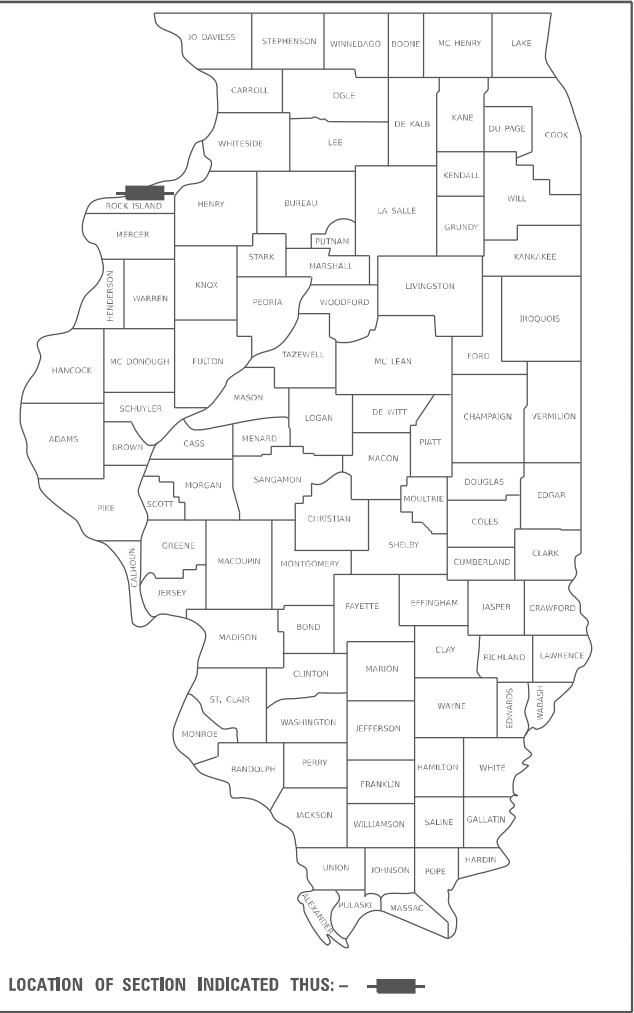


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	D2 BC 2025-08	ROCK ISLAND	11	1
		ILLINOIS	CONTRACT NO. 64U07	

D-92-082-25



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

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

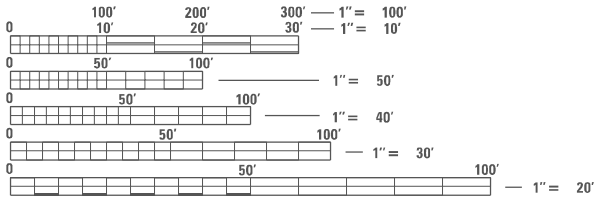
PROPOSED  
HIGHWAY PLANS

FAI 74 (I-74)  
SECTION D2 BC 2025-08  
PROJECT:  
TYPE of IMPROVEMENT: BRIDGE WASHING  
ROCK ISLAND COUNTY

C-92-008-25



LOCATION OF SECTION INDICATED THUS: - [hatched rectangle] -



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. 64U07

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED November 21 20 24  
[Signature] REGIONAL ENGINEER  
January 31 20 25  
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT  
January 31 20 25  
[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
5	SCHEDULE OF QUANTITIES
6	LOCATION MAP ROCK ISLAND COUNTY
7-10	WORK ZONE SIGN DETAILS (DIST STD 34.1)
11	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
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, MULTILANE 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701601-09	URBAN LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
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)

MODEL: Default  
FILE: \\nas111.pw\isot-pw.bentley.com\FWIDOT\Documents\DOT 0 cas\District 2\ORD Projects\Operations\Bridge Section\Bridge Washing Contracts\2025\March Letting\64UC7 Bridge Washing 1-74 structures (11)\CAD\64UC7-sht-cover.dgn

	USER NAME = David.Doss	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & STATE STANDARDS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				74	D2 BC 2025-08	ROCK ISLAND	11	2
	PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -				CONTRACT NO. 64U07				
	PLOT DATE = 10/28/2024	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS   FED. AID PROJECT		

# SUMMARY OF QUANTITIES

PAYCODE	DESCRIPTION	UNITS	0047 100% 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
59200110	BRIDGE WASHING NO. 10	EACH	1	1
59200111	BRIDGE WASHING NO. 11	EACH	1	1

MODEL: Default  
FILE: \\natick-pw\llet-cw-bentley.com\PIV\DOT\Documents\DOT 0 cas\District 2\ORR Projects\Operations\Bridge Section\Bridge Washing Contracts\2035\March Letting\64U07 Bridge Washing L24 Structures (1)\CAD\64U07-sh-covers.dgn

	USER NAME = David.Doss	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							74	D2 BC 2025-08	ROCK ISLAND	11	3
	PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -							CONTRACT NO. 64U07				
	PLOT DATE = 10/28/2024	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS	FED. AID PROJECT	

# SUMMARY OF QUANTITIES

PAYCODE	DESCRIPTION	UNITS	047 100% STATE	TOTAL
67100100	MOBILIZATION	L SUM	1	1
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	11	11
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1

MODEL: Default  
FILE: \\natick-pw\llet-cw.bentley.com\PIV\DOT\Documents\DOT 0 ces\District 2\ORR Projects\Operations\Bridge Section\Bridge Washing Contracts\2035\March Letting\64U07 Bridge Washing L-74 Structures (1)\CADD\64U07-sh-covers.dgn

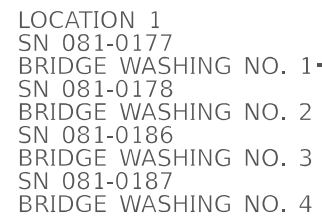
# SCHEDULE OF QUANTITIES

	PAY ITEM	PROJECT LOCATION	SN	FACILITY CARRIED	FEATURE CROSSED	BRIDGE LOCATION	TRAFFIC CONTROL
*	BRIDGE WASHING NO. 1	1	081-0177	FAI 74	RIVER DR, 1-7TH AVE	APP TO MISS RIVER	701400, 701401 & 701601
*	BRIDGE WASHING NO. 2		081-0178	FAI 74	RIVER DR, 1-7TH AVE	APP TO MISS RIVER	701400, 701401 & 701601
*	BRIDGE WASHING NO. 3		081-0186	FAI 74 RAMP (6TH)	BNSF RR & 4TH AVE	IN MOLINE	701400, 701401 & 701601
*	BRIDGE WASHING NO. 4		081-0187	FAI 74 RAMP (6TH)	BNSF RR & 4TH AVE	0.75 MI S OF IOWA	701400, 701401 & 701601
*	BRIDGE WASHING NO. 5	2	081-0179	FAI 74 WB	19TH STREET	0.5 MI N OF 23RD AVE	701400, 701401, 701006 & 701601
*	BRIDGE WASHING NO. 6		081-0180	FAI 74 EB	19TH STREET	0.5 MI N OF 23RD AVE	701400, 701401, 701006 & 701601
*	BRIDGE WASHING NO. 7		081-0181	FAI 74 NB OFF RAMP	19TH STREET	1.1 MI S OF IOWA	701400, 701401, 701006 & 701601
*	BRIDGE WASHING NO. 8	3	081-0182	FAI 74 WB	12TH AVENUE	0.7 MI N OF 23RD AVE	701400, 701401 & 701201
*	BRIDGE WASHING NO. 9		081-0183	FAI 74 EB	12TH AVENUE	0.7 MI N OF 23RD AVE	701400, 701401 & 701201
*	BRIDGE WASHING NO. 10	4	081-0184	FAI 74 WB	19TH STREET SB	0.2 MI N OF 23RD AVE	701400, 701401, 701006 & 701601
*	BRIDGE WASHING NO. 11		081-0185	FAI 74 EB	19TH STREET SB	0.2 MI S OF 23RD AVE	701400, 701401, 701006 & 701601

\* SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS

MODEL: Default  
FILE: \\nas1c-pw\lib-caw-bentley.com\PIV\DOT\Documents\DOT 0 cas\District 2\ORR Projects\Operations\Bridge Section\Bridge Washing Contracts\2035\March Letting\64U07 Bridge Washing L-74 Structures (1)\ICADD\64U07-bridge-covers.dgn

	USER NAME = David.Doss	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							74	D2 BC 2025-08	ROCK ISLAND	11	5
	PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -							CONTRACT NO. 64U07				
	PLOT DATE = 10/28/2024	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS	FED. AID PROJECT	

I  
A  
B  
I

LOCATION 2  
SN 081-0179  
BRIDGE WASHING NO. 5  
SN 081-0180  
BRIDGE WASHING NO. 6  
SN 081-0181  
BRIDGE WASHING NO. 7

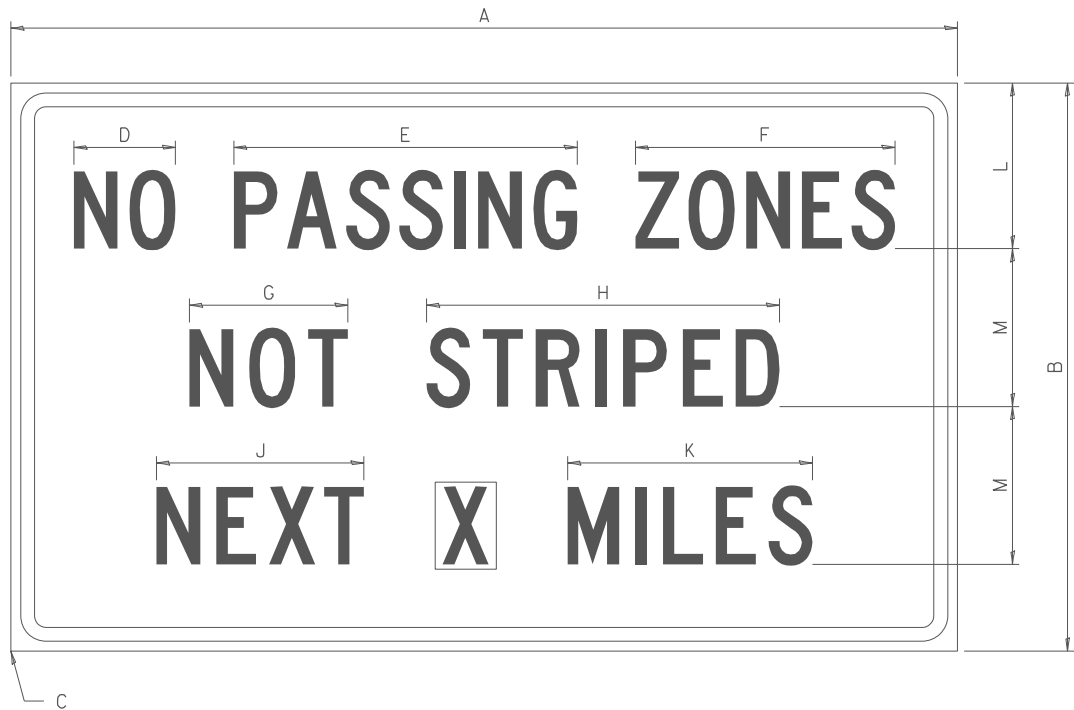
LOCATION 3  
SN 081-0182  
BRIDGE WASHING NO. 8  
SN 081-0183  
BRIDGE WASHING NO. 9

LOCATION 4  
SN 081-0184  
BRIDGE WASHING NO. 10  
SN 081-0185  
BRIDGE WASHING NO. 11

FILE NAME: D:\PROJECTS\2025\2025-08\2025-08-08\2025-08-08.DWG	USER NAME = David.Doss	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROCK ISLAND COUNTY LOCATION MAP				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -						74	D2 BC 2025-08	ROCK ISLAND	11	6	
	PLOT SCALE = \$SCALE	CHECKED -	REVISED -						CONTRACT NO. 64U07					
	PLOT DATE = 10/28/2024	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				
										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

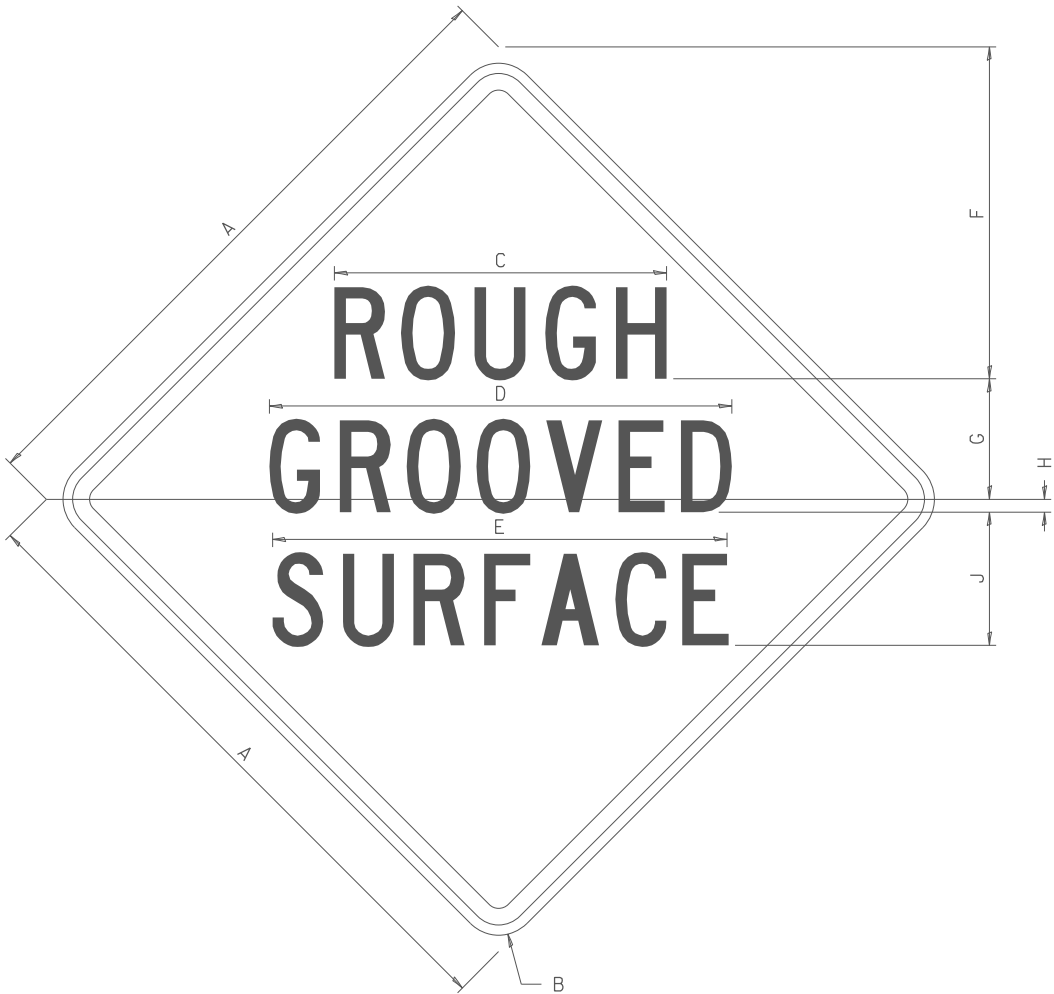
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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 : p:\1\1ldot-pw.bentley.com\PI\DOT\Documents\	USER NAME : David.Doss	DESIGNED : DRAWN	REVISED : 3-02-16 REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD				F.A.I. RTE.: 74	SECTION: D2 BC 2025-08	COUNTY: ROCK ISLAND	TOTAL SHEETS: II	SHEET NO.: 7
	PLOT SCALE : #SCALE#	CHECKED : DATE	REVISED : REVISED						CONTRACT NO. 64U07				
	PLOT DATE : 10/28/2024	DATE	REVISED		SCALE:      SHEET NO. OF      SHEETS      STA.      TO STA.				FED. ROAD DIST. NO.      ILLINOIS      FED. AID PROJECT				

# ILLINOIS STANDARD W12-I102

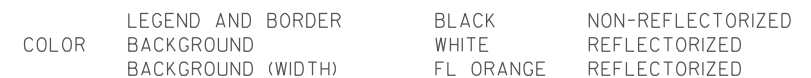


All dimensions are in inches unless otherwise noted.

① Illinois Standard signs W12-1102 and W12-1103 shall be used as described in the special provisions.

Sign not to scale

**ILLINOIS STANDARD W12-I103**



Sign not to scale

FILE NAME =	USER NAME = David.Doss	DESIGNED -	REVISED - 3-02-16	<div>STATE OF ILLINOIS</div> <div>DEPARTMENT OF TRANSPORTATION</div>	<div>REGION 2 / DISTRICT 2 STANDARD</div>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\i\ldot\p\w.bentley.com\PWIDOT\Documents\1\DOT Offices\District 2\ORO Projects\Operations\DRAW\Bridge Section\Bridge Washing Cont\REVISED\64U07 Bridge Washing [74 structures (11)/CAADD\64U07 Bridge Washing [74 structures (11).dwg]	1\DOT Offices\District 2\ORO Projects\Operations\DRAW\Bridge Section\Bridge Washing Cont\REVISED\64U07 Bridge Washing [74 structures (11)/CAADD\64U07 Bridge Washing [74 structures (11).dwg]	CHECKED -	REVISED -			74	D2 BC 2025-08	ROCK ISLAND	II	8
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -				CONTRACT NO. 64U07				
PLOT DATE = 10/28/2024	DATE	REVISED -				SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	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
-------	------------------------------	--------------	---------------------------------

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 : p:\1\1dot-pw.bentley.com\PI\DOT\Documents\	USER NAME : David.Doss	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DOT Offices/District 2/ORD Projects/Operations/	DESIGNED -	REVISED -					74	D2 BC 2025-08	VARIOUS	II	9
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -					CONTRACT NO. 64U07				
	PLOT DATE = 10/28/2024	DATE -	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 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	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	3.36	1.18	3.04

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

5.00	R		O		A		D	
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	

	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

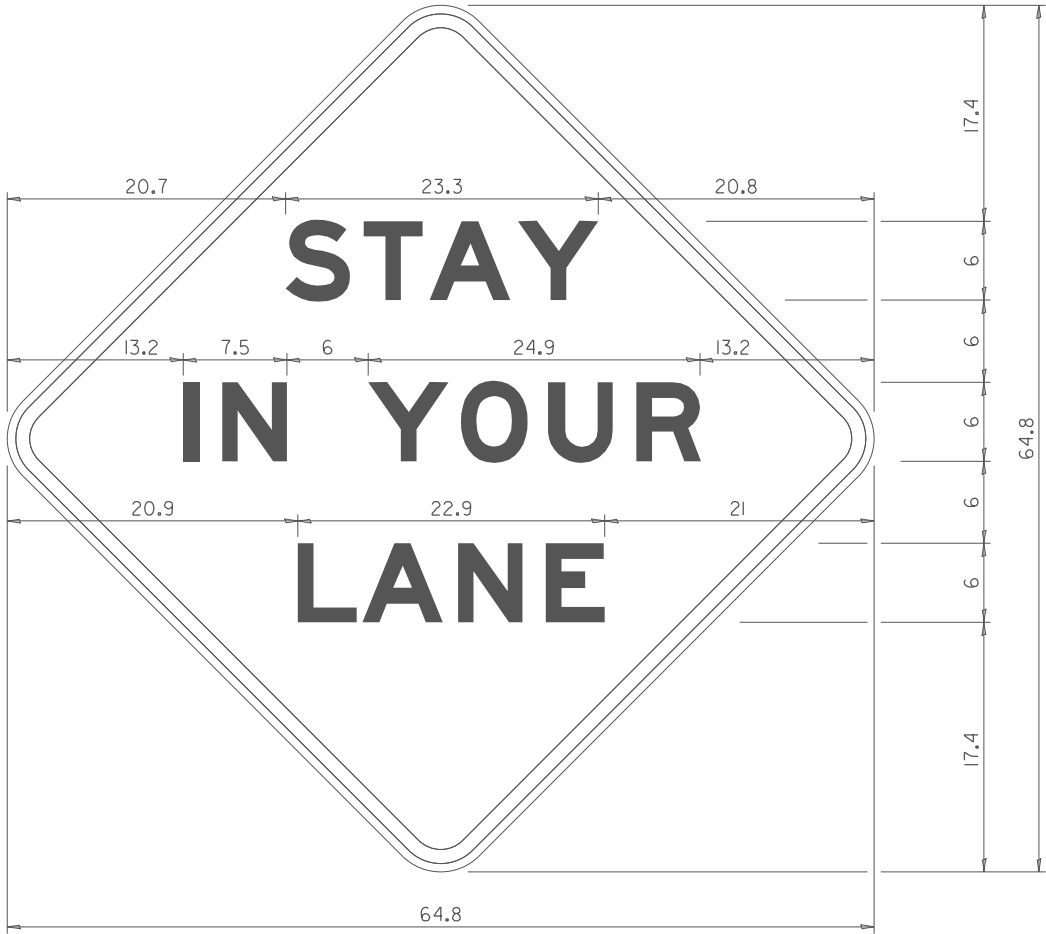
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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 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

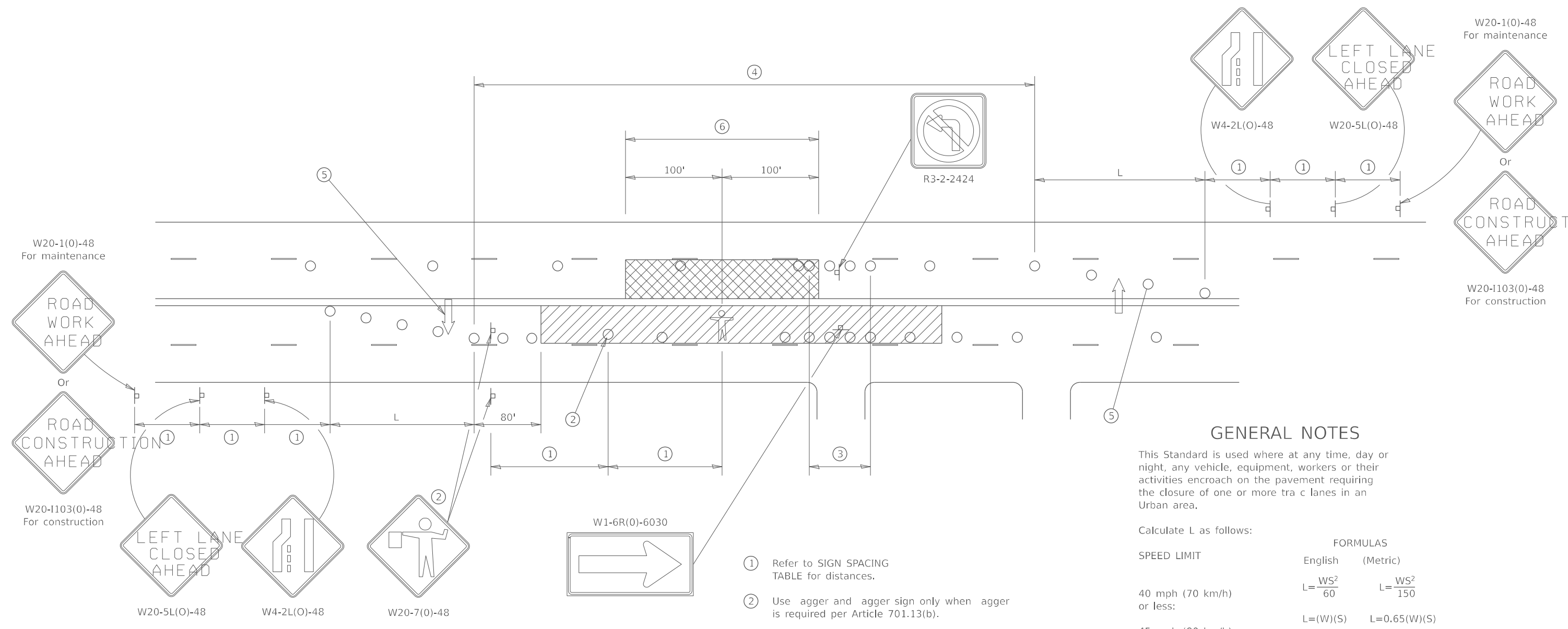
S	T	A	Y
20.7	26.8	31.6	38.0

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

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 tra c lanes in an Urban area.

Calculate L as follows:

SPEED LIMIT

FORMULAS

English (Metric)

$L = \frac{WS^2}{60}$        $L = \frac{WS^2}{150}$

40 mph (70 km/h) or less:

$L = (W)(S)$        $L = 0.65(W)(S)$

45 mph (80 km/h) or greater:

W = Width of o set 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 re ectorized cones shall not be used during hours of darkness.

This Tra c Control detail shall be included in the cost of Tra c 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 agger and agger sign only when agger 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.