

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

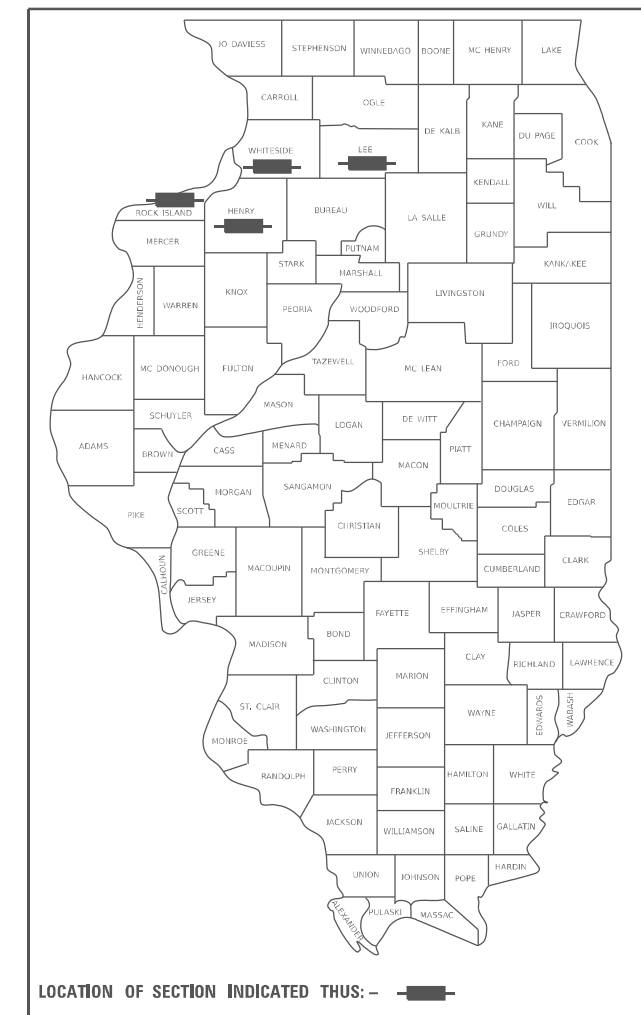
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2025-12	VARIOUS	14	1
		ILLINOIS	CONTRACT NO. 64U11	

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR STATE STANDARDS, SEE SHEET NO. 2

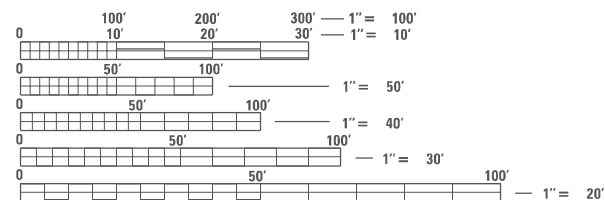
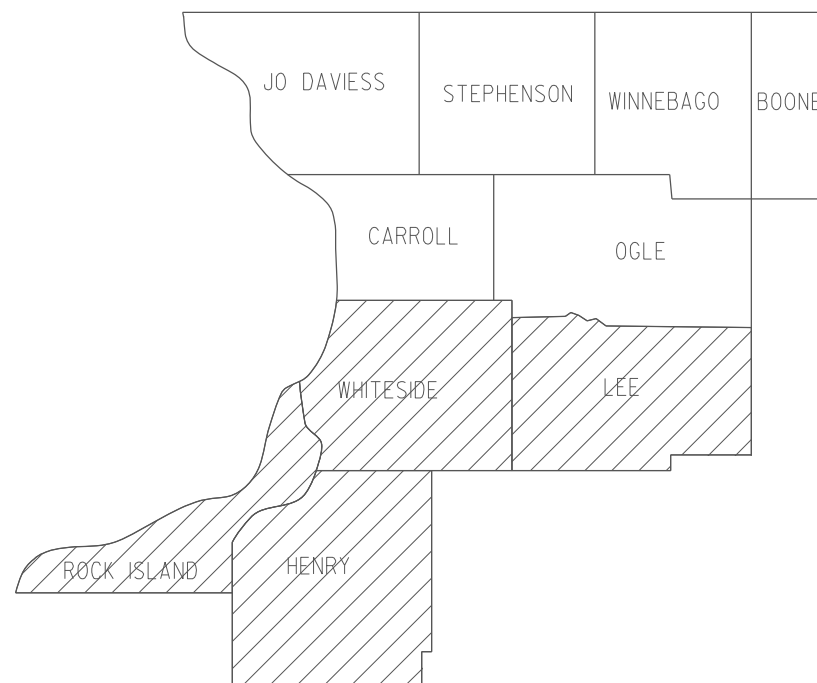
PROPOSED HIGHWAY PLANS

VARIOUS ROUTES
SECTION D2 BC 2025-12
PROJECT:
TYPE of IMPROVEMENT: BRIDGE WASHING
VARIOUS COUNTIES

D-92-086-25



C-92-007-25



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: DAVID DOSS (815) 284-5416
PROJECT MANAGER: DERRICK LOPEZ (815) 284-5398

CONTRACT NO. 64U11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED November 21 2024
Juha Thompson
REGIONAL ENGINEER

January 31 2025
Scott A. [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

January 31 2025
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS & STATE STANDARDS
3-4	SUMMARY OF QUANTITIES
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10-13	WORK ZONE SIGN DETAILS (DIST STD 34.1)
14	URBAN LANE INSIDE CLOSURE, MULTILANE, 2-WAY, WITH MOUNTABLE MEDIAN (DIST STD 35.1)

STATE STANDARDS

701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15'(4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15'(4.5m) TO 24"(600mm) FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS, ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-13	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701901-10	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)

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 FILE NAME: p:\idct-new-beadley.com\PIV\DOT\Documents\DOT_0_csr\District_2\ORD Projects\Operations\Bridg Section\Bridg Section\2025\March Letting\64U11 Bridge Washing at various locations (12)\CADD\64U11-ahc-cover.dgn

USER NAME = David.Doss	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & STATE STANDARDS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	VAR.	D2 BC 2025-12	VARIOUS	14	2
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -		CONTRACT NO. 64U11										
PLOT DATE = 10/28/2024	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

SUMMARY OF QUANTITIES

PAYCODE	DESCRIPTION	UNITS	0047 100% STATE INTERSTATE	TOTAL
59200101	BRIDGE WASHING NO. 1	EACH	1	1
59200102	BRIDGE WASHING NO. 2	EACH	1	1
59200103	BRIDGE WASHING NO. 3	EACH	1	1
59200104	BRIDGE WASHING NO. 4	EACH	1	1
59200105	BRIDGE WASHING NO. 5	EACH	1	1
59200106	BRIDGE WASHING NO. 6	EACH	1	1
59200107	BRIDGE WASHING NO. 7	EACH	1	1
59200108	BRIDGE WASHING NO. 8	EACH	1	1
59200109	BRIDGE WASHING NO. 9	EACH	1	1
59200110	BRIDGE WASHING NO. 10	EACH	1	1
59200111	BRIDGE WASHING NO. 11	EACH	1	1
59200112	BRIDGE WASHING NO. 12	EACH	1	1

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 FILE: \\dot-cw-beadley.com\P\INDOT\Documents\DOT 0_csr\District 2\ORD Projects\Operations\Bridges_Section\Bridges_Washing_Contracts\2025\March_Letting\64U11_Bridge_Washing_at_various_locations_(12)\CADD\64U11-sht-cover.dgn

USER NAME = David.Doss	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE = \$SCALES	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	VAR.	D2 BC 2025-12	VARIOUS	14	3
PLOT DATE = 10/28/2024	DATE -	REVISED -		CONTRACT NO. 64U11										
										ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

PAYCODE	DESCRIPTION	UNITS	0047 100% STATE INTERSTATE	TOTAL
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1

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USER NAME = David.Doss PLOT SCALE = \$SCALE\$ PLOT DATE = 10/28/2024	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	SCALE: SHEET OF SHEETS STA. TO STA.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="font-size: xx-small;">F.A. RTE.</th> <th style="font-size: xx-small;">SECTION</th> <th style="font-size: xx-small;">COUNTY</th> <th style="font-size: xx-small;">TOTAL SHEETS</th> <th style="font-size: xx-small;">SHEET NO.</th> </tr> <tr> <td style="font-size: xx-small;">VAR.</td> <td style="font-size: xx-small;">D2 BC 2025-12</td> <td style="font-size: xx-small;">VARIOUS</td> <td style="font-size: xx-small;">14</td> <td style="font-size: xx-small;">4</td> </tr> <tr> <td colspan="5" style="text-align: center; font-size: xx-small;">CONTRACT NO. 64U11</td> </tr> </table>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	VAR.	D2 BC 2025-12	VARIOUS	14	4	CONTRACT NO. 64U11				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																	
VAR.	D2 BC 2025-12	VARIOUS	14	4																	
CONTRACT NO. 64U11																					
					ILLINOIS FED. AID PROJECT																

SUMMARY OF QUANTITIES

PAYCODE	DESCRIPTION	UNITS	0047 NHPP - FLEX 90% FEDERAL 10% STATE INTERSTATE	TOTAL
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1

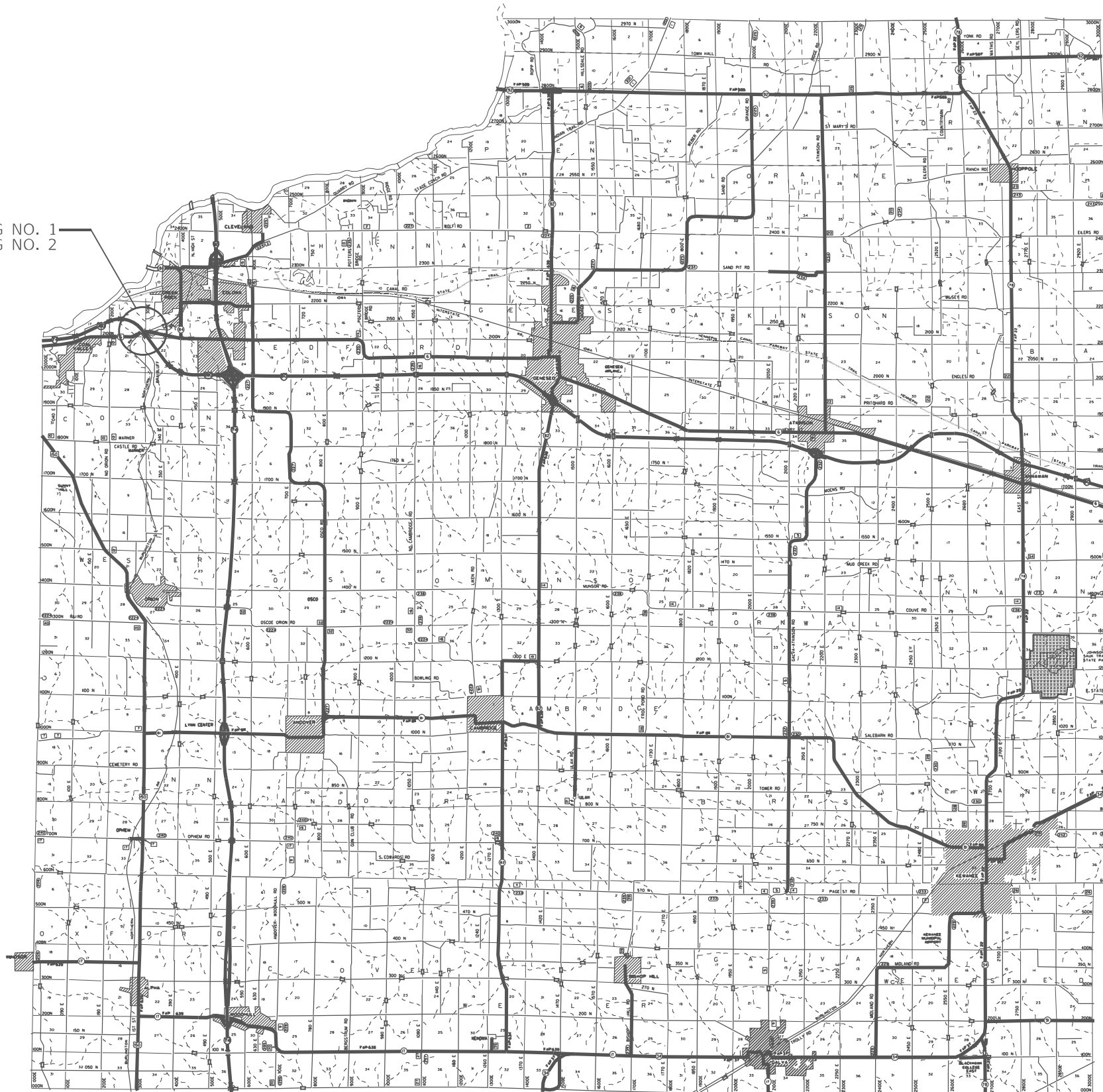
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USER NAME = David.Doss	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 10/28/2024	CHECKED -	REVISED -		SCALE:			CONTRACT NO. 64U11		
	DATE -	REVISED -		SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

HENRY COUNTY



LOCATION 1
 SN 037-0003 BRIDGE WASHING NO. 1
 SN 037-0004 BRIDGE WASHING NO. 2



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USER NAME = David.Doss	DESIGNED -	REVISED -
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PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 10/28/2024	DATE -	REVISED -

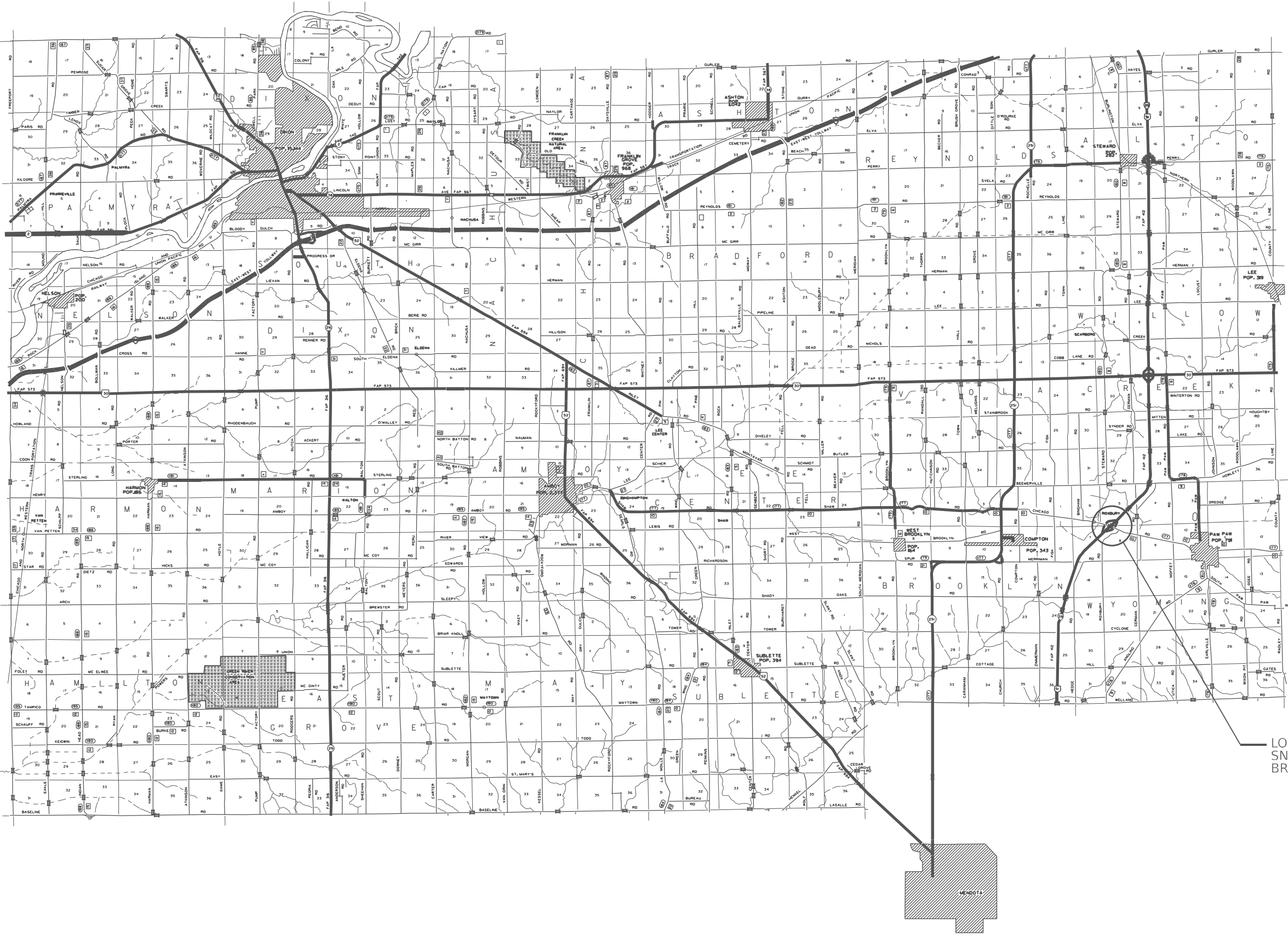
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**HENRY COUNTY
 LOCATION MAP**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2025-12	VARIOUS	14	6
			CONTRACT NO. 64U11	
		ILLINOIS	FED. AID PROJECT	

LEE COUNTY



LOCATION 2
SN 052-0055
BRIDGE WASHING NO. 3

MODEL: Default
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 CONTRACT: 2025\March Letting\64U11 Bridge Washing at various locations

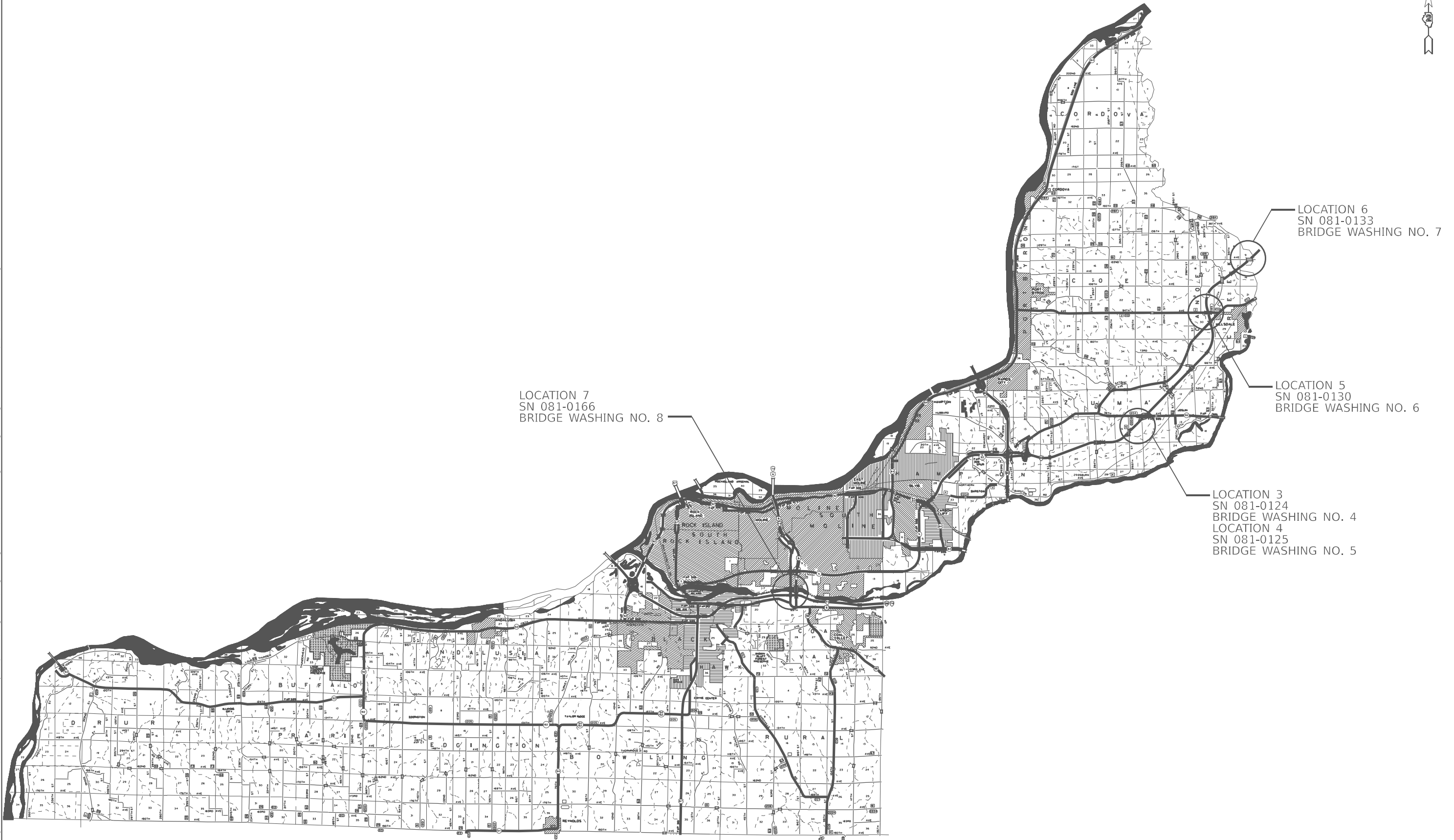
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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 10/28/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LEE COUNTY	
LOCATION MAP	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2025-12	VARIOUS	14	7
			CONTRACT NO. 64U11	
ILLINOIS FED. AID PROJECT				

ROCK ISLAND COUNTY



MODEL: Default
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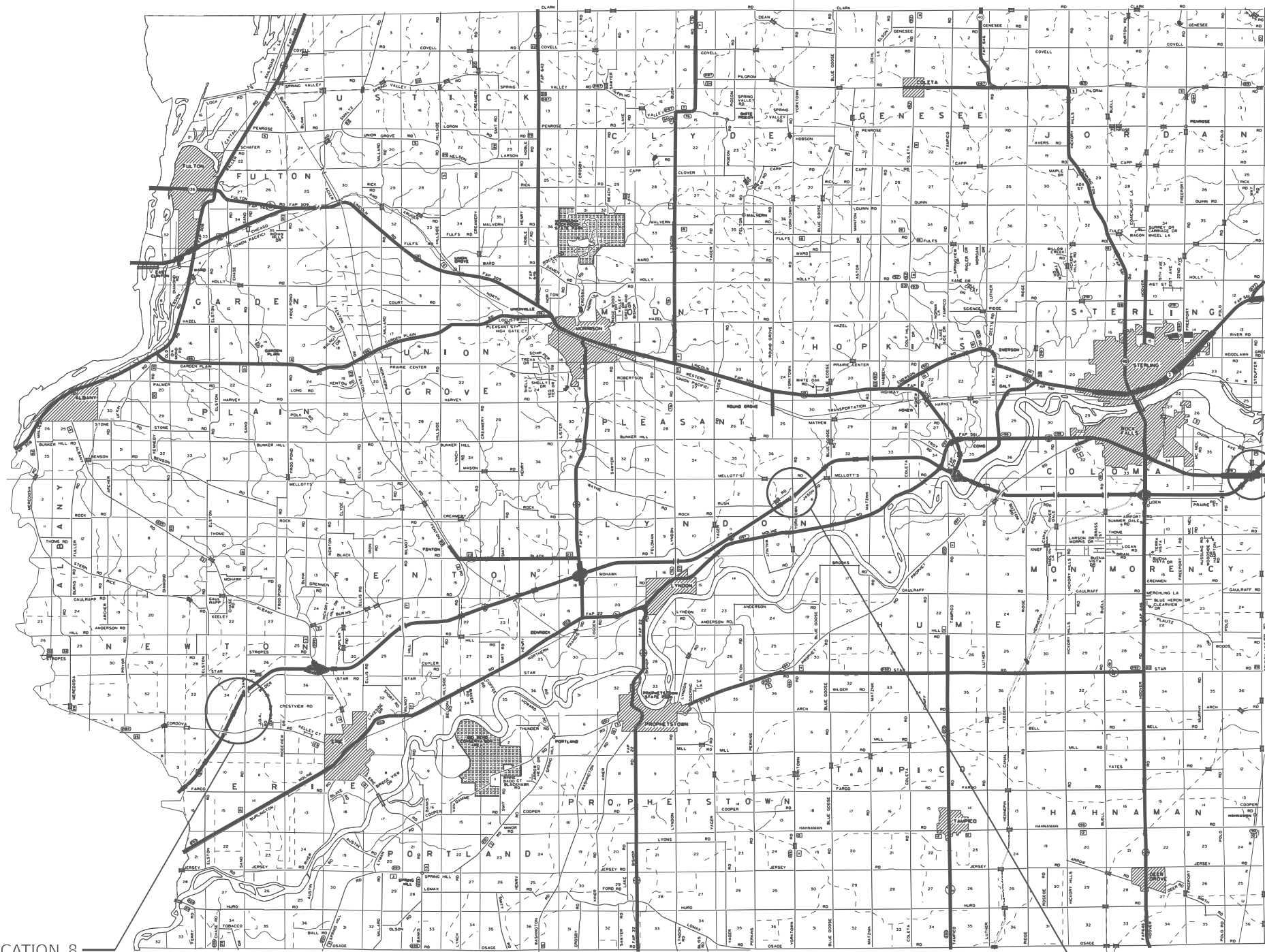
USER NAME = David.Doss	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 10/28/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROCK ISLAND COUNTY LOCATION MAP		
SCALE:	SHEET	OF SHEETS
	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2025-12	VARIOUS	14	8
CONTRACT NO. 64U11				
ILLINOIS FED. AID PROJECT				

WHITESIDE COUNTY



LOCATION 8
SN 098-0055
BRIDGE WASHING NO. 9
LOCATION 9
SN 098-0056
BRIDGE WASHING NO. 10

LOCATION 10
SN 098-0067
BRIDGE WASHING NO. 11

LOCATION 11
SN 098-0091
BRIDGE WASHING NO. 12

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USER NAME = David.Doss	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 10/28/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

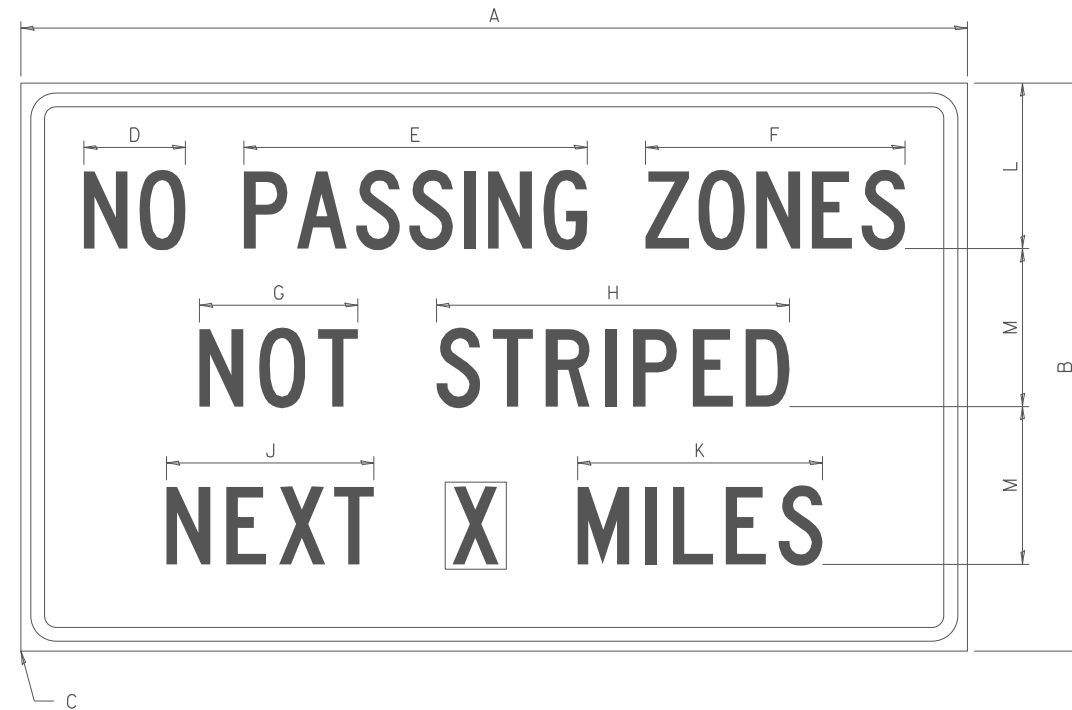
**WHITESIDE COUNTY
LOCATION MAP**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2025-12	VARIOUS	14	9
			CONTRACT NO. 64U11	
ILLINOIS FED. AID PROJECT				

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



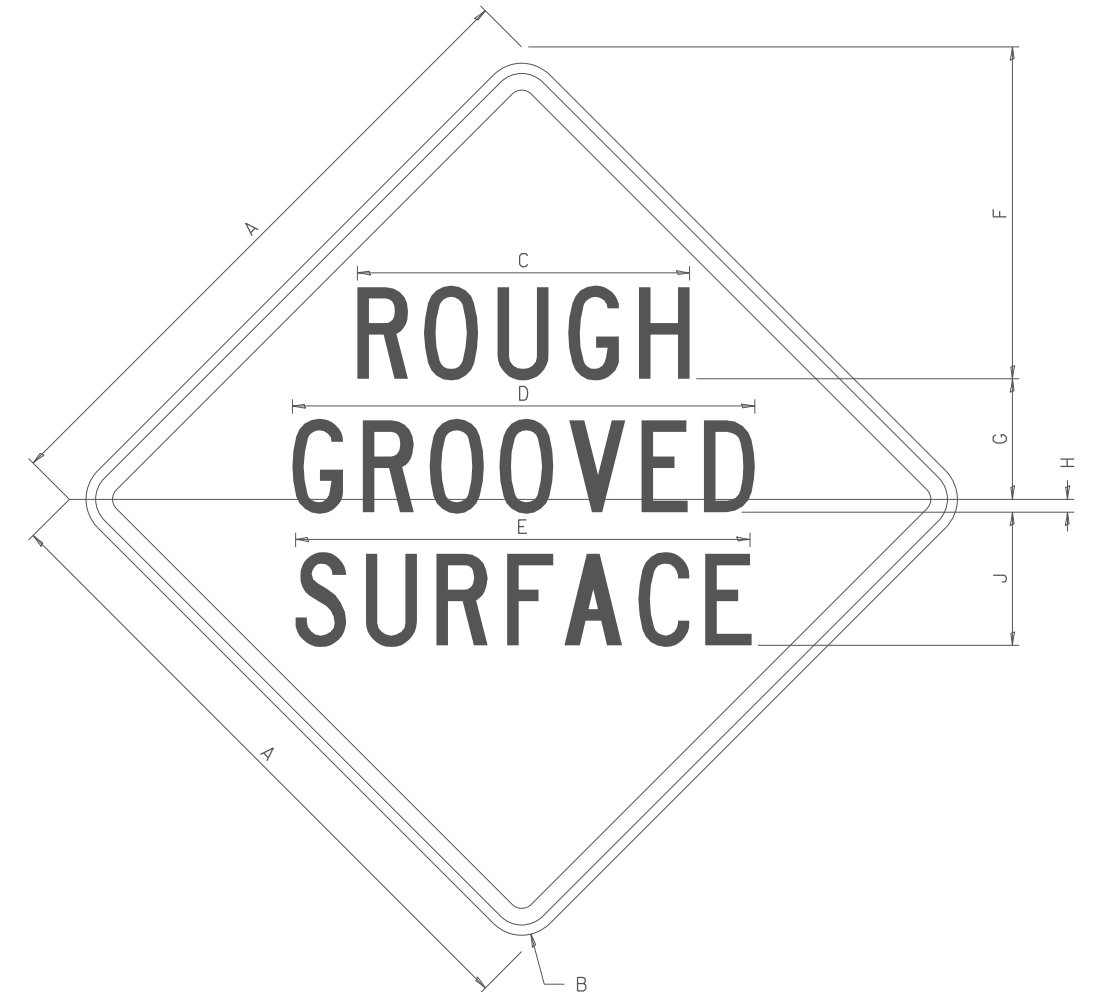
COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
60 x 36	60.00	36.00	2.25	6.4	21.80	16.40	10.00	22.40	13.20	15.50	10.50	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
60 x 36	5C	5C	5C	0.625	0.875

Sign not to scale

ILLINOIS STANDARD W8-I107



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS								
	A	B	C	D	E	F	G	H	J
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
48 x 48	7C	7C	7C	1.250	0.750

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

FILE NAME =	USER NAME = David.Doss	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN						REVISED	VAR.	D2 BC 2025-12	VARIOUS	14	10
CHECKED						REVISED	CONTRACT NO. 64U11				
PLOT DATE = 10/28/2024						REVISED	SCALE:	SHEET NO. OF	SHEETS	STA.	TO STA.

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS

STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR	LEGEND AND BORDER BACKGROUND	BLACK ORANGE	NON-REFLECTORIZED REFLECTORIZED
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COLOR	LEGEND AND BORDER BACKGROUND	BLACK WHITE	NON-REFLECTORIZED REFLECTORIZED
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Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border;
 [NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D;
 Table of letter and object lefts.

SIGN SIZE	SERIES BY LINE		
	1	2	3
24 x 24	4C	4C	4C

Sign not to scale

N	O	O	V	E	R	S	I	Z	E	-
11.7	18.1	30.0	36.2	42.8	48.4	54.4	60.7	63.5	69.5	80.8

O	V	E	R	W	E	I	G	H	T	L	O	A	D	S
2.6	8.6	15.0	20.4	26.2	33.4	38.8	41.3	47.4	53.2	64.5	69.9	75.9	82.9	88.7

X	X	M	I	L	E	S	A	H	E	A	D
7.6	13.6	25.3	32.3	35.1	40.6	46.2	57.9	65.1	71.4	76.6	83.7

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

FILE NAME =	USER NAME = David.Doss	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:/ildot-pw.bentley.com/PWIDOT/Documents/IDOT Offices/District 2/ORD Projects/Operate/BRIDGE Section/Bridge Washing Control/REVISED/	DRAWN	CHECKED	REVISED			VAR.	D2 BC 2025-12	VARIOUS	14	12
PLOT SCALE = #SCALE#	CHECKED	REVISED	REVISED			CONTRACT NO. 64U1				
PLOT DATE = 10/28/2024	DATE	REVISED	REVISED			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

**ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS**

WORK ZONE SIGN DETAILS



COLOR LEGEND AND BORDER BLACK NON-REFLECTORIZED
 BACKGROUND ORANGE REFLECTORIZED

2.25" Radius, 0.88" Border, 0.50" Indent;
[CAUTION] D; [ONE LANE ROAD] D;
[FOLLOW TRAFFIC] D; [FLOW] D

② This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

22.31	C	0.62	A	0.94	U	0.94	T	0.94	I	1.17	O	1.17	N	3.36	22.31
3.36	3.36	4.18	3.36	3.04	3.52	3.36	0.78	1.17	3.52	1.17	3.36	3.36	3.36	3.36	3.36

8.23	O	1.17	N	1.18	E	3.04
3.51	3.51	3.36	3.36	3.04	3.04	3.04

5.00	L	0.31	A	0.94	N	1.17	E	3.05
3.05	3.05	4.18	3.36	3.36	3.36	3.05	3.05	3.05

5.00	R	0.93	O	0.94	A	0.93	D	8.23
3.36	3.36	3.52	3.52	4.18	3.36	3.36	3.36	8.23

7.43	F	0.94	O	1.17	L	0.94	L	0.94	O	0.94	W	4.37
3.04	3.04	3.52	3.52	3.04	3.04	3.04	3.04	3.52	3.52	3.52	4.37	4.37

5.00	T	0.94	R	0.94	A	0.93	F	0.94	F	0.94	I	1.18	C	7.43
3.05	3.05	3.36	3.36	4.18	3.36	3.04	3.04	3.04	3.04	0.78	1.18	3.35	7.43	7.43

27.60	F	0.94	L	0.94	O	0.93	W	27.60
3.05	3.05	3.04	3.04	3.52	3.36	4.38	4.38	27.60

Sign not to scale

GENERAL NOTES

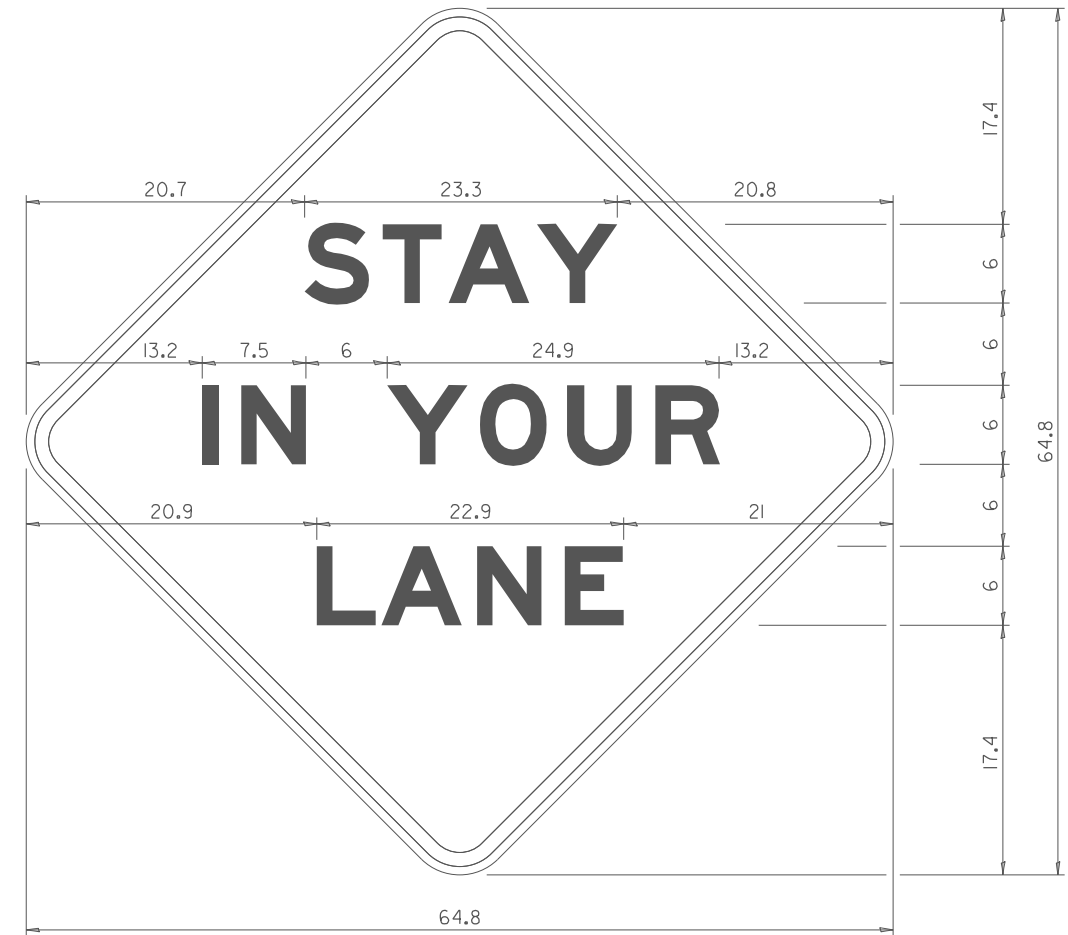
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

STAY IN YOUR LANE



COLOR LEGEND AND BORDER BLACK NON-REFLECTORIZED
 BACKGROUND ORANGE REFLECTORIZED

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent;
"STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

Table of Letter and Object Lefts

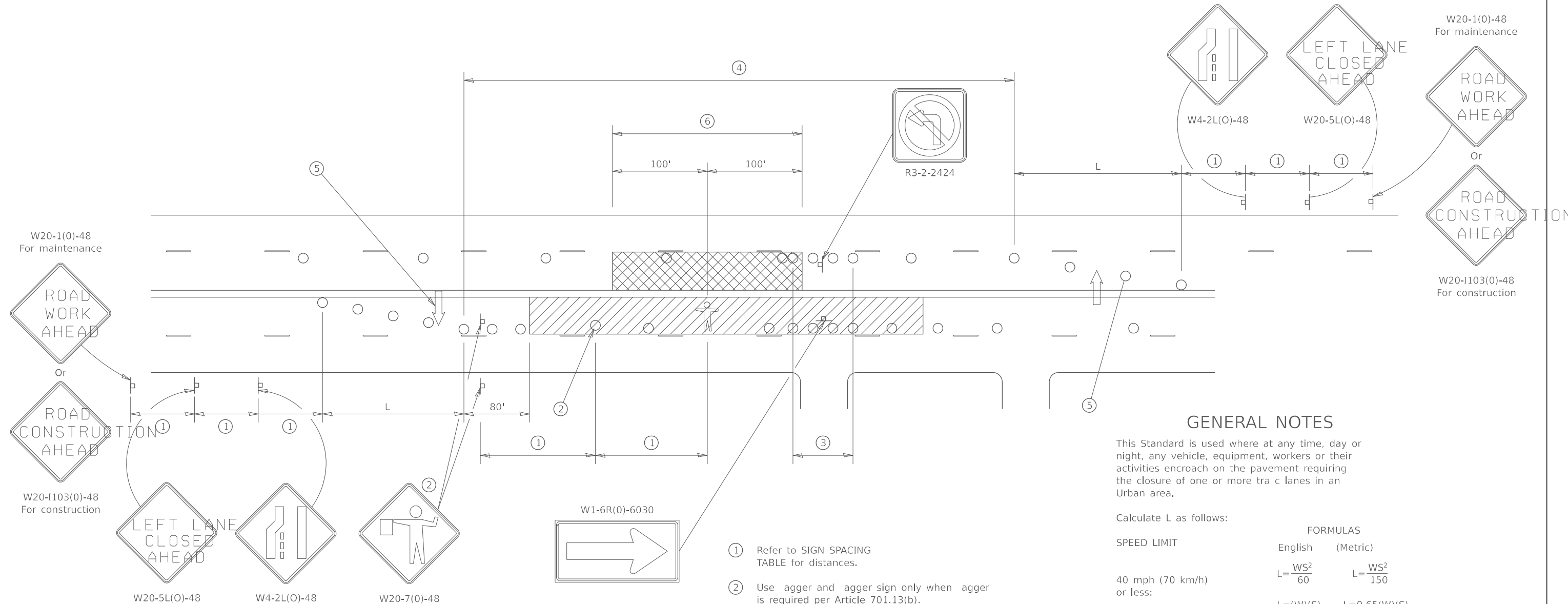
S	T	A	Y
20.7	26.8	31.6	38.0

I	N	Y	O	U	R
13.2	15.9	26.7	33.9	40.5	46.8

L	A	N	E
20.9	25.8	33.1	39.4

Sign not to scale

URBAN LANE INSIDE CLOSURE, MULTILANE, 2-WAY, WITH MOUNTABLE MEDIAN



GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one or more traffic lanes in an Urban area.

Calculate L as follows:

SPEED LIMIT	FORMULAS	
	English	(Metric)
40 mph (70 km/h) or less:	$L = \frac{WS^2}{60}$	$L = \frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L = (W)(S)$	$L = 0.65(W)(S)$

W = Width of road in feet (meters).
S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

Lane closures in the opposite direction shall be removed when no workers are present.

Cones or reflectorized cones shall not be used during hours of darkness.

This Traffic Control detail shall be included in the cost of Traffic Control and Protection Standard 701606.

SYMBOLS

- WORK AREA
- CLOSED LANE
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- CONE, DRUM OR BARRICADE
- FLAGGER WITH TRAFFIC CONTROL SIGN.
- WORKER ON FOOT

SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

- ① Refer to SIGN SPACING TABLE for distances.
- ② Use flagger and flagger sign only when flagger is required per Article 701.13(b).
- ③ Devices at 10' centers from edge of radius return to edge of radius return when left turns are prohibited due to actively working in the intersection.
- ④ Cones at 20' (6 m) centers for 250' (75 m). Additional cones may be placed at 40' (12 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled (excluding devices in intersections).
- ⑤ Cones, drums or barricades at 20' (6 m) centers in taper.
- ⑥ No equipment, materials, vehicles, or other hazards are allowed in the closed lane in the opposite direction within 100' of a worker on foot.