

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

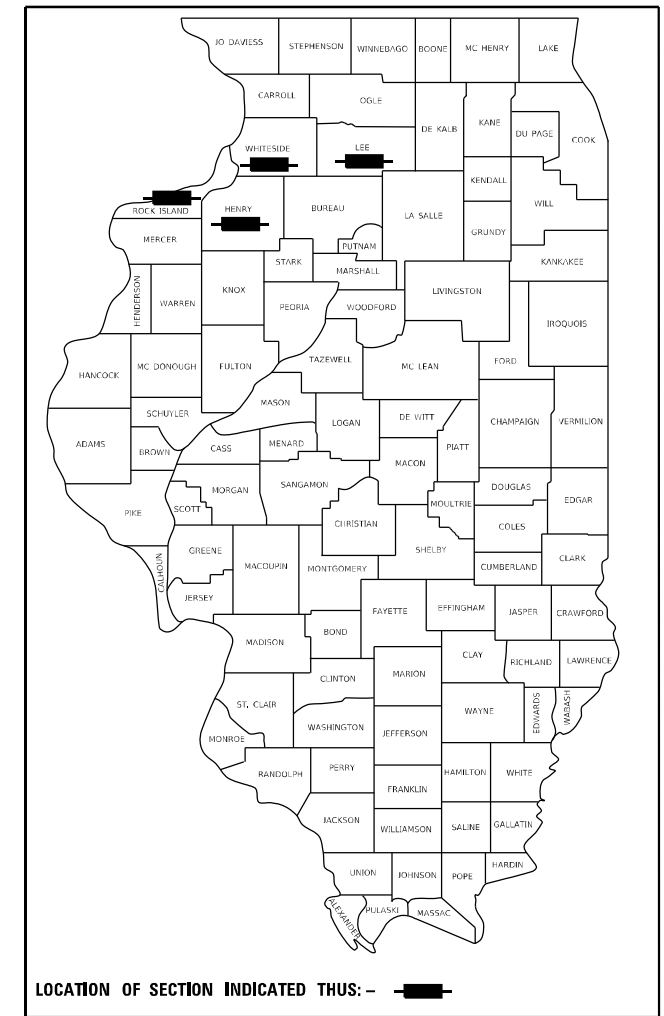
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2022-12	VARIOUS	14	1
		ILLINOIS	CONTRACT NO. 64R76	

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

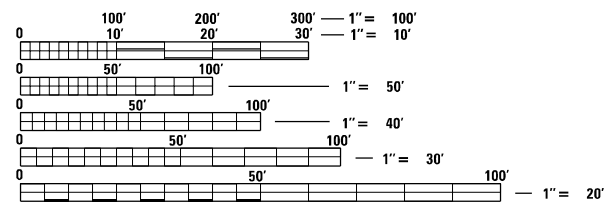
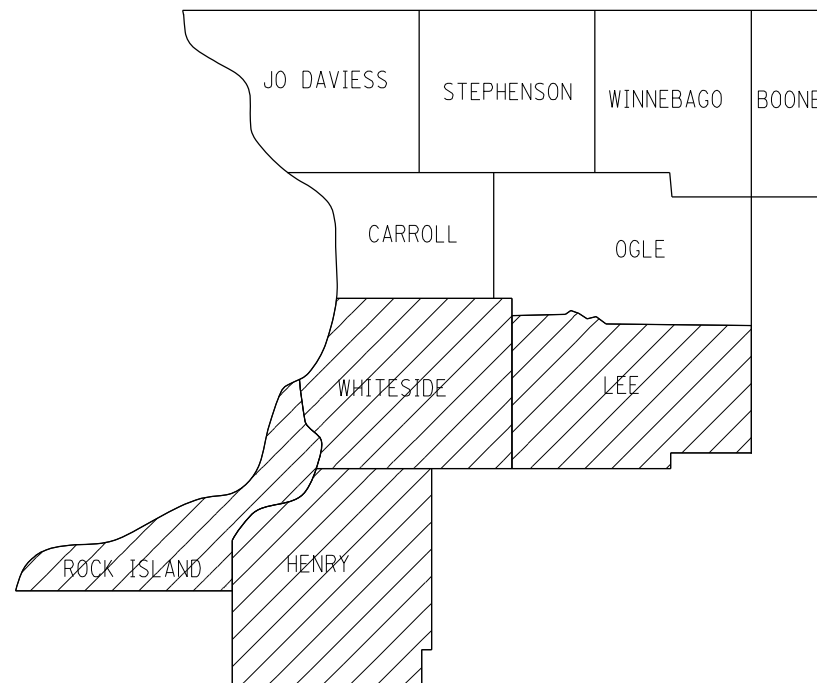
PROPOSED
HIGHWAY PLANS

VARIOUS ROUTES
SECTION D2 BC 2022-12
PROJECT: NHPP-MNUT(880)
TYPE of IMPROVEMENT: BRIDGE WASHING
VARIOUS COUNTIES

D-92-034-22



C-92-100-22



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: MAHMOUD ETEMADI (815) 284-5393

CONTRACT NO. 64R76

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Aug 15, 2022

REGIONAL ENGINEER

October 14, 2022 ENGINEER OF DESIGN AND ENVIRONMENT

October 14, 2022 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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2	INDEX OF SHEETS & STATE STANDARDS
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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
701400-11	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
701901-08	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)

MODEL: Default
 FILE: \\blmfc-pw-bentley.com\P\W\DOT\Documents\DOT Office\Dir\dr. 2\Project\Operations\Bridge_Section\Bridg. Washing Contracts\2023\64R76 Bridge Washing at various locations (12)\CADD\64R76-shr-cover.dgn

USER NAME = David.Doss	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & STATE STANDARDS		F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN - _____	REVISED - _____			SCALE: _____	SHEET ____ OF ____ SHEETS	STA. _____ TO STA. _____	VAR.	D2 BC 2022-12	VARIOUS	14	2
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____									CONTRACT NO. 64R76
PLOT DATE = Jun-13-2022 11:54:23 AM	DATE - _____	REVISED - _____									ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

PAYCODE	DESCRIPTION	UNITS	0047 NHPP - FLEX 90% FEDERAL 10% STATE INTERSTATE	0047 NHPP - FLEX 80% FEDERAL 20% STATE NON- 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: \\naulst-cw-bentley.com\P\INDOT\Documents\DOT Office\District 2\Project\Operations\Bridge Section\Bridge Washing Contracts\2023\64R76 Bridge Washing at various locations (12)\CAD\64R76-bht-cover.dgn

USER NAME = David.Doss	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Aug-22-2022 04:11:22 PM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2022-12	VARIOUS	14	3
CONTRACT NO. 64R76				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

PAYCODE	DESCRIPTION	UNITS	0047 NHPP - FLEX 90% FEDERAL 10% STATE INTERSTATE	047 NHPP - FLEX 80% FEDERAL 20% STATE NON - INTERSTATE	TOTAL
67100100	MOBILIZATION	L SUM	0.10	0.90	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH		1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	0.20	0.80	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	0.50	0.50	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM		1	1

MODEL: Default
 FILE: \\bluest-pw-bentley.com\P\DOT\Documents\DOT Office\District 2\Project\Operations\Bridge Section\Bridge - Various Locations (12)\CAD\64R76-shr-cover.dgn

USER NAME = David.Doss	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Aug-22-2022 04:11:38 PM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2022-12	VARIOUS	14	4
			CONTRACT NO. 64R76	
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

PAY ITEM	PROJECT LOCATION	SN	FACILITY CARRIED	FEATURE CROSSED	BRIDGE LOCATION	TRAFFIC CONTROL
BRIDGE WASHING NO. 1	1	037-0003	FAI 74 & 280 EB	US6, BN RR, & TR38	1 MI SW GREEN ROCK	701400, 701406 & 701201
BRIDGE WASHING NO. 2		037-0004	FAI 74 & 280 WB	US6, BN RR, & TR38	1 MI SW GREEN ROCK	701400, 701406 & 701201
BRIDGE WASHING NO. 3	2	052-0055	CHICAGO RD	I-39 & US 51	4.8 MI S OF US 30	701400, 701406 & 701201
BRIDGE WASHING NO. 4	3	081-0124	265 ST N CH 4	I-88	0.9 MI SW JCT ILL 92	701400, 701406 & 701201
BRIDGE WASHING NO. 5	4	081-0125	FAS 1204 ILL 92	I-88	8.0 MI. E. SILVIS	701400, 701406 & 701201
BRIDGE WASHING NO. 6	5	081-0130	MOLINE RD (OLD IL2)	I-88	1.5 MI. W.HILLSDALE	701400, 701406 & 701201
BRIDGE WASHING NO. 7	6	081-0133	122ND AVE N	I-88	.2 MI W WHITESIDE CO	701400, 701406 & 701201
BRIDGE WASHING NO. 8	7	081-0166	27TH ST. - MOLINE	FAI 280	S EDGE MOLINE	701400, 701406, 701606 & 701411
BRIDGE WASHING NO. 9	8	098-0055	FAS 2184 CORDOVA RD	I-88	2.5 MI. W.ERIE	701400, 701406 & 701201
BRIDGE WASHING NO. 10	9	098-0056	CH 21 SAND RD	I-88 & STREAM	2.5 MI. NW. ERIE	701400, 701406 & 701201
BRIDGE WASHING NO. 11	10	098-0067	YORKTOWN ROAD	I-88	3 MI NE LYNDON	701400, 701406 & 701201
BRIDGE WASHING NO. 12	11	098-0091	US 30	I-88	3 MI EAST ROCK FALLS	701400, 701406 & 701201

MODEL: Default
 FILE: \\blmfc-pw-bentley.com\PW\DOT\Documents\DOT Office\District 2\Project\Operations\Bridge Section\Bridge Washing Contracts\2023\64R76 Bridge Washing at various locations (12)\CAD\64R76-bht-cover.dgn

USER NAME = David.Doss	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Jun-13-2022 11:54:43 AM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

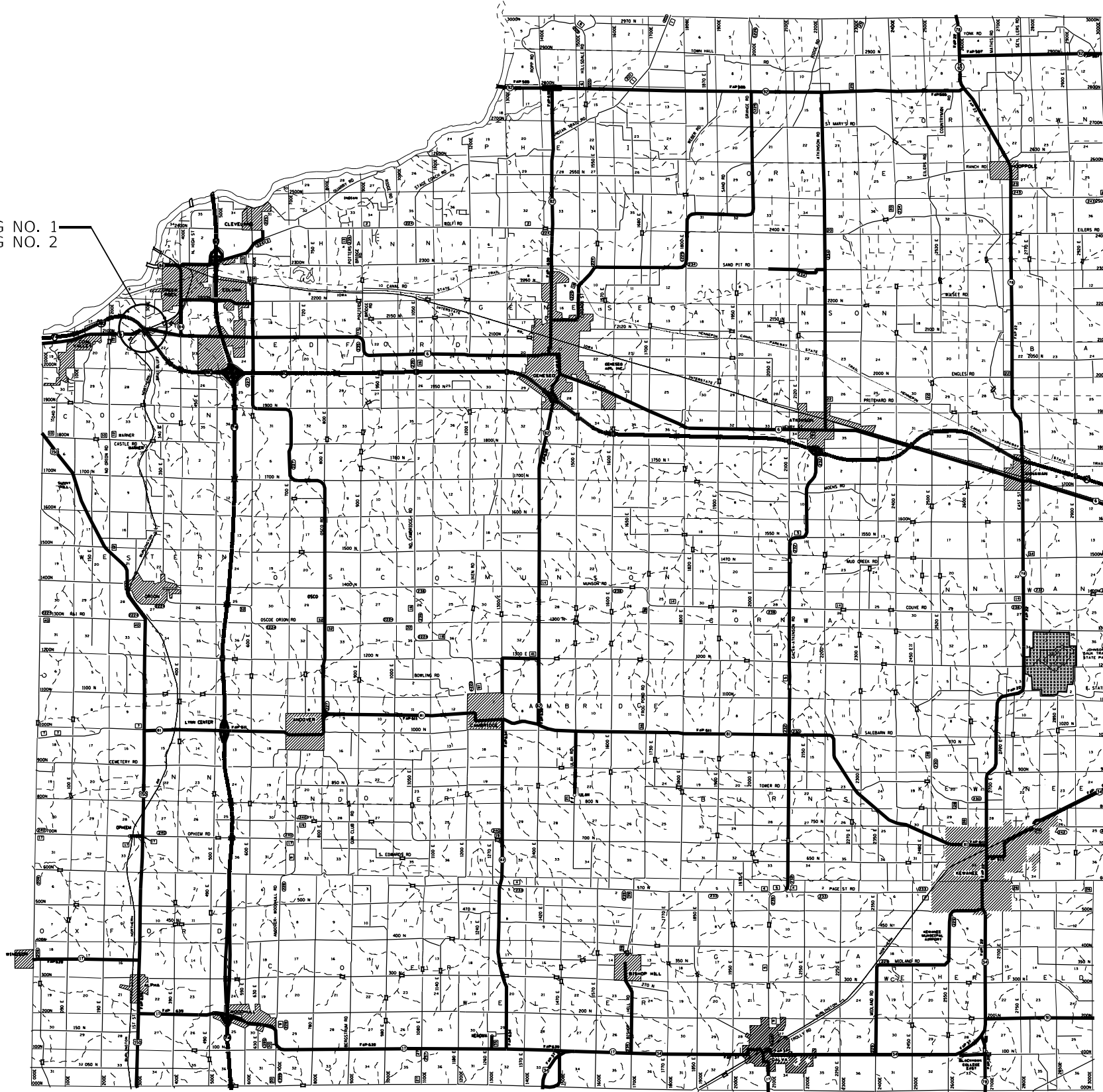
SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2022-12	VARIOUS	14	5
CONTRACT NO. 64R76			ILLINOIS FED. AID PROJECT	

HENRY COUNTY



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



MODEL: Default
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USER NAME = David.Doss	DESIGNED - _____	REVISED - _____
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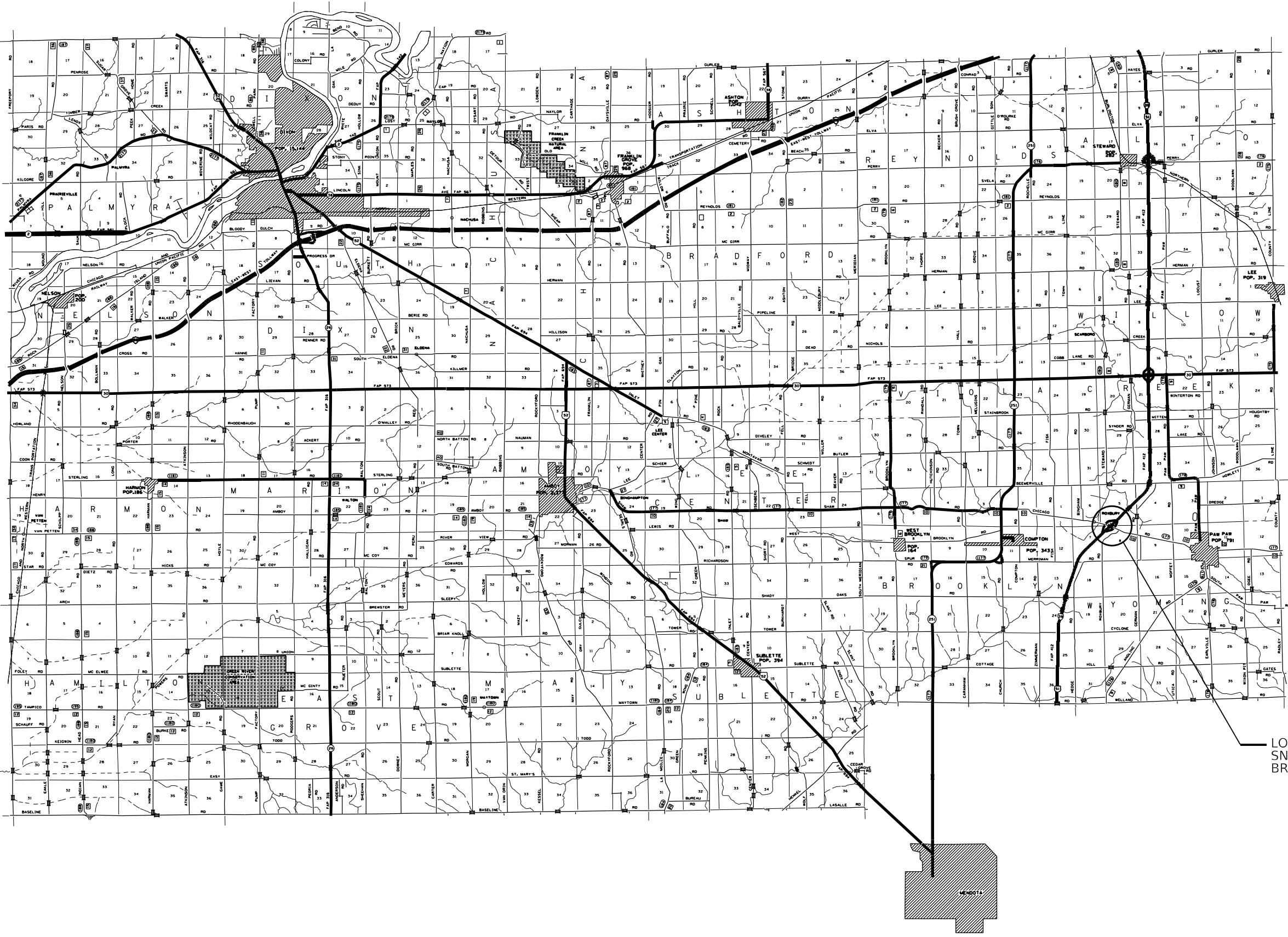
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**HENRY COUNTY
 LOCATION MAP**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2022-12	VARIOUS	14	6
			CONTRACT NO. 64R76	
ILLINOIS FED. AID PROJECT				

LEE COUNTY



LOCATION 2
SN 052-0055
BRIDGE WASHING NO. 3

MODEL: Default
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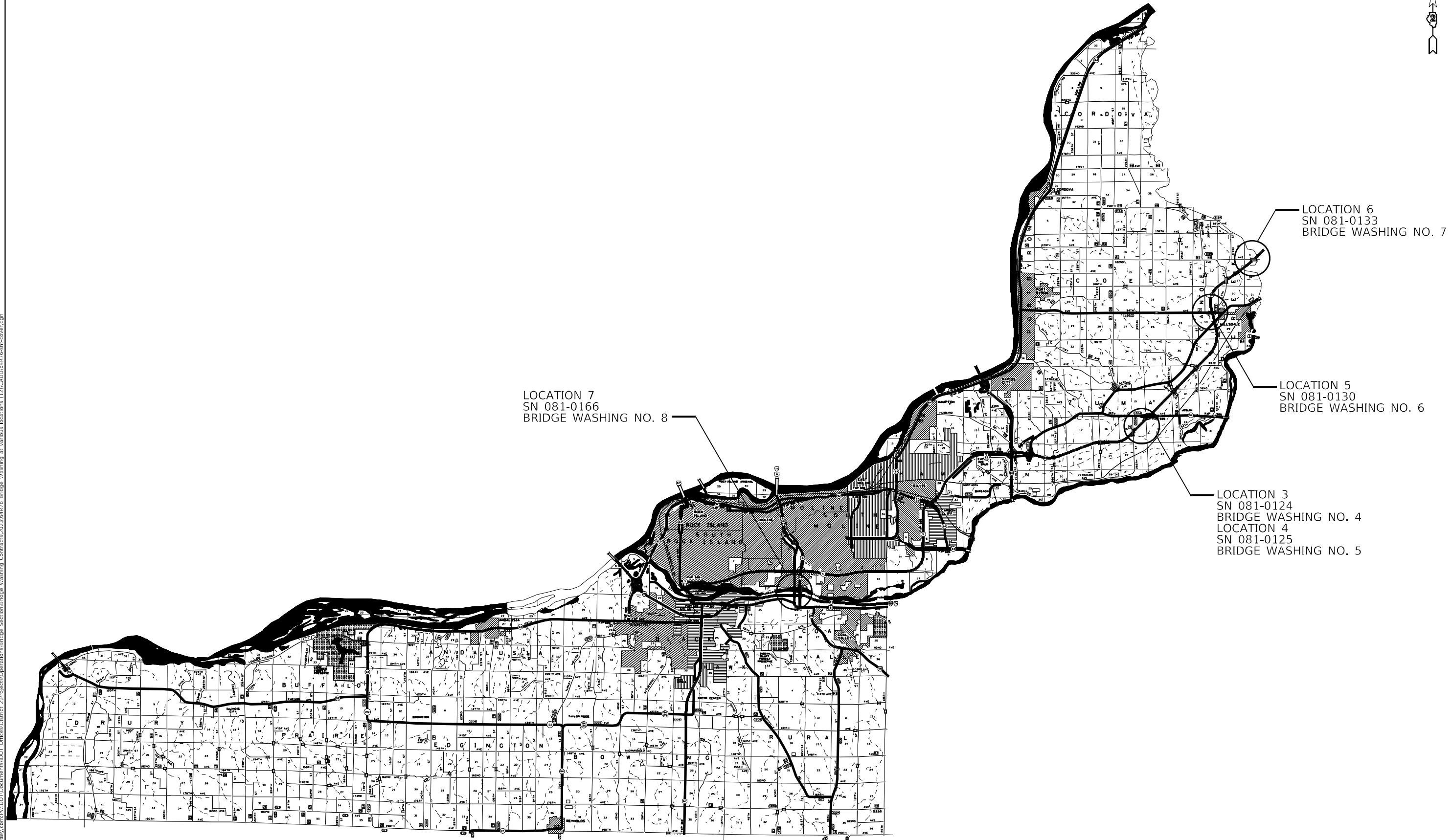
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	DRAWN - _____	REVISED - _____
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PLOT DATE = Jun-13-2022 11:54:57 AM	DATE - _____	REVISED - _____

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 2022-12	VARIOUS	14	7
CONTRACT NO. 6476				
ILLINOIS FED. AID PROJECT				

ROCK ISLAND COUNTY



LOCATION 7
SN 081-0166
BRIDGE WASHING NO. 8

LOCATION 6
SN 081-0133
BRIDGE WASHING NO. 7

LOCATION 5
SN 081-0130
BRIDGE WASHING NO. 6

LOCATION 3
SN 081-0124
BRIDGE WASHING NO. 4
LOCATION 4
SN 081-0125
BRIDGE WASHING NO. 5

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCK ISLAND COUNTY
LOCATION MAP

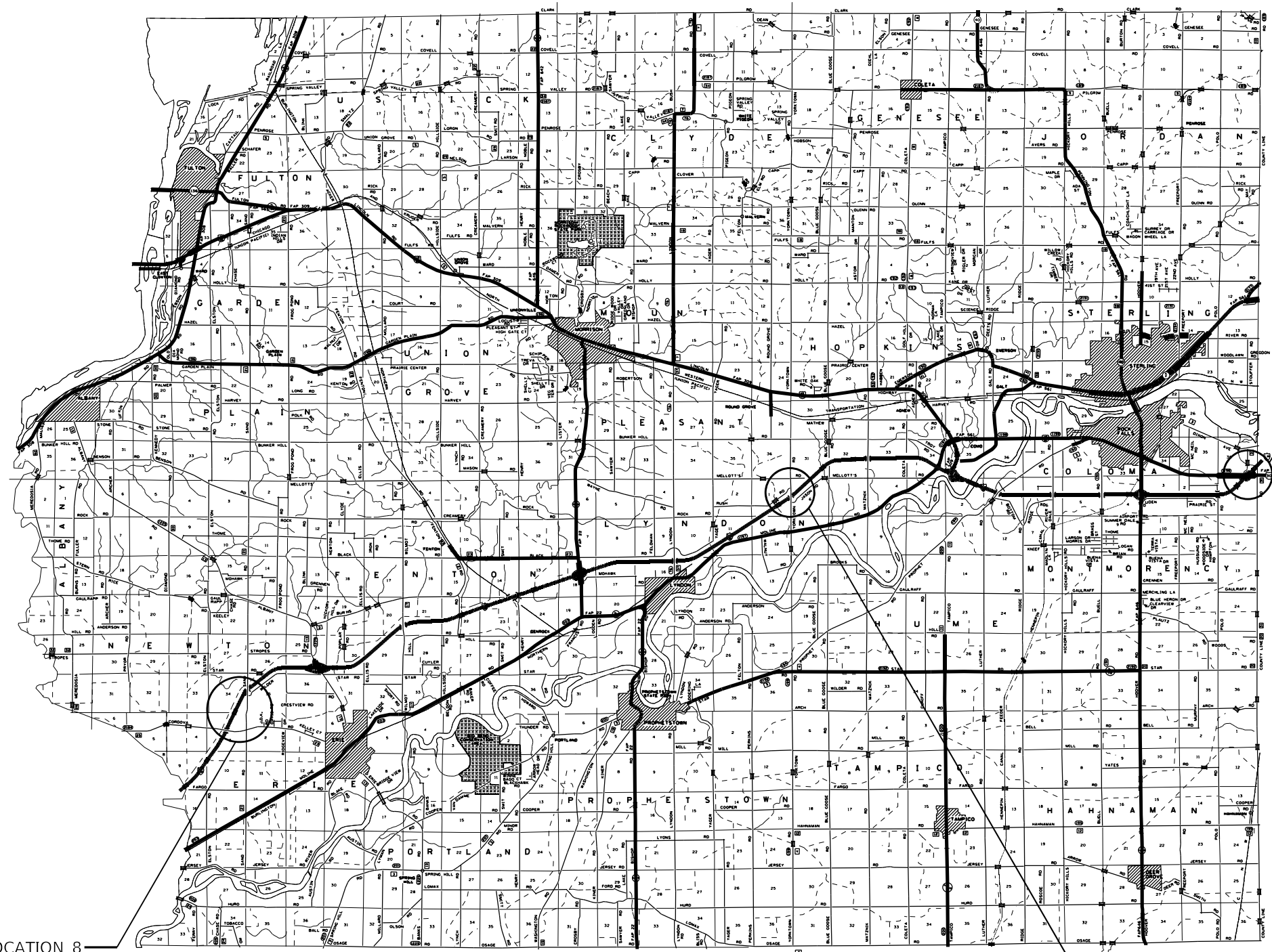
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2022-12	VARIOUS	14	8
			CONTRACT NO. 64R76	
ILLINOIS FED. AID PROJECT				

USER NAME = David.Doss	DESIGNED - _____	REVISED - _____
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PLOT DATE = Jun-13-2022 11:55:04 AM	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

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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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PLOT SCALE = 100,000' / in.	DRAWN - _____	REVISED - _____
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	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

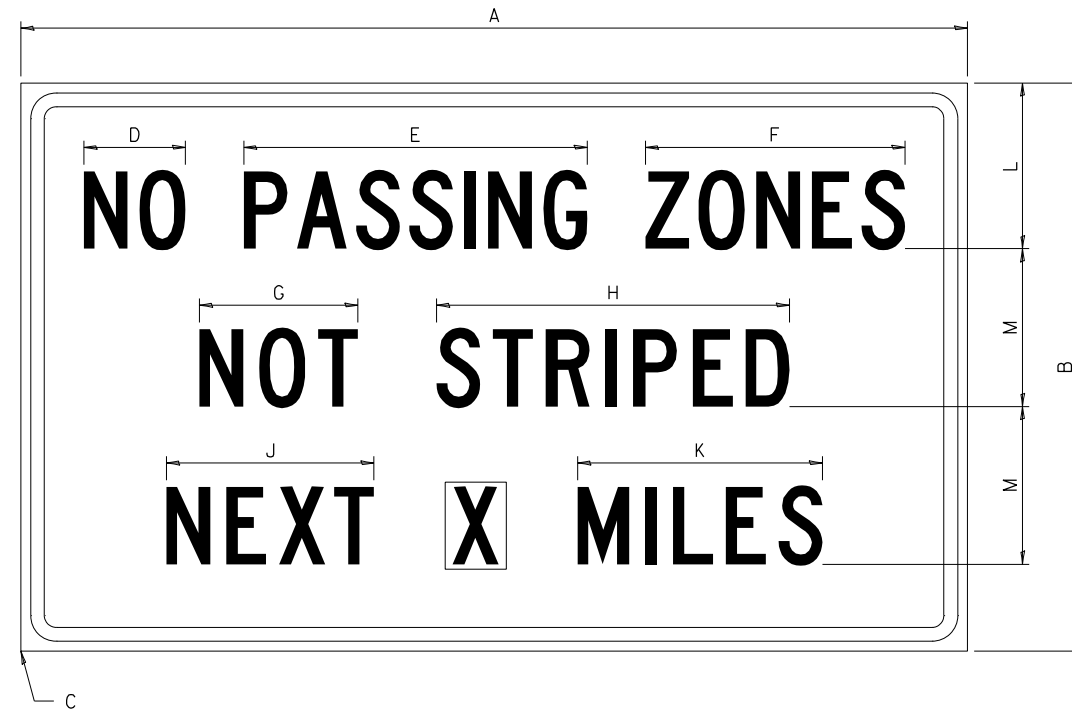
**WHITESIDE COUNTY
LOCATION MAP**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2022-12	VARIOUS	14	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64R76	

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



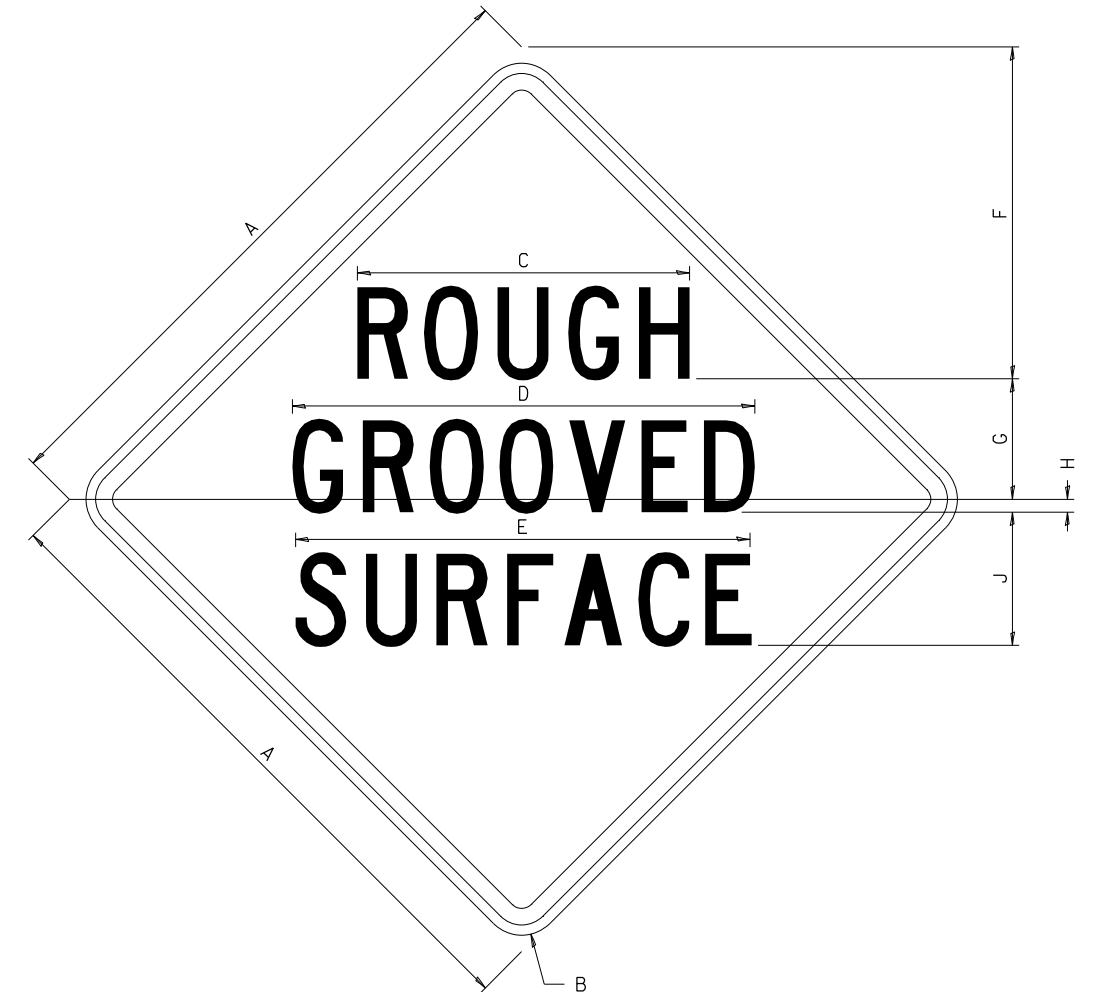
COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

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.

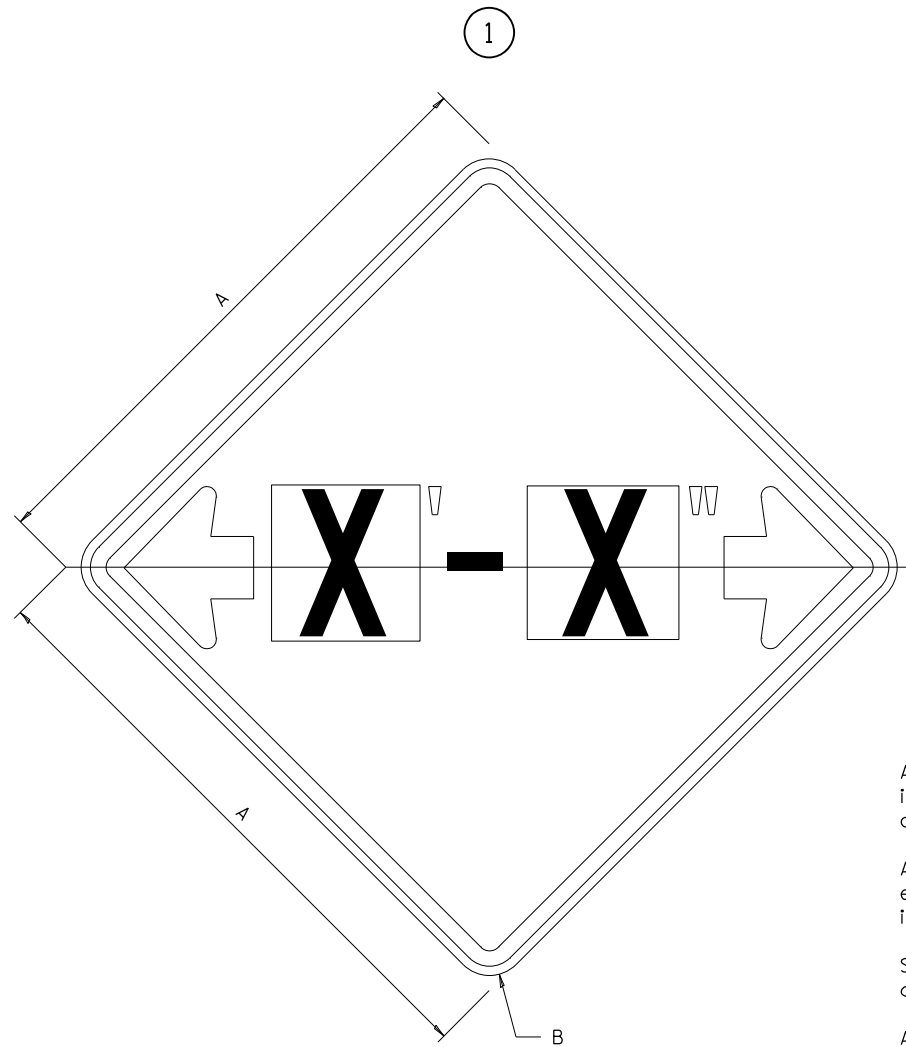
All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

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

All dimensions are in inches unless otherwise noted.

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD W12-I102



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.

COLOR LEGEND AND BORDER BACKGROUND BLACK FL ORANGE NON-REFLECTORIZED REFLECTORIZED

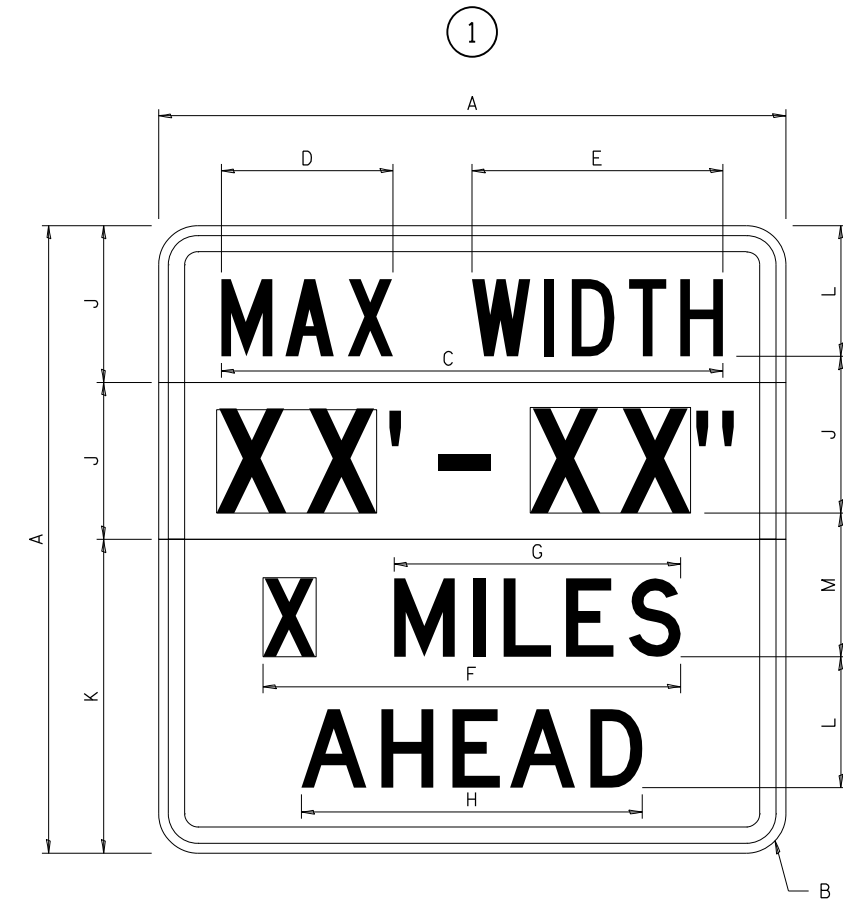
SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

① Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

SIGN SIZE	SERIES BY LINE	MARGIN	BORDER
	1		
48 x 48	12C	0.750	1.250

Sign not to scale

ILLINOIS STANDARD W12-I103



COLOR LEGEND AND BORDER BACKGROUND (WIDTH) BLACK WHITE FL ORANGE NON-REFLECTORIZED REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
48 x 48	48.00	3.00	38.40	13.20	19.20	32.00	22.00	26.20	12.00	24.00	10.00	11.00

SIGN SIZE	SERIES BY LINE				MARGIN	BORDER
	1	2	3	4		
48 x 48	6C	8D	6D	6D	0.750	1.250

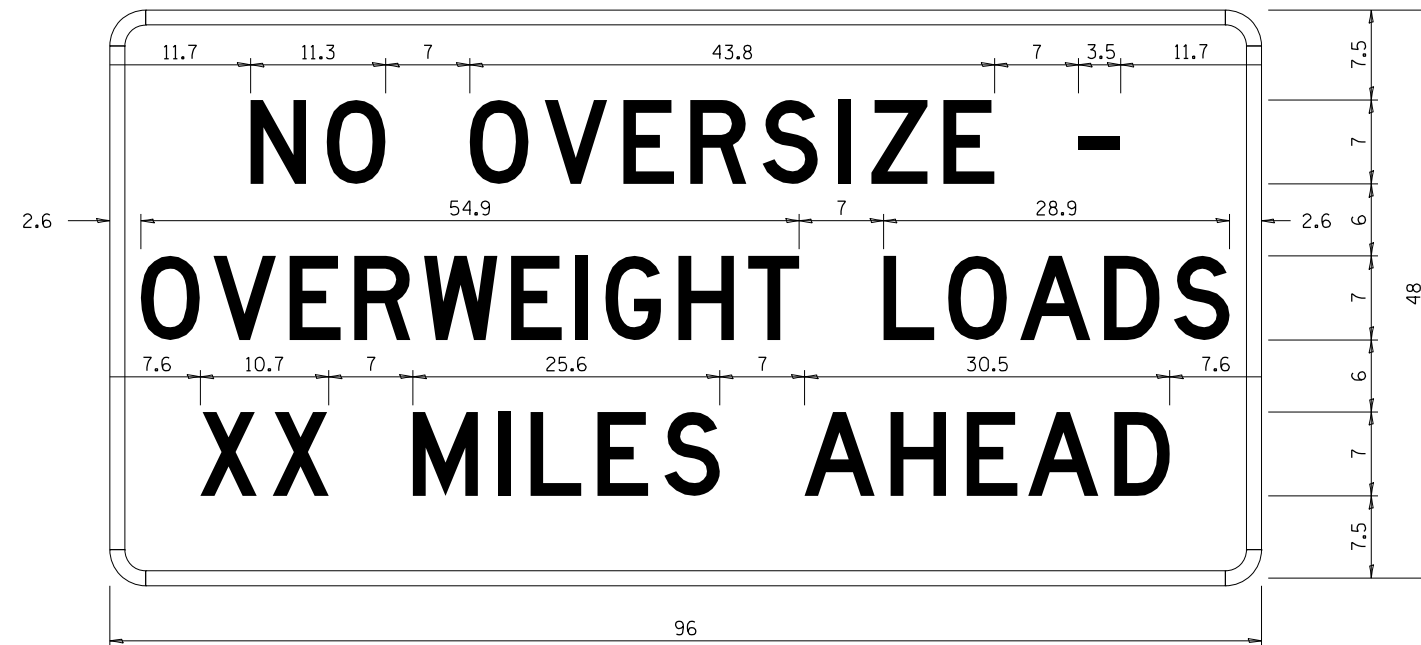
Sign not to scale

XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE

FILE NAME =	USER NAME = David.Doss	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 2\Projects\Operations\DRAWN Section\Bridges\Washing Contracts\REVISED 6 Bridge Washing at various locations (12)\CADD\64R76-sht-cov-6	PLotted Scale = 100.0000' / in.	CHECKED -	REVISED -			VAR.	D2 BC 2022-12	VARIOUS	14	11
PLotted Date = Jun-13-2022 11:55:25 AM	DATE -	REVISED -				CONTRACT NO. 64R76		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS



COLOR	LEGEND AND BORDER BACKGROUND	BLACK ORANGE	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.

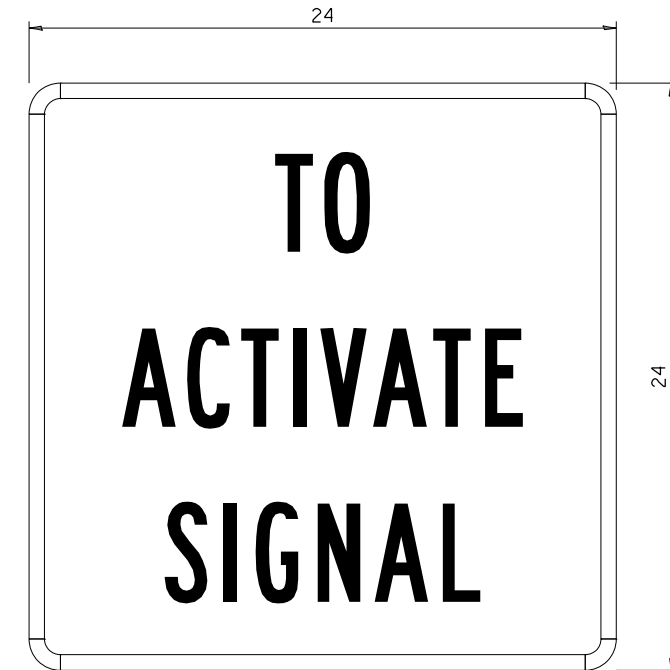
N	O	O	V	E	R	S	I	Z	E	-
11.7	18.1	30.0	36.2	42.8	48.4	54.4	60.7	63.5	69.5	80.8

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

STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR	LEGEND AND BORDER BACKGROUND	BLACK WHITE	NON-REFLECTORIZED REFLECTORIZED
-------	------------------------------	-------------	---------------------------------

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

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.

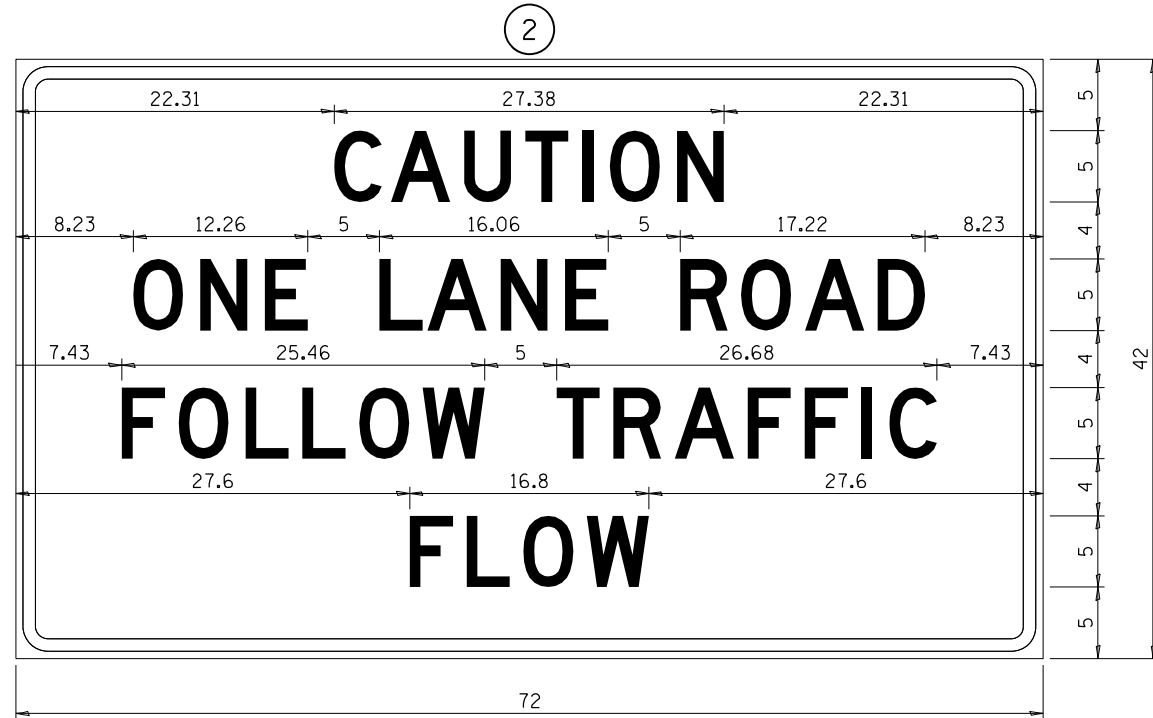
Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

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:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 2\Projects\Operations\DRAWN Section\Bridge Washing Contracts\REVISED 06 Bridge Washing at various locations (12)\CADD\64R76-sht-cov	PLT SCALE = 100.0000' / in.	CHECKED -	REVISED -			VAR.	D2 BC 2022-12	VARIOUS	14	12	
PLT DATE = Jun-13-2022 11:55:32 AM	DATE -	REVISED -	SCALE: _____			SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 64R76			
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

**ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS**

WORK ZONE SIGN DETAILS



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED 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	A	U	T	I	O	N	22.31						
3.36	3.36	0.62	4.18	0.94	3.36	0.94	3.04	0.94	0.78	1.17	3.52	1.17	3.36	22.31

8.23	O	N	E	
3.51	1.17	3.36	1.18	3.04

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

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

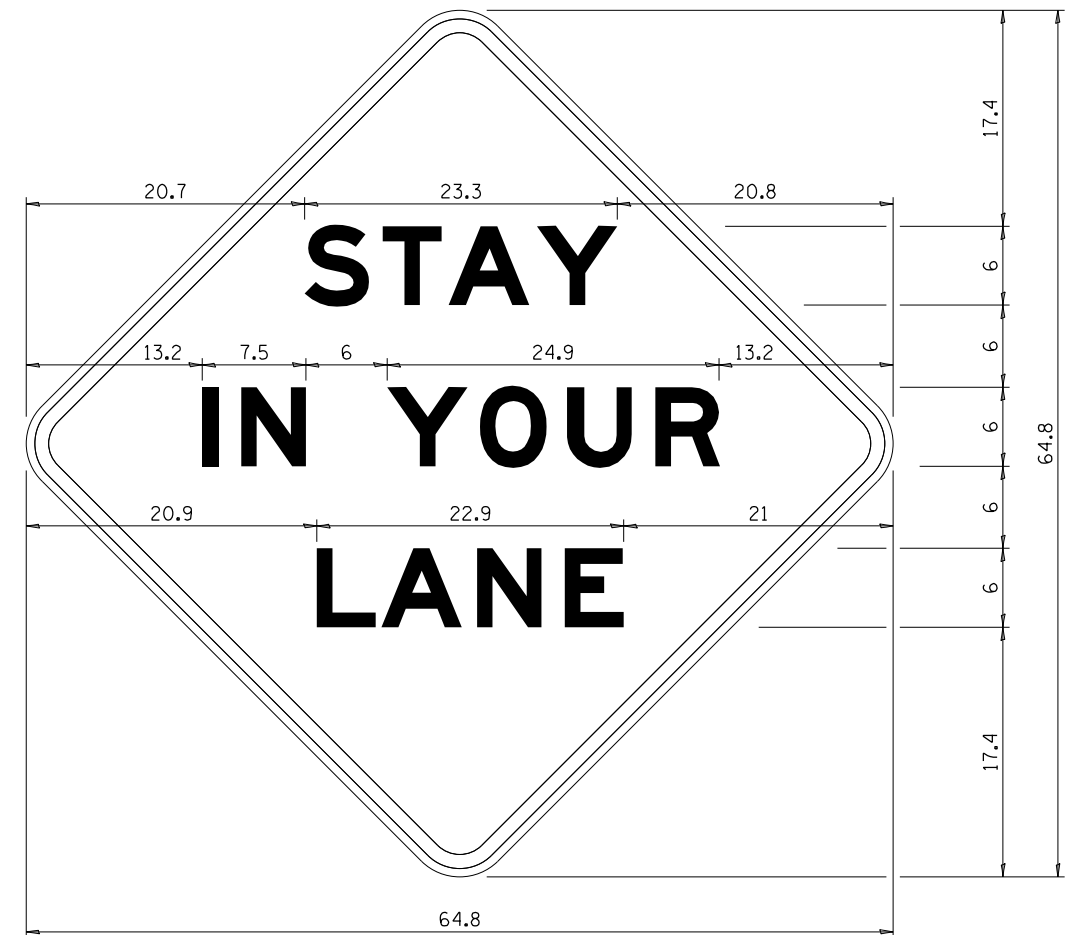
7.43	F	O	L	L	O	W				
3.04	0.94	3.52	1.17	3.04	0.94	3.05	0.94	3.51	0.94	4.37

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

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

Sign not to scale

STAY IN YOUR LANE



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED 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

GENERAL NOTES

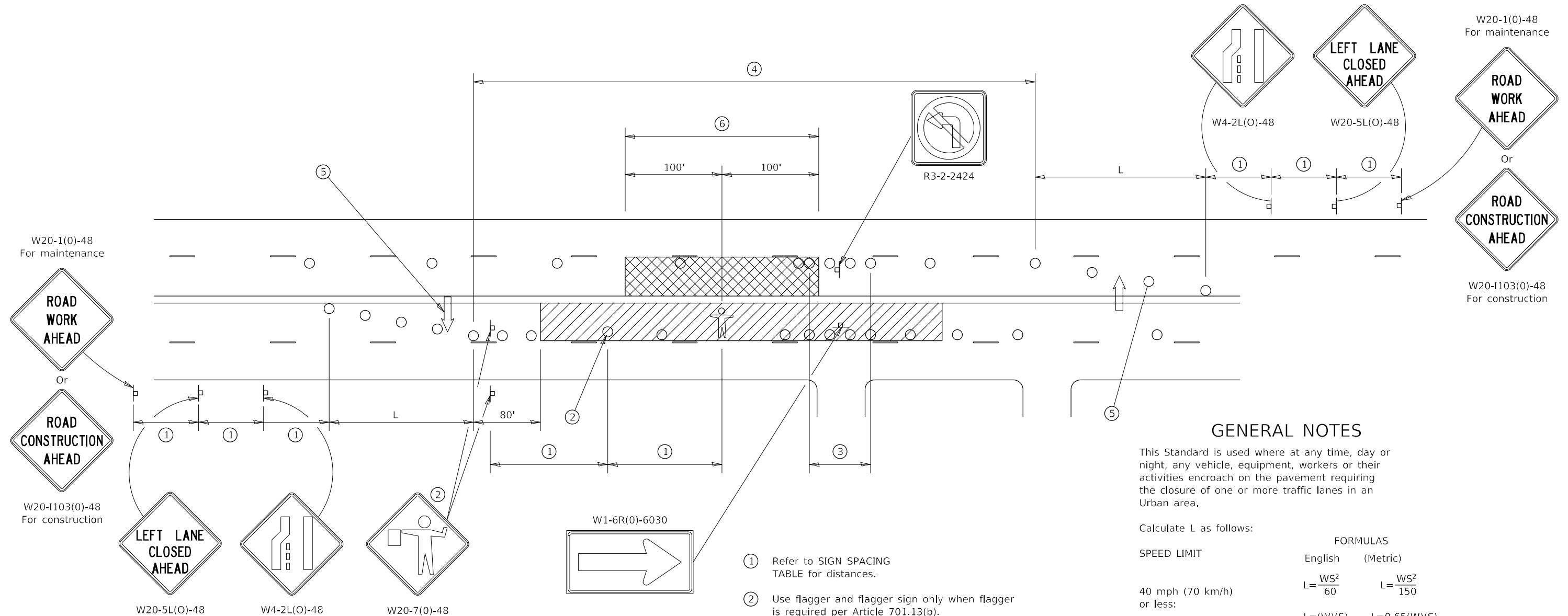
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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.

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 offset 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.