

INDEX OF SHEETS

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- 11-12. CLASS B PATCHING DETAILS.

STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-08	PAVEMENT JOINTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
701427-04	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
701602-07	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-05	TRAFFIC CONTROL DEVICES
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

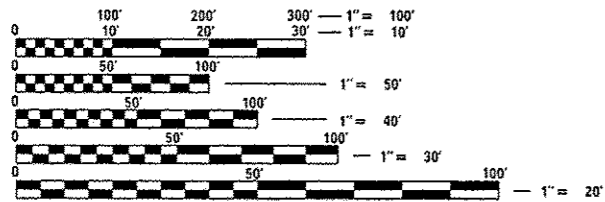
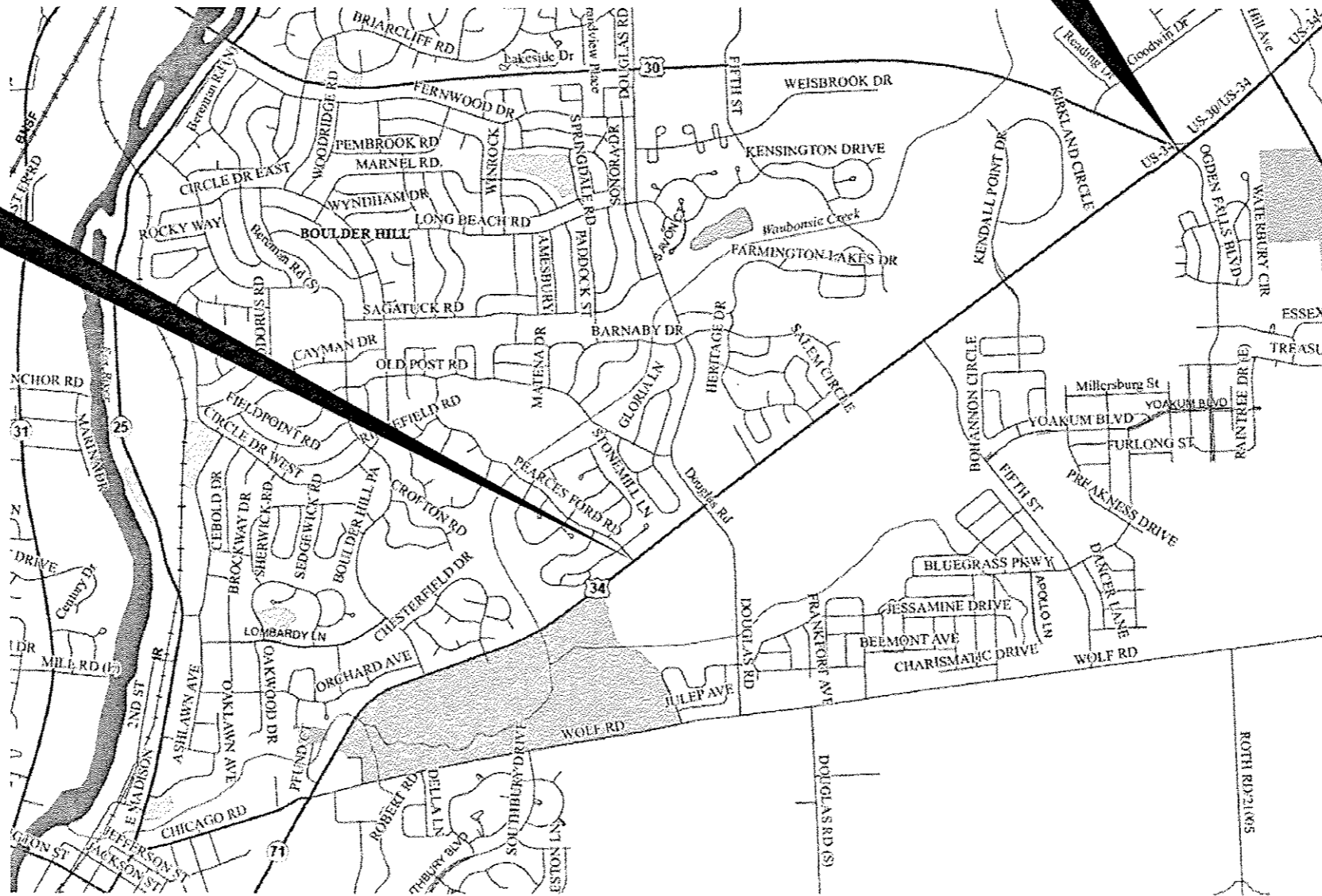
**PROPOSED
HIGHWAY PLANS**

F.A.P. 311 (US 34)
SECTION D3 PATCHING 2017-8
PAVEMENT PATCHING
KENDALL COUNTY

C-93-077-16

IMPROVEMENT ENDS
IL 30 (L.M. 2.09)

IMPROVEMENT BEGINS
PEARCES FORD RD
(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.

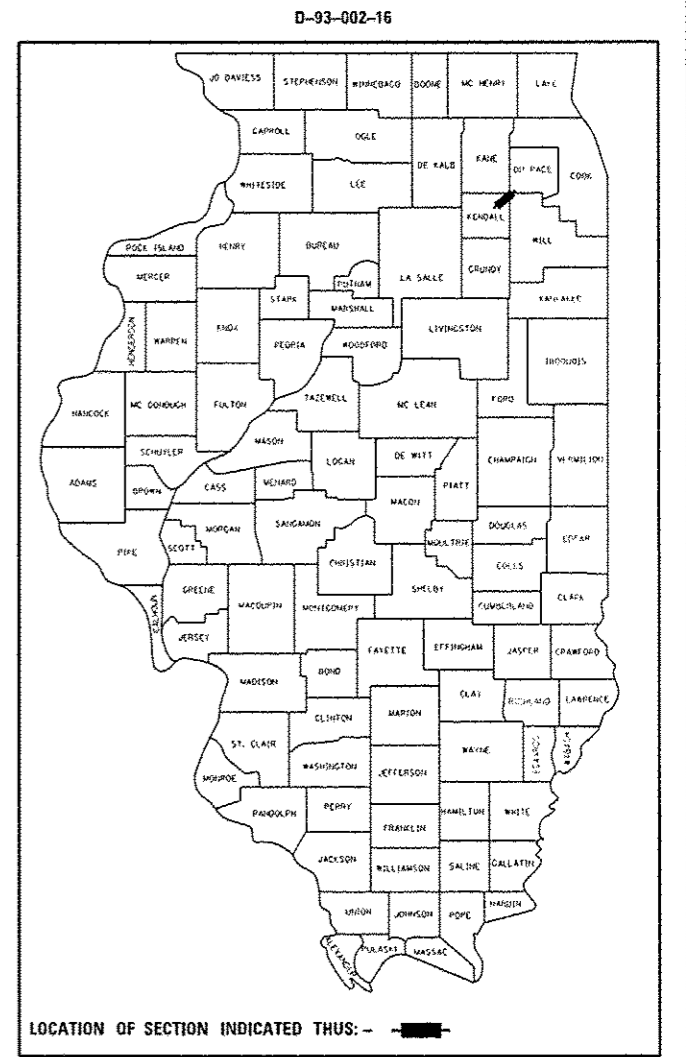
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER JOE KANNEL P.E.
UNIT CHIEF RON WOODSHANK

CONTRACT NO. 66F43

GROSS LENGTH = 11035 FT. = 2.09 MILE
NET LENGTH = 419.00 FT. = 0.08 MILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	D3 PATCHING 2017-8	KENDALL	12	1
		ILLINOIS	CONTRACT NO. 66F43	



LOCATION OF SECTION INDICATED THIS: - [Symbol] -

URBAN	
OTHER ARTERIAL	
FAP 311 (US 34)	
ADT YEAR = 2015	
ADT	29500
P. V.	89.14%
S. U.	7.32%
M. U.	3.54%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 19 2016
Paul Loete
REGIONAL ENGINEER

July 1 2016
Haubert M. Addis, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

July 1 2016
Francis A. [Signature]
DIRECTOR OF PROGRAM DEVELOPMENT

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.

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: Dave Beaulieu
DISTRICT STUDIES & PLANS ENGINEER

RESIDENT ENGINEER / TECHNICIAN

EXAMINED BY: Michael G. Jung
DISTRICT CONSTRUCTION ENGINEER

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

Wayne Phillips
DISTRICT MATERIALS ENGINEER

Tom Hupmeyer
DISTRICT OPERATIONS ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	D3 PATCHING 2017-8	KEW/DALL	12	2
CONTRACT NO. 66F43			ILLINOIS FED. AID PROJECT	

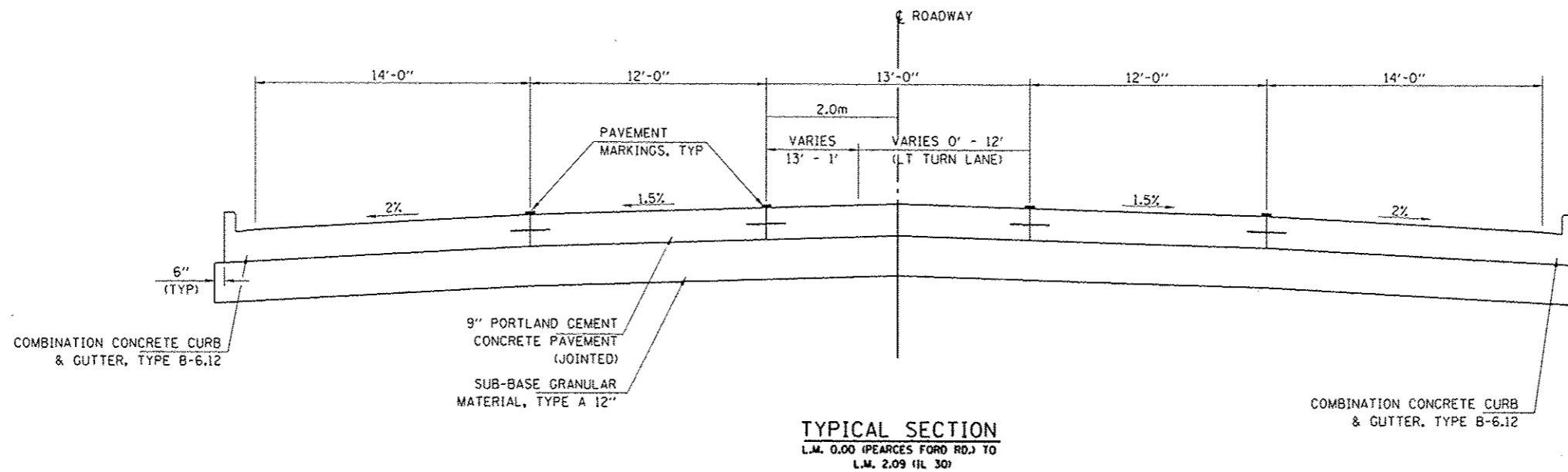
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		CHECKED	REVISED
		EP	-
		DATE	REVISED
		4/11/2016	-

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

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				CONT. MAINT.
				100% STATE
				ROADWAY
				0005
				URBAN
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	36	36
44200050	WELDED WIRE REINFORCEMENT	SQ YD	151	151
44200956	CLASS B PATCHES, TYPE II, 9 INCH	SQ YD	449	449
44200962	CLASS B PATCHES, TYPE III, 9 INCH	SQ YD	120	120
44200964	CLASS B PATCHES, TYPE IV, 9 INCH	SQ YD	31	31
44201299	DOWEL BARS 1 1/2"	EACH	1276	1276
44213200	SAW CUTS	FOOT	3537	3537
44213204	TIE BARS 3/4"	EACH	50	50
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	36	36
67100100	MOBILIZATION	LSUM	1	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	LSUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	5	5
78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	210	210

19

*SPECIALITY ITEMS



NOTE: EXISTING CURB AND GUTTER WAS POURED MONLITHICLY WITH PAVEMENT.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

FILE NAME	USER NAME	DESIGNED	REVISED
\\pwwork\pwwork\woodshankr\1\08471078	woodshankr1	- RW	-
	366F43-shk-dtbl.dgn	DRAWN	REVISED
		- RW	-
	PLOT SCALE: 1/8" = 1'-0"	CHECKED	REVISED
		- EP	-
	PLOT DATE: 5/29/2016	DATE	REVISED
		- 4/11/2016	-

SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	D3 PATCHING 2017-8	KENDALL	12	5
CONTRACT NO. 66F43			ILLINOIS FED. AID PROJECT	

PATCHING SCHEDULE - WESTBOUND LANES

LOCATION LOG MILE	PASSING LANE				DRIVING LANE					
	PATCH LENGTH	CLASS B TYPE II 9"	DOWEL BARS 1 1/2"	SAW CUTS	PATCH LENGTH	CLASS B TYPE II TYPE III		DOWEL BARS 1 1/2"	SAW CUTS	WELDED WIRE REINF.
	(FT)	SQ YD	EACH	FOOT	(FT)	SQ YD	SQ YD	EACH	FOOT	SQ YD
2.10					6	9		24	60	
2.00					6	9		24	60	
2.00	6	8	20	54	6	9		24	60	
1.90					12		19	24	78	19
1.90					15		23	24	87	23
1.60	6	8	20	54	6	9		24	60	
1.60	6	8	20	54	6	9		24	60	
1.20	6	8	20	54						
1.00	6	8	20	54	8	12		24	66	
0.80					6	9		24	60	
0.70					10			24	72	
0.40	6	8	20	54	6	9		24	60	
0.30					6	9		24	60	
0.20					8	12		24	66	
0.20	6	8	20	54	6	9		24	60	
0.10	6	8	20	54	6	9		24	60	
TOTALS	48	64	160	432	113	118	42	360	969	42

WESTBOUND PATCHING TOTALS

CLASS B TYPE II 9"	CLASS B TYPE III 9"	DOWEL BARS 1 1/2"	SAW CUTS	WELDED WIRE REINF.
SQ YD	SQ YD	EACH	FOOT	SQ YD
182	42	520	1401	42

PAVEMENT MARKING SCHEDULE - WB LANES

LOCATION MILE POST	POLYUREA PAVEMENT MARKING LINE 4"	POLYUREA PAVEMENT MARKING LINE 8"	POLYUREA PAVEMENT MARKING LINE 12"	POLYUREA PAVEMENT MARKING LINE 24"	PREFORMED PLASTIC PAVEMENT MARKING TYPE B LINE 6"	GROOVING FOR RECESSED PAVEMENT MARKING LINE 7"
	FEET YELLOW	FEET WHITE	FEET YELLOW	FEET WHITE	FEET WHITE	FEET
2.10						
2.00						
2.00	12				10	10
1.90						
1.90						
1.60		12				
1.60		12				
1.20		6			10	10
1.00		6			10	10
0.80						
0.70						
0.40		12			10	10
0.30						
0.20						
0.20	12				10	10
0.10		6			10	10

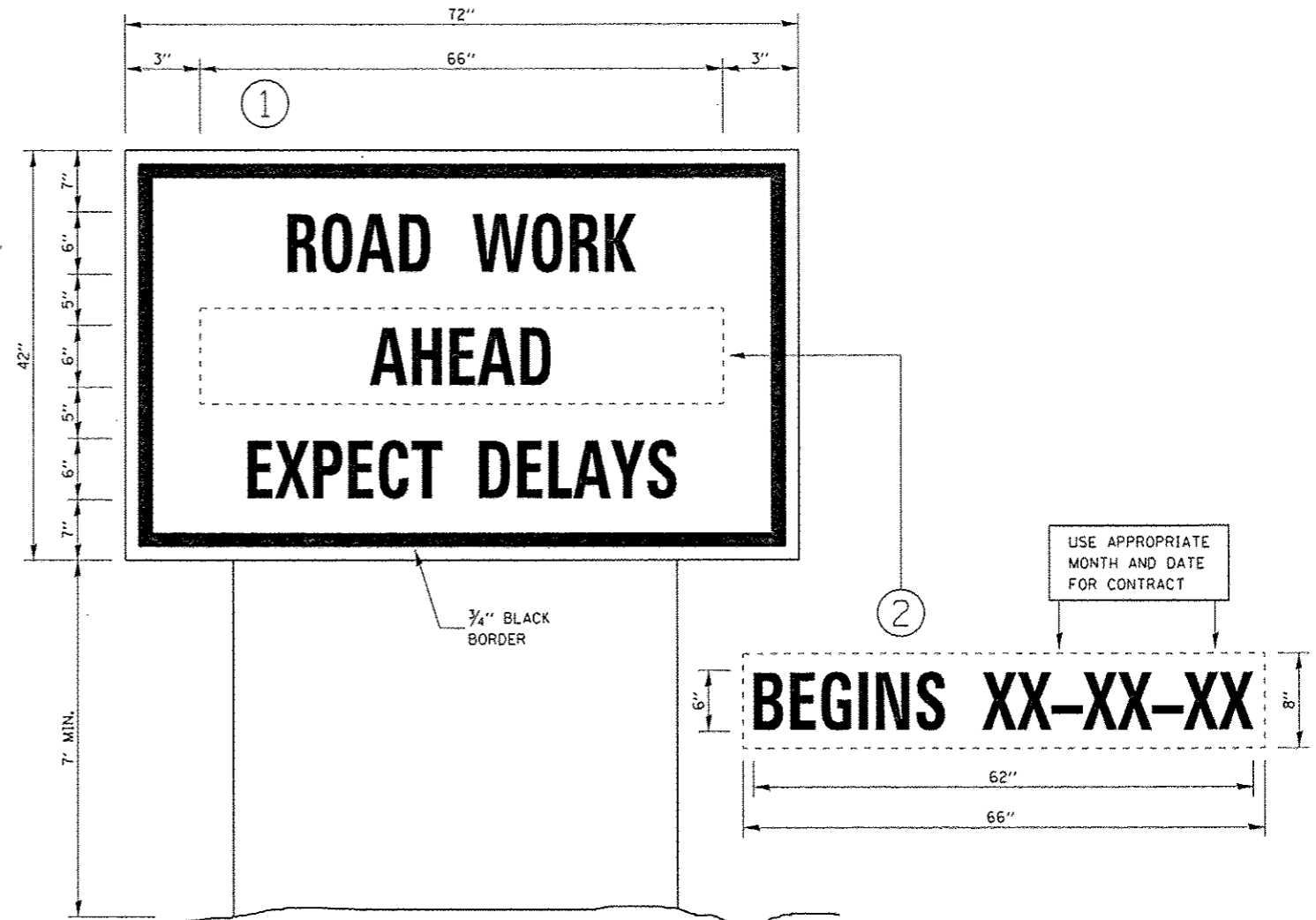
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES - WESTBOUND LANES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	03 PATCHING 2017-B	KENDALL	12	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F43	

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

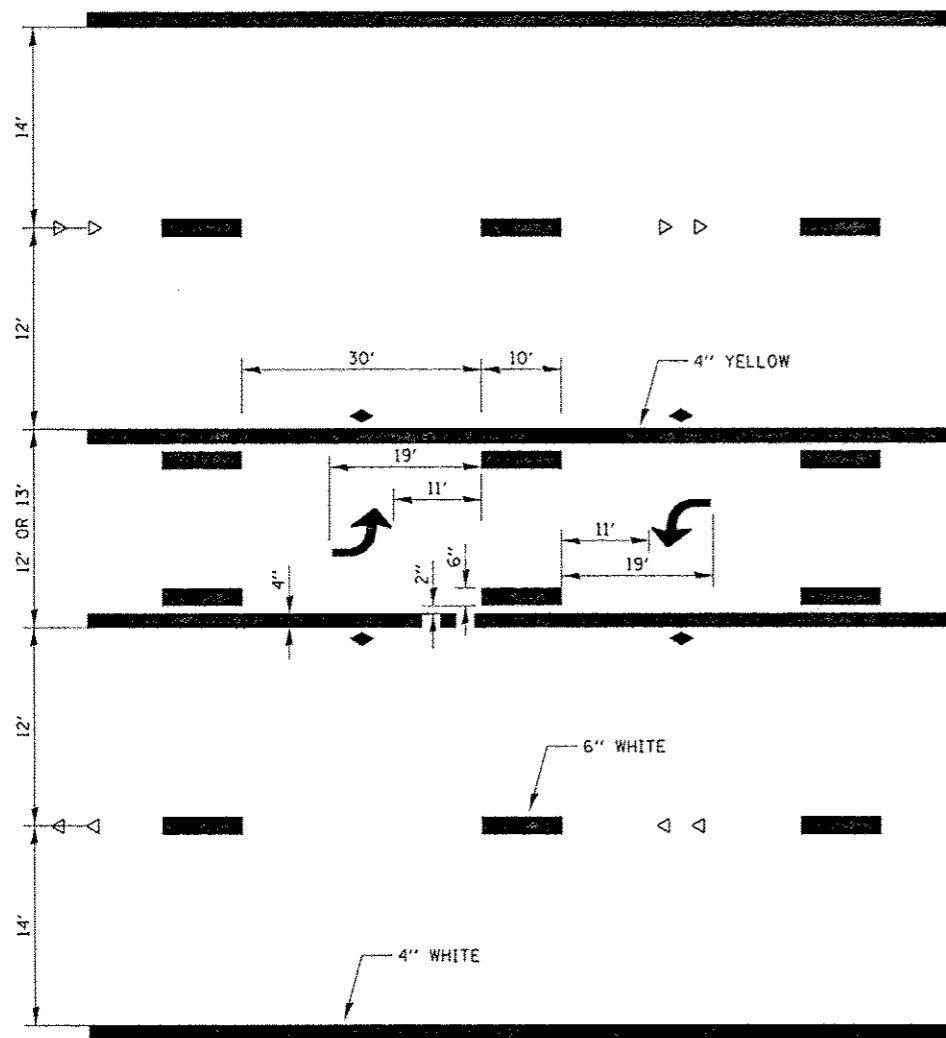


TEMPORARY INFORMATION SIGNING

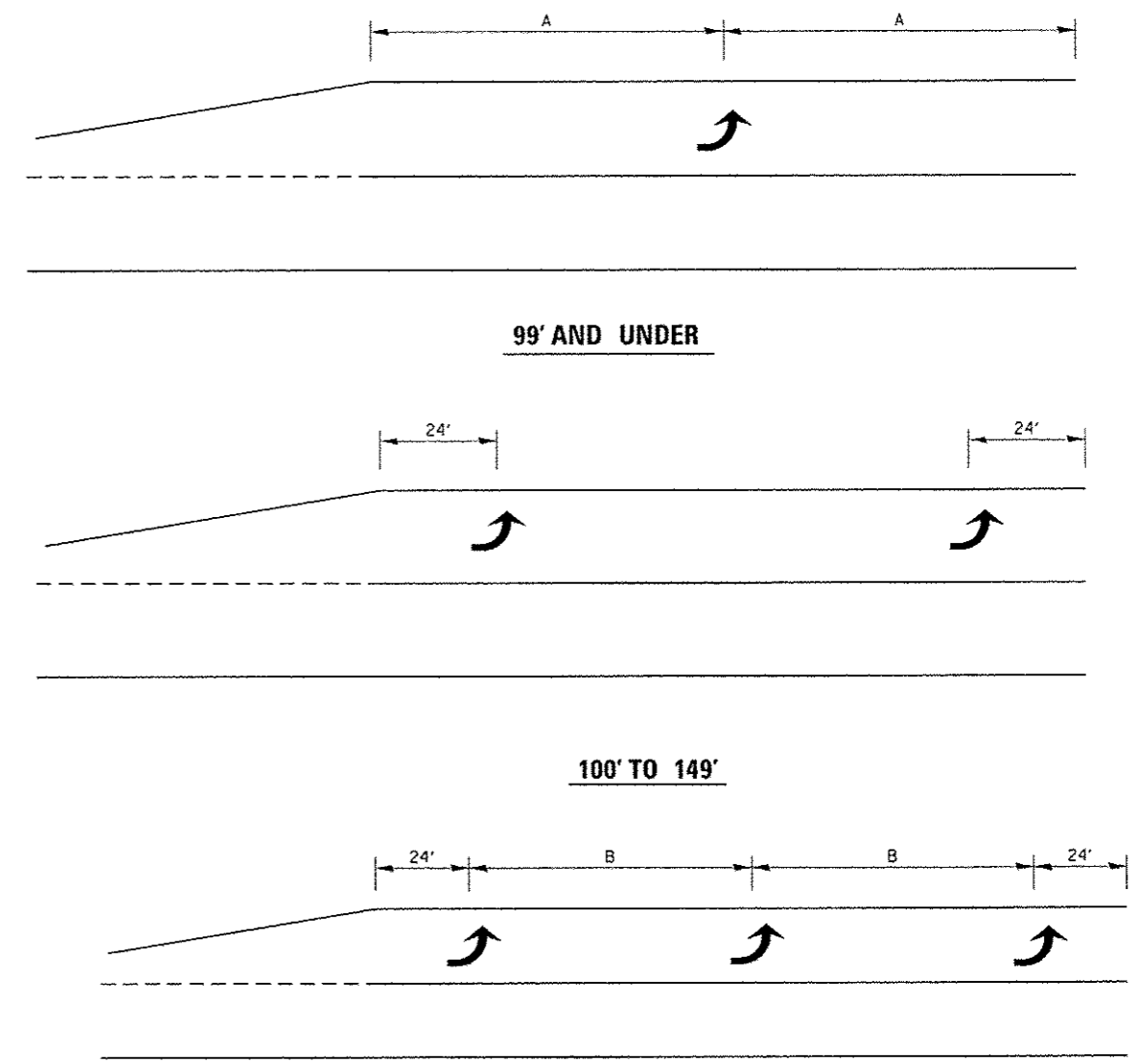
NOTES:

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.

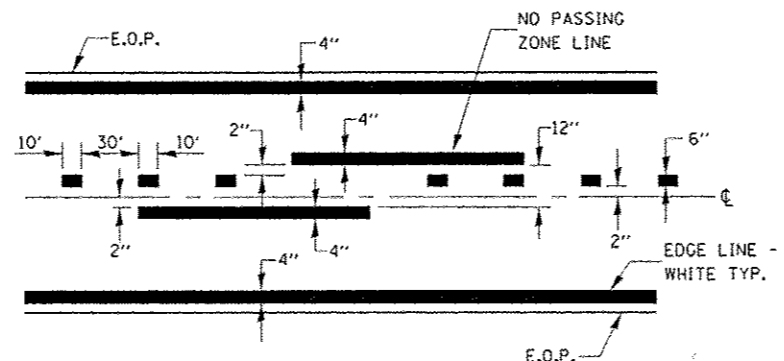
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DRAWN: data\0306FR\ht\hataledgn	CHECKED - EP	REVISED -	REVISED -			311	03 PATCHING 2017-8	KENDALL	12	8
PLOT SCALE: 100.0000 1" = 10'	DATE - 4/11/2016	REVISED -	REVISED -			CONTRACT NO. 66F43		ILLINOIS FED. AID PROJECT		
Default				SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.						



**TYPICAL APPLICATION
TWO WAY LEFT TURN LANE (TWLTL)**



**TYPICAL PLACEMENT OF ARROWS
IN TURN LANES**



CENTERLINE & NO PASSING
ZONE LINES - YELLOW

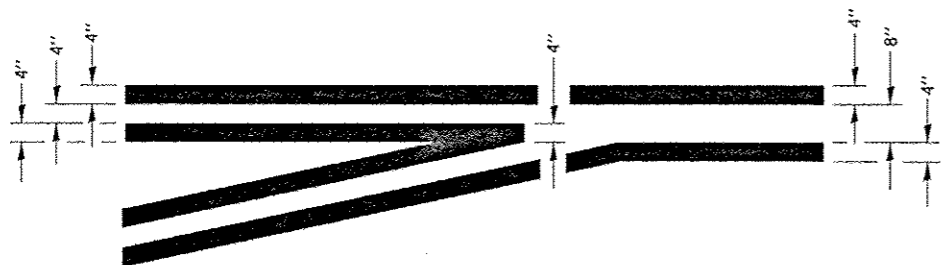
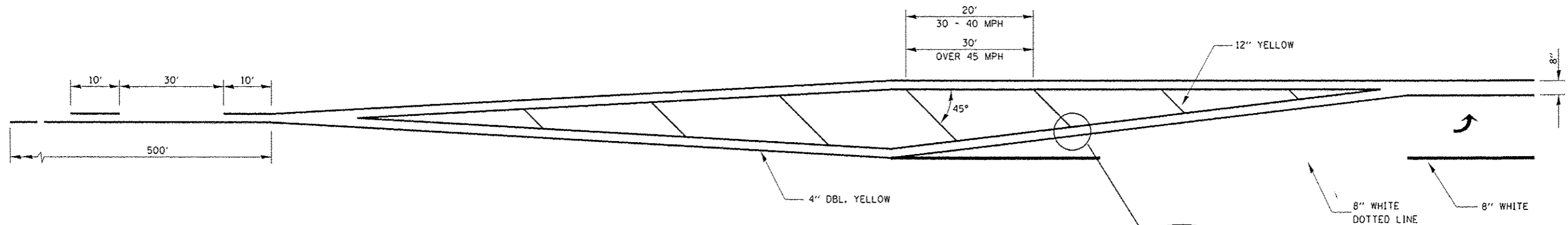
PAVEMENT MARKING

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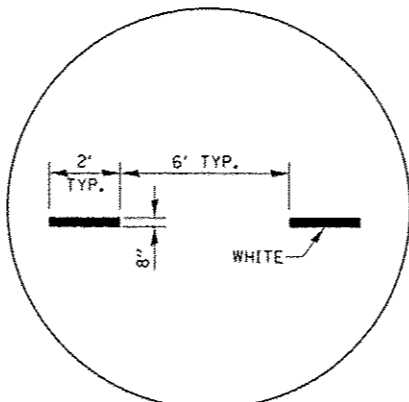
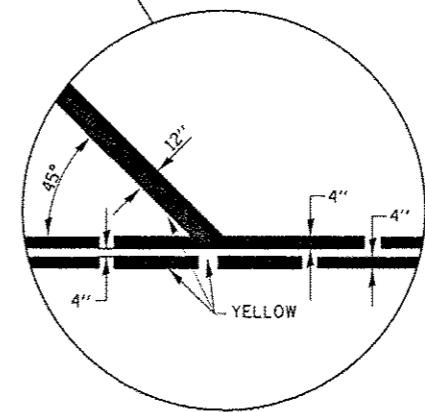
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS	
SCALE:	SHEET 1 OF 2 SHEETS STA. TO STA.

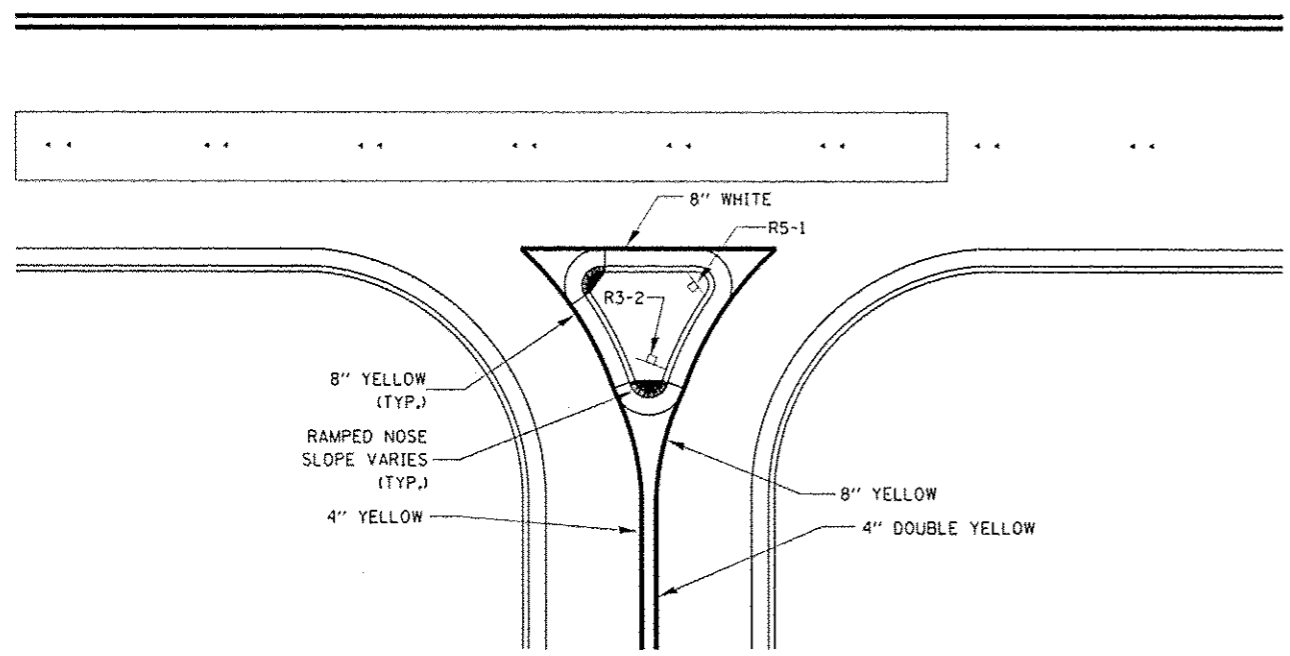
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CONTRACT NO. 66F43			ILLINOIS FED. AID PROJECT	



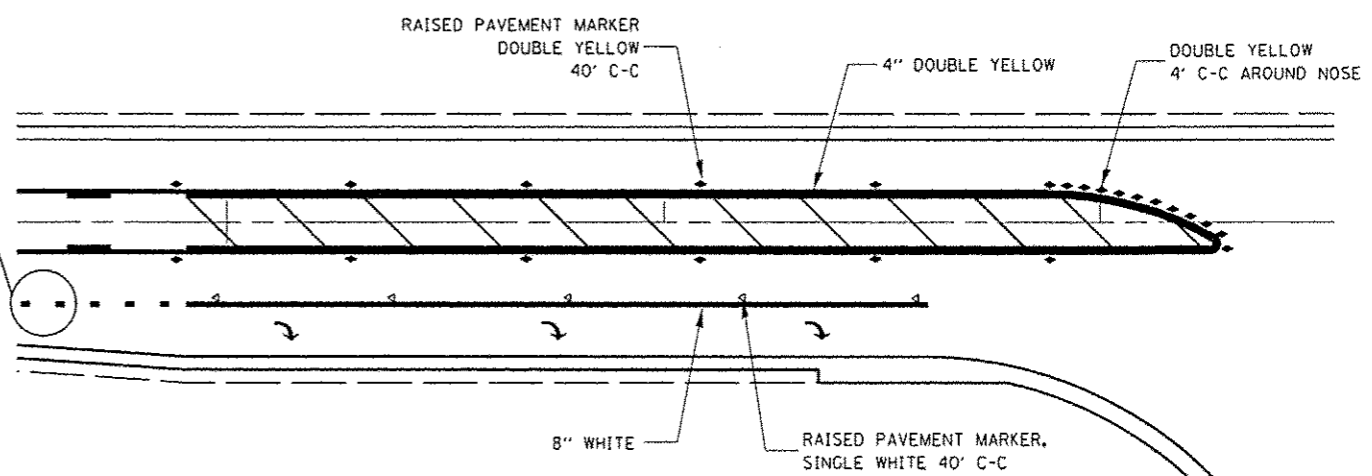
**TYPICAL APPLICATION
LEFT TURN LANES**



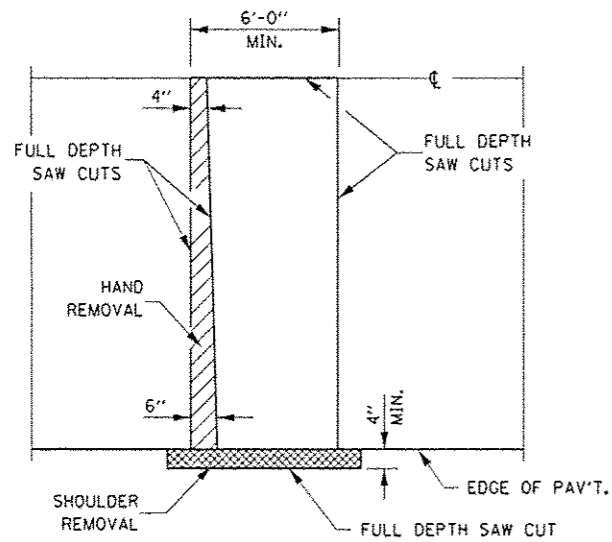
**ADVANCE AND INTERSECTION LANE
DIVIDER LINES**



RIGHT IN RIGHT OUT ACCESS PAVEMENT MARKING

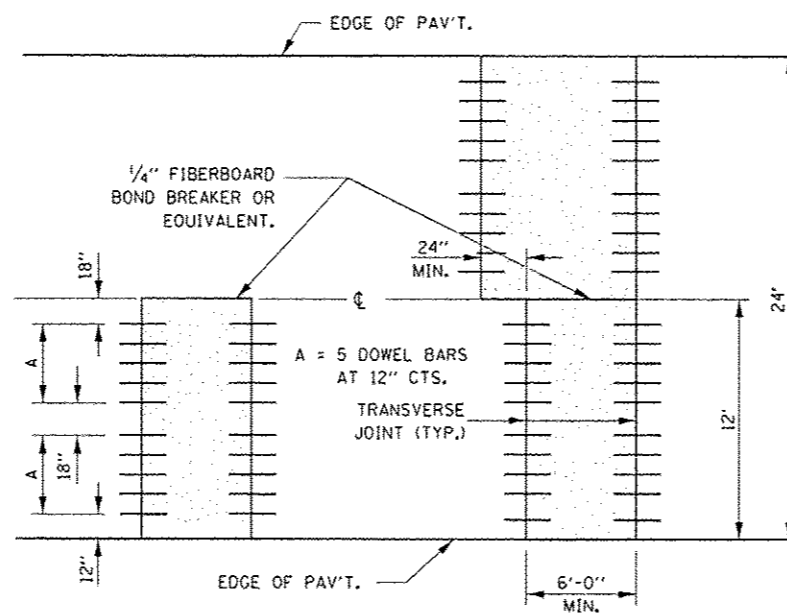


**RAISED REFLECTIVE AND PAVEMENT MARKERS
RIGHT TURN LANE**

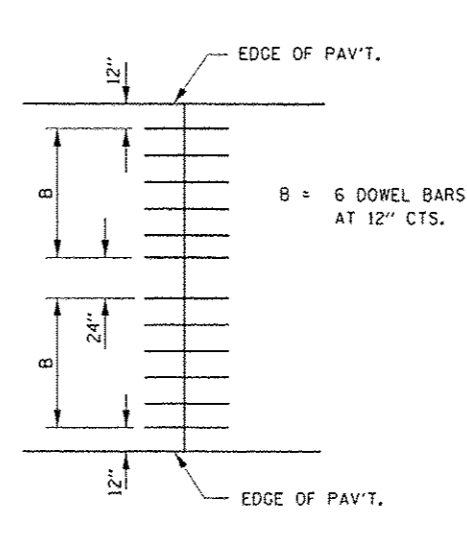


PAVEMENT SAWING DETAIL

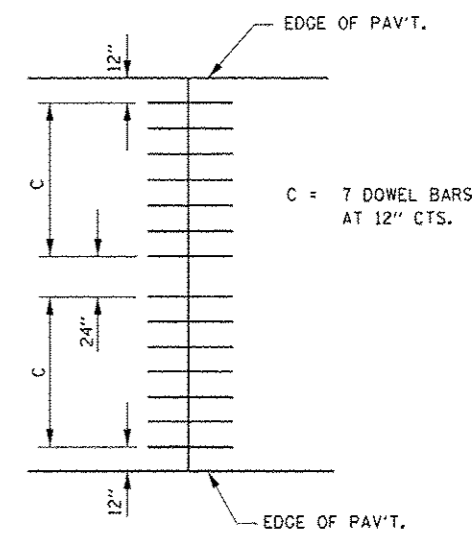
(HMA SHOULDER)



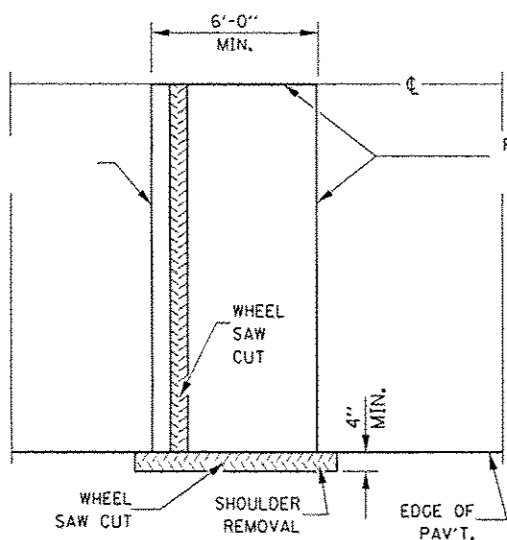
12' WIDE LANES



14' WIDE RAMP

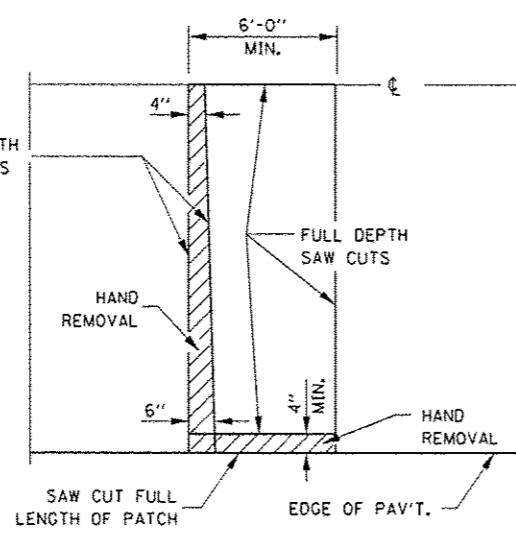


16' WIDE RAMP



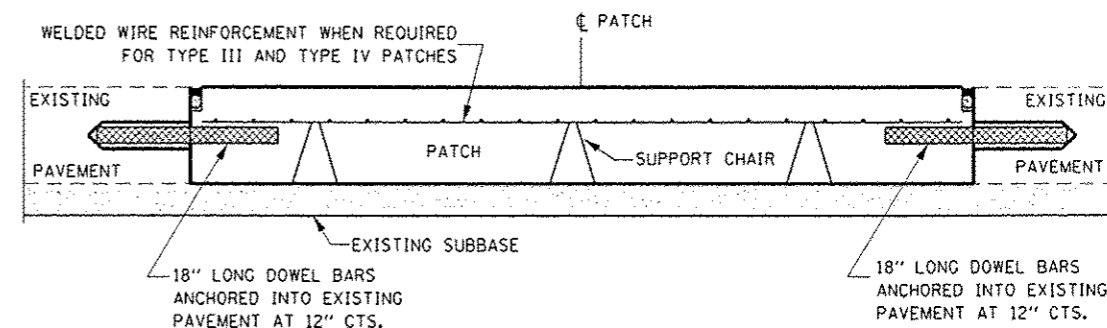
ALTERNATE SAWING DETAIL

(HMA SHOULDER)

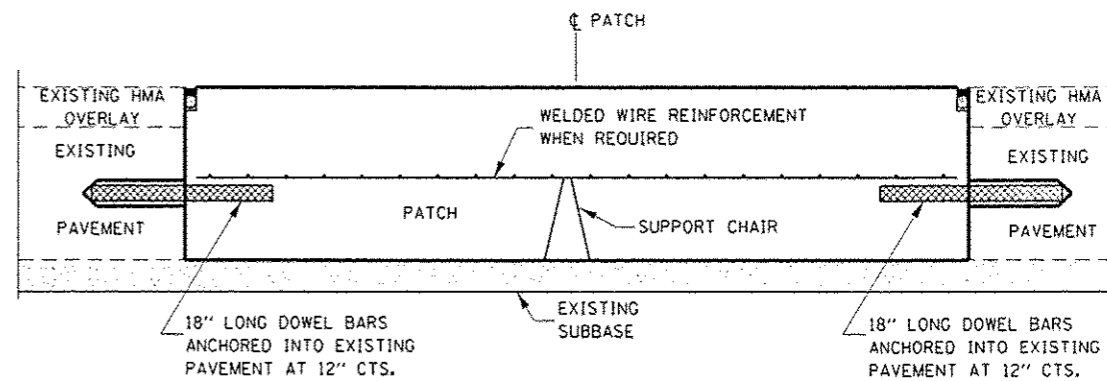


PAVEMENT SAWING DETAIL

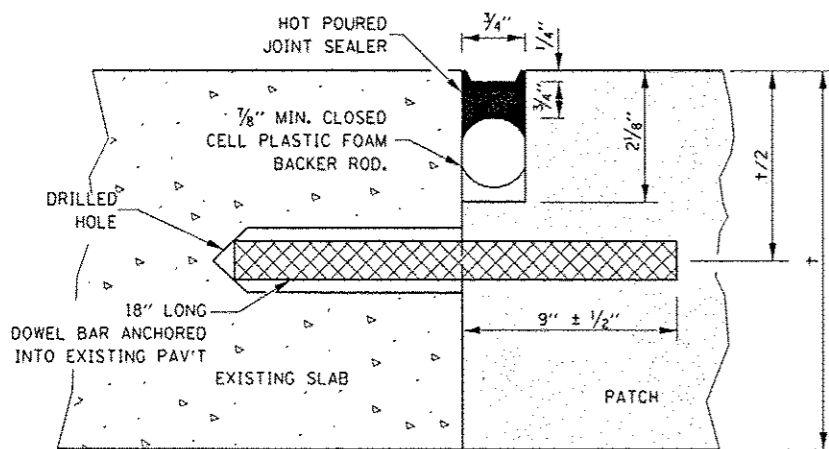
(PCC SHOULDER)



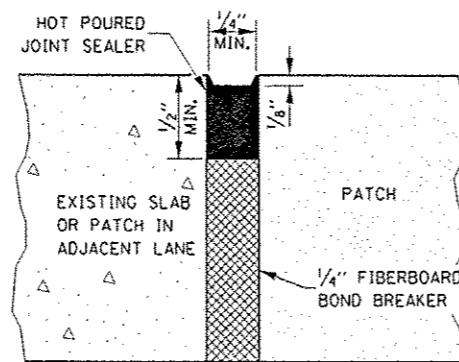
PATCHING WITHOUT HMA OVERLAY



PATCHING WITH HMA OVERLAY



TRANSVERSE JOINT



CENTERLINE JOINT

DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
8" OR GREATER	1 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 ADJECENT LANE WHENEVER POSSIBLE.

SEE STANDARD 420701 FOR DETAILS OF PAVEMENT WELDED WIRE REINFORCEMENT.

