

INDEX OF SHEETS

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

STANDARDS

- | | |
|-----------|--|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 420701-03 | PAVEMENT WELDED WIRE REINFORCEMENT |
| 701101-05 | OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE |
| 701601-09 | URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN |
| 701901-05 | TRAFFIC CONTROL DEVICES |

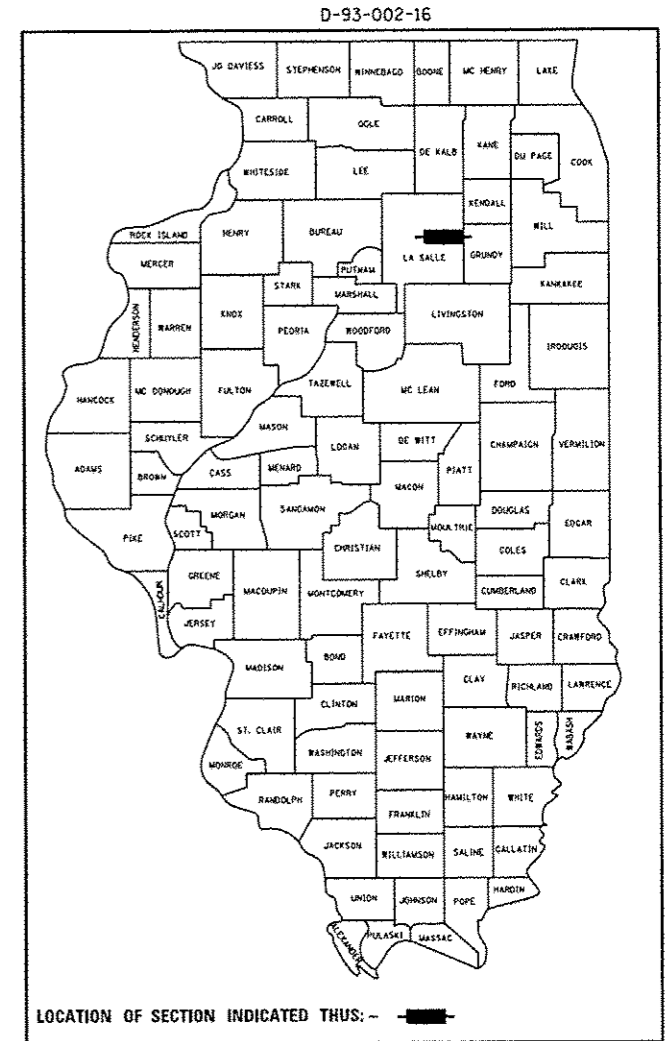
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

**F.A.P. ROUTE 623 (US 6)
SECTION D3 PATCHING 2017-6
PAVEMENT PATCHING
LASALLE COUNTY**

C-93-081-16

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
623	D3 PATCHING 2017-6	LASALLE	8	1
		ILLINOIS	CONTRACT NO. 66F47	



URBAN
OTHER ARTERIAL
FAP 623 (US 6)
2015

ADT	12900
P.V.	93.02%
S.U.	3.49%
M.U.	3.49%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 19 2016
Paul Coetane REGIONAL ENGINEER

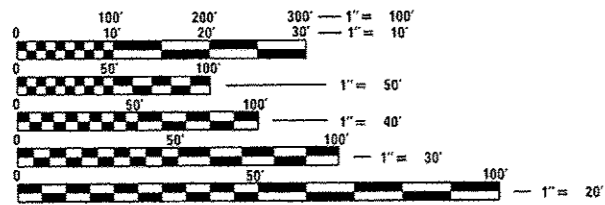
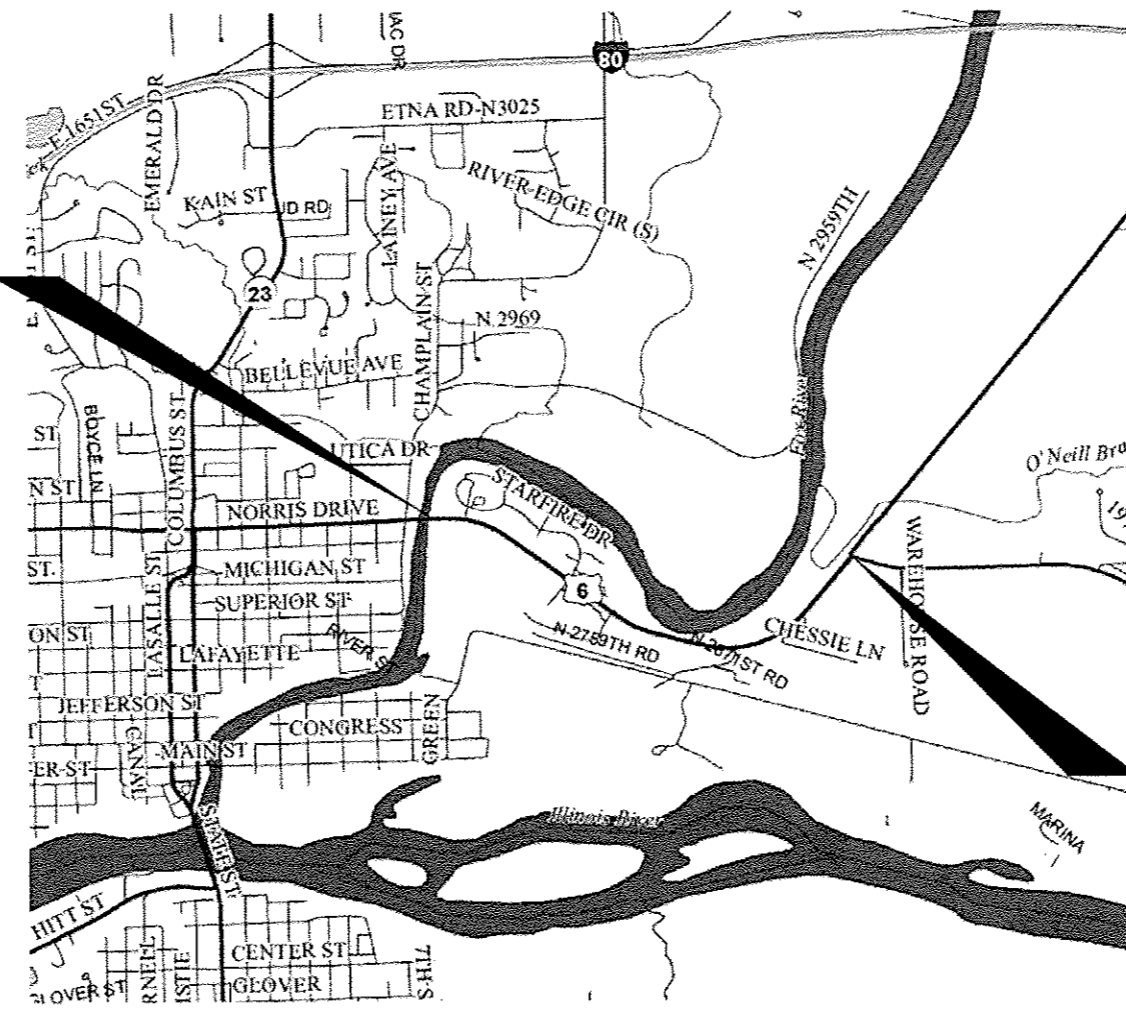
July 1 2016
Maurice M. Addis PE ENGINEER OF DESIGN AND ENVIRONMENT

July 1 2016
David J. [Signature] DIRECTOR OF PROGRAM DEVELOPMENT

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

IMPROVEMENT ENDS
EAST ABUTMENT OF STRUCTURE NO. 050-0033
L.M. 1.44

IMPROVEMENT BEGINS
US 6/IL 71 INTERSECTION
L.M. 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: JOE KANNEL P.E.
UNIT CHIEF: RON WOODSHANK

CONTRACT NO. 66F47

GROSS LENGTH = 7603 FT. = 1.44 MILE
NET LENGTH = 249 FT. = 0.047 MILE

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.

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.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA 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.

COMMITMENTS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

DATE: May 19, 2016

SUPERVISING CONSTRUCTION FIELD ENGINEER

PREPARED BY: Dan Boonick
DISTRICT STUDIES & PLANS ENGINEER

RESIDENT ENGINEER / TECHNICIAN

EXAMINED BY: Hubert K. Jozys
DISTRICT CONSTRUCTION ENGINEER

START & END DATES
OF CONSTRUCTION:

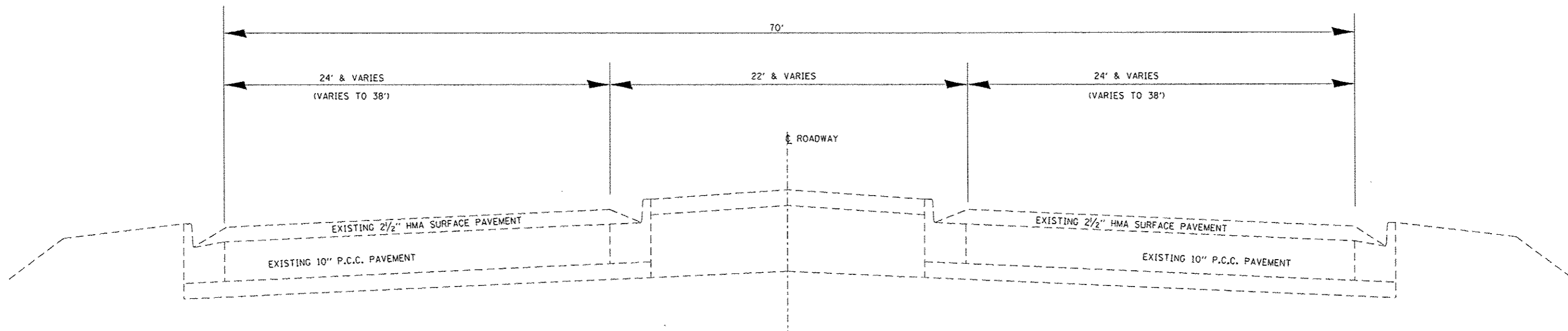
INSPECTORS:

Wayne Phillips
DISTRICT MATERIALS ENGINEER
Ron Humphrey
DISTRICT OPERATIONS ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

FILE NAME: p:\11\084EBID\INTEG\Illinois.gov\PI\DOT\Documents\IDOT Offices\District 3\Projects\036	USER NAME: woodshankel	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN Data\03\RW7-shs-details.dgn	REVISED -			623	D3 PATCHING 2017-6	LASALLE	8	2	
		CHECKED - EP	REVISED -			CONTRACT NO. 66F47					
		DATE - 5/4/2016	REVISED -			ILLINOIS FED. AID PROJECT					
Default	PLOT SCALE: 100.0000 1" = 100'			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.				



TYPICAL SECTION

L.M. 0.00 TO L.M. 1.44

FILE NAME : p:\11004810\INTEG\Illinois.gov\PWIDOT\Do	USER NAME : woodshankr1 c:\users\1001\Documents\District 3\Projects\0306	DESIGNED - RW DRAWN DATE: 03/27/16	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION	F.A.P. RTE. 623	SECTION 03 PATCHING 2017-6	COUNTY LASALLE	TOTAL SHEETS 8	SHEET NO. 4		
Default	PLOT SCALE : 100.0000 1" = 100'	CHECKED - EP DATE - 5/4/2016	REVISED - REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 66F47		

PATCHING SCHEDULE - WESTBOUND LANES

LOCATION	PASSING LANES							DRIVE LANES			
	PATCH LENGTH	CLASS B		DOWEL BARS 1 1/2"	SAW CUTS	WELDED WIRE REINF.	TIE BARS 3/4"	PATCH LENGTH	CLASS B TYPE II 12"	DOWEL BARS 1 1/2"	SAW CUTS
		TYPE II 12"	TYPE III 12"								
LOG MILE	(FT)	SQ YD	SQ YD	EACH	FOOT	SQ YD	EACH	(FT)	SQ YD	(FT)	SQ YD
0.0	6	8		20	48			6	8	20	48
0.3	8	11		20	52			10	13	20	56
0.5								6	8	20	48
0.7	6	8		20	48			6	8	20	48
0.9	12		16	20	60	16					
*0.9	30		20	20	96	20	15	6	8	20	48
0.9								6	8	20	48
0.9											
1.2	6	8		20	48			6	8	20	48
1.2	6	8		20	48			6	8	20	48
1.2								6	8	20	48
1.2											
SUBTOTALS	74	43	36	140	400	36	15	58	77	180	440

*REPRESENTS LONGITUDINAL CRACK

PATCHING TOTALS FOR WESTBOUND LANES

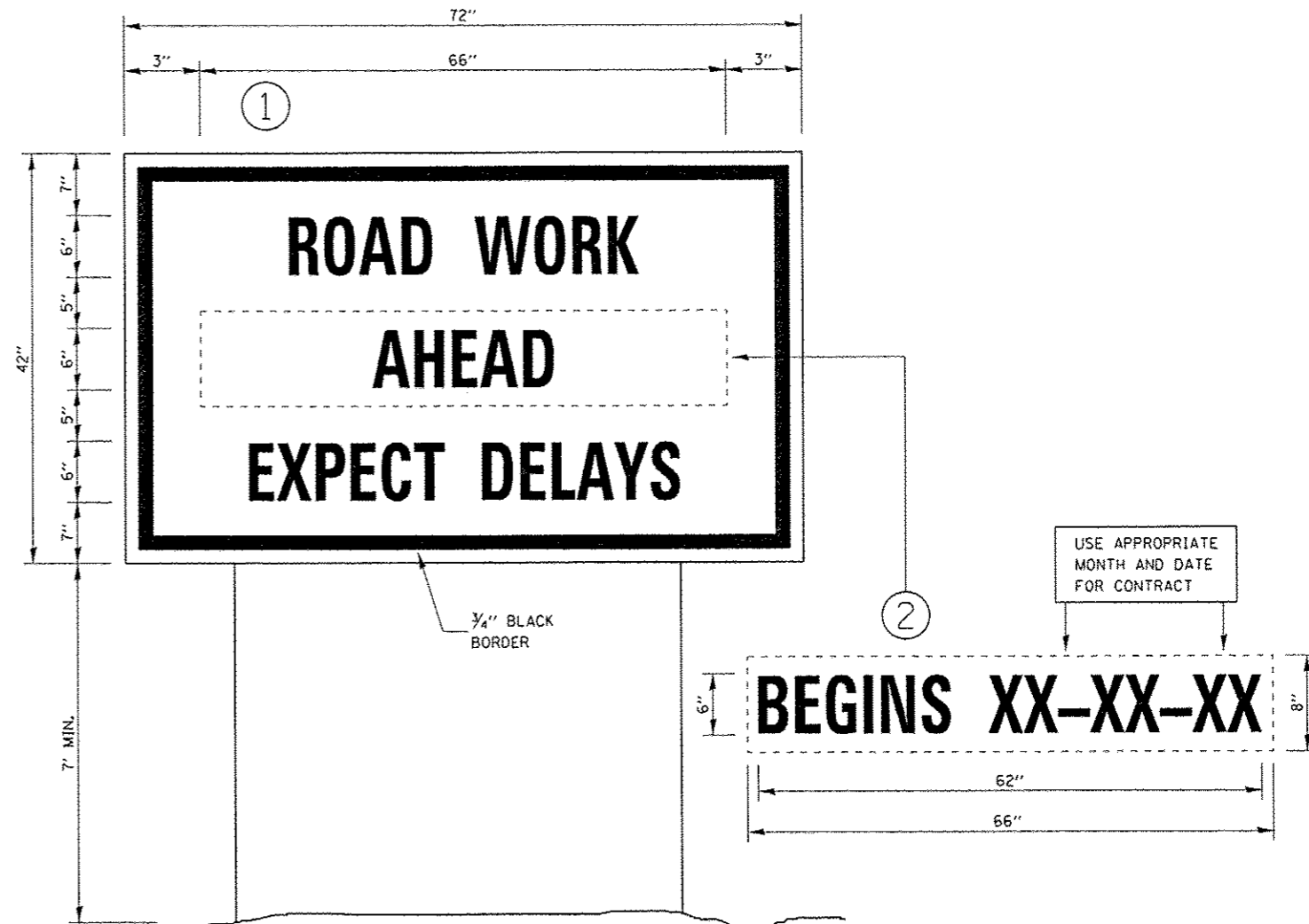
CLASS B		DOWEL BARS 1 1/2"	SAW CUTS	WELDED WIRE REINF.	TIE BARS 3/4"
TYPE II 12"	TYPE III 12"				
SQ YD	SQ YD	EACH	FOOT	SQ YD	EACH
120	36	320	840	36	15

PATCHING SCHEDULE - EASTBOUND LANES

LOCATION	LEFT TURN LANE				PASSING LANES				DRIVE LANES							
	PATCH LENGTH	CLASS B TYPE II 12"	DOWEL BARS 1 1/2"	SAW CUTS	PATCH LENGTH	CLASS B TYPE II 12"	DOWEL BARS 1 1/2"	SAW CUTS	PATCH LENGTH	TYPE II 12"	CLASS B		DOWEL BARS 1 1/2"	SAW CUTS	WELDED WIRE REINF.	TIE BARS 3/4"
											TYPE III 12"	TYPE IV 12"				
LOG MILE	(FT)	SQ YD	EACH	FOOT	(FT)	SQ YD	EACH	FOOT	(FT)	SQ YD	SQ YD	SQ YD	EACH	FOOT	SQ YD	EACH
1.3	6	8	20	48												
1.3	6	8	20	48												
1.2	6	8	20	48												
1.2									6	8			20	48		
1.2									6	8			20	48		
1.1					8	11	20	52	8	11			20	52		
0.9					6	8	20	48	6	8			20	48		
0.8					6	8	20	48								
0.7									6	8			20	48		
0.5									6	8			20	48		
0.4					6	8	20	48								
0.4					6	8	20	48								
0.3					6	8	20	48	20			27	20	76	27	10
0.3					6	8	20	48								
0.2					6	8	20	48								
0.2					6	8	20	48	20			27	20	76	27	10
0.1					6	8	20	48								
0.1					6	8	20	48	15		20		20	66	20	
0.0					6	8	20	48	6	8			20	48		
SUBTOTALS	18	24	60	144	68	91	220	532	99	59	20	54	200	558	74	20

PATCHING TOTALS FOR EASTBOUND LANES

CLASS B		DOWEL BARS 1 1/2"	SAW CUTS	WELDED WIRE REINF.	TIE BARS 3/4"
TYPE II 12"	TYPE III 12"				
SQ YD	SQ YD	EACH	FOOT	SQ YD	EACH
174	20	54	480	1234	74

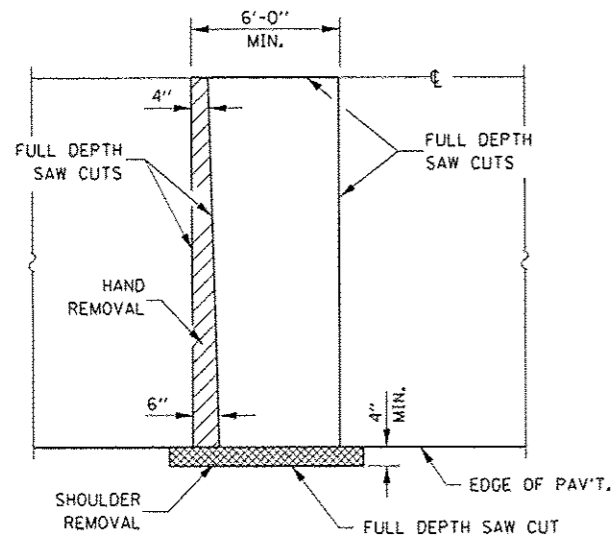


TEMPORARY INFORMATION SIGNING

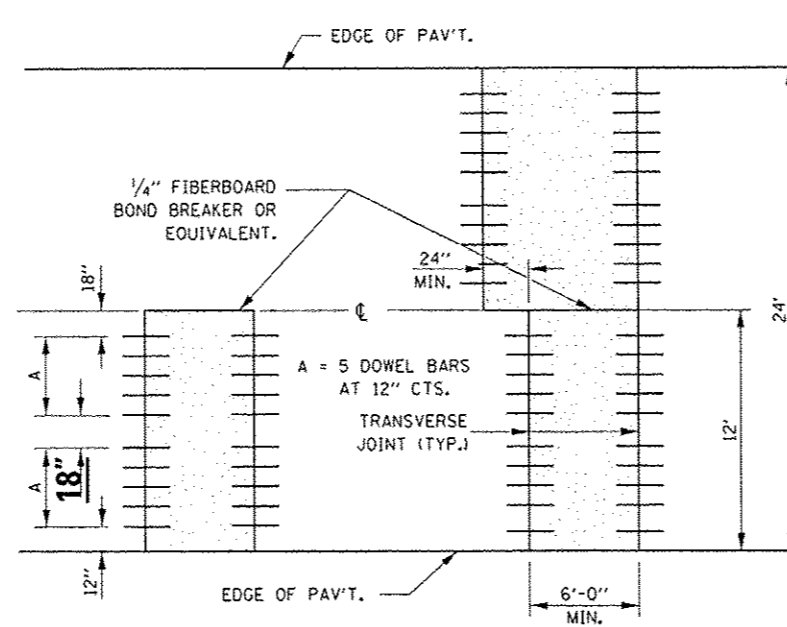
NOTES:

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 SO FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SO FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

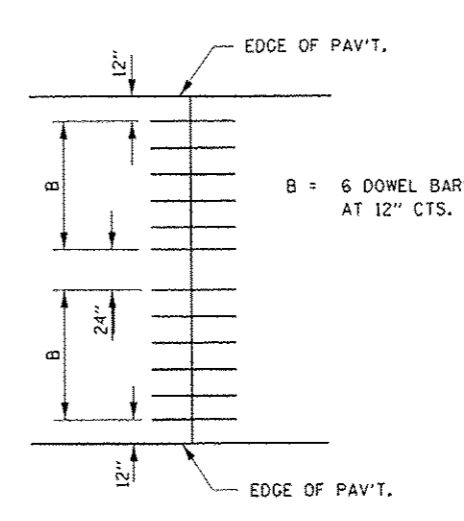
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\\il0346810\HIEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 3\Projects\036	\\il0346810\HIEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 3\Projects\036	DRAWN:	REVISED:			623	D3 PATCHING 2017-6	LASALLE	8	6	
PLOT SCALE = 100.0000 1" = 10'	CHECKED :	REVISED :				SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.		CONTRACT NO. 66F47			
Default	DATE :	REVISED :				ILLINOIS FED. AID PROJECT					



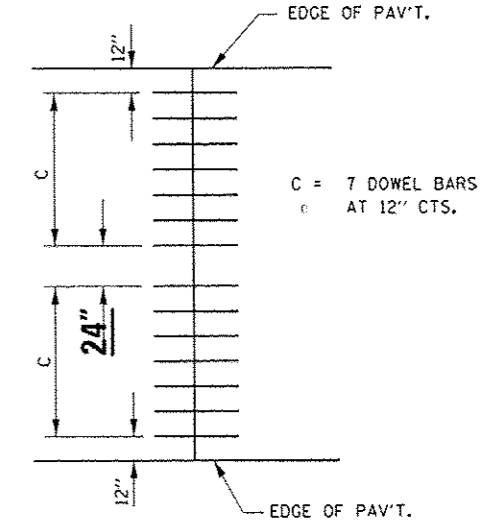
PAVEMENT SAWING DETAIL
(HMA SHOULDER)



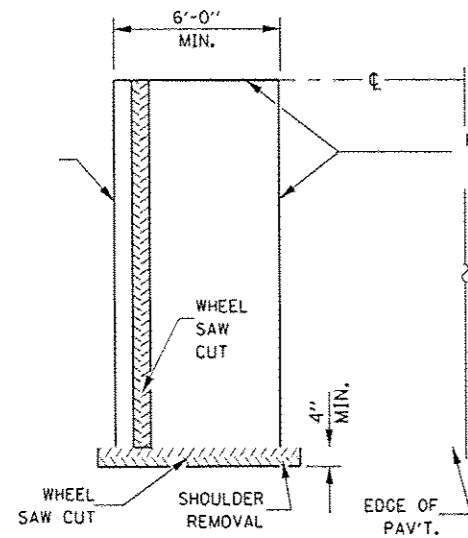
12' WIDE LANES



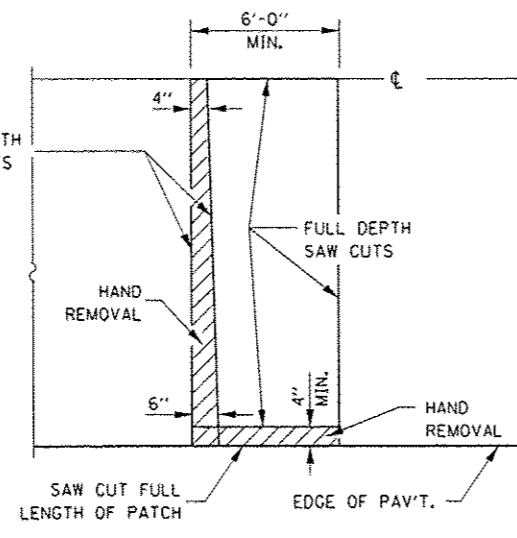
14' WIDE RAMP



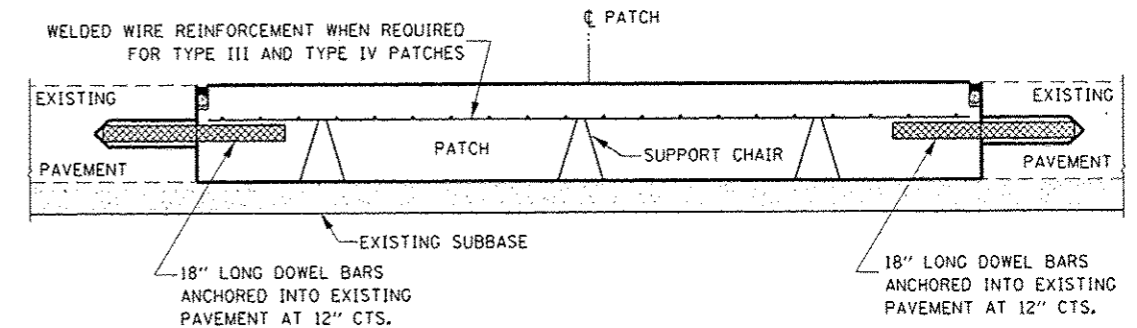
16' WIDE RAMP



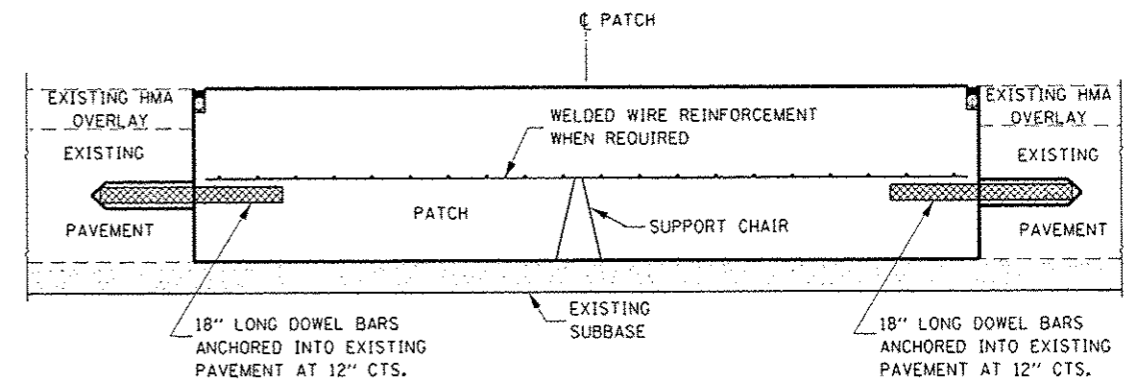
ALTERNATE SAWING DETAIL
(HMA SHOULDER)



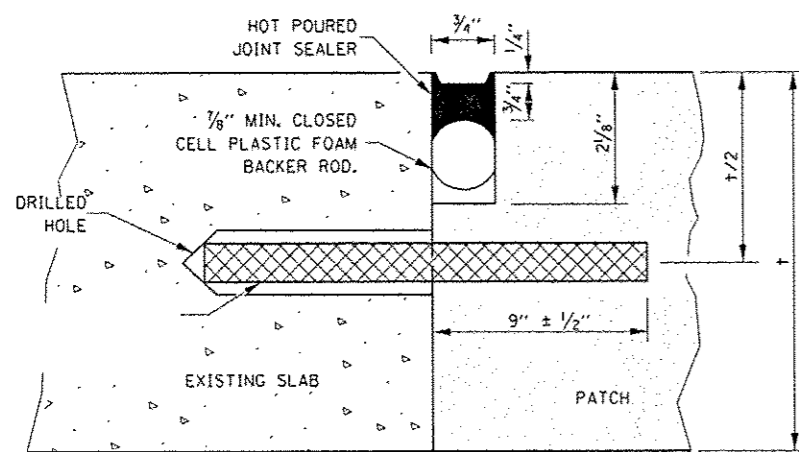
PAVEMENT SAWING DETAIL
(PCC SHOULDER)



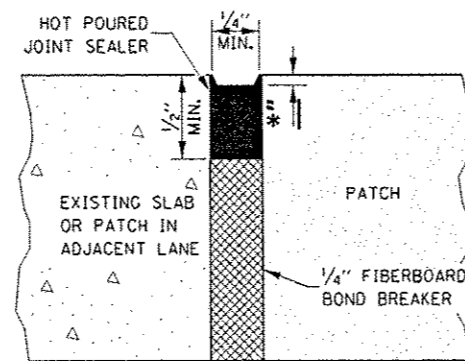
PATCHING WITHOUT HMA OVERLAY



PATCHING WITH HMA OVERLAY



TRANSVERSE JOINT



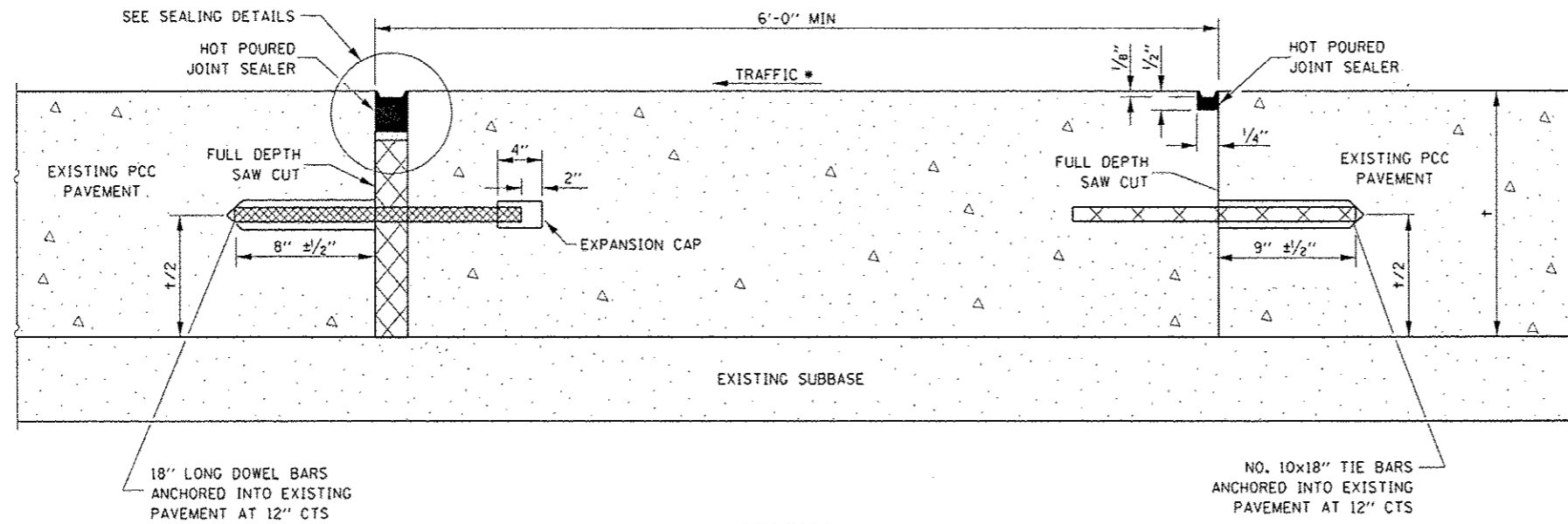
CENTERLINE JOINT

DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
8" OR GREATER	1/2"	1 5/8"
7" THRU 7.99"	1/4"	1 3/8"
LESS THAN 7"	1"	1 1/8"

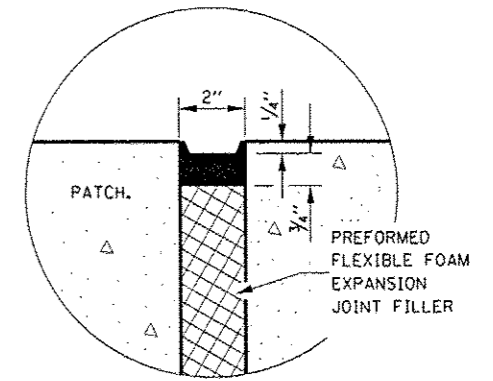
GENERAL NOTES

THE TRANSVERSE JOINTS FOR CLASS B PATCHES SHALL ALIGN WITH JOINTS OR CRACKS IN THE ADJECENT LANE WHENEVER POSSIBLE.

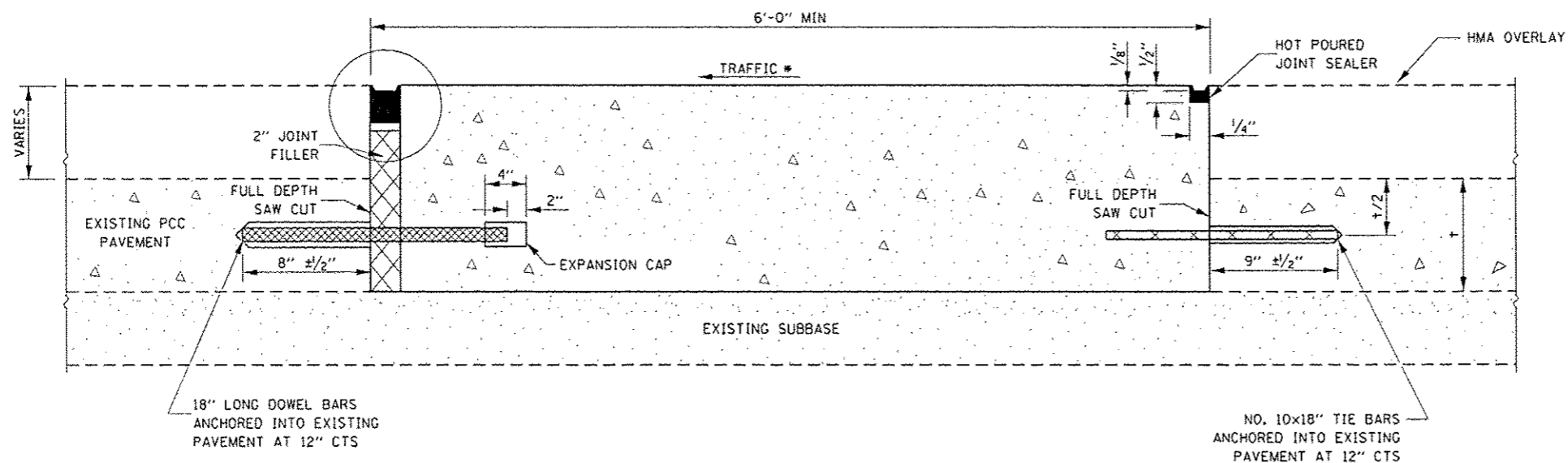
SEE STANDARD 420701 FOR DETAILS OF PAVEMENT WELDED WIRE REINFORCEMENT.



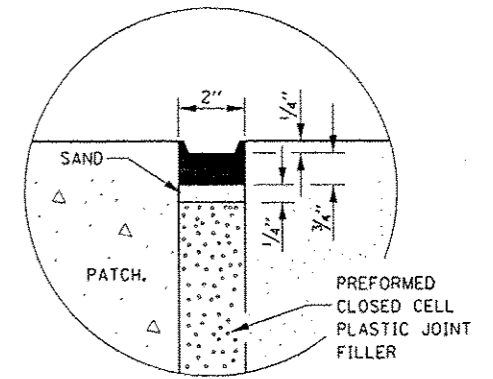
METHOD I
(WITHOUT HMA OVERLAY)



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.

FILE NAME : p:\2\16084EBID\INTEG\Illinois.gov\PH00T\No	USER NAME : woodshank1 Documents\001\Officers\District 3\Projects\036	DESIGNED - RW DRAWN Data\03\RW\7-shd-details.dgn	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CLASS B PATCHING DETAILS	F.A.P. RTE. 623	SECTION D3 PATCHING 2017-6	COUNTY LASALLE	TOTAL SHEETS 8	SHEET NO. 8
Default	PL0T SCALE : 100,0000 1/1 in.	CHECKED - EP DATE - 5/4/2016	SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.			CONTRACT NO. 66F47				
	PL0T DATE : 5/19/2016					ILLINOIS FED. AID PROJECT				