11-18-2022 LETTING ITEM 020

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

D-92-018-23

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

PROPOSED HIGHWAY PLANS

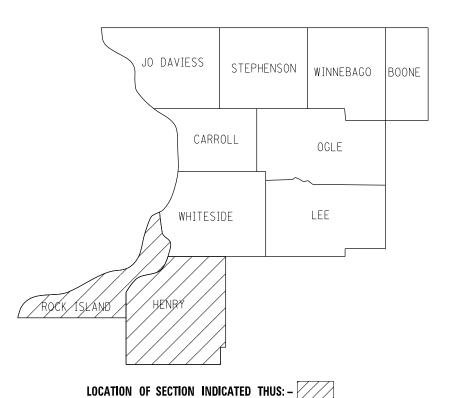
VARIOUS ROUTES

SECTION: D2 BC 2023-04 **PROJECT: STP-G2GQ(128)**

TYPE of IMPROVEMENT: BRIDGE WASHING

HENRY & ROCK ISLAND COUNTIES

C-92-107-22



0 100' 200' 300' 1"= 100'
0 10' 20' 30' - 1"= 10'
0 50' 100'
0 50' 100' 1"= 50'
0 50' 100' - 1"= 30'
0 50' 100' - 1"= 30'
0 50' 100' - 1"= 20'

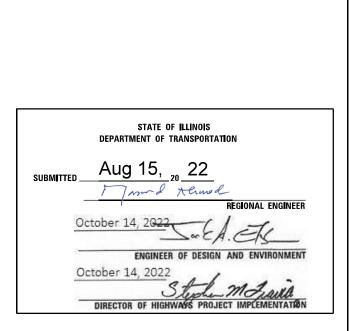
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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. 64R83

 \bigcirc



LOCATION OF SECTION INDICATED THUS: -

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- COVER SHEET
- INDEX OF SHEETS & STATE STANDARDS
- SUMMARY OF QUANTITIES
- 4 SCHEDULE OF QUNATITIES 5 LOCATION MAP ROCK ISLAND COUNTY
- 6 LOCATION MAP HENRY 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) 12-15 TRAFFIC CONTROL FOR TRANSITION AREAS (DIST STD 38.1)

SCALE:

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 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701400-11 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-13 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH 701421-08 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 TO 55 MPH 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE 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 = David.Doss | DESIGNED | REVISED | |
|-------------------------------------|----------|---------|--|
| | DRAWN | REVISED | |
| PLOT SCALE = 100.0000 / in. | CHECKED | REVISED | |
| PLOT DATE = Jun-07-2022 11:09:02 AM | DATE | REVISED | |

| | INDEX 0 | F SHEE | TS & | | F.A RTE | SECT | ION | | COUNTY | TOTAL SHEETS | SHEET NO. |
|----|-----------------|--------|------|---------|------------|-------|----------|---------|-----------|-----------------|--------------|
| | STATE STANDARDS | | | | | D2 BC | 2023-4 | | VARIOUS | 15 | 2 |
| | STATE STANDARDS | | | | | | | | CONTRACT | NO. 64 | 1R83 |
| ET | OF | SHEETS | STA | TO STA. | | | ILLINOIS | FED. AI | D PROJECT | | |

SUMMARY OF QUANTITIES

| Paycode | Description | Units | ROCK ISLAND COUNTY 0047 STP > 200k 80% FEDERAL 20% STATE | COUNTY 0047 | Total URBAN |
|----------|---|-------|---|----------------|----------------|
| 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 |
| 67100100 | MOBILIZATION | L SUM | 0.80 | 0.20 | 1 |
| 70100310 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701421 | L SUM | 0.80 | 0.20 | 1 |
| 70100420 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701411 | EACH | 3 | | 3 |
| 70100700 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701406 | L SUM | 1 | | 1 |
| 70102625 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701606 | L SUM | 1 | | 1 |
| 70102640 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 | L SUM | 1 | | 1 |
| | | | | | |
| | | | | | |

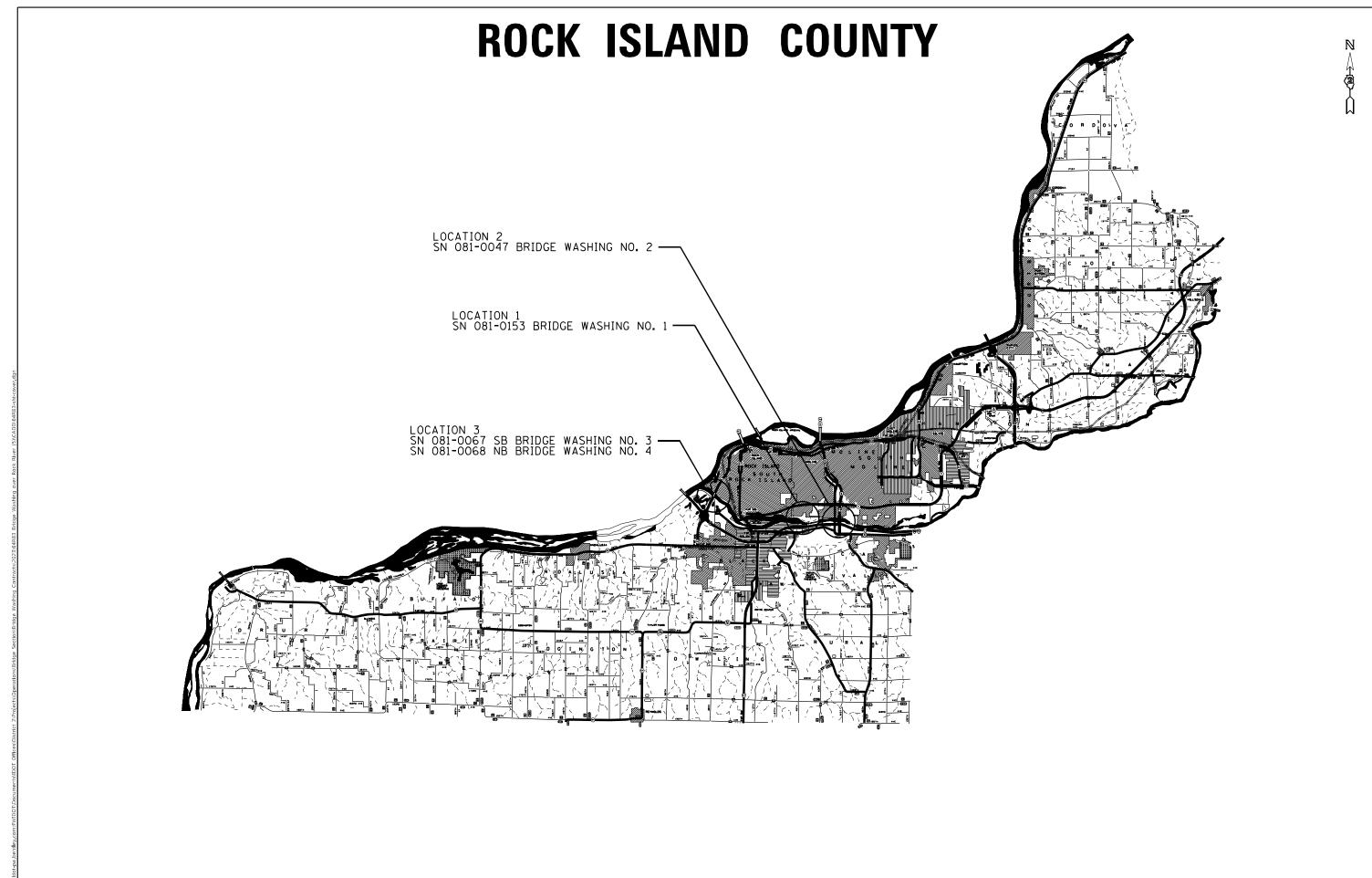
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

| Pay Item | Project Location | | Facility Carried | Feature Crossed | Bridge Location | Traffic Control |
|----------------------|---------------------|----------|----------------------|---------------------------------|--------------------------|-----------------------------------|
| BRIDGE WASHING NO. 1 | 1 | 081-0153 | Milan Beltway | Rock River | South of Rock Island | 701421 701411 |
| BRIDGE WASHING NO. 2 | 2 | 081-0047 | 27TH ST-Moline | Rock River | South Edge of Moline | 701606 DIST STD 35.1 701801 |
| BRIDGE WASHING NO. 3 | | 081-0067 | IL 92 SB (CENT FRWY) | Rock River Hennepin Canal | 0.5 MI S 31ST ST R.I. | 701400 701406 701411 |
| BRIDGE WASHING NO. 4 | 3 | 081-0068 | IL 92 NB (CENT FRWY) | Rock River Hennepin Canal | 0.5 MI S 31ST ST R.I. | 701400 701406 701411 |
| BRIDGE WASHING NO. 5 | 4 | 037-0128 | IL 84 | Rock River | At Rock Island Co. Line | 701421 DIST STD 38.1 |

| USER NAME = David.Doss | DESIGNED | REVISED - |
|-------------------------------------|----------|-----------|
| | DRAWN | REVISED |
| PLOT SCALE = 100.0000 / in. | CHECKED | REVISED |
| PLOT DATE = Jun-07-2022 11:09:15 AM | DATE | REVISED |

| | F.A RTE. | - SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------|-------------|--------------|------------------|-----------------|--------------|
| SCHEDULE OF QUANTITIES | VAR. | D2 BC 2023-4 | VARIOUS | 15 | 4 |
| | | | CONTRAC | T NO. 64 | 1R83 |
| OF SHEETS STA TO S | A | ILLINOIS | FED. AID PROJECT | | |



MODEL: Default

DRAWN

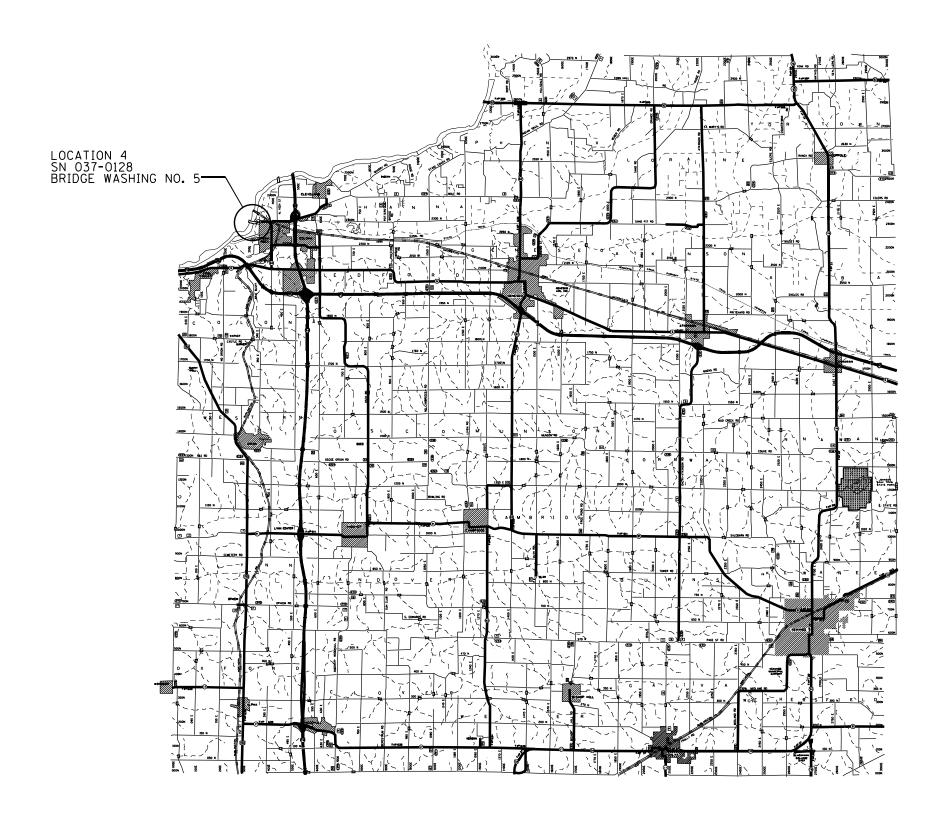
PLOT DATE = Jun-07-2022 11:09:23 AM

REVISED

REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

HENRY COUNTY

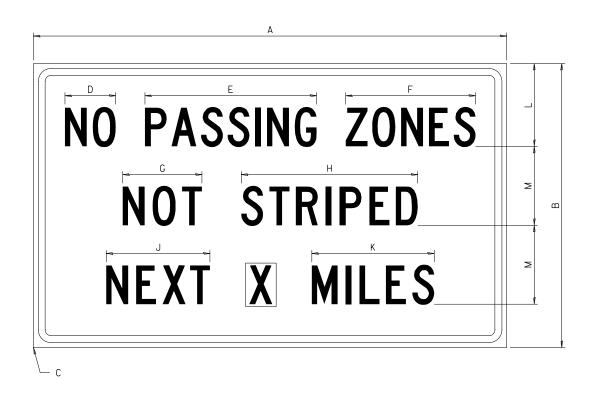


| USER NAME = David.Doss | DESIGNED | REVISED | | | | HENRY COUNTY | | F.A BTF | SECTION | COUNTY | TOTAL S | HEET |
|-------------------------------------|----------|---------|------------------------------|--------|-------|---------------|---------|------------|---------------|-------------|---------|------|
| | DRAWN | REVISED | STATE OF ILLINOIS | | | | | VAR. | D2 BC 2023-4 | VARIOUS | 15 | 6 |
| PLOT SCALE = 100.0000 / in. | CHECKED | REVISED | DEPARTMENT OF TRANSPORTATION | | | LOCATION MAP | | | | CONTRACT | NO. 64F | |
| PLOT DATE = Jun-07-2022 11:09:31 AM | DATE | REVISED | | SCALE: | SHEET | OF SHEETS STA | TO STA. | | ILLINOIS FED. | AID PROJECT | | |

MODEL: Default

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20–I100



LEGEND AND BORDER BACKGROUND

BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

| DIMENSIONS DIMENSIONS | | | | | | | | | | | | |
|-----------------------|-------|-------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 | BODDED |
|-----------|------|-------|------|--------|--------|
| | 1 | 2 | 3 | MARGIN | BORDER |
| 60 × 36 | 5C | 5C | 5C | 0.625 | 0.875 |

Sign not to scale

GENERAL NOTES

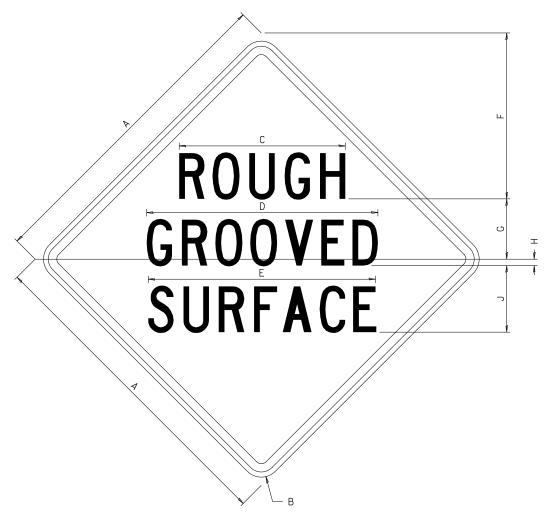
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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 DIMENSIONS | | | | | | | | | |
|----------------------|-------|------|-------|-------|-------|-------|------|------|-------|
| 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 |

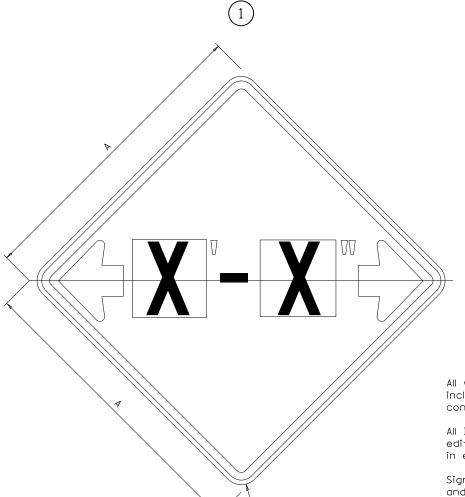
| SION SIZE | SERI | ES BY | LINE | MARGIN | BORDER | |
|-----------|------|-------|------|--------|--------|--|
| SIGN SIZE | 1 | 2 | 3 | WANGIN | BURDER | |
| 48 × 48 | 7C | 7C | 7C | 1.250 | 0.750 | |

Sign not to scale

| FILE NAME = | USER NAME = David.Doss | DESIGNED | REVISED - <u>3-0</u> 2-16 | | | F.A. SECTION | COUNTY TOTAL SHEET SHEETS NO. |
|---|--|---|--|---|--|------------------------------------|-------------------------------|
| pw:\\:ldot-pw.bentley.com:PWIDOT\Docume | nts\IDOT Offices\District 2\Projects\Operation | ns \ BRAWN Section\Br <u>idge</u> Washing Contract | s 2021/1641383 Bridge Washing over Rock Rive | r (5)\CADD\64R83-sht-cover.dg \$TATE OF ILLINOIS | REGION 2 / DISTRICT 2 STANDARD | VAR. D2 BC 2023-4 | VARIOUS 15 7 |
| | PLOT SCALE = 100.0000 '/ 10. | CHECKED | REVISED | DEPARTMENT OF TRANSPORTATION | | ' | CONTRACT NO. 64R83 |
| | PLOT DATE = Jun-07-2022 11:09:38 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 COLOR BACKGROUND

FL ORANGE

NON-REFLECTORIZED REFLECTORIZED

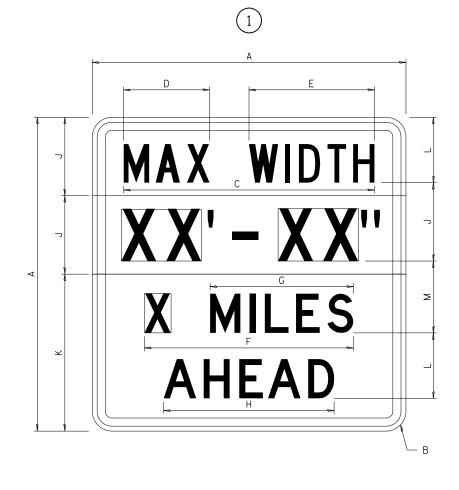
| SIGN SIZE | DIMEN | SIONS |
|-----------|-------|-------|
| SIGN SIZE | Α | В |
| 48 × 48 | 48.00 | 3.00 |

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 | BADDED | |
|-----------|----------------|--------|--------|--|
| SIGN SIZE | 1 | MARGIN | DURDER | |
| 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

| SION SIZE | | | | | | IMEN | SIONS | 5 | | | | |
|-------------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| SIGN SIZE A B C D | | | | | Е | F | G | Ι | J | K | 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 | SERIES BY LINE MARGIN | | DODDED | | |
|-----------|----|-----------------------|----|--------|--------|--------|
| 31GN 31ZE | 1 | 2 | 3 | 4 | MARGIN | BORDER |
| 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

| Γ | FILE NAME = | USER NAME = David.Doss | DESIGNED | REVISED - <u>3-0</u> 2-16 | | | F.A RTF | SECTION | COUNTY | TOTAL SHEE | ┑ |
|---|---|---|---|---|---|--|-------------------|----------------------|------------|------------|-----------|
| | pw:\\ildot-pw.bentley.com:PWIDOT\Document | s\IDOT Offices\District 2\Projects\Operations | \BRAWN Section\Br <u>idge</u> Washing Contracts | 경配列SFIB3 Bridge <u>Was</u> hing over Rock Riv | r (5)\CADD\64R83-sht-cover.dg\$TATE OF ILLINOIS | REGION 2 / DISTRICT 2 STANDARD | VAR. D2 | 2 BC 2023-4 | VARIOUS | 15 8 | \exists |
| | | PLOT SCALE = 100.0000 ' / in. | CHECKED | REVISED | DEPARTMENT OF TRANSPORTATION | | ' | | CONTRACT N | NO. 64R8 | 3 T |
| | | PLOT DATE = Jun-07-2022 11:09:44 AM | DATE | REVISED | | SCALE: SHEET NO OF SHEETS STA TO STA | FED. ROAD DIST. N | NO. ILLINOIS FED. AI | PROJECT | | \neg |

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS



COLOR

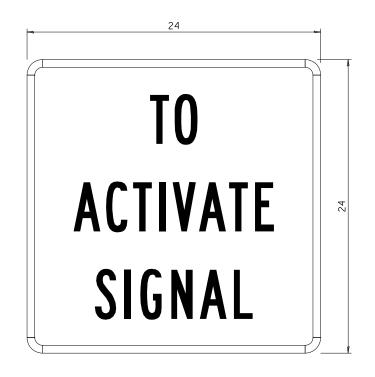
LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

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 | ES BY | LINE |
|-----------|------|-------|------|
| 310N 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.

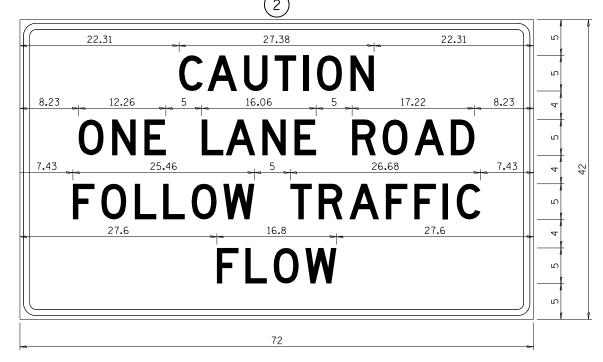
Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

| FILE NAME = | USER NAME = David.Doss | DESIGNED | REVISED - <u>3-0</u> 2-16 | | | F.A RTF | SECTION | COUNTY TOTAL SHEET |
|---|--|--|--|------------------------------|--|------------|------------------------|--------------------|
| pw:\\ildot-pw.bentley.com:PWIDOT\Document | s\IDOT Offices\District 2\Projects\Operation | s\ BRA₩N Section\Br <u>idge</u> Washing Contracts | 282116433 Bridge <u>Was</u> hing over Rock Riv | | REGION 2 / DISTRICT 2 STANDARD | VAR. | D2 BC 2023-4 | VARIOUS 15 9 |
| | PLOT SCALE = 100.0000 '/ in. | CHECKED | REVISED | DEPARTMENT OF TRANSPORTATION | | | | CONTRACT NO. 64R83 |
| | PLOT DATE = Jun-07-2022 11:09:51 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

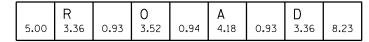
This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

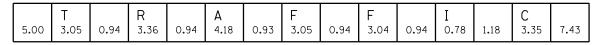
| 22.31 | C 3.36 | 0.62 | A 4.18 | 0.94 | U 3.36 | 0.94 | T 3.04 | 0.94 | I 0.78 | 1.17 | 0 3.52 | 1.17 | N 3.36 | 22.31 | |
|-------|-----------|------|------------------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|-------|--|
|-------|-----------|------|------------------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|-------|--|

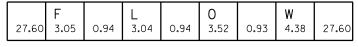
| | 0 | | Ν | | Ε |
|------|---------------|------|---------------|------|---------------|
| 8.23 | 3 . 51 | 1.17 | 3 . 36 | 1.18 | 3 . 04 |

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



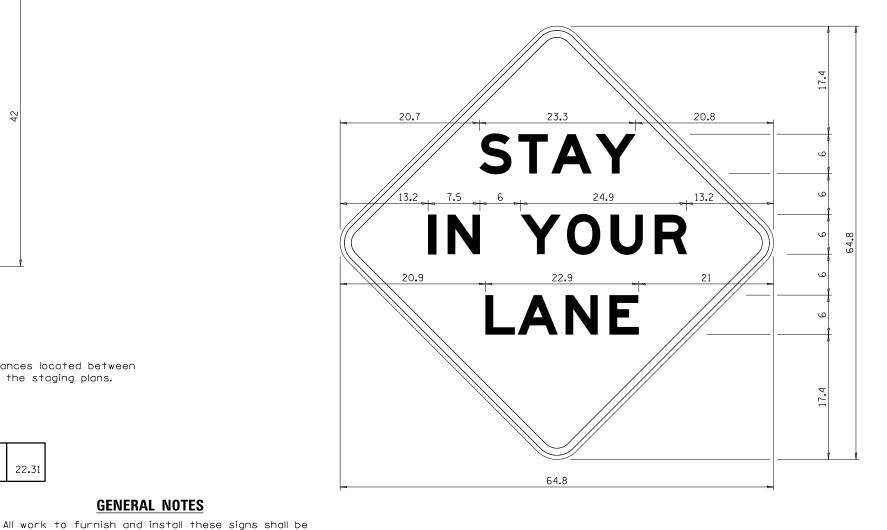






Sign not to scale

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 | Z | Υ | 0 | U | R |
|------|------|------|------|------|------|
| 13.2 | 15.9 | 26.7 | 33.9 | 40.5 | 46.8 |

Ε Ν Α 25.8 33.1 39.4 20.9

Sign not to scale

| FILE NAME = | USER NAME = David.Doss | DESIGNED | REVISED - <u>3-0</u> 2-16 | | | F.A. SECTION | COUNTY TOTAL SHEET |
|--|-------------------------------------|----------|--|--|----------------------------------|---------------|--------------------|
| The property of the property o | | | or (5)\CADD\64R83-sht-cover.dg \$TATE OF ILLINOIS | REGION 2 / DISTRICT 2 STANDARD | VAR. D2 BC 2023-4 | VARIOUS 15 10 | |
| | PLOT SCALE = 100.0000 '/ in. | CHECKED | REVISED | DEPARTMENT OF TRANSPORTATION | | · | CONTRACT NO. 64R83 |
| | PLOT DATE = Jun-07-2022 11:09:58 AM | | | SCALE: SHEET NO OF SHEETS STA TO STA | FED. ROAD DIST. NO ILLINOIS FED. | 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.

