

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

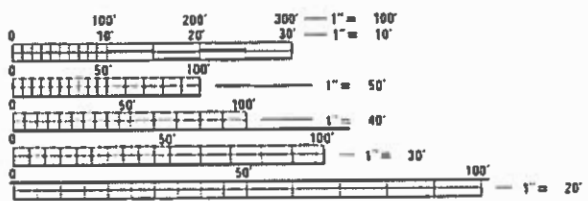
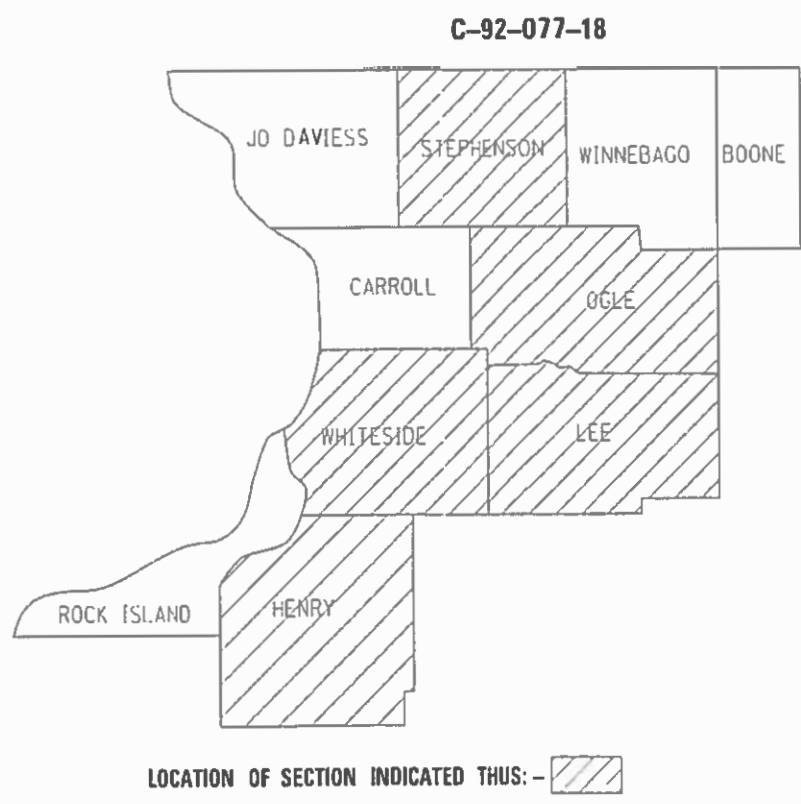
I.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D2 BC 2019-5	VARIOUS	18	1
CONTRACT NO. 64M99				

069

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

# PROPOSED HIGHWAY PLANS

VARIOUS ROUTES  
SECTION D2 BC 2019-5  
PROJECT: NHPP-STP-UKCH(797)  
TYPE of IMPROVEMENT: BRIDGE WASHING  
VARIOUS COUNTIES



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. 64M99

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 8-10-2018  
*Manuel*  
REGIONAL ENGINEER

Oct 5 2018  
*Paul E. Ch...*  
ENGINEER OF DESIGN AND ENVIRONMENT

Oct 5 2018  
*Paul E. Ch...*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

# INDEX OF SHEETS

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- 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
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS,  $\geq$  45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701400-09 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-11 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701901-07 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: \\nas101.pva.illinois.gov\PIV\DOT\Documents\DOT\_Offices\District 2\Projects\Operations\Bridges\_Section\Bridges\_Washlog\_Contract\3019\64M99\_Bridges\_Washlog\_at\_various\_locations (8\_structures)\CADD\64M99-ht-cover.dgn

USER NAME = dossed	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS &amp; STATE STANDARDS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100,0000 ' / in.	CHECKED - _____	REVISED - _____				VAR.	D2 BC 2019-5	VARIOUS	18	2
PLOT DATE = Aug-06-2018 11:48:55 AM	DATE - _____	REVISED - _____		SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 64M99				
						ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

Paycode	Description	Units	HENRY COUNTY	LEE COUNTY	OGLE COUNTY		STEPHENSON COUNTY	WHITESIDE COUNTY		Total
			0047 STP 80% FEDERAL 20% STATE	0047 NHPP 80% FEDERAL 20% STATE	0047 NHPP 80% FEDERAL 20% STATE	0047 STP 80% FEDERAL 20% STATE	0047 NHPP 80% FEDERAL 20% STATE	0047 STP 5-200k 80% FEDERAL 20% STATE	0047 NHPP 80% FEDERAL 20% STATE	
			Rural	Rural	Urban	Rural	Rural	Urban	Urban	
		SN's	037-0149	052-0063	071-0066	071-0088	089-0042 089-0081	098-0034	098-0115	
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	0.20	0.20	0.10	0.10	0.20	0.10	0.10	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	0.33	0.33				0.34		1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM			0.33	0.33			0.34	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM					1			1
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM			1					1

MODEL: Default  
 FILE: \\mhc-pw\ulb\B&E\BID\NTEC\Illinois\gov\PW\DOT\Documents\DOT\_Offices\District 2\Projects\Operations\Bridges\_Section\Bridges\_Washing\_Contract\3019\64M99\_Bridges\_Washing\_at\_various\_locations (8\_structures)\CADD\64M99-ph-cover.dgn

USER NAME = drossdd	DESIGNED - _____	REVISED - _____
PLOT SCALE = 100,0000 ' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = Sep-18-2018 11:45:26 AM	CHECKED - _____	REVISED - _____
	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 2019-5	VARIOUS	18	3
			CONTRACT NO. 64M99	
		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	037-0149	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

MODEL: Default  
 FILE: \\blu08a0e01n01ec.illinois.gov\pww\DOT\Documents\DOT\_Offices\District 2\Projects\Operations\Bridges\_Section\Bridges\_Washing\_Contracts\2019\64M99\_Bridges\_Washing\_at\_various\_locations\B\_structures\CADD\64M99-phs-cover.dgn

USER NAME = dssdd	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Oct-02-2018 01:50:00 PM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

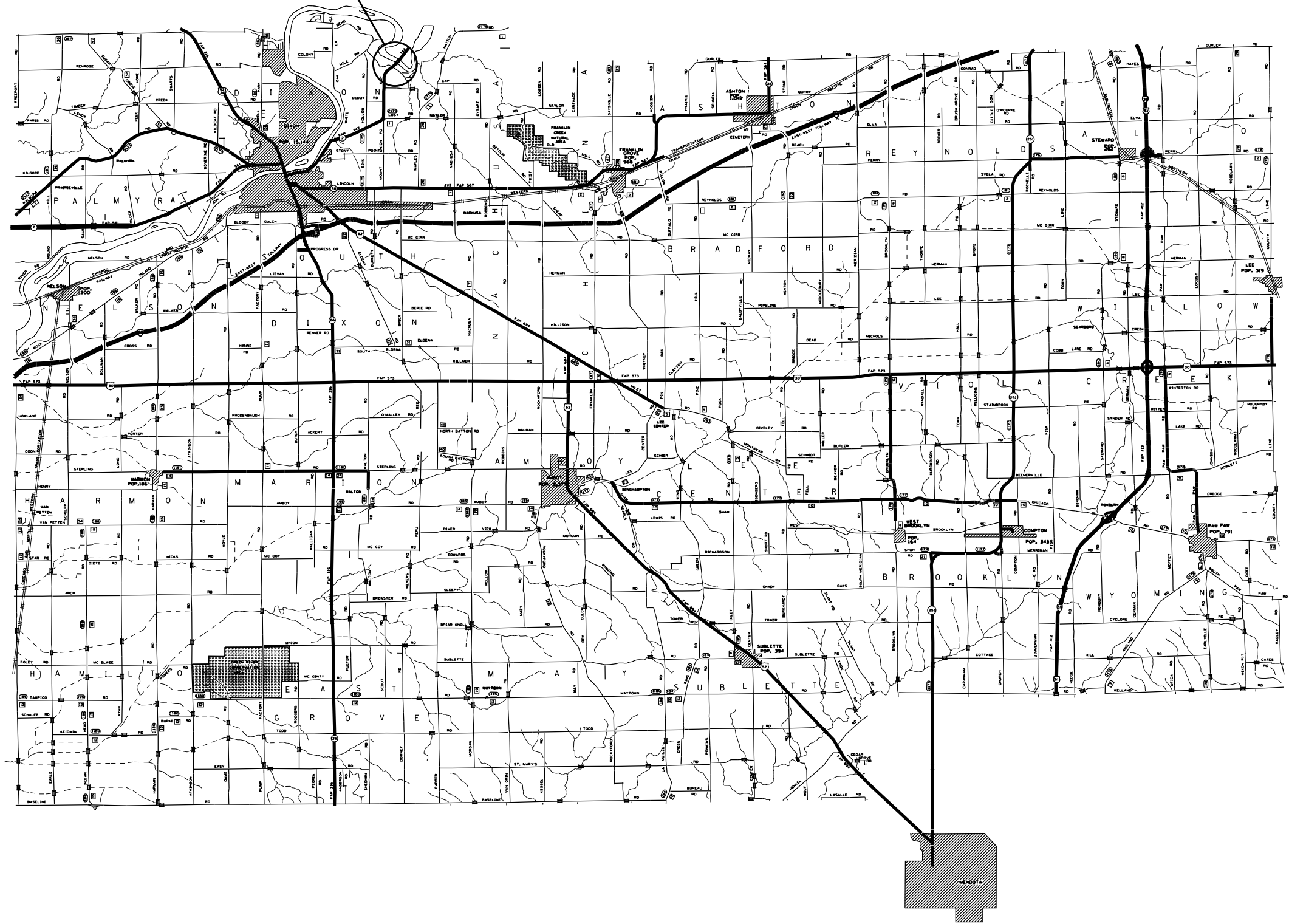
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2019-5	VARIOUS	18	4
CONTRACT NO. 64M99				
ILLINOIS FED. AID PROJECT				



# LEE COUNTY



LOCATION 2  
SN 052-0063 BRIDGE WASHING NO. 2



MODEL: Default  
 FILE: \\hpc01\B&E\BID\ITC\Illinois\gov\PI\DOT\Documents\DOT\_Offices\District 2\Projects\Operations\Bldge\_Section\Bldge\_Washing\_Contract\3019\64M99\_Bridge\_Washing\_at\_various\_locations\8\_structures\CADD\64M99-sh-cover.dgn

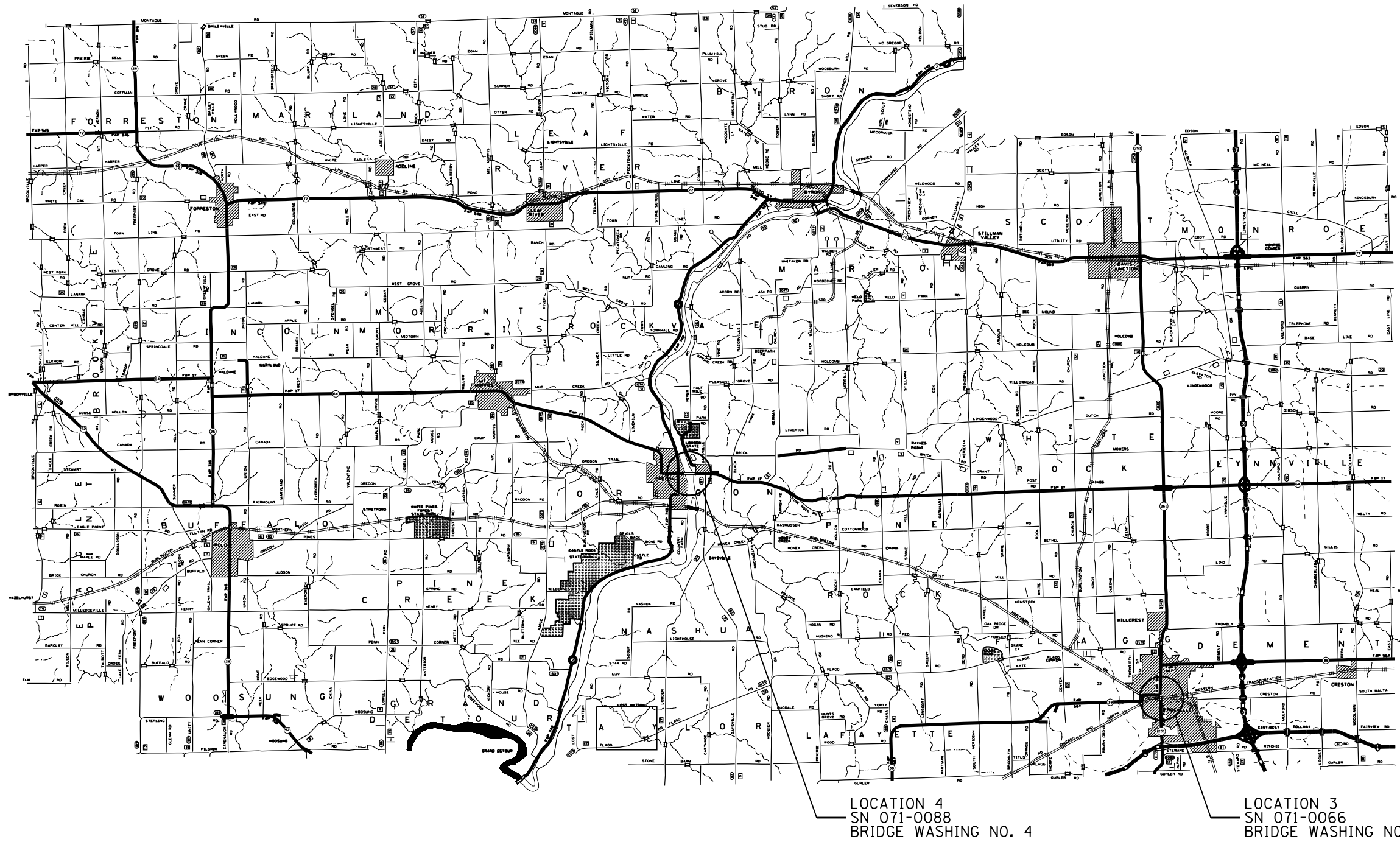
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DRAWN - _____	REVISED - _____	
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PLOT DATE = Aug-06-2018 11:49:28 AM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>LEE COUNTY LOCATION MAP</b>	
SCALE: _____	SHEET _____ OF _____ SHEETS
STA. _____	TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2019-5	VARIOUS	18	6
CONTRACT NO. 64M99				
ILLINOIS FED. AID PROJECT				

# OGLE COUNTY



MODEL: Default  
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USER NAME = dossdd	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Aug-06-2018 11:49:38 AM	DATE - _____	REVISED - _____

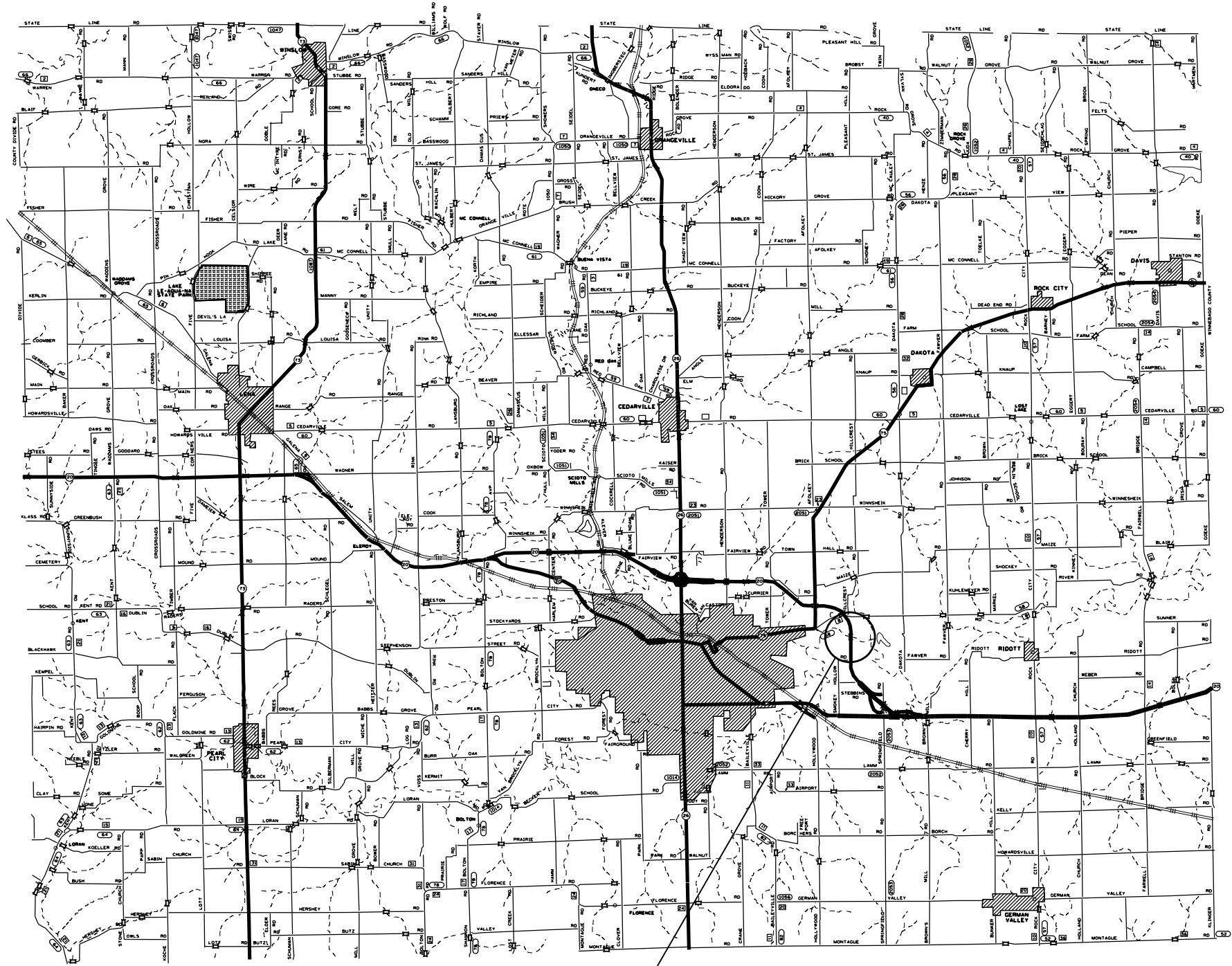
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**OGLE COUNTY**  
**LOCATION MAP**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2019-5	VARIOUS	18	7
CONTRACT NO. 64M99				
ILLINOIS FED. AID PROJECT				

# STEPHENSON COUNTY



LOCATION 5  
 SN 089-0081 BRIDGE WASHING NO. 6  
 SN 089-0042 BRIDGE WASHING NO. 5

MODEL: Default  
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USER NAME = dossed	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

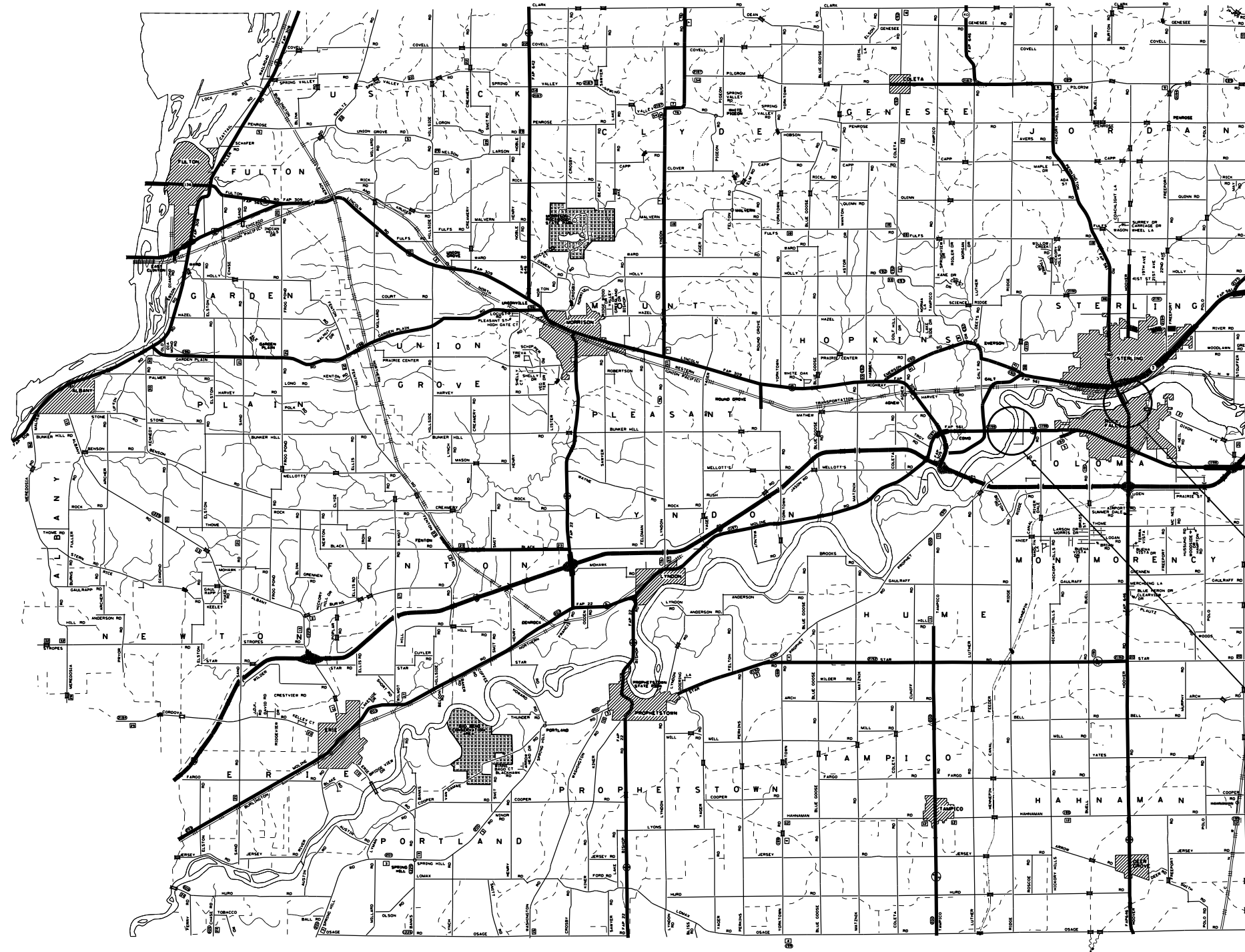
**STEPHENSON COUNTY  
 LOCATION MAP**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2019-5	VARIOUS	18	8
CONTRACT NO. 64M99				
ILLINOIS FED. AID PROJECT				



# WHITESIDE COUNTY



LOCATION 7  
SN 098-0115  
BRIDGE WASHING NO. 8

LOCATION 6  
SN 098-0034  
BRIDGE WASHING NO. 7

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WHITESIDE COUNTY  
LOCATION MAP

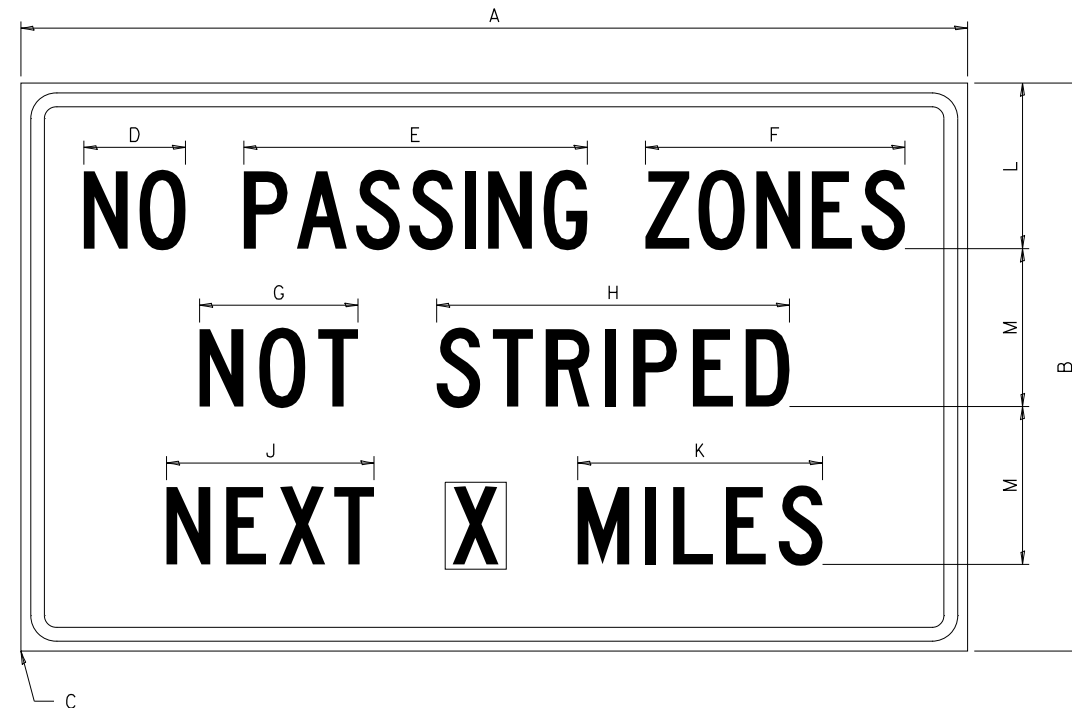
SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 BC 2019-5	VARIOUS	18	9
			CONTRACT NO. 64M99	
ILLINOIS FED. AID PROJECT				

USER NAME = dossed	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100,000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Aug-06-2018 11:49:54 AM	DATE - _____	REVISED - _____

# WORK ZONE SIGN DETAILS

**ILLINOIS STANDARD G20-I100**



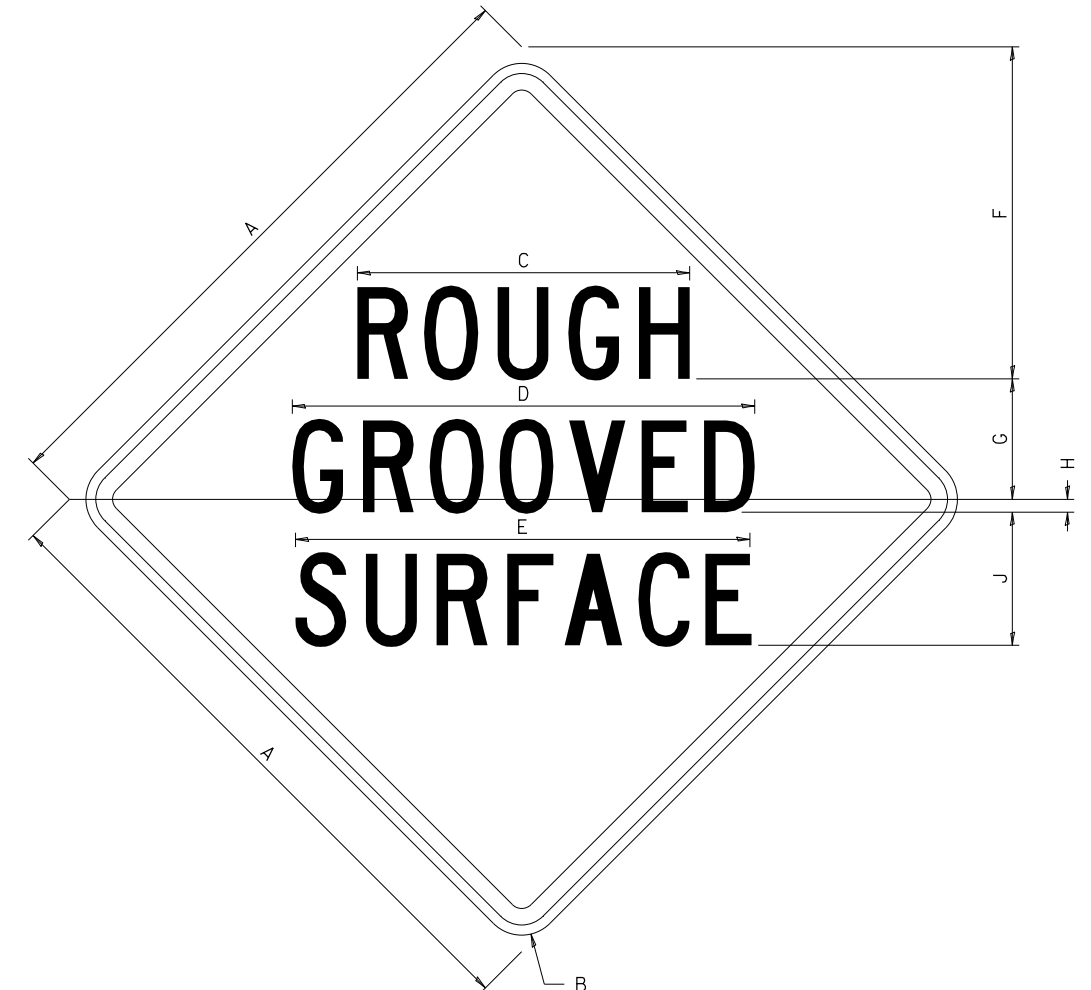
COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

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.

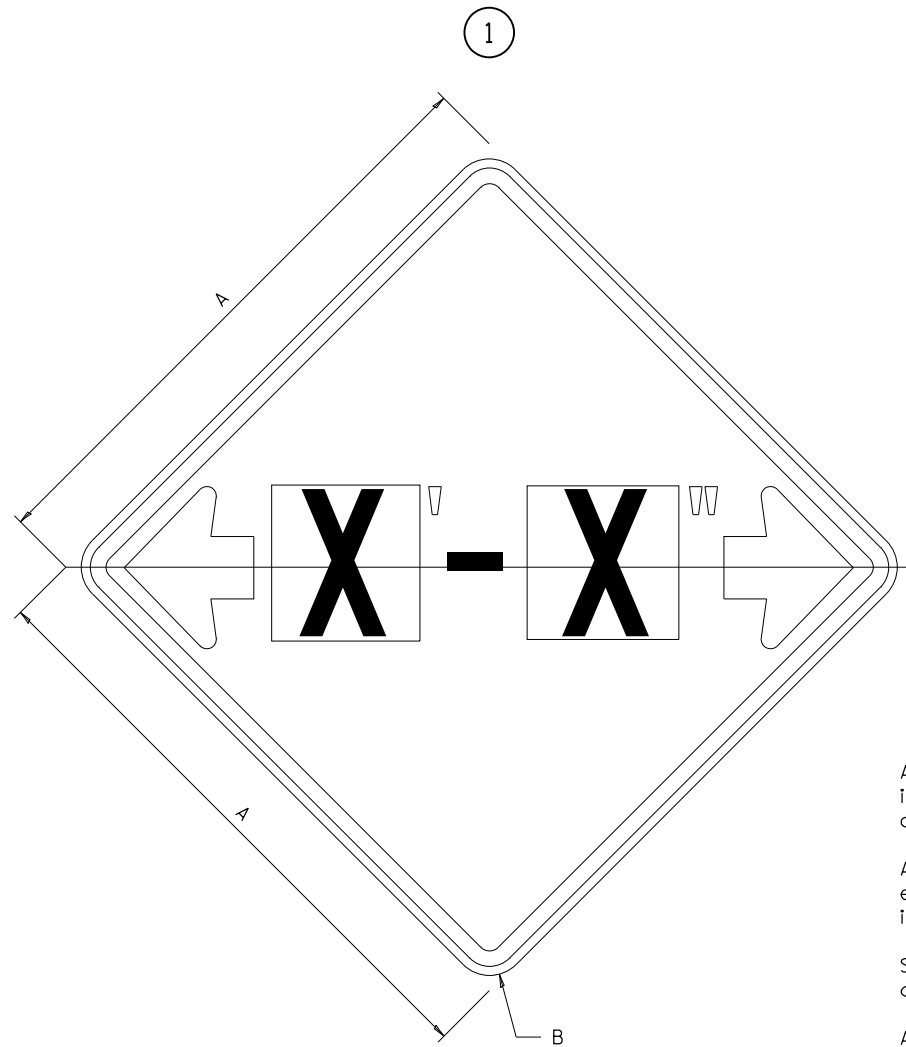
Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

FILE NAME =	USER NAME = dosddd	DESIGNED -	REVISED - 3-02-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\Open Bridge-Section\Bridge Washing Control\REVISED\64M99 Bridge Washing at various locations (8 structures)\CALC	DRAWN	CHECKED -	REVISED -			VAR.	D2 BC 2019-5	VARIOUS	18	10
PLOT SCALE = 100.0000' / in.	PLOT DATE = Aug-06-2018 11:50:04 AM	DATE -	REVISED -			CONTRACT NO. 64M99		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

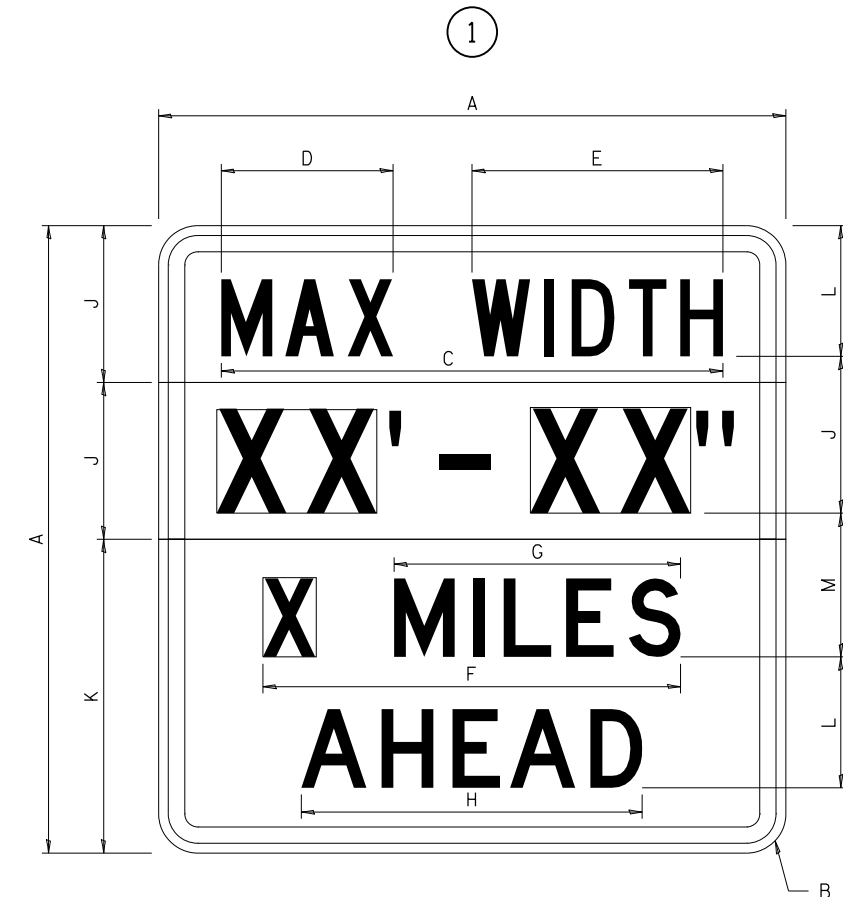
SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

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

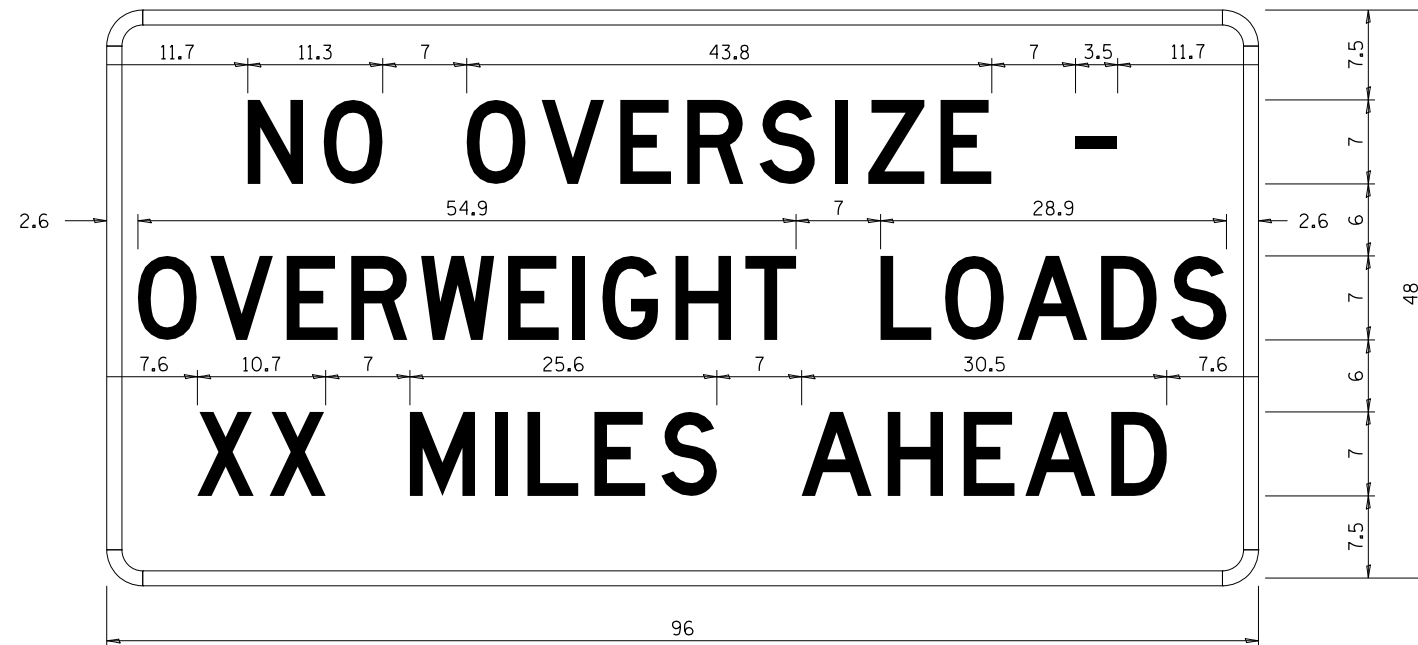
XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE

FILE NAME =	USER NAME = dosddd	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:\IL\084EBIDINTEG.illinois.gov\PIDOT\Documents\DOT Offices\District 2\Projects\Operations\Bridges\Section\Bridges\Washing\Contract\64M99\Bridges\Washing at various locations (8 structures)\CAD\Signs\W12-I103	DRAWN	CHECKED -	REVISED -			VAR.	D2 BC 2019-5	VARIOUS	18	11
PLOT SCALE = 100.0000' / in.	PLOT DATE = Aug-06-2018 11:50:12 AM	DATE -	REVISED -			CONTRACT NO. 64M99		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

# 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

COLOR LEGEND AND BORDER BACKGROUND BLACK WHITE 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.

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

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

Sign not to scale

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

### 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.

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

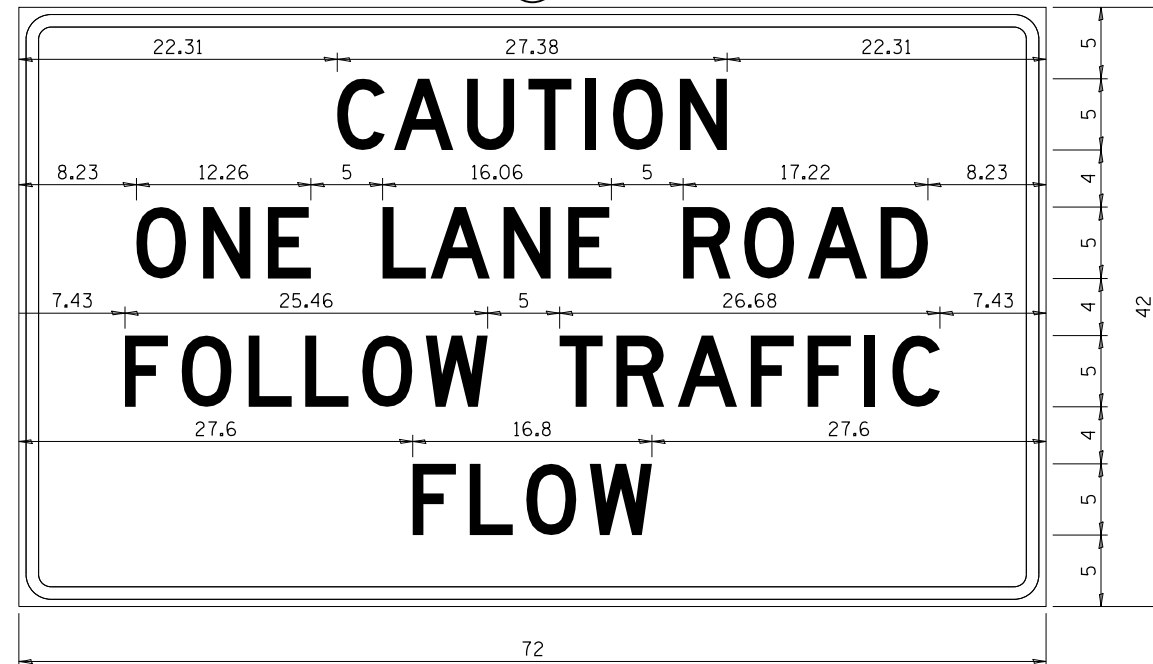
Sign not to scale

FILE NAME =	USER NAME = dosddd	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:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\Open\BRAWN\Bridges-Section\Bridges Washing Contr\REVISED\64M99 Bridge Washing at various locations (8 structures)\CALC\	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			VAR.	D2 BC 2019-5	VARIOUS	18	12
PLOT DATE = Aug-06-2018 11:50:19 AM	DATE -	REVISED -	SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____			CONTRACT NO. 64M99				

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

8.23	O	1.17	N	1.18	E	3.04
	3.51		3.36		3.04	

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

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

7.43	F	0.94	O	1.17	L	0.94	L	0.94	O	0.94	W	4.37
	3.04		3.52		3.04		3.05		3.51		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		3.36		4.18		3.05		3.04		0.78		3.35	

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

Sign not to scale

**GENERAL NOTES**

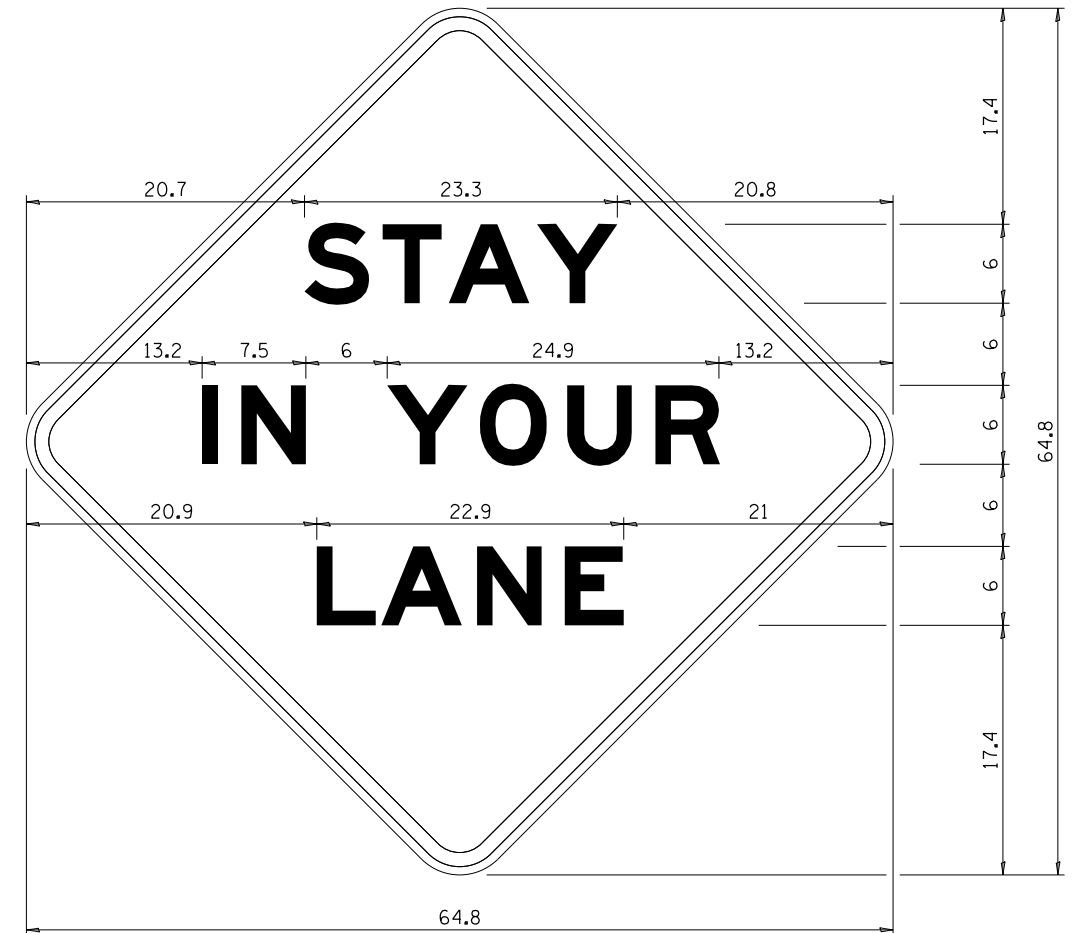
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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

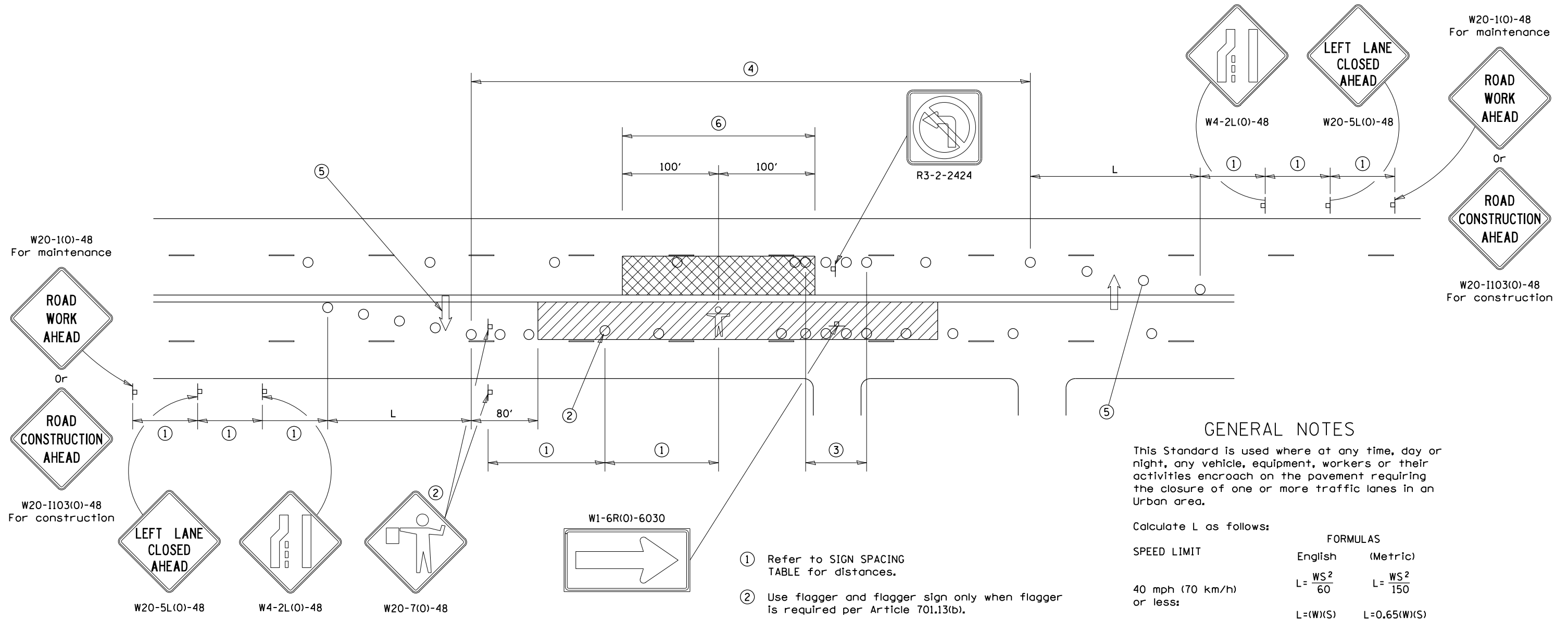
I	N	Y	O	U	R
13.2	15.9	26.7	33.9	40.5	46.8

L	A	N	E
20.9	25.8	33.1	39.4

Sign not to scale

FILE NAME =	USER NAME = dosddd	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.	
DRAWN -						REVISED -	VAR.	D2 BC 2019-5	VARIOUS	18	13
PLOT SCALE = 100.0000' / in.						CHECKED -	REVISED -	CONTRACT NO. 64M99			
PLOT DATE = Aug-06-2018 11:50:25 AM				DATE -	REVISED -	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					

# 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

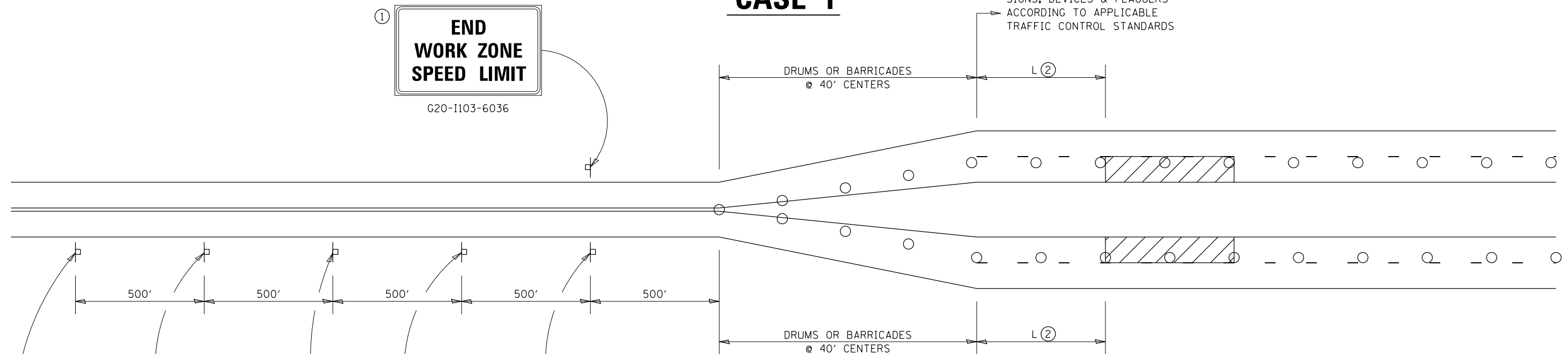
SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

- 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.

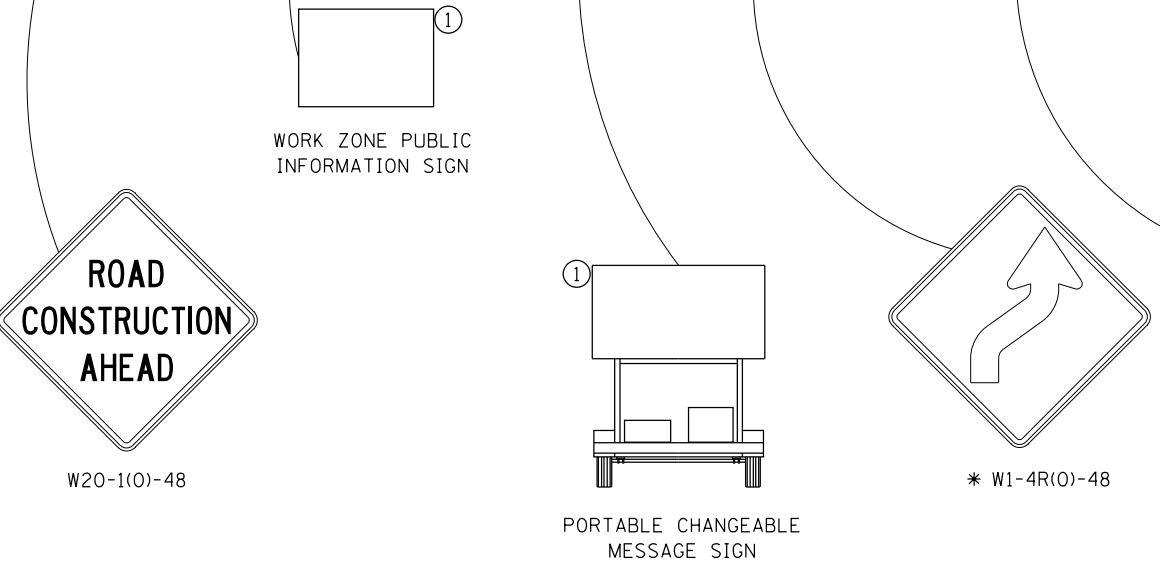
# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 1

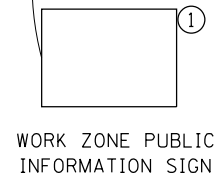
SIGNS, DEVICES & FLAGGERS ACCORDING TO APPLICABLE TRAFFIC CONTROL STANDARDS



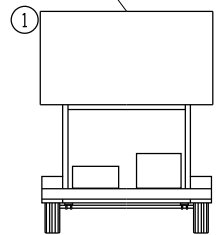
SIGNS, DEVICES & FLAGGERS ACCORDING TO APPLICABLE TRAFFIC CONTROL STANDARDS



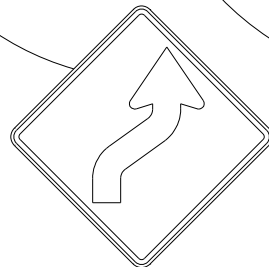
W20-1(0)-48



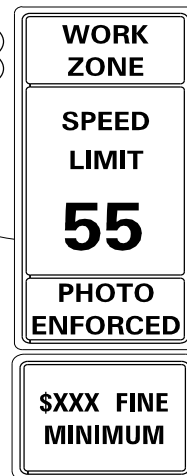
WORK ZONE PUBLIC INFORMATION SIGN



PORTABLE CHANGEABLE MESSAGE SIGN



\* W1-4R(0)-48



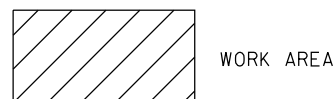
W2-1115(0)-3618

R2-1-3648

R10-1108p-3618  
(only along roadways under the jurisdiction of the State.)

R2-1106-3618

○ DRUMS OR BARRICADES WITH LIGHTS



WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

\* DEPENDS ON GEOMETRICS OF THE TRANSITION. MAY SWITCH THE "STAY IN YOUR LANE" AND "WEAVE SIGNS"

GENERAL NOTES  
THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

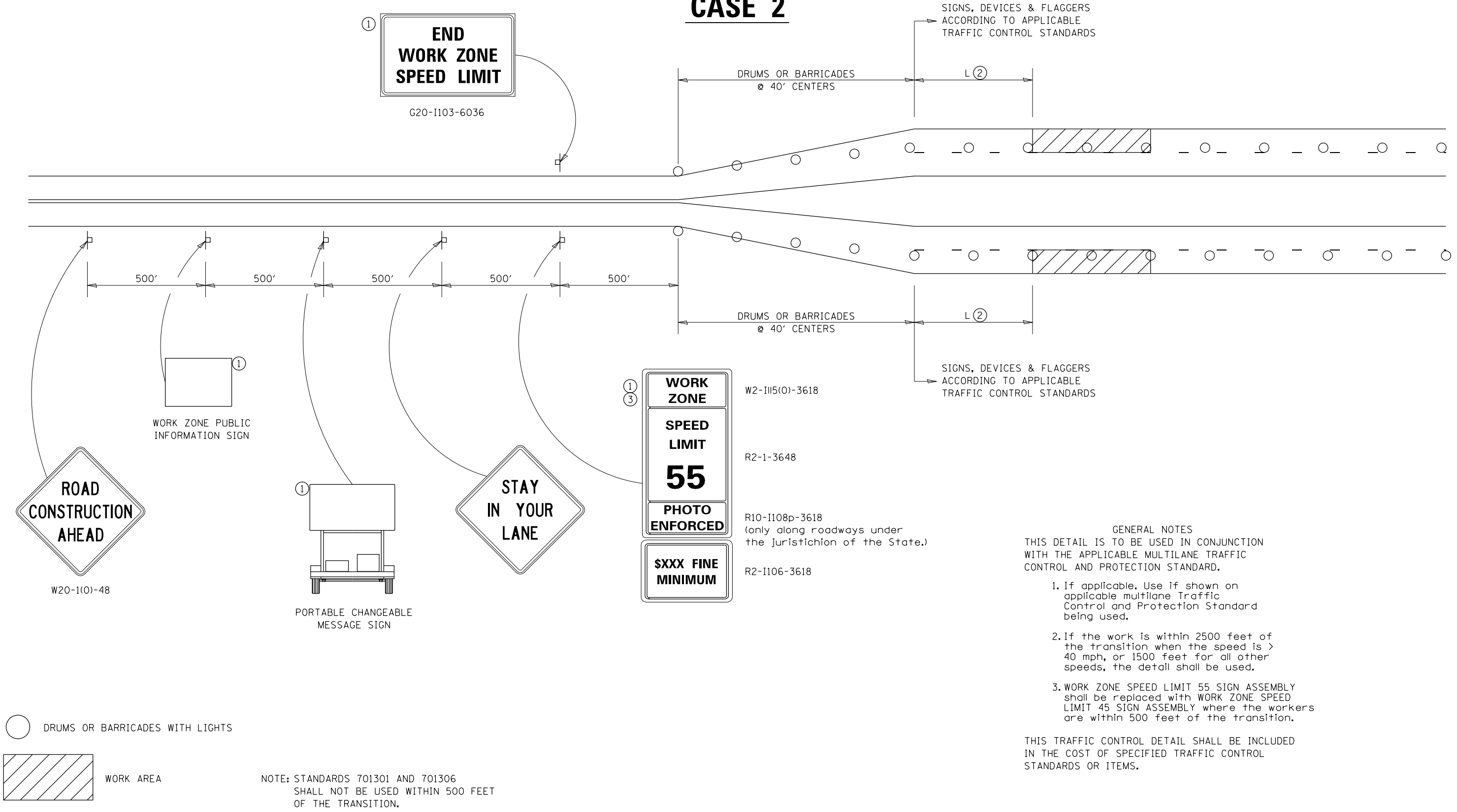
1. If applicable. Use if shown on applicable multilane Traffic Control and Protection Standard being used.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

FILE NAME =	USER NAME = dosddd	DESIGNED -	REVISED - 4-20-17	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\Open Bridge-Section\Bridge Washing Contract\REVISED\64M99	DRAWN	REVISION	REVISED - 8-27-13			VAR.	D2 BC 2019-5	VARIOUS	18	15
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISION	REVISED - 1-16-13			CONTRACT NO. 64M99				
PLOT DATE = Aug-06-2018 11:50:41 AM	DATE -	REVISION	REVISED - 1-16-13	SCALE: _____	SHEET NO. ____ OF ____ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT			

# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 2



- GENERAL NOTES
- THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.
1. If applicable, Use if shown on applicable multilane Traffic Control and Protection Standard being used.
  2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
  3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

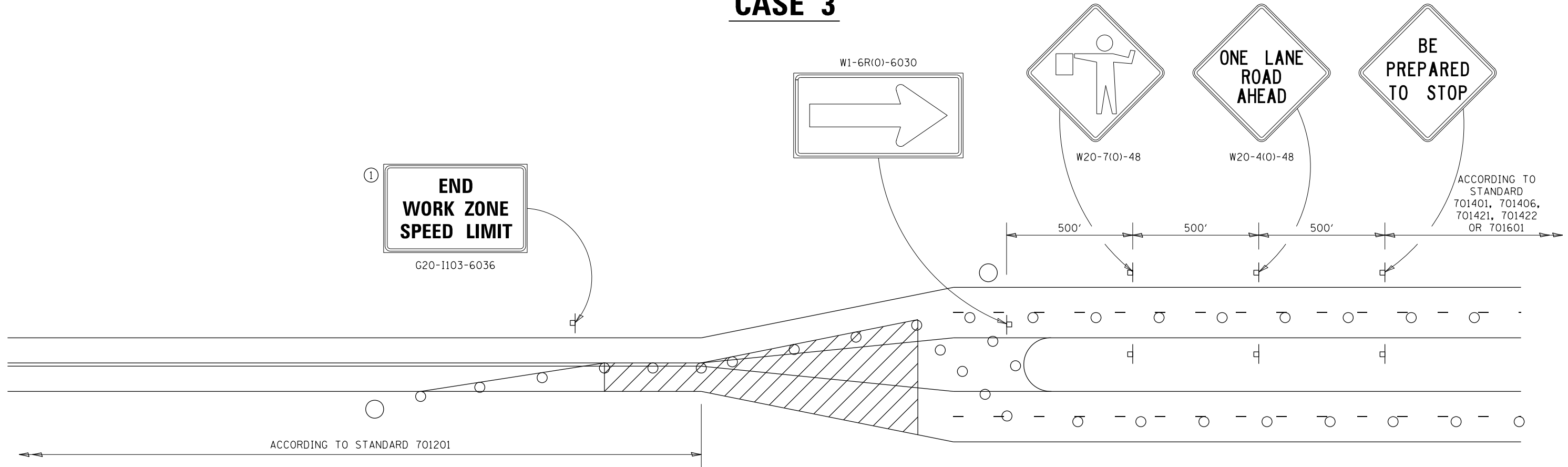
THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

FILE NAME =	USER NAME = dosddd	DESIGNED -	REVISED - 4-20-17	<b>STATE OF ILLINOIS</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -				<b>DEPARTMENT OF TRANSPORTATION</b>	SCALE: _____	SHEET NO. _____ OF _____ SHEETS	VAR.	D2 BC 2019-5	VARIOUS	18
PLOT SCALE = 100.0000' / in.				REVISED - 8-27-13	STA. _____ TO STA. _____		CONTRACT NO. 64M99		16	16
PLOT DATE = Aug-06-2018 11:50:51 AM				REVISED - 1-16-13	FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT					



# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 3



**GENERAL NOTES**  
 THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable, Use if shown on applicable multilane Traffic Control and Protection Standard being used.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

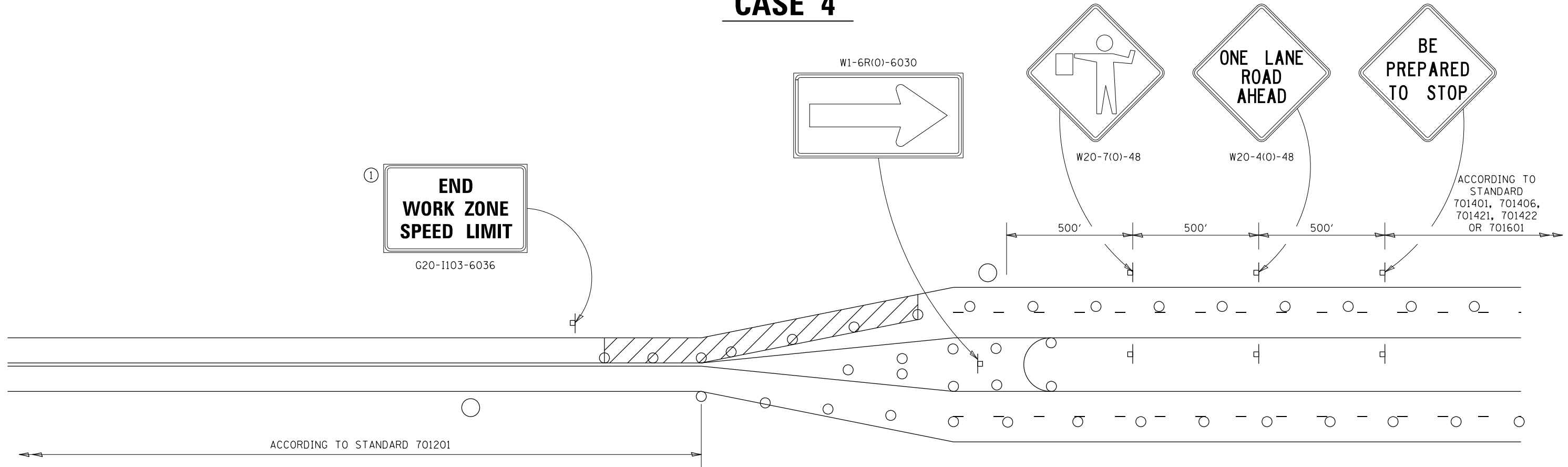
- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUMS OR BARRICADES WITH LIGHTS
- WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

FILE NAME =	USER NAME = dosddd	DESIGNED -	REVISED - 4-20-17	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN BY: [unclear]						VAR.	D2 BC 2019-5	VARIOUS	18	17
PLOT SCALE = 100.0000' / in.						CHECKED -	CONTRACT NO. 64M99			
PLOT DATE = Aug-06-2018 11:50:58 AM				DATE -	SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____		FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT			

# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 4



**GENERAL NOTES**  
 THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable, Use if shown on applicable multilane Traffic Control and Protection Standard being used.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUMS OR BARRICADES WITH LIGHTS
- WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

FILE NAME =	USER NAME = dosddd	DESIGNED -	REVISED - 4-20-17	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN BY: [unclear]					<b>CONTRACT NO. 64M99</b>	VAR.	D2 BC 2019-5	VARIOUS	18	18
PLOT SCALE = 100.0000' / 1in.					CHECKED -	REVISED - 8-27-13	ILLINOIS FED. AID PROJECT			
PLOT DATE = Aug-06-2018 11:51:07 AM				DATE -	REVISED - 3-05-12	SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____				