11-06-2020 LETTING ITEM 024

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

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

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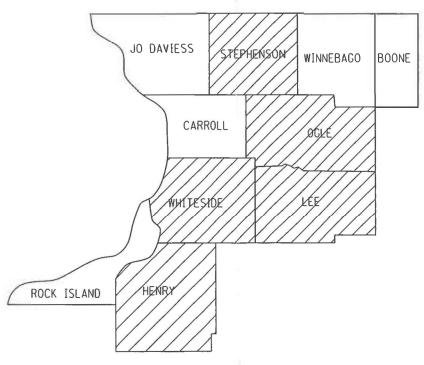
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PROPOSED HIGHWAY PLANS

VARIOUS ROUTES SECTION D2 BC 2021-8 PROJECT: STP-4NS6(144) TYPE of IMPROVEMENT: BRIDGE WASHING **VARIOUS COUNTIES**

C-92-057-20



LOCATION OF SECTION INDICATED THUS: -

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.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

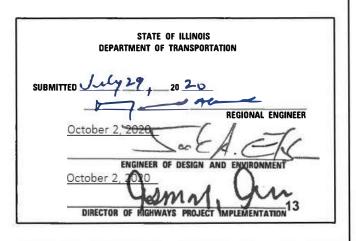
PROJECT ENGINEER: DAVID DOSS (815) 284-5416 PROJECT MANAGER: MAHMOUD ETEMADI (815) 284-5393

CONTRACT NO. 64P24

D2 BC 2021-8

D-92-027-20





PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- **COVER SHEET**
- INDEX OF SHEETS & STATE STANDARDS
- **SUMMARY OF QUANTITIES**
- SCHEDULE OF QUANTITIES
- LOCATION MAP HENRY COUNTY LOCATION MAP LEE COUNTY

- LOCATION MAP LEE COUNTY
 LOCATION MAP STEPHENSON COUNTY
 LOCATION MAP WHITESIDE COUNTY

- 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)

 15–18 TRAFFIC CONTROL FOR TRANSITION AREAS (DIST STD 38.1)

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

701400-09 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY

701406–12 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY 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)

USER NAME = dossdd	DESIGNED	REVISED	
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INDEX OF SHEETS &	F.A RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STATE STANDARDS	VAR.	D2 BC 2021-8	VARIOUS	18	2
STATE STANDARDS			CONTRAC	T NO. 64	1P24
SHEET OF SHEETS STA TO STA	-	ILLINOIS FEE	. AID PROJECT		

SUMMARY OF QUANTITIES

Paycode	Description	Units	0047 STP 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
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

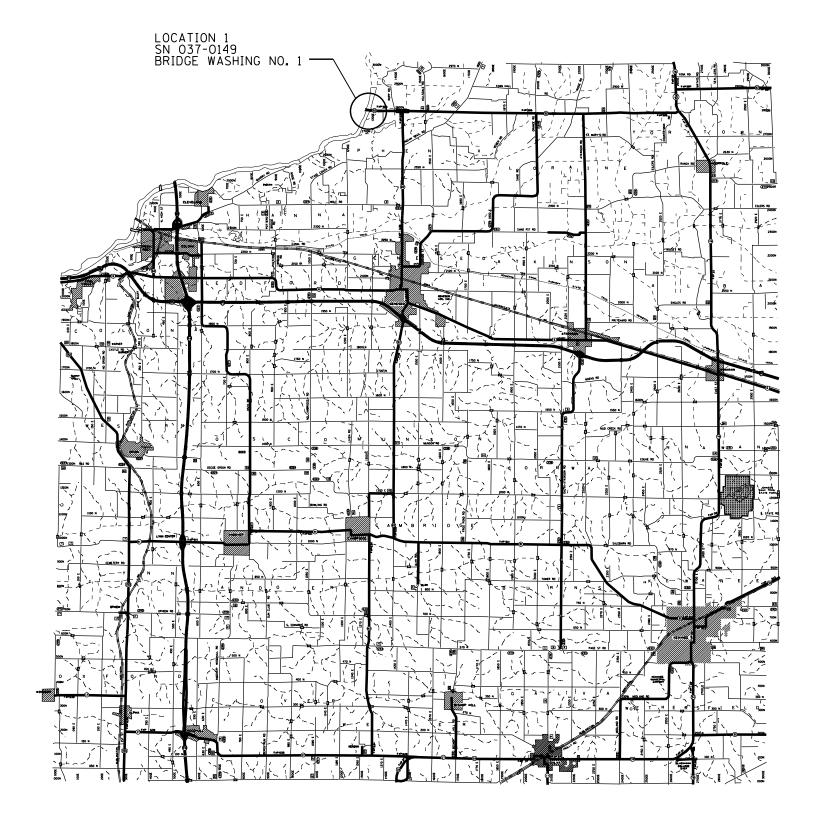
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SCHEDULE OF QUANTITIES

Pay Item	Project Location	SN	Facility Carried	Feature Crossed	Bridge Location	Traffic Control
BRIDGE WASHING NO. 1	1	037-0149	IL 92	Rock River	1.0 MI East of Joslin	701201
BRIDGE WASHING NO. 2	2	052-0063	IL 2	Rock River	South edge of Grand Detour	701201
BRIDGE WASHING NO. 3	3	071-0066	IL 251	IL 38, C&NW RR, BN RR	In Rochelle	701606 DIST STD 35.1
BRIDGE WASHING NO. 4	4	071-0088	IL 64	Rock River	East of IL 2 in Oregon	701606 DIST STD 35.1 DIST STD 38.1
BRIDGE WASHING NO. 5	5	089-0042	US ROUTE 20	Pecatonica River	NE of Freeport	701400 701406
BRIDGE WASHING NO. 6		089-0081	US ROUTE 20 WB	Pecatonica River	NE of Freeport	701400 701406
BRIDGE WASHING NO. 7	6	098-0034	US RT 30	Rock River	1 Mi East of JCT IL 2, 1.5 Mi West of Rock Falls	701201
BRIDGE WASHING NO. 8	7	098-0115	IL 40	Rock River	Between Sterling and Rock Falls	701606 DIST STD 35.1

USER NAME = dossdd	DESIGNED	REVISED								F.A RTF	SECTION	COUNTY
	DRAWN	REVISED	STATE OF ILLINOIS	SCHEDULE OF QUANTITIES					VAR.	D2 BC 2021-8	VARIOUS	
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PLOT DATE = Mar-17-2020 07:57:34 AM	DATE	REVISED		SCALE:	SHEET	_ OF	SHEETS	STA	TO STA.		ILLINOIS FED. A	AID PROJECT

HENRY COUNTY



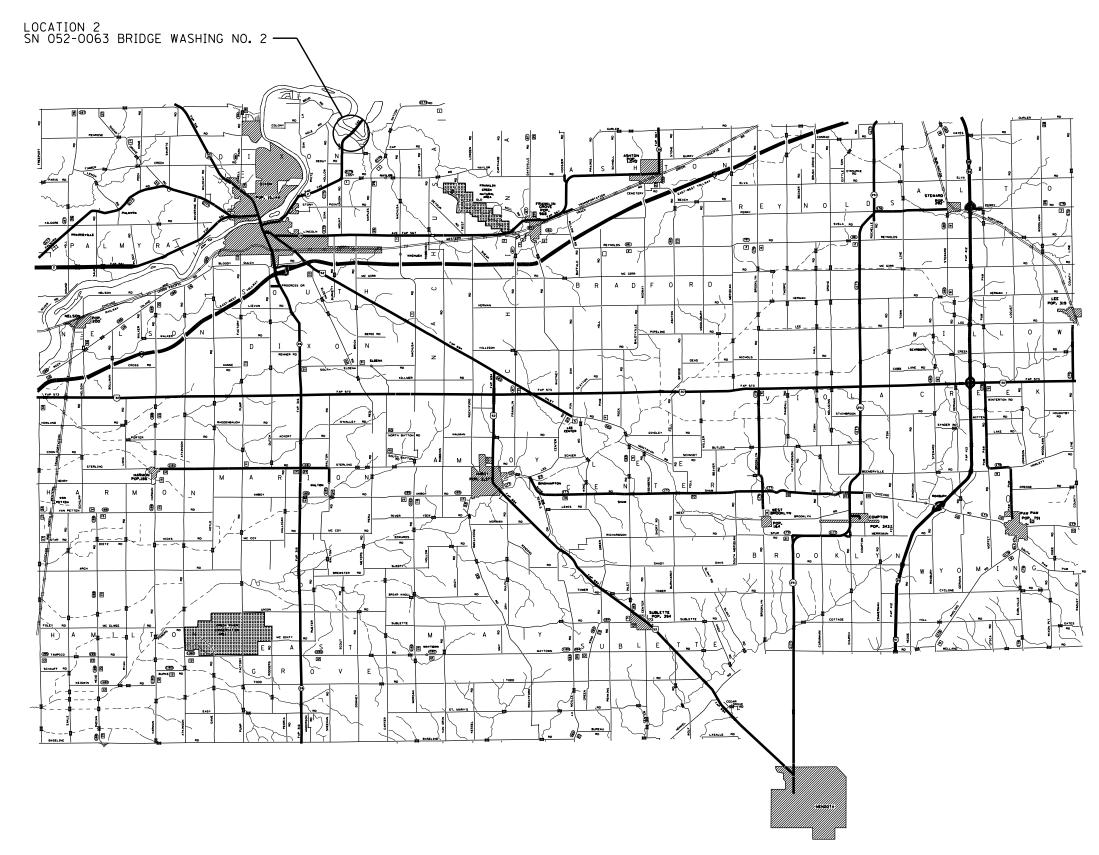
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	DRAWN	REVISED	
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STATE OF	ILLINOIS
DEPARTMENT OF	TRANSPORTATION

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	HENRY COUNTY LOCATION MAP						A SECTION			COUNTY	TOTAL SHEETS	SHE
							D2 BC 2021-8		VARIOUS	18	5	
	LUCATION WIAP									CONTRACT	NO. 64	4P24
	SHEET	OF	SHEETS	STA	TO STA			ILLINOIS	FED. AI	ID PROJECT		

LEE COUNTY



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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: ___

	LEE	COUNT	Υ	F.A RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	LOCA	TION M	AP	VAR.	D2 BC 2021-8	VARIOUS	18	6	
	LUUA	IION IV	A1			CONTRACT	NO. 64	1P24	
 SHEET	OF	SHEETS	STA	TO STA	ILLINOIS FED. AID PROJECT				

LOCATION 4 -SN 071-0088 BRIDGE WASHING NO. 4 LOCATION 3 -SN 071-0066 BRIDGE WASHING NO. 3

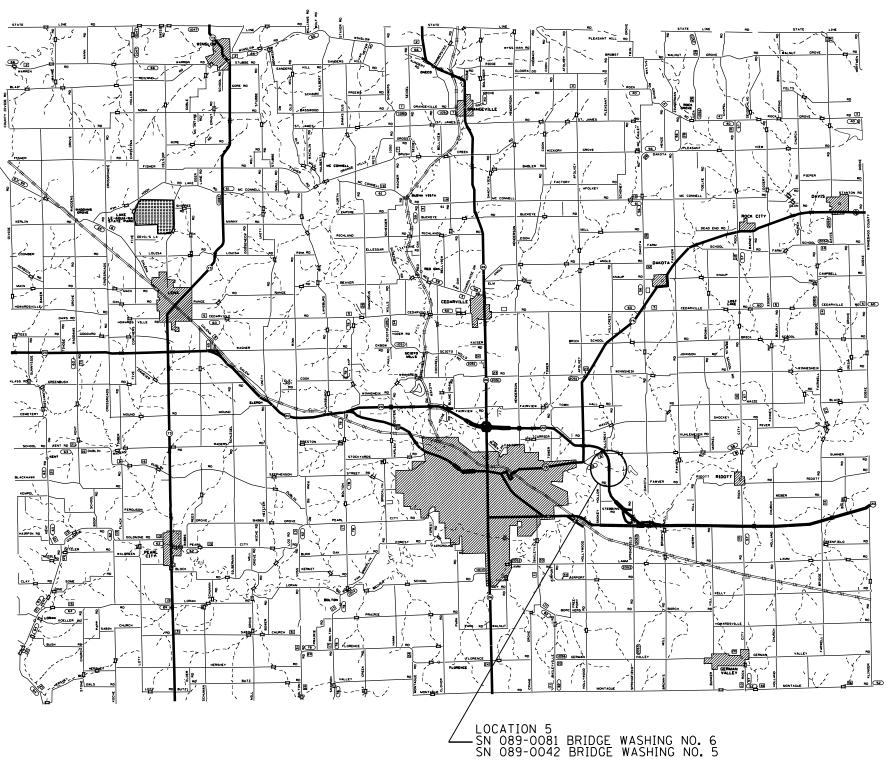
OGLE COUNTY

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

	F.A RTE. SECTION			COUNTY	TOTAL SHEETS	SHEET NO.					
	VAR. D2 BC 2021-8			VARIOUS	18	7					
LOCATION MAP									CONTRACT	NO. 6	4P24
SCALE: SHEET OF SHEETS STA TO STA						ILLINOIS FED	AID PROJECT				

STEPHENSON COUNTY

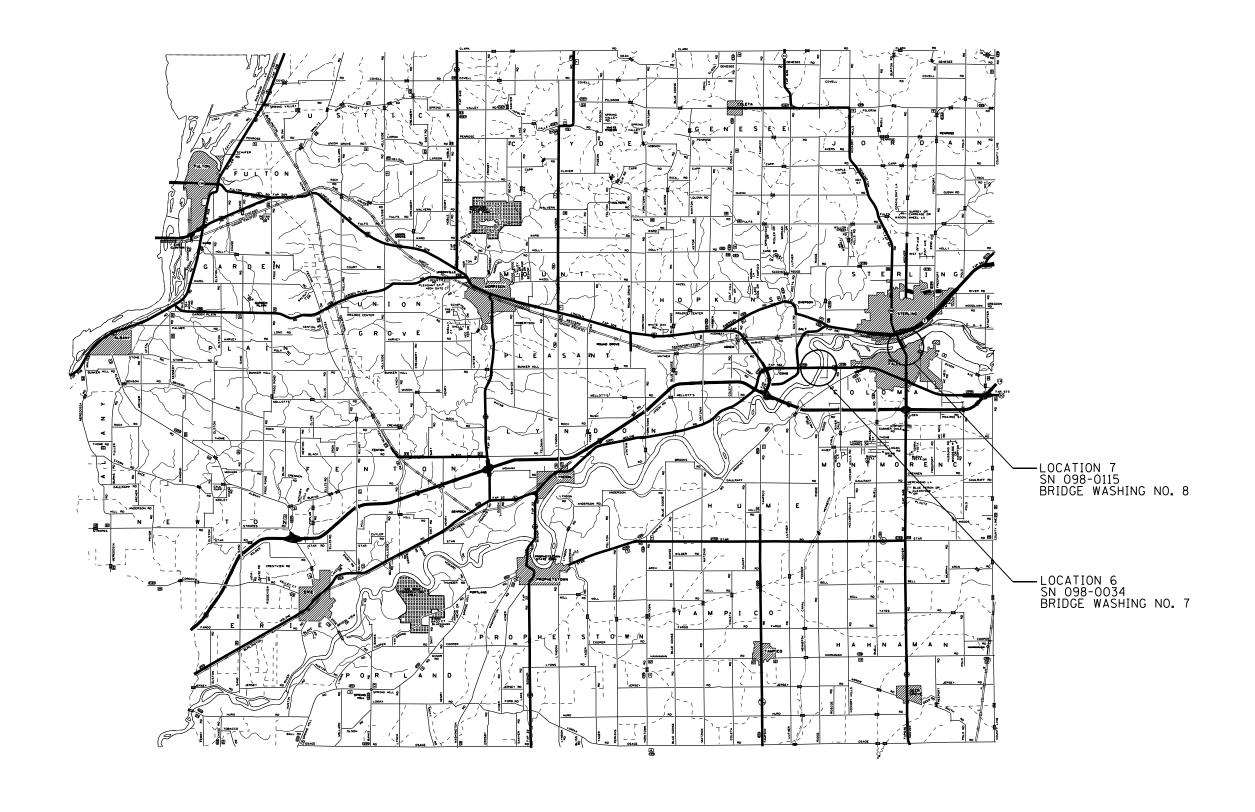


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	STEPHENSON COUNTY LOCATION MAP					F.A RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						VAR.	D2 BC 2021-8	VARIOUS	18	8
								CONTRACT	NO. 64	1P24
	SCALE:	SHEET	OF SHEETS	STA	TO STA		ILLINOIS FED. A	ID PROJECT		

WHITESIDE COUNTY



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PLOT DATE = Mar-17-2020 08:16:17 AM	DATE	REVISED

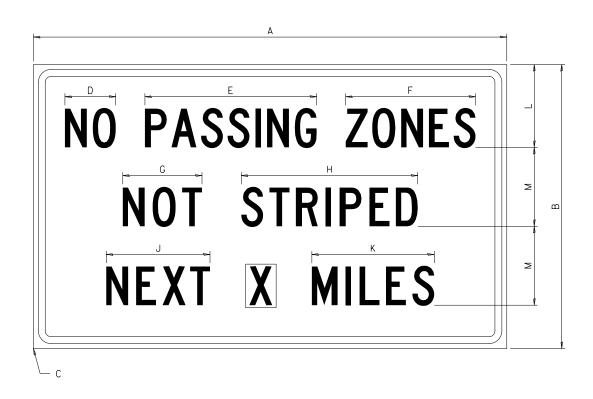
STATI	E 01	F ILLINOIS
DEPARTMENT	OF	TRANSPORTATION

SCALE:

		WHITE	SIDE CO	UNTY		F.A RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
LOCATION MAP						VAR.	D2 BC 2021-8	VARIOUS	18	9
	LUCATION WAF							CONTRACT	NO. 6	1P24
SHEET OF SHEETS STA TO STA							ILLINOIS FED	AID PROJECT		
_										

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20–I100



LEGEND AND BORDER BACKGROUND

BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE					[DIMEN	SIONS	5				
SIGN SIZE	Α	В	С	D	Е	F	G	Н	J	K	L	М
60 × 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	SERI	ES BY	LINE	MARGIN	BORDER	
310N 31ZE	1	2	3	MARGIN		
60 x 36	5C	5C	5C	0.625	0.875	

Sign not to scale

GENERAL NOTES

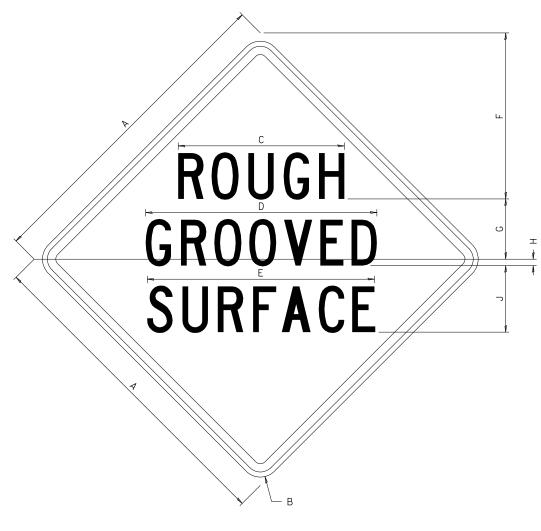
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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



LEGEND AND BORDER BACKGROUND

BLACK

NON-REFLECTORIZED REFLECTORIZED

CICN CITE		DIMENSIONS								
SIGN SIZE	Α	В	С	D	E	F	G	Н	J	
48 × 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00	

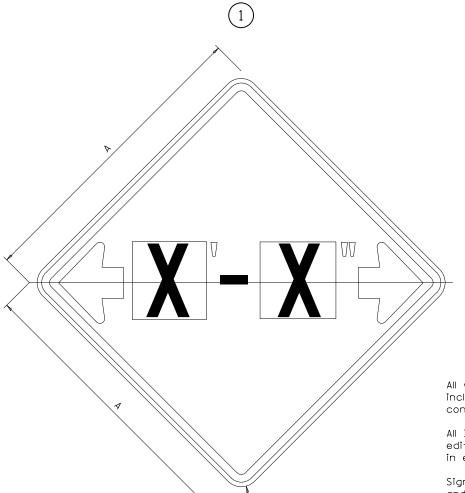
SIGN SIZE	SERI	ES BY	LINE	MARGIN	BUDUED	
SIGN SIZE	1	2	3	MARGIN	BORDER	
48 × 48	7C	7C	7C	1.250	0.750	

Sign not to scale

FILE NAME =	USER NAME = dossdd	DESIGNED -	REVISED - <u>3-0</u> 2-16			F.A. RTE.	SECTION	COUNTY TOTAL SHEET SHEETS NO.
pw://planroom.dot.illinois.gov:PWIDOT/Do	uments\IDOT Offices\District 2\Projects\Oper		adEV48810November_ <u>Let</u> ting\64P24 Bridge V		REGION 2 / DISTRICT 2 STANDARD	VAR.	D2 BC 2021-8	VARIOUS 18 10
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED	DEPARTMENT OF TRANSPORTATION				CONTRACT NO. 64P24
	PLOT DATE = Mar-17-2020 08:16:26 AM	DATE	REVISED		SCALE: SHEET NO OF SHEETS STA TO STA	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.

LEGEND AND BORDER BACKGROUND

FL ORANGE

NON-REFLECTORIZED REFLECTORIZED

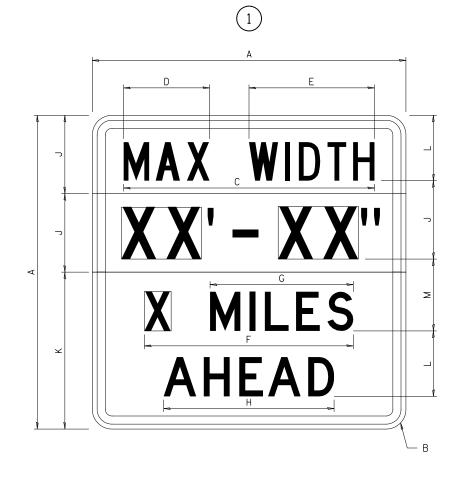
SIGN SIZE	DIMENSIONS				
316N 31ZE	Α	В			
48 × 48	48.00	3.00			

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

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

Sign not to scale

ILLINOIS STANDARD W12–I103



LEGEND AND BORDER BACKGROUND BACKGROUND (WIDTH) BLACK WHITE

NON-REFLECTORIZED REFLECTORIZED FL ORANGE REFLECTORIZED

SIGN SIZE		DIMENSIONS										
SIGN SIZE	Α	В	С	D	E	F	O	I	J	К	∟	М
48 × 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	S	ERIES	BY LIN	E	MADOIN	BORDER
31GN 31ZE	1	2	2 3 4 MARGIN		BONDER	
48 × 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 = dossdd	DESIGNED	REVISED - <u>3-0</u> 2-16				F.A.	SECTION	COUNTY CHEETE	SHEET NO.
١,	pw:\\planroom.dot.illinois.gov:PWIDOT\Docu	ments\IDOT Offices\District 2\Projects\Opera	:DRAWNdge Section\Bridge Washing Contr	acREV40SHDNovember <u>Let</u> ting\64P24 Bridge 1	ashing at various locations (8 STATE 24 OF ca lculation		REGION 2 / DISTRICT 2 STANDARD	VAR.	D2 BC 2021-8	VARIOUS 18	11
		PLOT SCALE = 100.0000 ' / in.	CHECKED	REVISED	DEPARTMENT OF TRANSPORTATION					CONTRACT NO. 6	4P24
		PLOT DATE = Mar-17-2020 08:16:40 AM	DATE	REVISED		SCALE:	SHEET NO OF SHEETS STA TO STA	FED. RO	AD DIST. NO. ILLINOIS FED. AI	D PROJECT	$\overline{}$

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS



COLOR

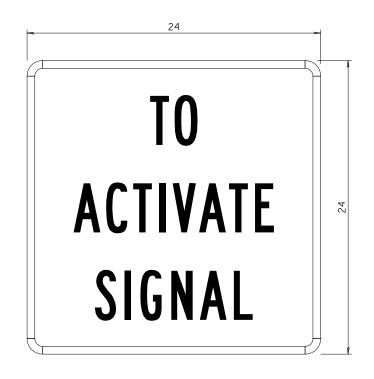
LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

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 11.7	O 18.1	0 30.0	V 36.2	E 42 . 8	R 48.4	S 54.4	I 60.7	Z 63 . 5	E 69 . 5	- 80 . 8				
0	V 8.6	E 15 . 0	R 20.4	W 26.2	E 33.4	I 38.8	G 41.3	H 47.4	T 53 . 2	L 64 . 5	0 69 . 9	A 75 . 9	D 82.9	S 88.7
X 7.6	X 13.6	M 25.3	I 32.3	L 35.1	E 40.6	S 46.2	A 57 . 9	H 65.1	E 71.4	A 76.6	D 83.7			

Sign not to scale

STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR

LEGEND AND BORDER BACKGROUND BLACK WHITE NON-REFLECTORIZED REFLECTORIZED

SIGN SI7F	SERIES BY LINE					
31GN 31ZE	1	2	3			
24 × 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 = dossdd	DESIGNED	REVISED - <u>3-0</u> 2-16			F.A. SECTION	COUNTY TOTAL SHEET SHEETS NO.
pw:\\planroom.dot.illinois.gov:PWIDOT\Docu	ments\IDOT Offices\District 2\Projects\Oper		ockEV46E0November_ <u>Let</u> ting\64P24 Bridge V		REGION 2 / DISTRICT 2 STANDARD	VAR. D2 BC 2021-8	VARIOUS 18 12
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	PLOT DATE = Mar-17-2020 08:16:48 AM	DATE	REVISED		SCALE: SHEET NO OF SHEETS STA TO STA	FED. ROAD DIST. NO ILLINOIS FED. A	NID PROJECT

ENTRANCE SIGN FOR USE WITH TEMPORARY SIGNALS

WORK ZONE SIGN DETAILS



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

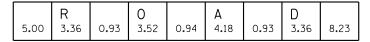
This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

22.31	C 3.36	0.62	A 4.18	0.94	U 3.36	0.94	T 3.04	0.94	I 0.78	1.17	0 3 . 52	1.17	N 3.36	22.31	
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	0		Ν		Е
8 . 23	3 . 51	1.17	3.36	1.18	3.04

L A N E 5.00 3.05 0.31 4.18 0.94 3.36 1.17 3.



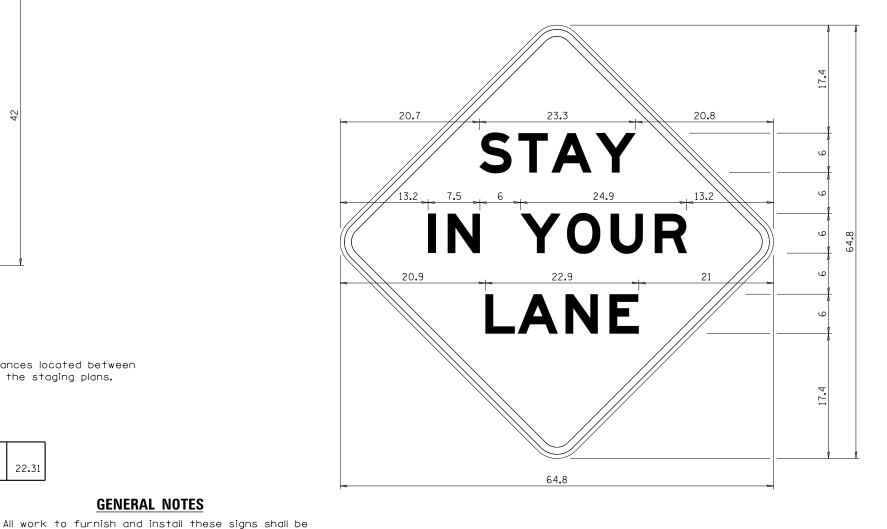


5.00	T 3.05	0.94	R 3.36	0.94	A 4.18	0.93	F 3.05	0.94	F 3.04	0.94	I 0.78	1.18	C 3.35	7.43
------	-----------	------	-----------	------	------------------	------	-----------	------	-----------	------	-----------	------	-----------	------

	F		L		0		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



BACKGROUND

LEGEND AND BORDER

BL ACK 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

l I	N	Υ	0	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

FILE NAME =	USER NAME = dossdd	DESIGNED	REVISED - <u>3-0</u> 2-16				F.A RTF.	SECTION	COUNTY TO	TOTAL SHEET
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	PLOT DATE = Mar-17-2020 08:16:55 AM	DATE	REVISED		SCALE:	SHEET NO OF SHEETS STA TO STA	FED. ROA	D DIST. NO ILLINOIS FED. A	AID PROJECT	

GENERAL NOTES

included in the cost of the specified traffic control standards and shall not be paid separately.

and 720 of the Standard Specifications.

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

All dimensions are in inches unless otherwise noted.

