03-08-2024 LETTING ITEM 028

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

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

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES

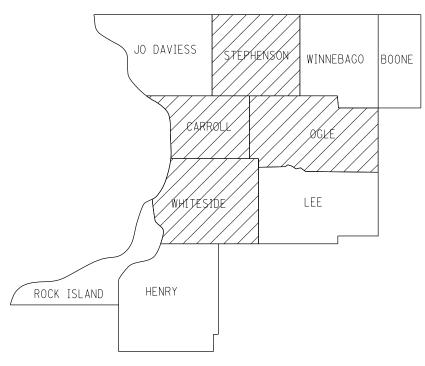
SECTION D2 BC 2024-02

PROJECT: STP -87QV(654)

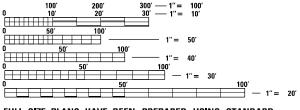
TYPE of IMPROVEMENT: BRIDGE WASHING

VARIOUS COUNTIES

C-92-089-23



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.

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. 64S34

 \bigcirc

 F.A. RTE.
 SECTION
 COUNTY
 TOTAL SHEETS
 SHEET NO.

 VAR.
 D2 BC 2024-02
 VARIOUS
 13
 1

 ILLINOIS
 CONTRACT NO. 64534

D-92-066-23





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 CARROLL COUNTY
LOCATION MAP OGLE COUNTY

LOCATION MAP STEPHENSON COUNTY LOCATION MAP WHITESIDE COUNTY

10-13 WORK ZONE SIGN DETAILS (DIST STD 34.1)

STATE STANDARDS

OFF-ROAD OPERATIONS, 2L, 2W, 15'(4.5m) TO 24" (600mm) FROM PAVEMENT EDGE OFF-ROAD OPERATIONS, MULTILANE, 15'(4.5m) TO 24"(600mm) FROM PAVEMENT EDGE LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS, ≥ 45 MPH LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY 701006-05 701101-05 701201-05 701421-08 701456-05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED TRAFFIC CONTROL DEVICES 701501-06 701901-09

USER NAME = David.Doss	DESIGNED	REVISED	
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STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

	INDEX	OF SHEE	TS &		F.A RTE.	SECT	ION		COUNTY	TOTAL SHEETS	SHEE NO.
	CTATE	STANDA	ARNS		VAR.	D2 BC 2	024-02		VARIOUS	13	2
	JIAIL	STANDA	11100						CONTRACT	NO. 6	4534
T	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. AI	D 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
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
59200113	BRIDGE WASHING NO. 13	EACH	1	1
59200114	BRIDGE WASHING NO. 14	EACH	1	1
59200115	BRIDGE WASHING NO. 15	EACH	1	1

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PLOT DATE = Dec-04-2023 06:37:12 AM	DATE	REVISED -

SUMMARY OF QUANTITIES						F.A RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SUMMARY OF QUANTITIES					VAR.	D2 BC 2024-02	VARIOUS	13	3	
							CONTRACT	NO. 64	4534	
SCALE:	SHEET	OF	SHEETS	STA	TO STA.	ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

PAYCODE	DESCRIPTION	UNITS	0047 STP 80% FEDERAL 20% STATE	TOTAL
59200116	BRIDGE WASHING NO. 16	EACH	1	1
59200117	BRIDGE WASHING NO. 17	EACH	1	1
67100100	MOBILIZATION	L SUM	1	1
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	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

USER NAME = David.Doss	DESIGNED	REVISED
	DRAWN	REVISED
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PLOT DATE = Dec-04-2023 06:37:27 AM	DATE -	REVISED -

					F.A RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SUMMARY OF QUANTITIES			VAR.	D2 BC 2024-02	VARIOUS	13	4		
					CONTRACT	NO. 64	1534		
HEET	OF	SHEETS	STA	TO STA.		ILLINOIS FED. A	ID PROJECT		

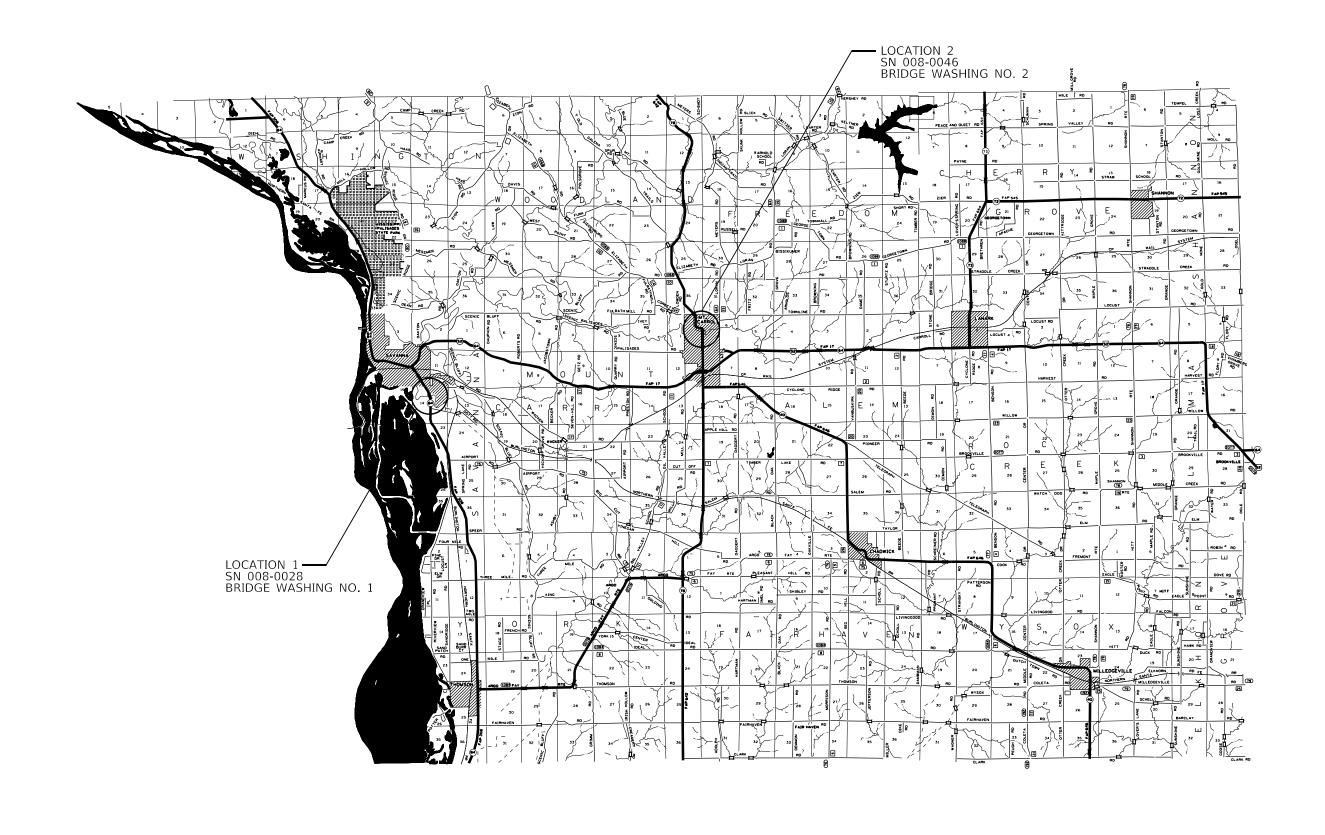
SCHEDULE OF QUANTITIES

PAY ITEM	PROJECT LOCATION	SN	FACILITY CARRIED	FEATURE CROSSED	BRIDGE LOCATION	TRAFFIC CONTROL
BRIDGE WASHING NO. 1	1	008-0028	ILL 84	PLUM RIVER	1.0 MI S JCT ILL 64	701201
BRIDGE WASHING NO. 2	2	008-0046	ILL 78	CARROLL CREEK	1.1 MI N JCT ILL 64	701501
BRIDGE WASHING NO. 3	3	071-0096	ILL 26/US 52	BN RAILROAD	1.0 MI S JCT US 52	701201
BRIDGE WASHING NO. 4	4	071-0097	IL 2	BN RAILROAD	S EDGE OREGON	701201
BRIDGE WASHING NO. 5	5	089-0045	US 20 FREPORT BYPS EB	PECATONICA RIVER	2.5 MI W OF IL 26	701421
BRIDGE WASHING NO. 6	. 5	089-0082	US ROUTE 20 WB	PECATONICA RIVER	2.5 MI W IL RTE 26	701421
BRIDGE WASHING NO. 7	6	089-0050	SPRINGFIELD RD	US 20 FREEPORT BYPASS	E OF FREEPORT	701201
BRIDGE WASHING NO. 8	7	089-0051	ILL 26 (FAP 316)	PECATONICA RIVER	0.4 MI N OF US 20BR	701421
BRIDGE WASHING NO. 9	8	089-0061	US 20B WEST BOUND LN	US 20 FREEPORT BYPASS .	3 MI E SPRINGFLD RD	701456
BRIDGE WASHING NO. 10	9	089-0071	IL 26	RICHLAND CREEK	.5MI. S.ORANGEVILLE	701201
BRIDGE WASHING NO. 11	10	089-0077	US 20	CN RAILROAD	2 MI. E. OF ELROY	701201 & 701456
BRIDGE WASHING NO. 12	11	098-0033	US RT 30	ELKHORN CREEK	.58 MI W OF COMO RD	701201
BRIDGE WASHING NO. 13	12	098-0051	AVE "G"	N BR ROCK RIVER	IN STERLING	701501
BRIDGE WASHING NO. 14	12	098-0052	AVE "G"	S BR ROCK RIVER	IN STERLING	701501
BRIDGE WASHING NO. 15	13	098-0093	US 30 SPUR NB	ELKHORN CREEK	.32MI S OF MOLINE RD	701421
BRIDGE WASHING NO. 16	1.0	098-0094	US 30 SPUR SB	ELKHORN CREEK	.32MI S OF MOLINE RD	701421
BRIDGE WASHING NO. 17	14	098-0106	US 30	SUNFISH SLOUGH	0.7 MI. W. OF IL 84	701201

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	F.A RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCHEDULE OF QUANTITIES	VAR. D2 BC 2024-02 VARIOUS		VARIOUS	13	5
			CONTRACT	NO. 64	IS34
SHEET OF SHEETS STA TO STA	ILLINOIS FED. A	ID PROJECT			

CARROLL COUNTY



USER NAME = David.Doss	DESIGNED	REVISED -
	DRAWN	REVISED
PLOT SCALE = 100.0000 / in.	CHECKED	REVISED
PLOT DATE = Mar-27-2023 11:52:53 AM	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

	CARRO	DLL COU	VTY		F.A RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	LOCA	TION M	ΛD		VAR.	D2 BC 2024-02	VARIOUS	13	6
	LUUA	TION IVI	AI				CONTRACT	NO. 64	1534
SHEET	OF	SHEETS	STA	TO STA.		ILLINOIS FED. A	D PROJECT		

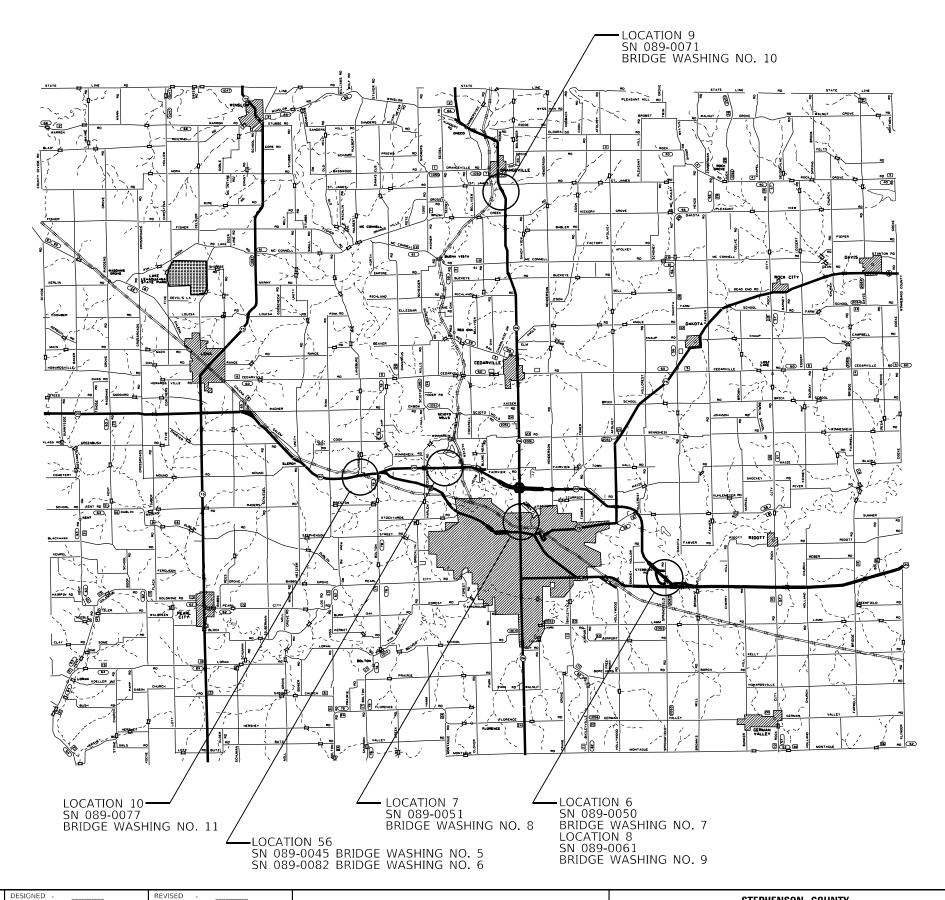
LOCATION 3 SN 071-0096 BRIDGE WASHING NO. 3 LOCATION 4 SN 071-0097 BRIDGE WASHING NO. 4

OGLE COUNTY

MODEL: Default

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

STEPHENSON COUNTY



MODEL: Default FILE NAME: ow://ildot-p/

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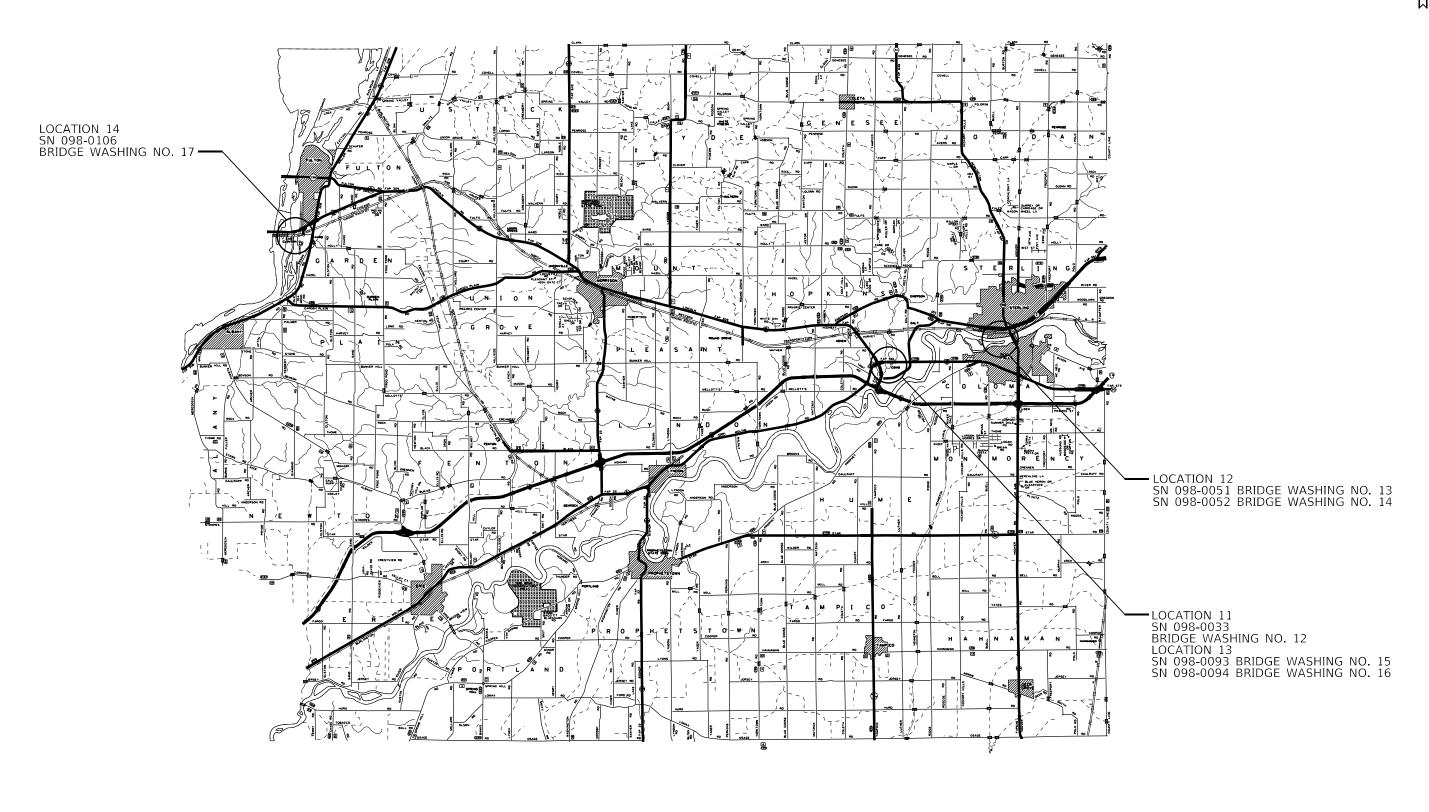
 CHECKED
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 DATE
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

WHITESIDE COUNTY



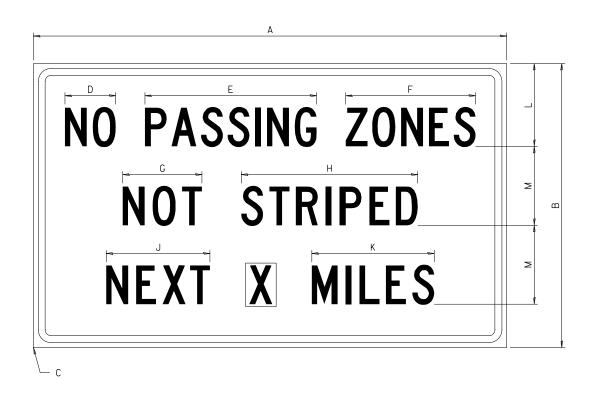
USER NAME = David.Doss	DESIGNED	REVISED
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PLOT SCALE = 100.0000 / in.	CHECKED	REVISED
PLOT DATE = Mar-27-2023 11:53:19 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

		WHITES	IDE CO	UNTY		F.A RTE	SEC ⁻	ΓΙΟΝ		COUNTY	TOTAL SHEETS	SHEET NO.
		LOCA	TION M	IAP		VAR.	D2 BC	2024-02		VARIOUS	13	9
		LUUA	I I O I V	IAI						CONTRACT	NO. 64	1534
SCALE:	LE: SHEET OF SHEETS STA TO STA							ILLINOIS	FED. AI	ID PROJECT		

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20–I100



LEGEND AND BORDER BACKGROUND

BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SION 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	BUDUED	
SIGN SIZE	1	2	3	MARGIN	BORDER	
60 × 36	5C	5C	5C	0.625	0.875	

Sign not to scale

GENERAL NOTES

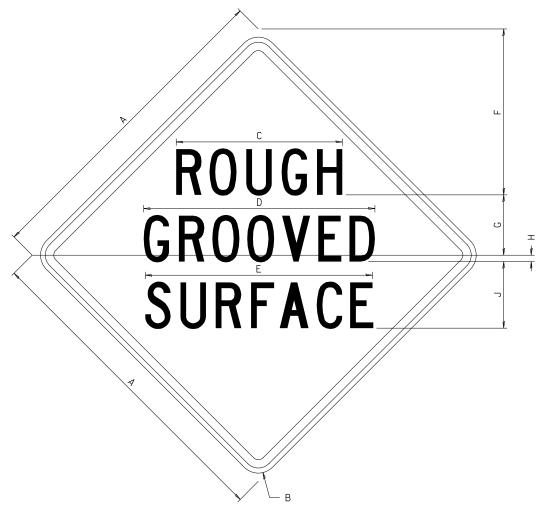
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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

SIGN SIZE				DIM	IENSI(ONS			
31GN 31ZE	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

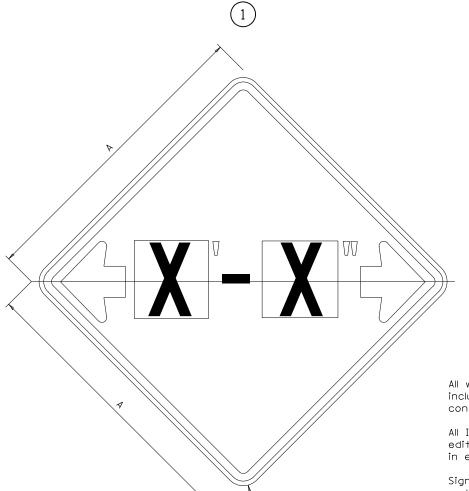
SIGN SIZE	SERI	ES BY	LINE	MARGIN	BORDER
31GN 31ZE	1	2	3	WARGIN	BURDER
48 × 48	7C	7C	7C	1.250	0.750

Sign not to scale

FILE NAME =	USER NAME = David.Doss	DESIGNED	REVISED - <u>3-02</u> -16			F.A RTE.	SECTION	COUNTY TOTAL SHEET NO.
pw:\\ildot-pw.bentley.com:PWIDOT\Documen	s\IDOT Offices\District 2\Projects\Operation	BRAWN Section\Br <u>idge</u> Washing Contracts	202¥16£934 Bridge <u>Was</u> hing at various loc	etions (17)\CADD\64S34-sht-cov&TgATE OF ILLINOIS	REGION 2 / DISTRICT 2 STANDARD	VAR.	D2 BC 2024-02	VARIOUS 13 10
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	PLOT DATE = Mar-27-2023 11:53:26 AM	DATE	REVISED		SCALE: SHEET NO OF SHEETS STA TO STA	FED. ROAD DI	IST. 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 COLOR BACKGROUND

FL ORANGE

NON-REFLECTORIZED REFLECTORIZED

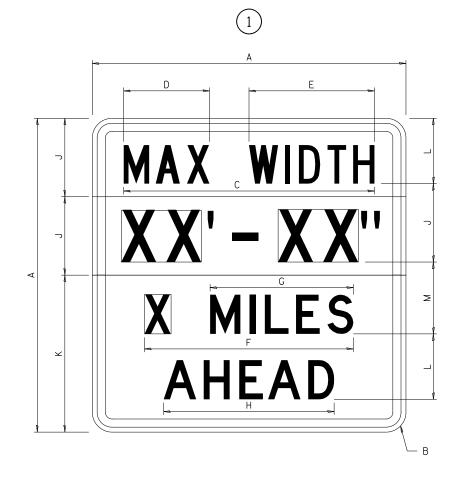
SIGN SIZE -	DIMEN	SIONS
SIGN SIZE	Ā	В
48 × 48	48.00	3.00

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

SIGN SIZE	SERIES BY LINE	MARGIN	BORDER
210N 21ZE	1	MARGIN	DONDER
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					[DIMEN	SIONS	5				
SIGN SIZE	А	В	С	D	Е	F	G	Ι	J	К	L	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	MARGIN	BORDER	
31GN 31ZE	1	2	3	4	MARGIN	DORDER	
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 NHME - Devio.Doss	DESTONED	REVISED - <u>3-0</u> 2-16			RTE.	SECTION	COUNTY	SHEETS	NO.
pw:\\ildot-pw.bentley.com:PWIDOT\Document	s\IDOT Offices\District 2\Projects\Operations	BRAWN Section\Br <u>idge</u> Washing Contracts	2RPW16€984 Bridge <u>Was</u> hing at various loc	etions (17)\CADD\64S34-sht-cov&TaATE OF ILLINOIS	REGION 2 / DISTRICT 2 STANDARD	VAR.	D2 BC 2024-02	VARIOUS	13	11
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	PLOT DATE = Mar-27-2023 11:53:34 AM	DATE	REVISED		SCALE: SHEET NO OF SHEETS STA TO STA	FED. F	ROAD DIST. NO ILLINOIS FED. A	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 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 2.6	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	O 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 SIZE	SERI	SERIES BY LINE					
SIGN SIZE	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.

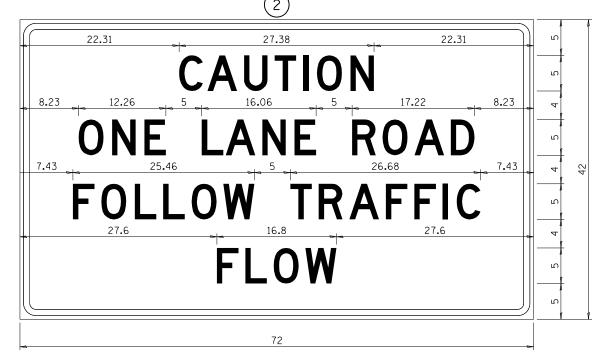
Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

FILE NAME =	USER NAME = Devid.Doss	DESIGNED	REVISED - <u>3-02</u> -16			F.A RTE.	SECTION	COUNTY TOTAL SHEET SHEET NO.
pw:\\ildot-pw.bentley.com:PWIDOT\Document	S\IDOT Offices\District 2\Projects\Operation	S Dridge Section Stridge Washing Contracts	s 2024/16ED84 Bridge <u>Was</u> hing at various loc	etions (17)\CADD\64S34-sht-cov&TgATE OF ILLINOIS	REGION 2 / DISTRICT 2 STANDARD	VAR.	D2 BC 2024-02	VARIOUS 13 12
	PLOT SCALE = 100.0000 '/ in.	CHECKED	REVISED	DEPARTMENT OF TRANSPORTATION				CONTRACT NO. 64S34
	PLOT DATE = Mar-27-2023 11:53:42 AM	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



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

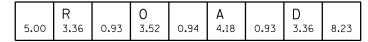
This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

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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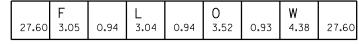
	0		Ν		Ε
8.23	3 . 51	1.17	3 . 36	1.18	3 . 04

5.00 3.05 0.31 4	\ 1.18 0.94	N 3.36	1.17	E 3.05
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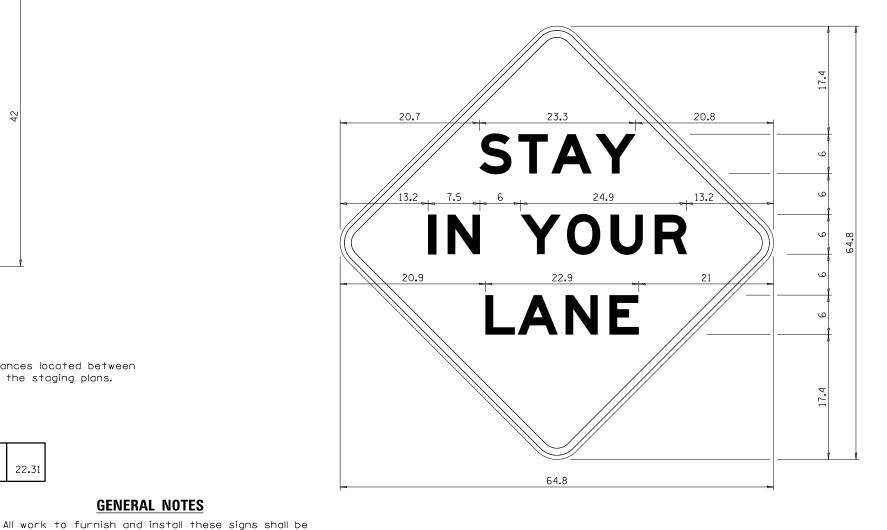






Sign not to scale

STAY IN YOUR LANE



LEGEND AND BORDER BACKGROUND

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	Т	Α	Υ
20.7	26.8	31.6	38.0

I	N	Υ	0	U	R	l
13.2	15.9	26.7	33.9	40.5	46.8	

L	Α	N	Е
20.9	25.8	33.1	39.4

Sign not to scale

Г	FILE NAME =	USER NAME = David.Doss	DESIGNED	REVISED - <u>3-0</u> 2-16			F.A. RTF	SECTION	COUNTY TOTA	AL SHEET
- [pw:\\ildot-pw.bentley.com:PWIDOT\Document	s\IDOT Offices\District 2\Projects\Operation	NBRAWN Section\Br <u>idge</u> Washing Contracts	2024/164984 Bridge Washing at various loc	etions (17)\CADD\64S34-sht-cov&ToATE OF ILLINOIS	REGION 2 / DISTRICT 2 STANDARD	VAR.	D2 BC 2024-02	VARIOUS 13	13
		PLOT SCALE = 100.0000 ' / in.	CHECKED	REVISED	DEPARTMENT OF TRANSPORTATION				CONTRACT NO.	64534
		PLOT DATE = Mar-27-2023 11:53:49 AM	DATE	REVISED		SCALE: SHEET NO OF SHEETS STA TO STA	FED. ROAD	DIST. NO ILLINOIS FED. AI	D 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.