

091

03-08-2019 LETTING ITEM 091

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

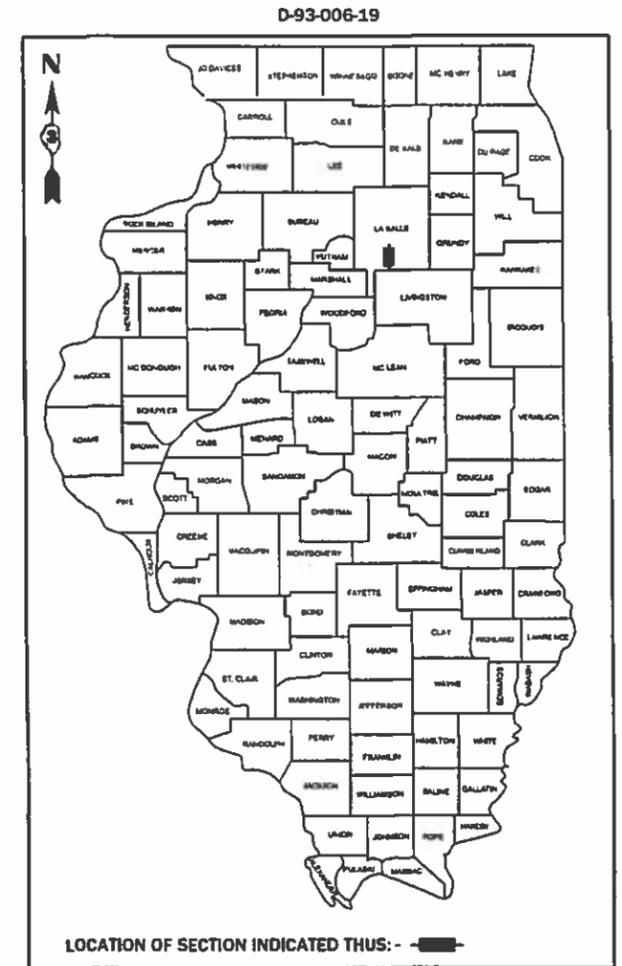
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(2)PP	LASALLE	7	1
		ILLINOIS	CONTRACT NO. 66J50	

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 - 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
 - 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
 - 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
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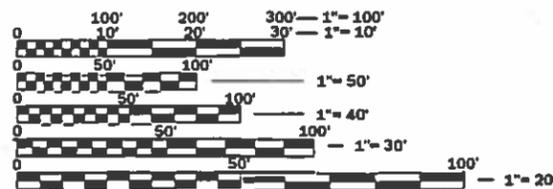
PROPOSED HIGHWAY PLANS

F.A.P. 68 (IL 23)
SECTION (2)PP
PROJECT
PAVEMENT PATCHING
LASALLE COUNTY
C-93-024-19



END IMPROVEMENT
INTERSECTION OF N. 17 (RICHARDS RD.)
AND IL 23 (STA. 206+62)

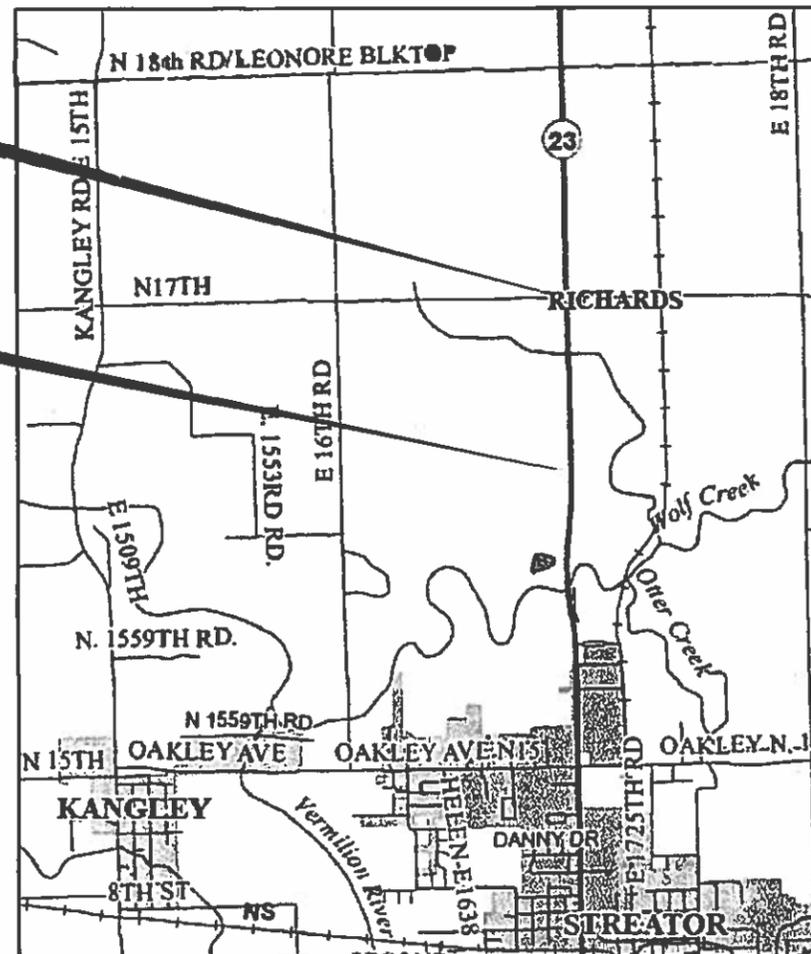
BEGIN IMPROVEMENT
INTERSECTION OF GRACE COMMUNITY CHURCH
(1.34 MILES NORTH OF OAKLEY AVE.)
AND IL 23 (STA. 170+95)



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
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66J50



GROSS LENGTH = 3567 FT. = 0.68 MILE
NET LENGTH = 188 FT. = 0.036 MILE

FUNCTIONAL CLASSIFICATION
RURAL - OTHER ARTERIAL
F.A.P. 68 (IL 23)
2017 ADT = 7450
P.V. 90.9% S.U. 3.7% M.U. 5.4%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 12-11-2018
[Signature] REGIONAL ENGINEER

Feb 1 2019
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

Feb 1 2019
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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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.

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

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.

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.

THE ARROW ON THE BACKSIDE OF THE DIRECTIONAL INDICATOR BARRICADES MUST BE COVERED OR REMOVED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE APPLICABLE TRAFFIC CONTROL STANDARD.

COMMITMENTS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: *[Signature]*
DISTRICT STUDIES & PLANS ENGINEER

DATE: 12-11-18

EXAMINED BY: *[Signature]*
DISTRICT CONSTRUCTION ENGINEER

[Signature]
DISTRICT MATERIALS ENGINEER

[Signature]
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = woodshankr	DESIGNED - JW	REVISED -
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	PLOT DATE = 8/9/2018	DATE - 06/27/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(2)FP	LASALLE	7	2
CONTRACT NO. 66J50				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				CONTRACT MAINTENANCE
				100% STATE ROADWAY
				0005 RURAL
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	60	60
44200050	WELDED WIRE REINFORCEMENT	SQ YD	16	16
44200978	CLASS B PATCHES, TYPE I, 11 INCH	SQ YD	4	4
44200982	CLASS B PATCHES, TYPE II, 11 INCH	SQ YD	304	304
44200986	CLASS B PATCHES, TYPE III, 11 INCH	SQ YD	16	16
44201299	DOWEL BARS 1 1/2"	EACH	702	702
44213200	SAW CUTS	FOOT	1759	1759
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	60	60
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	100	100
67100100	MOBILIZATION	L SUM	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	5	5
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42

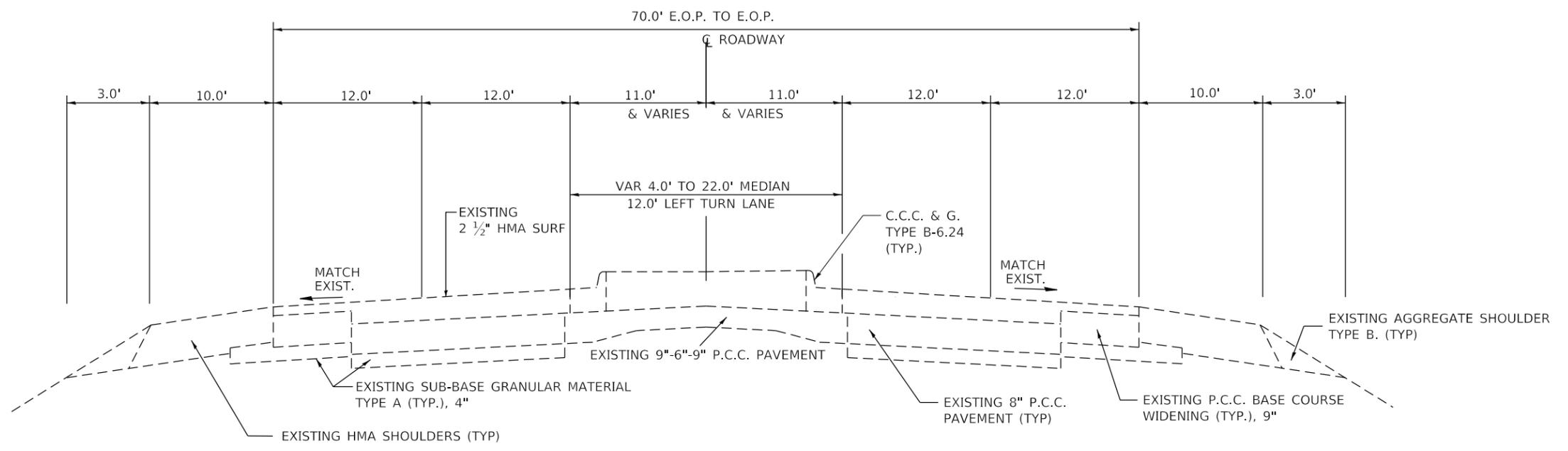
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	PLOT DATE = 1/22/2019	DATE - 06/29/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(2)PP	LASALLE	7	3
CONTRACT NO. 66J50				
ILLINOIS			FED. AID PROJECT	



TYPICAL SECTION

FILE NAME =	USER NAME = woodshank1	DESIGNED - JW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 3\Projects\66J50\CADDData\66J50-cover.dgn		DRAWN - JW	REVISED -		68	(2)PP	LASALLE	7	4	CONTRACT NO. 66J50		
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		DATE - 06/27/2018	REVISED -									

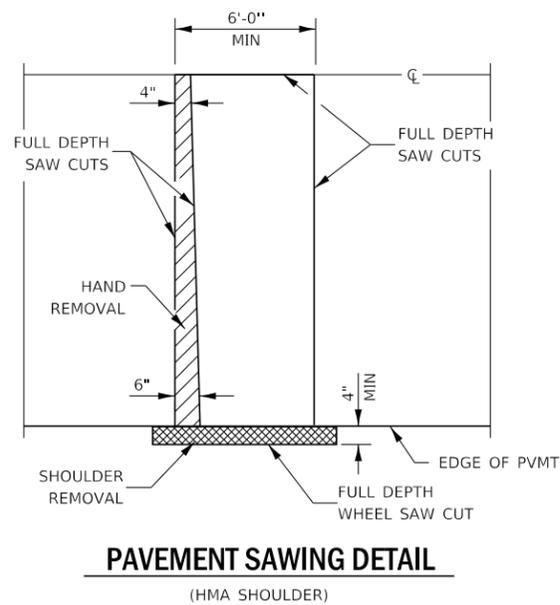
PATCHING SCHEDULE FOR NORTHBOUND LANES

LOCATION	LEFT TURN LANE							PASSING LANE					DRIVE LANE								
	PATCH LENGTH	CLASS B PATCHING			DOWEL BARS	SAW CUTS	WELDED WIRE REINF.	PATCH LENGTH	CLASS B PATCHING			DOWEL BARS	SAW CUTS	WELDED WIRE REINF.	PATCH LENGTH	CLASS B PATCHING			DOWEL BARS	SAW CUTS	WELDED WIRE REINF.
		TYPE I 11"	TYPE II 11"	TYPE III 11"					TYPE I 11"	TYPE II 11"	TYPE III 11"					TYPE I 11"	TYPE II 11"	TYPE III 11"			
STATION	(FT)	SQ YD	SQ YD	SQ YD	EACH	FOOT	SQ YD	(FT)	SQ YD	SQ YD	SQ YD	EACH	FOOT	SQ YD	(FT)	SQ YD	SQ YD	SQ YD	EACH	FOOT	SQ YD
176+02								6		8		20	48		10		13		20	56	
178+02															8		11		20	52	
181+02														6		8		20	48		
181+97								6		8		20	48								
188+05								6		8		20	48		6		8		20	48	
195+14								6		8		20	48		6		8		20	48	
195+42														6		8		20	48		
198+56								6		8		20	48		6		8		20	48	
200+88	6		6		14	39															
202+45															6		8		20	48	
202+88	6	4			8	24		6		8		20	48	6		8		20	48		
SUBTOTALS	12	4	6		22	63		36		48		120	288	60		80		180	444		

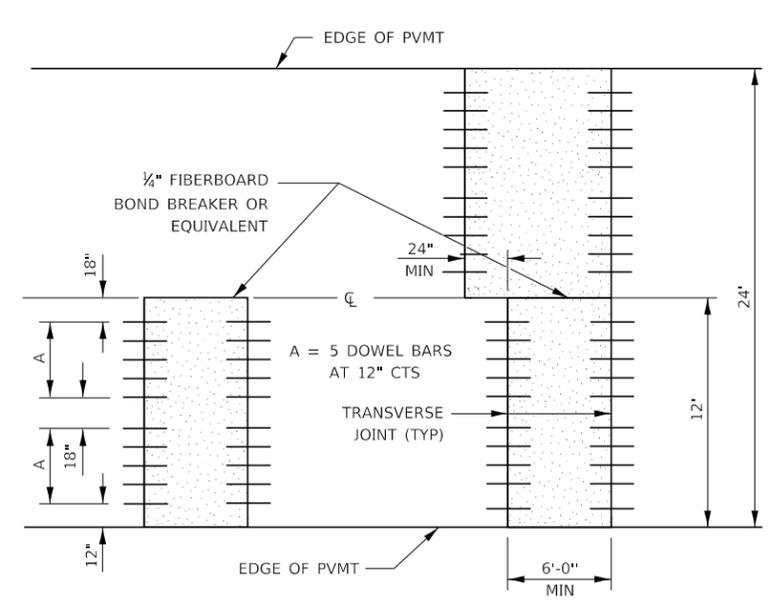
PATCHING SCHEDULE FOR SOUTHBOUND LANES

LOCATION	LEFT TURN LANE							PASSING LANE					DRIVE LANE									
	PATCH LENGTH	CLASS B PATCHING			DOWEL BARS	SAW CUTS	WELDED WIRE REINF.	PATCH LENGTH	CLASS B PATCHING			DOWEL BARS	SAW CUTS	WELDED WIRE REINF.	PATCH LENGTH	CLASS B PATCHING			DOWEL BARS	SAW CUTS	WELDED WIRE REINF.	
		TYPE I 11"	TYPE II 11"	TYPE III 11"					TYPE I 11"	TYPE II 11"	TYPE III 11"					TYPE I 11"	TYPE II 11"	TYPE III 11"				TYPE I 11"
STATION	(FT)	SQ YD	SQ YD	SQ YD	EACH	FOOT	SQ YD	(FT)	SQ YD	SQ YD	SQ YD	EACH	FOOT	SQ YD	(FT)	SQ YD	SQ YD	SQ YD	EACH	FOOT	SQ YD	
204+93															8		11		20	52		
202+90								12			16	20	60	16								
201+84								8		11		20	52									
200+92								10		13		20	56									
197+91								10		13		20	56		10		13		20	56		
195+92														6		8		20	48			
194+86								6		8		20	48		6		8		20	48		
193+96								6		8		20	48									
193+10														6		8		20	48			
191+65								6		8		20	48	6		8		20	48			
183+93								6		8		20	48									
180+95								10		13		20	56									
180+24								6		8		20	48		6		8		20	48		
175+23								6		8		20	48									
172+41								6		8		20	48	6		8		20	48			
SUBTOTALS								92		106	16	240	616	16	48		64		140	348		

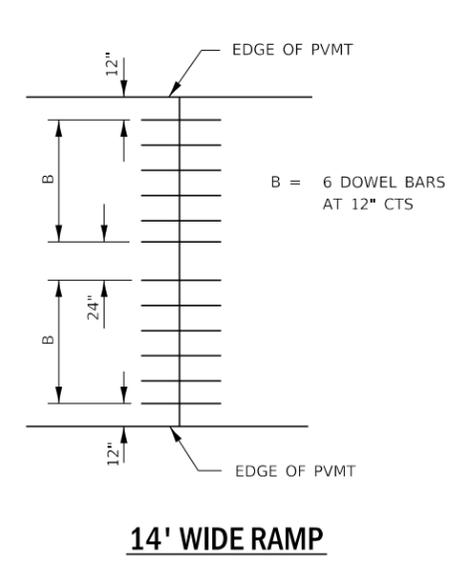
LOCATION	COMBINATION CURB & GUTTER REMOVAL	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	CONCRETE MEDIAN SURFACE, 4"
STATION	FOOT	FOOT	SQ FT
NORTHBOUND LANES			
176+02	10	10	
202+88	20	20	100
SOUTHBOUND LANES			
200+92	10	10	
191+65	10	10	
180+95	10	10	
TOTALS	60	60	100



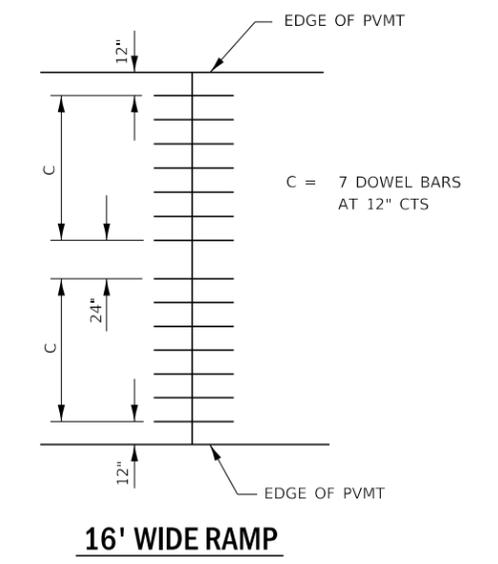
PAVEMENT SAWING DETAIL
(HMA SHOULDER)



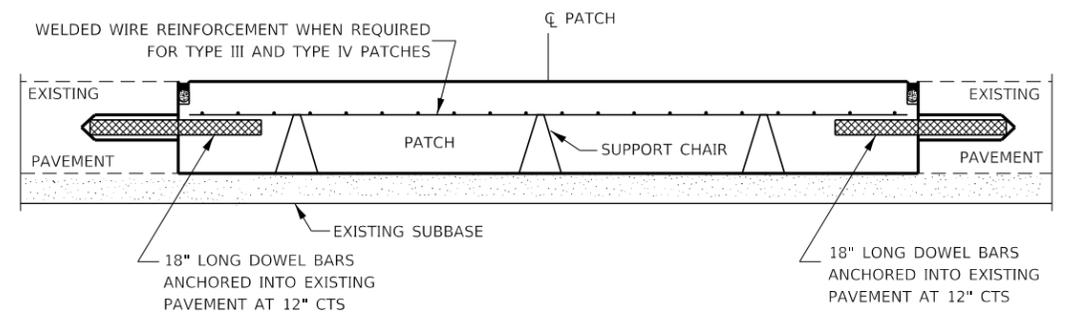
12' WIDE LANES



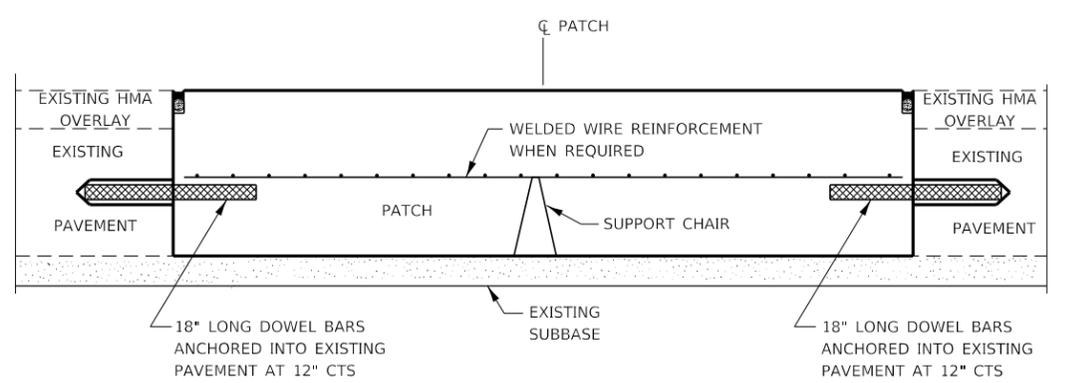
14' WIDE RAMP



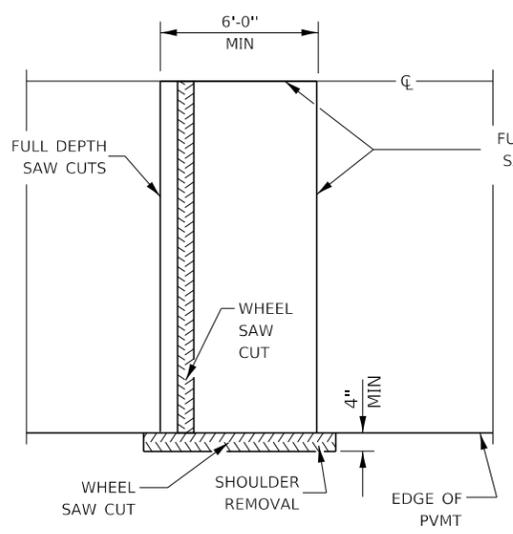
16' WIDE RAMP



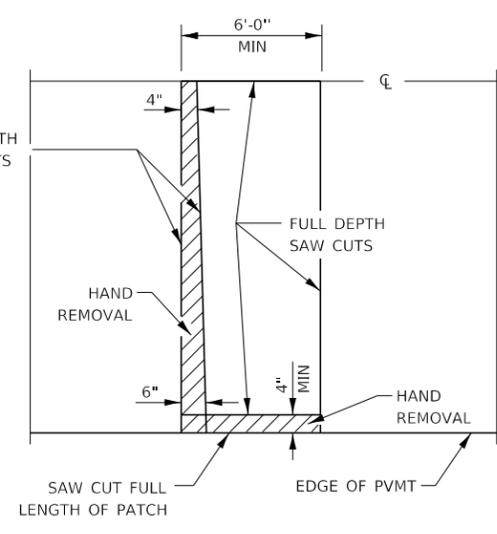
PATCHING WITHOUT HMA OVERLAY



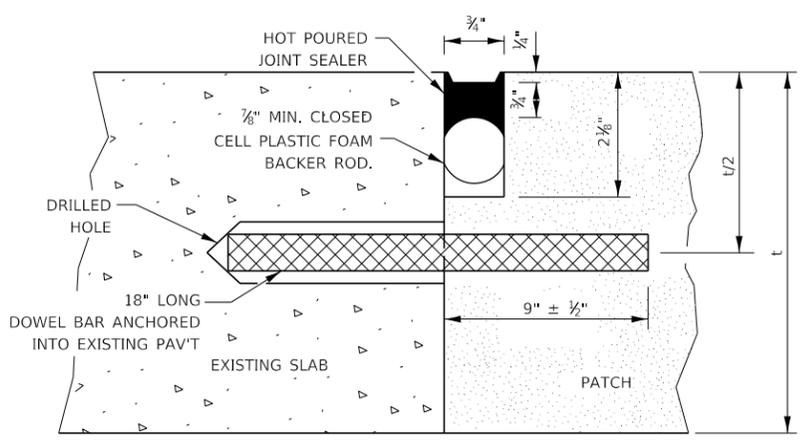
PATCHING WITH HMA OVERLAY



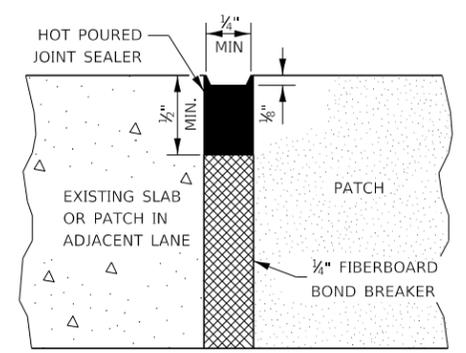
ALTERNATE SAWING DETAIL
(HMA SHOULDER)



PAVEMENT SAWING DETAIL
(PCC SHOULDER)



TRANSVERSE JOINT

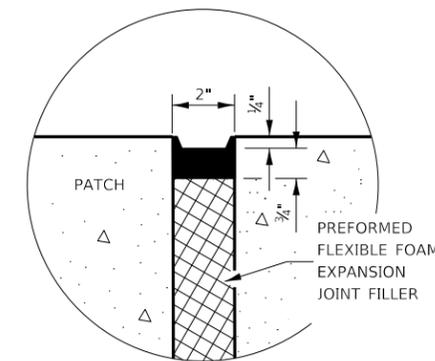
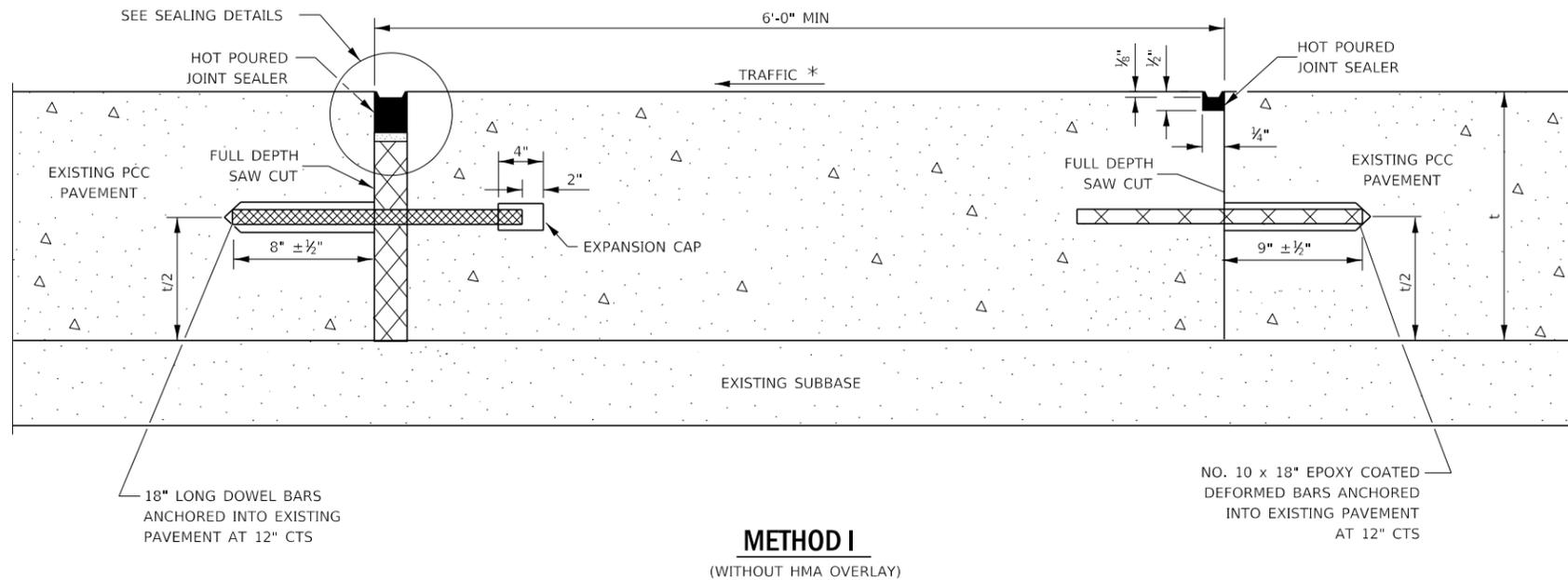


CENTERLINE JOINT

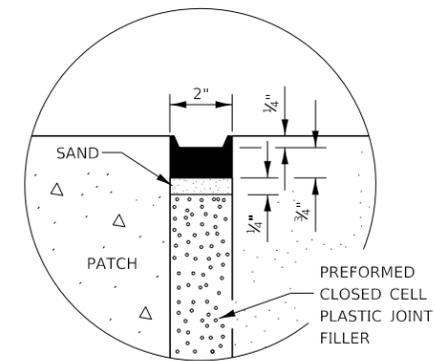
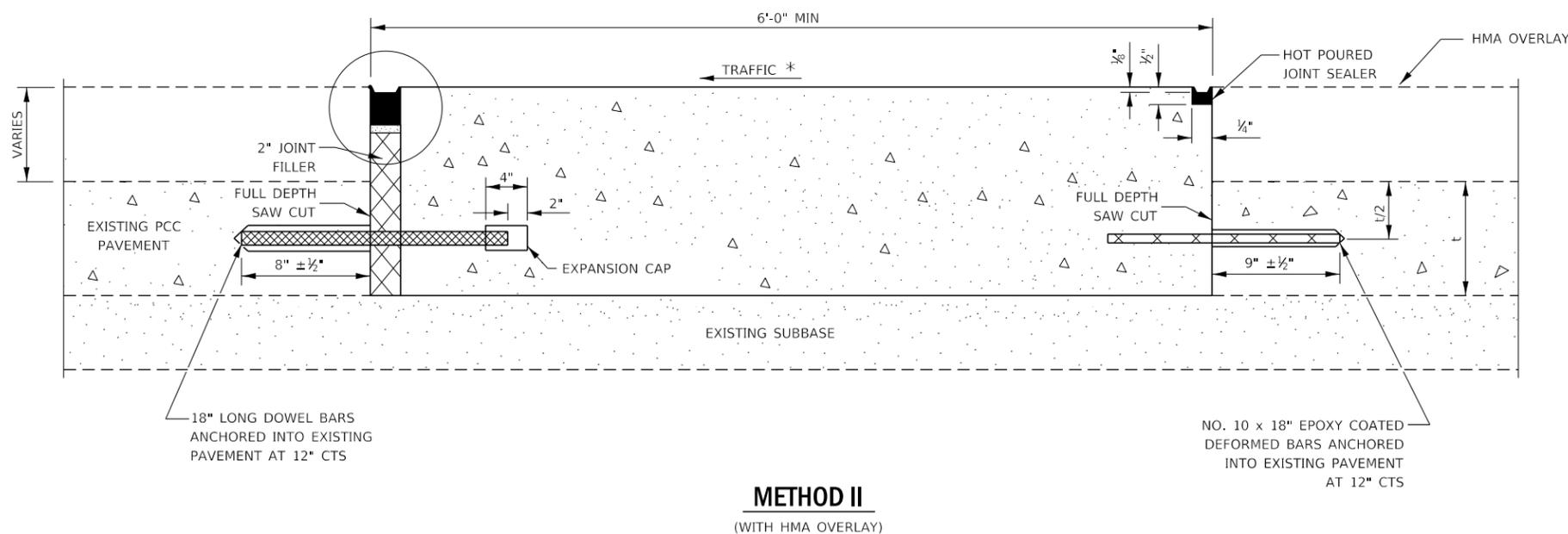
DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
8" OR GREATER	1 1/2"	1 3/8"
7" THRU 7.99"	1 1/4"	1 3/16"
LESS THAN 7"	1"	1 3/16"

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.



SEALING DETAIL



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 =	USER NAME = woodshank1	DESIGNED - JW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CLASS B PATCHING DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EB\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 3\Projects\0366\J50\CADDData\66J50-cover.dgn	DRAWN - JW	REVISED -	68					(2)PP	LASALLE	7	7	
Default	PLOT SCALE = 100,0000' / in.	CHECKED - RW	REVISED -		CONTRACT NO. 66J50							
	PLOT DATE = 8/9/2018	DATE - 06/27/2018	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT