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3. SUMMARY OF QUANTITIES
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5. PATCHING SCHEDULES - FAI 57 NBL
6. PATCHING SCHEDULES - FAI 57 SBL
7. PAVEMENT MARKING SCHEDULES
8. TRAFFIC CONTROL DETAILS
9. CLASS B PATCHING DETAILS
10. PAVEMENT MARKING DETAILS

STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 420001-07 PAVEMENT JOINTS
- 420701-02 PAVEMENT FABRIC
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
- 701401-06 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701411-08 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS Δ 45 MPH
- 701426-04 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS Δ 45 MPH
- 701901-02 TRAFFIC CONTROL DEVICES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

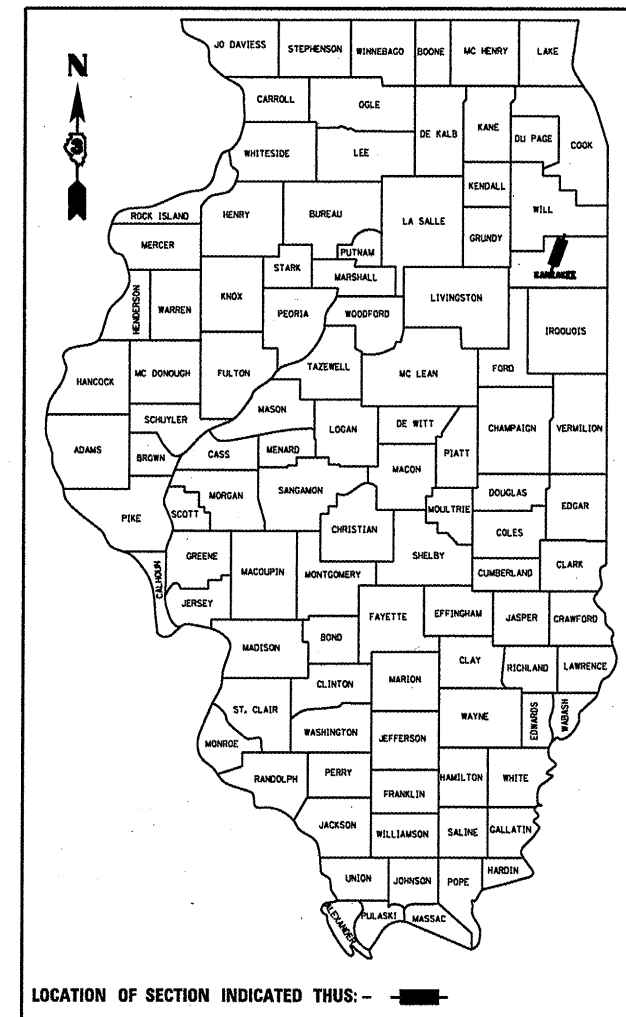
FAI ROUTE 57 (I-57)
SECTION D3 PAVEMENT PATCHING 2013-2

PAVEMENT PATCHING
KANKAKEE COUNTY

C-93-114-12

FAI R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D3 PAVEMENT PATCHING 2013-2	KANKAKEE	10	1
		ILLINOIS	CONTRACT NO. 66C22	

D-93-002-12

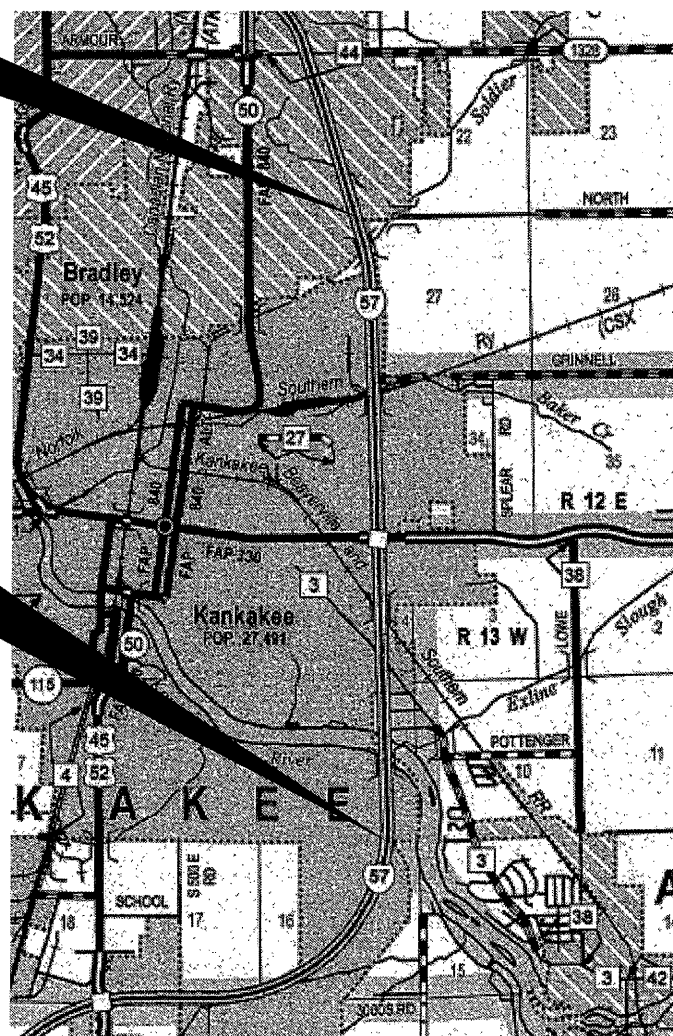


PROJECT ENDS

NORTH STREET
MILE POST 313.86

PROJECT BEGINS

RIVER ROAD
MILE POST 309.93



GROSS LENGTH OF PROJECT = 20,750 FT. = 3.93 MI.

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

DISTRICT NO. 3 (815) 434-6131
PROJECT ENGINEER: JOE KANNEL, P.E.
UNIT CHIEF: RON WOODSHANK
TOWNSHIP: VARIOUS

CONTRACT NO. 66C22

FUNCTIONAL CLASSIFICATION
URBAN - INTERSTATE
F.A.I. ROUTE 57
2011 ADT = 36200
P.V = 75.14% M.U. = 17.26% S.U. = 7.6%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 4/6 2012
Eric S. Therschildsen *per*
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 11 2012
John D. Baucomelli P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

May 11 2012
William R. Frey
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING ROADWAY OR STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND TO 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 ACTUALLY FURNISHED AT THE UNIT BID FOR THE WORK.

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

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF CLASS B PATCHING.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

EXISTING REINFORCEMENT BARS EXTENDING INTO REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

COMMITMENTS

DATE: 4-6-12

PREPARED BY: Don Bronil
DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY: Herbert K. Jumper
DISTRICT CONSTRUCTION ENGINEER

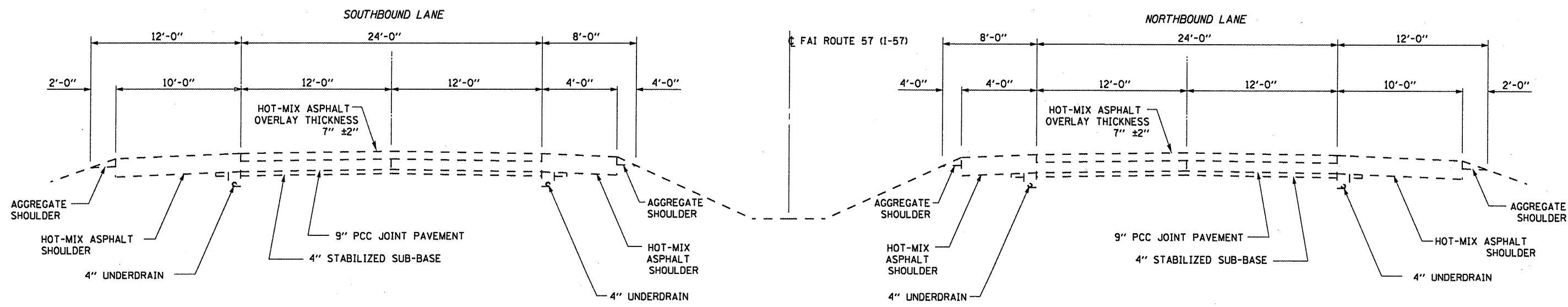
Ray J. Phillips
DISTRICT MATERIALS ENGINEER

Bruce A. Wheeler
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = petelj	DESIGNED - RON WOODSHANK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	FBI	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\petelj\0301886\036622-sht-details.dgn	DRAWN - RON WOODSHANK	REVISED -	57			D3 PAVEMENT PATCHING 2013-2	KANKAKEE	10	2	
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -	CONTRACT NO. 66C22							
PLOT DATE = 4/5/2012	DATE -	REVISED -	ILLINOIS							
				SCALE:	SHEET NO. 1 OF 1 SHEETS					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				STATE FUNDS 100% STATE ROADWAY 0005 URBAN
44201043	CLASS B PATCHES, TYPE II, 16 INCH	SQ YD	1056	1056
44201299	DOWEL BARS 1 1/2"	EACH	2720	2720
44213100	PAVEMENT FABRIC	SQ YD	2112	2112
44213200	SAW CUTS	FOOT	6336	6336
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	20
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	551	551
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	155	155
X0326880	MESSAGE BOARD VEHICLE DRIVER	HOURL	240	240
X0326907	PORTABLE, VEHICLE MOUNTED, CHANGEABLE MESSAGE SIGN	CAL MO	1	1
X7010805	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 (SPECIAL)	L SUM	1	1

* SPECIALITY ITEMS



TYPICAL SECTION
MM 309.80 TO MM 313.89

FILE NAME =	USER NAME = potelyj	DESIGNED - RON WOODSHANK	REVISED -
c:\pwwork\pwwork\potelyj\08381886\0366222-shr-details.dgn		DRAWN - RON WOODSHANK	REVISED -
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
	PLOT DATE = 4/5/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET NO. 1 OF 1 SHEETS

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D3 PAVEMENT PATCHING 2013-2	KANKAKEE	10	4
ILLINOIS			CONTRACT NO. 66C22	

CLASS B PATCHING SCHEDULE - NBL									
LOCATION BY L.M.	PASSING LANE				DRIVING LANE				NOTES
	16" TYPE II	DOWEL BARS	SAW CUTS	PAVE'T FABRIC	16" TYPE II	DOWEL BARS	SAW CUTS	PAVE'T FABRIC	
	SQ YD	EACH	FOOT	SQ YD	SQ YD	EACH	FOOT	SQ YD	
309.93									RIVER ROAD
312.40	8	20	48	16	8	20	48	16	
312.40	8	20	48	16	8	20	48	16	
312.40	8	20	48	16	8	20	48	16	
312.41	8	20	48	16	8	20	48	16	
312.41	8	20	48	16	8	20	48	16	
312.41	8	20	48	16	8	20	48	16	
312.42	8	20	48	16	8	20	48	16	
312.42	8	20	48	16	8	20	48	16	
312.54	8	20	48	16	8	20	48	16	
312.60	8	20	48	16	8	20	48	16	
312.61	8	20	48	16	8	20	48	16	
312.65	8	20	48	16	8	20	48	16	
312.65					8	20	48	16	
312.90					8	20	48	16	
312.90					8	20	48	16	
313.10					8	20	48	16	
313.86									NORTH STREET
TOTALS	96	240	576	192	128	320	768	256	

PAVEMENT MARKING SCHEDULE - NBL			
LOCATION	MODIFIED URETHANE PAVEMENT MARKING LINE 4"		MODIFIED URETHANE PAVEMENT MARKING LINE 6"
	FEET		FEET
MILE POST	YELLOW	WHITE	WHITE
312.40	6	6	2
312.40	6	6	2
312.40	6	6	2
312.41	6	6	2
312.41	6	6	2
312.41	6	6	2
312.42	6	6	2
312.42	6	6	2
312.54	6	6	2
312.60	6	6	2
312.61	6	6	2
312.65	6	6	2
312.65		6	2
312.90		6	2
312.90		6	2
313.10		6	2
SUBTOTAL	72	96	
TOTAL		168	32

PAVEMENT MARKING SCHEDULE - NBL			
LOCATION	URETHANE PAVEMENT MARKING LINE 4"		URETHANE PAVEMENT MARKING LINE 6"
	FEET		FEET
MILE POST	YELLOW	WHITE	WHITE
312.25	6	6	2
312.24	6	6	2
312.20	6	6	2
312.20	6	6	2
312.18	6	6	2
312.18	6	6	2
312.08	6	6	2
312.05	6	6	2
312.02	6	6	2
311.90	6	6	2
311.85	6	6	2
311.86	6	6	2
311.70	6	6	2
311.65	6	6	2
311.62	6	6	2
311.60	6	6	2
311.59	6	6	2
311.55	6	6	2
311.54	6	6	2
311.53	6	6	2
311.50	6	6	2
311.49	6	6	2
311.48	6	6	2
311.46	6	6	2
311.45	6	6	2
311.44	6	6	2
311.42	6	6	2
311.41	6	6	2
311.40	6	6	2
311.39	6	6	2
311.38	6	6	2
311.37	6	6	2
311.36	6	6	2
311.35	6	6	2
311.33	6	6	2
311.32	6	6	2
311.31	6	6	2
311.30	6	6	2
311.29	6	6	2
311.27	6	6	2
311.26	6	6	2
311.25	6	6	2
311.24	6	6	2
311.23	6	6	2
311.21	6	6	2
311.05	6	6	2
311.02	6	6	2
310.10	6	6	2
310.08	6	6	2
310.05	6	6	2
310.03	6	6	2
310.02	6	6	2
SUBTOTAL	312	312	
TOTAL		624	104

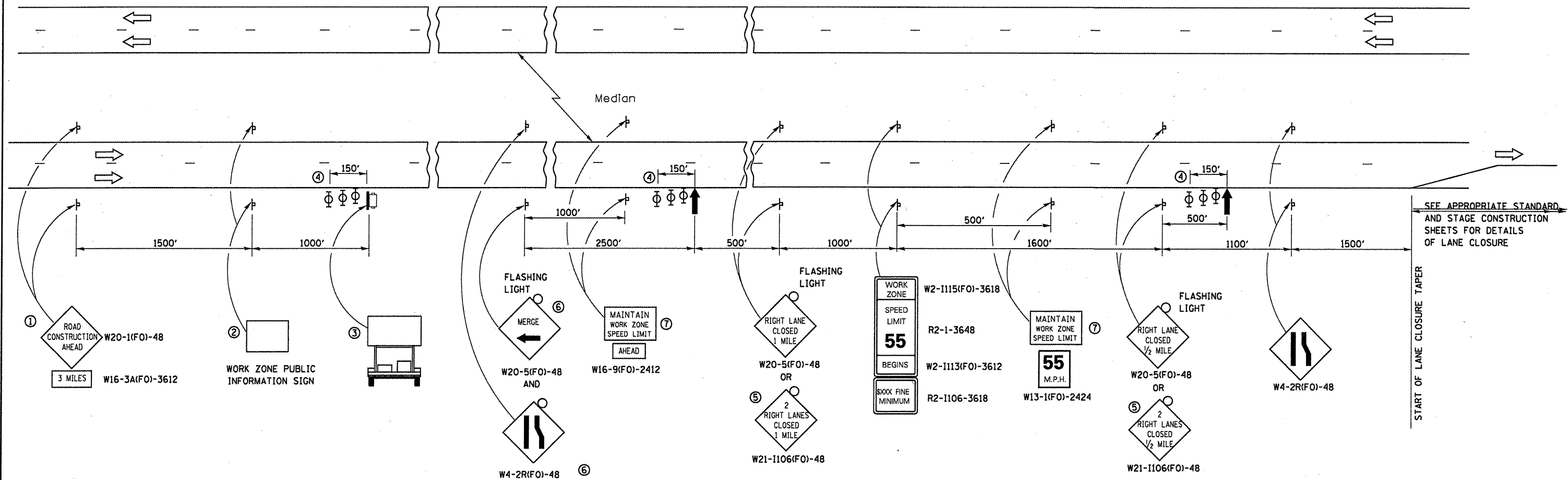
FILE NAME =	USER NAME = petelyj	DESIGNED - RON WOODSHANK	REVISED -
er:\pwork\pwidot\petelyj\0301886\036622-sht-details.dgn		DRAWN - RON WOODSHANK	REVISED -
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 4/5/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NBL PAVEMENT MARKINGS

SCALE: SHEET NO. 1 OF 4 SHEETS

FBI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D3 PAVEMENT PATCHING 2013-2	KANKAKEE	10	7
CONTRACT NO. 66C22			ILLINOIS	

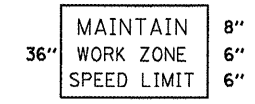


SEE APPROPRIATE STANDARD AND STAGE CONSTRUCTION SHEETS FOR DETAILS OF LANE CLOSURE

START OF LANE CLOSURE TAPER

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



- ↑ ARROW BOARD
- ☐ PORTABLE CHANGEABLE MESSAGE SIGN
- ⊥ SIGN
- ⊕ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT

GENERAL NOTE:

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

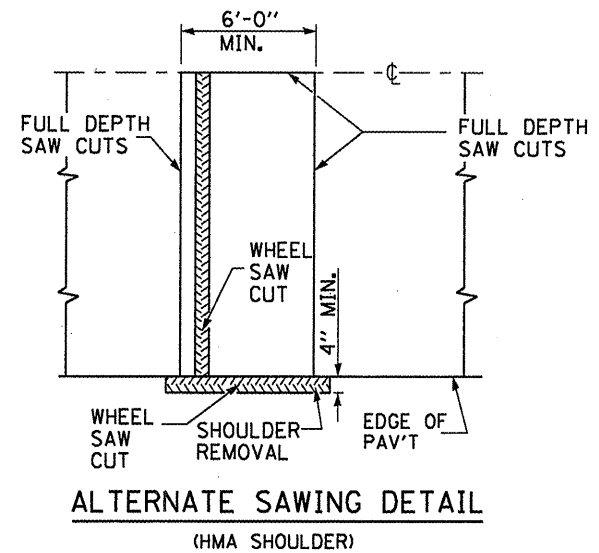
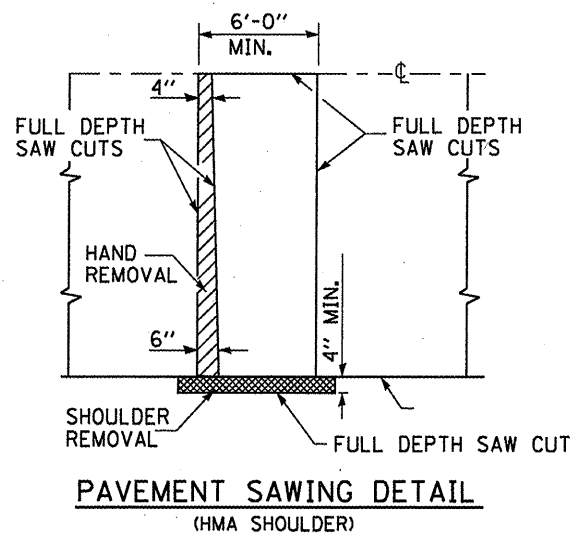
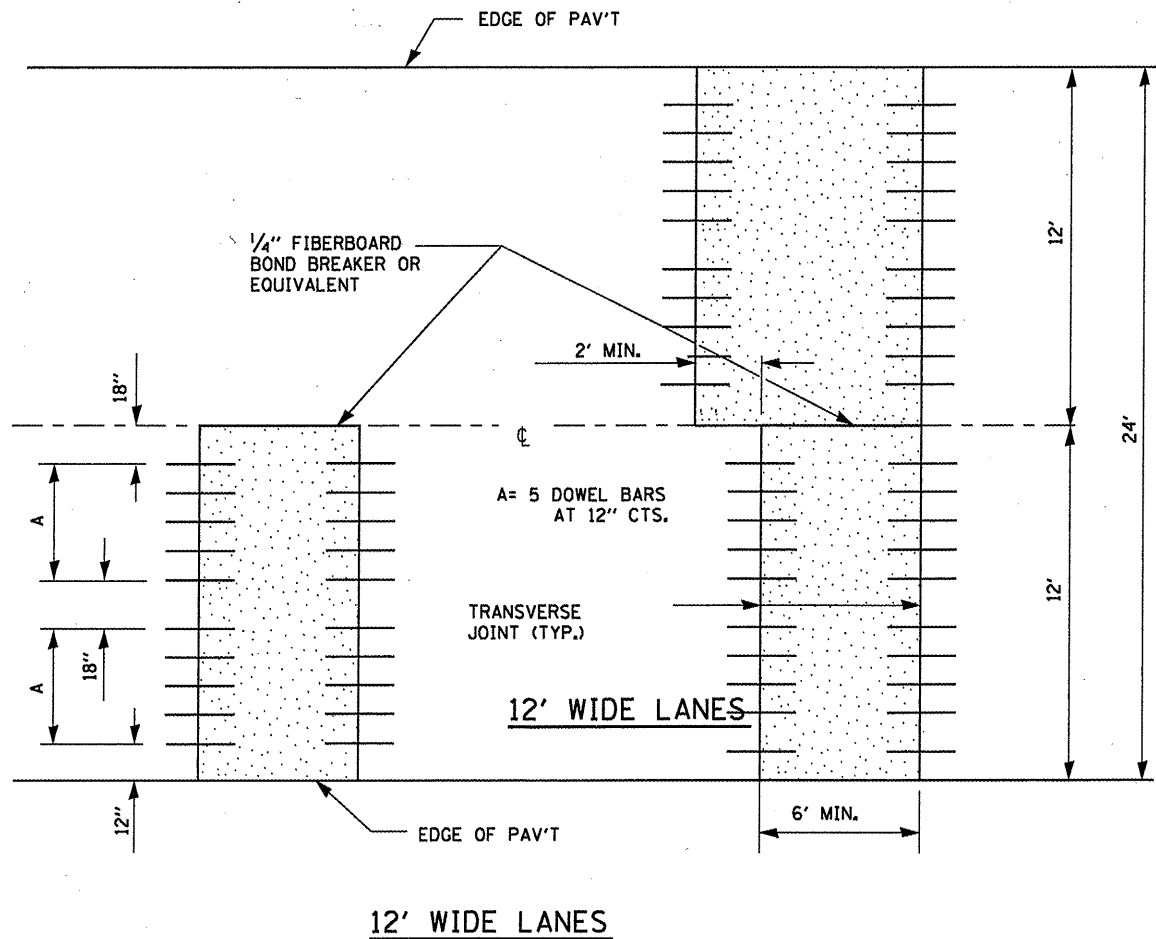
WHEN THE LEFT LANE IS CLOSED, LEFT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR THE RIGHT LANE CLOSED SIGNS.

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).

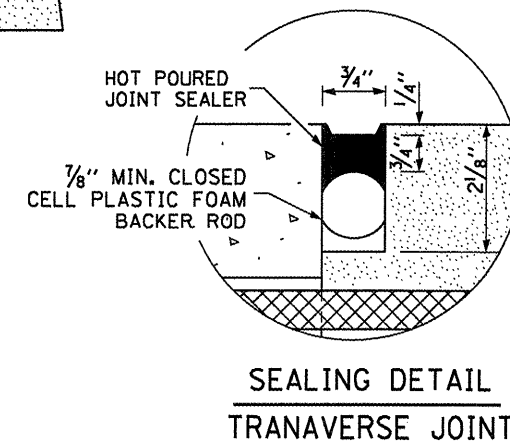
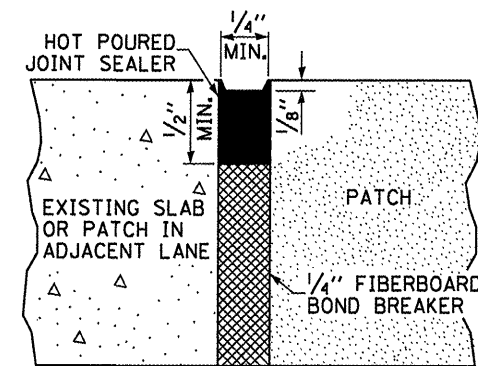
SEE SPECIAL PROVISIONS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = petelyj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION STANDARD 701400 (SPECIAL) DETAILS	FBI	SECTION	COUNTY	TOTAL	SHEET
cr\pv-work\pvidot\petelyj\id0301886\036622-sht-details.dgn	DRAWN -	REVISED -	57			D3 PAVEMENT PATCHING 2013-2	KANKAKEE	10	8	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 66C22							
PLOT DATE = 4/5/2012	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							



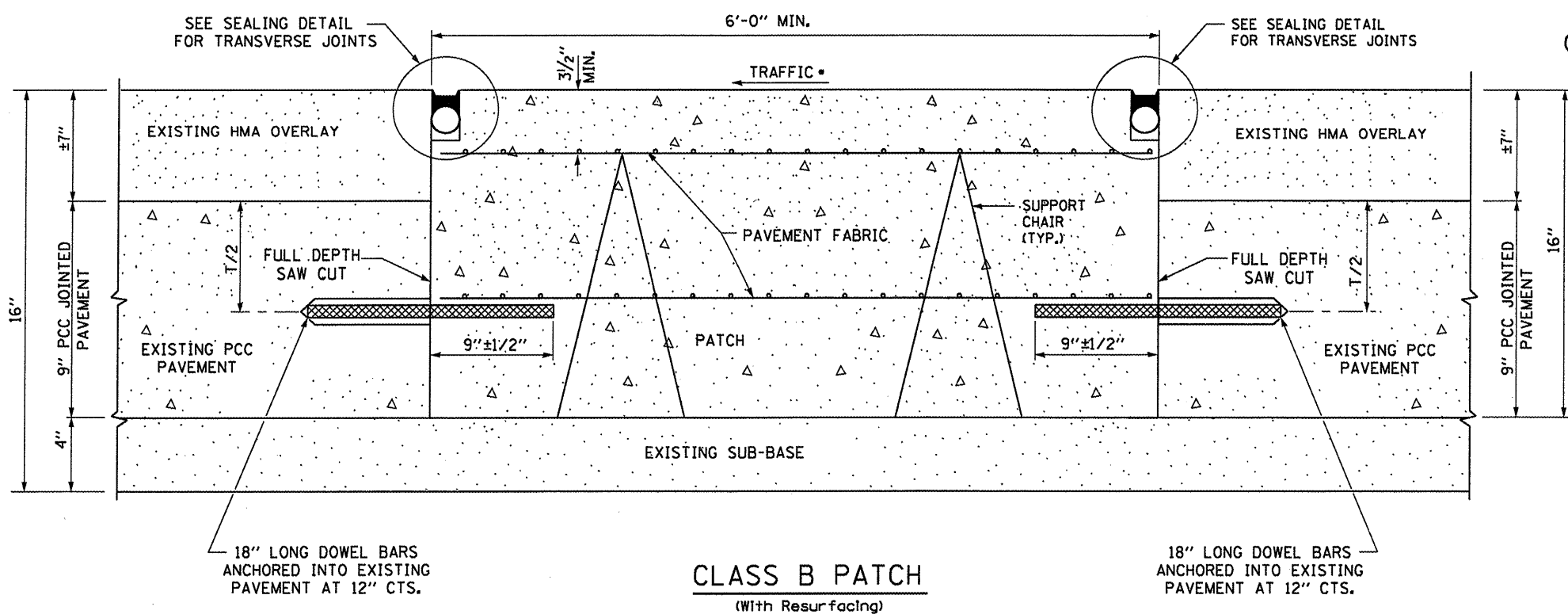
DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
8" OR GREATER	1 1/2"	1 5/8"
7" THRU 7.99"	1 1/4"	1 3/8"
LESS THAN 7"	1"	1 1/8"

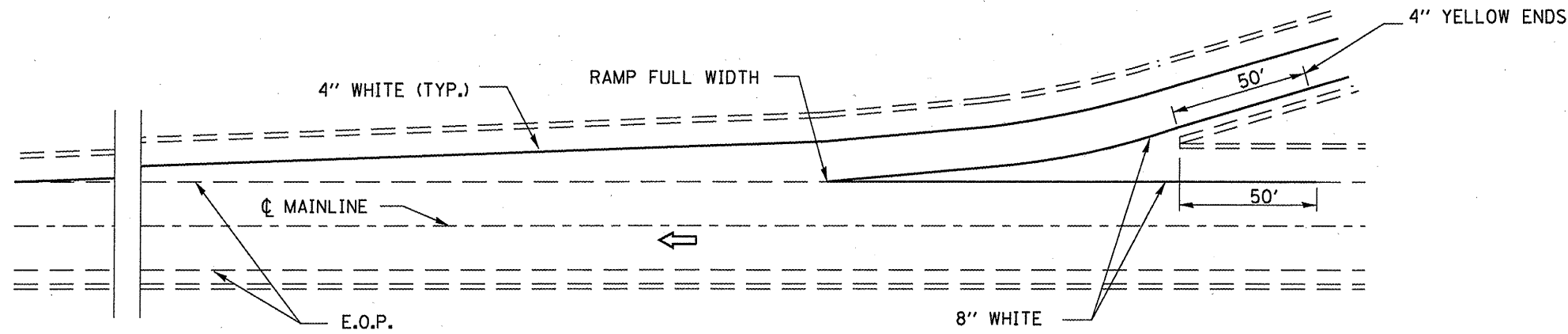


GENERAL NOTES

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

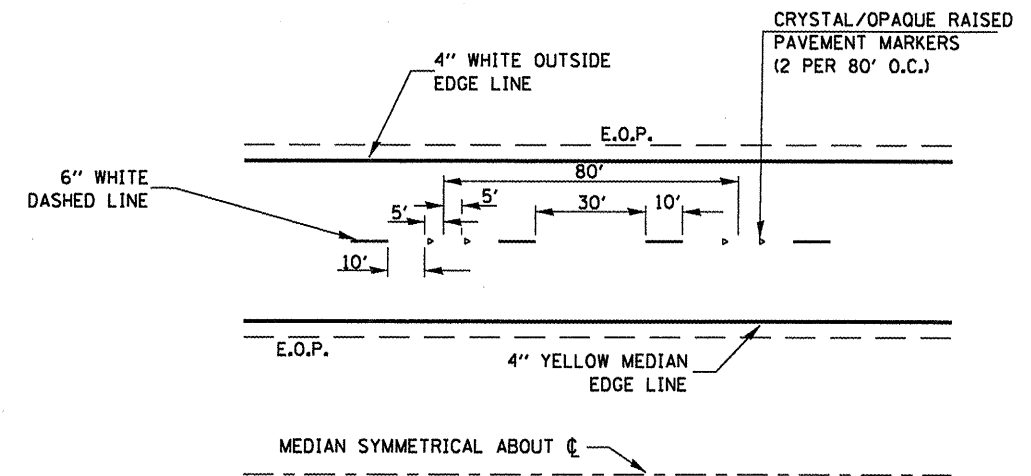
SEE STANDARD 420701 FOR DETAILS OF PAVEMENT FABRIC.





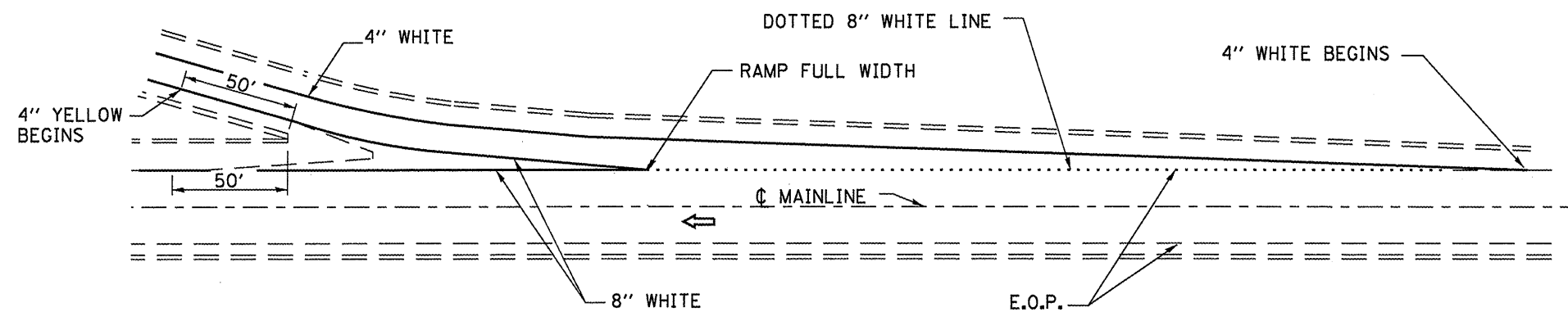
TYPICAL PAVEMENT MARKING FOR ENTRANCE RAMP TERMINALS

NOTE:
 WHEN PATCHING IS ADJACENT TO 8" PAVEMENT MARKING LINE THE 8" STRIP SHALL BE REPLACED WITH TWO 4" LINES.
 RAISED REFLECTIVE PAVEMENT MARKERS THAT FALL WITHIN PATCHED BOUNDARIES WILL NOT BE REPLACED.



TYPICAL PAVEMENT MARKINGS

FAI 57



TYPICAL PAVEMENT MARKINGS FOR EXIT RAMP TERMINALS

FILE NAME =	USER NAME = petelyj	DESIGNED - RON WOODSHANK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKING	FAI	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\pwork\pwidot\petelyj\d0301886\0366022-sht-details.dgn	DRAWN - RON WOODSHANK	REVISED -	57			D3 PAVEMENT PATCHING 2013-2	KANKAKEE	10	10	
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -	CONTRACT NO. 66C22							
PLOT DATE = 4/5/2012	DATE -	REVISED -	ILLINOIS							