

INDEX OF SHEETS

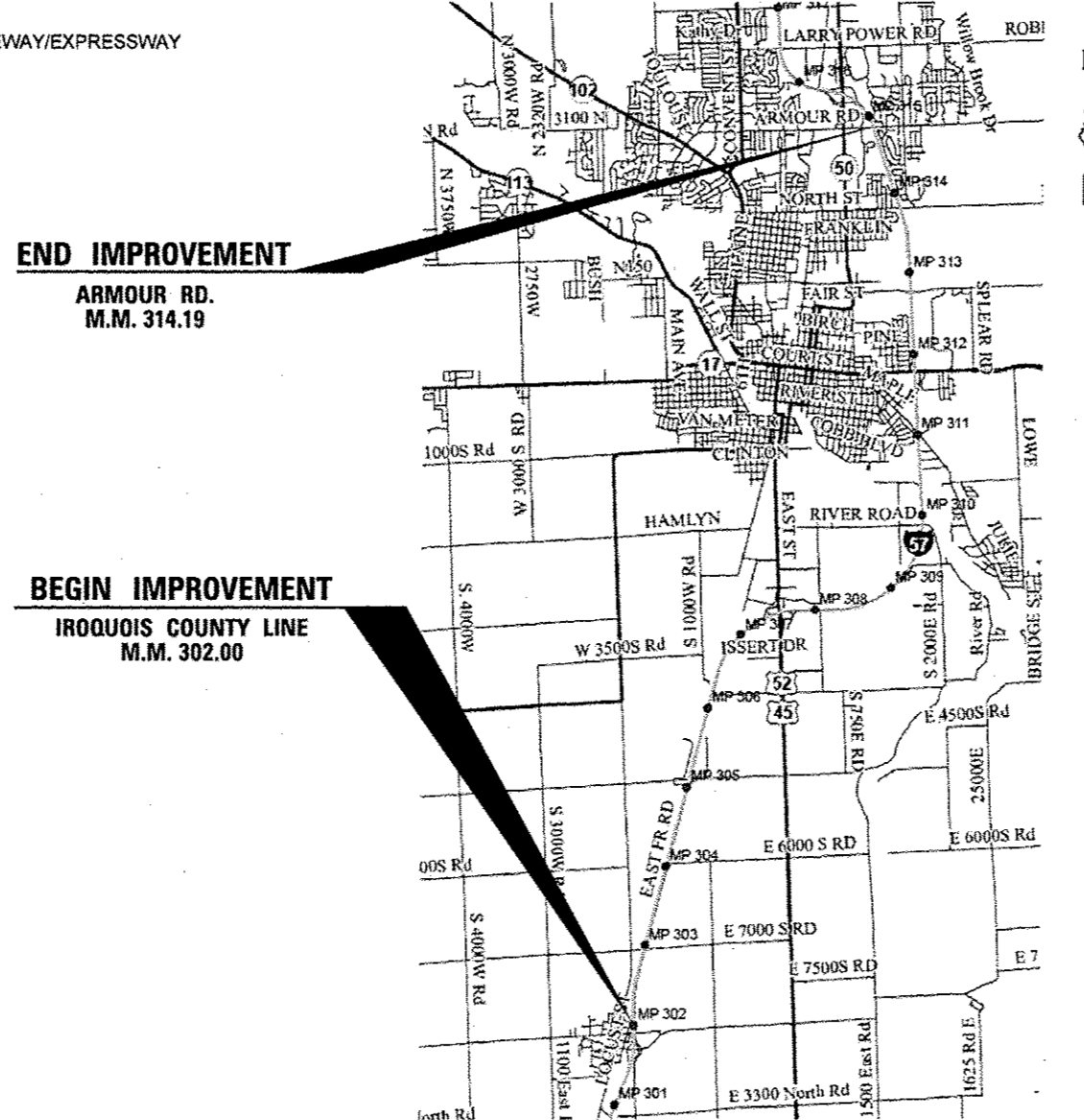
- 1. COVER SHEET
- 2. GENERAL NOTES
- 3 - 4. SUMMARY OF QUANTITIES
- 5 - 6. TYPICAL SECTION
- 7 - 9. SCHEDULES
- 10. TRAFFIC CONTROL AND PROTECTION, STANDARD 701400 (SPECIAL)
- 11. PAVEMENT MARKING
- 12 - 14. CLASS A PATCHING DETAILS
- 15 - 17. CLASS B PATCHING DETAILS

STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701101-04 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
- 701401-09 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH
- 701426-07 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701428 TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
- 701901-04 TRAFFIC CONTROL DEVICES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS
FAI ROUTE 57 (I-57)
SECTION D3 PATCHING 2016-6
PAVEMENT PATCHING
KANKAKEE COUNTY

C-93-101-15

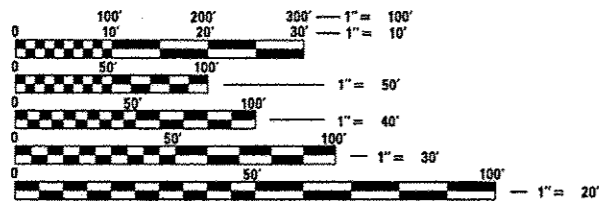


END IMPROVEMENT

**ARMOUR RD.
M.M. 314.19**

BEGIN IMPROVEMENT

**IROQUOIS COUNTY LINE
M.M. 302.00**



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.

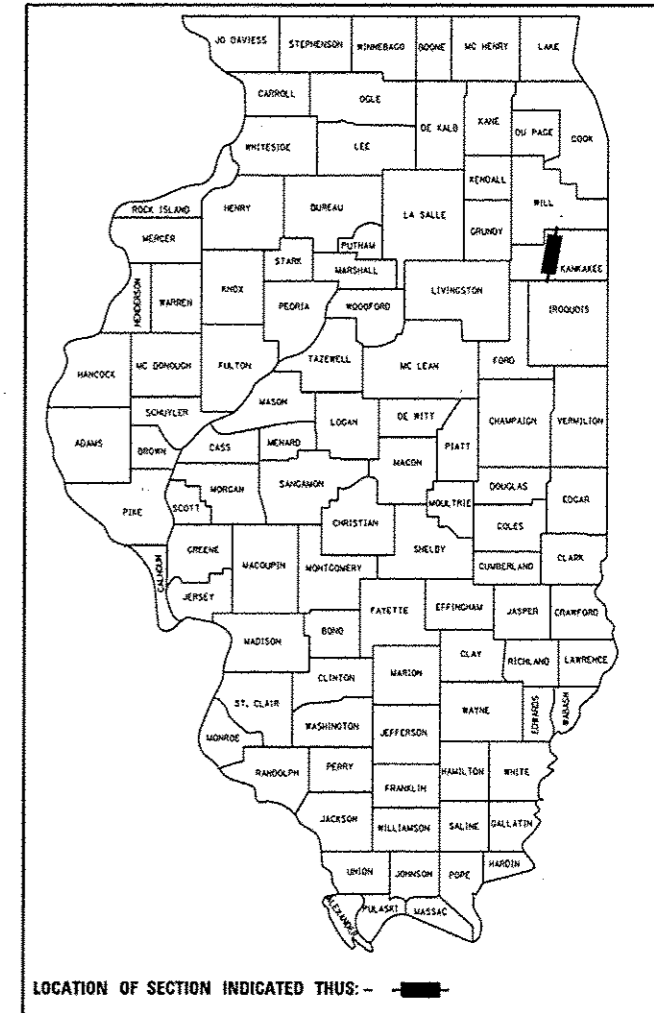
J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 OR 811

PROJECT ENGINEER: JOE KANNEL P.E.
UNIT CHIEF: RON WOODSHANK
TOWNSHIP: VARIOUS
CONTRACT NO. 66E77

GROSS LENGTH = 68,1659 FT. = 12.9189 MILE
 NET LENGTH = 582 FT. = 0.110 MILE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D3 PATCHING 2016-6	KANKAKEE	17	1
		ILLINOIS	CONTRACT NO. 66E77	

D-93-002-15



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

RURAL	
INTERSTATE	
FAI 57 (I-57)	
2011	
ADT	17300
P.V.	65.23%
S.U.	3.99%
M.U.	30.78%

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

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

May 8 2015
Dino D. Baranzelli PE/EA
 ENGINEER OF DESIGN AND ENVIRONMENT

May 8 2015
Chris Osman PE/EA
 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.

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.

FOR STABILIZATION, ALL TYPE III BARRICADES WILL 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.

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: [Signature]
DISTRICT CONSTRUCTION ENGINEER

[Signature]
DISTRICT MATERIALS ENGINEER

[Signature]
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = woodshankr1	DESIGNED - RW	REVISED -
c:\pwwork\pwwork\woodshankr1\0429637\036677-sht-details.dgn		DRAWN - RW	REVISED -
		CHECKED - TP	REVISED -
		DATE - 3/12/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

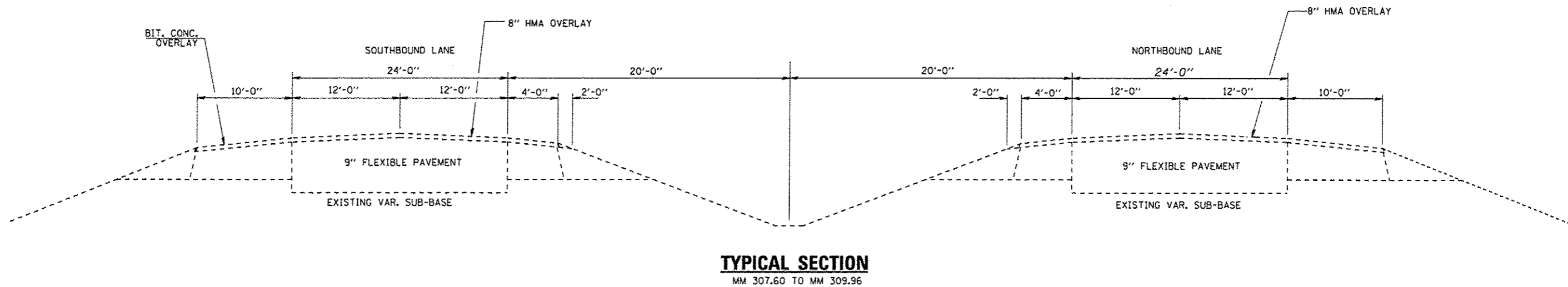
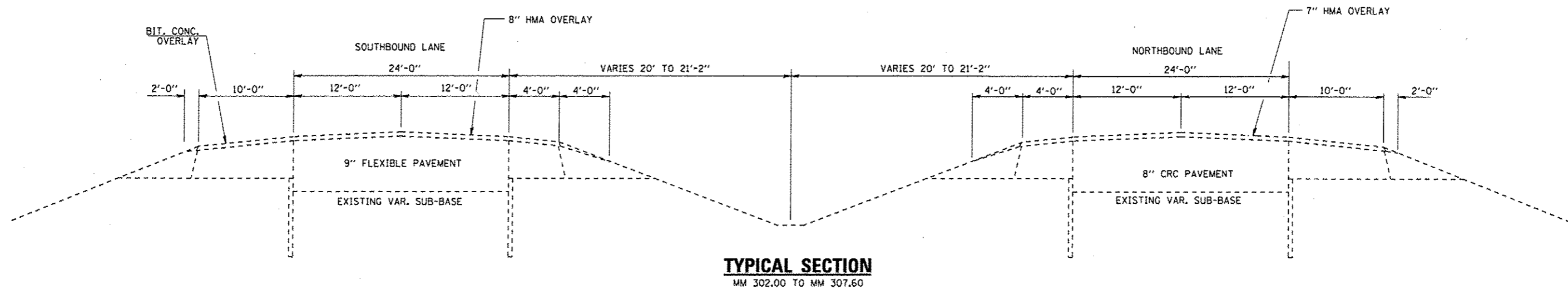
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D3 PATCHING 2016-6	KANKAKEE	17	2
			CONTRACT NO. 66E77	
ILLINOIS				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				CONT MAINT 100% STATE ROADWAY	CONT MAINT 100% STATE ROADWAY
				0005 RURAL	0005 URBAN
44200630	CLASS A PATCHES, TYPE II, 15 INCH	SO YD	264	152	112
44201055	CLASS B PATCHES, TYPE II, 17 INCH	SO YD	328		328
44201299	DOWEL BARS 1 1/2"	EACH	906		906
44213000	PATCHING REINFORCEMENT	SO YD	264	152	112
44213100	PAVEMENT FABRIC	SO YD	984	152	832
44213200	SAW CUTS	FOOT	3351	684	2667
44213204	TIE BARS 3/4"	EACH	792	456	336
67100100	MOBILIZATION	LSUM	1	0.5	0.5
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	10		10
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	4	6
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	558	114	444
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	700	170	530
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	84	42	42
X0326880	MESSAGE BOARD VEHICLE DRIVER	HOUR	180	90	90

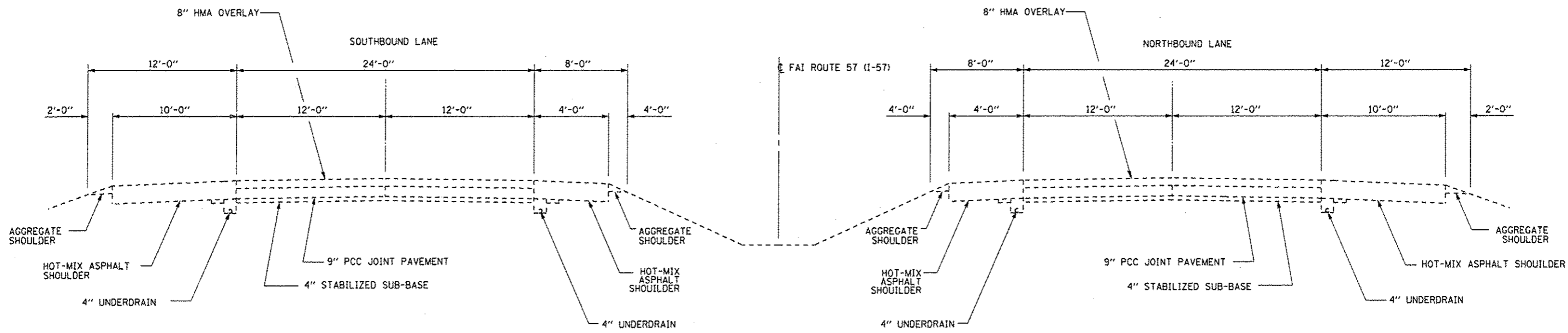
• SPECIALTY ITEM

FILE NAME *	USER NAME * woodshenkr1	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\woodshenkr1\d8429637\0366E77-sht-details.dgn	DRAWN - RW	REVISED -	57			D3 PATCHING 2016-6	KANKAKEE	17	3	
PLOT SCALE * 100.0000' / in.	CHECKED - TP	REVISED -	CONTRACT NO. 66E77							
PLOT DATE * 4/1/2015	DATE - 3/12/2015	REVISED -	SCALE: _____			SHEET NO. 1 OF 2 SHEETS	STA. _____ TO STA. _____	[ILLINOIS]		

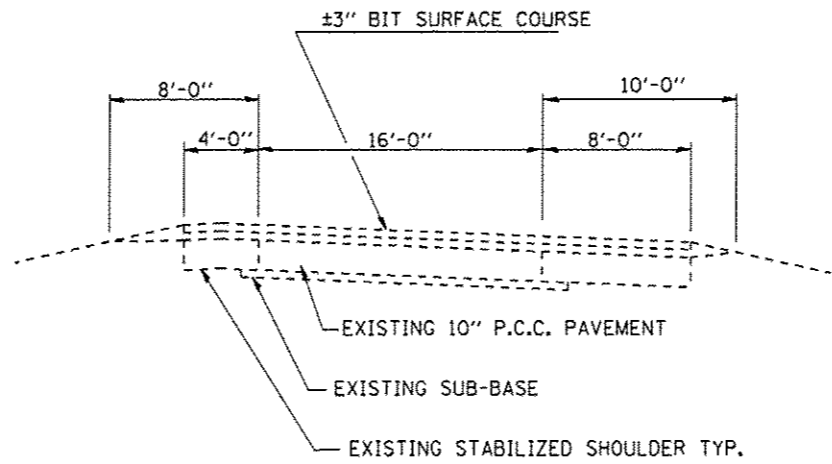
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				CONT MAINT 100% STATE ROADWAY	CONT MAINT 100% STATE ROADWAY
				0005 RURAL	0005 URBAN
X0326907	PORTABLE, VEHICLE MOUNTED, CHANGEABLE MESSAGE SIGN	CAL MO	0.5	0.25	0.25
X7010410	SPEED DISPLAY TRAILER	CAL MO	0.5	0.25	0.25
X7010805	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 (SPECIAL)	LSUM	1	0.5	0.5



FILE NAME =	USER NAME = woodshankr1	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pvidos\woodshankr1\d0429637\0366E77-ent-detail.dgn	DRAWN - RW	REVISED -	57			D3 PATCHING 2016-6	KANKAKEE	17	5	
PLOT SCALE = 1/8" = 1'-0"	CHECKED - TP	REVISED -	CONTRACT NO. 66E77							
PLOT DATE = 3/21/2015	DATE - 3/12/2015	REVISED -	ILLINOIS							
				SCALE: _____	SHEET NO. 1 OF 2 SHEETS	STA. _____ TO STA. _____				



TYPICAL SECTION
MM 309.96 TO MM 314.91



RAMP TYPICAL

FILE NAME =	USER NAME = woodshenkrl	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\woodshenkrl\28429637\286E77-shr-detail.dgn	DRAWN - RW	REVISED -	57				D3 PATCHING 2016-6	KANKAKEE	17	6	
PLOT SCALE = 1/8" = 1'-0"	CHECKED - TP	REVISED -	CONTRACT NO. 66E77								
PLOT DATE = 3/31/2015	DATE - 3/12/2015	REVISED -	ILLINOIS								
				SCALE: _____		SHEET NO. 2 OF 2 SHEETS		STA. _____ TO STA. _____			

PATCHING SCHEDULE

LOCATION BY MILE POST	PASSING LANE	DRIVING LANE	PASSING LANE					DRIVING LANE				
			CLASS A PATCHING TYPE II 15"	PATCH REINF.	PAV'T FABRIC	SAW CUTS	TIE BARS	CLASS A PATCHING TYPE II 15"	PATCH REINF.	PAV'T FABRIC	SAW CUTS	TIE BARS
			SQ YD	SQ YD	SQ YD	FOOT	EACH	SQ YD	SQ YD	SQ YD	FOOT	EACH
NORTHBOUND LANES												
RURAL AREA												
302.40	6		8	8	8	36	24					
302.50	6	6	8	8	8	36	24	8	8	8	36	24
302.58		6						8	8	8	36	24
302.75		6						8	8	8	36	24
302.80	6	6	8	8	8	36	24	8	8	8	36	24
303.20		6						8	8	8	36	24
303.30		6						8	8	8	36	24
303.40		6						8	8	8	36	24
303.45		6						8	8	8	36	24
303.50		6						8	8	8	36	24
303.52		6						8	8	8	36	24
303.58		6						8	8	8	36	24
303.90		6						8	8	8	36	24
304.00		6						8	8	8	36	24
304.40		6						8	8	8	36	24
304.90		6						8	8	8	36	24
305.00		6						8	8	8	36	24
RURAL SUBTOTAL			24	24	24	108	72	128	128	128	576	384
URBAN AREA												
305.10		6						8	8	8	36	24
305.14		6						8	8	8	36	24
305.15		6						8	8	8	36	24
305.19		6						8	8	8	36	24
305.20		6						8	8	8	36	24
305.30		6						8	8	8	36	24
305.32		6						8	8	8	36	24
305.35		6						8	8	8	36	24
305.37		6						8	8	8	36	24
305.50		6						8	8	8	36	24
305.70		6						8	8	8	36	24
306.60	6	6	8	8	8	36	24	8	8	8	36	24
306.90		6						8	8	8	36	24
URBAN SUBTOTAL			8	8	8	36	24	104	104	104	468	312
NB TOTALS			32	32	32	144	96	232	232	232	1044	696

PATCHING SCHEDULE

LOCATION BY MILE POST	PASSING LANE	DRIVING LANE	PASSING LANE					DRIVING LANE				
			CLASS B PATCHING TYPE II 17"	DOWEL BARS	PAV'T FABRIC	SAW CUTS	TIE BARS	CLASS B PATCHING TYPE II 17"	DOWEL BARS	PAV'T FABRIC	SAW CUTS	TIE BARS
			SQ YD	EACH	SQ YD	FOOT	EACH	SQ YD	EACH	SQ YD	FOOT	EACH
NORTHBOUND LANES												
URBAN AREA												
313.10		6						8	20	16	48	
313.15		6						8	20	16	48	
313.90		6						8	20	16	48	
314.00		6						8	20	16	48	
NB TOTALS								32	80	64	192	

PATCHING SCHEDULE

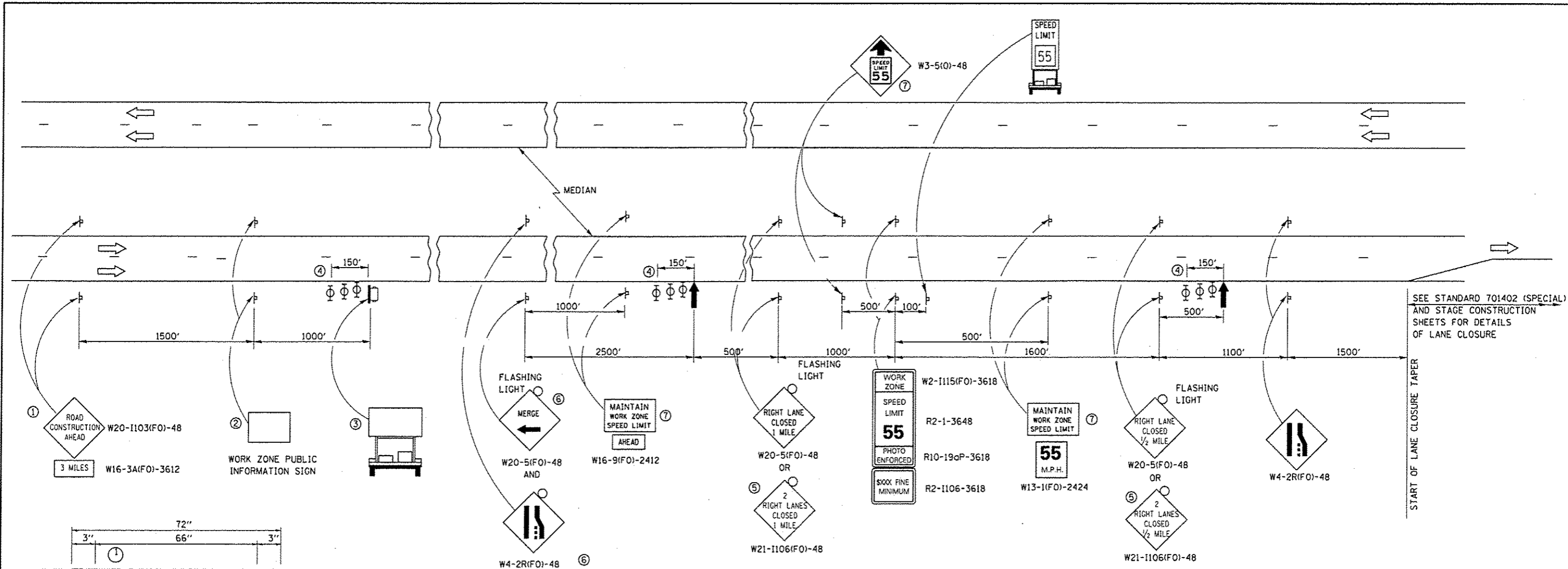
LOCATION BY MILE POST	PASSING LANE	DRIVING LANE	PASSING LANE					DRIVING LANE				
			CLASS B PATCHING TYPE II 17"	DOWEL BARS	PAV'T FABRIC	SAW CUTS	TIE BARS	CLASS B PATCHING TYPE II 17"	DOWEL BARS	PAV'T FABRIC	SAW CUTS	TIE BARS
			SQ YD	EACH	SQ YD	FOOT	EACH	SQ YD	EACH	SQ YD	FOOT	EACH
SOUTHBOUND LANES												
URBAN AREA												
313.90	6		8	20	16	48						
313.79	6	6	8	20	16	48	8	20	16	48		
313.75	6	6	8	20	16	48	8	20	16	48		
313.47	6	6	8	20	16	48	8	20	16	48		
313.43	6	6	8	20	16	48	8	20	16	48		
313.32	6	6	8	20	16	48	8	20	16	48		
313.18	6	6	8	20	16	48	8	20	16	48		
313.15	6	6	8	20	16	48	8	20	16	48		
313.09	6	6	8	20	16	48	8	20	16	48		
313.06	6	6	8	20	16	48	8	20	16	48		
313.05	6	6	8	20	16	48	8	20	16	48		
313.03	6	6	8	20	16	48	8	20	16	48		
313.01	6	6	8	20	16	48	8	20	16	48		
312.84	6	6	8	20	16	48	8	20	16	48		
312.82	6	6	8	20	16	48	8	20	16	48		
312.77	6	6	8	20	16	48	8	20	16	48		
312.74	6	6	8	20	16	48	8	20	16	48		
311.90	6	6	8	21	16	49	8	21	16	48		
311.90	6	6	8	22	16	50	8	22	16	48		
SB TOTALS			152	383	304	915	0	144	363	288	864	0

PAVEMENT MARKING
SCHEDULE

LOCATION MILE POST	MODIFIED URETHANE PAVEMENT MARKING LINE 4"		MODIFIED URETHANE PAVEMENT MARKING LINE 6"
	FEET		FEET
	YELLOW	WHITE	WHITE
NORTHBOUND LANES			
RURAL AREA			
302.40	6		10
302.50	6	6	10
302.58		6	10
302.75		6	10
302.80	6	6	10
303.20		6	10
303.30		6	10
303.40		6	10
303.45		6	10
303.50		6	10
303.52		6	10
303.58		6	10
303.90		6	10
304.00		6	10
304.40		6	10
304.90		6	10
305.00		6	10
RURAL SUBTOTAL	114		170
URBAN AREA			
305.10		6	10
305.14		6	10
305.15		6	10
305.19		6	10
305.20		6	10
305.30		6	10
305.32		6	10
305.35		6	10
305.37		6	10
305.50		6	10
305.70		6	10
306.60	6	6	10
306.90		6	10
313.10		6	10
313.15		6	10
313.90		6	10
314.00		6	10
URBAN SUBTOTAL	108		170
NB TOTALS	222		340

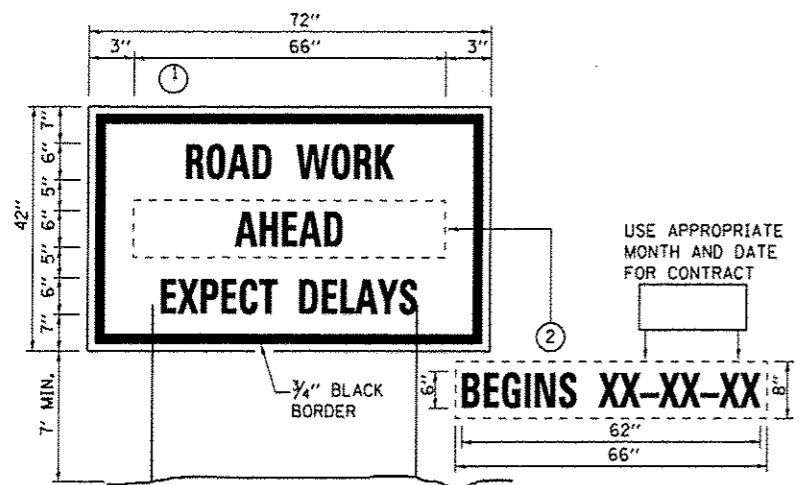
PAVEMENT MARKING
SCHEDULE

LOCATION MILE POST	MODIFIED URETHANE PAVEMENT MARKING LINE 4"		MODIFIED URETHANE PAVEMENT MARKING LINE 6"
	FEET		FEET
	YELLOW	WHITE	WHITE
SOUTHBOUND LANES			
URBAN AREA			
313.90	6		10
313.79	6	6	10
313.75	6	6	10
313.47	6	6	10
313.43	6	6	10
313.32	6	6	10
313.18	6	6	10
313.15	6	6	10
313.09	6	6	10
313.06	6	6	10
313.05	6	6	10
313.03	6	6	10
313.01	6	6	10
312.84	6	6	10
312.82	6	6	10
312.77	6	6	10
312.74	6	6	10
311.90	6	6	10
311.90	6	6	10
URBAN SUBTOTAL	222		190
SB TOTALS	222		190



SEE STANDARD 701402 (SPECIAL) AND STAGE CONSTRUCTION SHEETS FOR DETAILS OF LANE CLOSURE

START OF LANE CLOSURE TAPER

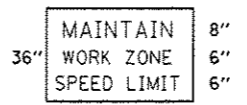


TEMPORARY INFORMATION SIGNING

- NOTES:**
1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
 2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS ON EACH SIDE OF THE ROADWAY 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.

- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 MILES IN ADVANCE OF THE PROJECT LIMITS.
- ② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- ③ TO BE PLACED IN THE MEDIAN WHEN FEASIBLE. THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT. THE PRIMARY MESSAGES SHALL BE:
"RIGHT LANE CLOSED" / " x MILES AHEAD"
"LEFT LANE CLOSED" / " x MILES AHEAD"
"ALL LANES OPEN"
- ④ THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 50' CENTERS.
- ⑤ THIS SIGN SHALL BE USED WHEN 2 LANES ARE CLOSED.
- ⑥ WHEN THE LEFT LANE IS CLOSED, SWITCH THESE TWO SIGNS AND THE DIRECTION OF THE MERGE ARROW.
- ⑦ THIS SIGN SHALL ONLY BE USED IF THE EXISTING SPEED LIMIT IS GREATER THAN 65 MPH.

⑦ 48"x36" FLUORESCENT ORANGE SIGN WITH BLACK LETTERS. 48"



- ↑ ARROW BOARD
- ▢ PORTABLE CHANGEABLE MESSAGE SIGN
- ⊥ SIGN
- ⊕ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT
- ↘ LANE DROP ARROW - SEE STANDARD 780001



SPEED DISPLAY TRAILER

GENERAL NOTE:

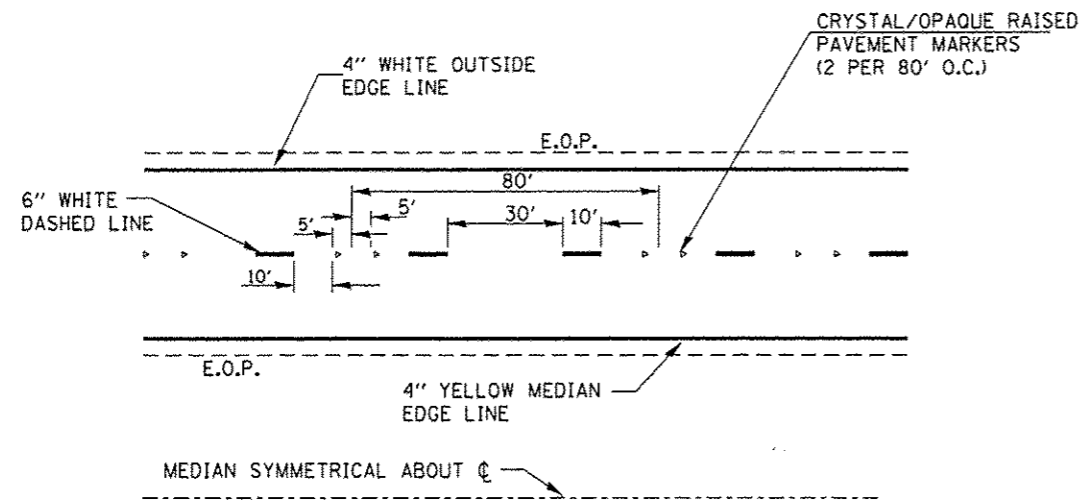
THIS STANDARD IS USED WHERE AT ANY TIME A LANE IS CLOSED ON A FREEWAY/EXPRESSWAY.

WHEN THE LEFT LANE IS CLOSED, LEFT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR THE RIGHT LANE CLOSED SIGNS.

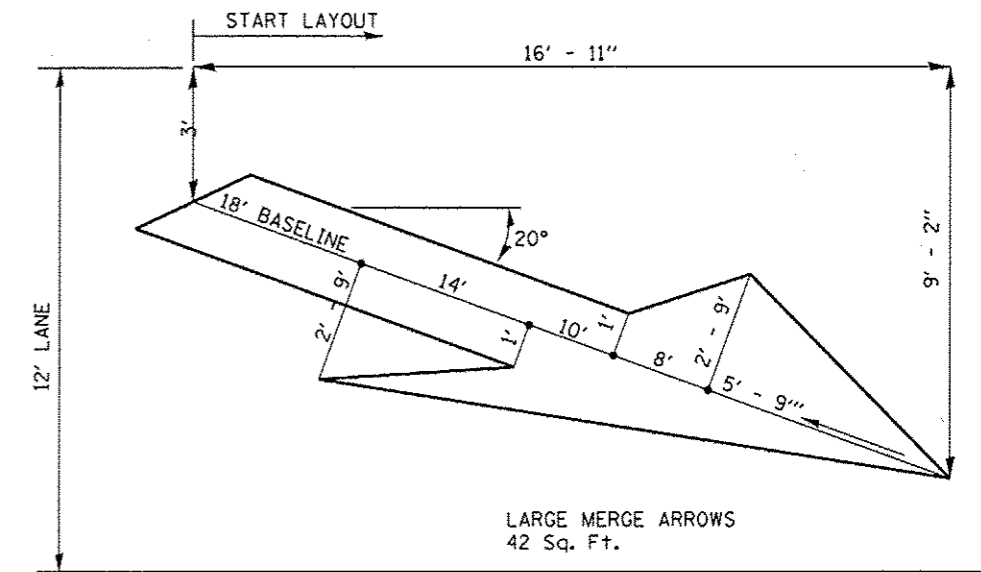
THE FIRST TWO SIGNS AND THE MESSAGE BOARD ARE STATIONARY. THE OTHER SIGNS AND ARROWBOARDS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED DISTANCE FROM THE START OF THE LANE CLOSURE TAPER(S).

SEE SPECIAL PROVISIONS.

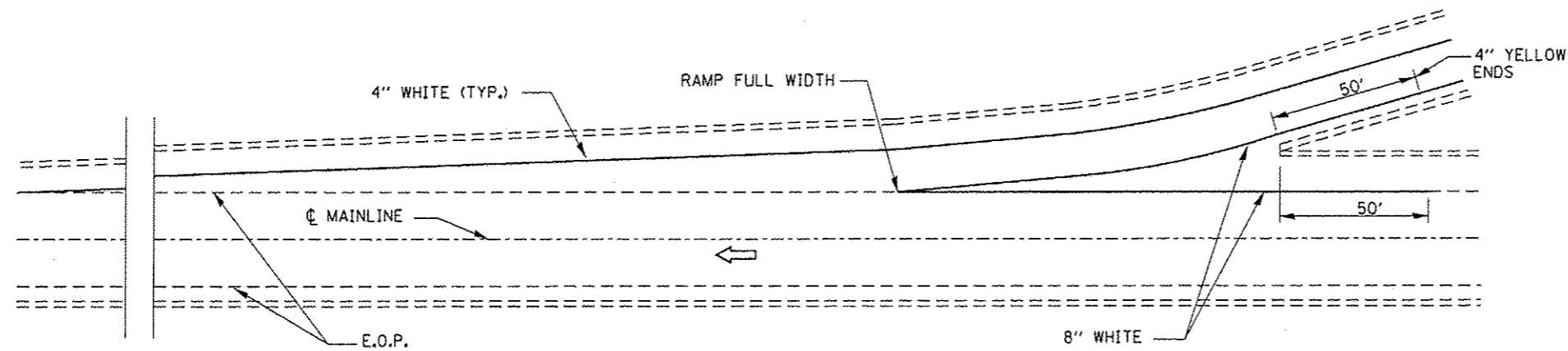
FILE NAME : c:\pwwork\p1dot\woodshankr1\08429637	USER NAME : woodshankr1 366E77-shr-details.dgn PLOT SCALE : 1/8"=1'-0" PLOT DATE : 4/1/2015	DESIGNED - RW DRAWN - RW CHECKED - TP DATE - 3/12/2015	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		TRAFFIC CONTROL AND PROTECTION STANDARD 701400 (SPECIAL)		SCALE: _____	SHEET NO. 1 OF 1 SHEETS	STA. _____ TO STA. _____	F.A.I. RTE. 57	SECTION D3 PATCHING 2016-6	COUNTY KANKAKEE	TOTAL SHEETS 17	SHEET NO. 10	CONTRACT NO. 66E77
---	--	---	--	---	--	---	--	--------------	-------------------------	--------------------------	----------------	----------------------------	-----------------	-----------------	--------------	--------------------



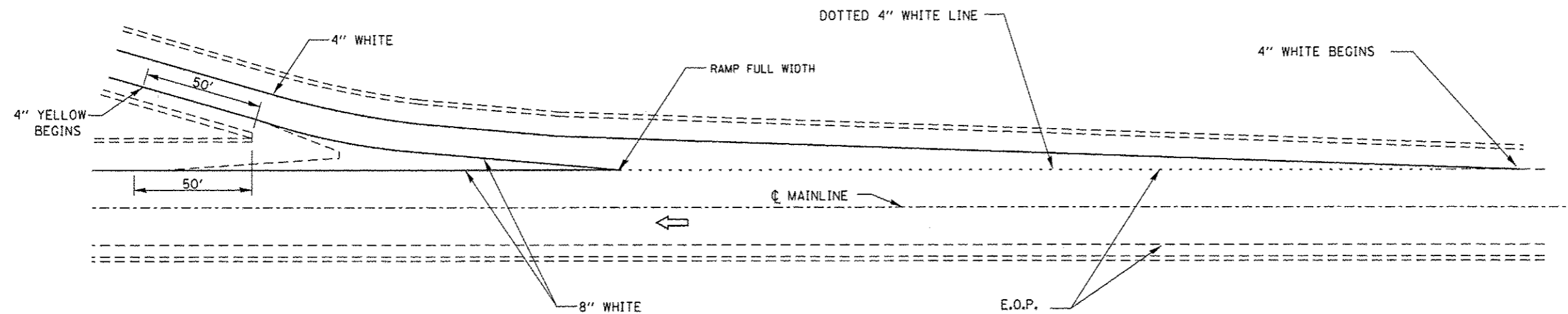
TYPICAL PAVEMENT MARKINGS



LANE DROP ARROW

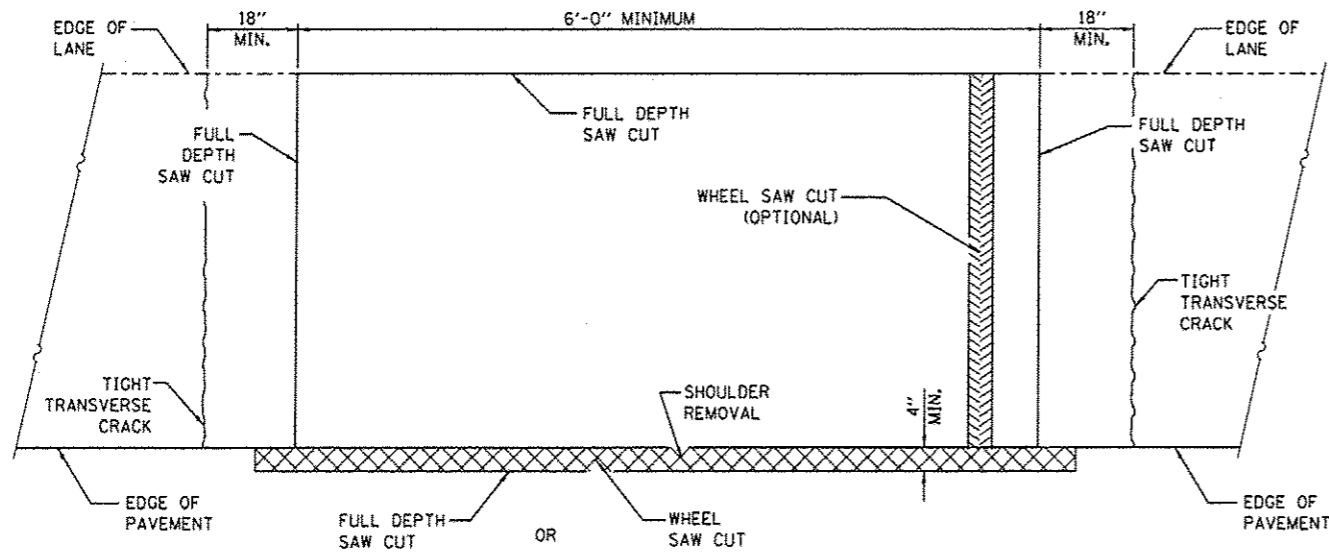


TYPICAL PAVEMENT MARKING FOR ENTRANCE RAMP TERMINALS

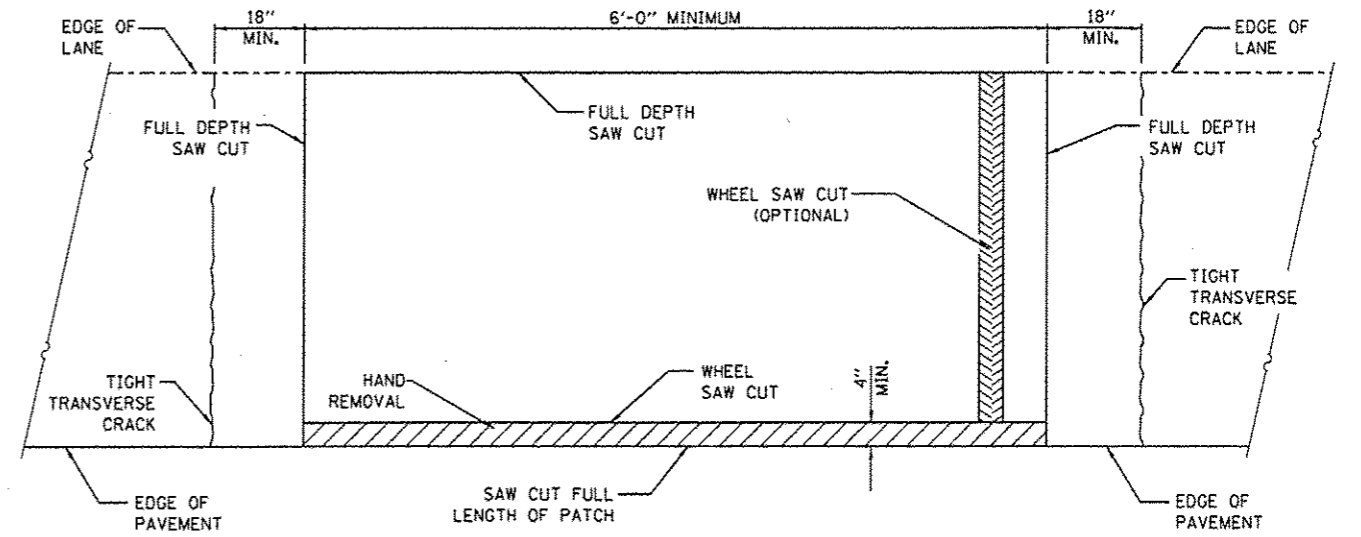


TYPICAL PAVEMENT MARKINGS FOR EXIT RAMP TERMINALS

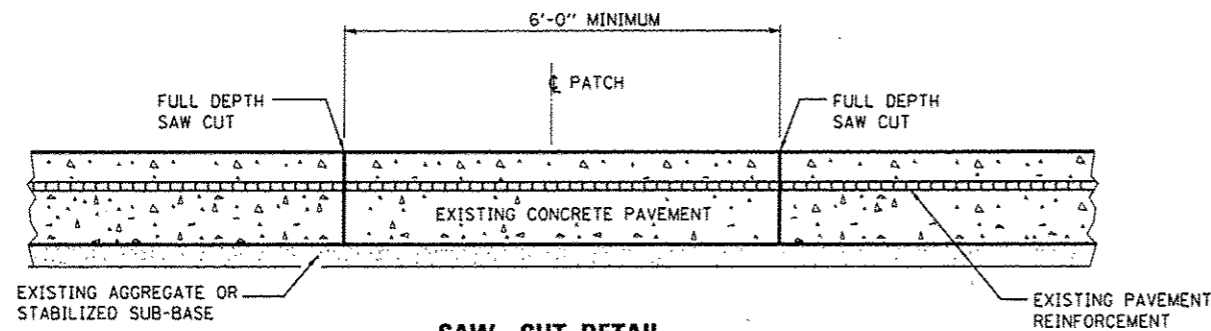
FILE NAME =	USER NAME = woodshenkrl	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pdat\woodshenkrl\d0429637\0366E77-shr-details.dgn	0366E77-shr-details.dgn	DRAWN - RW	REVISED -			57	D3 PATCHING 2016-6	KANKAKEE	17	11	
PLOT SCALE = 100.0000 1/ in.		CHECKED - EP	REVISED -			SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____					
PLOT DATE = 3/31/2015		DATE - 3/12/2015	REVISED -								



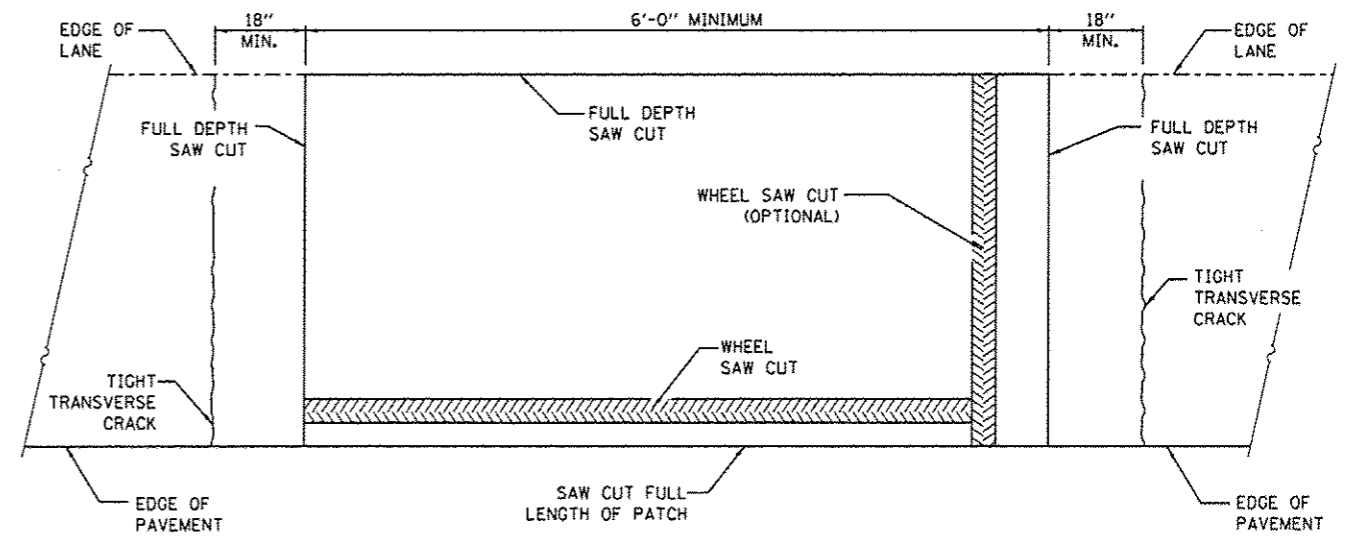
PAVEMENT SLICING DETAIL
(HMA SHOULDER)



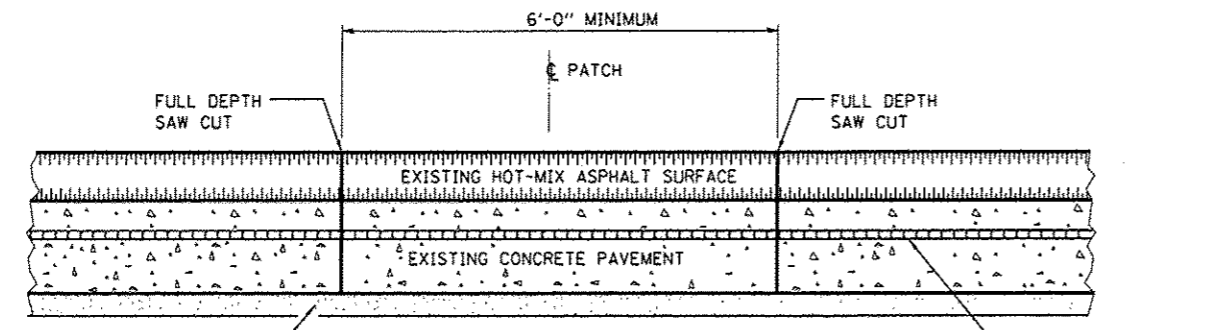
PAVEMENT SLICING DETAIL
(PCC SHOULDER)



SAW CUT DETAIL
WITHOUT HMA SURFACE



ALTERNATE SLICING DETAIL
(PCC SHOULDER)



SAW CUT DETAIL
WITH HMA SURFACE

GENERAL NOTES

WHEN PATCHING TWO ADJACENT LANES IN ONE OPERATION THE LONGITUDINAL JOINT SHALL BE LONGITUDINAL SAWED JOINT AS DETAILED ON STANDARD 420001. HOWEVER, THE GROOVE MAYBE EITHER PREFORMED OR SAWED.

SEE STANDARD 421001 FOR DETAILS OF PAVEMENT REINFORCEMENT.

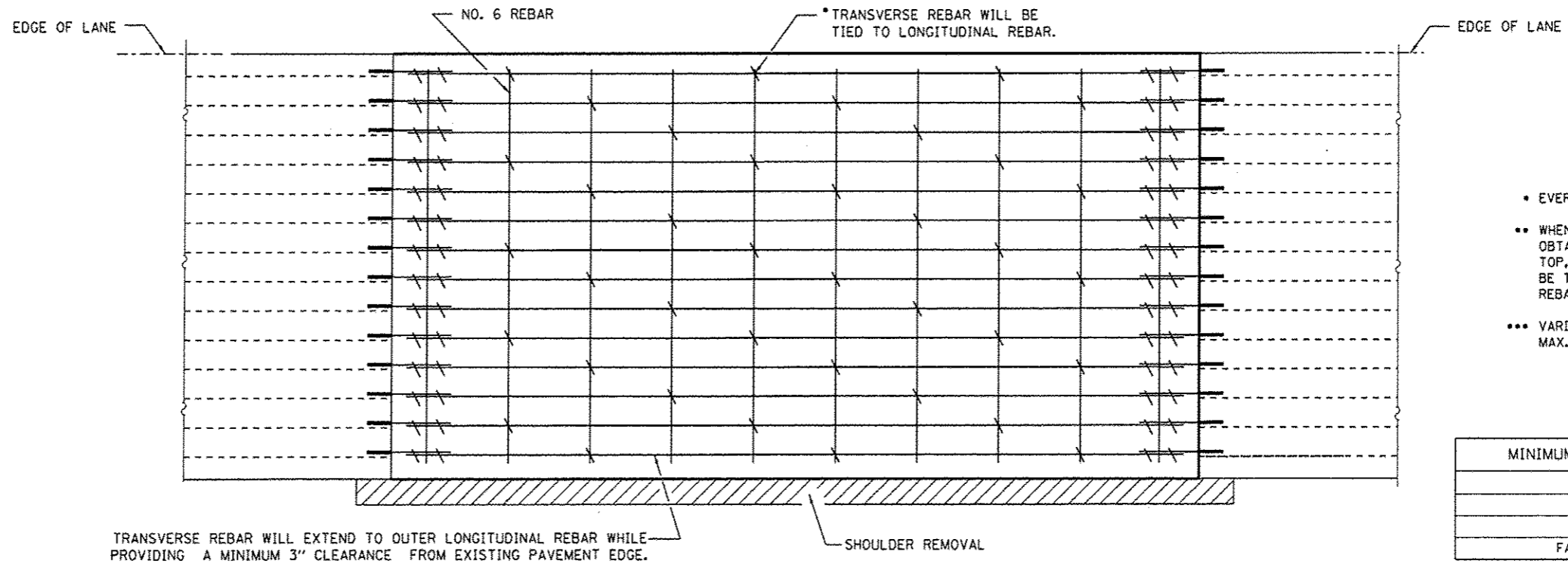
FILE NAME =	USER NAME = woodshankr1	DESIGNED - RW	REVISED -
c:\pwwork\pwwidoc\woodshankr1\d8429637\036677.sht-detailed.dgn	36677.sht-detailed.dgn	DRAWN - RW	REVISED -
	PLOT SCALE = 1/8" = 1'-0"	CHECKED - EP	REVISED -
#MODELNAME#	PLOT DATE = 3/31/2015	DATE - 3/12/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS A PATCHES

SCALE: _____ SHEET 1 OF 3 SHEETS STA. _____ TO STA. _____

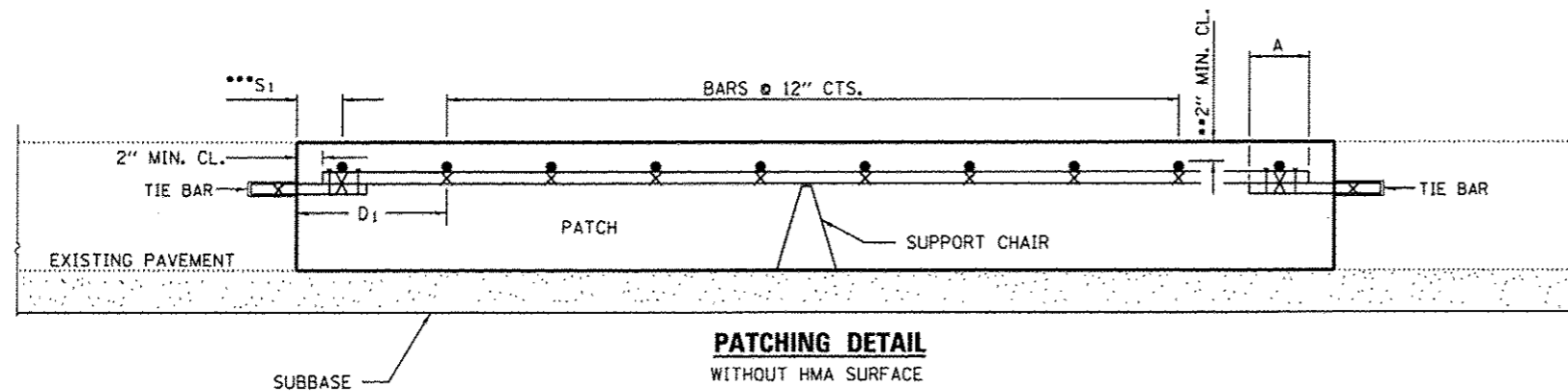
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D3 PATCHING 2016-6	KANKAKEE	17	12
ILLINOIS			CONTRACT NO. 66E77	



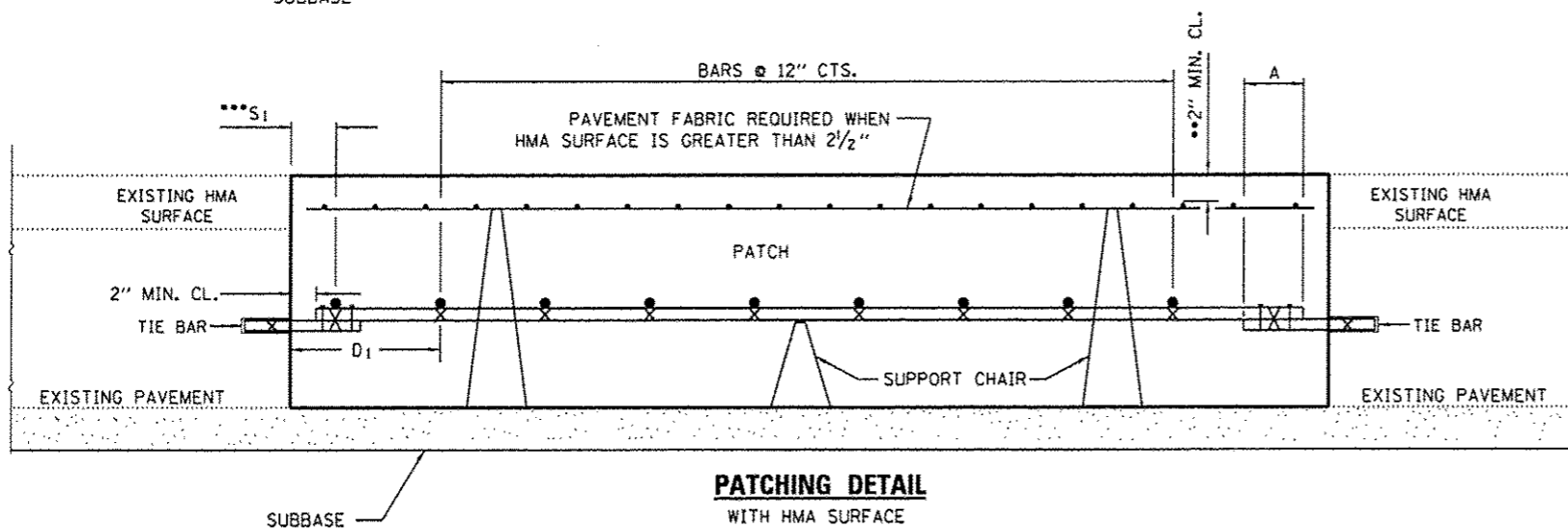
- EVERY 3rd INTERSECTION MUST BE TIED.
- WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP, THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.
- VARIABLES: WHERE S₁ IS 2 1/2" MIN. AND 12" MAX. D₁ = 2(S₁)

MINIMUM BAR LAP	A (MIN.)
#5	18"
#6	21"
#7	24"
FABRIC	18"

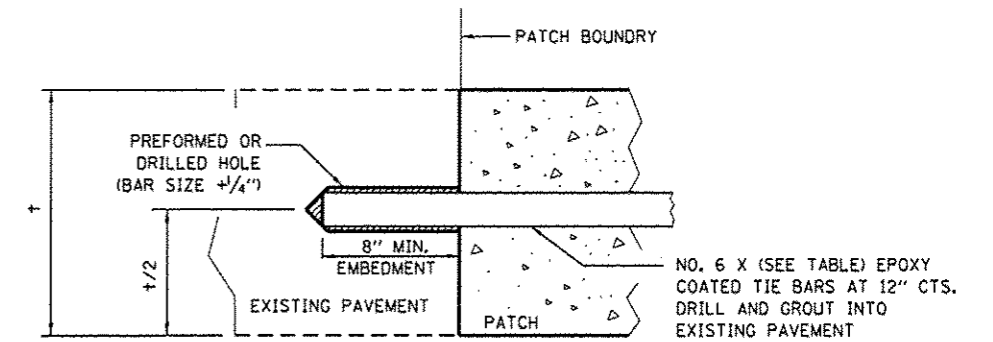
PAVEMENT REINFORCEMENT DETAIL



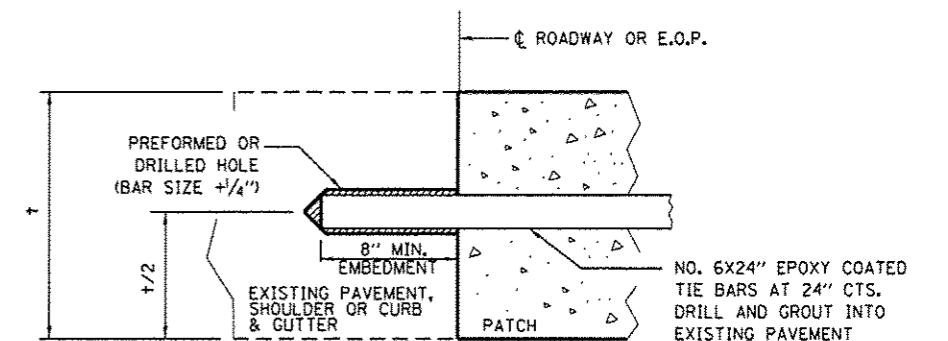
PATCHING DETAIL
WITHOUT HMA SURFACE



PATCHING DETAIL
WITH HMA SURFACE



TRANSVERSE CONSTRUCTION JOINT
(TIE BAR GROUTED IN PLACE)



LONGITUDINAL CONSTRUCTION JOINT
WHEN PATCH IS OVER 20' IN LENGTH
(TIE BAR GROUTED IN PLACE)

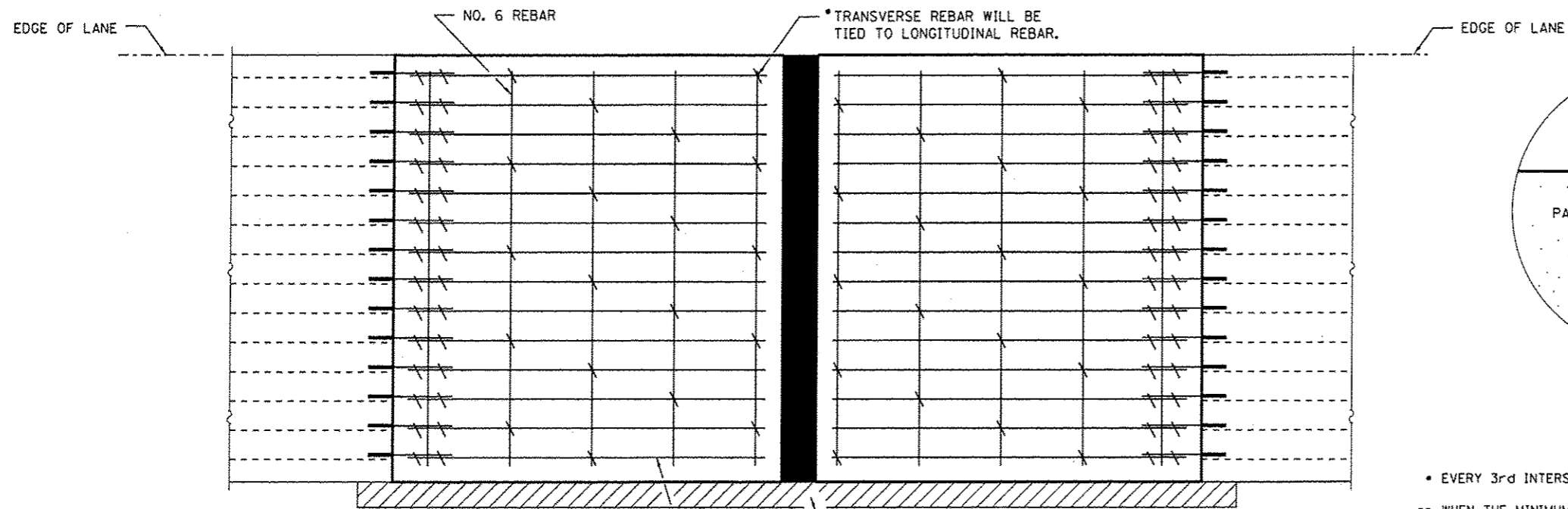
FILE NAME =	USER NAME = woodshenkrl	DESIGNED - RW	REVISED -
o:\p\work\p\idat\woodshenkrl\18429637\036677-shr-deta1.dgn		DRAWN - RW	REVISED -
		CHECKED - EP	REVISED -
		DATE - 3/12/2015	REVISED -
#MODELNAME#	PLOT DATE = 3/31/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS A PATCHES

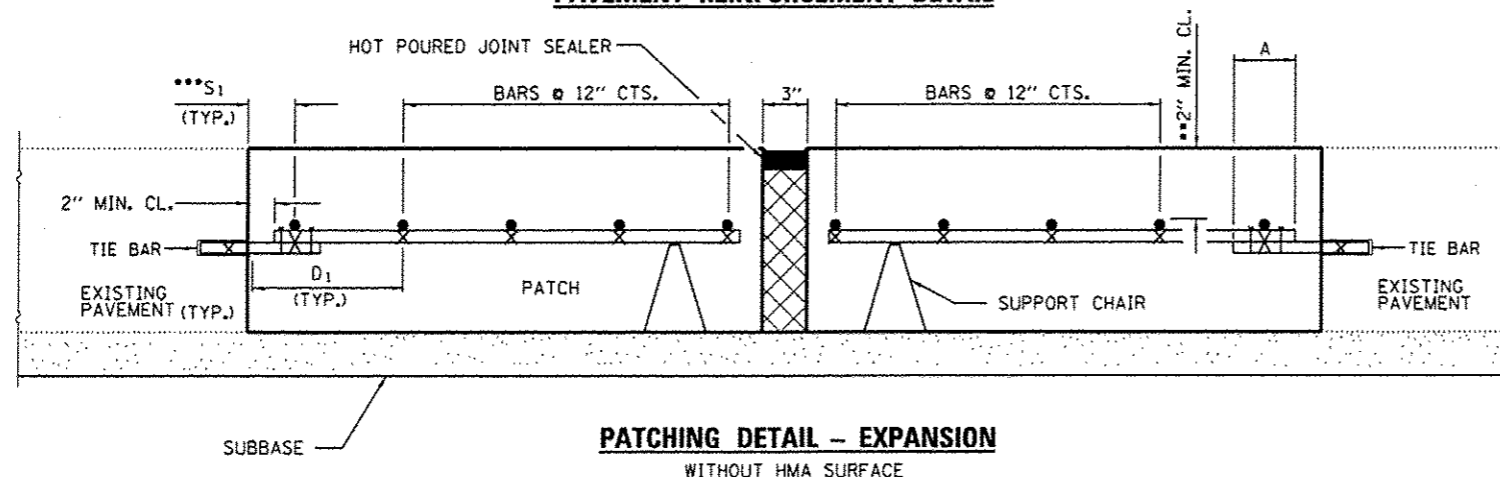
SCALE: _____ SHEET 2 OF 3 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D3 PATCHING 2016-6	KANKAKEE	17	13
			CONTRACT NO. 66E77	
[ILLINOIS]				

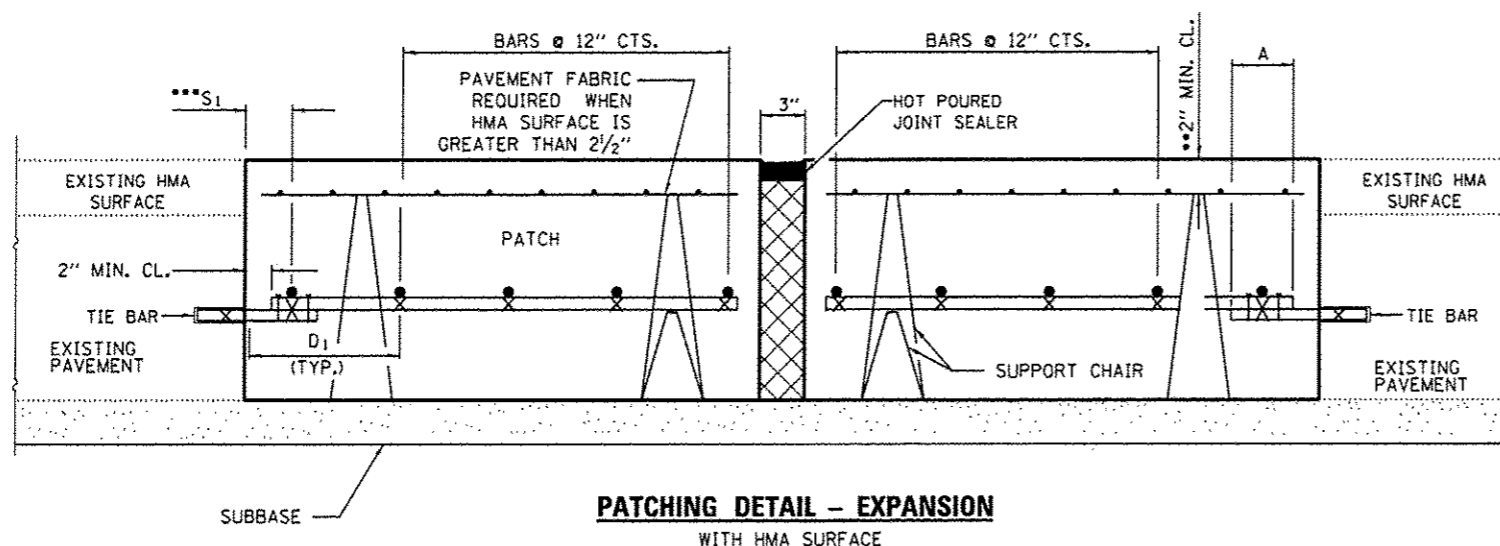


TRANSVERSE REBAR WILL EXTEND TO OUTER LONGITUDINAL REBAR WHILE PROVIDING A MINIMUM 3" CLEARANCE FROM EXISTING PAVEMENT EDGE.

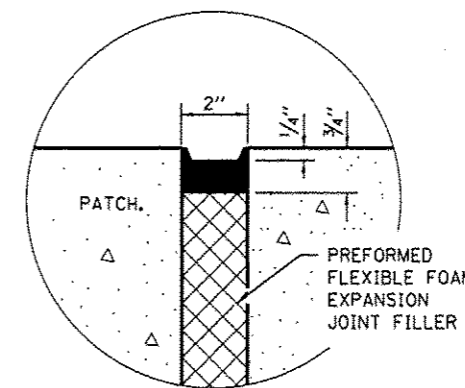
PAVEMENT REINFORCEMENT DETAIL



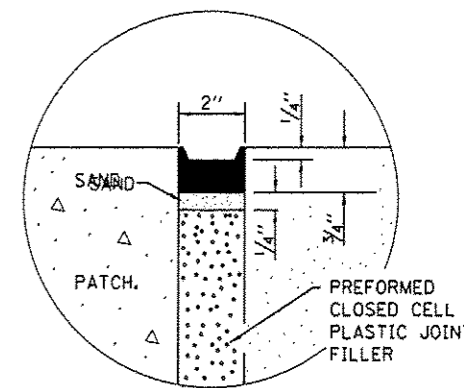
**PATCHING DETAIL - EXPANSION
WITHOUT HMA SURFACE**



**PATCHING DETAIL - EXPANSION
WITH HMA SURFACE**



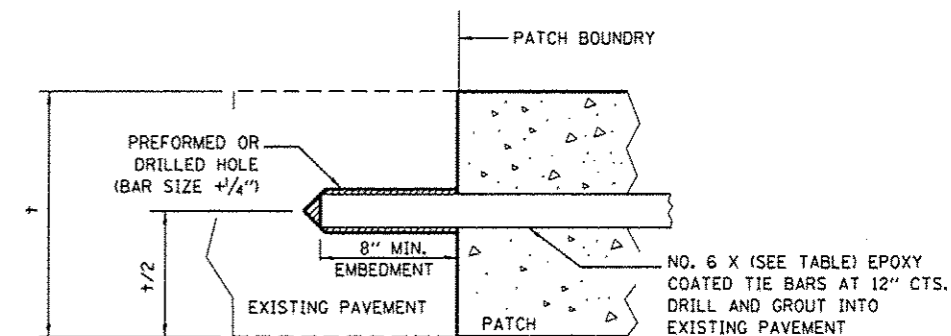
SEALING DETAIL



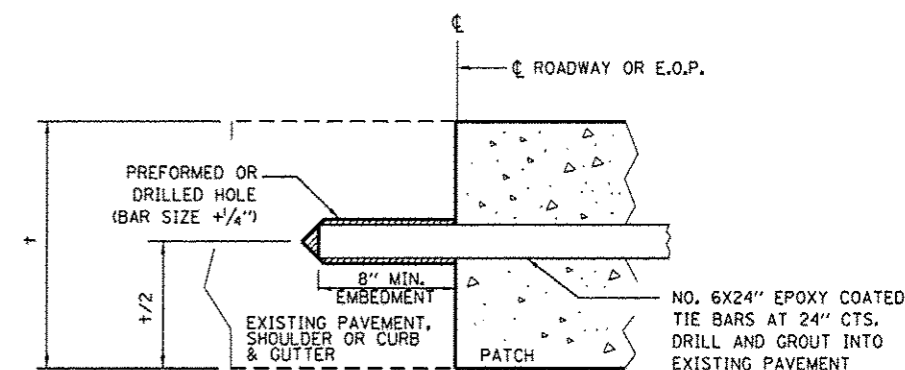
SEALING DETAIL

- EVERY 3rd INTERSECTION MUST BE TIED.
- WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP, THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.
- VARIABLES: WHERE S₁ IS 2 1/2" MIN. AND 12" MAX. D₁ = 2(S₁)

MINIMUM BAR LAP	A (MIN.)
#5	18"
#6	21"
#7	24"
FABRIC	18"



*** TRANSVERSE CONSTRUCTION JOINT
(TIE BAR GROUTED IN PLACE)**



**LONGITUDINAL CONSTRUCTION JOINT
WHEN PATCH IS OVER 20' IN LENGTH
(TIE BAR GROUTED IN PLACE)**

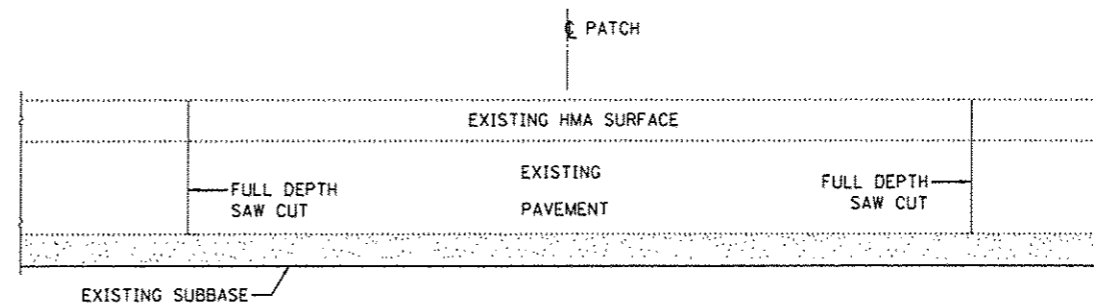
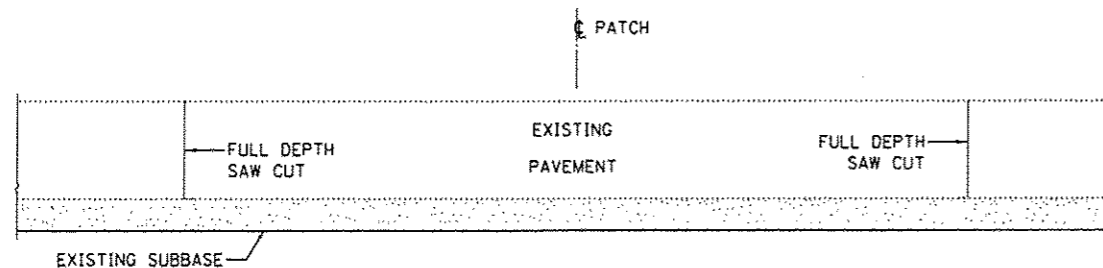
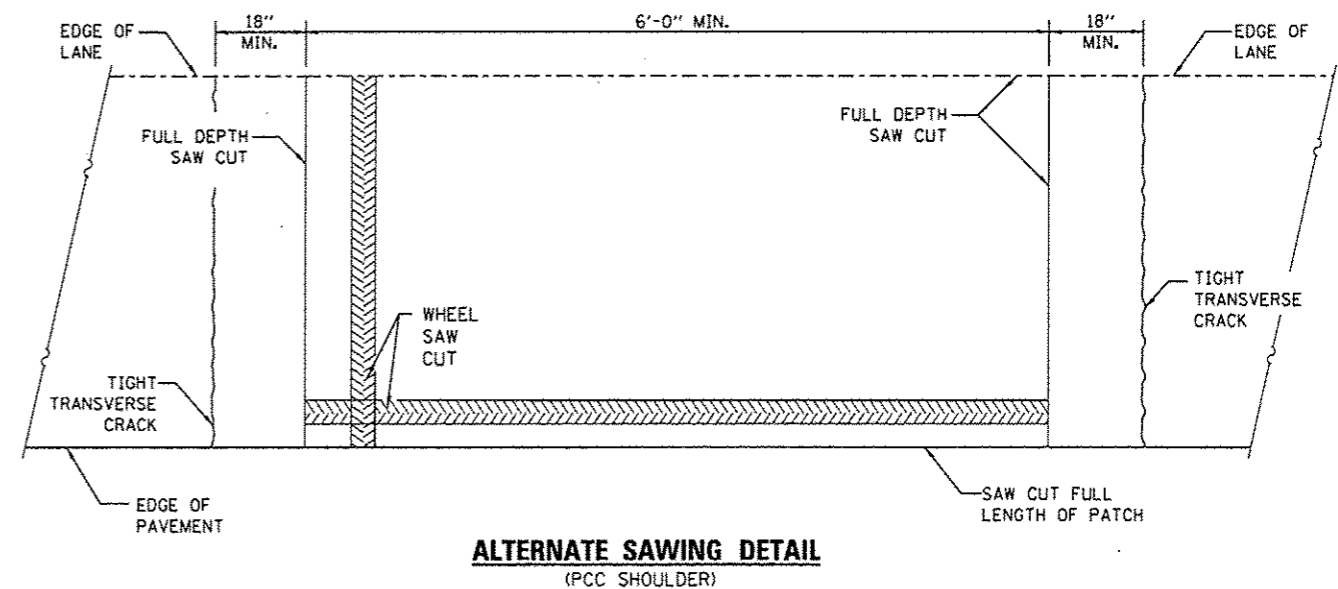
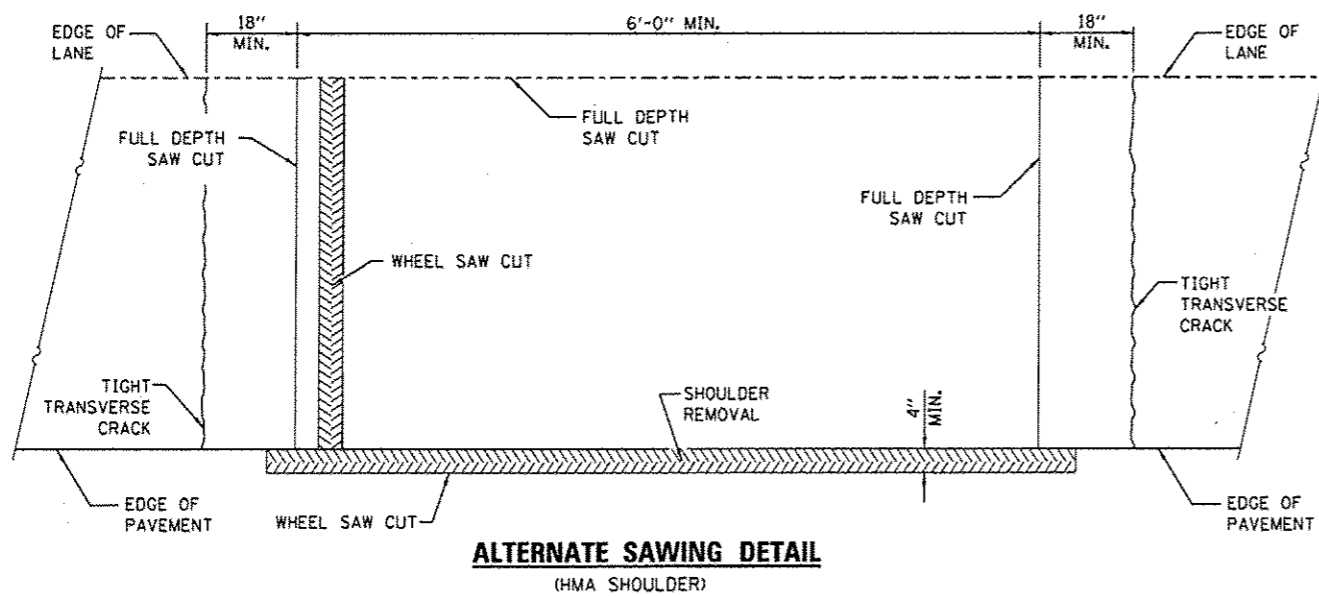
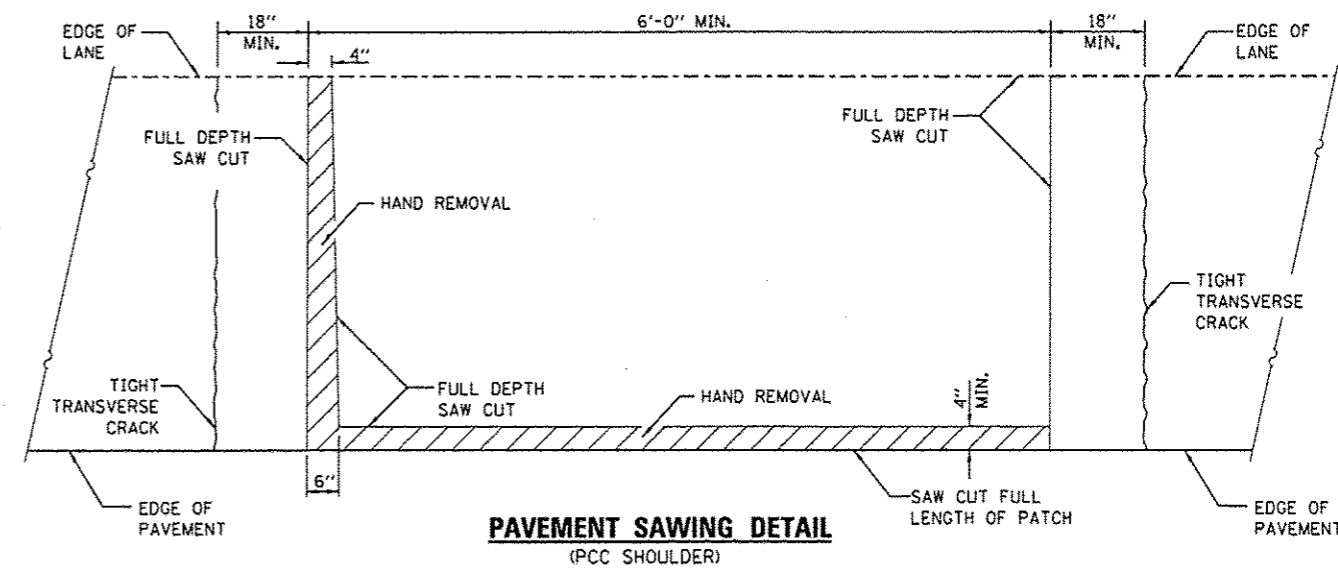
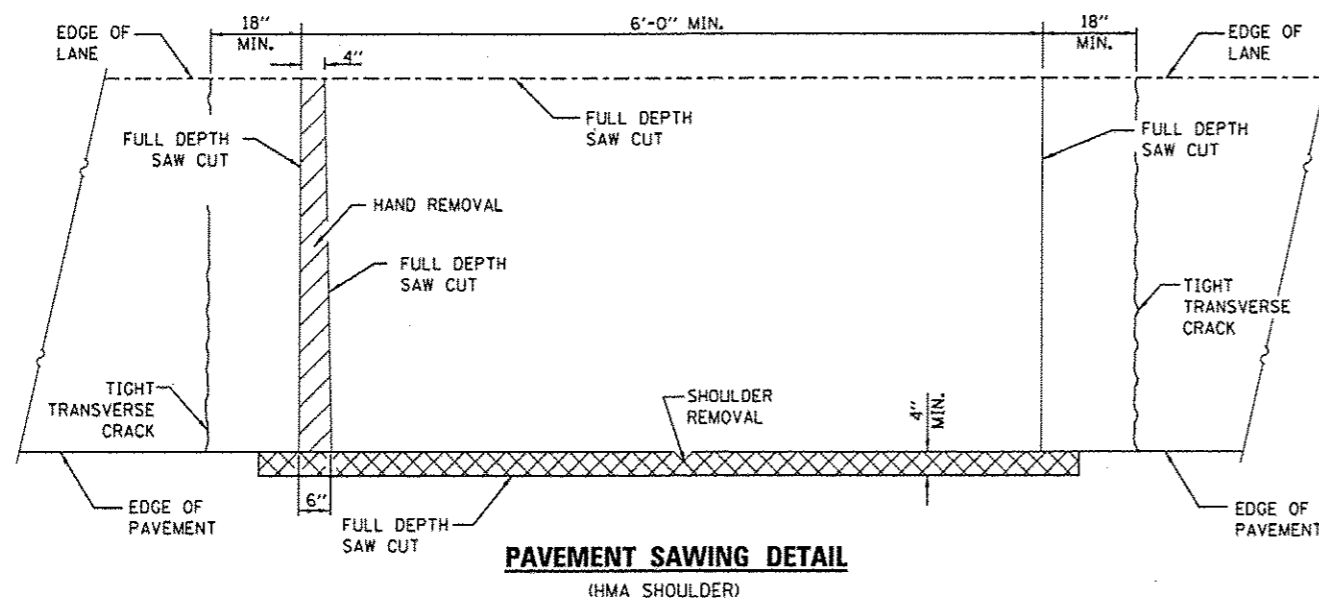
FILE NAME =	USER NAME = woodshankr1	DESIGNED - RW	REVISED -
c:\pwork\pwork\woodshankr1\d0429637\036677-shs-details.dgn		DRAWN - RW	REVISED -
		CHECKED - EP	REVISED -
		DATE - 3/12/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS A PATCHES WITH EXPANSION

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D3 PATCHING 2016-6	KANKAKEE	17	14
ILLINOIS			CONTRACT NO. 66E77	

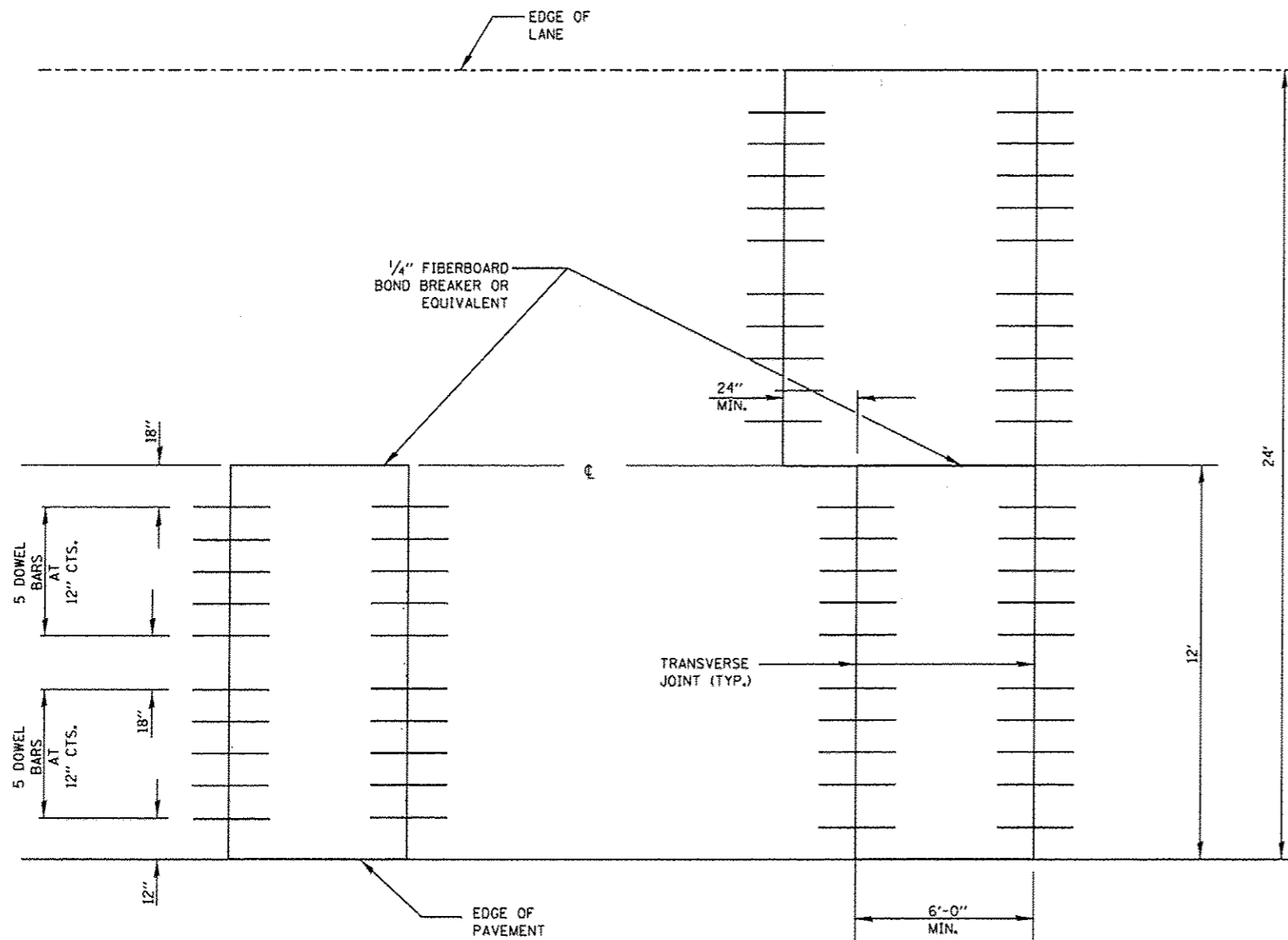


GENERAL NOTES

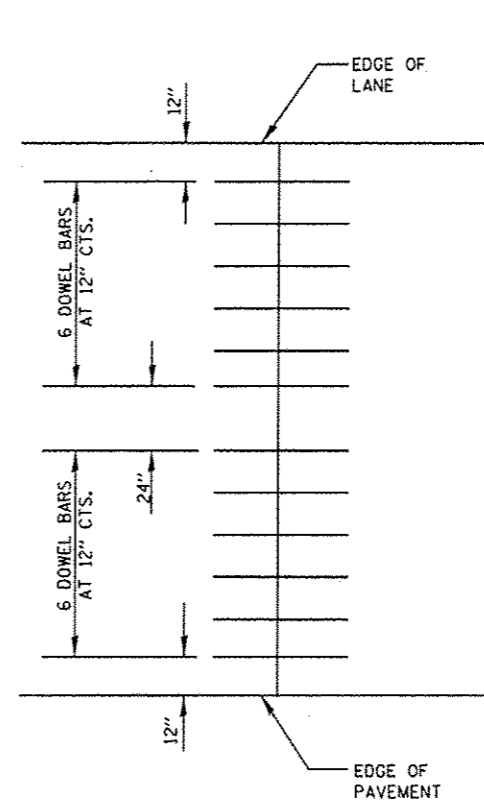
THE TRANSVERSE JOINTS FOR CLASS B PATCHES SHALL ALIGN WITH JOINTS OR CRACKS IN THE ADJACENT LANE WHENEVER POSSIBLE.

SEE STANDARD 420701 FOR DDETAIL OF PAVEMENT FABRIC.

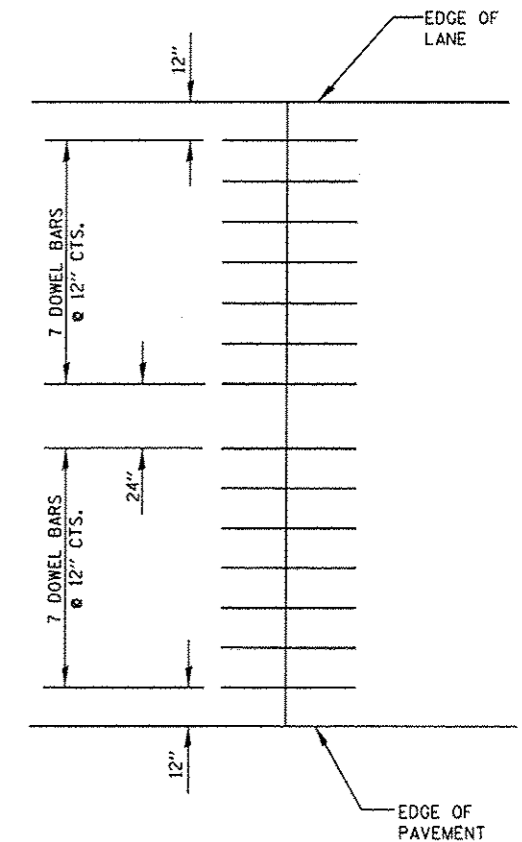
FILE NAME =	USER NAME = woodshenkr1	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CLASS B PATCHES	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\woodshenkr1\0429637	036677-shr-details.dgn	DRAWN - RW	REVISED -			57	D3 PATCHING 2016-6	KANKAKEE	17	15	
	PLOT SCALE = 100.0000' / in.	CHECKED - EP	REVISED -			CONTRACT NO. 66E77					
MODELNAME =	PLOT DATE = 3/31/2015	DATE - 3/12/2015	REVISED -			ILLINOIS					



12' (3.6 m) WIDE LANES



14' WIDE RAMP



16' WIDE RAMP

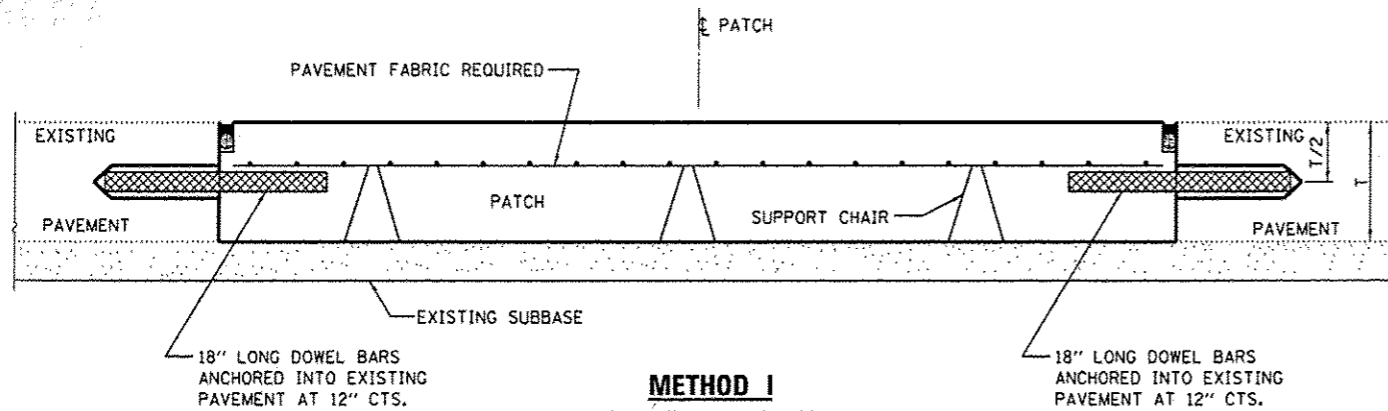
FILE NAME =	USER NAME = woodshenkr1	DESIGNED - RW	REVISED -
c:\pwwork\pwwork\woodshenkr1\d0429637\0366E77.sht-details.dgn	0366E77.sht-details.dgn	DRAWN - RW	REVISED -
	PLOT SCALE = 100.0000' / 1"	CHECKED - EP	REVISED -
#MODELNAME#	PLOT DATE = 3/31/2015	DATE - 3/12/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

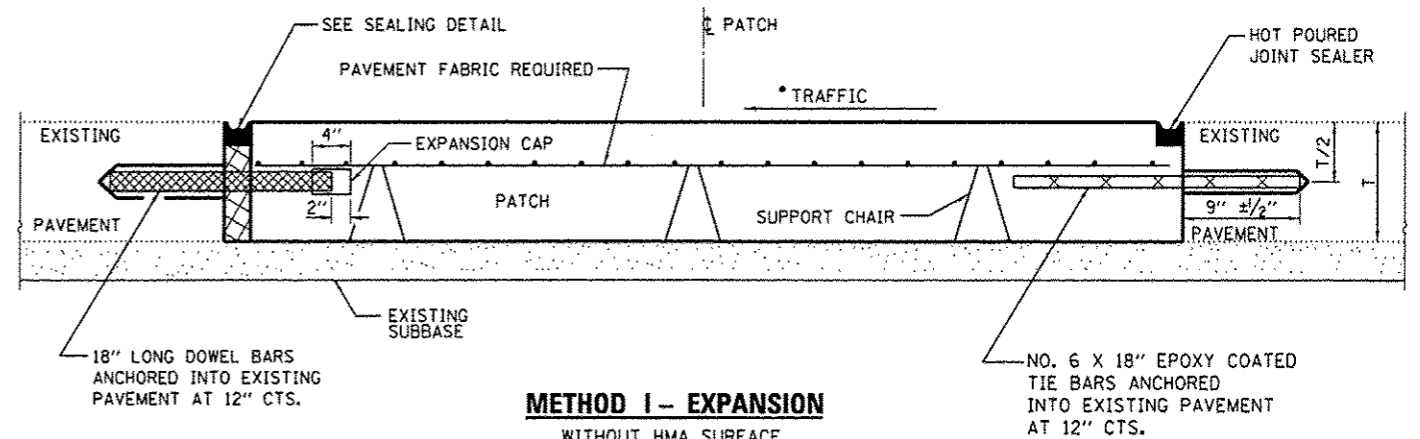
CLASS B PATCHES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D3 PATCHING 2016-6	KANKAKEE	17	16
			CONTRACT NO. 66E77	
ILLINOIS				

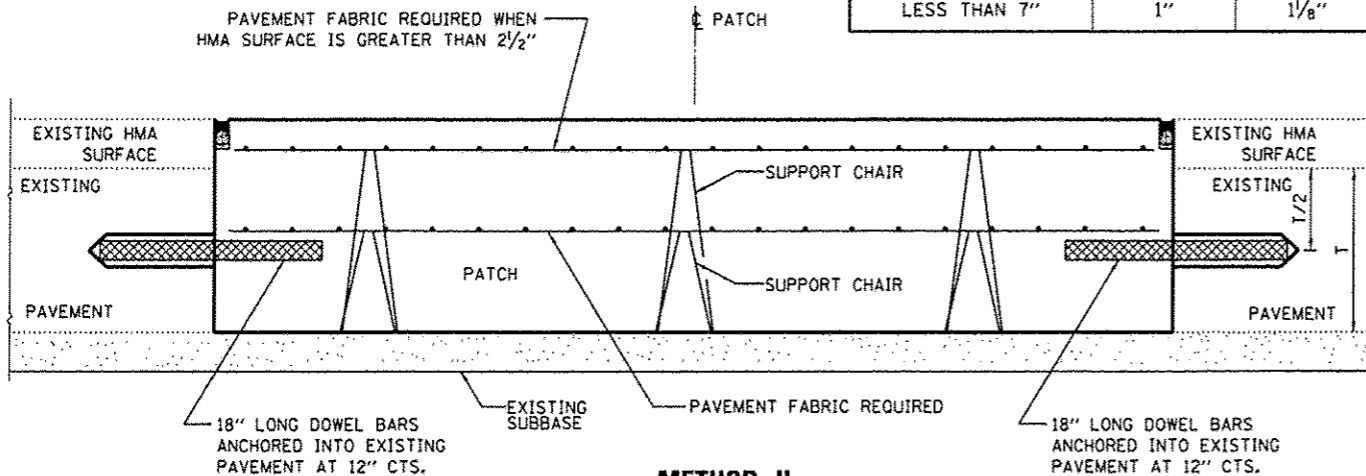


METHOD I
WITHOUT HMA SURFACE

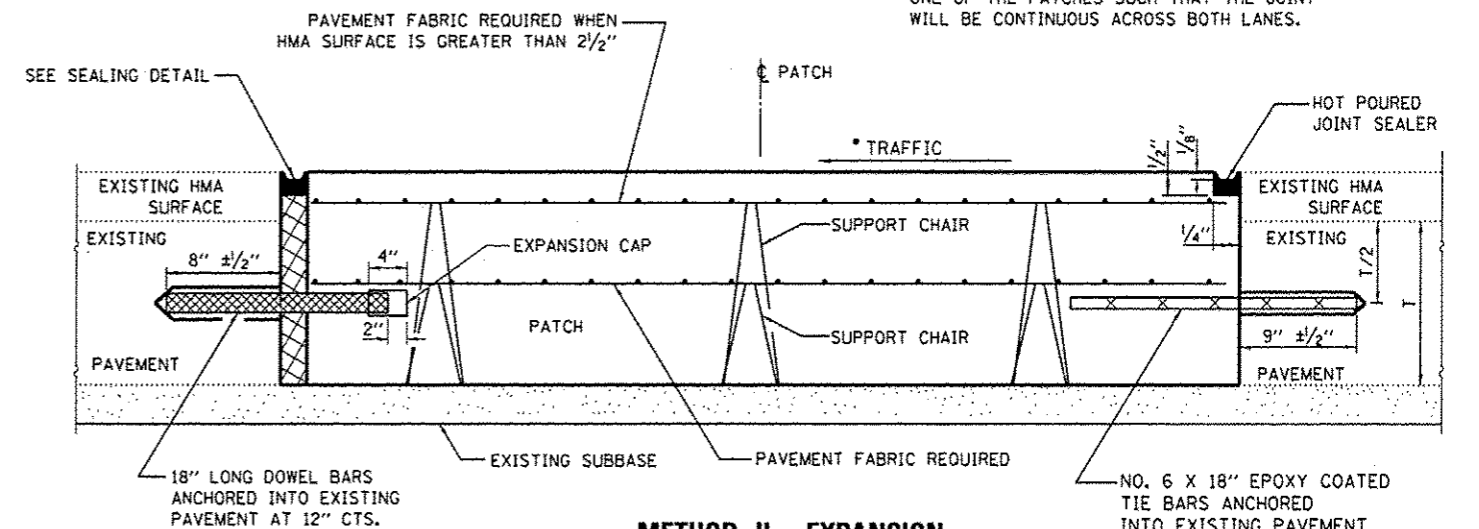


METHOD I - EXPANSION
WITHOUT HMA SURFACE

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"



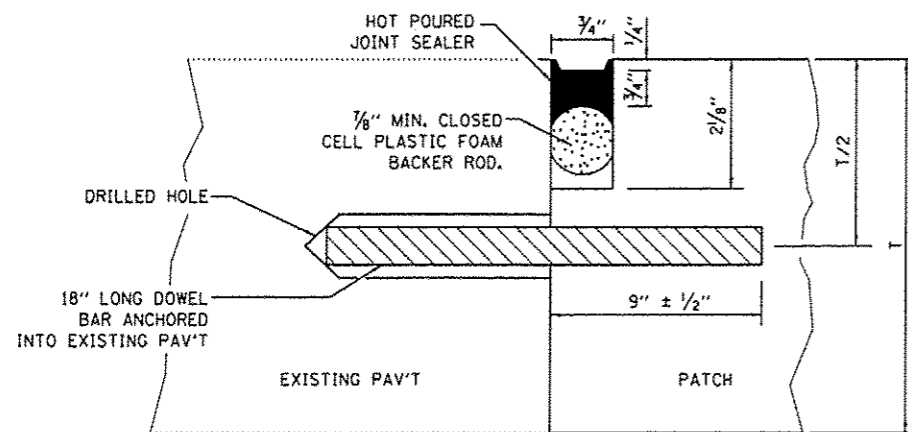
METHOD II
WITH HMA SURFACE



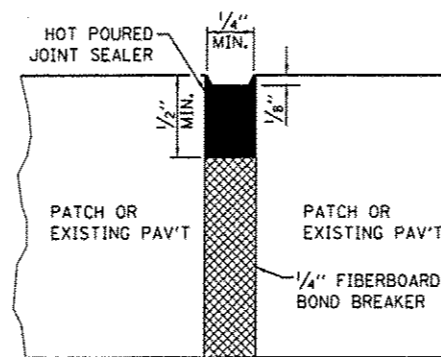
METHOD II - EXPANSION
WITH HMA SURFACE

NOTE

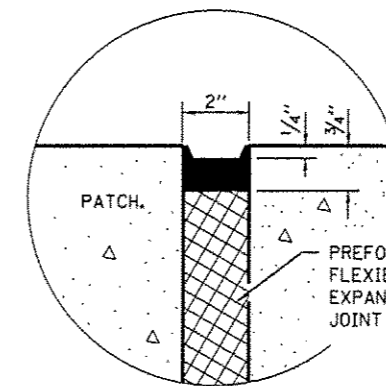
- WHEN RE-ESTABLISHING A TRANSVERSE EXPANSION JOINT ON A TWO-LANE, TWO-WAY ROAD, REVERSE THE ORIENTATION OF THE DOWEL BARS WITH RESPECT TO TRAFFIC FOR ONE OF THE PATCHES SUCH THAT THE JOINT WILL BE CONTINUOUS ACROSS BOTH LANES.



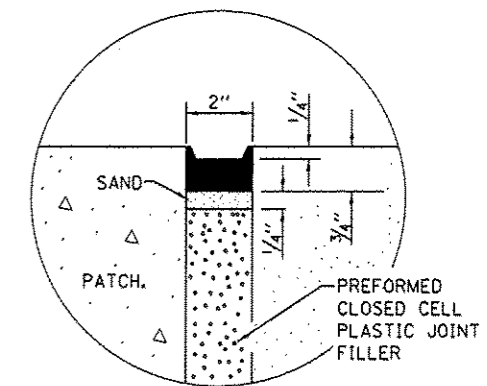
TRANSVERSE JOINT



CENTERLINE JOINT



SEALING DETAIL



SEALING DETAIL

FILE NAME =	USER NAME = woodshenr1	DESIGNED - RW	REVISED -
c:\pwwork\pudot\woodshenr1\00429637\036677-shr-details.dgn		DRAWN - RW	REVISED -
		CHECKED - EP	REVISED -
		DATE - 3/12/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS B PATCHES WITH EXPANSION

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

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D3 PATCHING 2016-6	KANKAKEE	17	17
ILLINOIS			CONTRACT NO. 66E77	