035

0

01-17-2020 LETTING ITEM 035

STATE OF ILLINOIS

D-93-015-19

COVER SHEET GENERAL NOTES

INDEX OF SHEETS

3 - 4. SUMMARY OF QUANTITIES

5. TYPICAL SECTIONS 6 - 7. SCHEDULES

8. LOCATION MAP

9 - 10. CLASS A PATCHING DETAILS 11 - 12. CLASS B_PATCHING DETAILS

STANDARDS

000001-07

606301-04

701001-02

13. TEMPORARY INFORMATION SIGNING

AREAS OF REINFORCEMENT BARS

DECIMAL OF AN INCH AND OF A FOOT PC CONCRETE ISLANDS AND MEDIANS

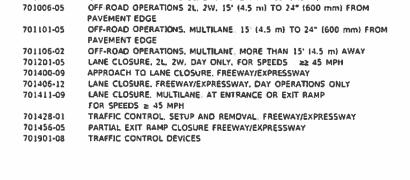
PROPOSED

HIGHWAY PLANS

DEPARTMENT OF TRANSPORTATION

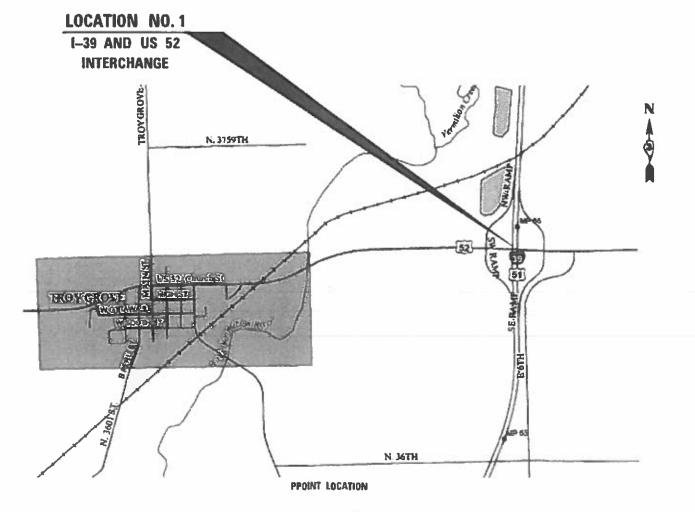
F.A.I. ROUTE 39 (I-39)
SECTION (50-6)K & PP
PROJECT
PAVEMENT PATCHING
US 52 MAINLINE
AND I-39 INTERCHANGE RAMPS
LASALLE COUNTY

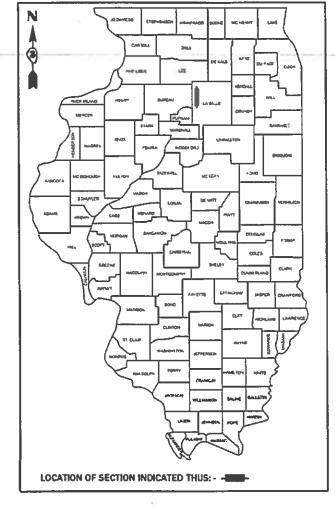
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STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

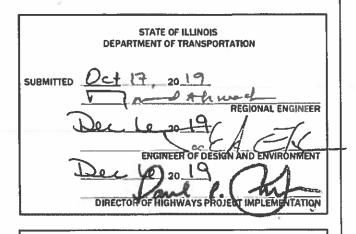
OFF-ROAD OPERATIONS 2L. 2W. MORE THAN 15' (4.5 m) AWAY



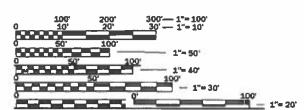


FUNCTIONAL CLASSIFICATION INSIAL - US 52 & 1-30 MITEROWIGE

		. a.c by a Los an Cumana	-	
171.57	TAMES A	S. SHALE	FAMP C	EAMP D
2017 ABT - 1.790	2016 AUT = 375	2916 ADT = 360	2016 ADT = 560	2010 101 - 650
F.Y. 78.8%	P.V. \$4.7%	P.V. \$8.8%	P.Y. 71.9%	P.V. 13.7%
S.II. 2.8%	S.U. 6.3%	SAL E.PE	SH. SAN	E.U. 3.6%
90,021,4%	MUL, 40.0%	M.H. 38.7%	MLD, 22,7%	M.9. 22.7%



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



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. 66J57

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.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT THREE

AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

DATE:

EXAMINED BY:

DISTRICT THREE

DISTRICT STUDIES & PLANS ENGINEER

DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY:

DISTRICT CONSTRUCTION ENGINEER

DISTRICT OPERATIONS ENGINEER

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DISTRICT/MATERIALS ENGINEER

FILE NAME #	USER NAME = woodshank/t	DESIGNED -	RW	REVISED -						F.A.I. RTE	SECTION	COUNTY	TOTAL	SHEET S NO.		
pw/\VIL084EBIDINTEG.Illinols.gov:PWIDOT\Documents\III	DT Officee\District 3\Projects\D366J57\CADData\66J67-cover.c	DRAWN -	RW	REVISED -	STATE OF ILLINOIS			GENE	RAL NO	TES		39	(50-6)K & PP	LASALLE	13	2
	PLOT SCALE = 100.0000 1/ in.	CHECKED -	EP	REVISED -	DEPARTMENT OF TRANSPORTATION								· · · · · · · · · · · · · · · · · · ·	CONTRAC	CT NO. 6	36J57
Default	PLOT DATE = 8/20/2018	DATE -	08/17/2018	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.		ILLINOIS FED. A	IO PROJECT		

COMMITMENTS

CONSTRUCTION CODE
CONTRACT MAINTENANCI
100% STATE

				ROADWAY
CODE			TOTAL	0006
NO.	ITEM	UNIT	QUANTITY	RURAL
44200050	WELDED WIRE REINFORCEMENT	SQ YD	279	279
44200553	CLASS A PATCHES, TYPE II, 10 INCH	SQ YD	176	176
44200559	CLASS A PATCHES, TYPE IV, 10 INCH	SQ YD	133	133
44200934	CLASS B PATCHES, TYPE II,8 INCH	SQ YD	413	413
44200942	CLASS B PATCHES, TYPE III, 8 INCH	SQ YD	83	83
44200944	CLASS B PATCHES, TYPE IV,8 INCH	SQ YD	80	80
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	594	594
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	18	18
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	98	98
44201299	DOWEL BARS 1 1/2"	EACH	2786	2786
44213000	PATCHING REINFORCEMENT	SQ YD	309	309
44213200	SAW CUTS	FOOT	7299	7299
44213204	TIE BARS 3/4"	EACH	798	798
67100100	MOBILIZATION	L SUM	1	1

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Default	PLOT DATE = 8/20/2018	DATE	-	08/17/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	CUMMADY OF QUANTITIES						SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SUMMARY OF QUANTITIES				39	(50-6)K & PP	LASALLE	13	3		
								CONTRAC	CT NO. 6	6J57
- 1	SHEET 1 OF	- 2	SHEETS	STA	TO STA.		ILLINOIS FED A	ID PROJECT		

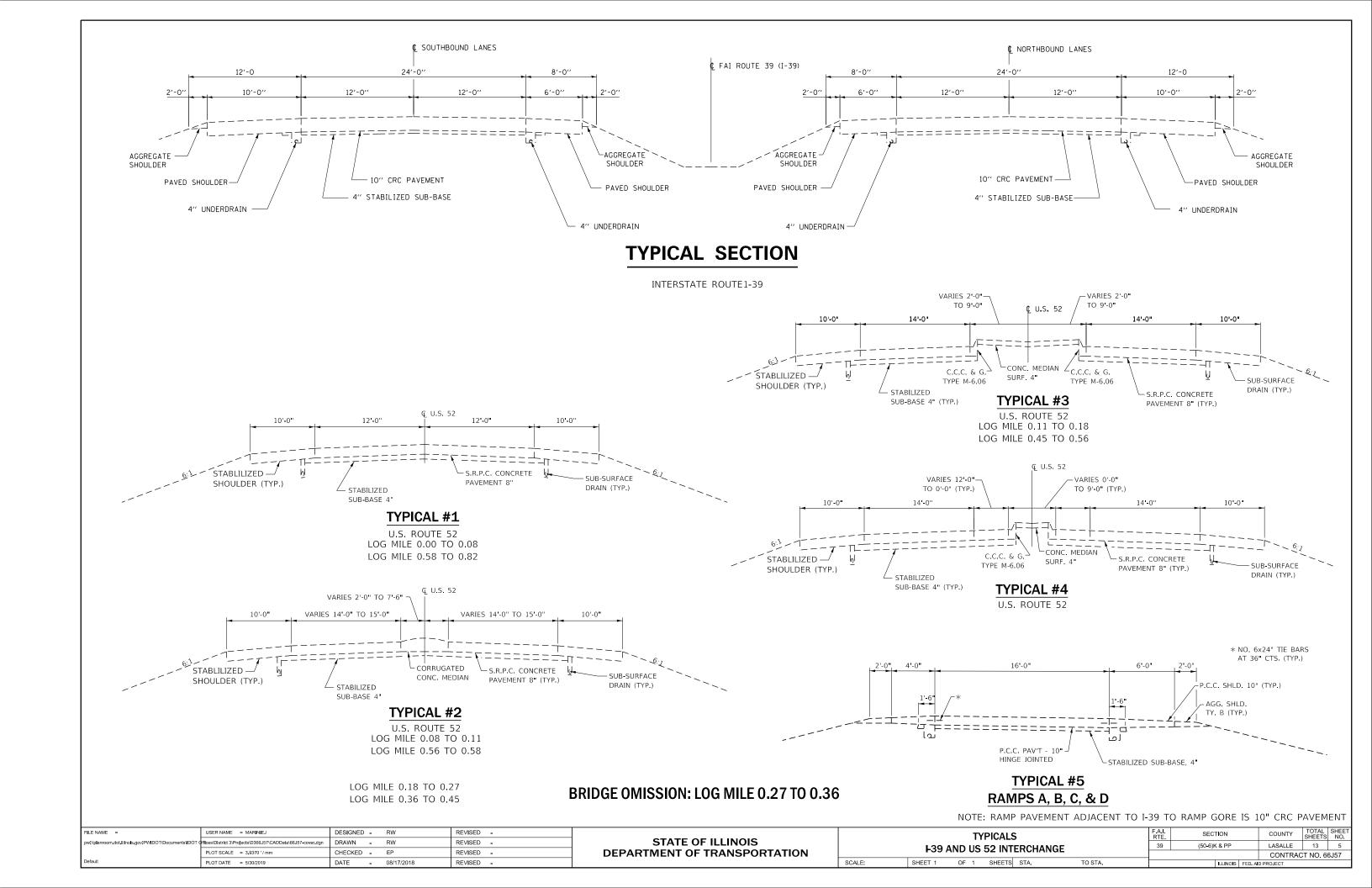
				CONSTRUCTION CODE CONTRACT MAINTENANCE
				100% STATE ROADWAY
CODE			TOTAL	0006
NO.	ITEM	UNIT	QUANTITY	RURAL
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1
X4402810	ISLAND SURFACE REMOVAL AND REPLACEMENT	SQ FT	266	266
X4402815	ISLAND PAVEMENT REMOVAL AND REPLACEMENT	SQ FT	266	266
X7010520	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 (SPECIAL)	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42

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	Offices\District 3\Projects\D366J57\CADData\66J57-cover.dgn	DRAWN - RW	DEVICED	STATE OF ILLINOIS		CHMAN	IARY OF QUANTITIES	181
pw://pianroom.dot.iiiinois.gov:PvviDO1/Documents/iDO1	Unices/District 3/Projects/D300357/CADData/00357-cover.ogn	DRAWN - KW	REVISED -	STATE OF ILLINOIS		SUIVIIV	IART OF QUANTITIES	3′
	PLOT SCALE = 3.9370 ' / mm	CHECKED - EP	REVISED -	DEPARTMENT OF TRANSPORTATION			_	<u> </u>
Default	PLOT DATE = 5/30/2019	DATE - 08/17/2018	REVISED -		SCALE:	SHEET 2 O	F 2 SHEETS STA.	TO STA.

COUNTY TOTAL SHEETS NO.

LASALLE 13 4

SECTION (50-6)K & PP



SCHEDULE - PATCHING US 52 MAINLINE (WESTBOUND LANE)

		03 32	MAINLINE (· · · · · · · · · · · · · · · · · · ·				
				DRIVING LANE					
LOCATION	PATCH CLASS B				DOWEL	SAW	WELDED	TIE	
LOCATION	LENGTH	TYPE II	TYPE III	TYPE IV	BARS	CUTS	WIRE	BARS	
		8"	8"	8"	1 1/2"		REINF.	3/4"	
LOG MILE	(FT)	SQ YD	SQ YD	SQ YD	EACH	FOOT	SQ YD	EACH	
0.00	6	8			20	48			
0.01	6	8			20	48			
0.01	6	8			20	48			
0.03	6	8			20	48			
0.23	6	9			24	54			
0.23	6	9			24	54			
0.25	6	9			24	54			
0.25	6	9			24	54			
0.27	6	9			24	54			
0.29	6	9			24	54			
0.40	6	9			24	54			
0.41	6	9			24	54			
0.42	6	9			24	54			
0.49	6	9			24	54			
0.50	6	9			24	54			
0.51	6	9			24	54			
0.51	6	9			24	54			
0.51	6	9			24	54			
0.53	6	9			24	54			
0.57	20			33	26	85	33	10	
0.60	15		20		20	66	20		
0.62	6	8			20	48			
0.65	6	8			20	48			
0.70	6	8			20	48			
0.72	6	8			20	48			
0.74	6	8			20	48			
0.80	6	8			20	48			
0.80	6	8			20	48			
0.82	END OF CONC	RETE SECTION							
TOTALS		223	20	33	626	1489	53	10	

SCHEDULE - PATCHING RAMP B (NORTHBOUND ON RAMP)

KAMP B (NOKTHBOOND ON KAMP)										
			ON RAMP							
LOCATION	PATCH	CLA	DOWEL	SAW	WELDED					
LOCATION	LENGTH	TYPE II	TYPE III	BARS	CUTS	WIRE				
		10"	10"	1 1/2"		REINF.				
LOG MILE	(FT)	SQ YD	SQ YD	EACH	FOOT	SQ YD				
0.02	10		18	28	68	18				
0.05	6	11		28	60					
0.06	6	11		28	60					
0.07	6	11		28	60					
0.10	6	11		28	60					
0.11	6	11		28	60					
0.12	6	11		28	60					
0.13	6	11		28	60					
0.14	6	11		28	60					
0.15	6	11		28	60					
0.17	6	11		28	60					
0.18	6	11		28	60					
0.19	6	11		28	60					
0.21	6	11		28	60					
0.23	6	11		28	60					
0.24	6	11		28	60					
0.25	6	11		28	60					
TOTALS	•	176	18	476	1028	18				

RAMP B LOG MILE 0.0 = TOP OF RAMP AT US. 52

SCHEDULE - PATCHING RAMP A (SOUTHBOUND OFF RAMP)

			-						
	OFF RAMP								
LOCATION	PATCH	PATCH CLASS A PATCH		SAW	TIE				
LOCATION	LENGTH	TYPE II	REINF.	CUTS	BARS				
		10"			3/4"				
LOG MILE	FEET	SQ YD	SQ YD	FOOT	EACH				
0.01	6	11	11	44	42				
0.07	6	11	11	44	42				
0.08	6	11	11	44	42				
0.10	6	11	11	44	42				
0.11	6	11	11	44	42				
TOTALS		55	55	220	210				
D 444D 4 1 0 0 4411 F 0		OF BANKS BANKSMENT	(a l CTUD)						

RAMP A LOG MILE 0.0 = BEGINNING OF RAMP PAVEMENT (1'STUB)

SCHEDULE - PATCHING RAMP A (SOUTHBOUND OFF RAMP)

		OFF RAM	Р	
LOCATION	PATCH	CLASS B	DOWEL	SAW
LOCATION	LENGTH	TYPE II	BARS	CUTS
		10"	1 1/2"	
LOG MILE	(FT)	SQ YD	EACH	FOOT
0.14	6	11	28	60
0.17	6	11	28	60
0.18	6	11	28	60
0.22	6	11	28	60
0.24	6	11	28	60
0.25	6	11	28	60
0.26	6	11	28	60
0.27	6	11	28	60
0.28	6	11	28	60
0.29	6	11	28	60
0.29	6	11	28	60
0.30	6	11	28	60
0.30	6	11	28	60
0.31	6	11	28	60
0.32	6	11	28	60
0.35	6	11	28	60
TOTALS		176	448	960

SCHEDULE - PATCHING RAMP B (NORTHBOUND ON RAMP)

	11/71	11 D (11OK111	DOUND ON IN	AI'II)						
	ON RAMP									
LOCATION	PATCH	CLAS	S A	PATCH	SAW	TIE				
LOCATION	LENGTH	TYPE II	TYPE IV	REINF.	CUTS	BARS				
		10"	10"			3/4"				
LOG MILE	FEET	SQ YD	SQ YD	SQ YD	FOOT	EACH				
0.28	6	11		11	44	42				
0.29	6	11		11	44	42				
TOTALS		22		22	88	84				

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Default	1	PLOT DATE	= 8/20/2018	DATE -	08/17/2018	REVISED	-

STATE OF ILLINOIS							
DEPARTMENT OF TRANSPORTATION							

	:	SCH	HEDULE	S		F.A.I. SECTION COU			COUNTY	TOTAL SHEETS	SHEET NO.
130 A	IIS.	52 INT	EBCH	ANGE	39	(50-6)K & PP		LASALLE	13	6	
 F33 A	שוו	03	JZ 1111	LIVOII	AIIGE				CONTRAC	T NO. 6	6J57
SHEET 1	OF	2	SHEETS	STA.	TO STA.		ILLINOIS	FED. All	D PROJECT		

SCHEDULE - PATCHING US 52 MAINLINE (FASTROUND LANES)

				05	32 MAI	NLINE (EA	42 1 00011	D LANES!					
			LEFT TU	JRN LANE						DRIVING LA	ANE		
LOCATION	PATCH	CLAS	S B	DOWEL	SAW	WELDED	TIE	PATCH	CLA	SS B	DOWEL	SAW	WELDED
LOCATION	LENGTH	TYPE II	TYPE IV	BARS	CUTS	WIRE	BARS	LENGTH	TYPE II	TYPE III	BARS	CUTS	WIRE
		8"	8"	1 1/2"		REINF.	3/4"		8"	8"	1 1/2"		REINF.
LOG MILE	(FT)	SQ YD	SQ YD	EACH	FOOT	SQ YD	EACH	(FT)	SQ YD	SQ YD	EACH	FOOT	SQ YD
0.82	(FI)	טו טכ	3Q 1D	EACH	F001	3Q 1D	EACH	(FI) 6		30 10	20	48	3Q 1D
								6	8 8		20	48	
0.81								6	8		20	48	
0.75								6	8		20	48	
0.74								6	8		20	48	
0.72								6	8		20	48	
0.65								6	8		20	48	
0.49								6	9		24	54	
0.46								6	9		24	54	
0.40								6	9		24	54	
0.32	6	8		20	48			U	9		24	74	
0.31	35	0	47	20	106	47	17						
0.30	33		7/	20	100	7,	1,	6	9		24	54	
0.29								15	,	23	24	72	23
0.21								15		23	24	72	23
0.20								6	9		24	54	
0.19								8	12		24	58	
0.19								6	9		24	54	
0.18								6	9		24	54	
0.11								6	10		26	57	
0.11					1			6	10		26	57	
0.10								10		17	26	65	17
0.09								6	10		26	57	
0.06								10	13		20	56	
0.04								6	8		20	48	
TOTALS		8	47	40	154	47	17		182	63	524	1256	63

SCHEDULE - PATCHING RAMP C (NORTHBOUND OFF RAMP)

	OFF RAMP								
LOCATION	PATCH	CLASS A	PATCH	SAW	TIE				
LOCATION	LENGTH	TYPE II	REINF.	CUTS	BARS				
		10"			3/4"				
LOG MILE	FEET	SQ YD	SQ YD	FOOT	EACH				
0.01	6	11	11	44	42				
0.02	6	11	11	44	42				
0.02	6	1 1	11	44	42				
0.03	6	11	11	44	42				
0.03	6	11	11	44	42				
TOTALS		55	55	220	210				

RAMP C LOG MILE 0.0 = BEGINNING OF RAMP PAVEMENT (1' STUB)

SCHEDULE - PATCHING RAMP D (SOUTHBOUND ON RAMP)

		2 (333)	THEODINE ON							
	ON RAMP									
LOCATION	PATCH	CLAS	S B	DOWEL	SAW	WELDED				
LOCATION	LENGTH	TYPE II	TYPE IV	BARS	CUTS	WIRE				
		10"	10"	1 1/2"		REINF.				
LOG MILE	(FT)	SQ YD	SQ YD	EACH	FOOT	SQ YD				
0.02	6	11		28	60					
0.03	15		27	28	78	27				
0.05	6	11		28	60					
0.06	6	11		28	60					
0.07	6	11		28	60					
0.10	6	11		28	60					
0.12	6	11		28	60					
0.18	6	11		28	60					
0.19	6	11		28	60					
0.21	6	11		28	60					
0.22	6	11		28	60					
0.25	6	11		28	60					
0.26	6	11		28	60					
0.27	6	11		28	60					
TOTALS		143	27	392	858	27				

RAMP D LOG MILE 0.0 = TOP OF RAMP AT US. 52

	SCI	HEDULE -	PAT	CHIN	G
RAMP	C	(NORTHBO	UND	OFF	RAMP

		117-11-11 C (14	OKTIBOOND	011 1(7(1)11)							
		OFF RAMP									
LOCATION	PATCH	CLAS	S B	DOWEL	SAW	WELDED	TIE				
LOCATION	LENGTH	TYPE II	TYPE IV	BARS	CUTS	WIRE	BARS				
		10"	10"	1 1/2"		REINF.	3/4"				
LOG MILE	(FT)	SQ YD	SQ YD	EACH	FOOT	SQ YD	EACH				
0.18	6	11		28	60						
0.21	6	11		28	60						
0.23	6	11		28	60						
0.26	40		71	28	128	71	20				
0.28	6	11		28	60						
0.29	6	11		28	60						
0.29	6	11		28	60						
0.32	6	11		28	60						
0.33	6	11		28	60						
0.34	6	11		28	60						
TOTALS		99	71	280	668	71	20				

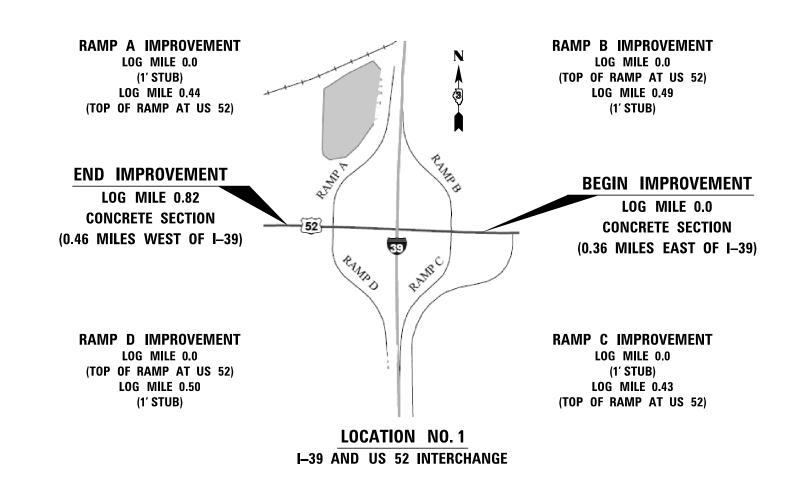
SCHEDULE - PATCHING RAMP D (SOUTHBOUND ON RAMP)

	ON RAMP									
LOCATION	PATCH	CLAS	S A	PATCH	SAW	TIE				
LOCATION	LENGTH	TYPE II	TYPE IV	REINF.	CUTS	BARS				
		10"	10"			3/4"				
LOG MILE	FEET	SQ YD	SQ YD	SQ YD	FOOT	EACH				
0.28	6	11		11	44	42				
0.29	6	11		11	44	42				
0.29	6	11		11	44	42				
0.30	6	11		11	44	42				
0.31	75		133	133	182	79				
TOTALS		44	133	177	358	247				

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		PLOT SCALE = 100.0000'/in.	CHECKED	-	EP	REVISED -
	Default	PLOT DATE = 8/20/2018	DATE	-	08/17/2018	REVISED -

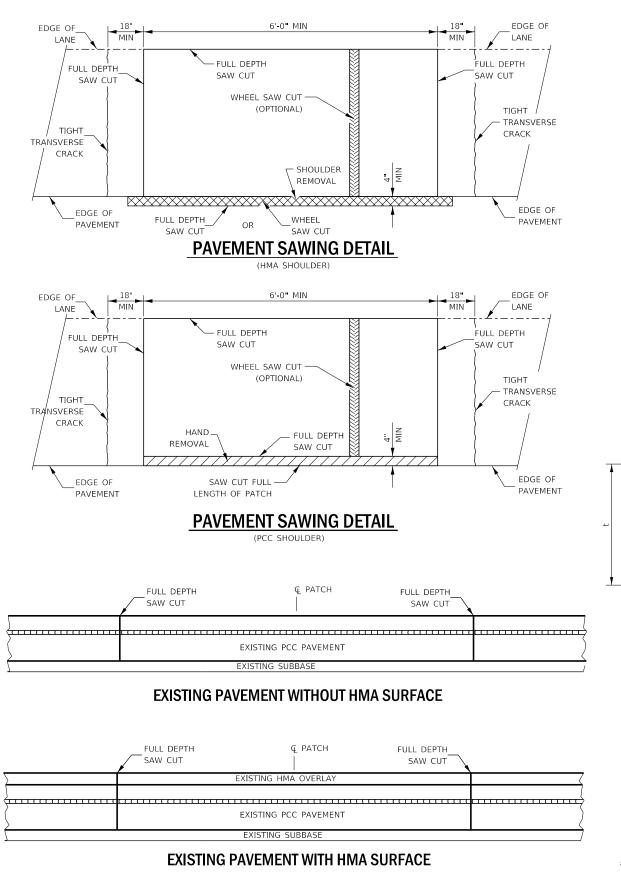
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

		5	SCH	IEDULE	:S				F.A.I. SECTION COUNT					TOTAL SHEETS	SHEET NO.	
H39 AND US 52 INTERCHANGE								39	(50-	-16)	(& PP		LASALLE	13	7	
FOS AND US SZ INTERMINAL													CONTRAC	CT NO. 6	6J57	
SCALE:	SHEET 2	OF	2	SHEETS	STA.		TO STA.	LUNOIS FED AID PROJECT								



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	Default	PLOT DATE = 8/20/2018	DATE -	08/17/2018	REVISED -

			TION 8			F.A.I. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEE NO.
LOCATION MAP				39	(50-6)K & PP		LASALLE	13	8		
								CONTRAC	T NO. 6	6J57	
	SHEET 1	OF 1	SHEETS	STA.	TO STA.		ILLINO	IS FED	. AID PROJECT		



PAVEMENT SAWING DETAIL FOR CLASS A PATCHING

(CRC PAVEMENT)

Offices\District 3\Projects\D366J57\CADData\66J57

DESIGNED - RW

DRAWN - RW

- 08/17/2018

REVISED -

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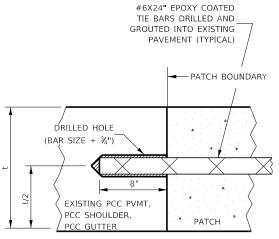
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- SHOULDER REMOVAL TRANSVERSE REBAR SHALL EXTEND TO OUTER LONGITUDINAL REBAR -WHILE PROVIDING A MINIMUM 3" CLEARANCE FROM EXISTING PAVEMENT EDGE PAVEMENT REINFORCEMENT DETAIL

* NO. 6 TRANSVERSE BAR SHALL BE

TIED TO LONGITUDINAL BAR.



EDGE OF_

LONGITUDINAL CONSTRUCTION JOINT

PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, PCC SHOULDERS OR PCC CURB AND GUTTER WITH #6x24" EPOXY COATED TIE BARS AT 36" CENTERS.

NOTES:

EXISTING LONGITUDINAL REINFORCEMENT SPACING: 61/21

SPACING OF NEW LONGITUDINAL REINFORCEMENT AND NEW LONGITUDINAL TIE BARS SHALL MATCH SPACING OF EXISTING REINFORCEMENT AND SHALL BE TIED TOGETHER WITH A MINIMUM OF TWO TIES PER BAR.

- * EVERY THIRD 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 s_1 and s_2 are 2½" min. and 12" max.

#6 REINFORCEMENT BARS AT 12" CTS PATCH REINFORCEMENT FULL DEPTH FULL DEPTH -SAW CUT SAW CUT 22" MIN LAP _2"_MIN_CL 8′′ — SUPPORT CHAIR PATCH (TYP) (TYP.) **EXISTING** EXISTING PAVEMENT **PAVEMENT** EXISTING STABILIZED SUB-BASE #6X32" EPOXY COATED

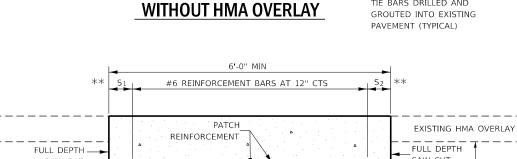
#6X32" EPOXY COATED TIE BARS. DRILLED

-AND GROUTED INTO EXISTING PAVEMENT

TIE BARS DRILLED AND

PAVEMENT (TYPICAL)

(TYPICAL).



SAW CUT SAW CUT 2" MIN. CL 8′′ - SUPPORT CHAIR 22" MIN LAP EXISTING (TYP.) EXISTING PAVEMENT **PAVEMENT** EXISTING STABILIZED SUB-BASE #6X32" EPOXY COATED TIE BARS DRILLED AND WITH HMA OVERLAY GROUTED INTO EXISTING

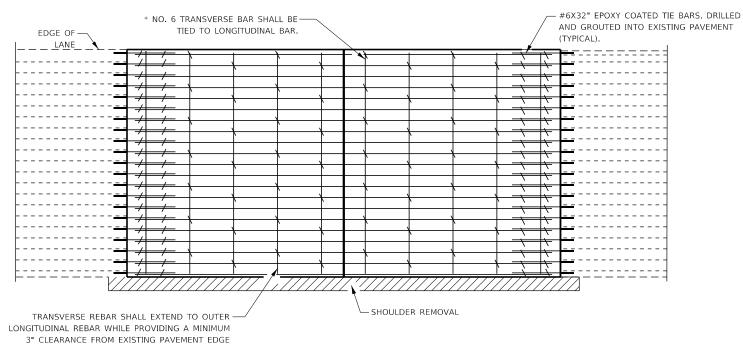
PATCHING DETAIL FOR CLASS A PATCHING (CRC PAVEMENT)

01.4	00 4 5		2 DET 4		F.A.I. RTE	SECTION		COUNTY	TOTAL SHEETS	SHE
CLASS A PATCHING DETAILS			ILS	39	(50-6)K & PP		LASALLE	13	9	
								CONTRAC	CT NO. 6	6J57
SHEET 1	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED AID PROJECT					

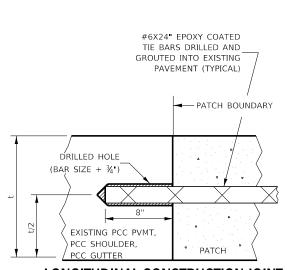
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TRANSVERSE EXPANSION JOINTS

EXISTING PAVEMENT

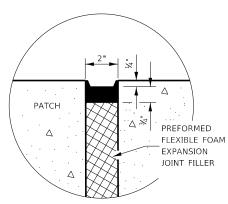


PAVEMENT REINFORCEMENT DETAIL



LONGITUDINAL CONSTRUCTION JOINT

PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, PCC SHOULDERS OR PCC CURB AND GUTTER WITH #6x24" EPOXY COATED TIE BARS AT 36" CENTERS.



6'-0" MIN 6'-0" MIN PATCH EXISTING PATCH HMA SURFACE SEE SEALING DETAILS HMA SURFACE REINFORCEMENT 2" MIN CL FULL DEPTH ___ FULL DEPTH SAW CUT SAW CUT SUPPORT 4 CHAIR 8′′ 22" MIN LAP 2" MIN CL (TYP.) EXISTING EXISTING (TYP) ₫ PAVEMENT PAVEMENT EXISTING STABILIZED SUB-BASE #6X32" EPOXY COATED TIE BARS DRILLED AND WITH HMA OVERLAY GROUTED INTO EXISTING PAVEMENT (TYPICAL)

12'-0" MIN

6'-0" MIN

PATCH-

REINFORCEMENT

22" MIN LAP

4 (TYP)

FULL DEPTH _

SAW CUT

2" MIN CL

EXISTING

PAVEMENT

6'-0" MIN

SEE SEALING DETAILS

2" MIN CL

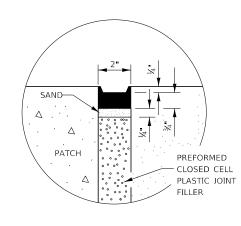
PATCH

EXISTING STABILIZED SUB-BASE

WITHOUT HMA OVERLAY

CLASS A PATCH WITH EXPANSION JOINT

SEALING DETAIL



SEALING DETAIL

SCALE:

NOTES:

EXISTING LONGITUDINAL REINFORCEMENT SPACING; $\pm 6\frac{1}{4}$ ".

FULL DEPTH

SAW CUT

(TYP.)

#6X32" EPOXY COATED TIE BARS DRILLED AND

GROUTED INTO EXISTING PAVEMENT (TYPICAL)

SPACING OF NEW LONGITUDINAL REINFORCEMENT AND NEW LONGITUDINAL TIE BARS SHALL MATCH SPACING OF EXISTING REINFORCEMENT AND SHALL BE TIED TOGETHER WITH A MINIMUM OF TWO TIES PER BAR.

SUPPORT CHAIRS SHALL BE REQUIRED WHENEVER PATCH LENGTH EXCEEDS 6'-0"

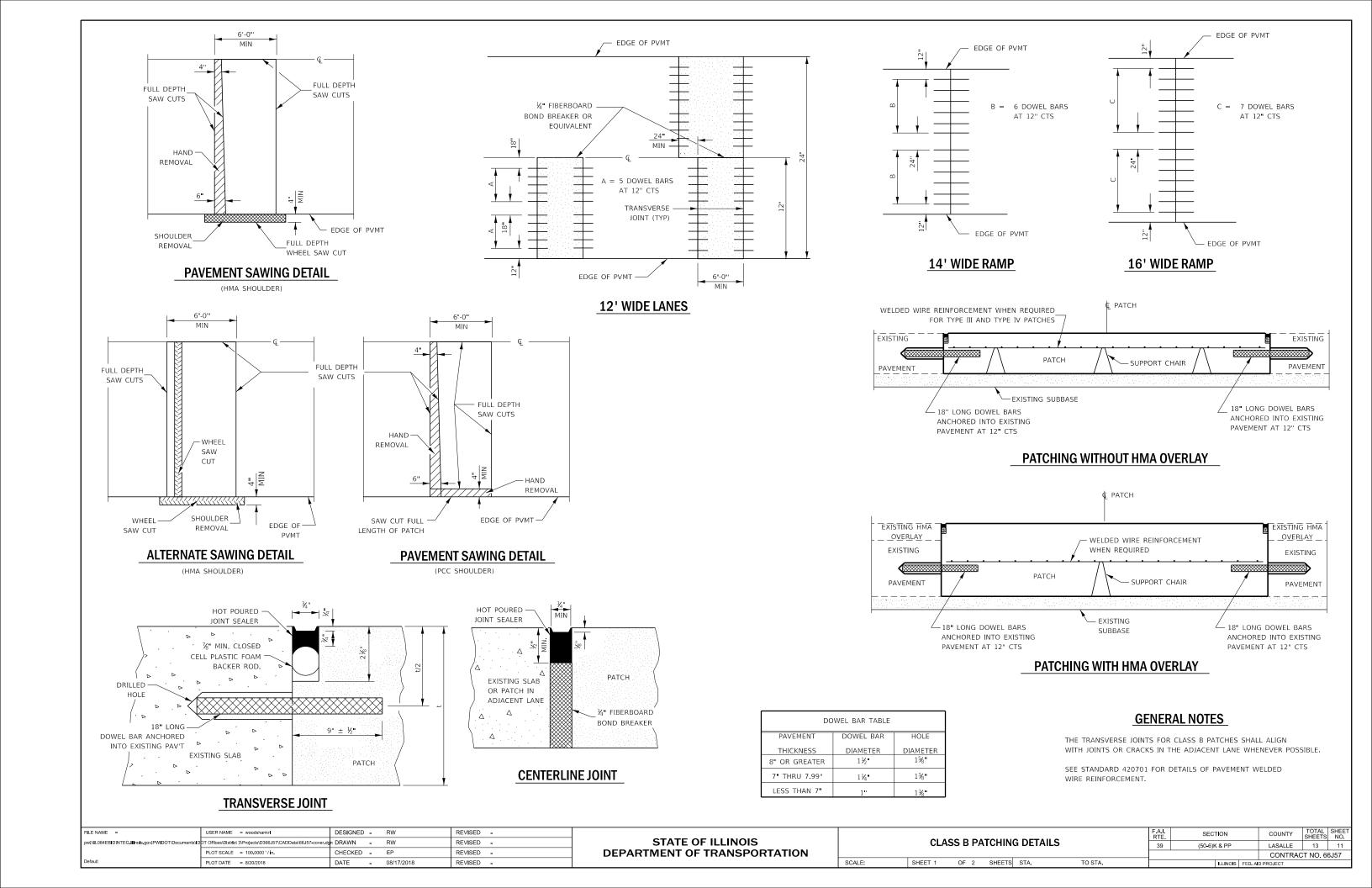
* EVERY THIRD INTERSECTION MUST BE TIED. WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP, THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.

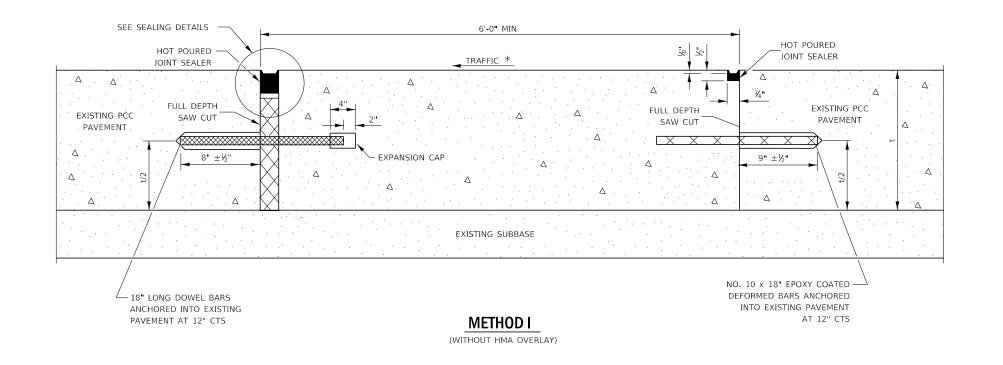
** VARIABLES WHERE $\rm S_1$ AND $\rm S_2$ ARE $\rm 2\frac{1}{2}$ " MIN. AND 12" MAX.

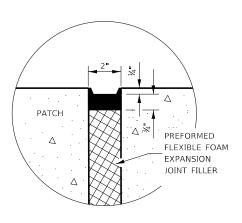
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

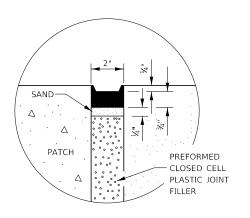
					F.A.I. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
CLA	SS A PA	ATCHING	G DETAILS	;	39	(50-6)K & PP		LASALLE	13	10		
								CONTRAC	CT NO. 6	6J57		
CHEET 3	OF 3	CHEETC	CT A	TO OTA								







SEALING DETAIL



SEALING DETAIL

NOTE

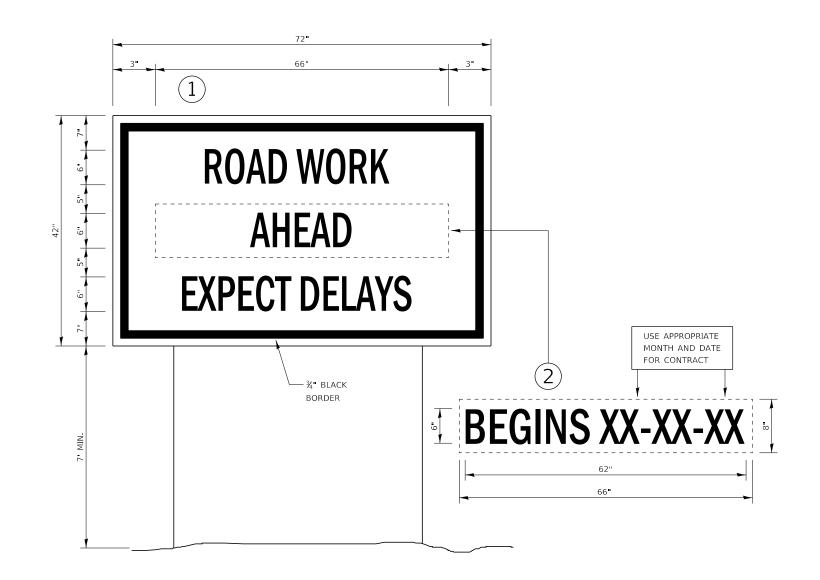
* WHEN RE-ESTABLISHING A TRANSVERSE EXPANSION JOINT ON A TWO-WAY ROAD, REVERSE THE ORIENTATION OF THE DOWEL BARS WITH RESPECT TO TRAFFIC FOR ONE OF THE PATCHES SUCH THAT THE JOINT WILL BE CONTINUOUS ACROSS BOTH LANES.

	-	6'-0" MIN	→
		▼ TRAFFIC *	HOT POURED JOINT SEALER
VARIES	2" JOINT FILLER A FULL DEPTH SAW CUT EXISTING PCC PAVEMENT A B" ±½ A	A A A A A A A A A A A A A A A A A A A	Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ
	18" LONG DOWEL BARS ANCHORED INTO EXISTING PAVEMENT AT 12" CTS	METHOD II_ (WITH HMA OVERLAY)	NO. 10 x 18" EPOXY COATED DEFORMED BARS ANCHORED INTO EXISTING PAVEMENT AT 12" CTS

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

OLAGO D DATOUNO DETAILO		F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
CLASS B PATCHING DETAILS		39	(50-6)K & PP	LASALLE	13	12		
				CONTRAC	T NO. 6	6J57		
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TEMPORARY INFORMATION SIGNING

NOTES:

- 1. USE 6" D BLACK LETTERING ON FLUORESCENT ORANGE BACKGROUND.
- ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN()WITH INSTALLED PANEL()A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
- 4. REMOVE PANEL 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 WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

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	PLOT SCALE = 100.0000 '/in.	CHECKED -	EP	REVISED -	DEPARTMENT OF TRANSPORTATION								(*** */** ****		CT NO. 66J5	7
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