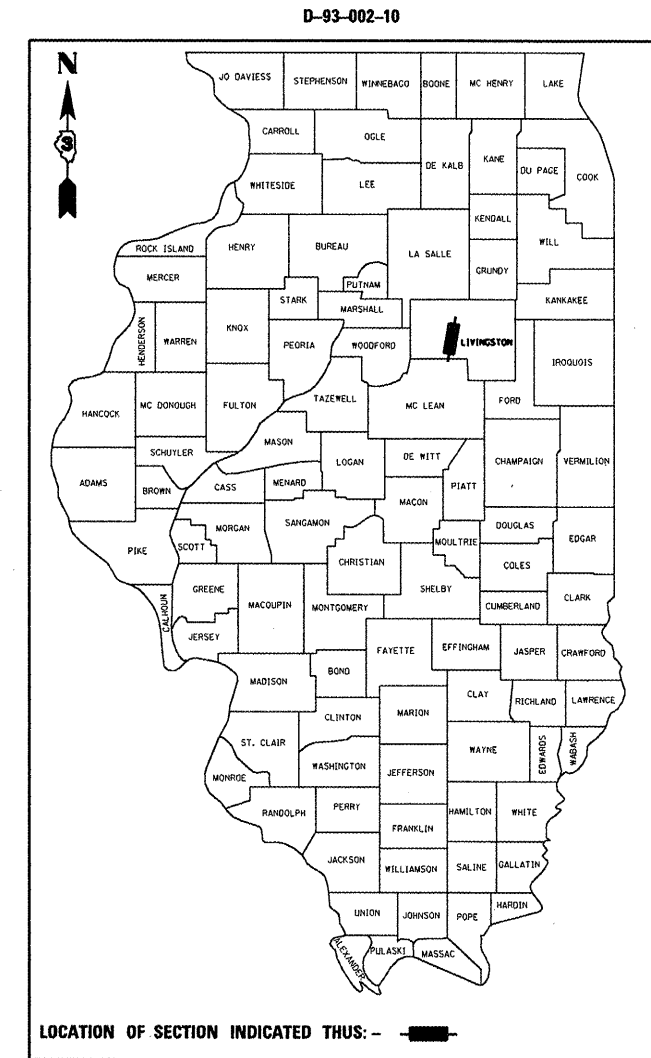
C-93-117-10

INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES
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4. TYPICAL SECTION
5. PATCHNG SCHEDULE - NBL
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8. CLASS B PATCHING DETAILS

STANDARDS

- | | |
|-----------|--|
| 000001-05 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 420001-07 | PAVEMENT JOINTS |
| 420601-05 | 24' (7.2 m) PCC PAVEMENT |
| 420701-02 | PAVEMENT FABRIC |
| 442101-07 | CLASS B PATCHES |
| 701001-02 | OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY |
| 701006-03 | OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701301-03 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701311-03 | LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY |
| 701336-05 | LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS Δ 45 MPH |
| 701901-01 | TRAFFIC CONTROL DEVICES |



FUNCTIONAL CLASSIFICATION
RURAL - MAJOR COLLECTOR
FAS 294 (O.R. 66)
2007 ADT 3300

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 4/11 20 10

Henry E. Ryan
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 7 20 10

Scott E. Stitt, P.E.
ACTING ENGINEER OF DESIGN AND ENVIRONMENT

May 7 20 10

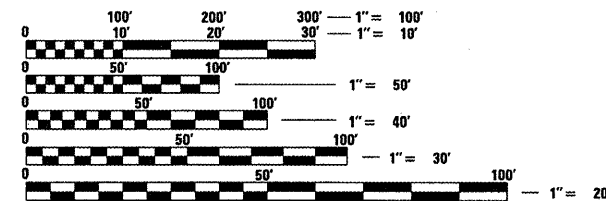
Christine M. Reeder
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**



BEGIN PROJECT
IL RTE. 116 (PONTIAC)

END PROJECT
McLEAN COUNTY LINE



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
UNIT CHIEF: RON WOODSHANK
TOWNSHIPS: PONTIAC, PIKE, EPPARDS POINT
CONTRACT NO. 66A32

GROSS LENGTH = 53328 FT. = 10.10 MILES
NET LENGTH = 752 FT. = 0.142 MILES

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING PLANS ARE SUBJECT TO ROUTINE 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 THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY FURNISHED BASED UPON THE UNIT BID PRICE FOR THE WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE "JULIE" NUMBER IS 1-800-892-0123. A MINIMUM OF FORTY-EIGHT (48) HOURS ADVANCE NOTICE IS REQUIRED.

THE EXISTING SHOULDERS MAY BE LOW. IN THE EVENT THAT CONSTRUCTION OPERATIONS RESULT IN A DROP OFF GREATER THAN 3" BETWEEN THE EDGE OF PAVEMENT OR EDGE OF SHOULDER WITHIN 3' OF THE EDGE OF PAVEMENT AND THE EARTH OR AGGREGATE SHOULDERS, THEN THE DROP OFF SHALL BE PROTECTED ACCORDING TO ARTICLE 701.04(B)(1) OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR TRAFFIC CONTROL.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

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.

DATE: 4/1/10

PREPARED BY: *Dan Beonil*
Acting DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY: *Hubert K. Long*
 DISTRICT CONSTRUCTION ENGINEER

Wayne L. Phillips
 DISTRICT MATERIALS ENGINEER

Bruce A. Huchler
 DISTRICT OPERATIONS ENGINEER

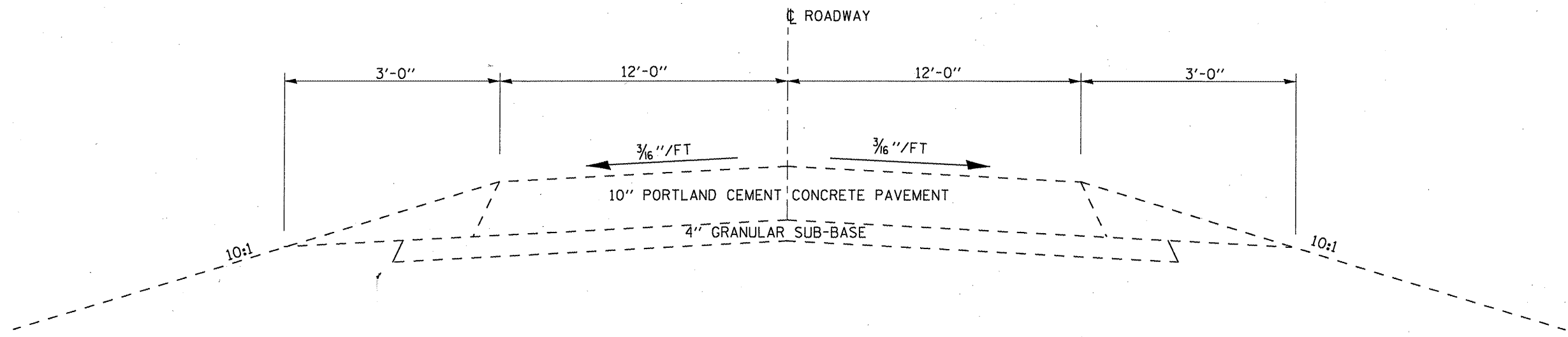
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cd:\pwork\PWIDOT\WOODSHANKRL\0143169	3366A32-detail1.dgn	DRAWN - BQN WOODSHANK	REVISED -			294	D3 PATCHING 2011-3	LIVINGSTON	8	2	
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			SCALE: _____ SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____					
	PLOT DATE = Mar 29, 2010 - 09:40:14 AM	DATE -	REVISED -			[ILLINOIS] CONTRACT NO. 66A32					

SUMMARY OF QUANTITIES

CONSTRUCTION CODE TYPE: J000

RURAL
100% STATE
TOTAL
QUANTITY

CODE NO.	ITEM	UNIT	RURAL 100% STATE TOTAL QUANTITY
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	955
44213200	SAW CUTS	FOOT	2380
67100100	MOBILIZATION	L SUM	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1
Z0017202	DOWEL BARS 1 1/2"	EACH	5715



SECTION A-A

FILE NAME =	USER NAME = woodshankr1	DESIGNED - BQN WOODSHANK	REVISED -
c:\pwwork\FW\DDT\WOODSHANKR1\d0143189	D366A32-details.dgn	DRAWN - BQN WOODSHANK	REVISED -
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	PLOT DATE = Mar 29, 2010 - 09:48:24 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

SCALE: _____ SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
294	D3 PATCHING 2011-3	LIVINGSTON	8	4
CONTRACT NO. 66A32			ILLINOIS	

PATCHING SCHEDULE - NORTHBOUND LANE

LOCATION M.P.	2 LANE PAVEMENT			4 LANE PAVEMENT - PL PASSING LANE			4 LANE PAVEMENT - PL DRIVING LANE		
	CLASS B TYPE II	DOWEL BARS	SAW CUTS	CLASS B TYPE II	DOWEL BARS	SAW CUTS	CLASS B TYPE II	DOWEL BARS	SAW CUTS
	SQ YD	EACH	FOOT	SQ YD	EACH	FOOT	SQ YD	EACH	FOOT
0.00	US RTE. 24								
1.30	LIVINGSTON COUNTY LINE								
1.70	8	20	48						
1.80	8	20	48						
2.50	8	20	48						
2.60	8	20	48						
3.30	8	20	48						
3.60	8	20	48						
3.70	8	20	48						
3.80	8	20	48						
4.40	8	20	48						
4.50	8	20	48						
4.40	8	20	48						
4.50	8	20	48						
5.40	8	20	48						
5.50	8	20	48						
5.60	START HMA OVERLY								
5.80	END HMA OVERLAY								
6.10	8	20	48						
6.30	8	20	48						
6.35	8	20	48						
6.40	8	20	48						
6.42	8	20	48						
6.60	8	20	48						
6.80	8	20	48						
7.40	8	20	48						
7.50	8	20	48						
7.70	8	20	48						
7.75	8	20	48						
7.80	8	20	48						
7.90	8	20	48						
7.97	8	20	48						
8.40	8	20	48						
8.50	8	20	48						
8.60	8	20	48						
8.62	8	20	48						
8.75	START HMA OVERLY								
8.95	END HMA OVERLAY								
9.00	8	20	48						
9.20	8	20	48						
9.30	8	20	48						
9.40	8	20	48						
9.50	START 4 LANE RD.								
9.70				11	20	52			
9.75				8	20	48	8	20	48
9.90	END CONCRETE								
10.10	INTERSECTION IL RTE. 116								
NB TOTALS	288	720	1728	19	40	100	8	20	48

FILE NAME =
USER NAME = woodshankr1
DESIGNED - BOV WOODSHANK
DRAWN - BOV WOODSHANK
CHECKED -
PLOT DATE = Mar 29, 2010 - 09:40:31 AM

DESIGNED - BOV WOODSHANK
DRAWN - BOV WOODSHANK
CHECKED -
DATE -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PATCHING SCHEDULE-NBL

SCALE: _____ SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____

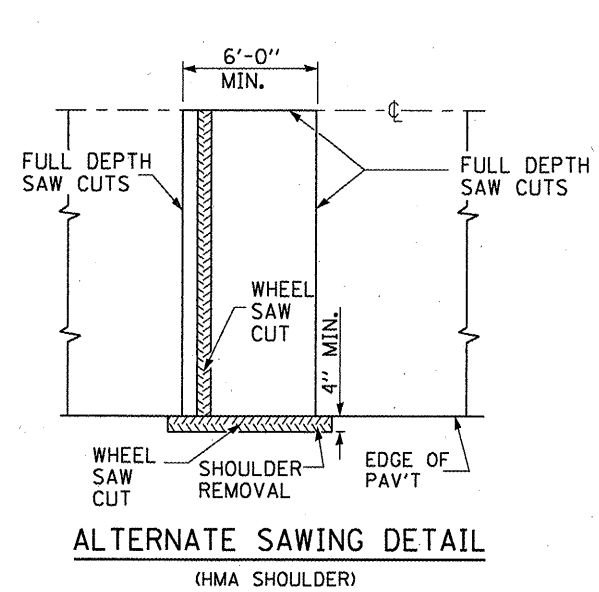
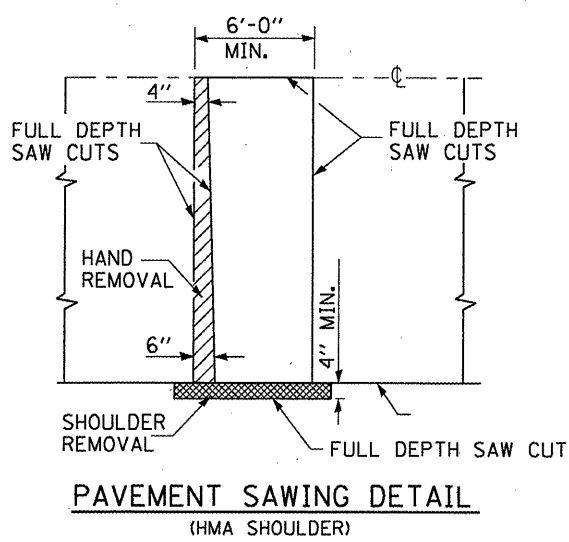
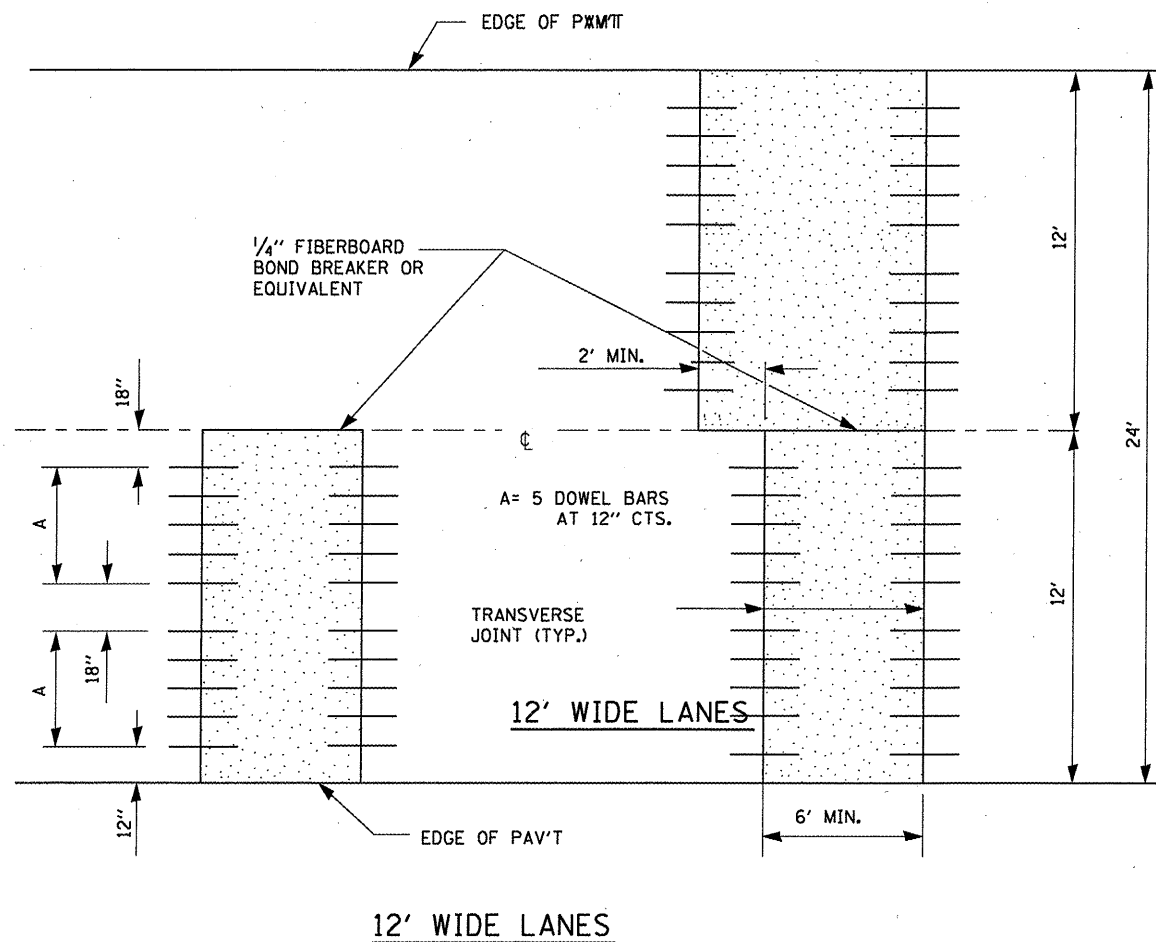
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
294	D3 PATCHING 2011-3	LIVINGSTON	8	5
			CONTRACT NO. 66A32	
ILLINOIS				

PATCHING SCHEDULE - SOUTHBOUND LANE

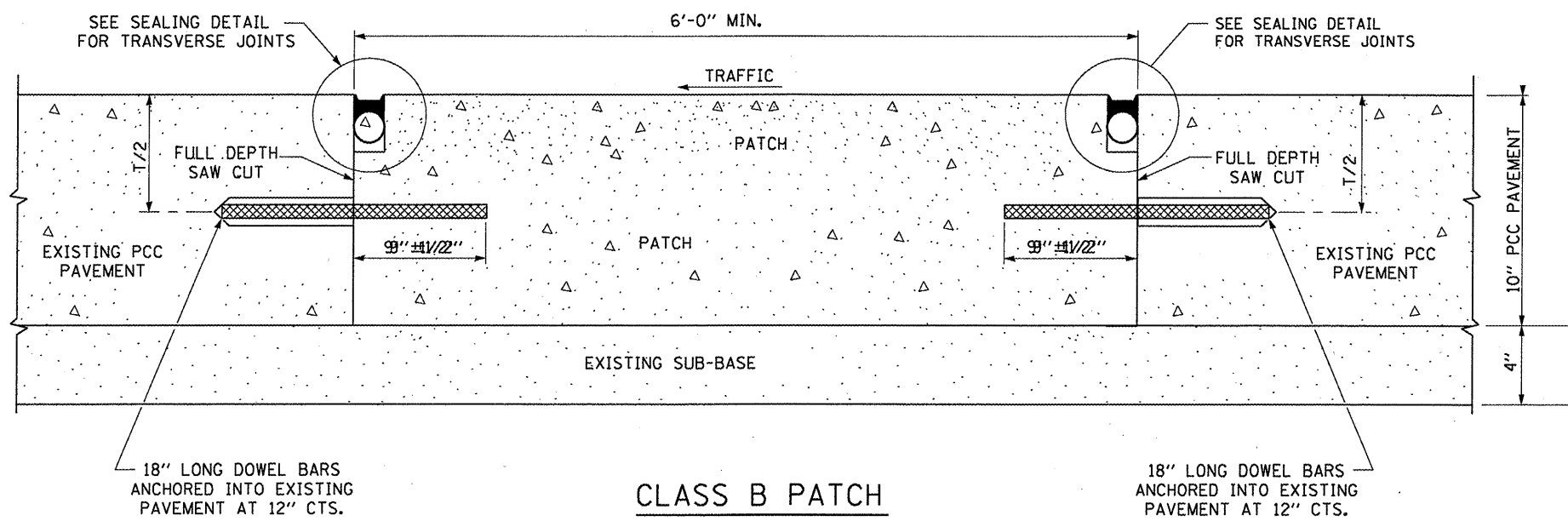
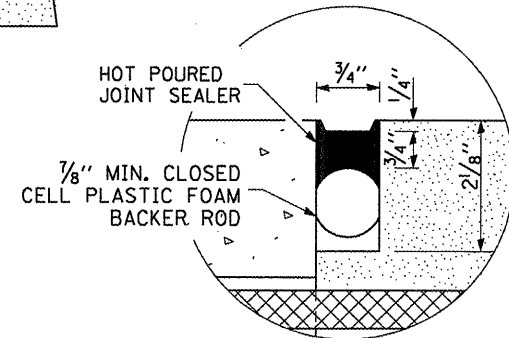
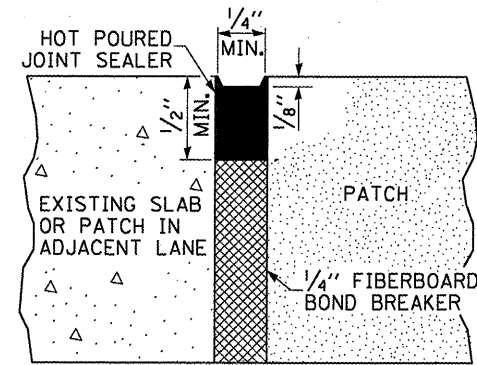
LOCATION M.P.	2 LANE PAVEMENT			4 LANE PAVEMENT - PL PASSING LANE			4 LANE PAVEMENT - PL DRIVING LANE		
	CLASS B TYPE II	DOWEL BARS	SAW CUTS	CLASS B TYPE II	DOWEL BARS	SAW CUTS	CLASS B TYPE II	DOWEL BARS	SAW CUTS
	SQ YD	EACH	FOOT	SQ YD	EACH	FOOT	SQ YD	EACH	FOOT
0.00	INTERSECTION IL RTE. 116								
0.50	END HMA OVERLAY								
0.60	8	20	48						
0.70	8	20	48						
0.75	8	20	48						
0.80	8	20	48						
0.85	8	20	48						
0.90	8	20	48						
0.95	8	20	48						
0.97	8	20	48						
1.05	8	20	48						
1.10	8	20	48						
1.12	8	20	48						
1.15	START HMA OVERLY								
1.40	END HMA OVERLAY								
1.45	8	20	48						
1.50	8	20	48						
1.55	8	20	48						
1.57	8	20	48						
1.58	8	20	48						
1.60	8	20	48						
1.65	8	20	48						
1.80	8	20	48						
1.85	8	20	48						
1.90	8	20	48						
2.00	8	20	48						
2.05	8	20	48						
2.10	8	20	48						
2.15	8	20	48						
2.17	8	20	48						
2.18	8	20	48						
2.20	8	20	48						
2.25	8	20	48						
2.40	8	20	48						
2.45	8	20	48						
2.47	8	20	48						
2.50	8	20	48						
2.55	8	20	48						
2.65	8	20	48						
2.70	8	20	48						
2.80	8	20	48						
2.90	8	20	48						
3.10	8	20	48						
3.15	8	20	48						
3.20	8	20	48						
3.25	8	20	48						
3.30	8	20	48						
SB SUBTOTALS	344	860	2064						

PATCHING SCHEDULE - SOUTHBOUND LANE

LOCATION M.P.	2 LANE PAVEMENT			4 LANE PAVEMENT - PL PASSING LANE			4 LANE PAVEMENT - PL DRIVING LANE		
	CLASS B TYPE II	DOWEL BARS	SAW CUTS	CLASS B TYPE II	DOWEL BARS	SAW CUTS	CLASS B TYPE II	DOWEL BARS	SAW CUTS
	SQ YD	EACH	FOOT	SQ YD	EACH	FOOT	SQ YD	EACH	FOOT
3.40	8	20	48						
3.50	8	20	48						
3.55	8	20	48						
3.80	8	20	48						
3.85	8	20	48						
3.88	8	20	48						
3.90	8	20	48						
4.30	START HMA OVERLY								
4.50	END HMA OVERLAY								
4.60	8	20	48						
4.65	8	20	48						
4.70	8	20	48						
4.90	8	20	48						
5.00	8	20	48						
5.10	8	20	48						
5.20	8	20	48						
5.40	8	20	48						
5.50	8	20	48						
6.10	8	20	48						
6.30	8	20	48						
6.50	8	20	48						
7.30	8	20	48						
7.40	8	20	48						
7.45	8	20	48						
7.60	8	20	48						
7.70	8	20	48						
7.90	8	20	48						
8.10	8	20	48						
8.20	8	20	48						
8.25	8	20	48						
8.30	8	20	48						
8.50	8	20	48						
8.55	8	20	48						
8.65	8	20	48						
8.85	8	20	48						
8.87	8	20	48						
9.10	8	20	48						
9.30	8	20	48						
9.35	8	20	48						
9.60	BEGIN HMA OVERLAY								
10.10	INTERSECTION US RTE. 24								
SB SUBTOTALS	296	740	1776						
SB TOTALS	640	1600	3840						



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"



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 FABRIC.

NOTE 1:

TWO LAYERS OF PAVEMENT FABRIC AS SHOWN SHALL BE REQUIRED FOR TYPE II, TYPE III AND TYPE IV CLASS B PATCHES