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**HIGHWAY STANDARDS**

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 420001-10 PAVEMENT JOINTS
- 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
- 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701456-05 PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701901-09 TRAFFIC CONTROL DEVICES

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

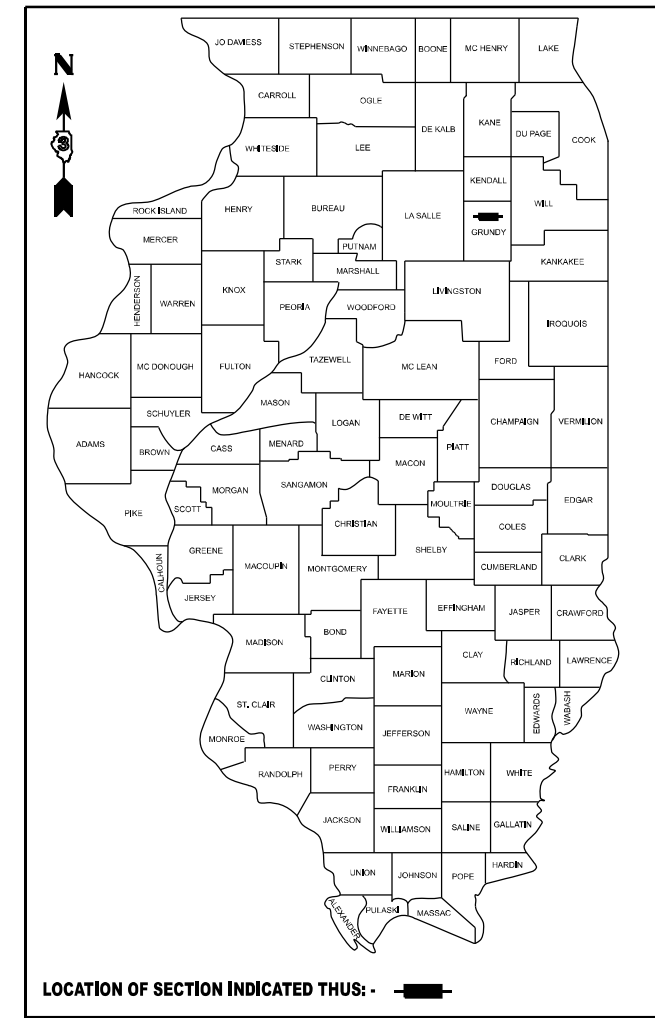
**PROPOSED  
HIGHWAY PLANS**

**F.A.I. ROUTE 80 (I-80)  
SECTION (32-3)K,PP-1  
RAMP PAVEMENT PATCHING  
GRUNDY COUNTY**

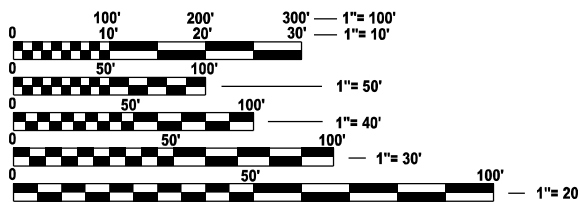
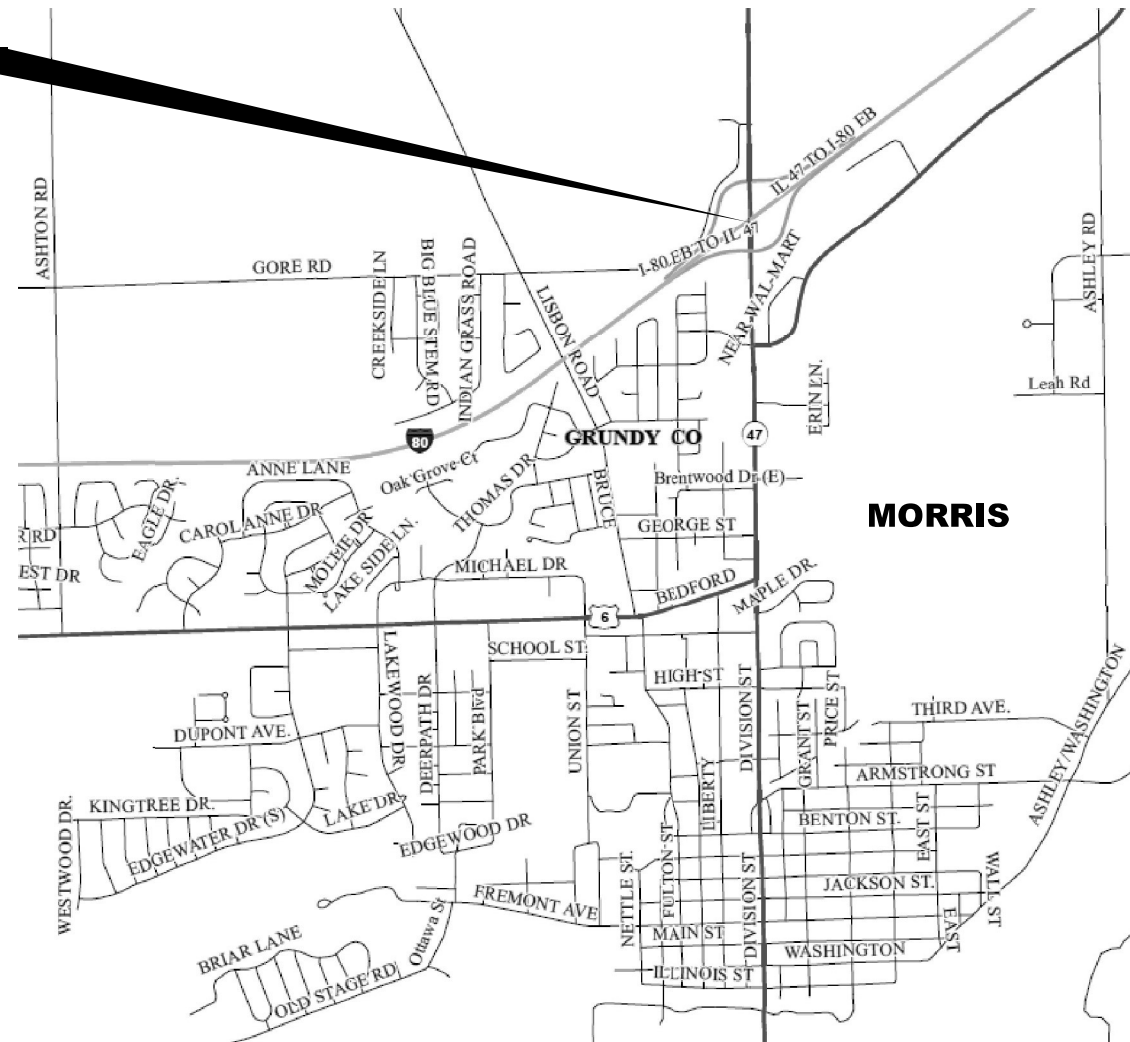
C-93-084-23

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	26	1
		ILLINOIS	CONTRACT NO. 66N48	

D-93-064-23



**PROJECT LOCATION  
I-80 AND IL 47  
INTERCHANGE**



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: YOGESH PATEL P.E.**  
**UNIT CHIEF: RON WOODSHANK**  
**DISTRICT NO. 3 (815) 434-6131**  
**CONTRACT NO. 66N48**

**FUNCTIONAL CLASSIFICATION**

<b>URBAN - INTERSTATE</b>	<b>URBAN - INTERSTATE</b>
F.A.I. I-80	IL ROUTE 47
2021 ADT 36900	2021 ADT 184000
P.V. 69.8 % S.U. 23.8 % M.U. 6.4 %	P.V. 88.7 % S.U. 3.7 % M.U. 7.6 %
RAMP "A" ADT = 7100	RAMP "B" ADT = 7000
RAMP "C" ADT = 2350	RAMP "D" ADT = 2200

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

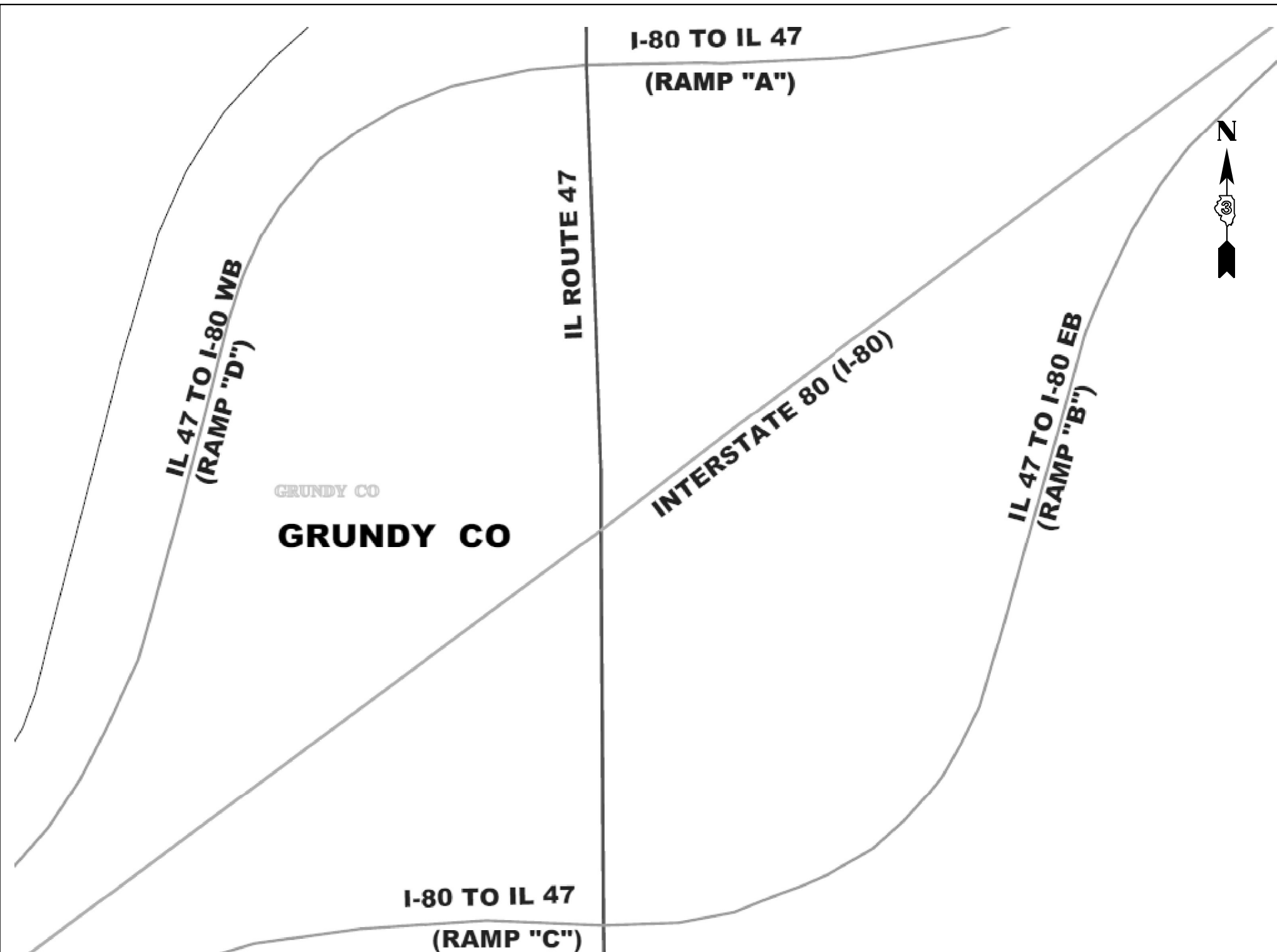
SUBMITTED October 17, 2023

*Wood Arnold*  
REGIONAL ENGINEER

December 8, 2023  
*S.A. Etk*  
ENGINEER OF DESIGN AND ENVIRONMENT

December 8, 2023  
*Stephen M. Smith*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**



**LOCATION MAP**

**GENERAL NOTES**

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 AT THE DIRECTION OF THE ENGINEER.

IN THE EVENT THAT "CEMENT TREATED OPEN GRADED DRAINAGE LAYER AND LIME MODIFIED SOIL" SUBGRADE IS ENCOUNTERED DURING PATCHING REMOVAL OPERATIONS, THE "CEMENT TREATED OPEN GRADED DRAINAGE LAYER AND LIME MODIFIED SOIL" SUBGRADE SHALL BE REMOVED TO THE DEPTH SHOWN ON PLAN TYPICALS AND REPLACED WITH "ROCKFILL - SUBGRADE". THE ENGINEER SHALL CONTACT THE FIELD ENGINEER FOR THE MORRIS MAINTENANCE FACILITY FOR LOCATIONS TO PLACE THE EXCAVATED MATERIALS. CONTACT PERSON IS STEVE NIEMANN (815) 942-0351.

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AND AT NO EXPENSE TO THE DEPARTMENT. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

**COMMITMENTS**

NONE

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE  
AS BUILT INFORMATION**

\_\_\_\_\_  
**SUPERVISING CONSTRUCTION FIELD ENGINEER**

\_\_\_\_\_  
**RESIDENT ENGINEER / TECHNICIAN**

**START & END DATES  
OF CONSTRUCTION:**

**INSPECTORS:**

MODEL: \$MODELNAME\$  
FILE NAME: \$FILES\$

USER NAME = \$USERS\$	DESIGNED - RW	REVISED - ____
	DRAWN - RW	REVISED - ____
PLOT SCALE = \$SCALES\$	CHECKED - YP	REVISED - ____
PLOT DATE = \$DATES\$	DATE - 5/5/2023	REVISED - ____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>GENERAL NOTES</b>	
SCALE: ____	SHEET 1 OF 1 SHEETS STA. ____ TO STA. ____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	2
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				CONTRACT MAINTENANCE	
				100% STATE	
				ROADWAY	URBAN
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	20	20	
21001000	GEO TECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	40	40	
44200050	WELDED WIRE REINFORCEMENT	SQ YD	1921	1921	
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	318	318	
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	231	231	
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	1690	1690	
44201294	CLASS B PATCH - EXPANSION JOINT	FOOT	118	118	
44201296	DEFORMED BARS - EXPANSION JOINT	EACH	112	112	
44201299	DOWEL BARS 1 1/2"	EACH	1616	1616	
44213200	SAW CUTS	FOOT	6201	6201	
44213204	TIE BARS 3/4"	EACH	700	700	
67100100	MOBILIZATION	L SUM	1	1	
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD /01601	L SUM	1	1	

MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$

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	DRAWN - RW	REVISED - ____
PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED - ____
PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - ____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_ SHEET 1 OF 2 SHEETS STA. \_\_\_\_ TO STA. \_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	3
			CONTRACT NO. 66N48	
		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				CONTRACT MAINTENANCE	
				100% STATE	
				ROADWAY	
				0006	
				URBAN	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	88		88
70200100	NIGHT TIME WORK ZONE LIGHTING	L SUM	1		1
* 78004645	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 9"	FOOT	500		500
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1255		1255
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	192		192
* 78011050	GROOVING FOR RECESSED PAVEMENT MARKING 10"	FOOT	500		500
Z0017099	DOWEL BAR ASSEMBLY	EACH	56		56
* Z0054408	ROCK FILL - SUBGRADE	CU YD	20		20

\*SPECIALITY ITEMS

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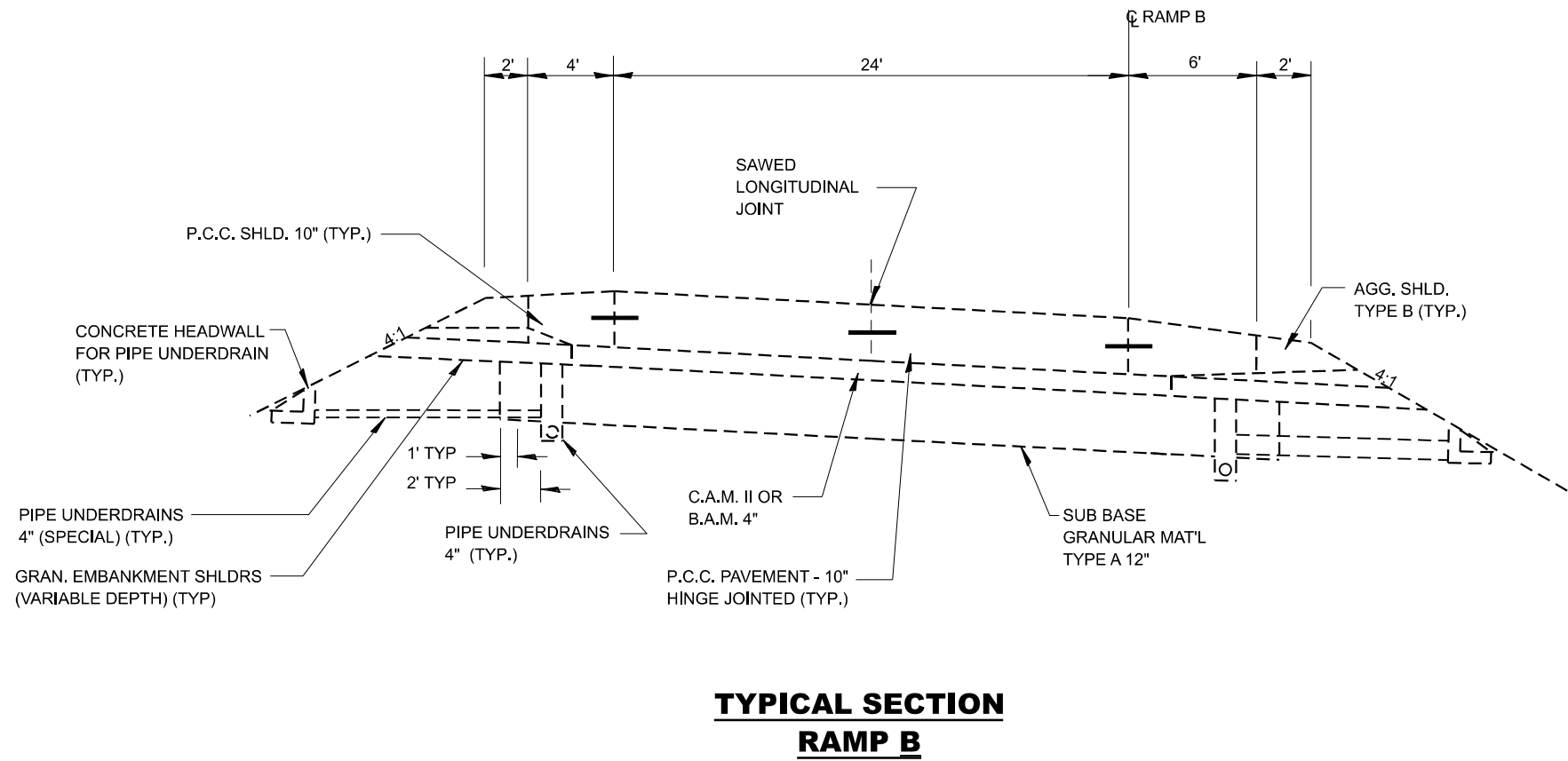
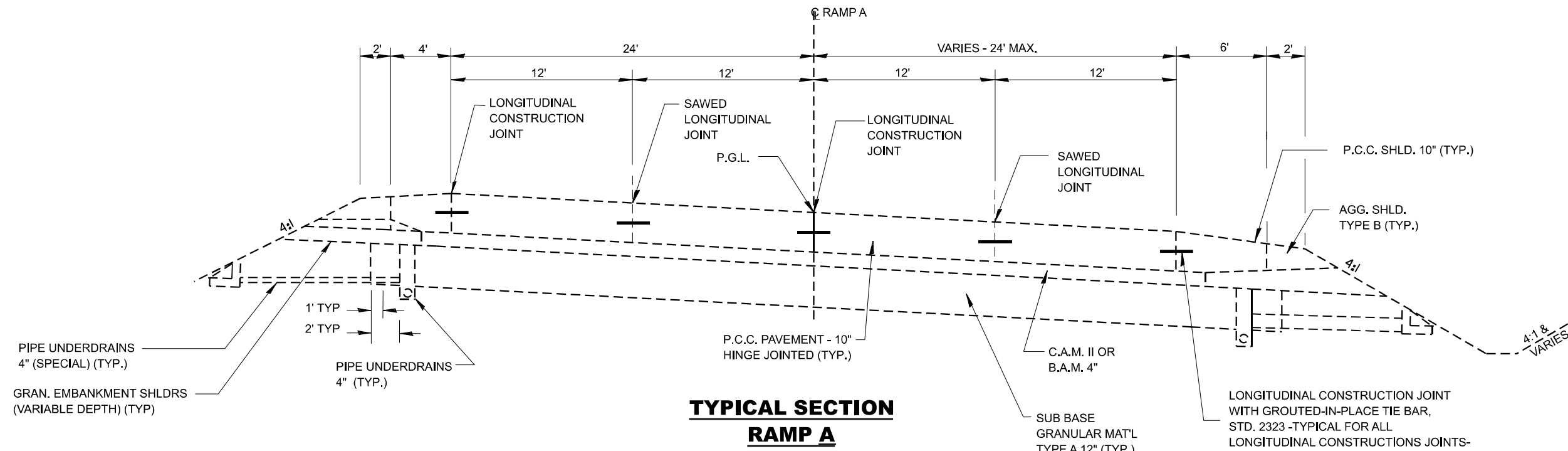
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PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	4
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				



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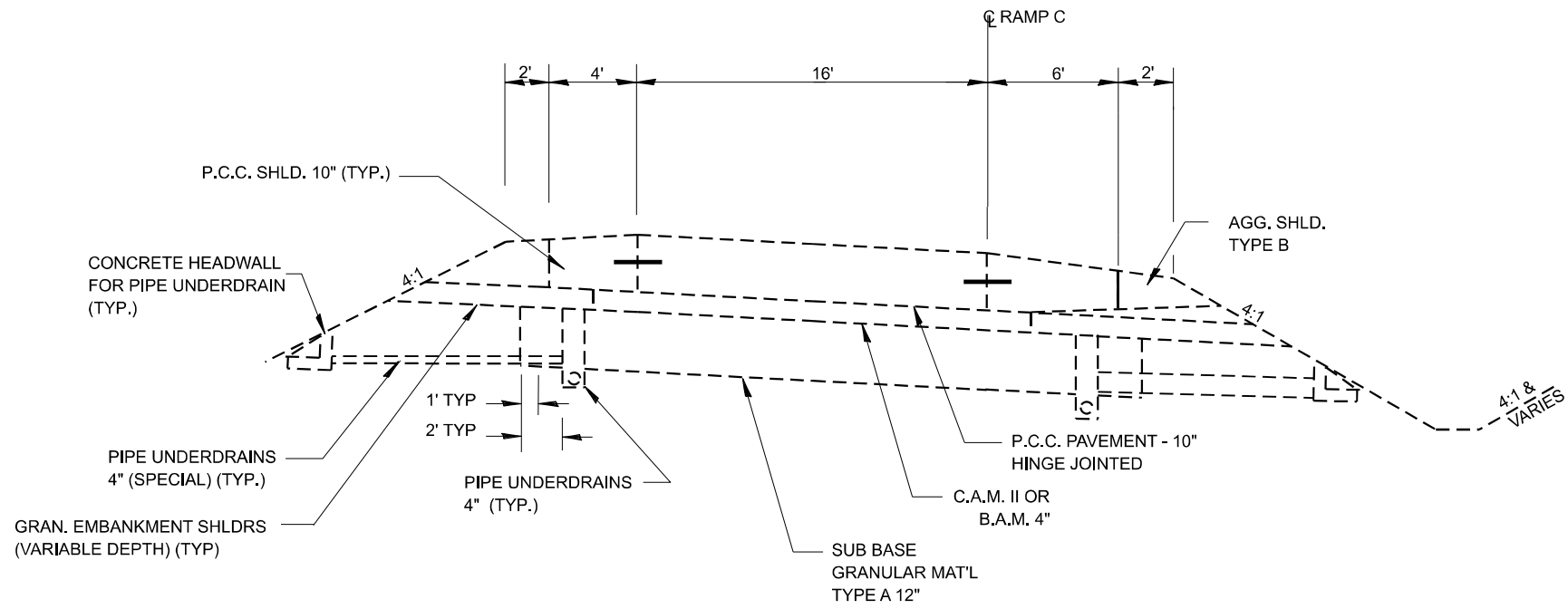
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PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - ____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

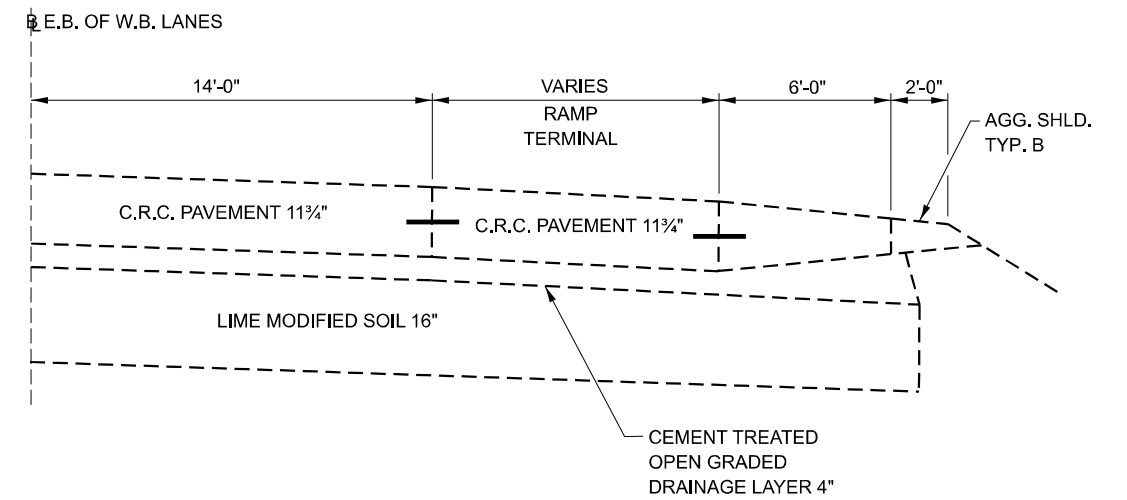
TYPICAL SECTIONS

SCALE: \_\_\_\_\_ SHEET 1 OF 2 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

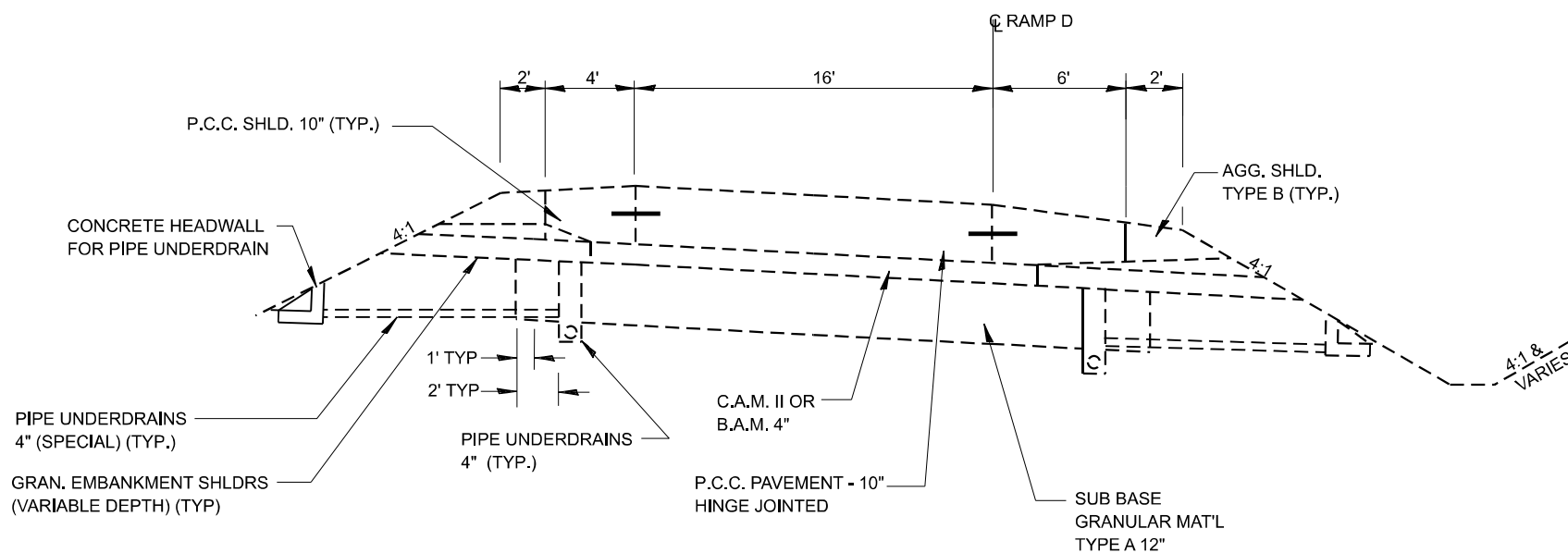
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	5
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				



**TYPICAL SECTION  
RAMP C**



**TYPICAL SECTION  
F.A.I. 80 (I-80)  
WITH RAMP TERMINAL**



**TYPICAL SECTION  
RAMP D**

MODEL: \$MODELNAME\$  
FILE NAME: \$FILES\$

USER NAME = \$USERS\$	DESIGNED - RW	REVISED - ____
	DRAWN - RW	REVISED - ____
PLOT SCALE = \$SCALES\$	CHECKED - YP	REVISED - ____
PLOT DATE = \$DATES\$	DATE - 5/5/2023	REVISED - ____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	6
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				

**PATCHING SCHEDULE**

RAMP A															
LOCATION		PATCH LENGTH	PATCH WIDTH	CLASS B			CLASS B PATCH EXPANSION JOINT	DEFORMED BARS EXPANSION JOINT	DOWEL BARS 1 1/2"	DOWEL BAR ASSEMBLY	SAW CUTS	WELDED WIRE REINF.	TIE BARS 3/4"		
				TYPE II 10"	TYPE III 10"	TYPE IV 10"									
STATION	LANE	(FT)	(FT)	SQ YD	SQ YD	SQ YD	FOOT	EACH	EACH	EACH	FOOT	SQ YD	EACH		
31+66	LT	30	12			40			20	1	96	40	20		
31+66	RT	15	12		20				20		66	20			
32+03	LT	6	12	8					20		48				
32+17	LT	6	12	8					20		48				
32+33	LT	6	12	8					20		48				
32+92	LT	15	12		20				20		66	20			
33+14	LT	15	12		20				20		66	20			
33+57	RT	6	15	10					26		57				
34+20	LT	6	16	11			16	15	14		60				
34+20	RT	6	18	12			18	17	16		66				
34+42	LT	14	12		19				20		64	19			
35+01	RT	6	15	10					26		57				
35+49	RT	6	17	11					30		63				
36+21	RT	308	12			411			20	21	652	411	204		
36+34	RT1	240	12			320			20	16	516	320	160		
37+24	LT1	6	12	8					20		48				
38+78	LT	6	12	8					20		48				
38+78	LT1	6	12	8					20		48				
39+43	RT1	30	12			40			20	1	96	40	20		
39+76	RT	6	12	8					20		48				
39+76	LT1	6	12	8					20		48				
40+51	RT	6	12	8					20		48				
40+80	RT1	60	12			80			20	2	156	80	40		
41+39	LT2	8	12	11					20		52				
41+80	LT	6	12	8					20		48				
41+80	LT1	6	12	8					20		48				
41+80	RT	6	12	8					20		48				
42+09	RT1	75	12			100			20	5	186	100	50		
42+68	LT	8	12	11					20		52				
43+15	RT	20	12			27			20		76	27	12		
43+15	LT	6	12	8					20		48				
43+15	LT1	6	12	8					20		48				
43+53	LT1	6	12	8					20		48				
43+53	RT	15	12		20				20		66	20			
44+12	LT1	6	12	8					20		48				
<b>TOTAL</b>						<b>204</b>	<b>99</b>	<b>1018</b>	<b>34</b>	<b>32</b>	<b>712</b>	<b>46</b>	<b>3281</b>	<b>1117</b>	<b>506</b>

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PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED - _____
PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>RAMP "A"</b>			
<b>CLASS B PATCHING SCHEDULES</b>			
SCALE: _____	SHEET 1 OF 2 SHEETS	STA. _____	TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	7
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				

**PATCHING SCHEDULE**

RAMP B													
LOCATION		PATCH LENGTH	PATCH WIDTH	CLASS B			CLASS B	DEFORMED	DOWEL	DOWEL	SAW	WELDED	TIE
STATION	LANE	(FT)	(FT)	TYPE II 10"	TYPE III 10"	TYPE IV 10"	PATCH EXPANSION JOINT FOOT	BARS EXPANSION JOINT EACH	BARS 1 1/2" EACH	BAR ASSEMBLY EACH	CUTS FOOT	WIRE REINF. SQ YD	BARS 3/4" EACH
82.00	RT	38	16			68			28		124	68	24
2+17	RT	10	12	13					20		56		
2+59	LT	8	15	13					26		61		
4+62	LT	15	12		20				20		66	20	
5+06	RT	6	12	8					20		48		
5+06	LT	15	12		20				20		66	20	
7+00	LT	60	12			80			20	4	156	80	40
11+70	LT	30	12			40			20	1	96	40	20
12+87	LT	15	12		20				20		66	20	
13+72	LT	15	12		20				20		66	20	
14+17	LT	15	15				15	14	13		75		
14+17	RT	15	15				15	14	13		75		
14+28	RT	6	12	8					20		48		
14+60	LT	15	15						26		75		
15+40	RT	20	12			27			20		76	27	12
<b>TOTAL</b>				<b>42</b>	<b>80</b>	<b>215</b>	<b>30</b>	<b>28</b>	<b>306</b>	<b>5</b>	<b>1154</b>	<b>295</b>	<b>96</b>

**PATCHING SCHEDULE**

RAMP C													
LOCATION		PATCH LENGTH	PATCH WIDTH	CLASS B			CLASS B	DEFORMED	DOWEL	DOWEL	SAW	WELDED	TIE
STATION		(FT)	(FT)	TYPE II 10"	TYPE III 10"	TYPE IV 10"	PATCH EXPANSION JOINT FOOT	BARS EXPANSION JOINT EACH	BARS 1 1/2" EACH	BAR ASSEMBLY EACH	CUTS FOOT	WIRE REINF. SQ YD	BARS 3/4" EACH
5+56		8	18		16				32		70	16	
6+73		6	28		19		28	27	26		96	19	
9+17		30	8			27			12	1	84	27	20
11+41		26	16			46			28		100	46	16
<b>TOTAL</b>					<b>35</b>	<b>73</b>	<b>28</b>	<b>27</b>	<b>98</b>	<b>1</b>	<b>350</b>	<b>108</b>	<b>36</b>

MODEL: \$MODELNAME\$  
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USER NAME = \$USERS\$	DESIGNED - RW	REVISED - ____
	DRAWN - RW	REVISED - ____
PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED - ____
PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - ____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

RAMP "B"			
CLASS B PATCHING SCHEDULES			
SCALE: ____	SHEET 2 OF 2 SHEETS	STA. ____	TO STA. ____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	8
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				



**PATCHING SCHEDULE**

RAMP D												
LOCATION	PATCH LENGTH	PATCH WIDTH	CLASS B			CLASS B PATCH EXPANSION JOINT	DEFORMED BARS EXPANSION JOINT	DOWEL BARS 1 1/2"	DOWEL BAR ASSEMBLY	SAW CUTS	WELDED WIRE REINF.	TIE BARS 3/4"
			TYPE II 10"	TYPE III 10"	TYPE IV 10"							
1+17	30	16			53			28	1	108	53	20
1+70	35	16			62			28	1	118	62	22
2+80	15	16			27			28		78	27	
3+29	15	16			27			28		78	27	
3+63	6	16	11					28		60		
4+33	15	16			27			28		78	27	
5+44	15	16			27			28		78	27	
6+30	8	16	14					28		64		
7+30	8	16	14					28		64		
7+71	15	16			27			28		78	27	
8+13	15	16			27			28		78	27	
8+53	15	16			27			28		78	27	
10+38	30	16			53			28	1	108	53	20
11+07	6	16	11					28		60		
11+91	15	16			27			28		78	27	
12+83	6	16	11					28		60		
13+54	6	16	11					28		60		
14+22	6	26		17		26	25	24		90	17	
<b>TOTAL</b>			<b>72</b>	<b>17</b>	<b>384</b>	<b>26</b>	<b>25</b>	<b>500</b>	<b>3</b>	<b>1416</b>	<b>401</b>	<b>62</b>

MODEL: \$MODELNAME\$  
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USER NAME = \$USERS\$	DESIGNED - RW	REVISED - _____
	DRAWN - RW	REVISED - _____
PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED - _____
PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RAMPS "C" AND "D"  
CLASS "B" PATCHING SCHEDULES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	9
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				

**PAVEMENT MARKING SCHEDULES**

RAMP A						
LOCATION		MODIFIED URETHANE PAVEMENT MARKING LINE 4"	MODIFIED URETHANE PAVEMENT MARKING LINE 8"	PREFORMED PLASTIC PAVEMENT MARKING TYPE D STANDARD LINE 9"	GROOVING FOR RECESSED PAVEMENT MARKING 10"	
		YELLOW	WHITE	WHITE	WHITE	
STATION	LANE	FOOT	FOOT	FOOT	FOOT	FOOT
31+66	LT		15			
31+66	RT			30		
32+03	LT			6		
32+17	LT			6		
32+33	LT			6		
32+92	LT			15		
33+14	LT			15		
33+57	RT		6		10	10
34+20	LT					
34+20	RT		6	6		
34+42	LT			14	10	10
35+01	RT		6		10	10
35+49	RT		6		10	10
36+21	RT				60	60
36+34	RT1		240		60	60
37+24	LT1	6			10	10
38+78	LT				10	10
38+78	LT1	6			10	10
39+43	RT1		30		10	10
39+76	RT				20	20
39+76	LT1	6			10	10
40+51	RT				10	10
40+80	RT1		60		30	30
41+39	LT2				10	10
41+80	LT				20	20
41+80	LT1				20	20
41+80	RT	6				
42+09	RT1	75			20	20
42+68	LT		8		10	10
43+15	RT			20	10	10
43+15	LT			6		
43+15	LT1	6				
43+53	LT1	6		6		
43+53	RT			30		
44+12	LT1	6		6		
<b>SUBTOTALS</b>		<b>117</b>	<b>377</b>			
<b>TOTALS</b>		<b>494</b>		<b>166</b>	<b>360</b>	<b>360</b>

**PAVEMENT MARKING SCHEDULES**

RAMP B						
LOCATION		MODIFIED URETHANE PAVEMENT MARKING LINE 4"	PREFORMED PLASTIC PAVEMENT MARKING TYPE D STANDARD LINE 9"	GROOVING FOR RECESSED PAVEMENT MARKING 10"		
		YELLOW	WHITE	WHITE		
STATION	LANE	FOOT	FOOT	FOOT		FOOT
0+82	RT		38			
2+17	RT		10	10		10
2+59	LT	8		10		10
4+62	LT	15		10		10
5+06	RT	15		10		10
5+06	LT		6			
7+00	LT	60		20		20
11+70	LT	30		10		10
12+87	LT	15		10		10
13+72	LT	15		10		10
14+17	LT	15		10		10
14+17	RT		15			
14+28	RT		6	10		10
14+60	LT			10		10
15+40	RT			10		10
<b>SUBTOTALS</b>		<b>173</b>	<b>37</b>			
<b>TOTALS</b>		<b>210</b>		<b>130</b>		<b>130</b>

**PAVEMENT MARKING SCHEDULES**

RAMP C			
LOCATION		MODIFIED URETHANE PAVEMENT MARKING LINE 4"	MODIFIED URETHANE PAVEMENT MARKING LINE 8"
		YELLOW	WHITE
STATION		FEET	FEET
5+56			8
6+73			6
9+17			30
11+41		26	26
<b>SUBTOTALS</b>		<b>26</b>	<b>70</b>
<b>TOTALS</b>		<b>96</b>	<b>14</b>

**PAVEMENT MARKING SCHEDULES**

RAMP D			
LOCATION		MODIFIED URETHANE PAVEMENT MARKING LINE 4"	MODIFIED URETHANE PAVEMENT MARKING LINE 8"
		YELLOW	WHITE
STATION		FEET	FEET
1+17		30	
1+70		30	15
2+80		15	15
3+29		15	15
3+63		6	6
4+33		15	15
5+44		15	15
6+30		8	8
7+30		8	8
7+71		15	15
8+13		15	15
8+53		15	15
10+38		30	30
11+07		6	6
11+91		15	15
12+83		6	6
13+54			6
14+22			6
<b>SUBTOTALS</b>		<b>244</b>	<b>211</b>
<b>TOTALS</b>		<b>455</b>	<b>12</b>

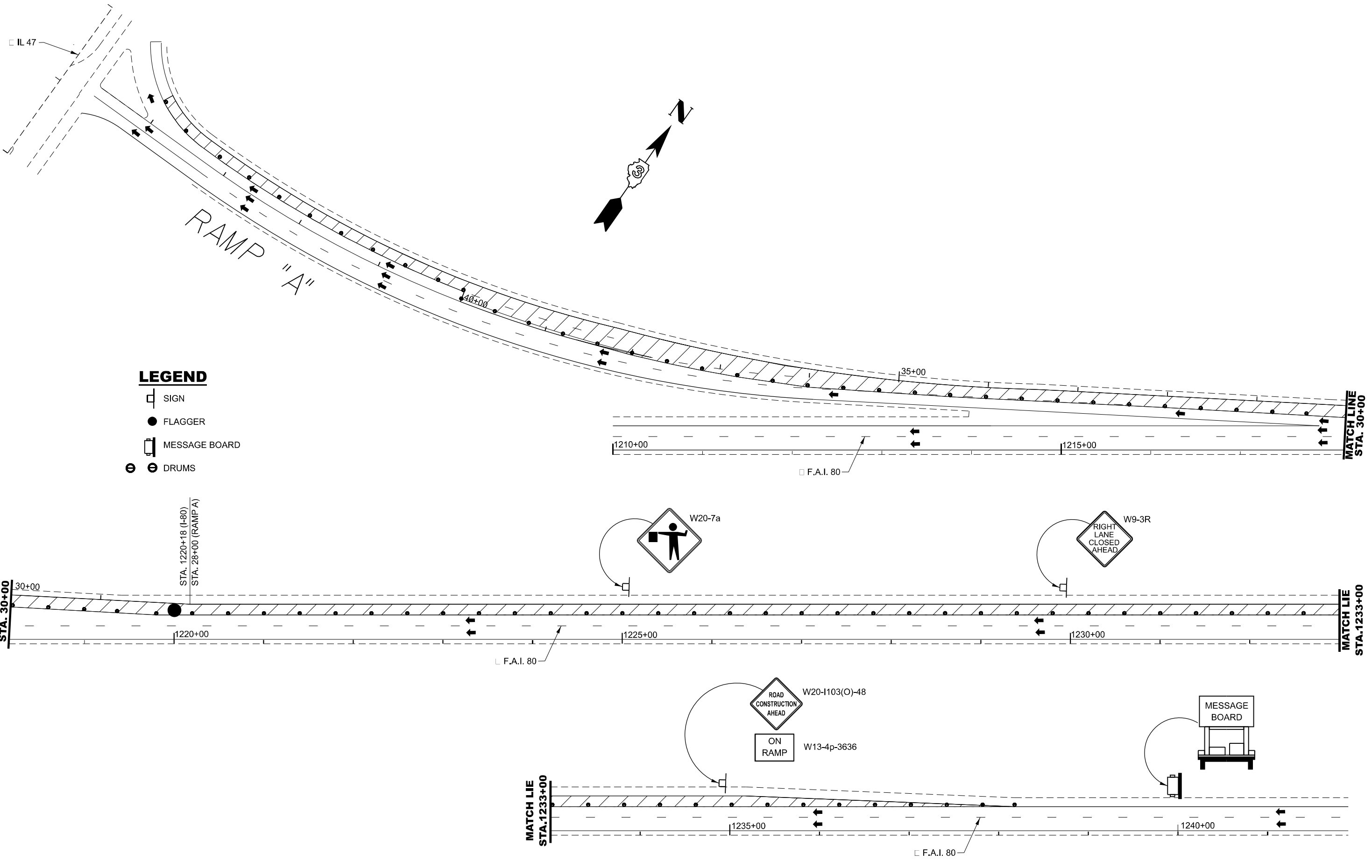
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	DRAWN - RW	REVISED - ____
PLOT SCALE = \$SCALES\$	CHECKED - YP	REVISED - ____
PLOT DATE = \$DATES\$	DATE - 5/5/2023	REVISED - ____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>RAMP "A", "B", "C" AND "D" PAVEMENT MARKING SCHEDULES</b>			
SCALE: ____	SHEET 1 OF 1 SHEETS	STA. ____	TO STA. ____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	10
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- SIGN
- FLAGGER
- MESSAGE BOARD
- ⊖ ⊖ DRUMS

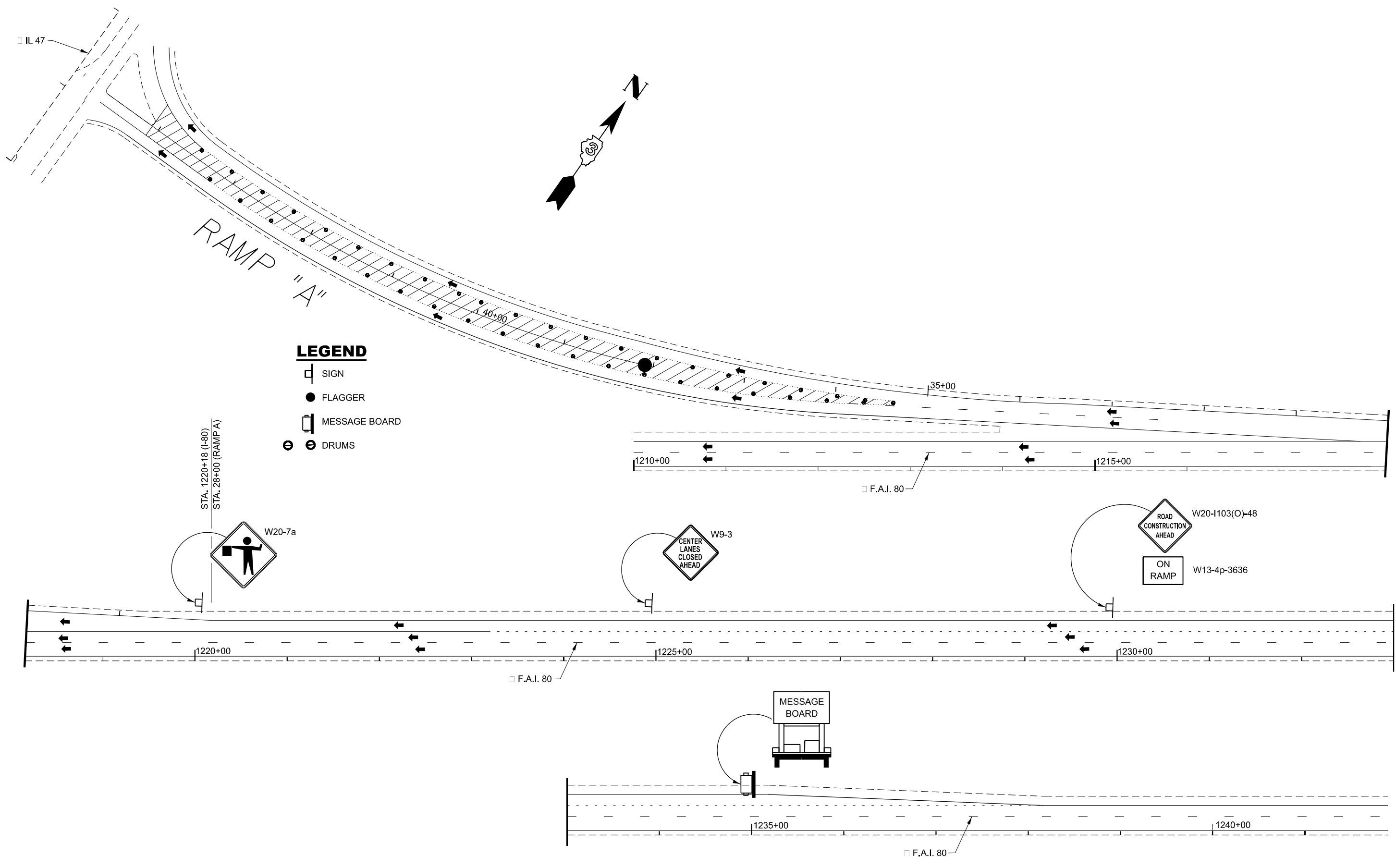
USER NAME = \$USERS	DESIGNED - RW	REVISED - ___
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PLOT SCALE = \$SCALES	CHECKED - YP	REVISED - ___
PLOT DATE = \$DATES	DATE - 5/5/2023	REVISED - ___

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION, STANDARD 701601  
RIGHT LANE(S) CLOSED - RAMP "A"**

SCALE: \_\_\_\_\_ SHEET 1 OF 3 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	11
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- SIGN
- FLAGGER
- ☐ MESSAGE BOARD
- ⊖ ⊕ DRUMS

STA. 1220+18 (I-80)  
STA. 28+00 (RAMP A)



W20-7a



W9-3



W20-1103(O)-48



W13-4p-3636

MESSAGE BOARD

MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$

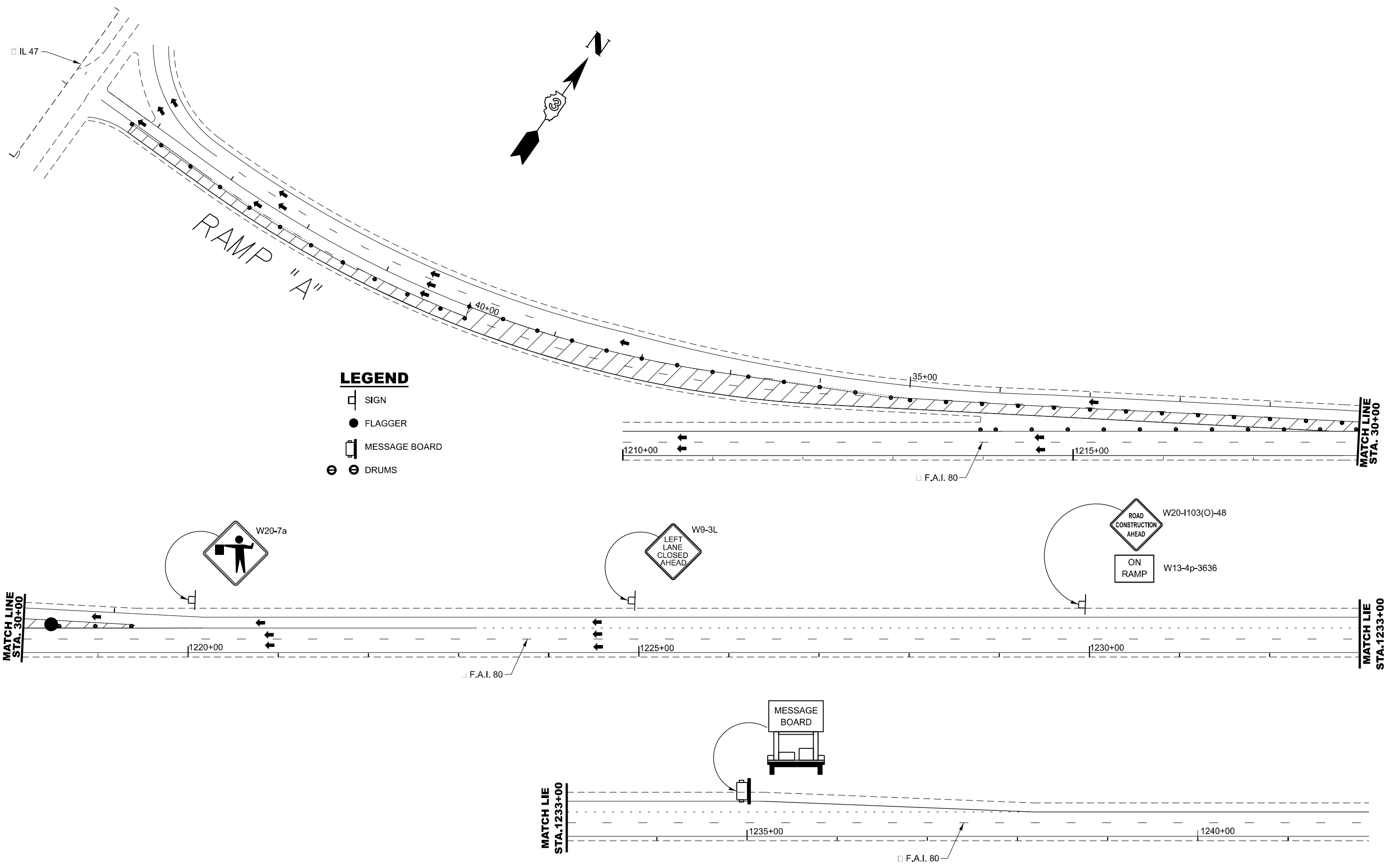
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PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED - ___
PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - ___

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION, STANDARD 701601  
CENTER LANE(S) CLOSED - RAMP "A" - I-80**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	12
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				

SCALE: \_\_\_\_\_ SHEET 2 OF 3 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_



**LEGEND**

- SIGN
- FLAGGER
- ☐ MESSAGE BOARD
- ⊙ DRUMS

MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$

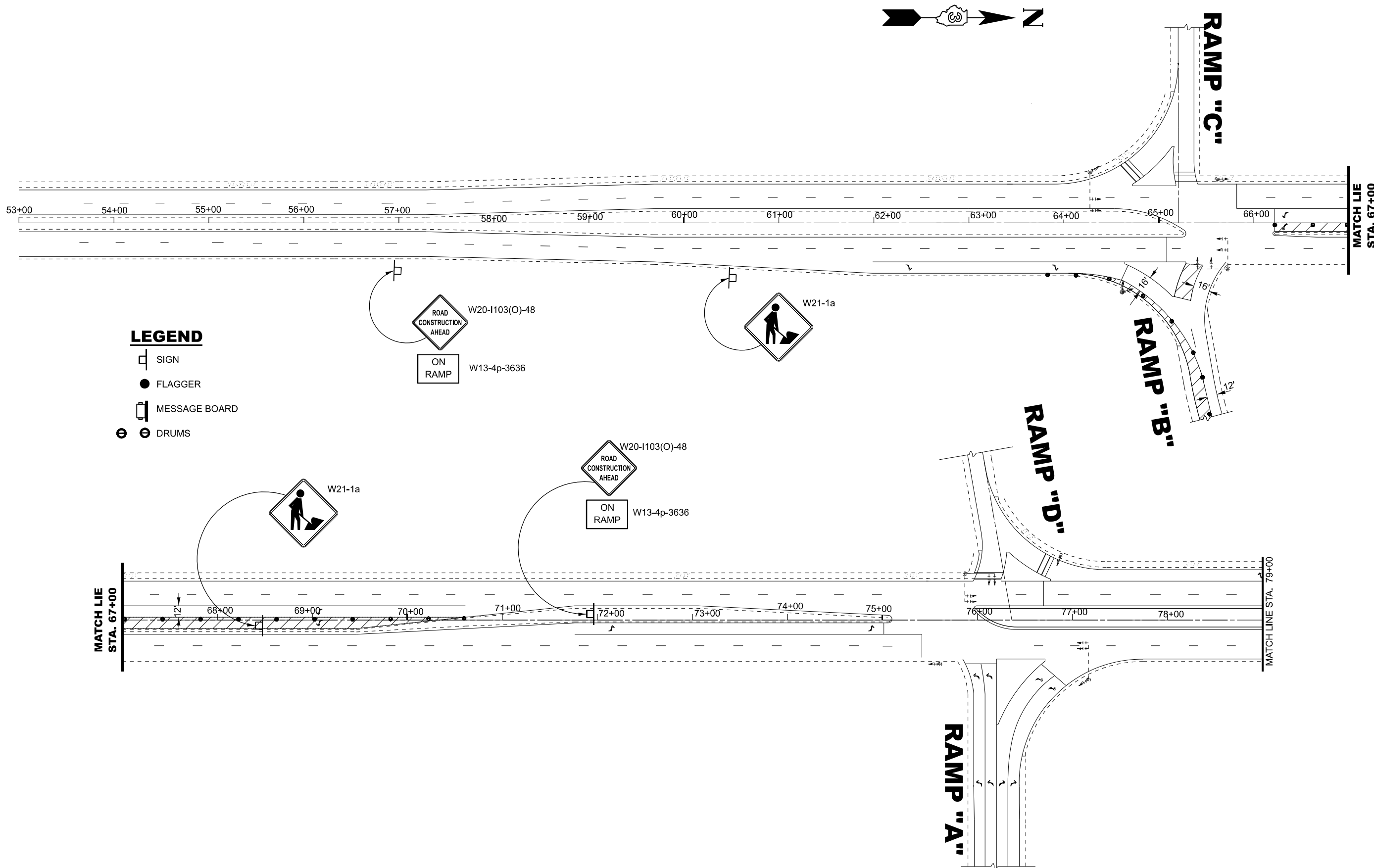
USER NAME = \$USERS\$	DESIGNED - RW	REVISED - ____
	DRAWN - RW	REVISED - ____
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PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - ____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**





**TRAFFIC CONTROL AND PROTECTION, STANDARD 701601  
LEFT LANE(S) CLOSED - RAMP "A" - I-80**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	13
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				



**LEGEND**

-  SIGN
-  FLAGGER
-  MESSAGE BOARD
-  DRUMS

MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$

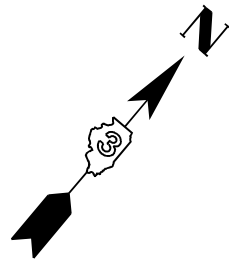
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	DRAWN - RW	REVISED - _____
PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED - _____
PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION, STANDARD 701601  
RIGHT LANE CLOSED - RAMP "B" - IL 47**

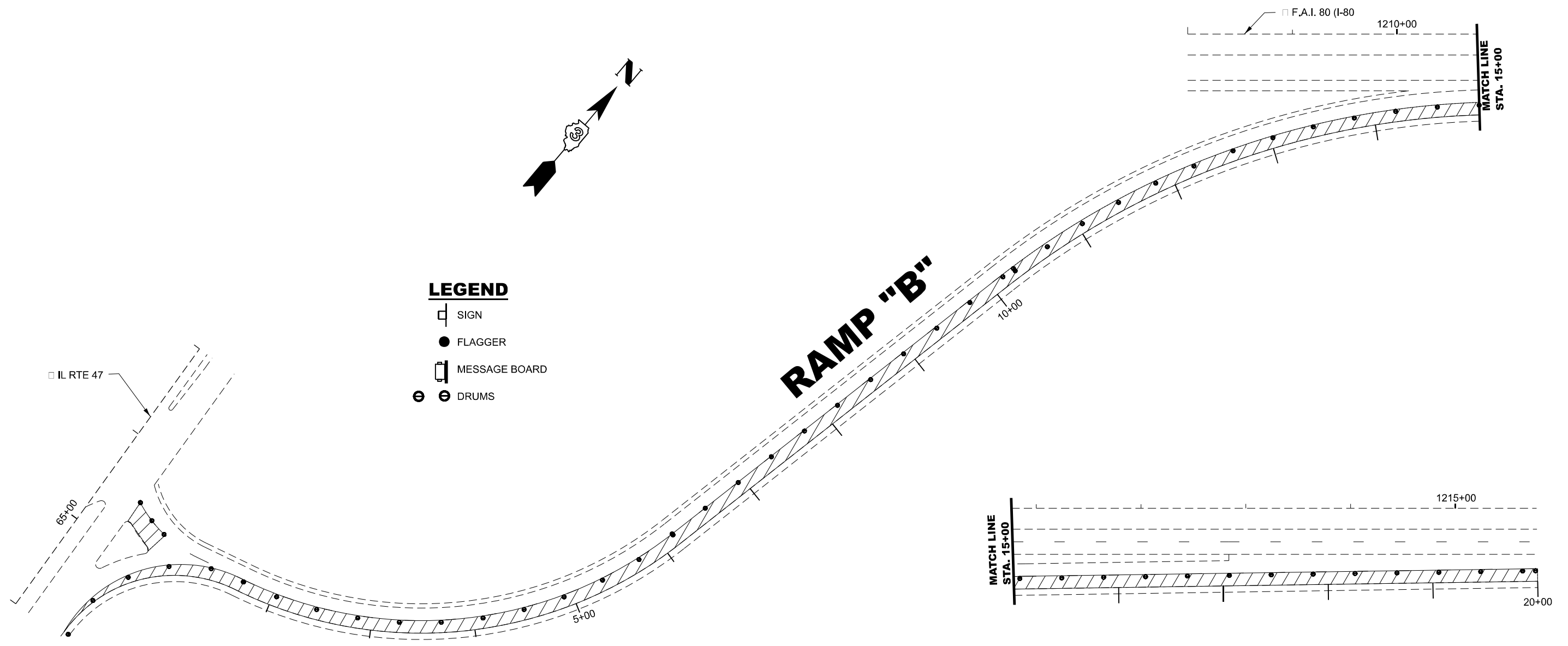
SCALE: \_\_\_\_\_ SHEET 1 OF 2 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	14
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- SIGN
- FLAGGER
- ☐ MESSAGE BOARD
- ⊙ ⊙ DRUMS



MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$

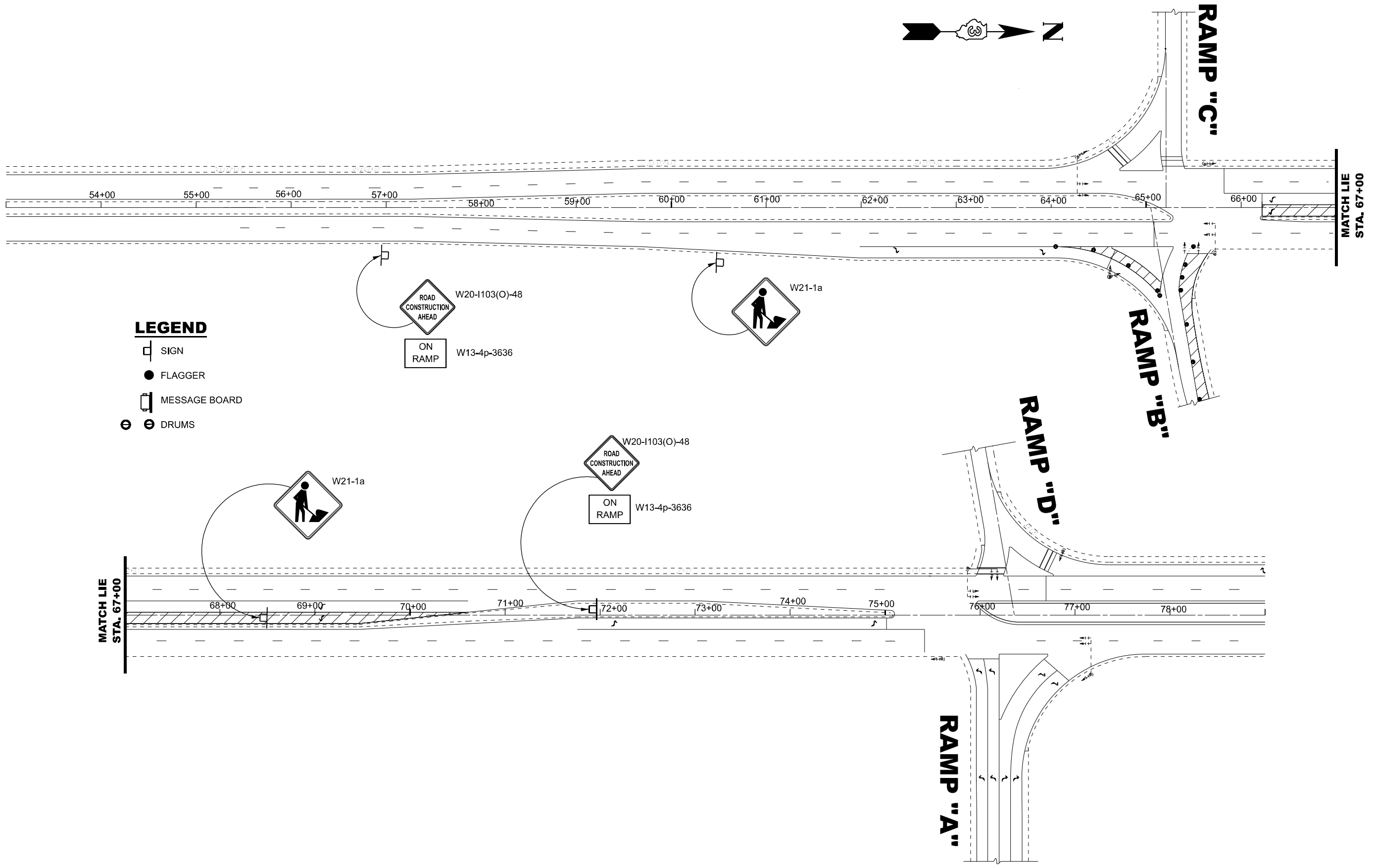
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PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED - ____
PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - ____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION, STANDARD 701601**  
**RIGHT LANE CLOSED - RAMP "B"**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	15
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- SIGN
- FLAGGER
- ☐ MESSAGE BOARD
- ⊙ DRUMS

MODEL: \$MODELNAME\$  
FILE NAME: \$FILES\$

USER NAME = \$USERS\$	DESIGNED - RW	REVISED - ____
	DRAWN - RW	REVISED - ____
PLOT SCALE = \$SCALES\$	CHECKED - YP	REVISED - ____
PLOT DATE = \$DATES\$	DATE - 5/5/2023	REVISED - ____

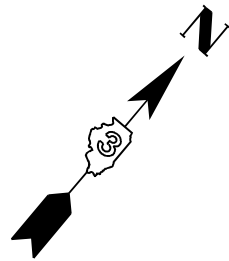
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION, STANDARD 701601  
LEFT LANE CLOSED - RAMP "B" - IL 47**





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

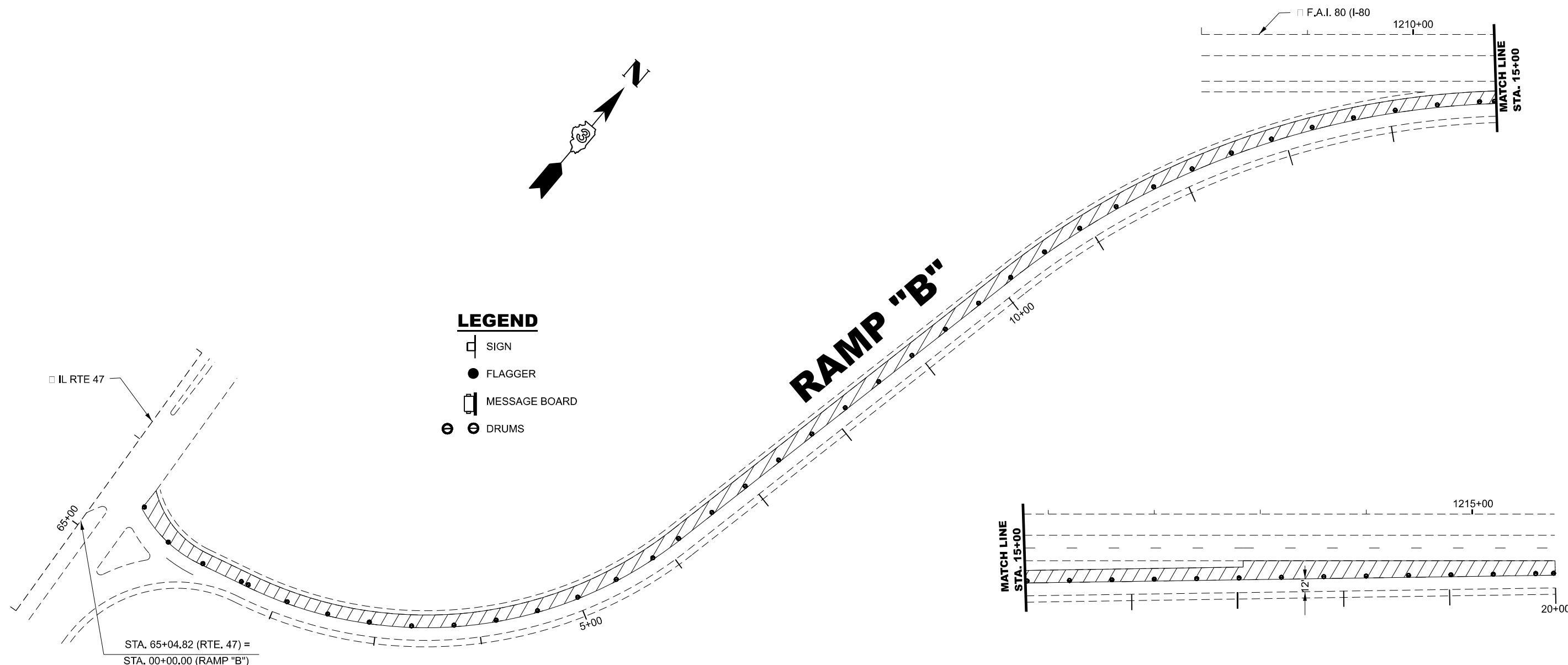
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	16
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				





**LEGEND**

-  SIGN
-  FLAGGER
-  MESSAGE BOARD
-  DRUMS



MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$

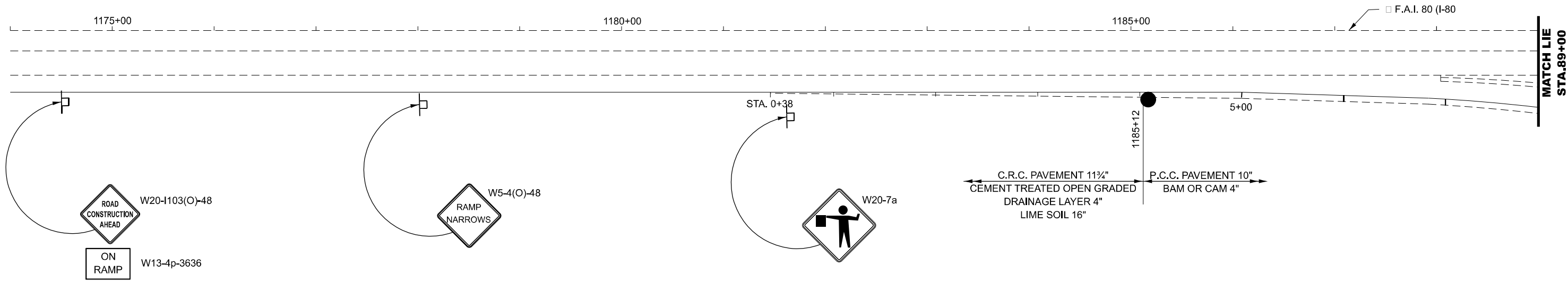
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PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED - ____
PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - ____




**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

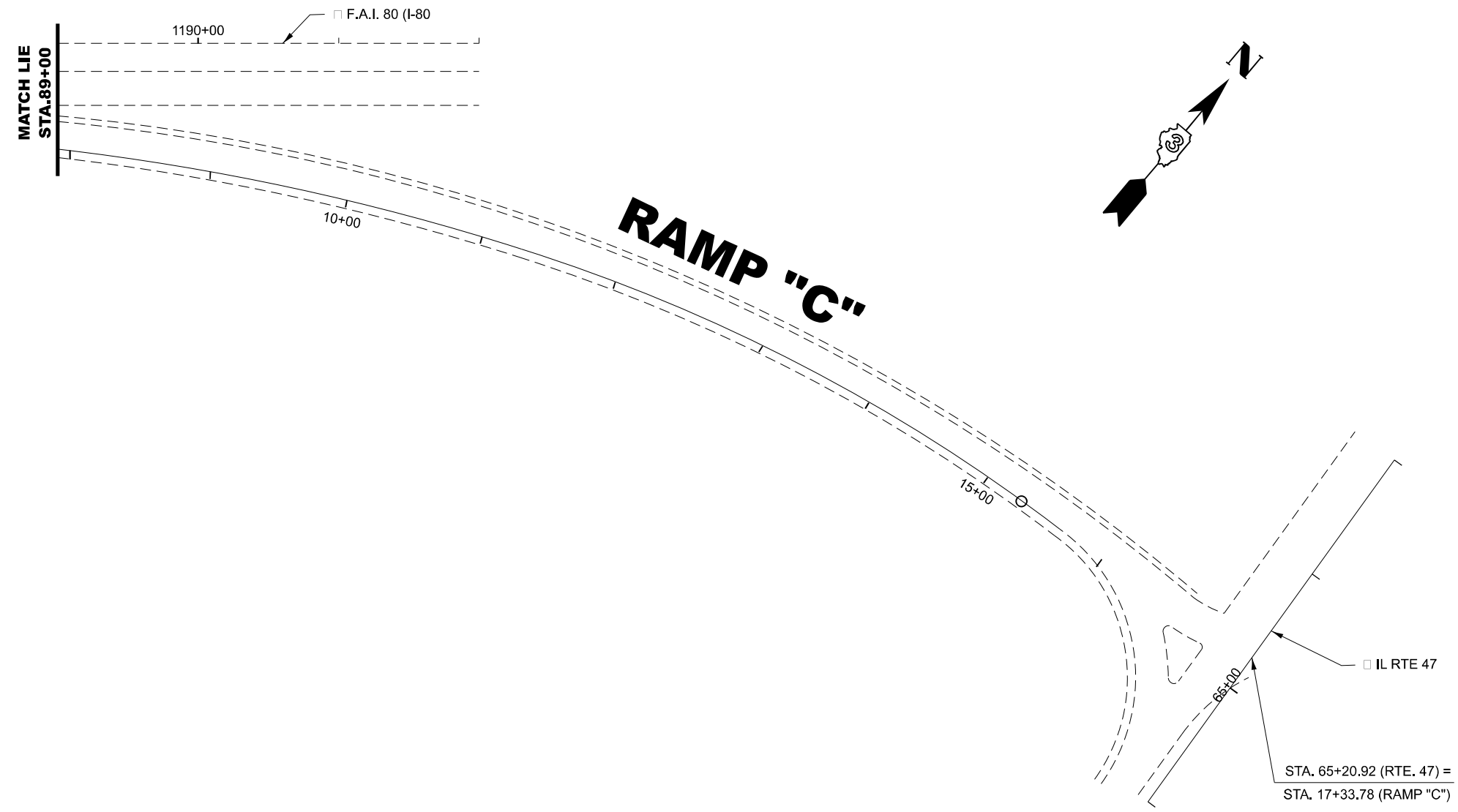
**TRAFFIC CONTROL AND PROTECTION, STANDARD 701601**  
**LEFT LANE CLOSED - RAMP "B"**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	17
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				



- LEGEND**
-  SIGN
  -  FLAGGER
  -  MESSAGE BOARD
  -  DRUMS



MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$

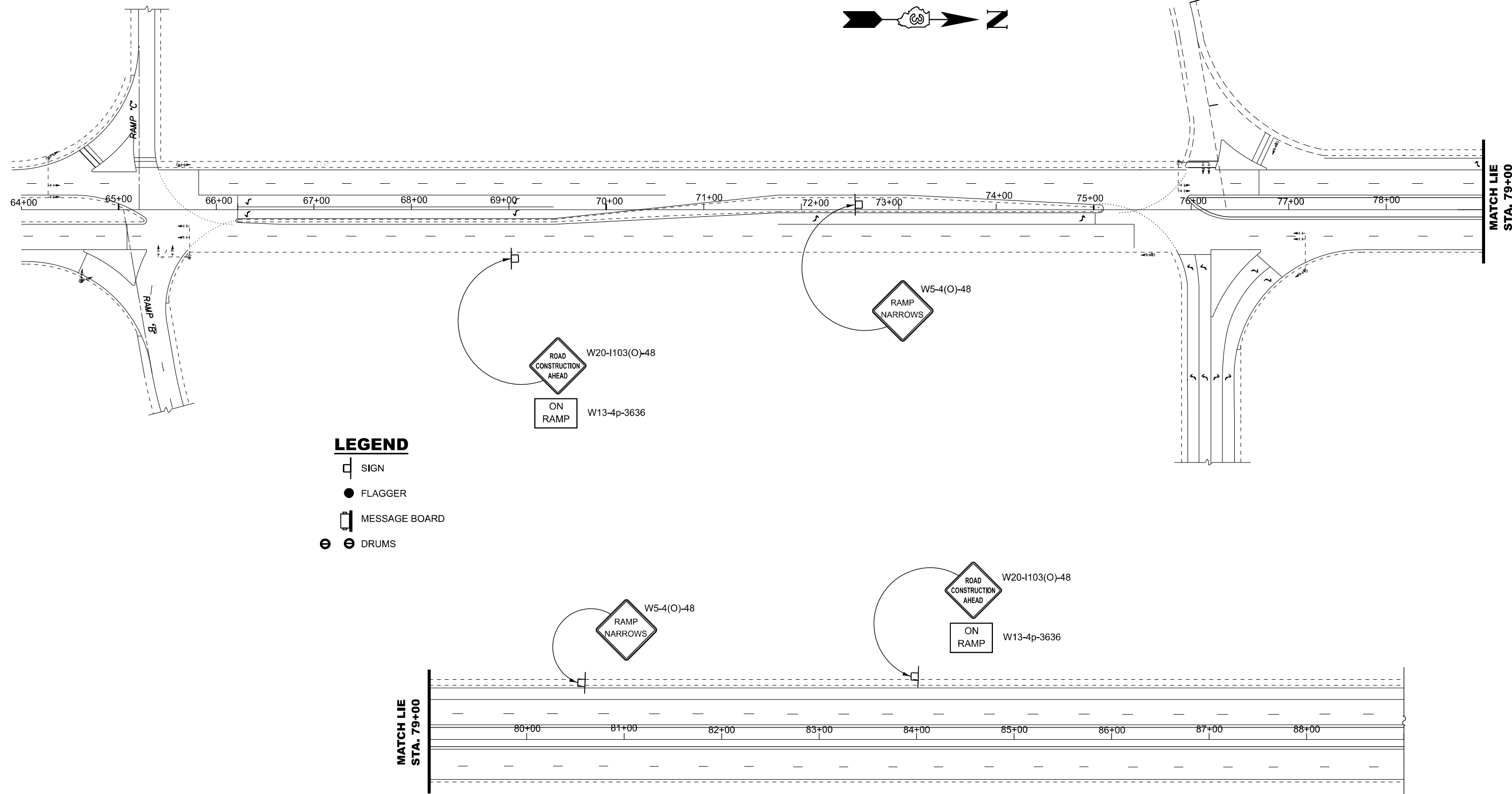
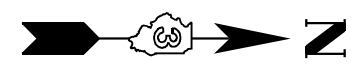
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DRAWN - RW	REVISOR - ____	
PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED - ____
PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - ____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION, STANDARD 701456  
RAMP "C"**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	18
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- SIGN
- FLAGGER
- ☐ MESSAGE BOARD
- ⊖ ⊕ DRUMS

MATCH LIE  
STA. 79+00

MATCH LIE  
STA. 79+00

MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$

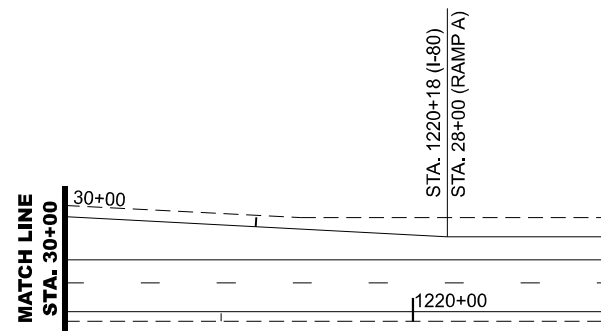
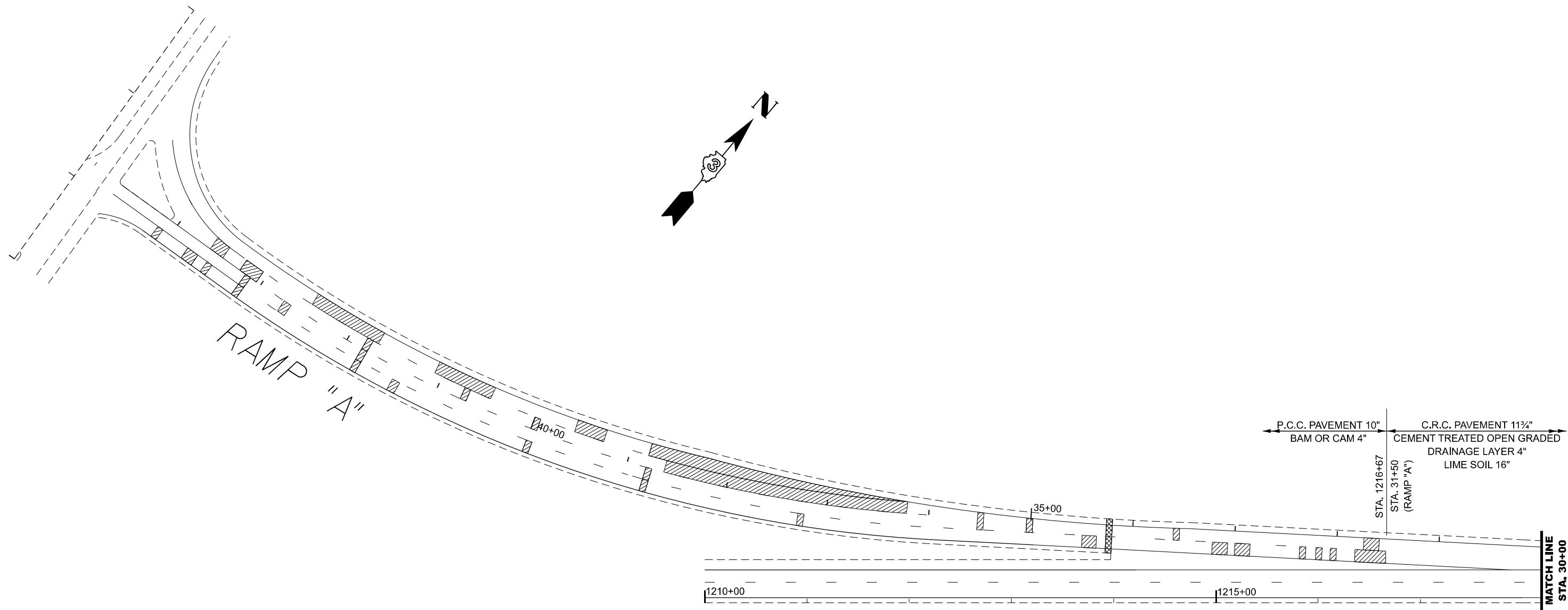
USER NAME = \$USER\$	DESIGNED - RW	REVISED - _____
	DRAWN - RW	REVISED - _____
PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED - _____
PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION, STANDARD 701456  
RAMP "D" - IL 47**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	19
CONTRACT NO. 66N48			ILLINOIS FED. AID PROJECT	



**LEGEND**

 **CLASS B PATCH 10"**

 **CLASS B PATCH - EXPANSION JOINT**

MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$

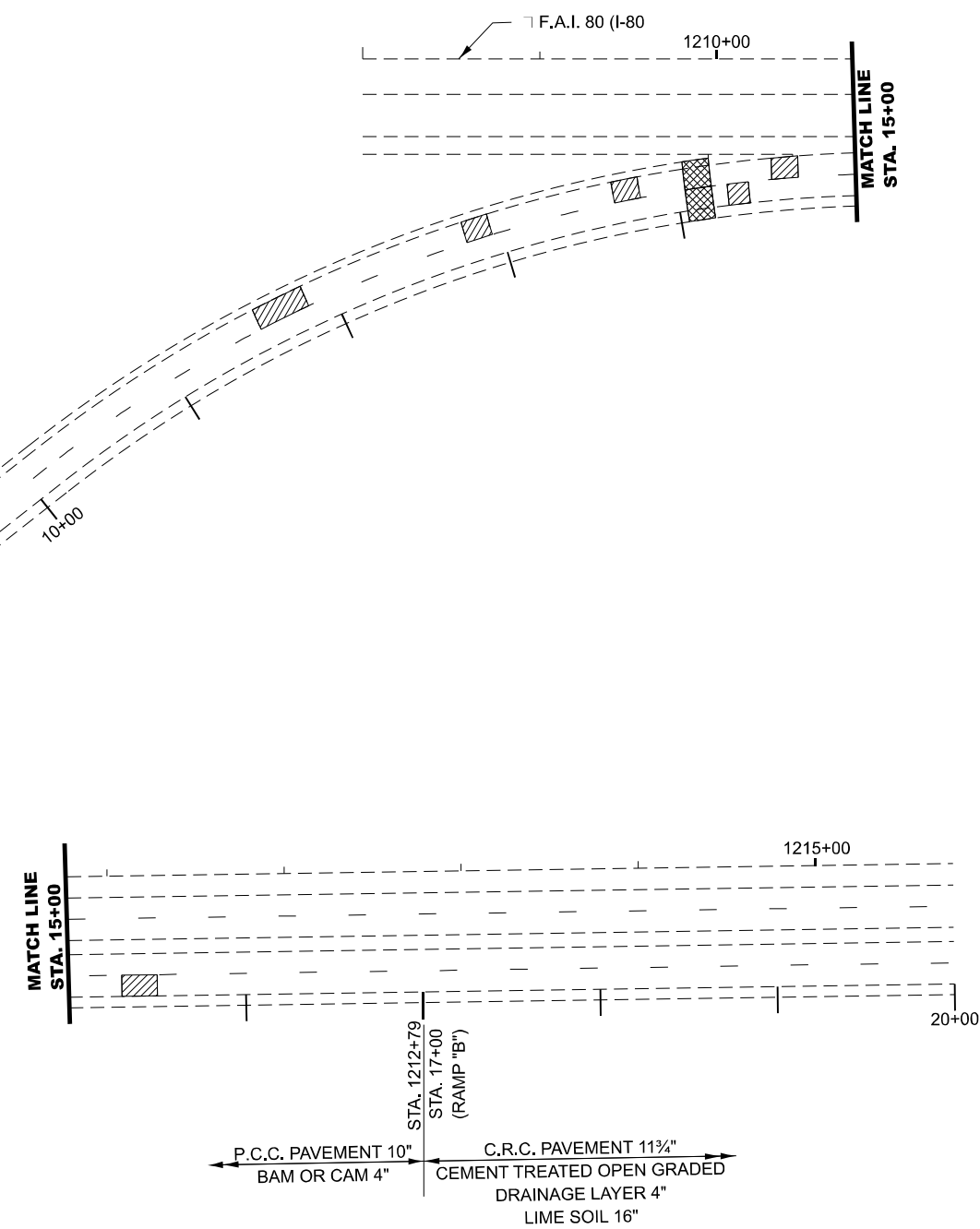
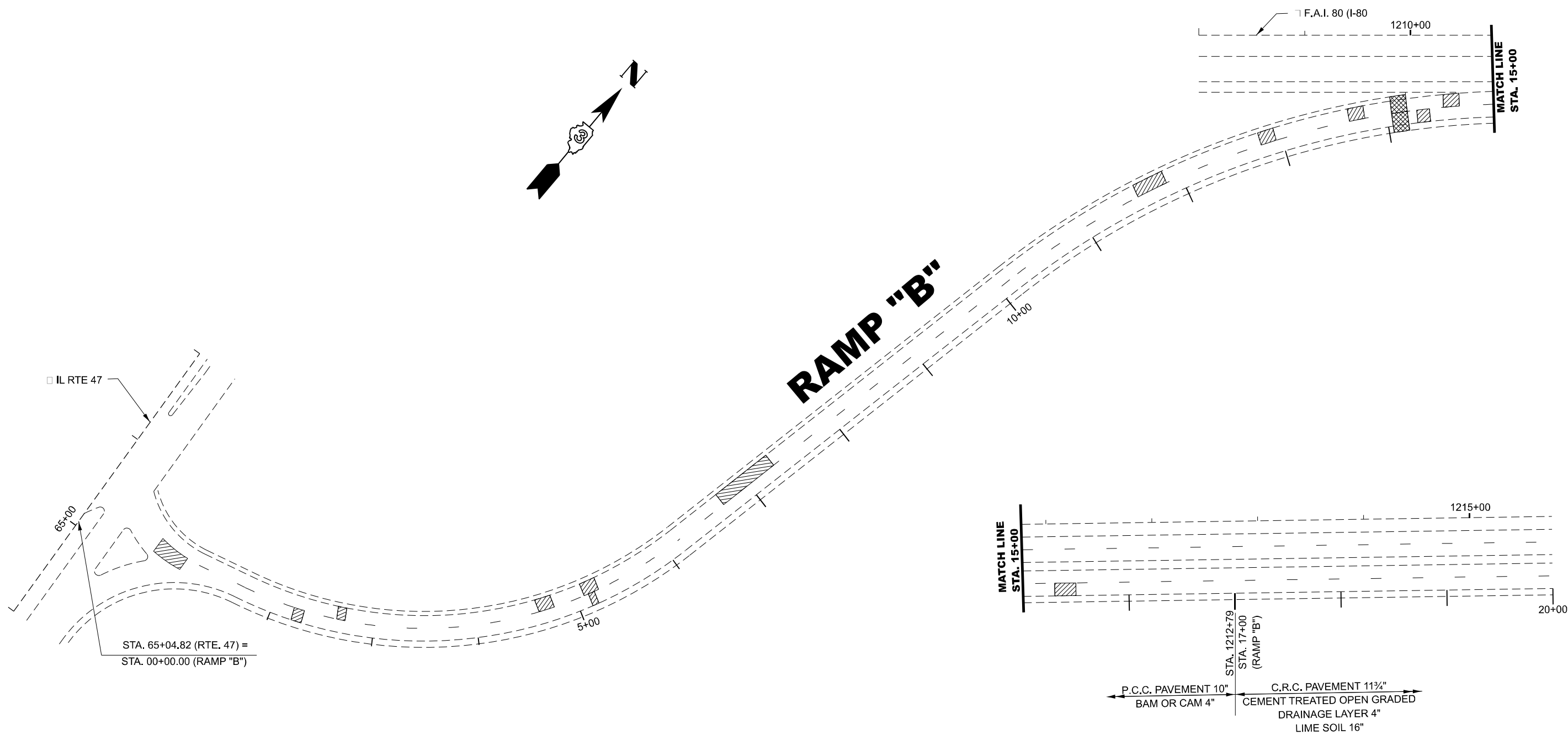
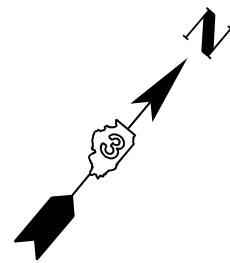
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	DRAWN - RW	REVISED - ____
PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED - ____
PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - ____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



**RAMP "A"  
PATCHING LOCATIONS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	20
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				



**LEGEND**

-  **CLASS B PATCH 10"**
-  **CLASS B PATCH - EXPANSION JOINT**

MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$

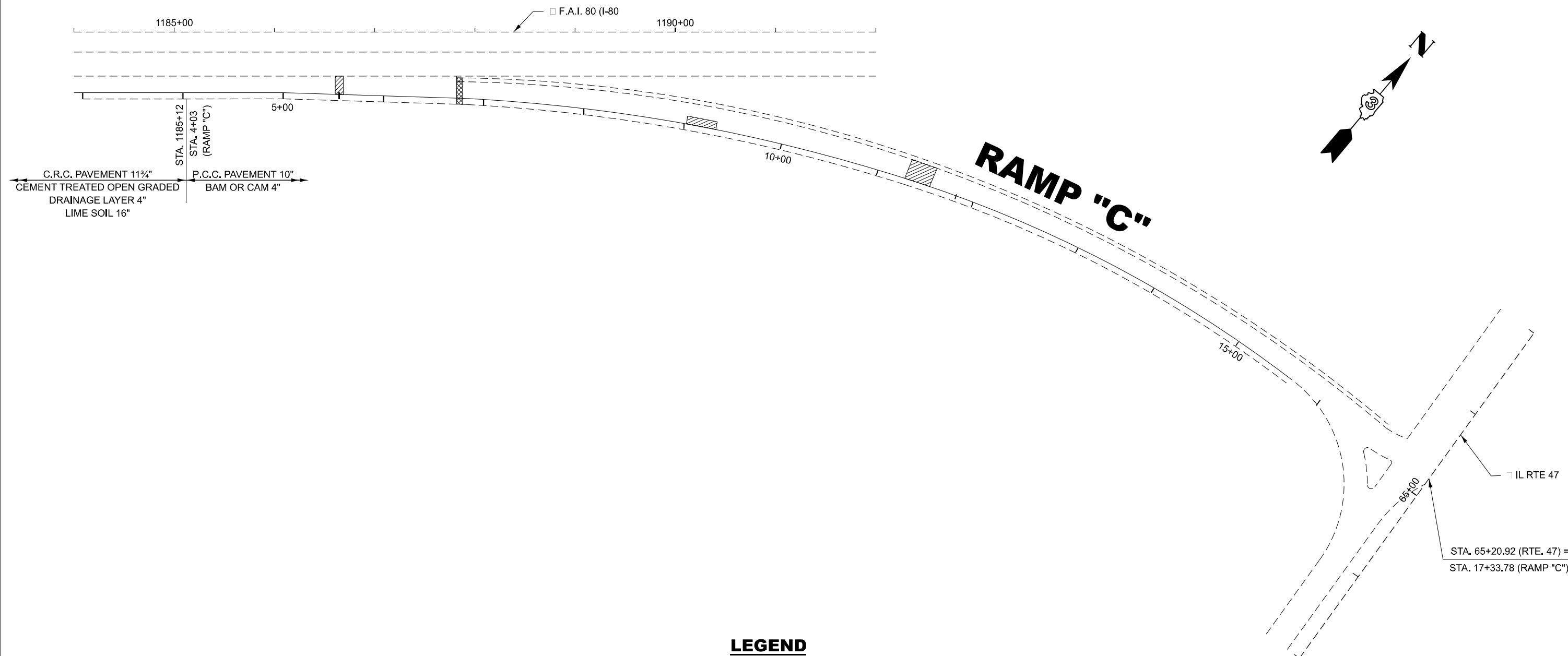
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DRAWN - RW	CHECKED - YP	REVISED - _____
PLOT SCALE = \$SCALE\$	DATE - 5/5/2023	REVISED - _____
PLOT DATE = \$DATE\$		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RAMP "B"  
PATCHING LOCATIONS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	21
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				



**LEGEND**

 **CLASS B PATCH 10"**

 **CLASS B PATCH - EXPANSION JOINT**

MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$

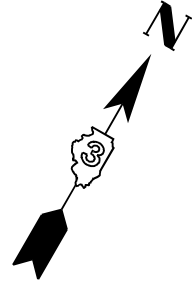
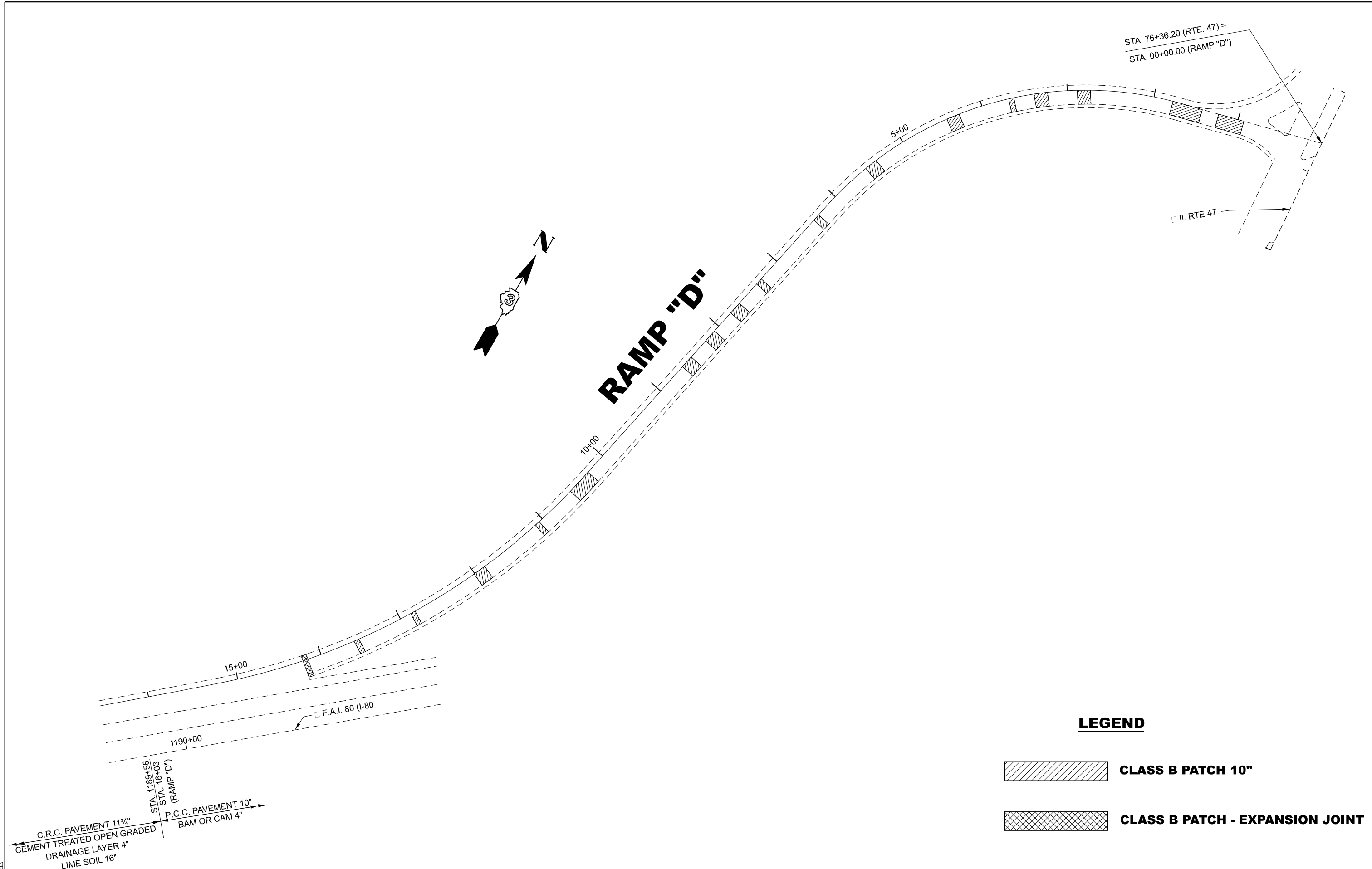
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	DRAWN - RW	REVISED - ____
PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED - ____
PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - ____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RAMP "C"  
PATCHING LOCATIONS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	22
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				

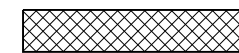


# RAMP "D"

## LEGEND



**CLASS B PATCH 10"**



**CLASS B PATCH - EXPANSION JOINT**

MODEL: \$MODELNAME\$  
FILE NAME: \$FILES\$

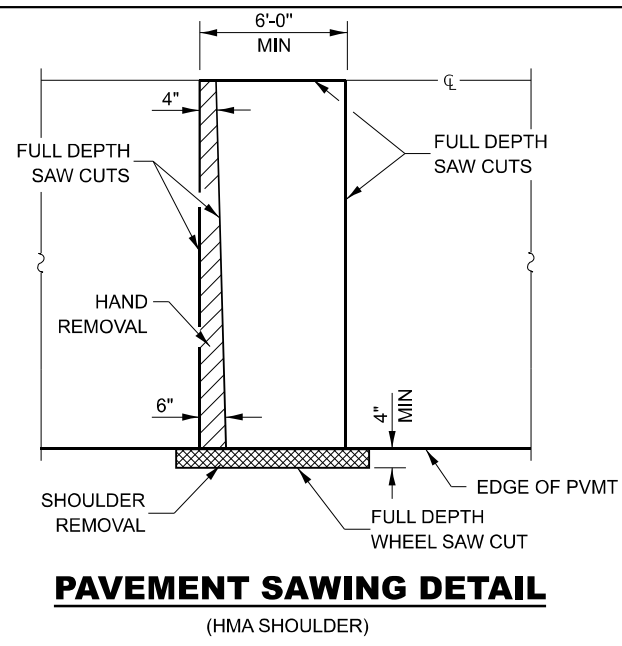
USER NAME = \$USERS\$	DESIGNED - RW	REVISED - _____
	DRAWN - RW	REVISED - _____
PLOT SCALE = \$SCALES\$	CHECKED - YP	REVISED - _____
PLOT DATE = \$DATES\$	DATE - 5/5/2023	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

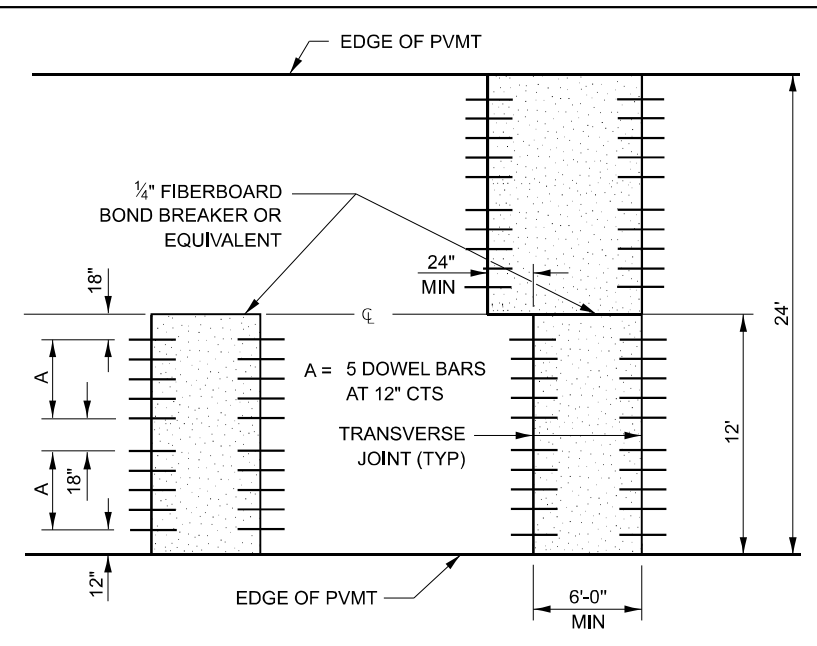
### RAMP "D" PATCHING LOCATIONS

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

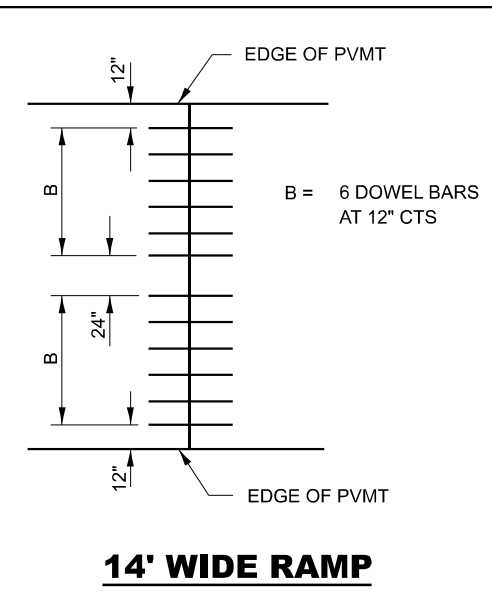
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	23
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				



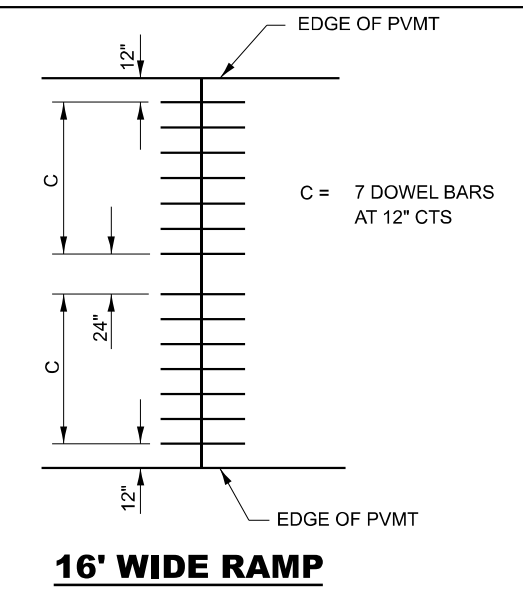
**PAVEMENT SAWING DETAIL**  
(HMA SHOULDER)



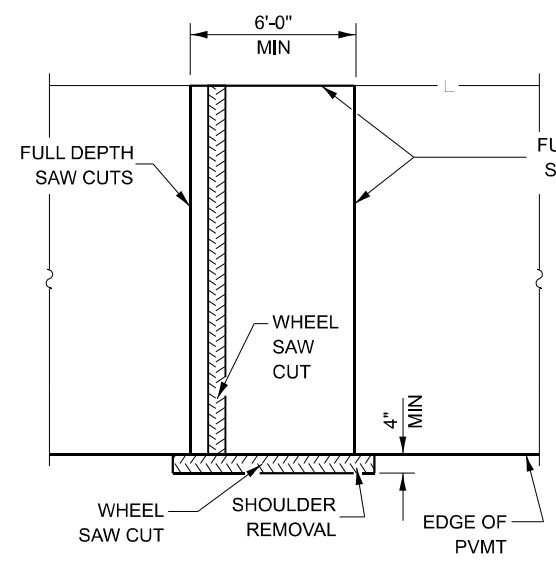
**12' WIDE LANES**



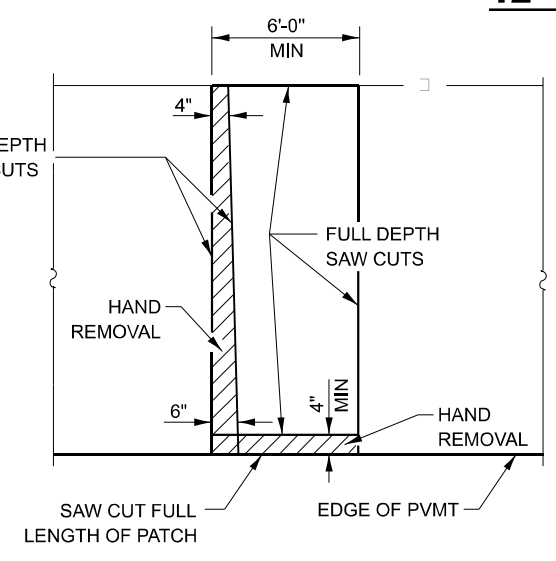
**14' WIDE RAMP**



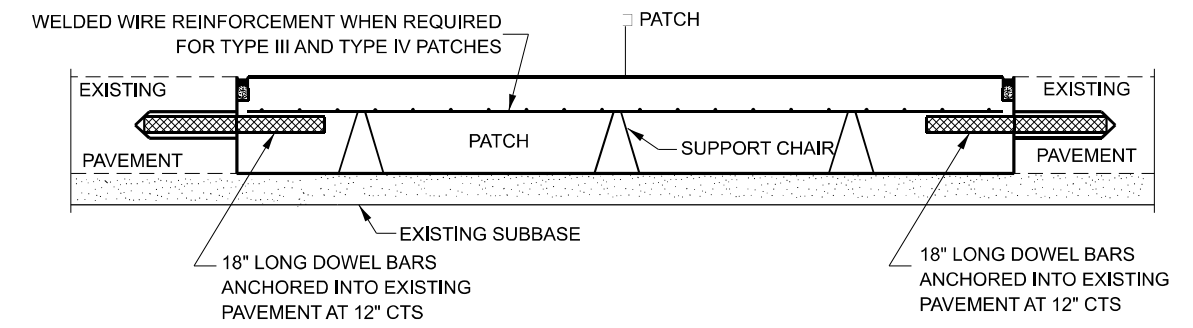
**16' WIDE RAMP**



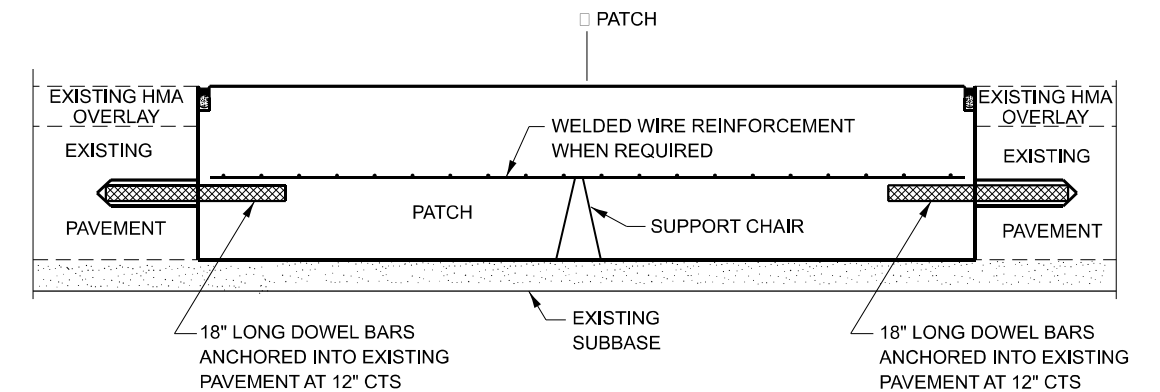
**ALTERNATE SAWING DETAIL**  
(HMA SHOULDER)



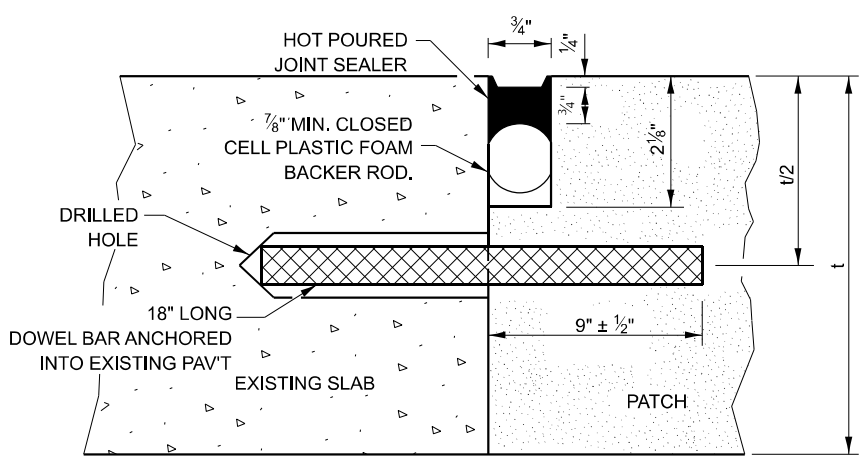
**PAVEMENT SAWING DETAIL**  
(PCC SHOULDER)



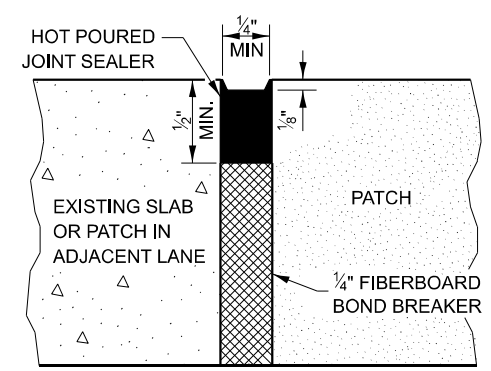
**PATCHING WITHOUT HMA OVERLAY**



**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 ADJACENT LANE WHENEVER POSSIBLE.

SEE STANDARD 420701 FOR DETAILS OF PAVEMENT WELDED WIRE REINFORCEMENT.

MODEL: \$MODELNAME\$  
FILE NAME: \$FILES\$

USER NAME = \$USERS\$	DESIGNED - RW	REVISED -
	DRAWN - RW	REVISED -
PLOT SCALE = \$SCALES\$	CHECKED - YP	REVISED -
PLOT DATE = \$DATES\$	DATE - 5/5/2023	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

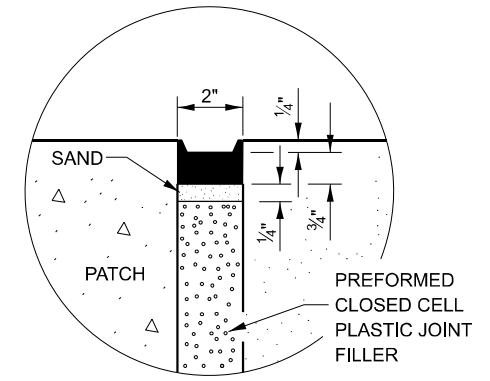
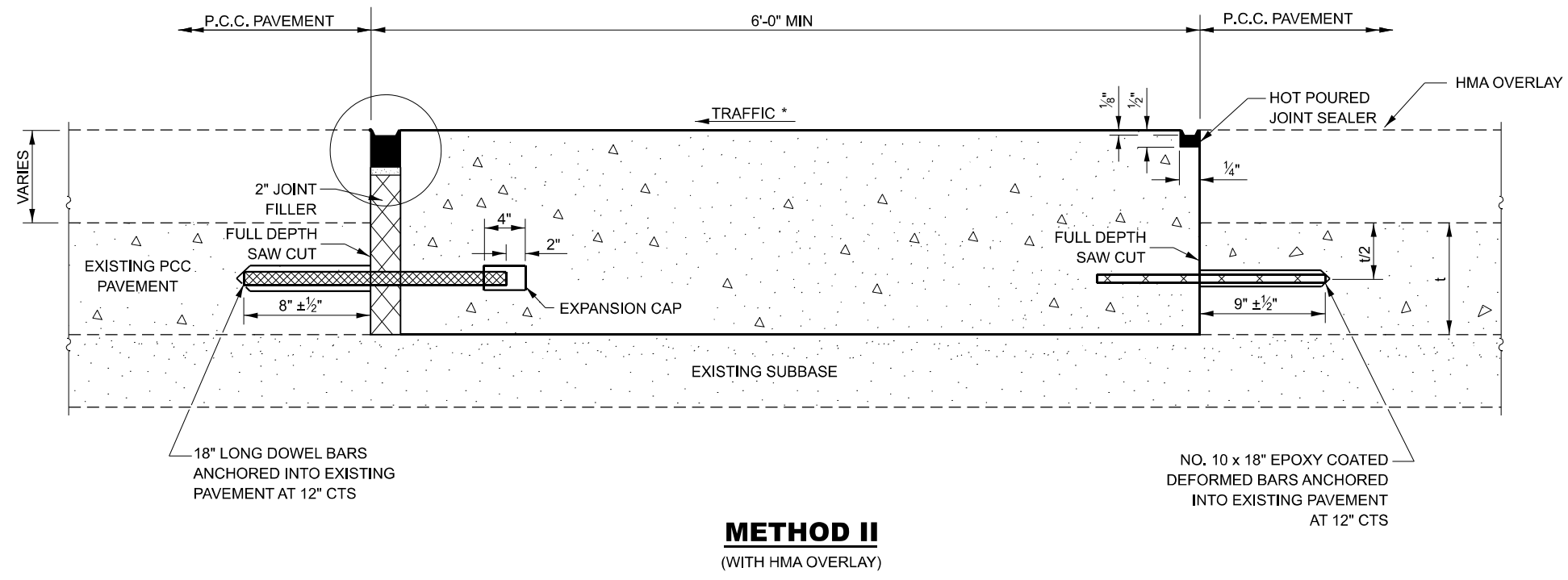
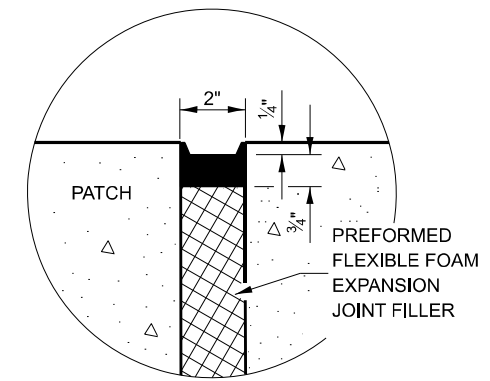
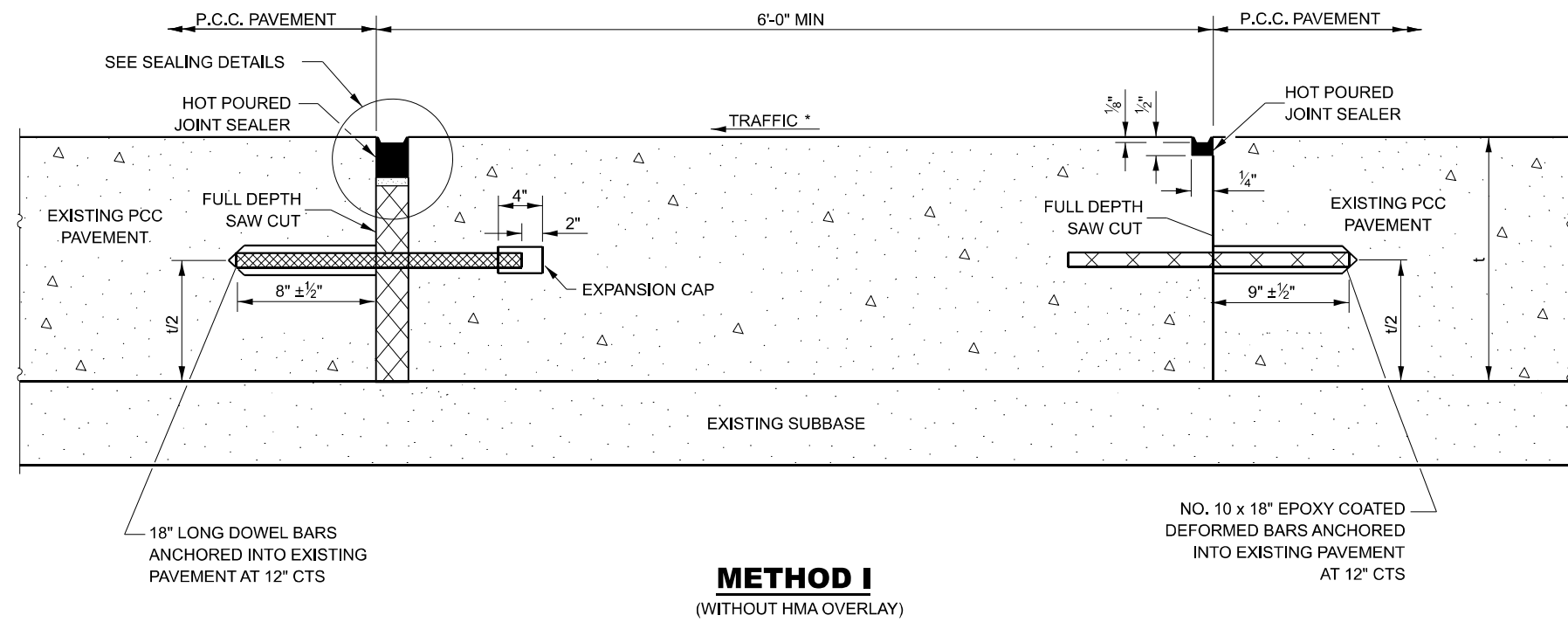
**CLASS B PATCHING DETAILS**

SCALE: \_\_\_\_\_ SHEET 1 OF 2 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	24
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				



**TRANSVERSE EXPANSION JOINTS**



**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.

MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$

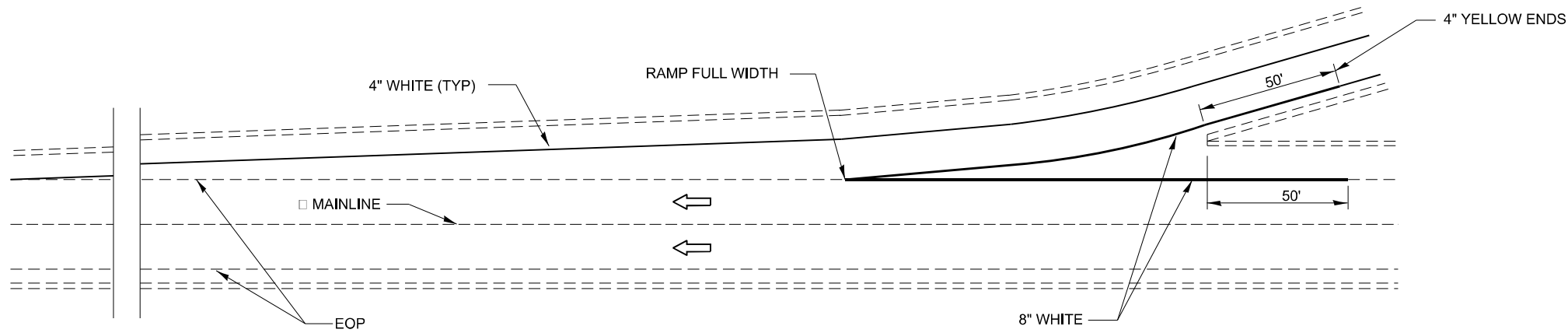
USER NAME = \$USER\$	DESIGNED - RW	REVISED - _____
	DRAWN - RW	REVISED - _____
PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED - _____
PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - _____

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

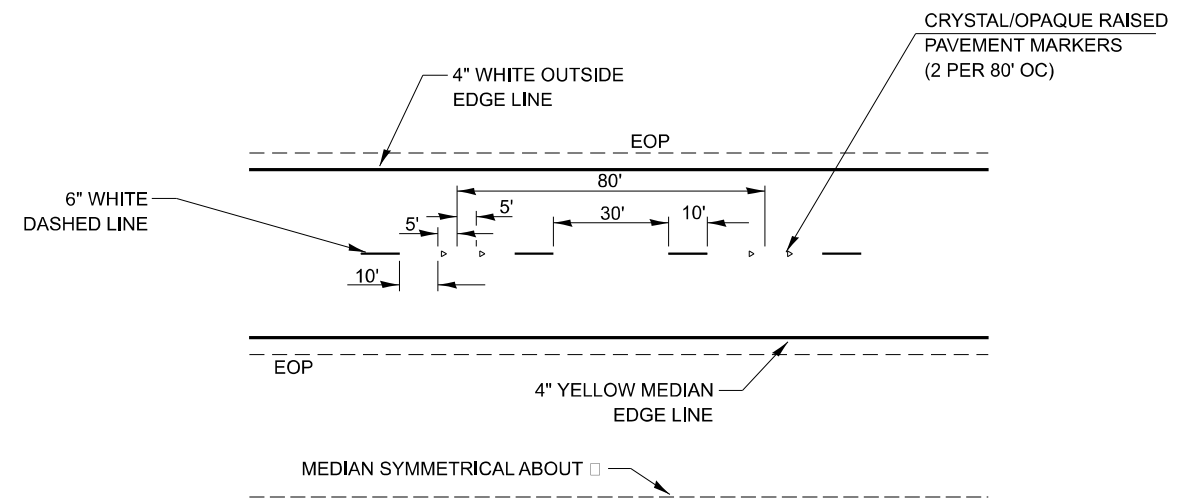
**CLASS B PATCHING DETAILS**

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

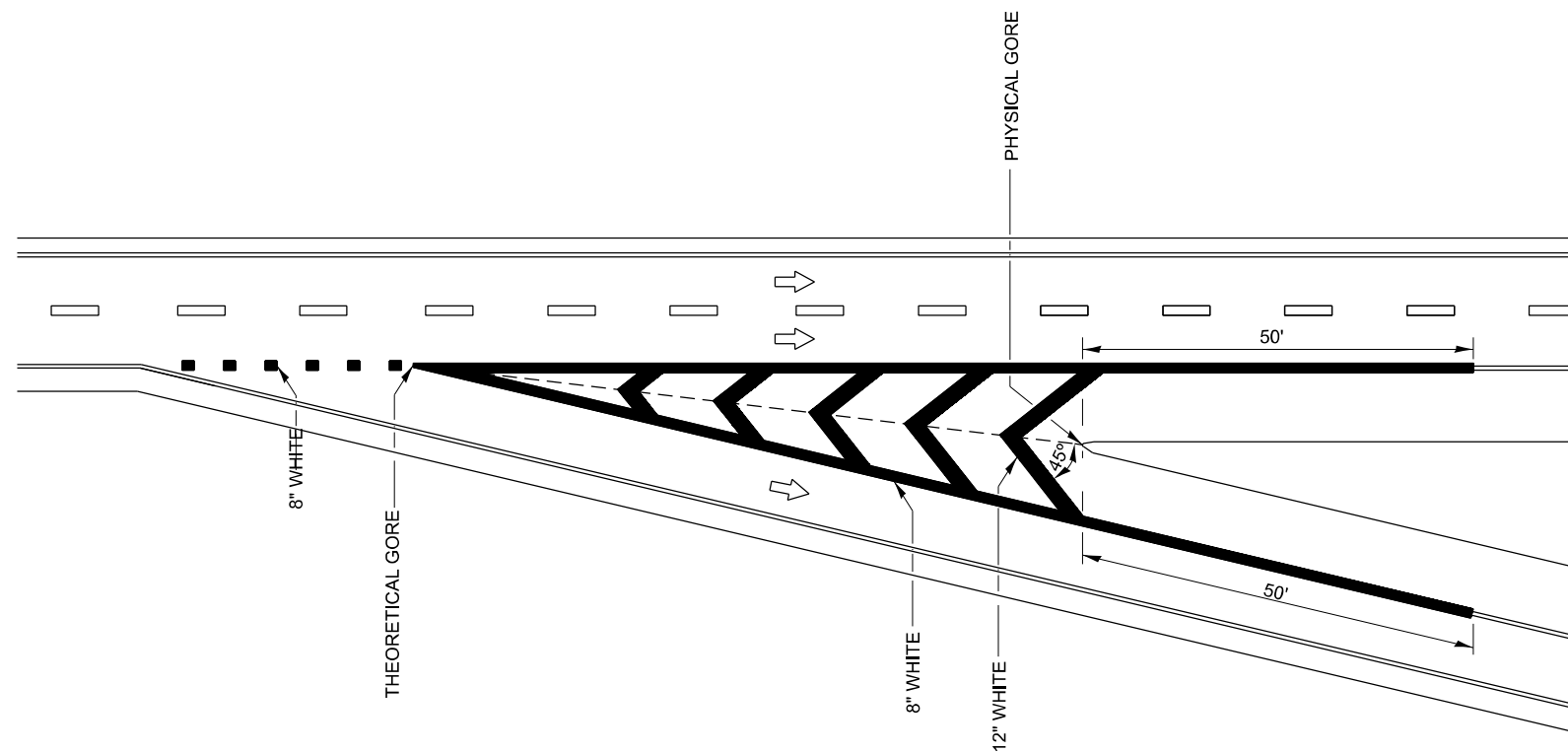
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	25
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				



**TYPICAL PAVEMENT MARKING FOR ENTRANCE RAMP TERMINALS**



**TYPICAL PAVEMENT MARKINGS**



**TYPICAL PAVEMENT MARKINGS FOR EXIT RAMP TERMINALS**

MODEL: \$MODELNAME\$  
FILE NAME: \$FILE\$

USER NAME = \$USER\$	DESIGNED - RW	REVISED - ___
	DRAWN - RW	REVISED - ___
PLOT SCALE = \$SCALE\$	CHECKED - YP	REVISED - ___
PLOT DATE = \$DATE\$	DATE - 5/5/2023	REVISED - ___

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL PAVEMENT STRIPPING**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32-3)K,PP-1	GRUNDY	27	26
CONTRACT NO. 66N48				
ILLINOIS FED. AID PROJECT				