

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(50-5,6)PP	LASALLE	22	1
		ILLINOIS	CONTRACT NO. 66R47	

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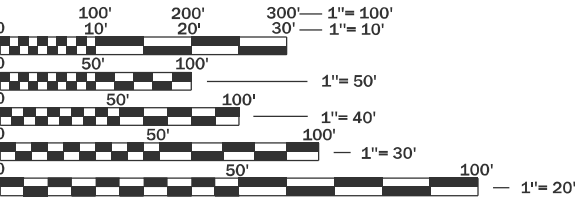
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TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS



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.

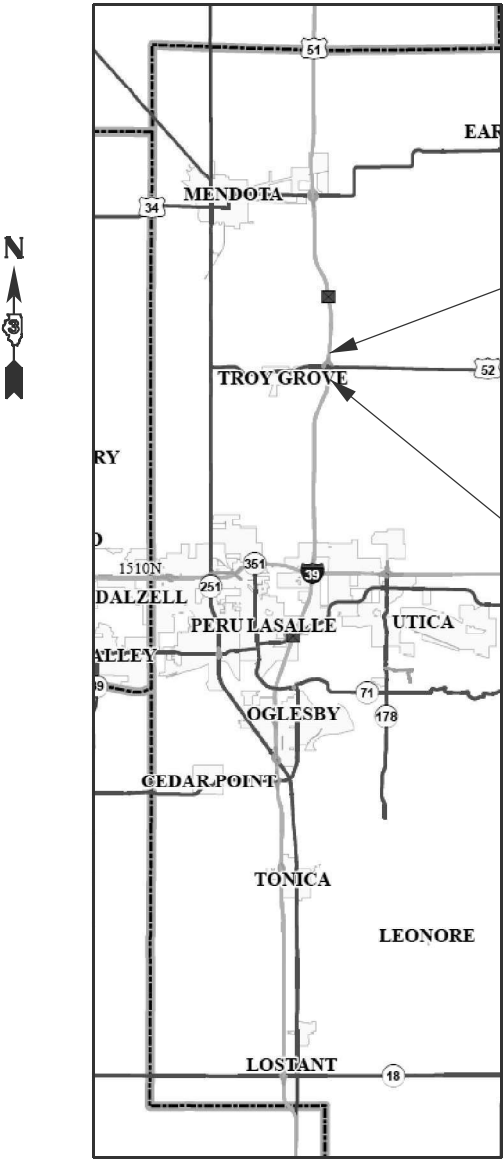
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: JOE KANNEL, P.E.
UNIT CHIEF: Mohamed Yousif
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66R47

PROPOSED
HIGHWAY PLANS

FAI ROUTE 39 (I-39)
SECTION (50-5&6)PP
PAVEMENT PATCHING
AND JOINT REPAIR
LASALLE COUNTY

C-93-106-25



PROJECT END
STA 1428+77

PROJECT START
STA 1381+17

GROSS LENGTH = 8946 FT. = 1.69 MILE
NET LENGTH = 3065 FT. = 0.58 MILE



LOCATION OF SECTION INDICATED THUS: -

FUNCTIONAL CLASSIFICATION
INTERSTATE
ADT=18700
P.V. = 60.5% S.U. 3.1% M.U. = 36.4%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 31, 2025
Trisha Thompson REGIONAL ENGINEER

May 9, 2025
Scott Etk ENGINEER OF DESIGN AND ENVIRONMENT

May 9, 2025
Yousif DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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PLOT DATE = 3/23/2025	DATE -	REVISED +

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
STA.		TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(50-5.6)PP	LASALLE	22	3
		CONTRACT NO. 66R47		
		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE ROADWAY
				0006
				URBAN
X0328523	CROSS STITCHING, 3/4"	EACH	867	867
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	505	505
40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	127	127
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1119	1119
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	12	12
44200549	CLASS A PATCHES, TYPE I, 10 INCH	SQ YD	8	8
44200553	CLASS A PATCHES, TYPE II, 10 INCH	SQ YD	55	55
44200559	CLASS A PATCHES, TYPE IV, 10 INCH	SQ YD	691	691
44213000	PATCHING REINFORCEMENT	SQ YD	754	754
44213200	SAW CUTS	FOOT	3381	3381
44213204	TIE BARS 3/4"	EACH	958	958
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	6	6
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	6	6
63300575	REMOVE AND REERECT RAIL ELEMENT OF EXISTING GUARDRAIL	FOOT	25	25

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(50-5.6)PP	LASALLE	22	4
CONTRACT NO. 66R47				
		ILLINOIS	FED. AID PROJECT	

				CONSTR. CODE
				100% STATE ROADWAY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0006 URBAN
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	21	21
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	70	70
70300100	SHORT TERM PAVEMENT MARKING	FOOT	888	888
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	297	297
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	6808	6808
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	4191	4191
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	11238	11238
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1100	1100
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	33	33
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	33	33

*= SPECIALTY ITEM

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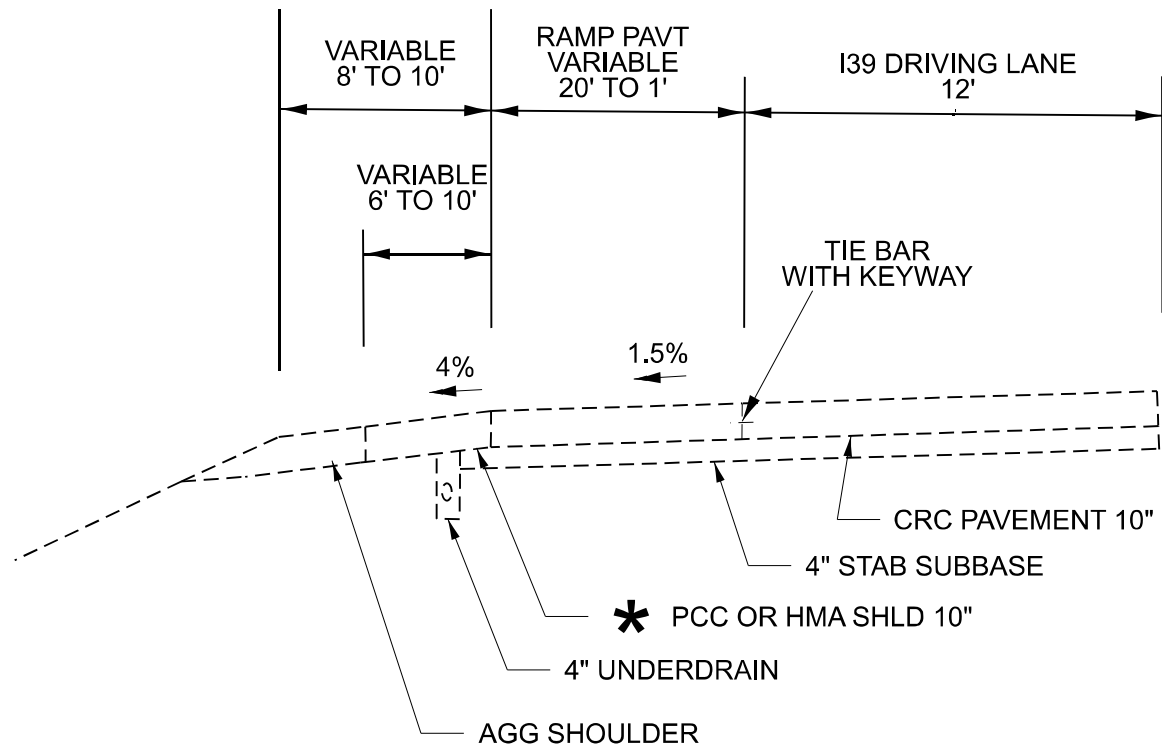
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	PLOT DATE = 3/23/2025	DATE -	REVISED +

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
STA.		TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(50-5.6)PP	LASALLE	22	5
		CONTRACT NO. 66R47		
		ILLINOIS FED. AID PROJECT		

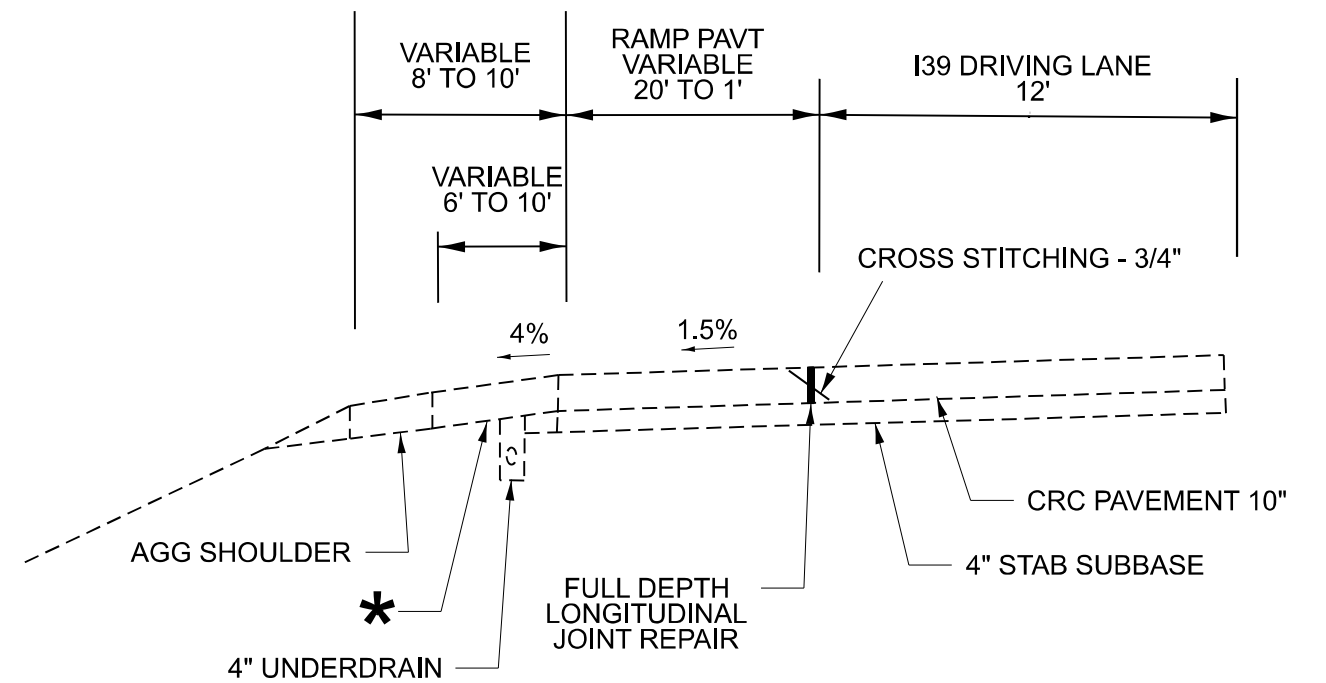
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				ROADWAY
				0006 URBAN
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2104	2104
X4420525	CLASS A PATCH - EXPANSION JOINT	FOOT	104	104
X4421002	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	17	17
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	42	42
Z0033600	LONGITUDINAL JOINT REPAIR	FOOT	1735	1735



EXISTING TYPICAL SECTION
RAMP ENTRANCE/EXIT RAMP TERMINAL

NB EXIT RAMP STA 1383+74 TO 1387+74
NB ENT RAMP STA 1419+27 TO 1428+77
SB EXIT RAMP STA 1421+57 TO 1425+58
SB ENT RAMP STA 1381+15 TO 1390+59

- * NB ENTRANCE RAMP - PCC SHOULDER 10"
SB EXIT RAMP - PCC SHOULDER 10"
SB ENTRANCE RAMP - HMA SHOULDER"
NB EXIT RAMP - HMA SHOULDER"



PROPOSED TYPICAL SECTION
RAMP ENTRANCE/EXIT RAMP TERMINAL

NB EXIT RAMP STA 1383+74 TO 1387+74
NB ENT RAMP STA 1419+27 TO 1428+77
SB EXIT RAMP STA 1421+57 TO 1425+58
SB ENT RAMP STA 1381+15 TO 1390+59

- * NB ENTRANCE RAMP - PCC SHOULDER 10"
SB EXIT RAMP - PCC SHOULDER 10"
SB ENTRANCE RAMP - HMA SHOULDER"
NB EXIT RAMP - HMA SHOULDER"

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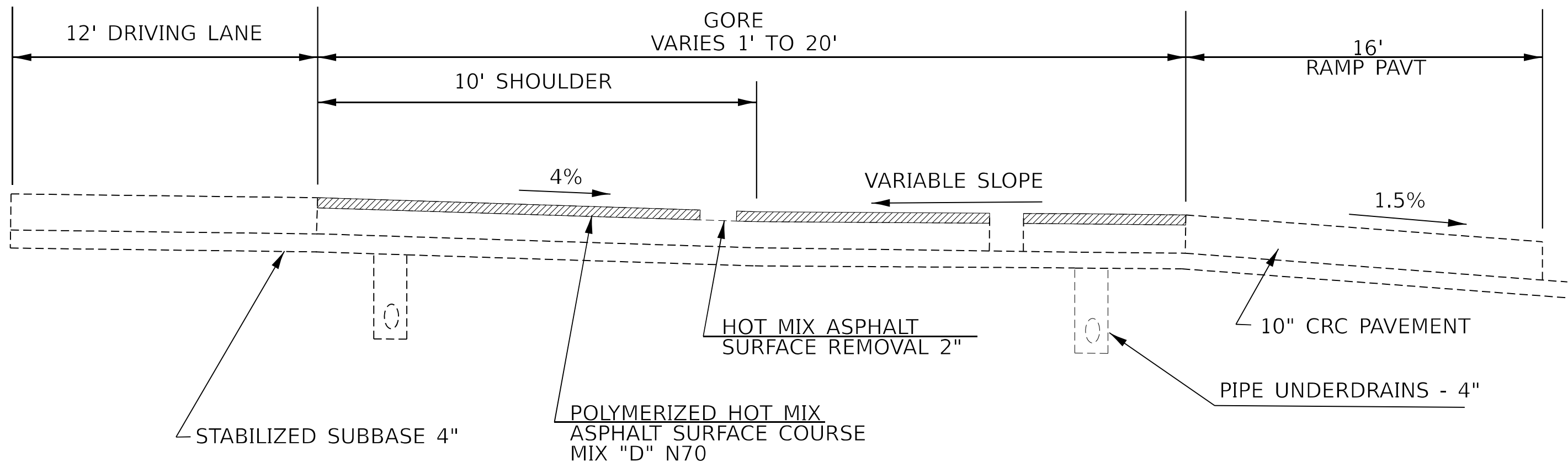
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PLOT DATE = 3/22/2025	DATE - 1/16/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(50-5, 6) PP	LASALLE	22	6
CONTRACT NO. 66R47				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION FOR ENTRANCE/EXIT RAMP GORE

NB EXIT RAMP STA 1383+74 TO 1387+74
NB ENT RAMP STA 1419+27 TO 1428+77
SB EXIT RAMP STA 1421+57 TO 1425+58
SB ENT RAMP STA 1381+15 TO 1390+59

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		DRAWN - RW	REVISED -					39	(50-5, 6) PP	LASALLE	22	7
	PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED -					CONTRACT NO. 66R47				
	PLOT DATE = 3/25/2025	DATE - 1/16/2024	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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HOT MIX ASPHALT SCHEDULE				
LOCATION	AREA	HMA SURFACE REMOVAL 2 INCH	POLY HMA SURFACE COURSE 1L 9.5 MIX "D" N70	BITUMINOUS MATERIALS TACK COAT
	SQ YD	SQ YD	TON	POUND
NORTHBOUND EXIT RAMP GORE	380	380	43	171
NORTHBOUND ENTRANCE RAMP GORE	185	185	21	84
SOUTHBOUND EXIT RAMP GORE	372	372	42	168
SOUTHBOUND ENTRANCE RAMP GORE	182	182	21	82
TOTAL		1119	127	505

CLASS A PATCHING SCHEDULE													
LOCATION						CLASS A PATCHING					TIE BARS 3/4"		CLASS A PATCH - EXPANSION JOINT
						TYPE I 10 INCH	TYPE II 10 INCH	TYPE IV 10 INCH			#6	#8	
STA.	TO	STA.	LENGTH	WIDTH	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	SQUARE YARD	EACH	EACH	FOOT
NORTHBOUND EXIT RAMP													
1383+74		1386+73	299	VARIES	196			196	930	196	149	6	
1386+73		1387+77	104	VARIES	53			53	330	53	102	3	
1387+10		1387+16	6	10	7		7		48	7		18	
1387+10		1387+16	6	6	4	4			36	4		10	
1387+36		1387+76	40	10	44			44	110	44	38	9	10
1387+36		1387+76	40	6	27			27	98	27	38	5	6
NORTHBOUND ENTRANCE RAMP													
1419+20		1419+26	6	10	7		7		48	7		9	10
1419+20		1419+26	6	13	9		9		51	9		12	13
1422+74		1422+80	6	13	9		9		51	9		24	13
SOUTHBOUND EXIT RAMP													
1421+55		1423+97	242	5	134			134	759	134	240		11
1421+55		1421+61	6	10	7		7		51	7		9	12
1421+55		1422+16	51	10	68			68	216	68	59	9	13
1421+55		1422+16	51	6	41			41	158	41		6	
1423+97		1425+62	165	VARIES	128			128	360	128	163	5	
SOUTHBOUND ENTRANCE RAMP													
1387+10		1387+16	6	13	9		9		57	9	2	24	
1390+51		1390+57	6	10	7		7		48	7	2	9	10
1390+51		1390+57	6	6	4	4			30	4	2	5	6
TOTAL						8	55	691	3381	754	958		104

	USER NAME = Cassandra.Nolasco	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES				F&I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -						39	(50-5.6)PP	LASALLE	22	8
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	PLOT DATE = 3/25/2025	DATE - 1/16/2024	REVISED -		SHEET 1 OF 1 SHEETS				ILLINOIS FED. AID PROJECT				
						STA.				TO STA.			

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GUARDRAIL SCHEDULE				
LOCATION			OFFSET	REMOVE & REERECT RAIL ELEMENT OF EXISTING GUARDRAIL
STA.	TO	STA.		FOOT
NORTHBOUND ENTRANCE RAMP GORE				
1419+16		1419+29	98' RIGHT	12.5
SOUTHBOUND EXIT RAMP GORE				
1421+53		1421+66	100' LEFT	12.5
TOTAL				25

PARTIAL DEPTH PATCHING SCHEDULE						
			LANE	LENGTH	WIDTH	PARTIAL DEPTH PATCHING (SPECIAL)
STA.	TO	STA.		FT	FT	SQUARE YARD
NORTHBOUND ENTRANCE RAMP						
1419+31		1419+34	DRIVE LANE	3	2	0.7
1422+00		1422+04	DRIVE LANE	4	1	0.4
1422+07		1422+09	DRIVE LANE	2	1	0.2
1422+17		1422+21	RAMP	4	1	0.4
1422+80		1422+85	RAMP	5	1	0.6
1423+10		1423+13	RAMP	3	1	0.3
1424+05		1424+15	RAMP	10	1	1.1
1427+07		1427+11	RAMP	4	1	0.4
SOUTHBOUND ENTRANCE RAMP						
1383+05		1383+13	RAMP	8	1	0.9
1383+19		1383+23	RAMP	4	1	0.4
1383+30		1383+33	RAMP	3	1	0.3
1383+50		1383+58	RAMP	8	1	0.9
1383+67		1383+73	RAMP	6	1	0.7
1384+07		1384+10	RAMP	3	1	0.3
1384+40		1384+45	RAMP	5	1	0.6
1384+60		1384+63	RAMP	3	1	0.3
1384+87		1384+90	RAMP	3	1	0.3
1385+07		1385+21	RAMP	14	1	1.6
1385+24		1385+34	RAMP	10	1	1.1
1385+78		1385+83	RAMP	5	1	0.6
1386+01		1386+14	RAMP	13	1	1.4
1386+70		1386+77	RAMP	7	1	0.8
1387+05		1387+10	RAMP	5	1	0.6
1387+22		1387+25	RAMP	3	1	0.3
1387+28		1387+30	RAMP	2	1	0.2
1387+44		1387+48	RAMP	4	1	0.4
1388+04		1388+06	RAMP	2	1	0.2
1388+14		1388+17	RAMP	3	1	0.3
1389+13		1389+21	RAMP	8	1	0.9
TOTAL						17

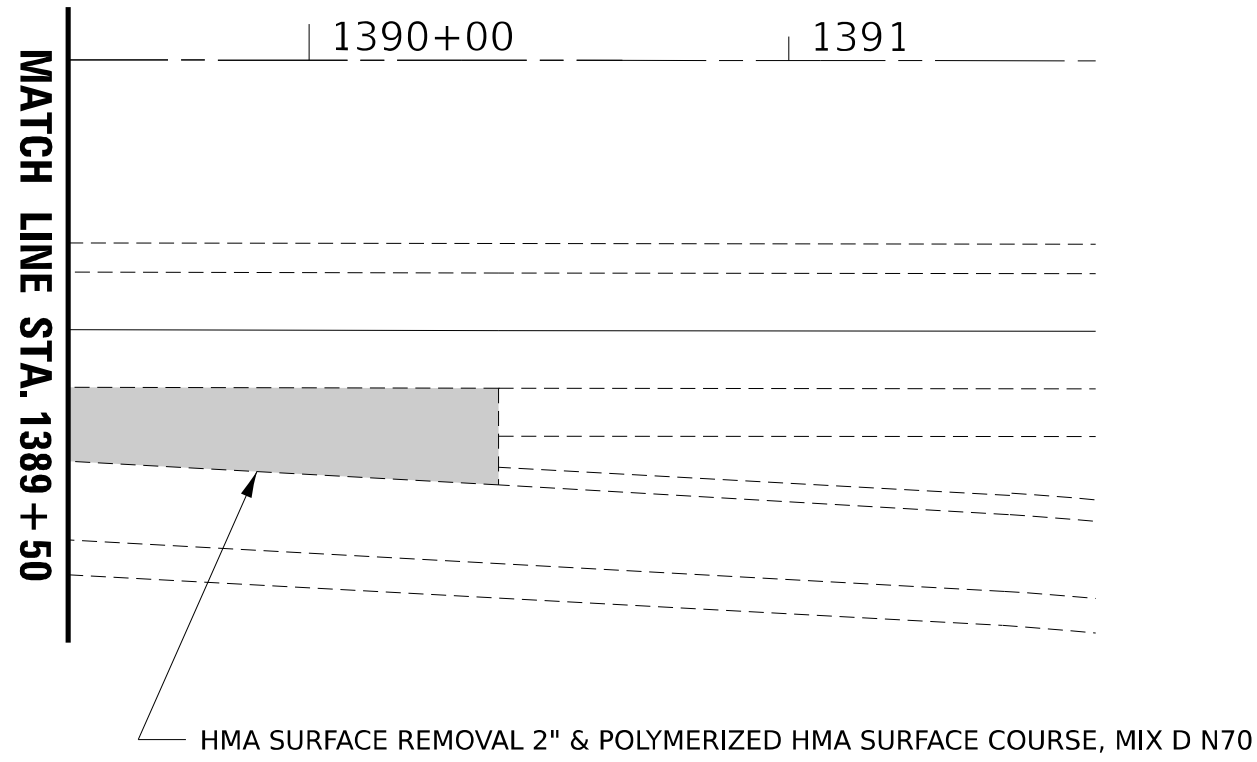
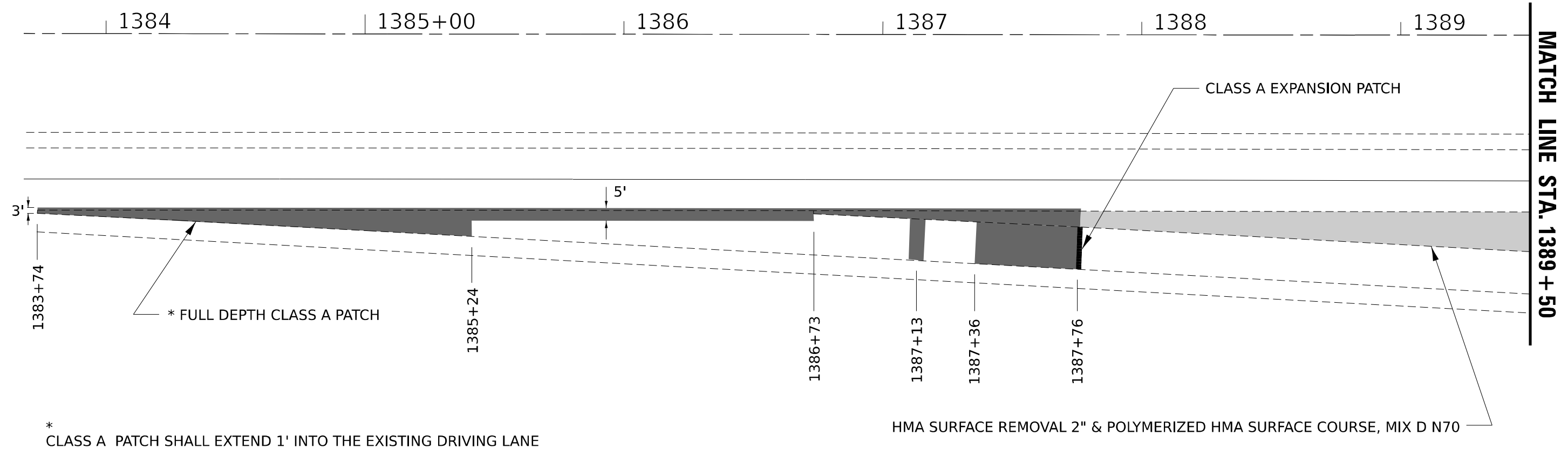
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		DRAWN - RW	REVISED -					39	(50-5.6)PP	LASALLE	22	9
	PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED -		SCALE:			CONTRACT NO. 66R47				
	PLOT DATE = 3/25/2025	DATE - 1/16/2024	REVISED -		SHEET 1 OF 2 SHEETS			STA. TO STA.				
								ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE														
LOCATION			COMMENT	LENGTH	MODIFIED URETHANE PAVEMENT MARKING LINE 4"		MODIFIED URETHANE PAVEMENT MARKING LINE 6"	MODIFIED URETHANE PAVEMENT MARKING LINE 8"	MODIFIED URETHANE PAVEMENT MARKING LINE 12"	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER	PAVEMENT MARKING REMOVAL WATER BLASTING	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL
					(2 APPLICATIONS)	(2 APPLICATIONS)	(2 APPLICATIONS)	(2 APPLICATIONS)						
STA.	TO	STA.		FOOT	WHITE	YELLOW	FOOT	FOOT	FOOT	EACH	EACH	SQ FT	FOOT	SQ FT
I-39 NORTHBOUND EXIT RAMP														
1383+74		1386+36	GORE	262.5			525		132				52	17
1386+36		1390+40	GORE	404	808				1616	550	20	20	541	80 27
NORTHBOUND ENTRANCE RAMP														
1417+10		1421+60	GORE	450	900				1800			603	135	45
1421+60		1428+77	GORE	717	1434		1434		358				215	72
SOUTHBOUND EXIT RAMP														
1418+89		1422+95	GORE	406	812		812		1624	550			122	41
1422+95		1425+58	GORE	263	526				1052		13	13	352	26 9
SOUTHBOUND ENTRANCE RAMP														
1381+15		1388+25	GORE	710	1420		1420		2840				213	71
1388+25		1392+79	GORE	454	908				1816			608	45	15
TOTAL					6808		4191	11238	1100	33	33	2104	888	297

CURB AND GUTTER SCHEDULE						
LOCATION			OFFSET	COMBINATION CURB & GUTTER REMOVAL	COMBINATION CONCRETE CURB & GUTTER TYPE B-6.06	COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12
STA.	TO	STA.		FOOT	FOOT	FOOT
NORTHBOUND ENTRANCE RAMP GORE						
1419+20		1419+26	98' RIGHT	6	6	
SOUTHBOUND EXIT RAMP GORE						
1421+56		1421+62	100' LEFT	6		6
TOTAL				12	6	6

JOINT REPAIR SCHEDULE					
LOCATION				LONGITUDINAL JOINT REPAIR	CROSS STITCHING 3/4"
STA.	TO	STA.	LENGTH	FOOT	EACH
NORTHBOUND ENTRANCE RAMP					
1419+23		1427+14	791	791	395
SOUTHBOUND ENTRANCE RAMP					
1381+14		1390+58	944	944	472
TOTAL				1735	867

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- CLASS A EXPANSION PATCH
- EXISTING GUARDRAIL
- REMOVE AND RE ERECT GUARDRAIL
- REMOVE AND REPLACE COMB CONC CURB AND GUTTER
- FULL DEPTH CLASS A PATCH
- PARTIAL DEPTH PATCH
- HMA SURFACE REMOVAL 2" & POLYMERIZED HMA SURFACE COURSE, MIX D N70
- JOINT REPAIR/CROSS STITCH

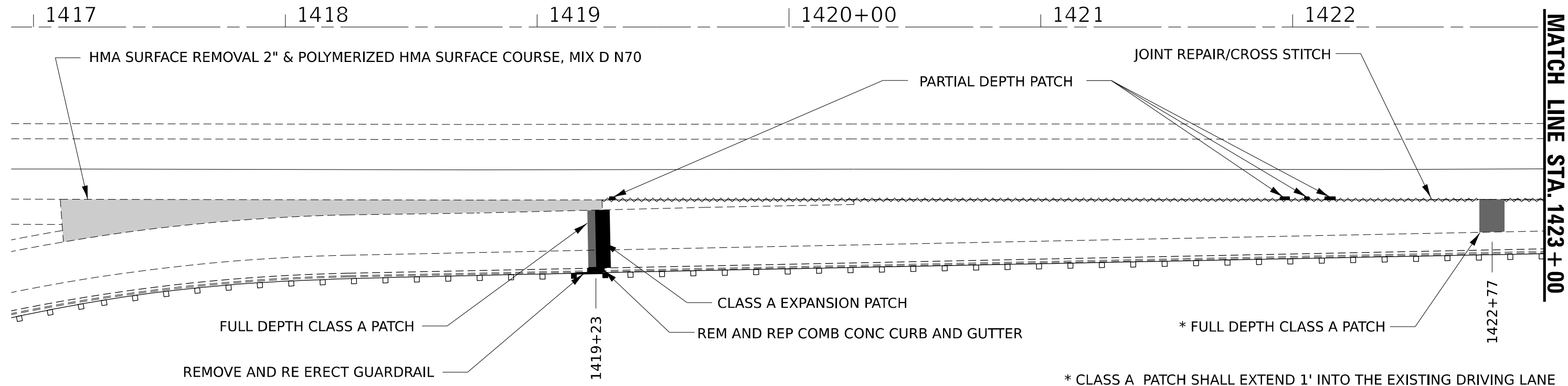
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USER NAME	= Cassandra.Nolasco	DESIGNED	-	REVISED	-
DRAWN	-	REVISION	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= 3/23/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHBOUND EXIT RAMP PLAN SHEET				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(50-5,6)PP	LASALLE	22	11
CONTRACT NO. 66R47				
ILLINOIS FED. AID PROJECT				



CLASS A EXPANSION PATCH

EXISTING GUARDRAIL

REMOVE AND RE ERECT GUARDRAIL

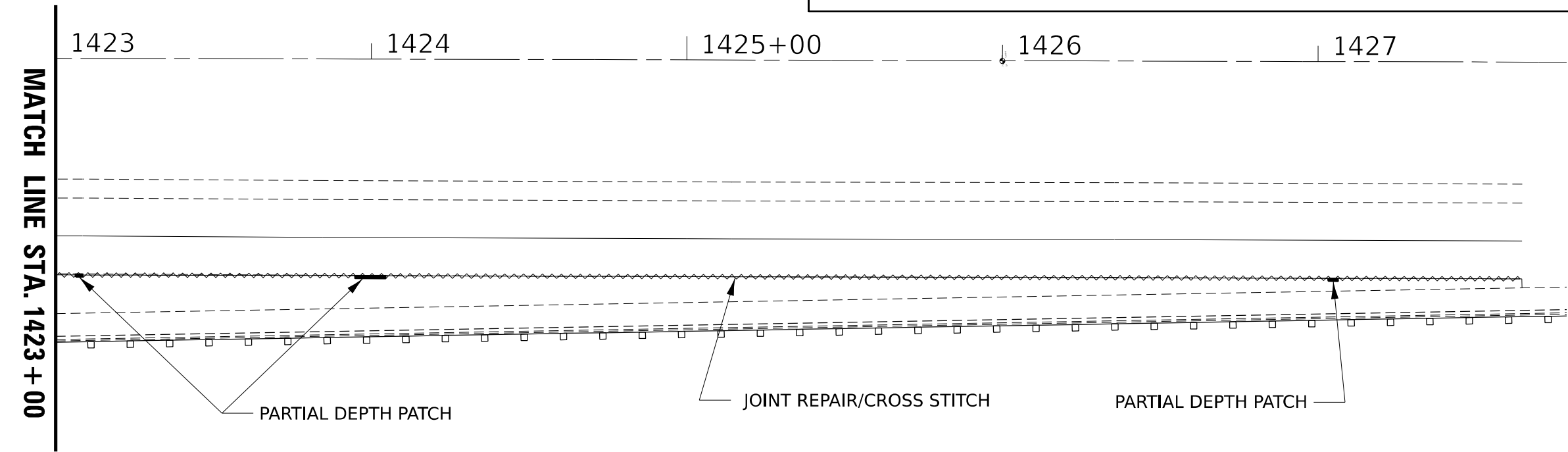
REM AND REP COMB CONC CURB AND GUTTER

JOINT REPAIR/CROSS STITCH

FULL DEPTH CLASS A PATCH

PARTIAL DEPTH PATCH

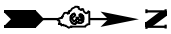
HMA SURFACE REMOVAL 2" & POLYMERIZED HMA SURFACE COURSE, MIX D N70



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	USER NAME = Cassandra.Nolasco	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTHBOUND ENTRANCE RAMP PLAN SHEET				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 3/23/2025	CHECKED -	REVISED -						CONTRACT NO. 66R47				
		DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

* CLASS A PATCH SHALL EXTEND 1' INTO THE EXISTING DRIVING LANE



HMA SURFACE REMOVAL 2" &
POLYMERIZED HMA SURFACE COURSE, MIX D N70

REMOVE AND RE ERECT GUARDRAIL

CLASS A EXPANSION PATCH

REM AND REP
COMB CONC CURB
AND GUTTER

* FULL DEPTH CLASS A PATCH

1421+55

1422+16

5'

MATCH LINE STA. 1423+00

1418

1419

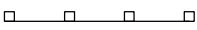
1420+00

1421

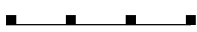
1422



CLASS A EXPANSION PATCH



EXISTING GUARDRAIL



REMOVE AND RE ERECT GUARDRAIL



REM AND REP COMB CONC CURB AND GUTTER



JOINT REPAIR/CROSS STITCH



FULL DEPTH CLASS A PATCH



PARTIAL DEPTH PATCH



HMA SURFACE REMOVAL 2" &
POLYMERIZED HMA SURFACE COURSE, MIX D N70

* CLASS A PATCH SHALL EXTEND 1' INTO THE EXISTING DRIVING LANE

1423+97

5'

3'

1425+62

* FULL DEPTH CLASS A PATCH

1423

1424

1425+00

1426

MATCH LINE STA. 1423+00

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PLOT DATE = 3/25/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

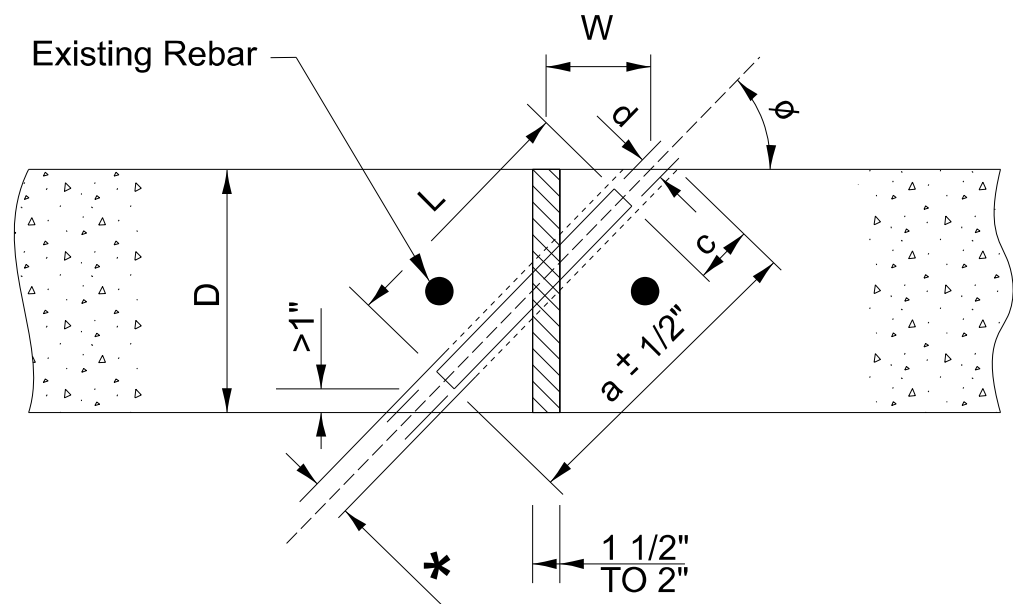
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTHBOUND EXIT RAMP
PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(50-5,6)PP	LASALLE	22	13
CONTRACT NO. 66R47				
ILLINOIS FED. AID PROJECT				



SECTION A-A
TIE BAR INSERTION DETAILS

JOINT REPAIR SEQUENCE

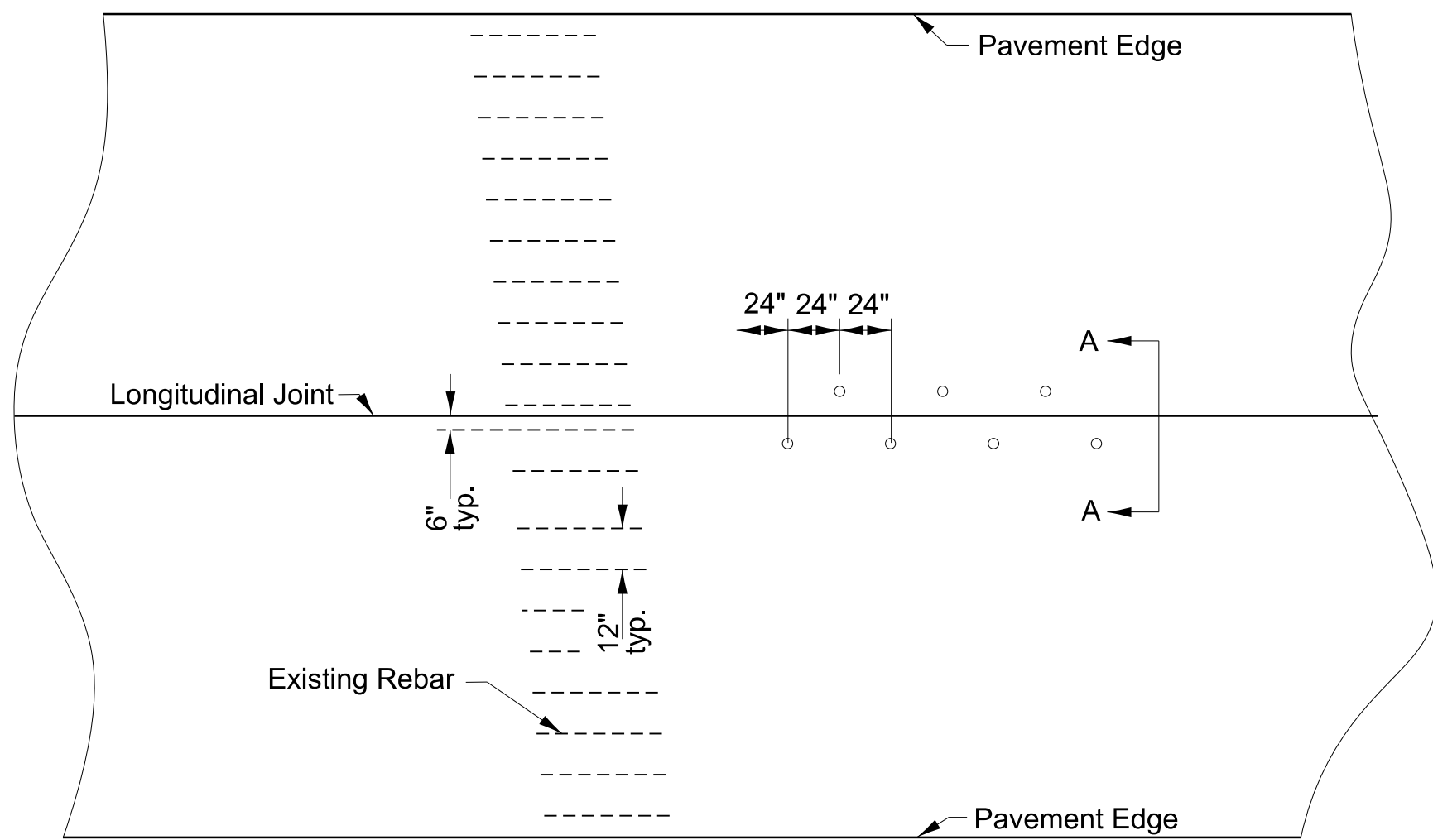
RESIZE JOINT MIN. OF 1 1/2" AND MAX. OF 2" WIDE WITH APPROVED SAW.

PREPARE JOINT AND BACKFILL ACCORDING TO THE SPECIAL PROVISION.

AFTER THE JOINT HAS BEEN BACKFILLED AND 80% OF STRENGTH ACHIEVED, DRILL, CLEAN AND SET EPOXY COATED TIE BARS ACCORDING TO THE PROVIDED DETAIL AND SPECIAL PROVISIONS.

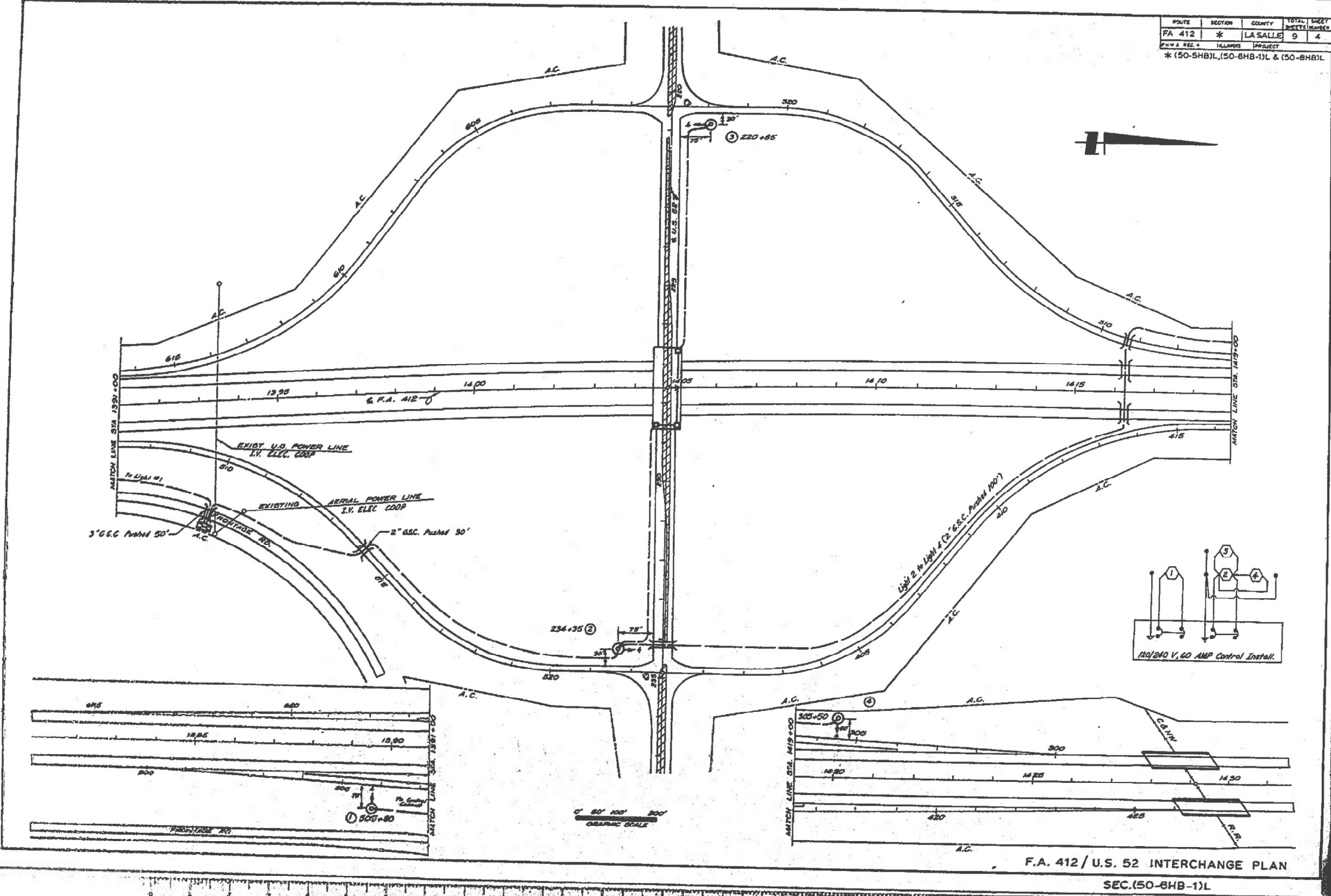
* DRILL DIAMETER SHALL NOT LESS THAN 1/4" LARGER THAN THE TIE BAR DIAMETER AND NO MORE THAN 3/8" LARGER THAN THE TIE BAR DIAMETER

DIMENSIONS FOR TIE BAR INSERTION						
Slab Thickness D (in.)	Angle Φ (deg.)	Offset W (in.)	Bar Diameter d (in.)	Length of Bar L (in.)	Depth of Hole a (in.)	Min.Depth to Bar c (in.)
8.00	35	5.75	0.75	9.00	12.50	3.00
8.50	35	6.00	0.75	9.50	13.00	3.00
9.00	35	6.50	0.75	10.50	14.00	3.00
9.50	35	6.75	0.75	11.50	15.00	3.00
10.00	40	6.00	0.75	11.00	14.00	2.50
10.50	40	6.25	0.75	12.00	15.00	2.50
11.00	40	6.50	0.75	12.50	15.50	2.50
11.50	40	6.75	0.75	13.50	16.50	2.50
12.00	45	6.00	0.75	13.00	15.75	2.25
12.50	45	6.25	0.75	13.50	16.25	2.25
13.00	45	6.50	1.00	14.00	17.00	2.50
13.50	45	6.75	1.00	14.50	17.50	2.50
14.00	45	7.00	1.00	15.50	18.50	2.50
14.50	45	7.25	1.00	16.00	19.00	2.50
15.00	45	7.50	1.00	17.00	20.00	2.50



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FOR INFORMATION ONLY



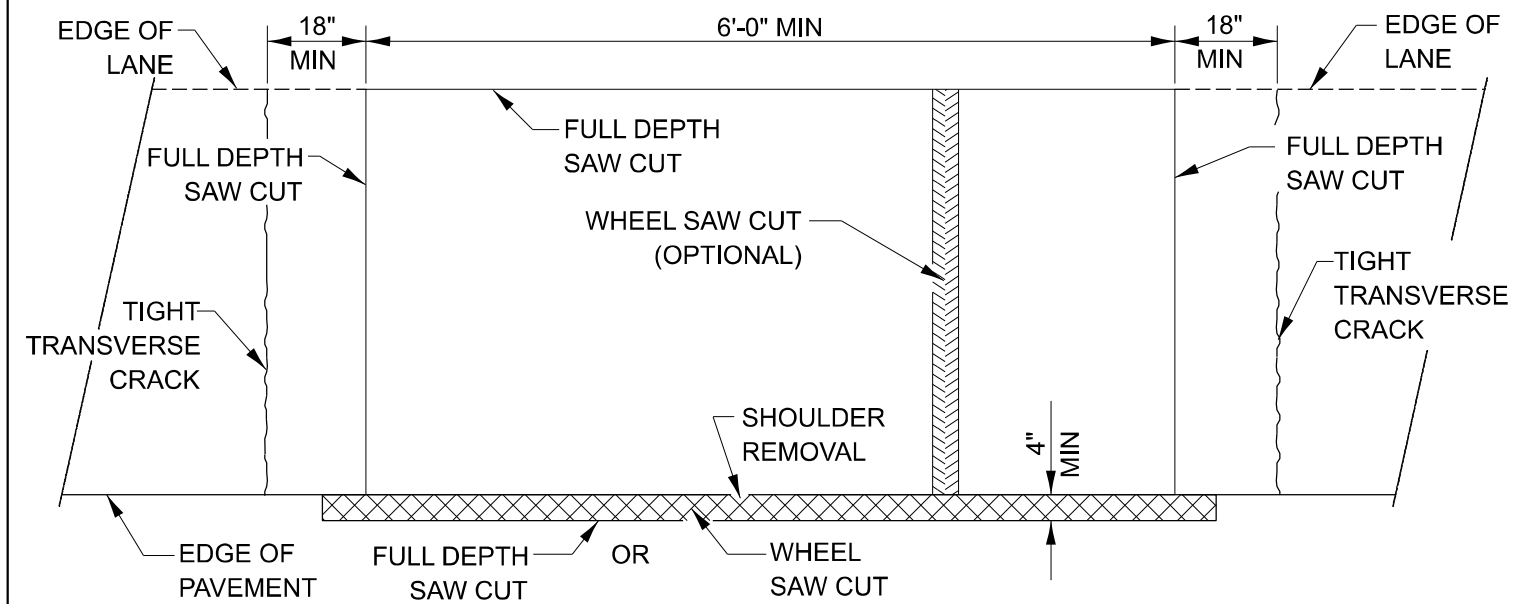
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DRAWN	-	REVIS	-	REVISED	-
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PLOT DATE	= 3/25/2025	DATE	-	REVISED	-

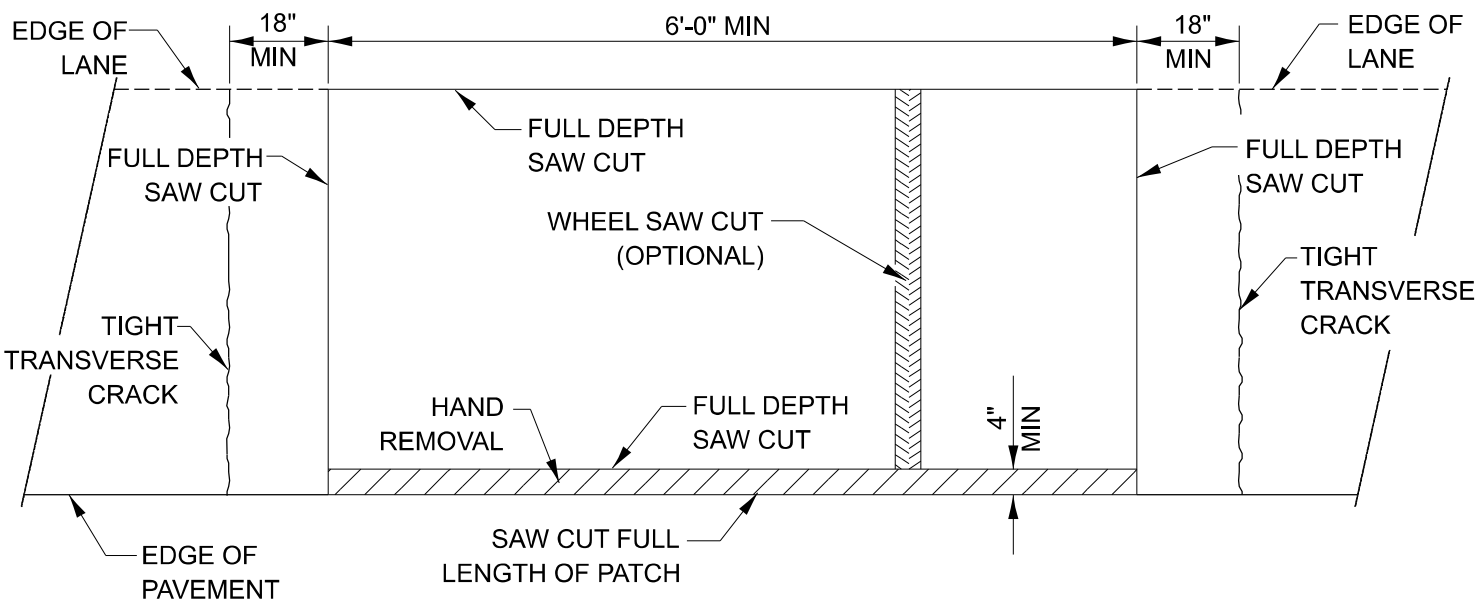
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING LIGHTING		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
39	(50-5,6)PP							

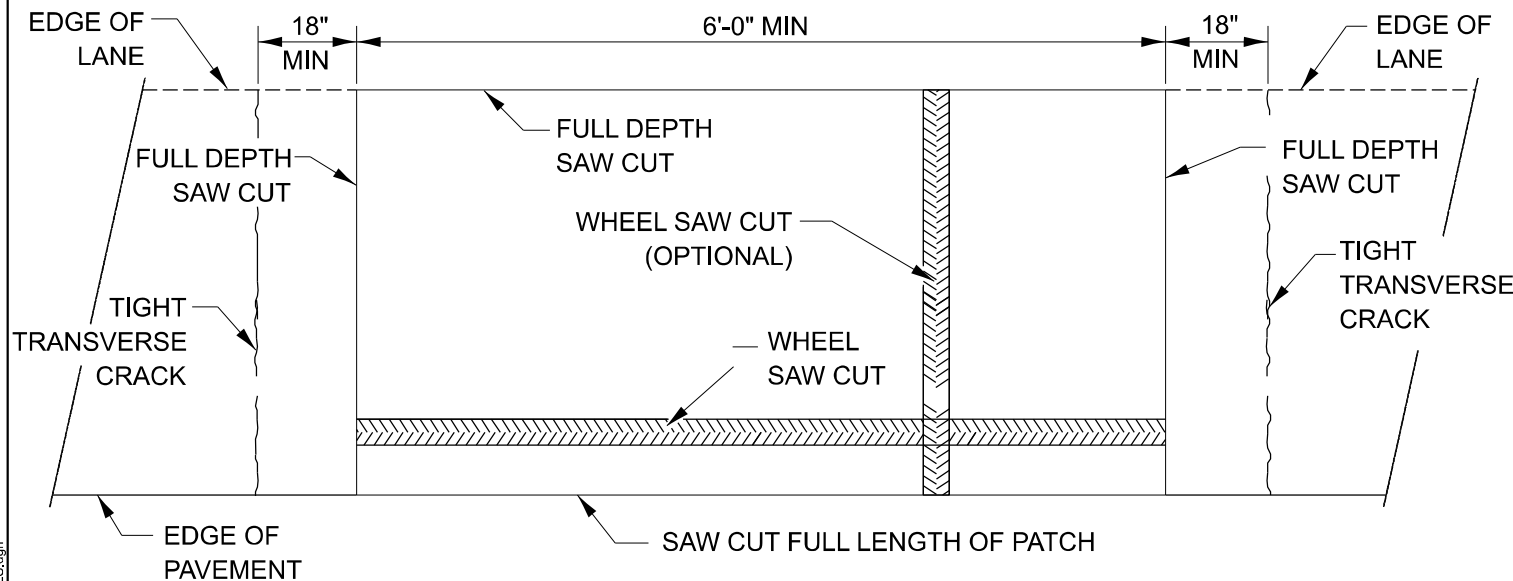
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(50-5,6)PP	LASALLE	22	16
CONTRACT NO. 66R47				
ILLINOIS FED. AID PROJECT				



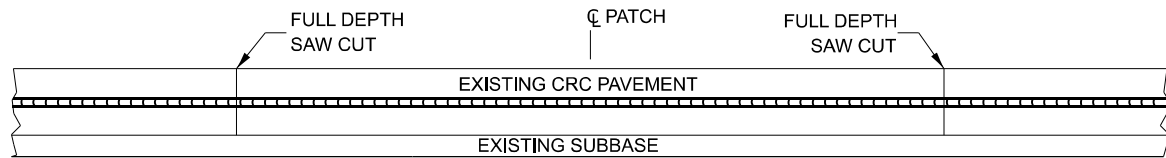
PAVEMENT SAWING DETAIL
(HMA SHOULDER)



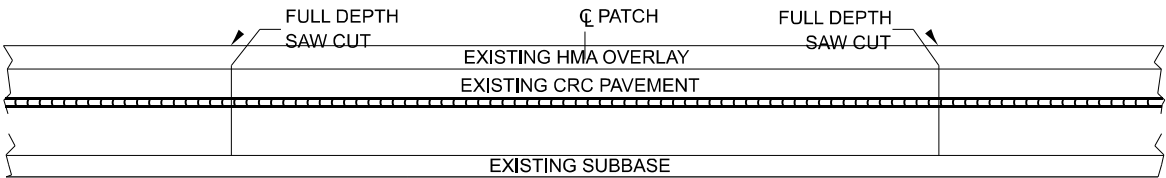
PAVEMENT SAWING DETAIL
(PCC SHOULDER)



ALTERNATE SAWING DETAIL
(PCC SHOULDER)



EXISTING PAVEMENT WITHOUT HMA SURFACE



EXISTING PAVEMENT WITH HMA SURFACE

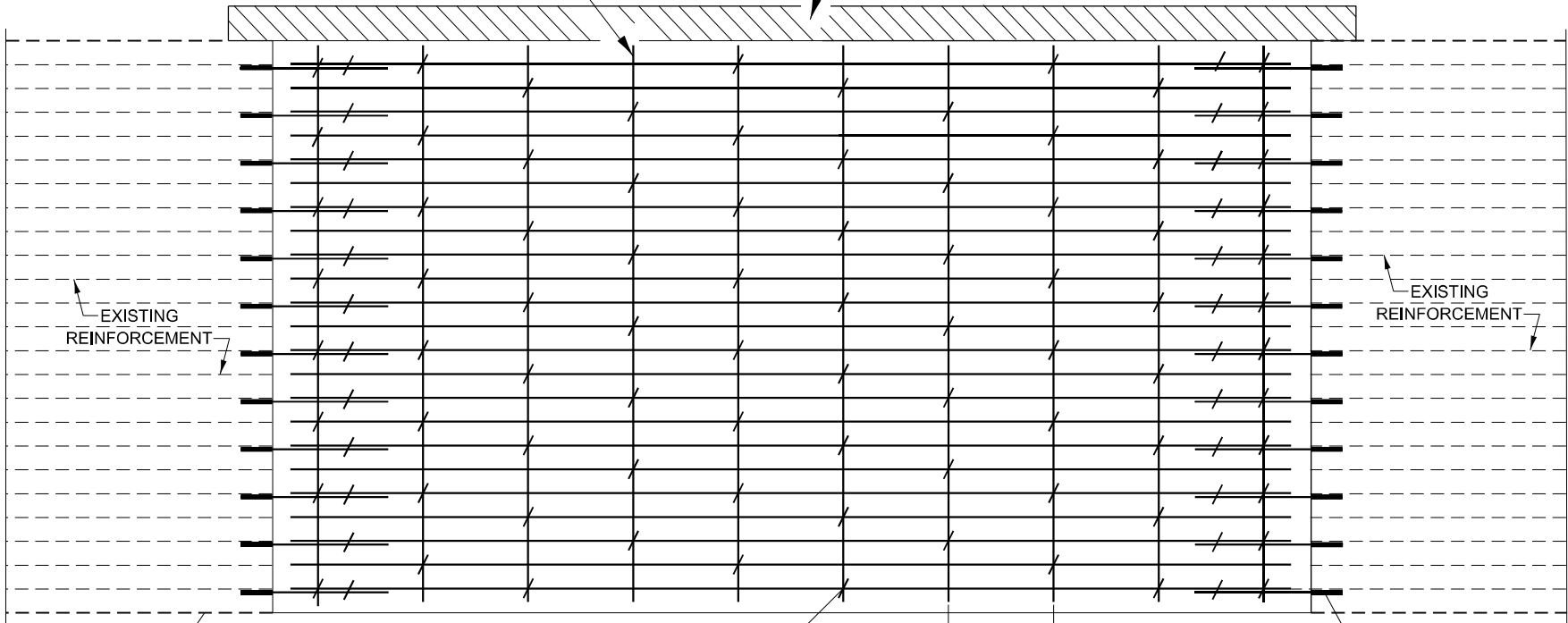
PAVEMENT SAWING DETAIL FOR CLASS A PATCHING
(CRC PAVEMENT)

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	USER NAME = Cassandra.Nolasco	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CLASS A PATCHING DETAILS			F.A.I. RTE. 39	SECTION (50-5.6)PP	COUNTY LASALLE	TOTAL SHEETS 22	SHEET NO. 18
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	PLOT DATE = 3/25/2025	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
								SCALE:	SHEET 1 OF 3 SHEETS	STA.	TO STA.	

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

SHOULDER REMOVAL

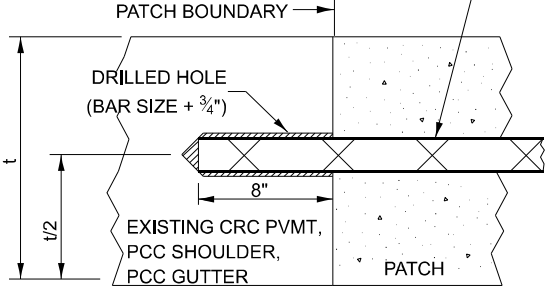


* NO. 6 TRANSVERSE BAR SHALL BE TIED TO LONGITUDINAL BAR.

#8X32" EPOXY COATED TIE BARS. DRILLED AND GROUTED INTO EXISTING PAVEMENT (TYPICAL).

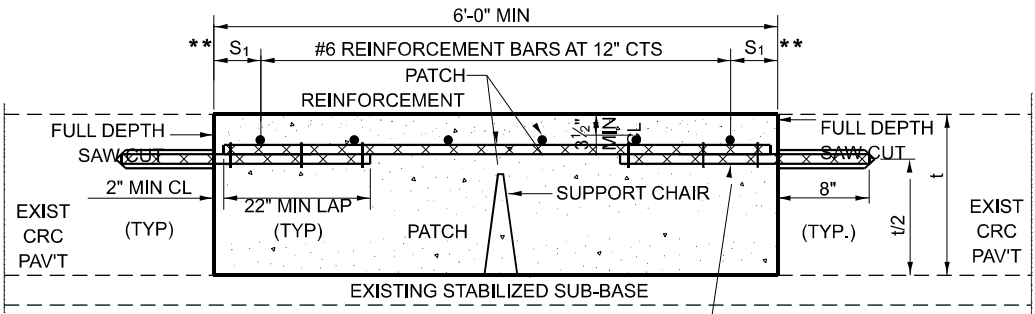
PAVEMENT REINFORCEMENT DETAIL

#6X24" EPOXY COATED TIE BARS DRILLED AND GROUTED INTO EXISTING PAVEMENT (TYPICAL)



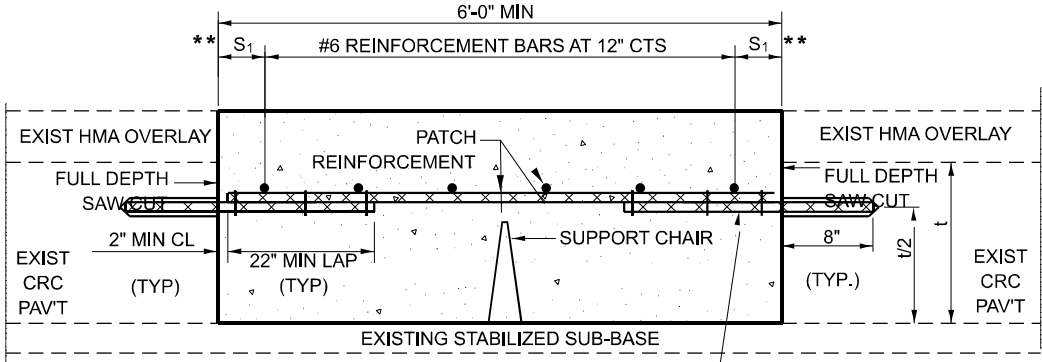
LONGITUDINAL CONSTRUCTION JOINT

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.



WITHOUT HMA OVERLAY

#8X32" EPOXY COATED TIE BARS DRILLED AND GROUTED INTO EXISTING PAVEMENT (TYPICAL)



WITH HMA OVERLAY

#8X32" EPOXY COATED TIE BARS DRILLED AND GROUTED INTO EXISTING PAVEMENT (TYPICAL)

PATCHING DETAIL FOR CLASS A PATCHING (CRC PAVEMENT)

NOTES:
EXISTING LONGITUDINAL REINFORCEMENT:
22 - #5 BARS AT 6 1/2" SPACING.

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

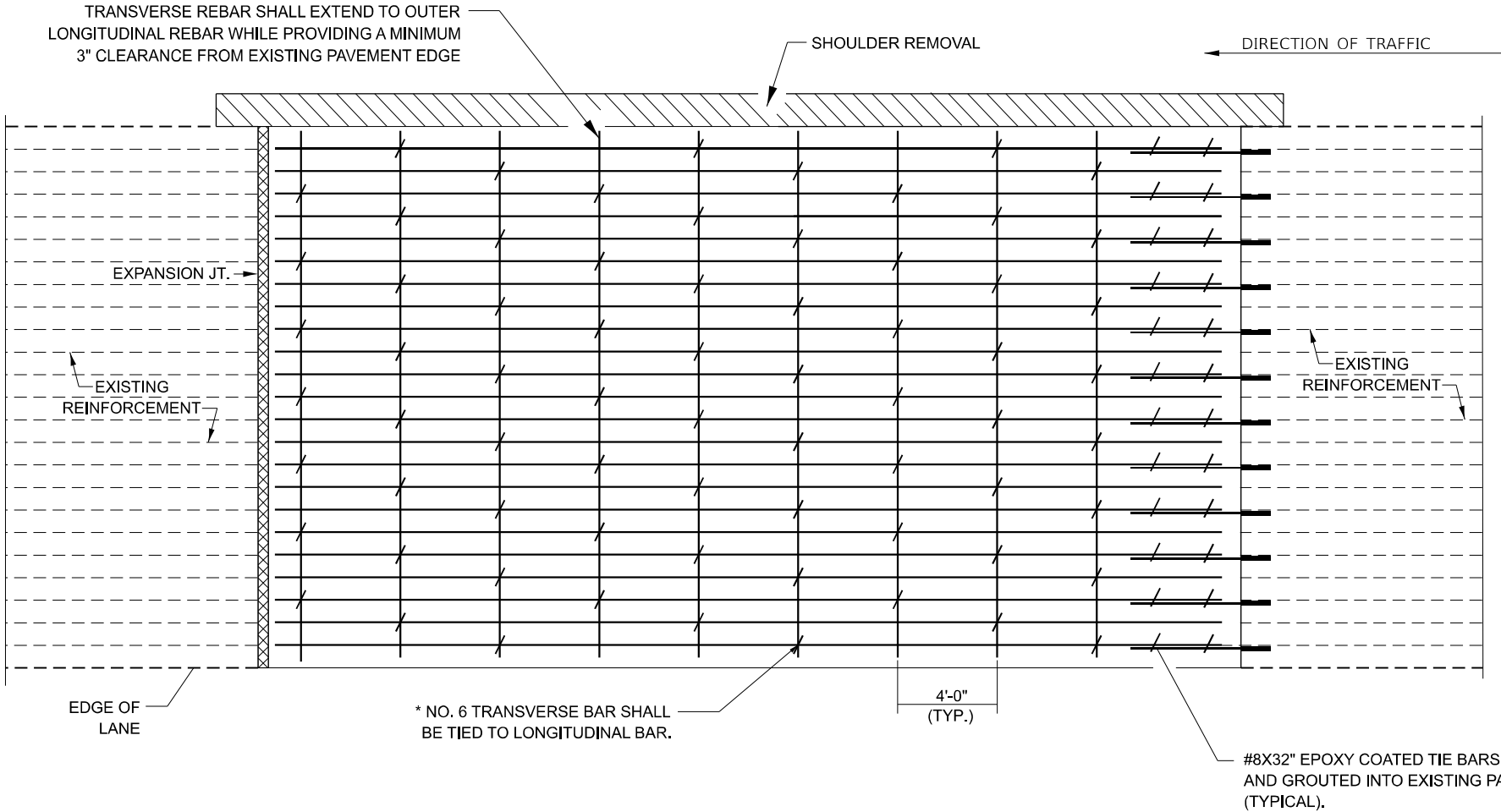
TRANSVERSE CONSTRUCTION JOINTS: #8 X 32" EPOXY COATED TIE BAR SHALL BE DRILLED AND GROUTED INTO THE EXISTING PCC PAVEMENT AT A SPACING OF ± TWICE THE SPACING OF EXISTING LONGITUDINAL REINFORCEMENT BARS AND SHALL BE TIED TO PROPOSED LONGITUDINAL REINFORCEMENT WITH A MINIMUM OF TWO TIES PER BAR WHEN PRACTICAL.

* 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.

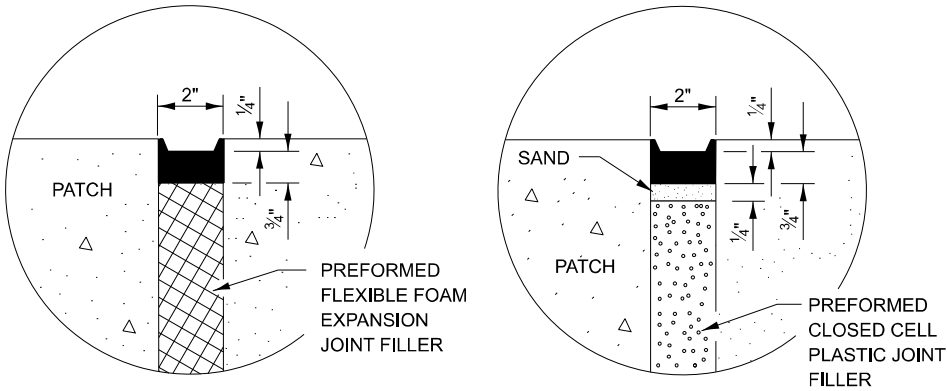
** VARIABLE: WHERE S₁ IS 2 1/2" MIN. AND 12" MAX.

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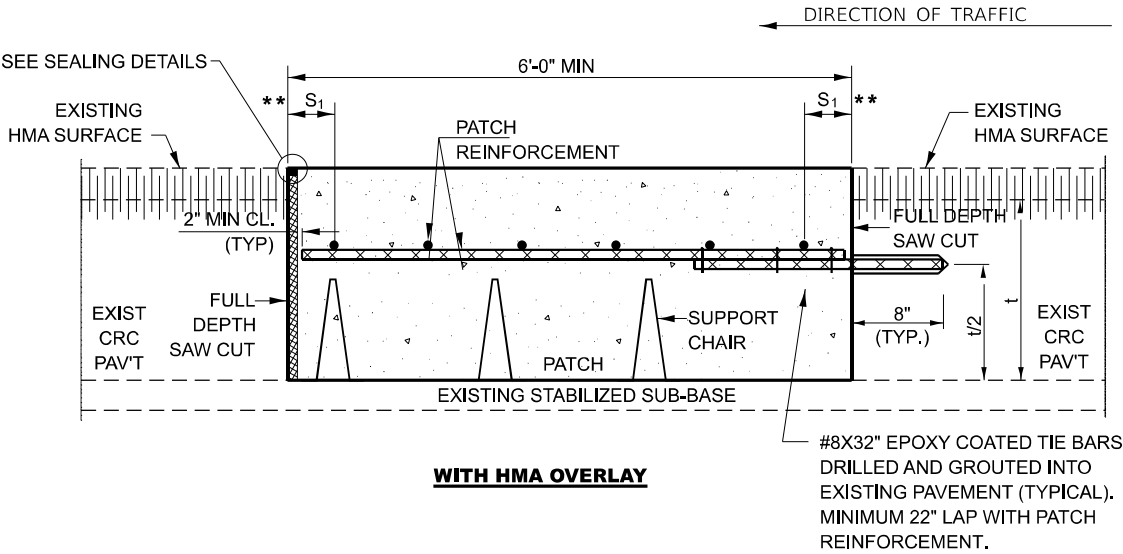
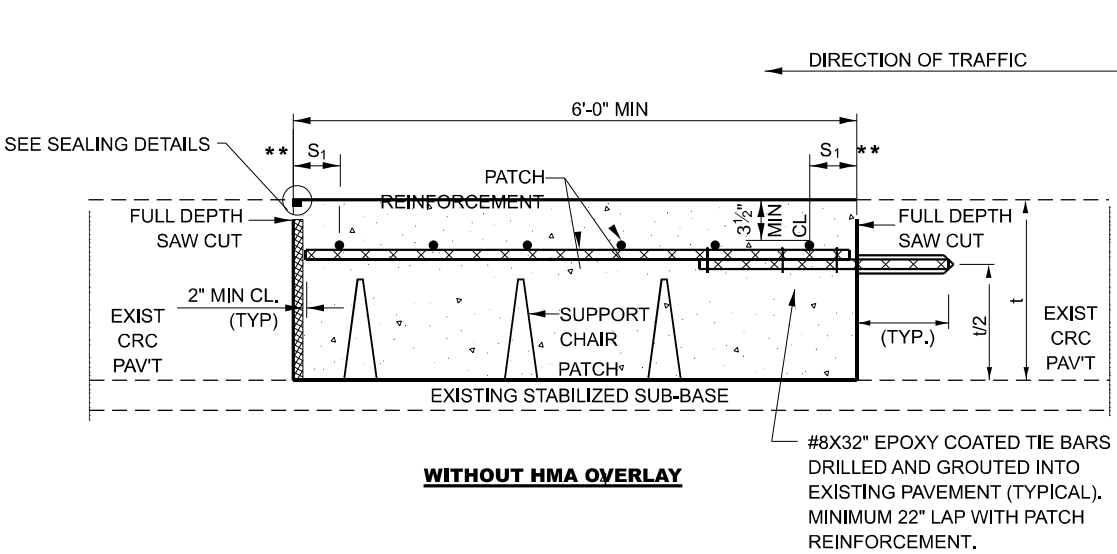
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	PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -					39	(50-5.6)PP	LASALLE	22	19
	PLOT DATE = 3/25/2025	CHECKED -	REVISED -					CONTRACT NO. 66R47				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
SCALE:		SHEET 2 OF 3 SHEETS		STA.		TO STA.						



PAVEMENT REINFORCEMENT DETAIL



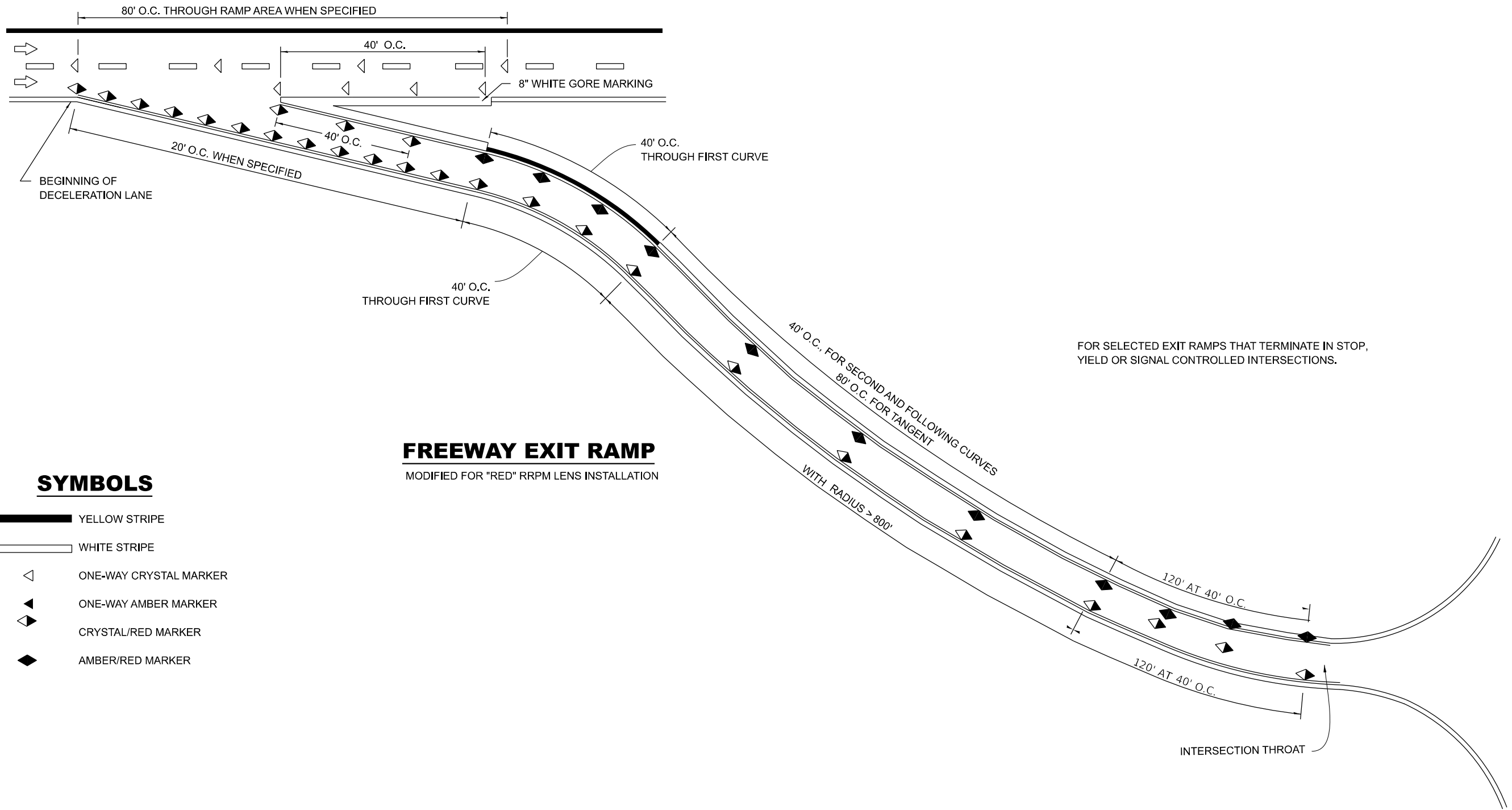
SEALING DETAILS



CLASS A PATCH WITH EXPANSION JOINT

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	PLOT DATE = 3/25/2025	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
								SCALE:	SHEET 3 OF 3 SHEETS	STA.	TO STA.	



SYMBOLS

-  YELLOW STRIPE
-  WHITE STRIPE
-  ONE-WAY CRYSTAL MARKER
-  ONE-WAY AMBER MARKER
-  CRYSTAL/RED MARKER
-  AMBER/RED MARKER

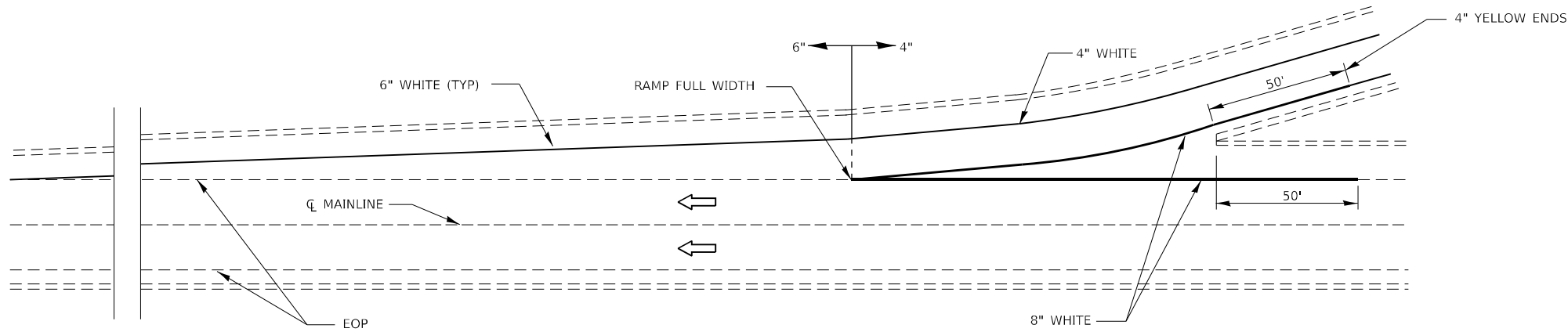
FREEWAY EXIT RAMP

MODIFIED FOR "RED" RRPM LENS INSTALLATION

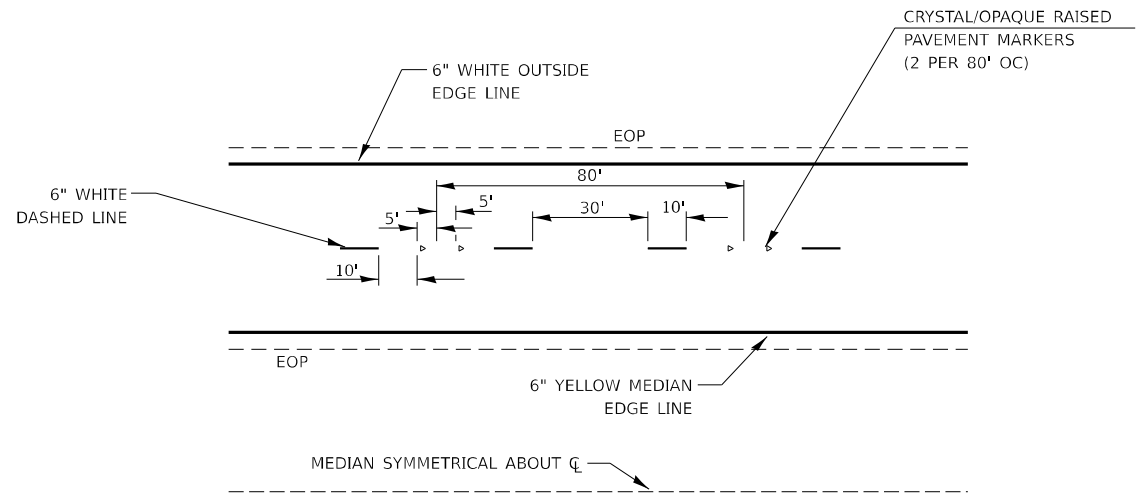
FOR SELECTED EXIT RAMPs THAT TERMINATE IN STOP, YIELD OR SIGNAL CONTROLLED INTERSECTIONS.

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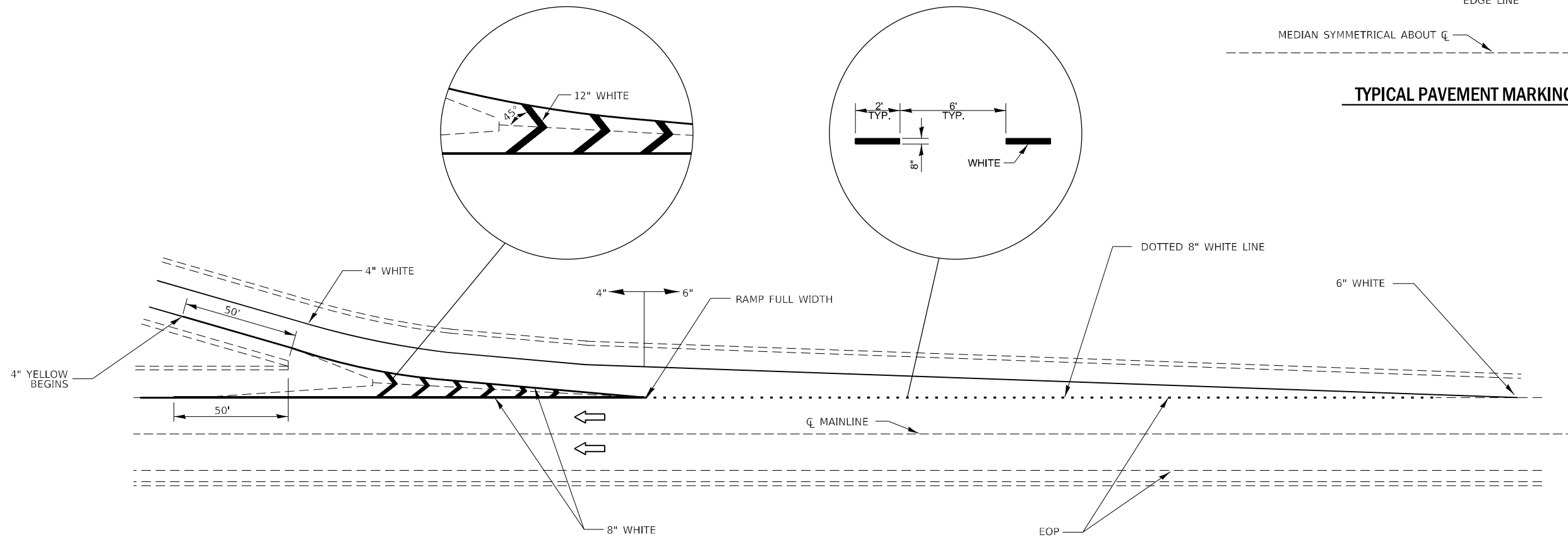
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		DRAWN -	REVISED -				39	(50-5,6)PP	LASALLE	22	21
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	PLOT DATE = 3/23/2025	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET	OF	SHEETS	STA.	TO STA.					



TYPICAL PAVEMENT MARKING FOR ENTRANCE RAMP TERMINALS



TYPICAL PAVEMENT MARKINGS



TYPICAL PAVEMENT MARKINGS FOR EXIT RAMP TERMINALS

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PLOT DATE	= 3/23/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSTATE PAVEMENT MARKINGS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(50-5,6)PP	LASALLE	22	22
CONTRACT NO. 66R47				
ILLINOIS FED. AID PROJECT				