

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

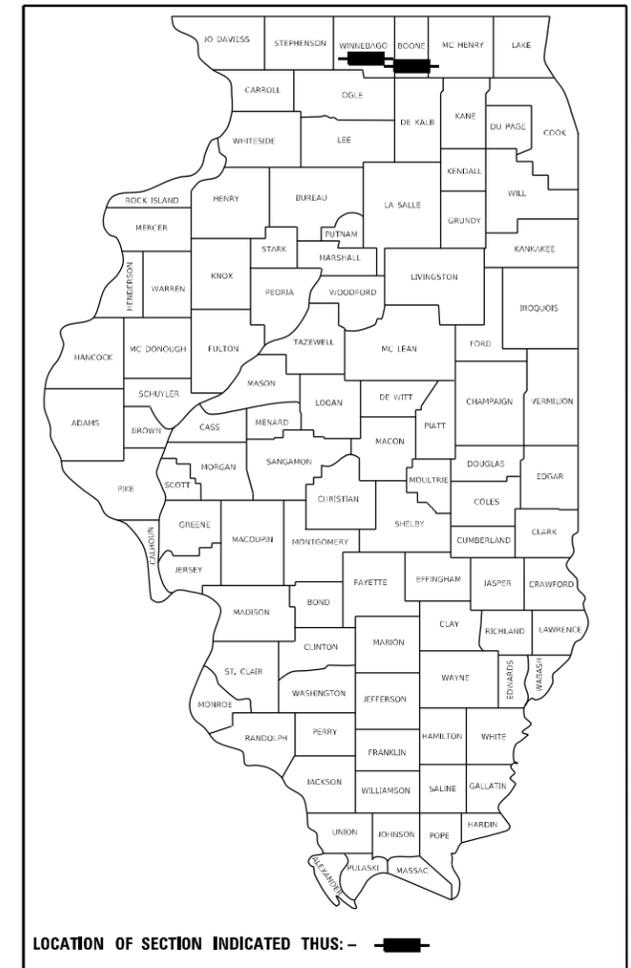
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2022-10	WINN/BOONE	10	1
		ILLINOIS	CONTRACT NO. 64R74	

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

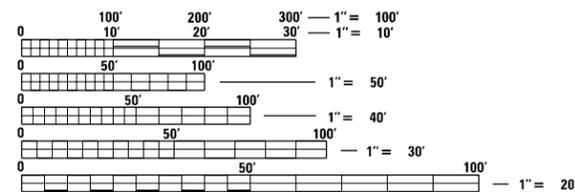
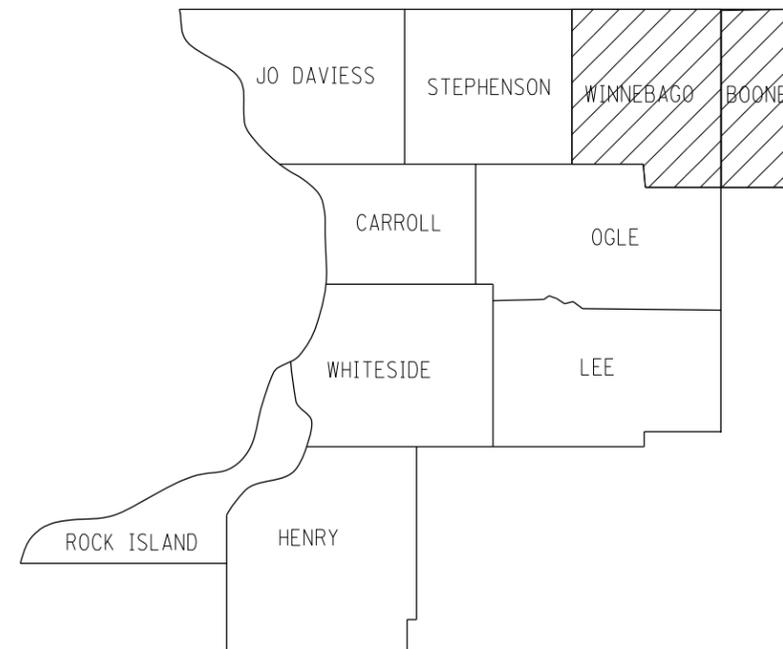
PROPOSED HIGHWAY PLANS

VARIOUS ROUTES
SECTION D2 BC 2022-10
PROJECT: HBFP-78W0(747)
TYPE of IMPROVEMENT: BRIDGE WASHING
WINNEBAGO & BOONE COUNTIES

D-92-032-22



C-92-098-22



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. 64R74

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Aug 15, 2022

[Signature]
REGIONAL ENGINEER

October 14, 2022
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

October 14, 2022
[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	SUMMARY OF QUANTITIES
4	SCHEDULE OF QUANTITIES
5	LOCATION MAP WINNEBAGO COUNTY
6	LOCATION MAP BOONE COUNTY
7-10	WORK ZONE SIGN DETAILS (DIST STD 34.1)

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, \geq 45 MPH
701400-11	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-13	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701456-05	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE 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 NAME: p:\ultra-cw-bea\paw.com\PIV\DOT\Documents\DOT Office\Dir\dir_2\Project\Operations\Bridge_Section\Bridge_Washing_Contracts\2023\64R74_Bridge_Washing_at_various_locations (9)\CADD\64R06-shr-conv.ecdp

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 2022-10	WINN/BOONE	10	2
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____									CONTRACT NO. 64R74
PLOT DATE = Jun-13-2022 10:48:30 AM	DATE - _____	REVISED - _____									ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

PAYCODE	DESCRIPTION	UNITS	WINNEBAGO COUNTY 0047 HIBFP 80% FEDERAL 20% STATE	BOONE COUNTY 0047 HIBFP 80% FEDERAL 20% STATE	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
67100100	MOBILIZATION	L SUM	0.90	0.10	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	0.50	0.50	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1		1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1		1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1		1

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SCHEDULE OF QUANTITIES

PAY ITEM	PROJECT LOCATION	SN	FACILITY CARRIED	FEATURE CROSSED	BRIDGE LOCATION	TRAFFIC CONTROL
BRIDGE WASHING NO. 1	1	101-0109	ILL 75	ROCK RIVER	IN ROCKTON	701501
BRIDGE WASHING NO. 2	2	101-0123	FOREST HILLS RD SB	IL 251 NB	IN ROCKFORD	701456
BRIDGE WASHING NO. 3	3	101-0165	IL 70 (TRASK BRG RD)	PECATONICA RIVER	5 MI S. OF DURAND	701201
* BRIDGE WASHING NO. 4	4	101-0195	US 20 EB	W CHANNEL ROCK RIVER	.5 MI E OF IL 2	701400 & 701406
* BRIDGE WASHING NO. 5		101-0196	US 20 WB	W CHANNEL ROCK RIVER	.5 MI E OF ILL 2	701400 & 701406
* BRIDGE WASHING NO. 6	5	101-0197	US 20 EB	E CHANNEL ROCK RIVER	.7 MI E OF ILL 2	701400 & 701406
* BRIDGE WASHING NO. 7		101-0198	US 20 WB	E CHANNEL ROCK RIVER	.7 MI E OF ILL 2	701400 & 701406
* BRIDGE WASHING NO. 8	6	101-6133	CHESTNUT ST	ROCK RIVER	0.1 MI E OF MAIN ST	701601
BRIDGE WASHING NO. 9	7	004-0013	US BR 20	KISHWAUKEE RIVER	E EDGE OF BELVIDERE	701201

* SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS

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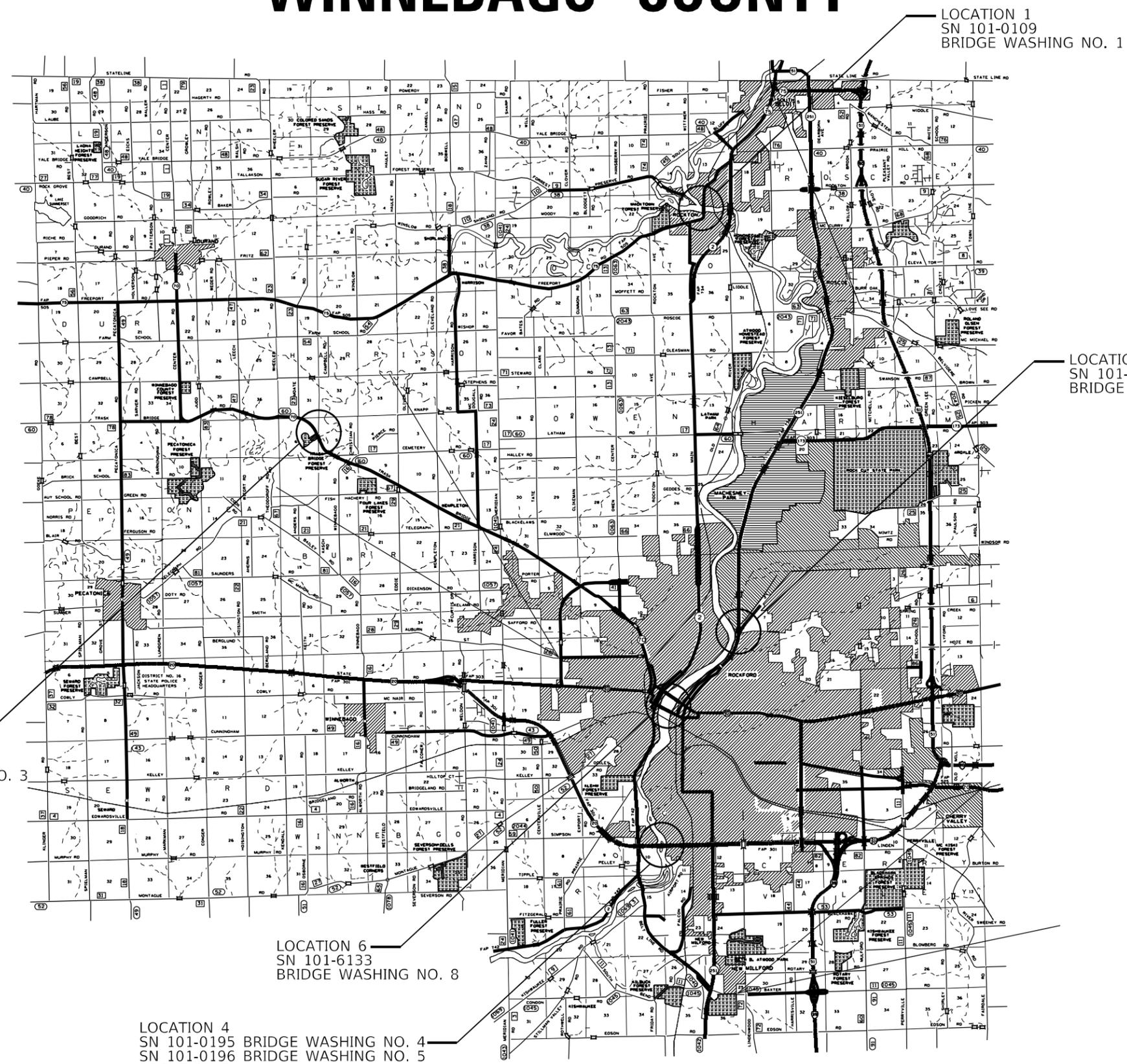
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2022-10	WINN/BOONE	10	4
CONTRACT NO. 64R74				
ILLINOIS FED. AID PROJECT				

WINNEBAGO COUNTY



LOCATION 3
SN 101-0165
BRIDGE WASHING NO. 3

LOCATION 1
SN 101-0109
BRIDGE WASHING NO. 1

LOCATION 2
SN 101-0123
BRIDGE WASHING NO. 2

LOCATION 6
SN 101-6133
BRIDGE WASHING NO. 8

LOCATION 4
SN 101-0195 BRIDGE WASHING NO. 4
SN 101-0196 BRIDGE WASHING NO. 5
LOCATION 5
SN 101-0197 BRIDGE WASHING NO. 6
SN 101-0198 BRIDGE WASHING NO. 7

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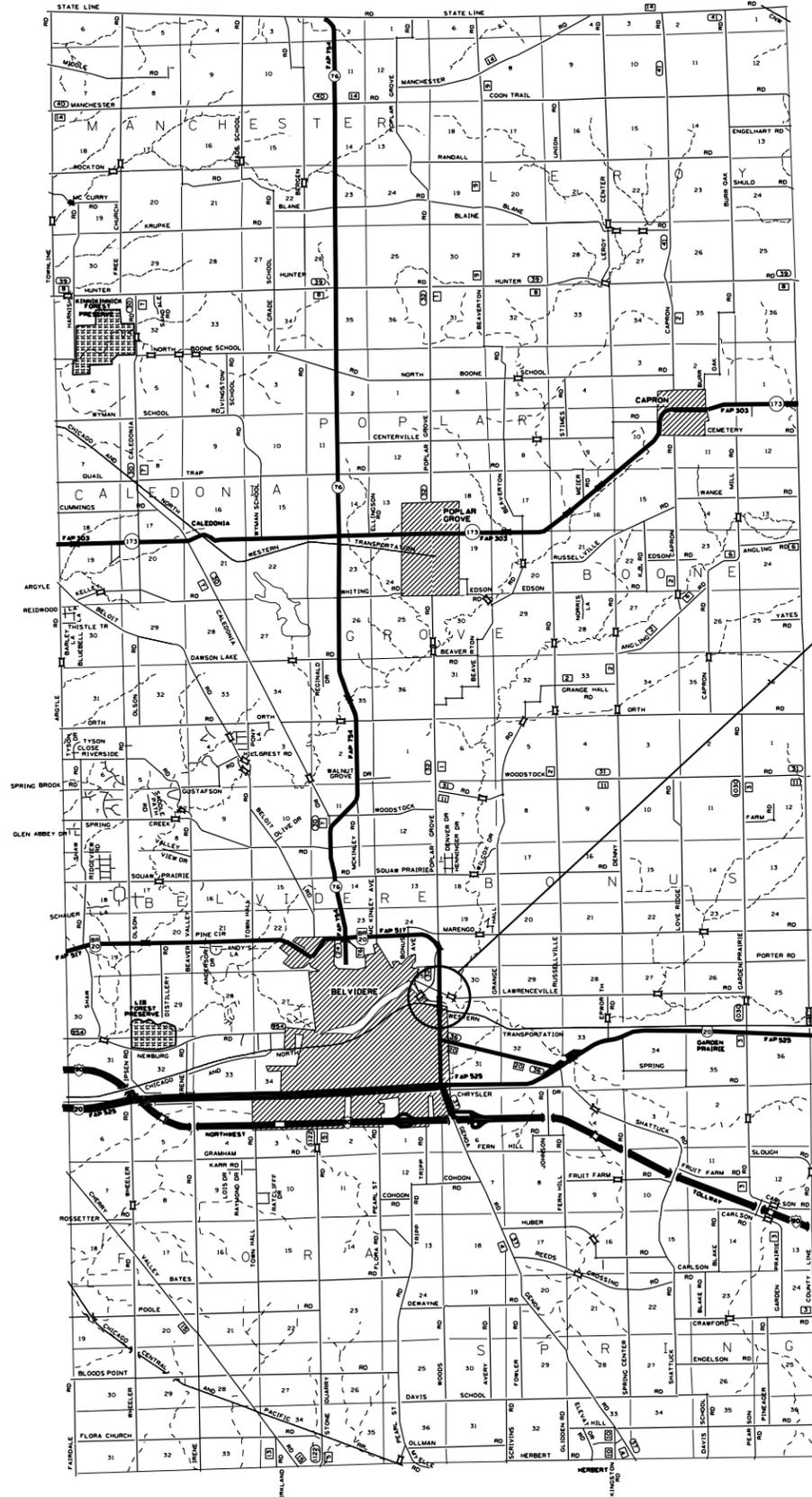
USER NAME = David.Doss	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Jun-13-2022 10:48:51 AM	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WINNEBAGO COUNTY LOCATION MAP	
SCALE: _____	SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2022-10	WINN/BOONE	10	5
CONTRACT NO. 6474				
ILLINOIS FED. AID PROJECT				

BOONE COUNTY



LOCATION 7
SN 004-0013
BRIDGE WASHING NO. 9

MODEL: Default
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USER NAME = David.Doss	DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISED - _____	
PLOT SCALE = 100,000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Jun-13-2022 10:48:59 AM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

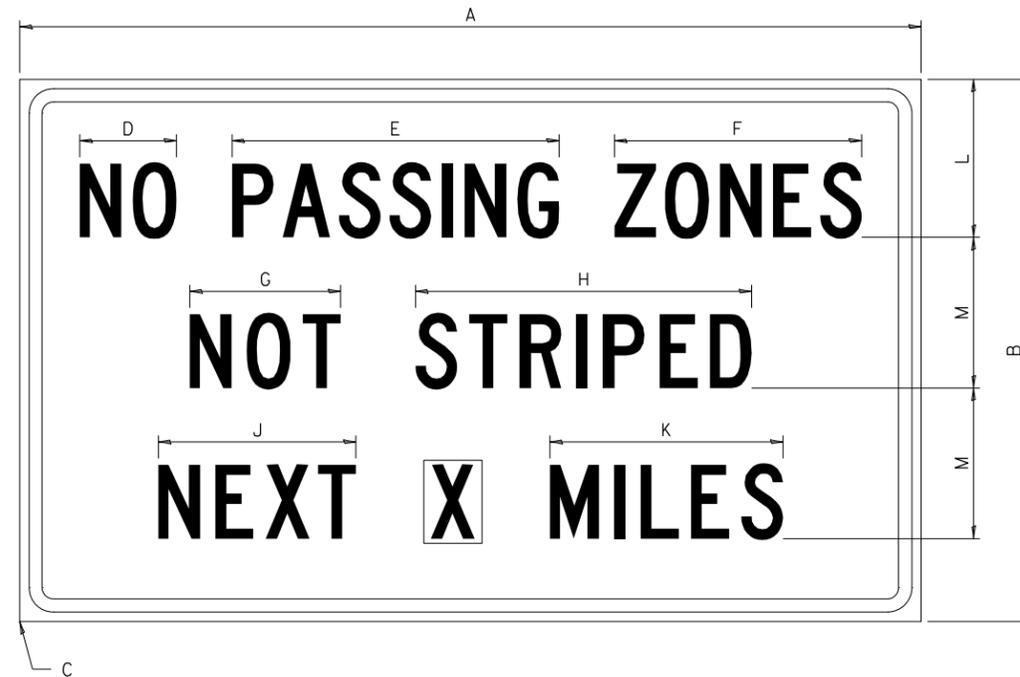
**BOONE COUNTY
LOCATION MAP**

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

F.A. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2022-10	WINN/BOONE	10	6
CONTRACT NO. 64R74				
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

GENERAL NOTES

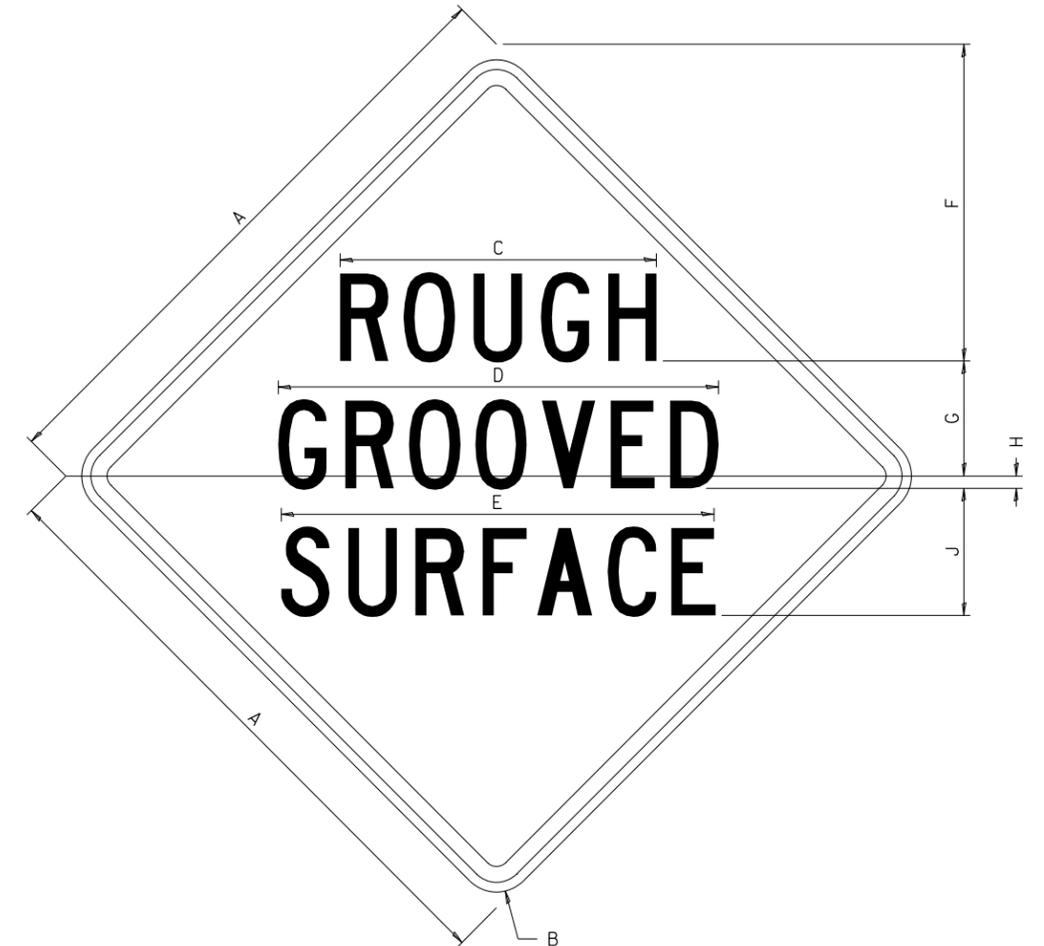
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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.

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

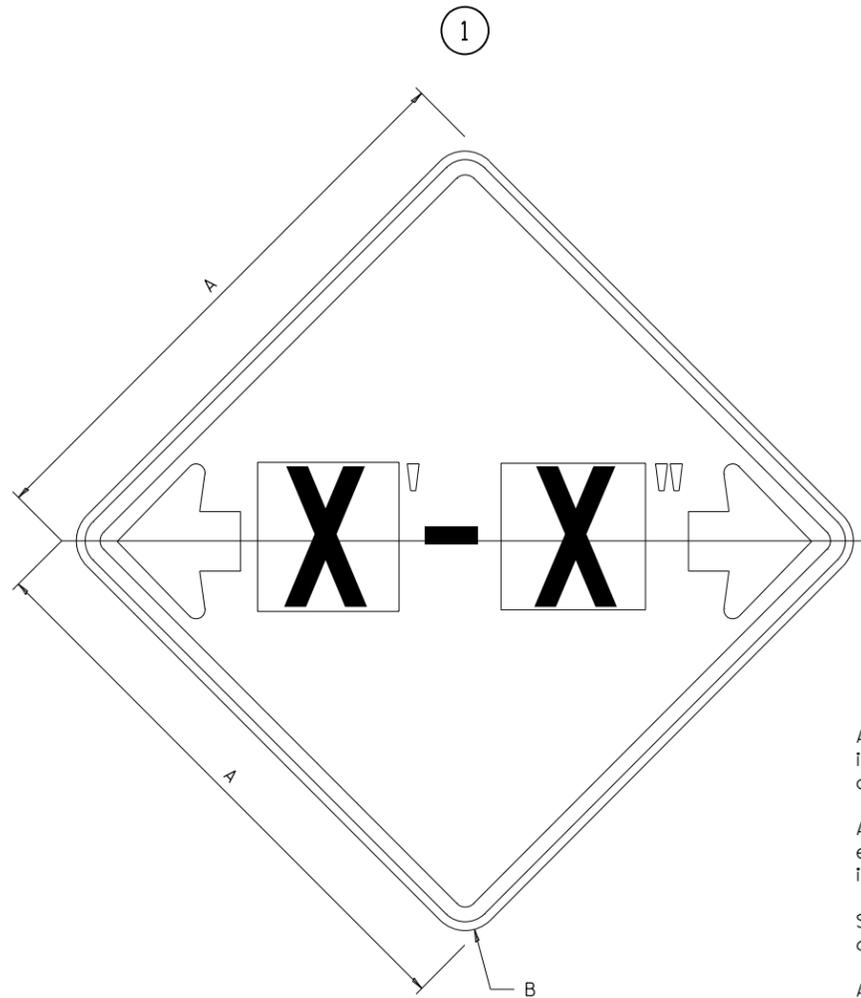
SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
48 x 48	7C	7C	7C	1.250	0.750

Sign not to scale

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\Bridges\Washing Contracts\REVISED 4 Bridge Washing at various locations (9)\CADD\64R06-sht-covers	PLLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			VAR.	D2 BC 2022-10	WINN/BOONE	10	7
PLLOT DATE = Jun-13-2022 10:49:09 AM	DATE -	REVISED -	SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____			CONTRACT NO. 64R74				
						FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				

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

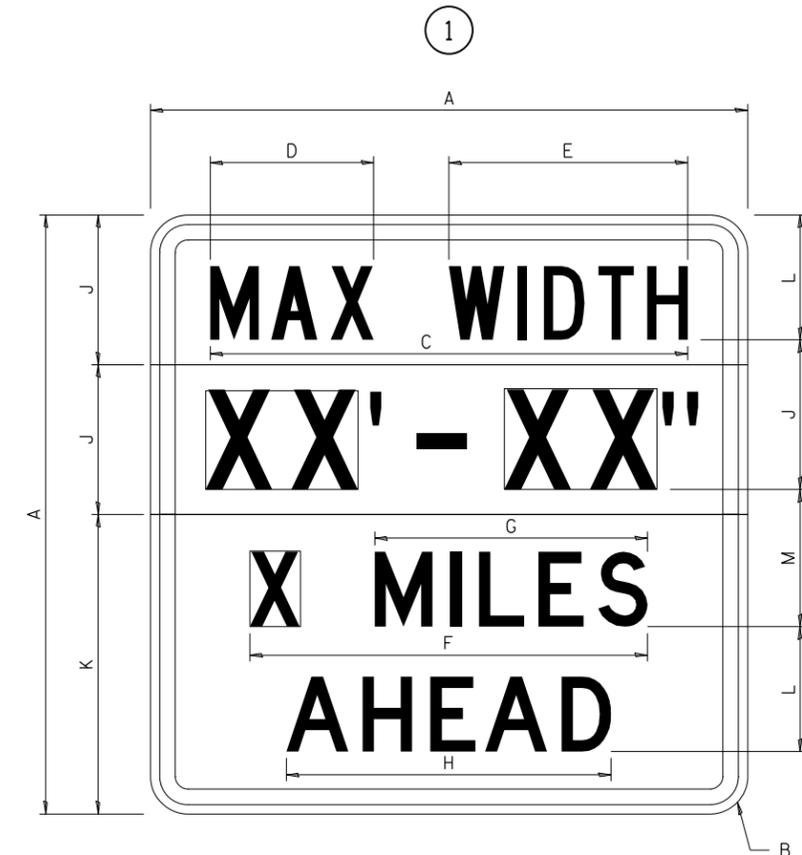
SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

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

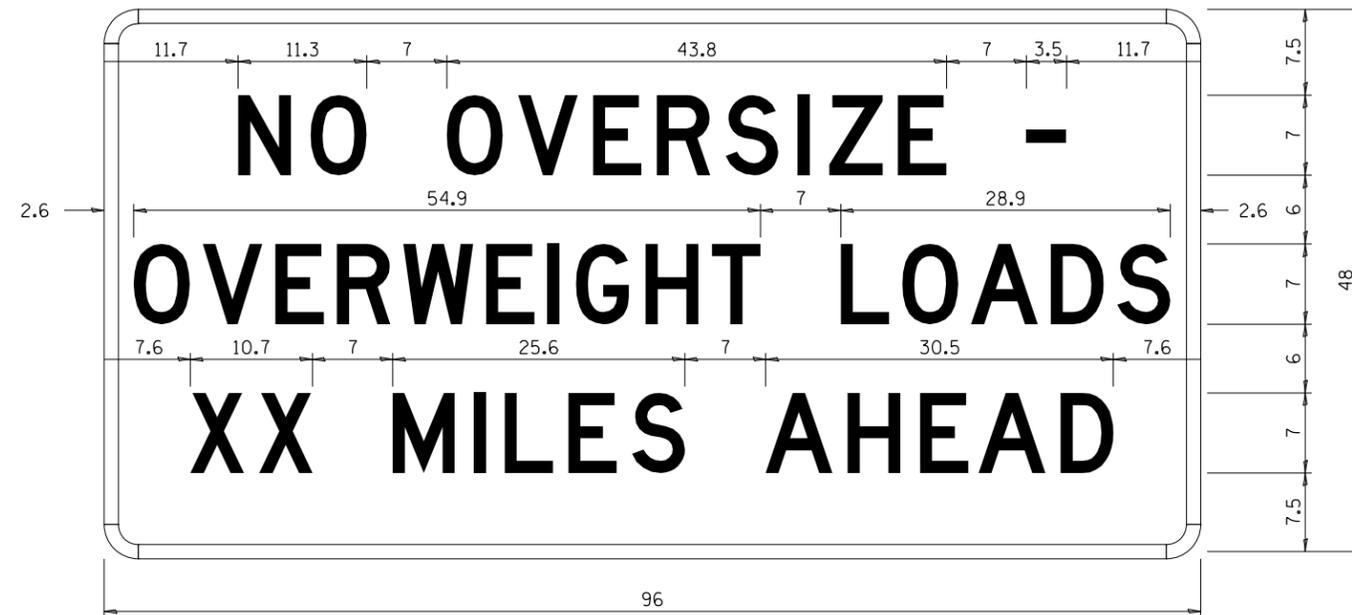
Sign not to scale

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. RTE.	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 4 Bridge Washing at various locations (9)\CADD\64R06-shr-cove	PLotted Scale = 100.0000' / in.	CHECKED -	REVISED -			VAR.	D2 BC 2022-10	WINN/BOONE	10	8
PLotted Date = Jun-13-2022 10:49:16 AM	DATE -	REVISED -	SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____			FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT	CONTRACT NO. 64R74			

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
-------	------------------------------	--------------	---------------------------------

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

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.

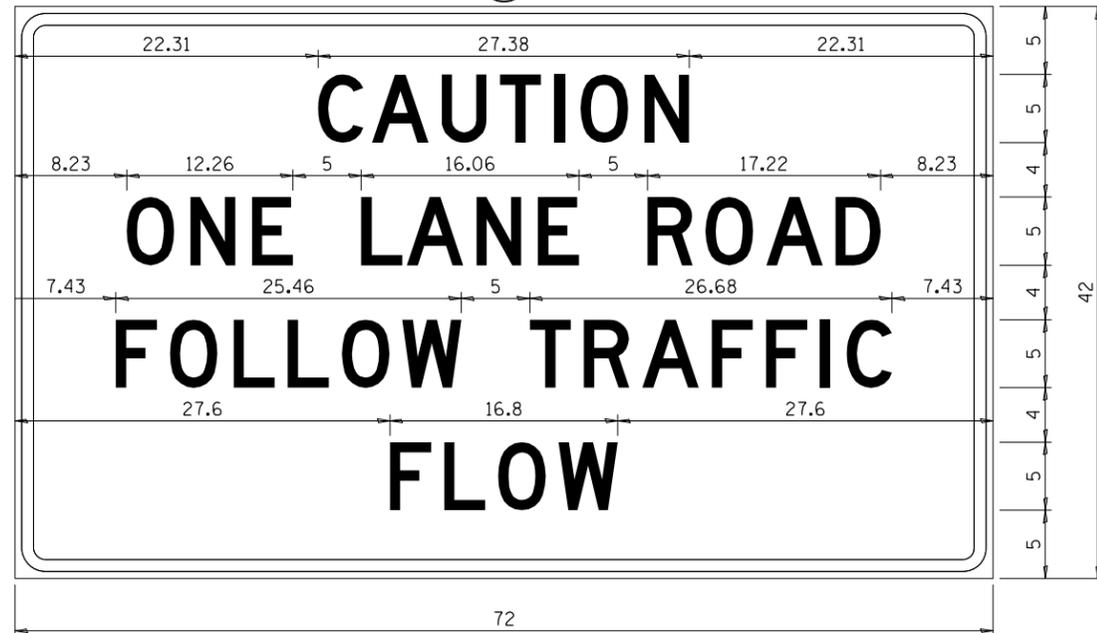
All dimensions are in inches unless otherwise noted.

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 4 Bridge Washing at various locations (9)\CADD\64R06-sht-covers	PLotted Scale = 100.0000' / in.	CHECKED -	REVISED -			VAR.	D2 BC 2022-10	WINN/BOONE	10	9
PLotted Date = Jun-13-2022 10:49:23 AM	DATE -	REVISED -	SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____			CONTRACT NO. 64R74				

**ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS**

WORK ZONE SIGN DETAILS

②



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						
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

GENERAL NOTES

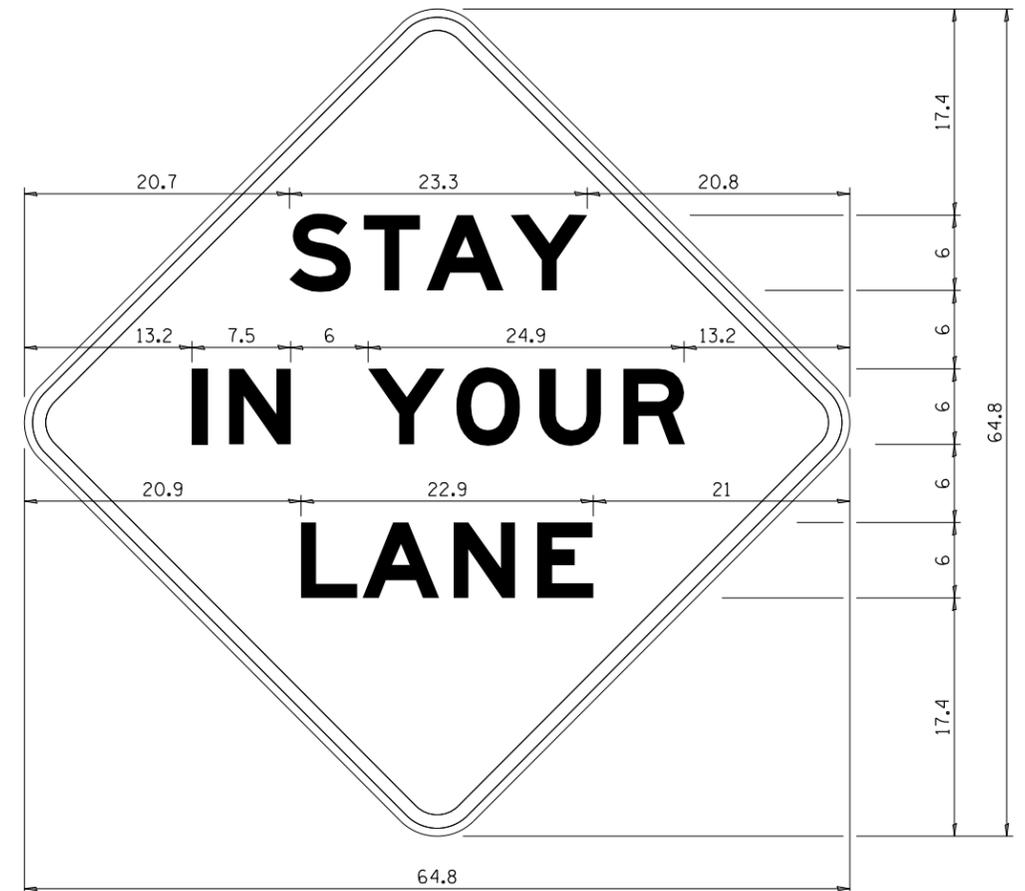
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STAY IN YOUR LANE



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