

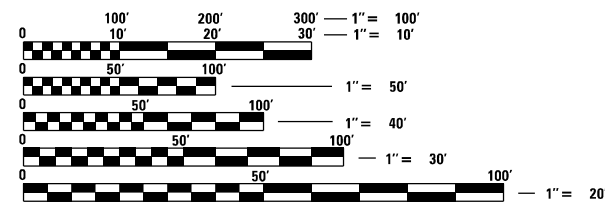
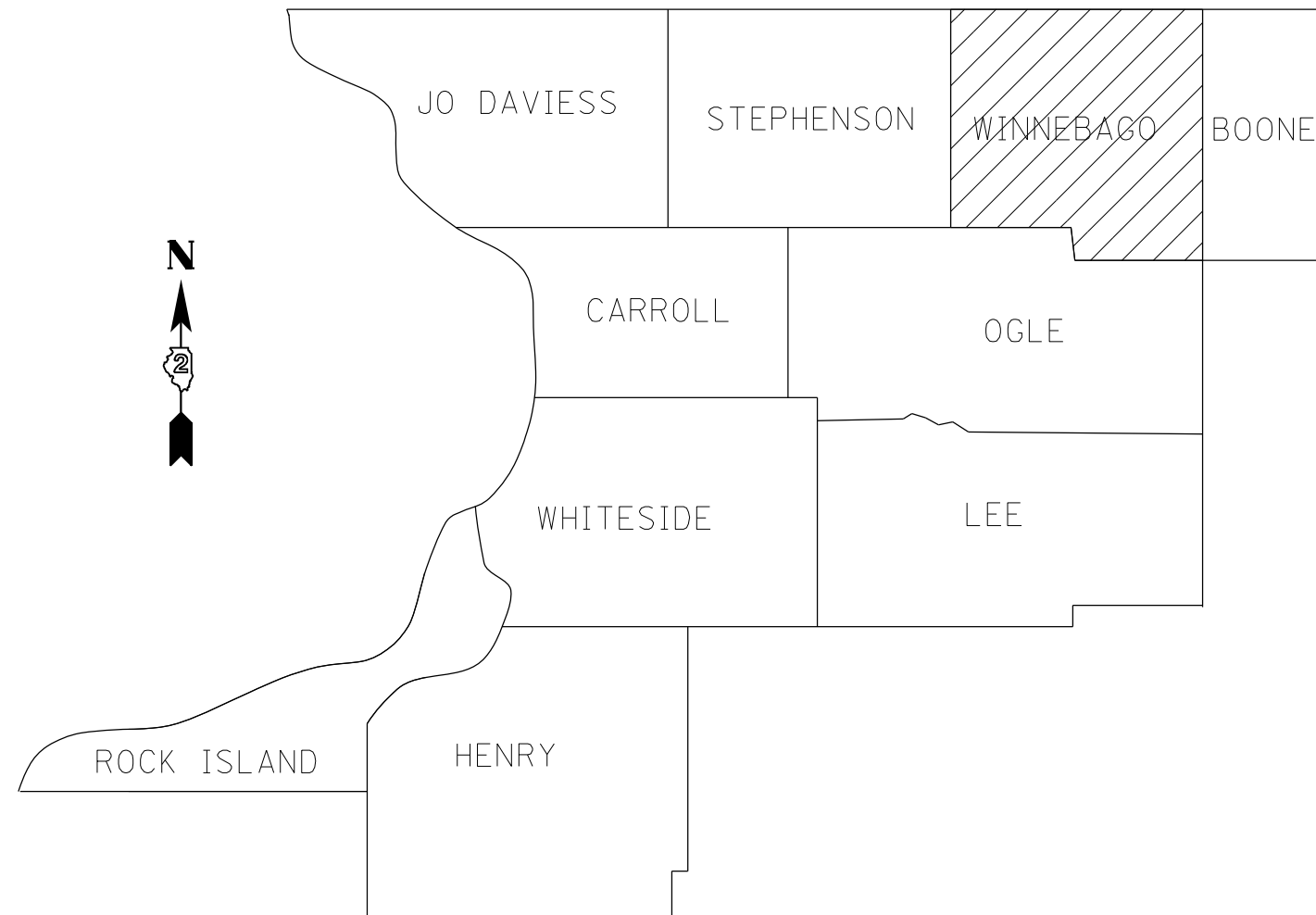
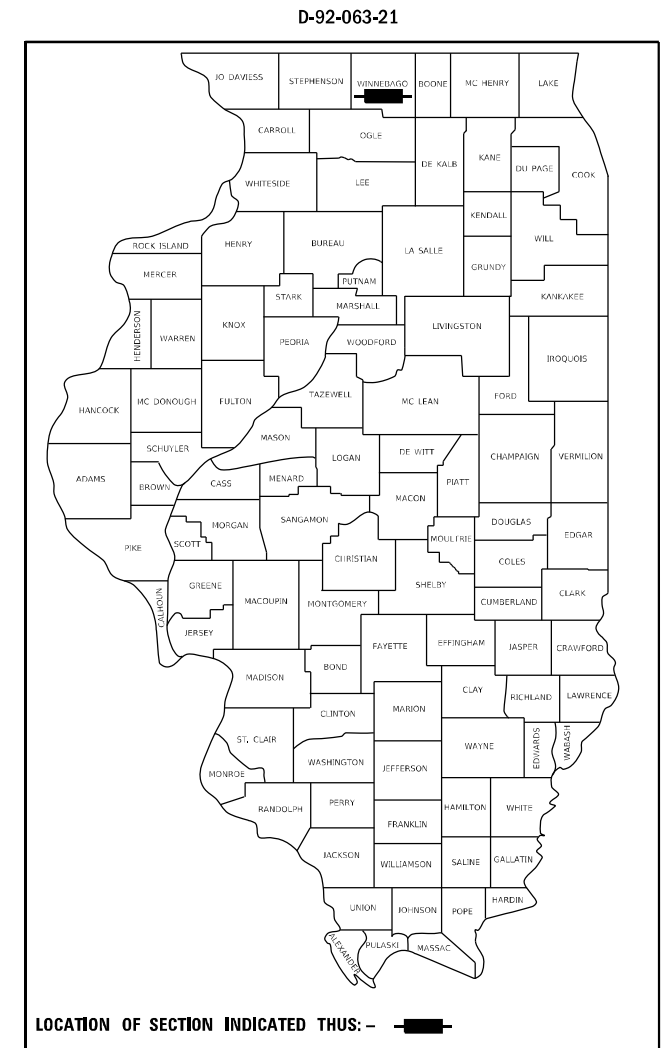
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|           |               |          |                    |           |
|-----------|---------------|----------|--------------------|-----------|
| F.A. RTE. | SECTION       | COUNTY   | TOTAL SHEETS       | SHEET NO. |
| VAR       | D2 BDS 2022-2 | VARIOUS  | 16                 | 1         |
|           |               | ILLINOIS | CONTRACT NO. 64R19 |           |

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

**PROPOSED  
HIGHWAY PLANS**

VARIOUS ROUTES  
SECTION D2 BDS 2022-2  
TYPE OF IMPROVEMENT: BRIDGE DECK SEALING  
PROJECT STP-KUL6(850)  
WINNEBAGO COUNTY  
C-92-086-21



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 EXCAVATORS  
1-800-892-0123  
OR 811

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

**DISTRICT 2**

CONTRACT NO. 64R19

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 17, 20 21  
*Muhammad Ahmad*  
REGIONAL ENGINEER

December 10 20 21  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

December 10 20 21  
*Stephen M. Lewis*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 2

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

# INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS & HIGHWAY STANDARDS
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4-5 SCHEDULE OF QUANTITIES
- 6 LOCATION MAP WINNEBAGO COUNTY
- 7 SEALING DETAIL
- 8-11 WORK ZONE SIGN DETAILS (DIST STD 34.1)
- 12-15 TRAFFIC CONTROL FOR TRANSITION AREAS (DIST STD 38.1)
- 16 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (DIST STD 94.2)

# HIGHWAY STANDARDS

- 701006-05 OFF ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701101-05 OFF ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ TO 45 MPH
- 701400-11 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-13 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 MPH TO 55 MPH
- 701422-10 LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
- 701446-11 TWO LANE CLOSURE FREEWAY/EXPRESSWAY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES

# GENERAL NOTES

THE CONCRETE SEALER SHALL BE APPLIED TO THE ENTIRE TOP SURFACE OF THE DECK, INCLUDING THE INSIDE FACES AND TOPS OF PARAPETS.

WATER BASED CONCRETE SEALERS WILL NOT BE ALLOWED.

WORK ON THIS PROJECT MAY POTENTIALLY CONFLICT WITH WORK ON OTHER CONTRACTS IN THE AREA. THE CONTRACTOR SHOULD BE PREPARED TO PLAN FOR POTENTIAL DELAYS AND COOPERATE WITH CONTRACTORS ON THE OTHER PROJECTS.

NO STREAM PERMITS HAVE BEEN PROCURED FOR THIS PROJECT. NONE ARE REQUIRED FROM THE REGULATORY AGENCIES AS LONG AS THERE IS NO DEBRIS FALLING OR BEING PLACED INTO THE STREAM. ANY TEMPORARY FILL IN THE STREAM OR THE COMPROMISING DIKE (IF APPLICABLE) WILL NOT BE ALLOWED. IF THE CONTRACTOR CHOOSES TO USE ALTERNATE/MODIFIED CONSTRUCTION METHOD(S) FROM THE AFOREMENTIONED, THEY WILL BE RESPONSIBLE FOR OBTAINING THE PROPER PERMITS. NO RELIEF OR COMPENSATION WILL BE GIVEN FOR ANY DELAYS, WORKING DAYS CHARGED, OR CALENDAR DAYS EXPIRED AS A RESULT OF THE LOSS OF TIME OR DELAY DURING THE RE-SUBMITTAL PROCESS TO PROCURE THE NECESSARY PERMIT(S) DUE TO THE CONTRACTOR CHOOSING ALTERNATE/MODIFIED CONSTRUCTION METHOD(S). ABSOLUTELY NO CONSTRUCTION ACTIVITIES WILL TAKE PLACE WITHOUT THE PROPER PERMITS BEING SECURED.

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 PROJECT: OperationsBridge - SectionBridge Deck Sealing - Contract202264819 - January 2022 - LettingCADD64819-plt-cover.dgn

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, HIGHWAY STANDARDS & GENERAL NOTES**

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

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| VAR                       | D2 BDS 2022-2 | VARIOUS | 16                 | 2         |
|                           |               |         | CONTRACT NO. 64R19 |           |
| ILLINOIS FED. AID PROJECT |               |         |                    |           |

# SUMMARY OF QUANTITIES

| CODE NUMBER | ITEM  | UNIT  | TOTAL QUANTITY | 0047       | 0047                                    |
|-------------|---|-------|----------------|------------|---|
|             |   |       |                | URBAN      | WINNEBAGO COUNTY<br>90% /10% INTERSTATE |
| X5870015    | BRIDGE DECK CONCRETE SEALER                     | SQ FT | 485,629.40     | 119,805.74 | 365,823.66                              |
| 67100100    | MOBILIZATION                                    | L SUM | 1              | 0.20       | 0.80                                    |
| 70100310    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701421 | L SUM | 1              | -          | 1                                       |
| 70100320    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701422 | L SUM | 1              | -          | 1                                       |
| 70100420    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701411 | EACH  | 1              | -          | 1                                       |
| 70100430    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701446 | EACH  | 1              | -          | 1                                       |
| 70100450    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 | L SUM | 1              | 0.10       | 0.90                                    |
| 70100700    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701406 | L SUM | 1              | 0.15       | 0.85                                    |
| 70100800    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 | L SUM | 1              | 0.50       | 0.50                                    |
| 70102620    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 | L SUM | 1              | -          | 1                                       |
| 70102625    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701606 | L SUM | 1              | 0.33       | 0.67                                    |
| 70102630    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701601 | L SUM | 1              | -          | 1                                       |
| 70102640    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 | L SUM | 1              | -          | 1                                       |

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| DATE - _____     | REVISED - _____ |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|                              |  |
|------------------------------|--|
| <b>SUMMARY OF QUANTITIES</b> |  |
| SCALE: _____                 | SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____ |

|                           |               |         |              |           |
|---------------------------|---------------|---------|--------------|-----------|
| F.A. RTE.                 | SECTION       | COUNTY  | TOTAL SHEETS | SHEET NO. |
| VAR                       | D2 BDS 2022-2 | VARIOUS | 16           | 3         |
| CONTRACT NO. 64R19        |               |         |              |           |
| ILLINOIS FED. AID PROJECT |               |         |              |           |

# SCHEDULE OF QUANTITIES

| SN      | Facility Carried     | Feature Crossed       | Location               | Total Length (Ft.) | Bridge Rdwy Width (Ft.) | Parapet (Ft.) | Area to be sealed (Sq. Ft.) | TRAFFIC CONTROL           |   |
|---------|----------------------|-----------------------|------------------------|--------------------|-------------------------|---------------|-----------------------------|---------------------------|---|
| 1010046 | US RT 20 WB          | US 20 BR EB           | 3 MI W OR ROCKFORD     | 262.8              | 34                      | 7.5           | 10,906.20                   | 701400 & 701406 or 701426 |   |
| 1010047 | US 20 WB             | CUNNINGHAM RD         | 1 MI E MERIDIAN RD     | 240.6              | 32.4                    | 7.5           | 9,599.94                    | 701400 & 701406 or 701426 |   |
| 1010048 | US 20 EB             | CUNNINGHAM RD         | 1 MI E MERIDIAN RD     | 241.1              | 32.4                    | 7.5           | 9,619.89                    | 701400 & 701406 or 701426 |   |
| 1010049 | US 20 EB             | CC&P RR               | 1.2 MI E MERIDIAN RD   | 80                 | 41.1                    | 7.5           | 3,888.00                    | 701400 & 701406 or 701426 |   |
| 1010050 | US 20 WB             | CC&P RR               | 1.2 MI E MERIDIAN RD   | 80                 | 41.1                    | 7.5           | 3,888.00                    | 701400 & 701406 or 701426 |   |
| 1010051 | US 20 WB             | PRAIRIE RD            | 1 MI W OF IL 2         | 150                | 39                      | 7.5           | 6,975.00                    | 701400 & 701406 or 701426 |   |
| 1010052 | US 20 EB             | PRAIRIE RD            | 1 MI W OF IL 2         | 150                | 39                      | 7.5           | 6,975.00                    | 701400 & 701406 or 701426 |   |
| 1010053 | US 20 EB             | SIMPSON RD            | 0.8 MI W IL 2          | 173.7              | 34                      | 7.5           | 7,208.55                    | 701400 & 701406 or 701426 |   |
| 1010054 | US 20 WB             | SIMPSON RD            | 0.8 MI W IL 2          | 173.7              | 34                      | 7.5           | 7,208.55                    | 701400 & 701406 or 701426 |   |
| 1010061 | US 20 EB             | KISHWAUKEE ST         | 0.8 MI W IL 251        | 155                | 33                      | 7.5           | 6,277.50                    | 701400 & 701401           | * |
| 1010062 | US 20 WB             | KISHWAUKEE ST         | 0.8 MI W IL 251        | 155                | 33                      | 7.5           | 6,277.50                    | 701400 & 701401           | * |
| 1010063 | US 20 EB             | BN RR                 | 0.5 MI W IL 251        | 159                | 33                      | 7.5           | 6,439.50                    | 701400 & 701401           | * |
| 1010064 | US 20 WB             | BN RR                 | 0.5 MI W IL 251        | 159                | 33                      | 7.5           | 6,439.50                    | 701400 & 701401           | * |
| 1010065 | US 20 E B            | ILL 251 (11TH ST)     | S EDGE ROCKFORD        | 234.2              | 47                      | 7.5           | 12,763.90                   | 701400 & 701401           | * |
| 1010066 | US 20 W B            | ILL 251 (11TH ST)     | S EDGE ROCKFORD        | 234.2              | 47                      | 7.5           | 12,763.90                   | 701400 & 701401           | * |
| 1010067 | I-39 NB & US 20      | CC&P RR               | 4.7 MI E IL 251        | 169.7              | 40                      | 7.5           | 8,060.75                    | 701400 & 701401           | * |
| 1010068 | I-39 SB & US 20      | CC&P RR               | 4.7 MI E IL 251        | 169.7              | 39.1                    | 7.5           | 7,908.02                    | 701400 & 701401           | * |
| 1010069 | I-39 SB & US 20      | C&NW RR               | 1.4 MI S OF I-90       | 279.7              | 39                      | 7.5           | 13,006.05                   | 701400 & 701401           | * |
| 1010070 | I-39 NB & US 20      | C&NW RR               | 1.4 MI S OF I-90       | 279.7              | 39                      | 7.5           | 13,006.05                   | 701400 & 701401           | * |
| 1010071 | I-39 NB              | HARRISON AVE          | .6 MI S OF I-90        | 228.1              | 50                      | 7.5           | 13,115.75                   | 701400 & 701401           | * |
| 1010072 | I-39 SB              | HARRISON AVE          | .6 MI S OF I-90        | 228.1              | 50                      | 7.5           | 13,115.75                   | 701400 & 701401           | * |
| 1010101 | ALPINE RD            | UNION PACIFIC RR      | 0.4 MI S HARRISON AVE  | 148.5              | 64.8                    | 7.5           | 10,736.55                   | 701606                    | * |
| 1010102 | ALPINE RD            | UNION PACIFIC RR      | 0.4 MI S HARRISON AVE  | 151.5              | 64.8                    | 7.5           | 10,953.45                   | 701606                    | * |
| 1010127 | IL 2 SB              | SOO RR & OLD RIVER RD | 0.3 MI S HONONEGAH RD  | 264.9              | 32.8                    | 7.5           | 10,675.47                   | 701421                    |   |
| 1010128 | IL 2 NB              | SOO RR & OLD RIVER RD | 0.3 MI S HONONEGAH RD  | 264.9              | 32.8                    | 7.5           | 10,675.47                   | 701421                    |   |
| 1010151 | ALPINE ROAD          | US 20 BY-PASS         | SOUTH EDGE ROCKFORD    | 212.7              | 78                      | 7.5           | 18,185.85                   | 701421 OR 701422 & 701446 |   |
| 1010154 | IL 251 SB            | KILBUCK CREEK         | 0.6 MI N OGLE CO LINE  | 222.5              | 38                      | 7.5           | 10,123.75                   | 701421 & DIST STD 38.1    |   |
| 1010157 | IL 75                | PECATONICA RIVER      | 1.2 MI W MERIDIAN RD   | 283.9              | 32                      | 7.5           | 11,214.05                   | 701201                    |   |
| 1010158 | IL 251 NB            | KILBUCK CREEK         | 0.6 MI N OGLE CO LINE  | 222.5              | 38                      | 7.5           | 10,123.75                   | 701421 & DIST STD 38.1    |   |
| 1010160 | IL 251(FAP 734)      | C&NW RR               | KISHWAUKEE ST-ROCKFORD | 105.8              | 82                      | 7.5           | 9,469.10                    | 701601                    |   |
| 1010163 | IL 251               | KISHWAUKEE RIVER      | AT NEW MILFORD         | 300                | 66                      | 7.5           | 22,050.00                   | 701421                    |   |
| 1010164 | IL 2                 | DRAINAGE DITCH        | 0.6 MI NE OGLE CO LINE | 79.3               | 70                      | 7.5           | 6,145.75                    | 701201                    |   |
| 1010165 | IL 70 (TRASK BRG RD) | PECATONICA RIVER      | 5 MI S DURAND          | 350                | 36                      | 7.5           | 15,225.00                   | 701201                    |   |
| 1010166 | US 20 WB             | GROVE CREEK           | 0.3 MI E STEPH CO      | 102                | 40                      | 7.5           | 4,845.00                    | 701400 & 701406 or 701426 |   |
| 1010167 | US 20 EB             | GROVE CREEK           | 0.3 MI E STEPH CO      | 104                | 40                      | 7.5           | 4,940.00                    | 701400 & 701406 or 701426 |   |
| 1010169 | PRAIRIE HILL RD      | I-90                  | 2 MI S WISCONSIN LINE  | 199.3              | 27.6                    | 7.5           | 6,995.43                    | 701201                    |   |

\* = NIGHTTIME WORK ZONE LIGHTING REQUIRED

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|---|--|--|---|---|---|

# SCHEDULE OF QUANTITIES

| SN      | Facility Carried | Feature Crossed   | Location              | Total Length (Ft.) | Bridge Rdwy Width (Ft.) | Parapet (Ft.) | Area to be sealed (Sq. Ft.) | TRAFFIC CONTROL                      |
|---------|------------------|-------------------|-----------------------|--------------------|-------------------------|---------------|-----------------------------|--------------------------------------|
| 1010170 | US 52 & IL 75    | I-90              | E EDGE S BELOIT       | 218.8              | 98.1                    | 7.5           | 23,105.28                   | 701606                               |
| 1010174 | IL 70            | KENT CREEK        | 0.1 MI SPRINGFIELD RD | 56                 | 54                      | 7.5           | 3,444.00                    | 701201                               |
| 1010175 | IL 251 SB        | MCDONALD CREEK    | 2.0 MI N IL 173       | 87.5               | 40                      | 7.5           | 4,156.25                    | 701421                               |
| 1010176 | IL 251 SB        | MCDONALD CREEK    | 2.0 MI N IL 173       | 87.5               | 40                      | 7.5           | 4,156.25                    | 701421                               |
| 1010177 | IL 2             | MUD CREEK         | .4 MI S OLD RIVER RD  | 113                | 24                      | 7.5           | 3,559.50                    | 701201                               |
| 1010178 | IL 2             | MUD CREEK         | .4 MI S OLD RIVER RD  | 113                | 24                      | 7.5           | 3,559.50                    | 701201                               |
| 1010190 | IL 251           | SPRING CREEK RD   | 1.4 MI N WHITMAN ST   | 263.3              | 115.8                   | 7.5           | 32,464.89                   | 701421 & 701446 & 701411             |
| 1010191 | IL 70            | S BRANCH OF OTTER | .8 MI N OF IL 75      | 67.5               | 26                      | 7.5           | 2,261.25                    | 701501 & 701801                      |
| 1010193 | I-90 SB          | DRY CREEK         | 1 MI S OF IL 75       | 153.3              | 65.7                    | 7.5           | 11,221.56                   | 701400 & 701406 or 701426            |
| 1010194 | I-90 NB          | DRY CREEK         | 1 MI S OF IL 75       | 153.3              | 59.5                    | 7.5           | 10,271.10                   | 701400 & 701406 or 701426            |
| 1016133 | US BUS 20 EB     | ROCK RIVER        | 0.1 MI E OF MAIN ST   | 448.2              | 52                      | 7.5           | 26,667.90                   | 701201                               |
| 1016201 | N 2ND ST         | WHITMAN ST        | WHITMAN INTERCHANGE   | 192                | 60                      | 7.5           | 12,960.00                   | SB-701422, NB-701601 & 701411 (BOTH) |

\* = NIGHTTIME WORK ZONE LIGHTING REQUIRED

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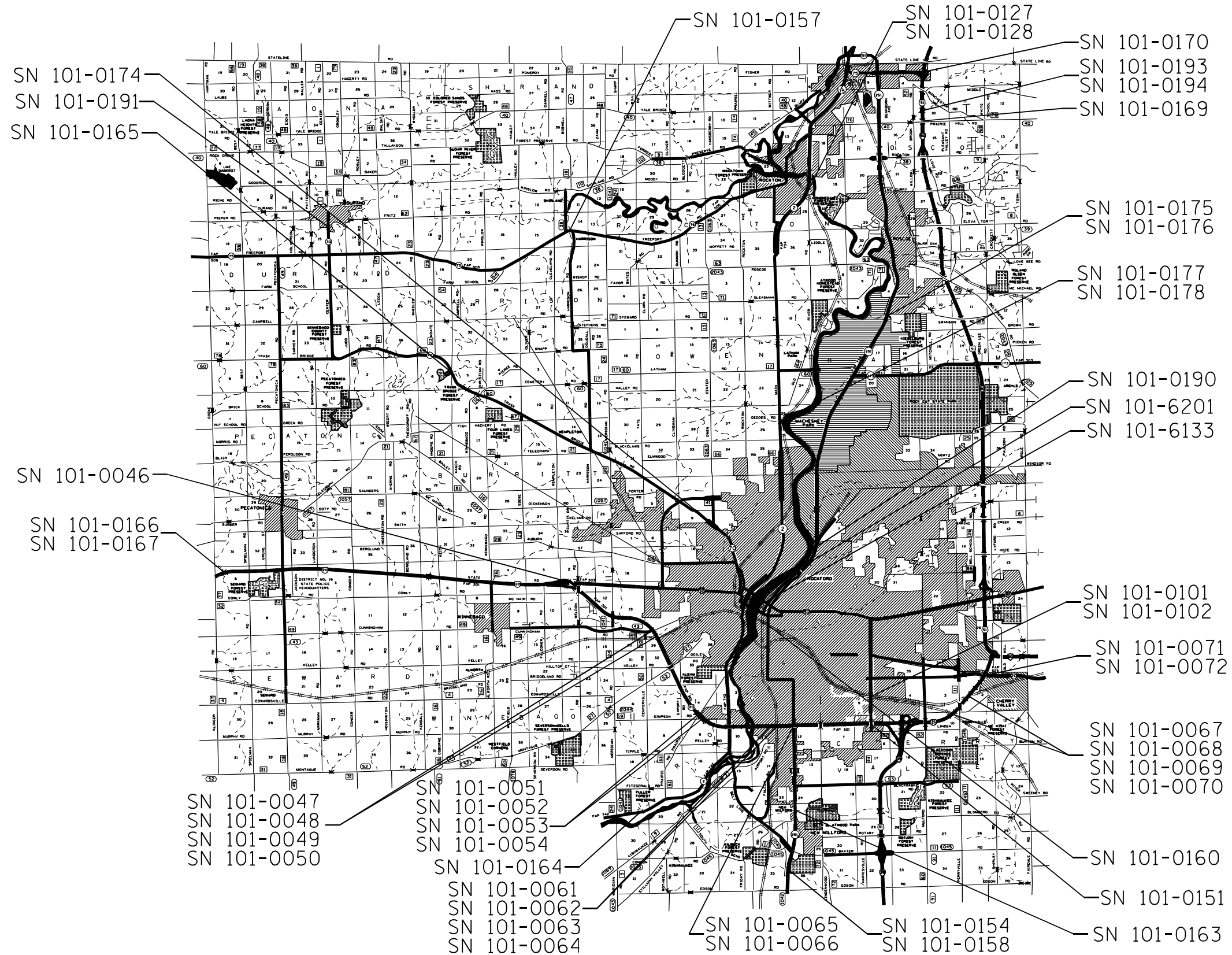
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

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

| F.A. RTE.          | SECTION       | COUNTY           | TOTAL SHEETS | SHEET NO. |
|--------------------|---------------|------------------|--------------|-----------|
| VAR                | D2 BDS 2022-2 | VARIOUS          | 16           | 5         |
| CONTRACT NO. 64R19 |               |                  |              |           |
| ILLINOIS           |               | FED. AID PROJECT |              |           |

# LOCATION MAP WINNEBAGO COUNTY



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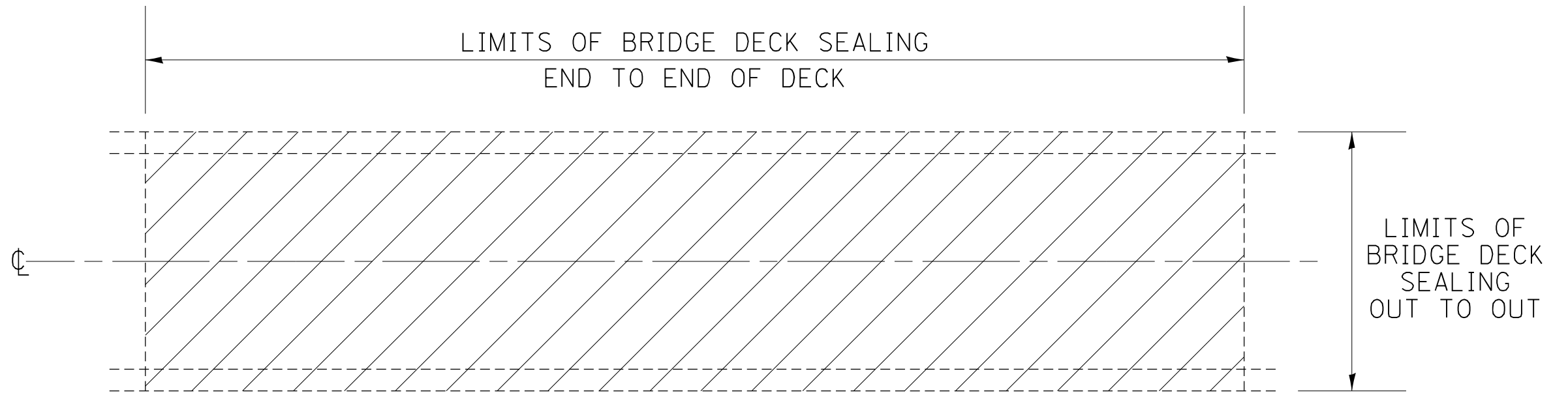
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

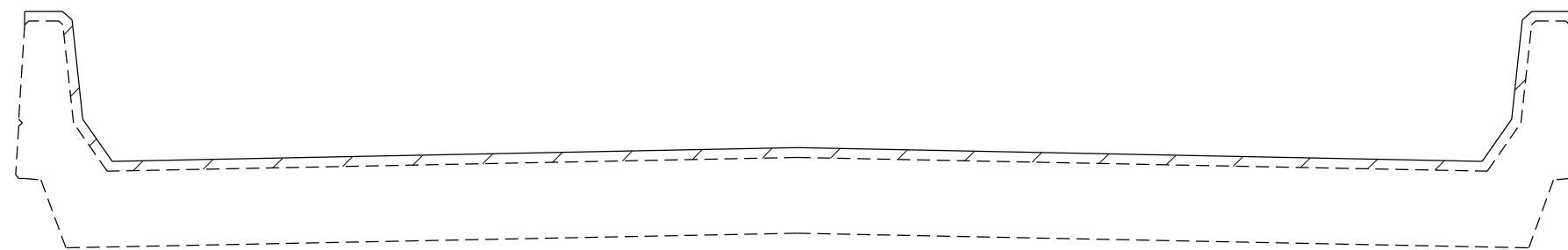
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| <b>LOCATION MAP WINNEBAGO COUNTY</b> |  |
| SCALE: _____                         | SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____ |

|                           |               |              |                    |                 |
|---------------------------|---------------|--------------|--------------------|-----------------|
| F.A. RTE. _____           | SECTION _____ | COUNTY _____ | TOTAL SHEETS _____ | SHEET NO. _____ |
| VAR _____                 | D2 BDS 2022-2 | VARIOUS      | 16                 | 6               |
| CONTRACT NO. 64R19        |               |              |                    |                 |
| ILLINOIS FED. AID PROJECT |               |              |                    |                 |

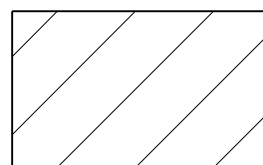
# SEALING DETAILS



PLAN VIEW



CROSS SECTION WITH PARAPET



AREA TO BE SEALED

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

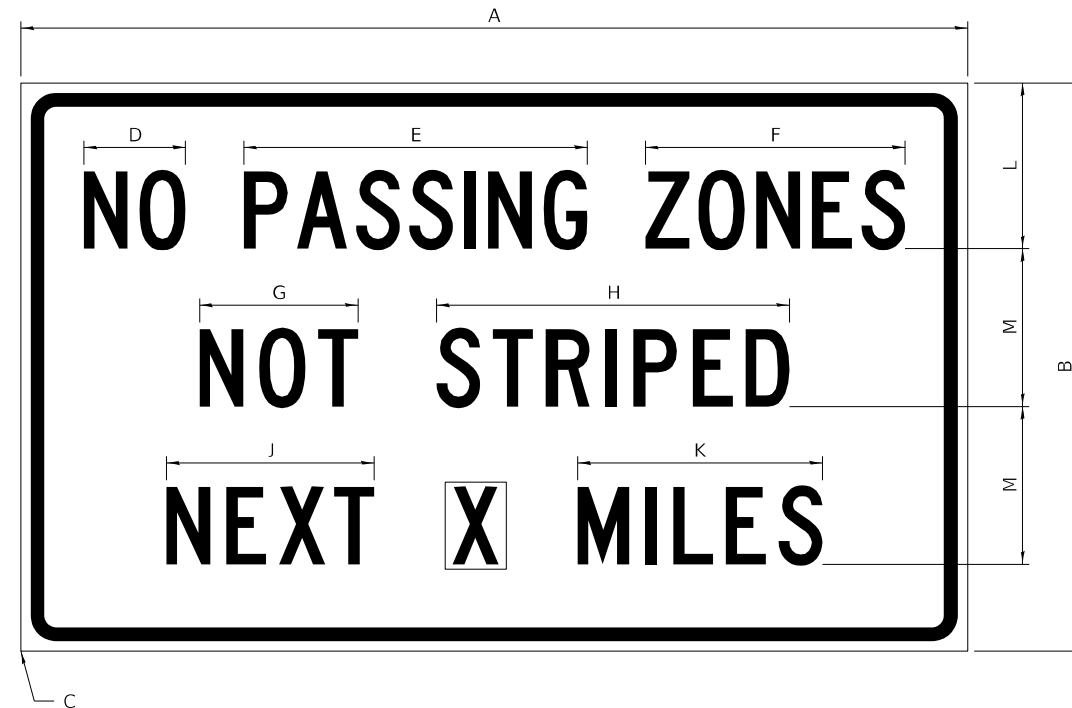
**SEALING DETAILS**

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

| F.A. RTE.                 | SECTION       | COUNTY  | TOTAL SHEETS       | SHEET NO. |
|---------------------------|---------------|---------|--------------------|-----------|
| VAR                       | D2 BDS 2022-2 | VARIOUS | 16                 | 7         |
|                           |               |         | CONTRACT NO. 64R19 |           |
| 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**

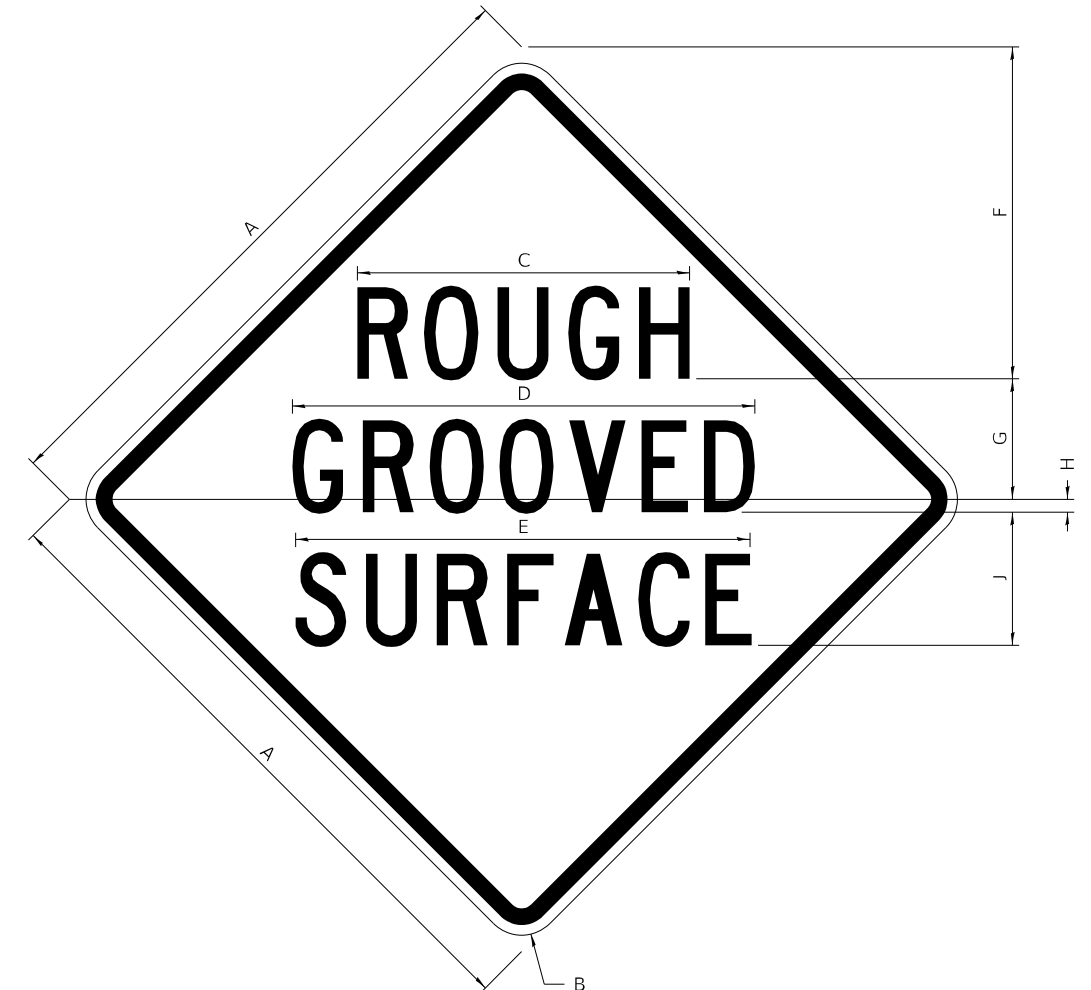
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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 |

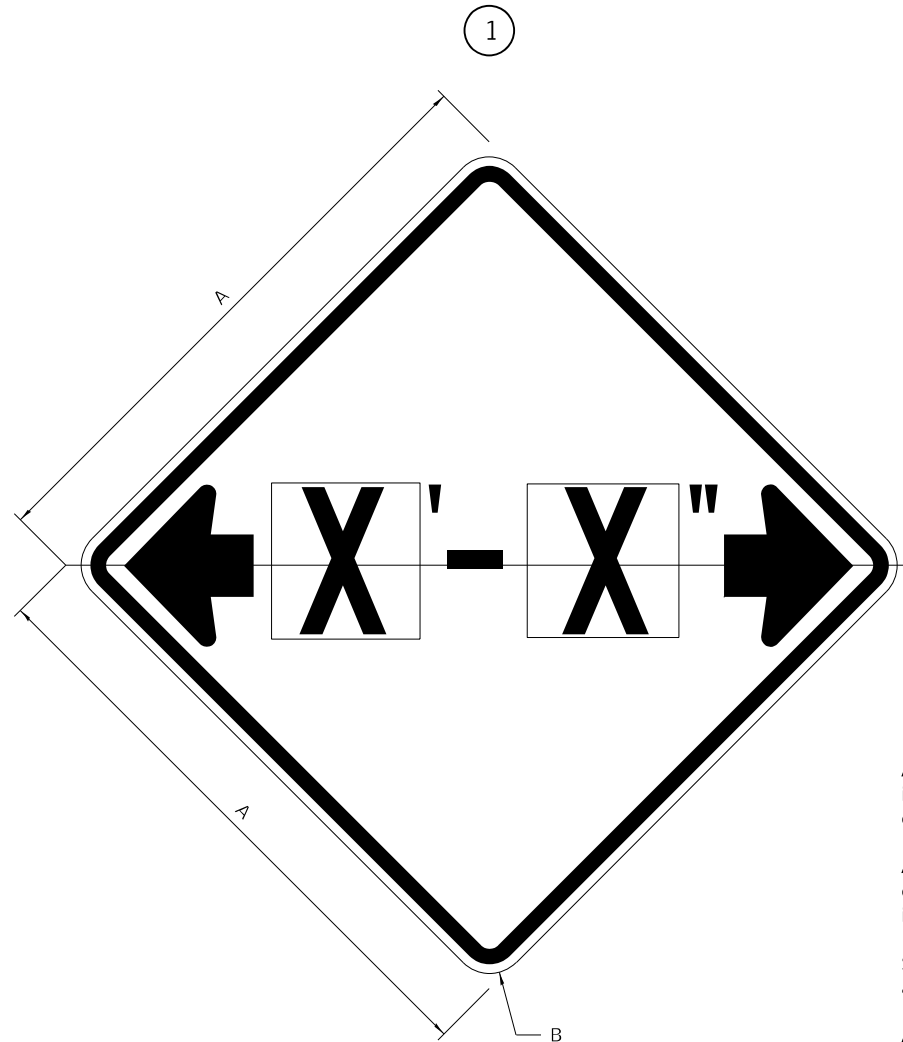
| SIGN SIZE | SERIES BY LINE |    |    | MARGIN | BORDER |
|-----------|----------------|----|----|--------|--------|
|           | 1              | 2  | 3  |        |        |
| 48 x 48   | 7C             | 7C | 7C | 1.250  | 0.750  |

Sign not to scale



# 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

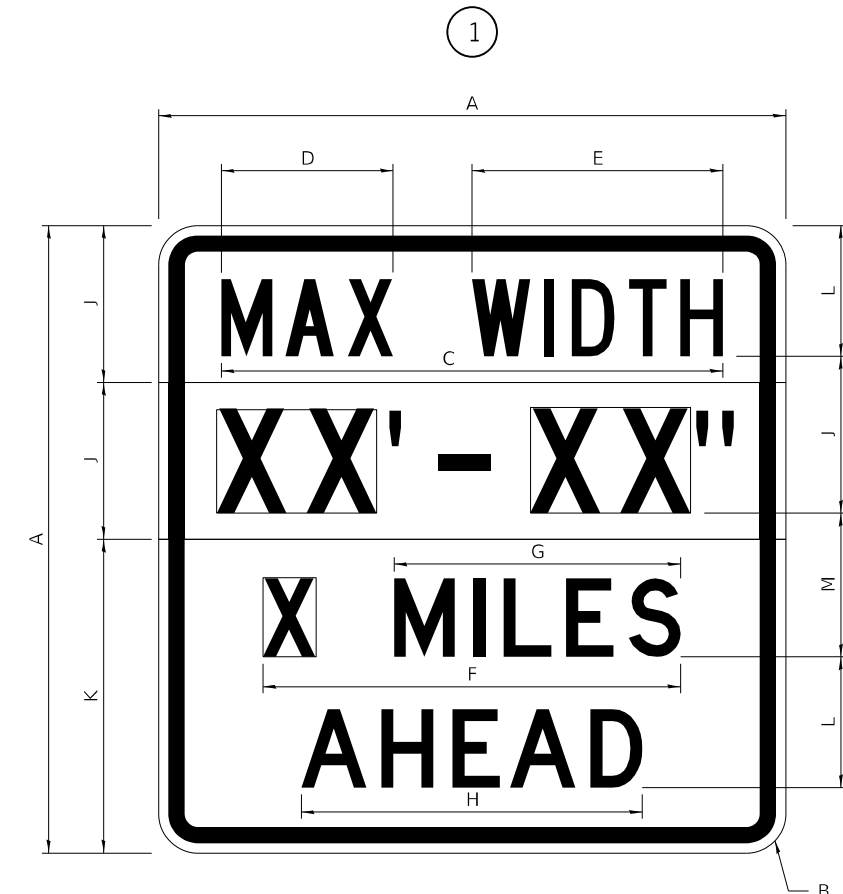
| SIGN SIZE | DIMENSIONS |      |
|-----------|------------|------|
|           | A          | B    |
| 48 x 48   | 48.00      | 3.00 |

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 BLACK WHITE 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

|  |                  |                   |
|--|------------------|-------------------|
| USER NAME = dossed   | DESIGNED - _____ | REVISED - 3-02-16 |
| FILE NAME: pwc\illdot-pw\Bentley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\Operations\Bridges\Drawings\Deck Sealing_Contracts\2022\64R19\REVISED Letting\CADD\64R19-shi-cover.dgn | DRAWN _____      | REVISED _____     |
| PLOT SCALE = 40,0000 * / in.   | CHECKED - _____  | REVISED - _____   |
| PLOT DATE = Aug-31-2021 11:24:37 AM  | DATE - _____     | REVISED - _____   |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

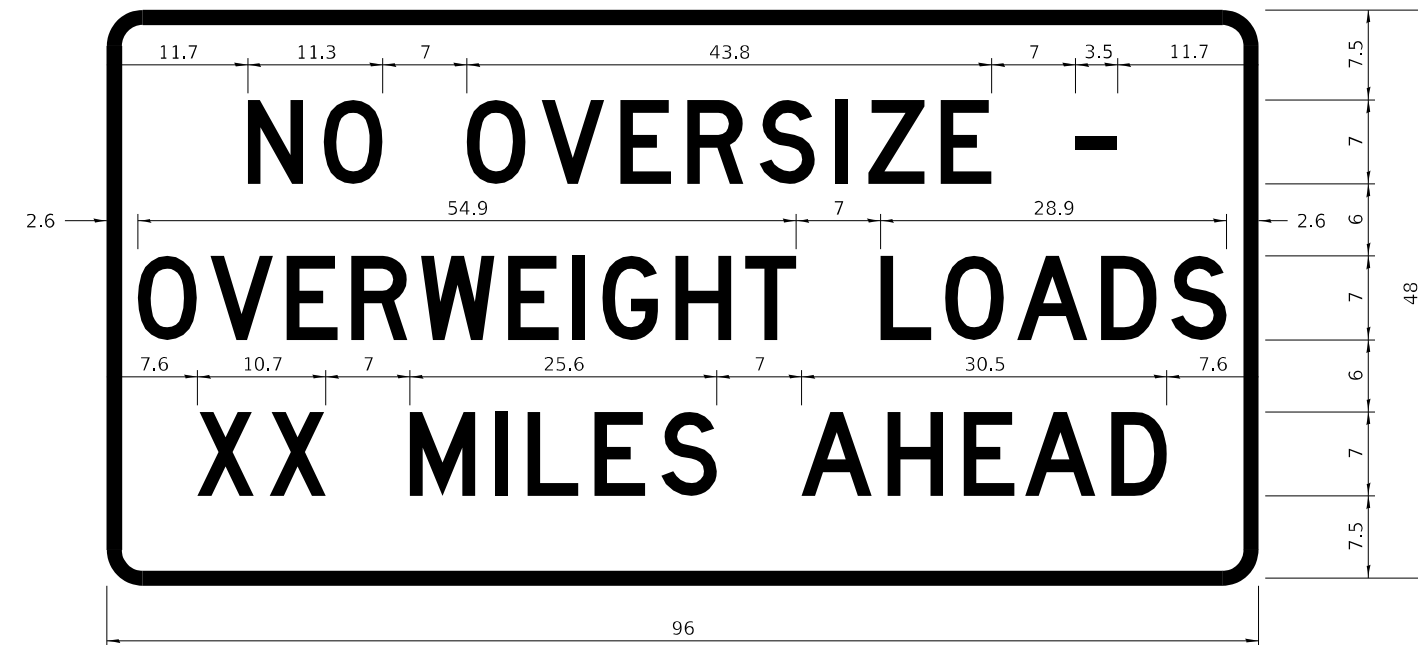
REGION 2 / DISTRICT 2 STANDARD

SCALE: \_\_\_\_\_ SHEET 2 OF 4 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

| F.A. RTE.                 | SECTION       | COUNTY  | TOTAL SHEETS       | SHEET NO. |
|---------------------------|---------------|---------|--------------------|-----------|
| VAR                       | D2 BDS 2022-2 | VARIOUS | 16                 | 9         |
| ILLINOIS FED. AID PROJECT |               |         | CONTRACT NO. 64R19 |           |

# 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

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

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.

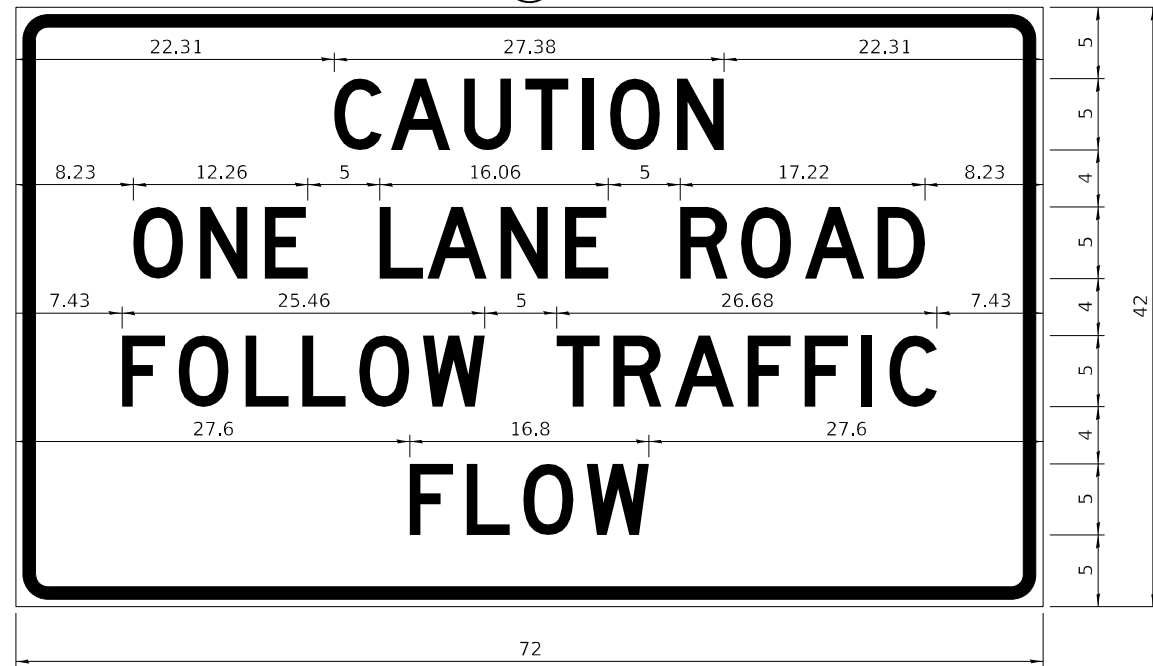
Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

|  |                    |                  |                   |   |                                       |                           |               |           |                    |         |              |           |
|--|--------------------|------------------|-------------------|---|---------------------------------------|---------------------------|---------------|-----------|--------------------|---------|--------------|-----------|
| FILE NAME: pwc:\dot-pw.bentley.com:PWIDOT\Documents\DOT Offices\District 2\Projects\Operations\Bridges\Bridges\Deck Sealing_Contracts\2022\64R19\REVISED 22 Letting\CADD\64R19-shi-cover.dgn | USER NAME = dossod | DESIGNED - _____ | REVISED - 3-02-16 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>REGION 2 / DISTRICT 2 STANDARD</b> |                           |               | F.A. RTE. | SECTION            | COUNTY  | TOTAL SHEETS | SHEET NO. |
| PLOT SCALE = 40,0000 * / in.   | CHECKED - _____    | REVISED - _____  | SCALE: _____      |   | SHEET 3 OF 4 SHEETS                   | STA. _____                | TO STA. _____ | VAR       | D2 BDS 2022-2      | VARIOUS | 16           | 10        |
| PLOT DATE = Aug-31-2021 11:24:46 AM  | DATE - _____       | REVISED - _____  |                   |   |                                       | ILLINOIS FED. AID PROJECT |               |           | CONTRACT NO. 64R19 |         |              |           |

**ENTRANCE SIGN FOR USE  
WITH TEMPORARY SIGNALS**

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    | 3.36 | 1.18 | E    | 3.04 |
|      | 3.51 |      | 3.36 |      | 1.18 | 3.04 |      |

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

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 5.00 | R    | 0.93 | O    | 0.94 | A    | 0.93 | D    | 3.36 | 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 |      |

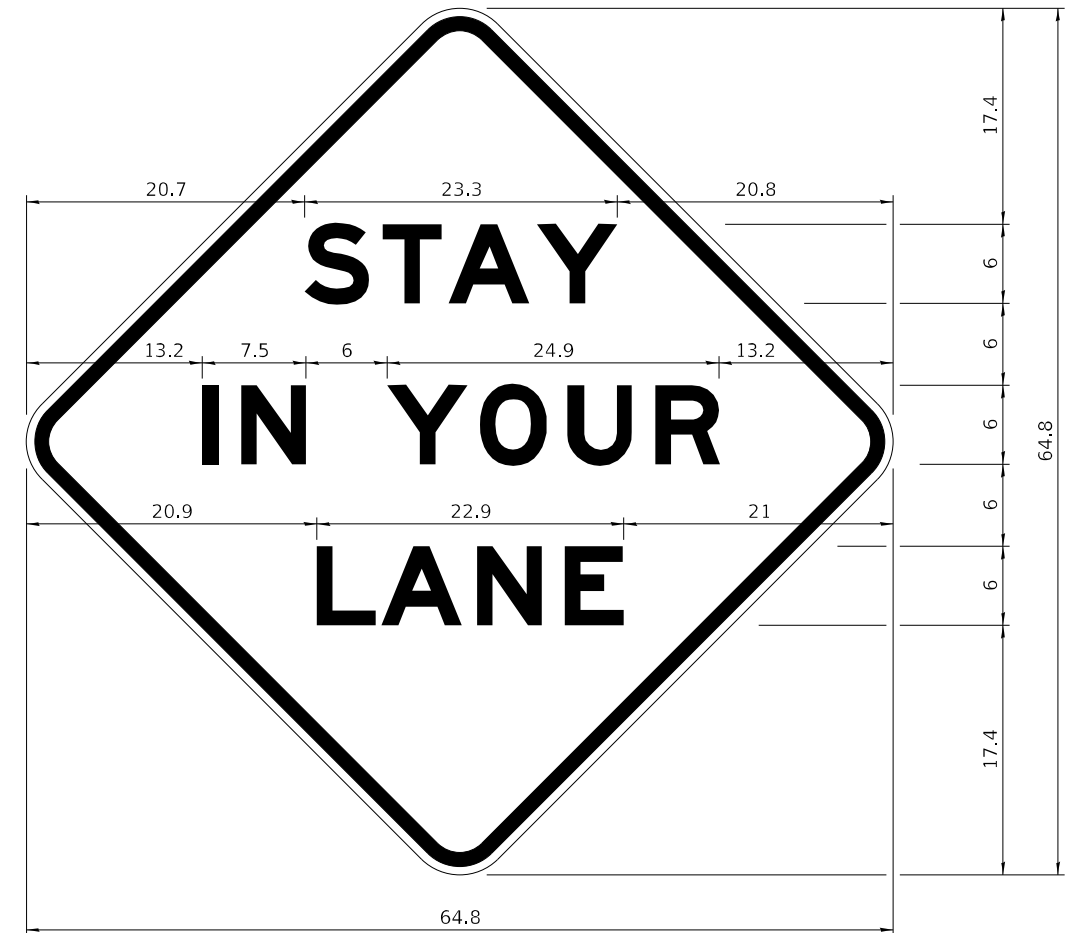
|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 5.00 | T    | 0.94 | R    | 0.94 | A    | 0.93 | F    | 0.94 | F    | 0.94 | I    | 1.18 | C    | 3.35 | 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    | 4.38 | 27.60 |
|       | 3.05 |      | 3.04 |      | 3.52 |      | 4.38 |      |       |

Sign not to scale

**WORK ZONE SIGN DETAILS**

**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

**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.

|   |                  |                   |
|---|------------------|-------------------|
| USER NAME = dossed  | DESIGNED - _____ | REVISED - 3-02-16 |
| FILE NAME: p:\dot\pwbentley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\Operations\Bridges\Bridges\Deck Sealing_Contracts\2022\64R19\REVISED 22 Letting\CADD\64R19-shi-cover.dgn | CHECKED - _____  | REVISED - _____   |
| PLOT SCALE = 40,0000 */ in.   | DATE - _____     | REVISED - _____   |
| PLOT DATE = Aug-31-2021 11:24:58 AM   |                  |                   |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

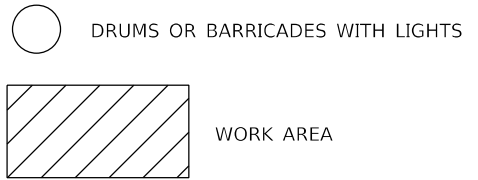
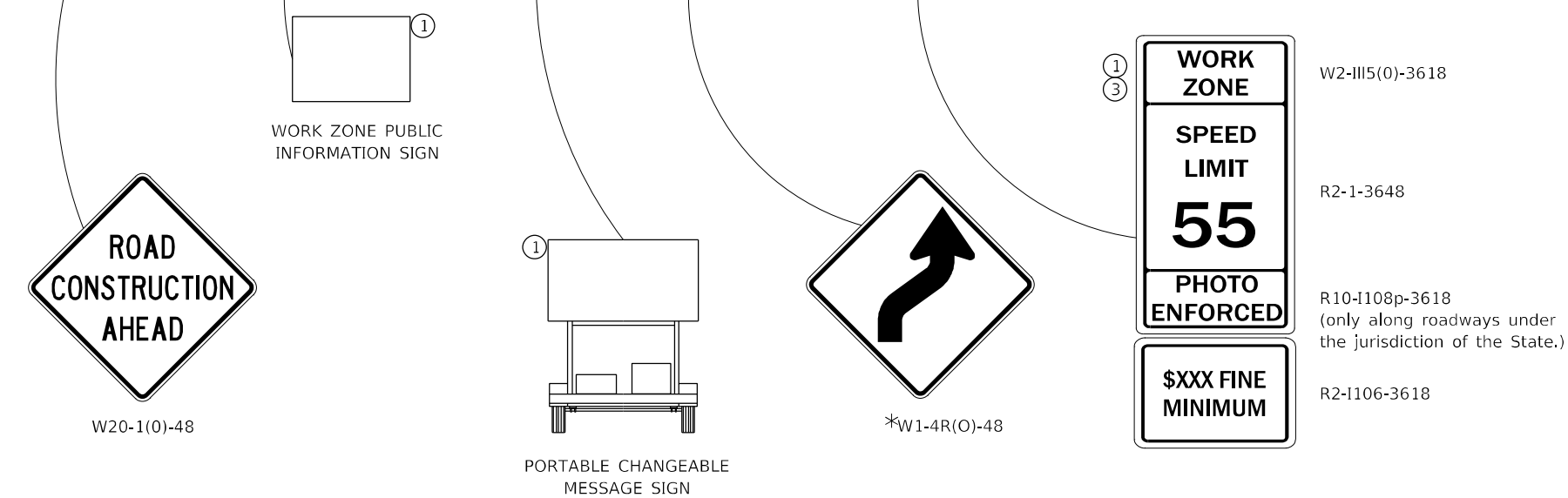
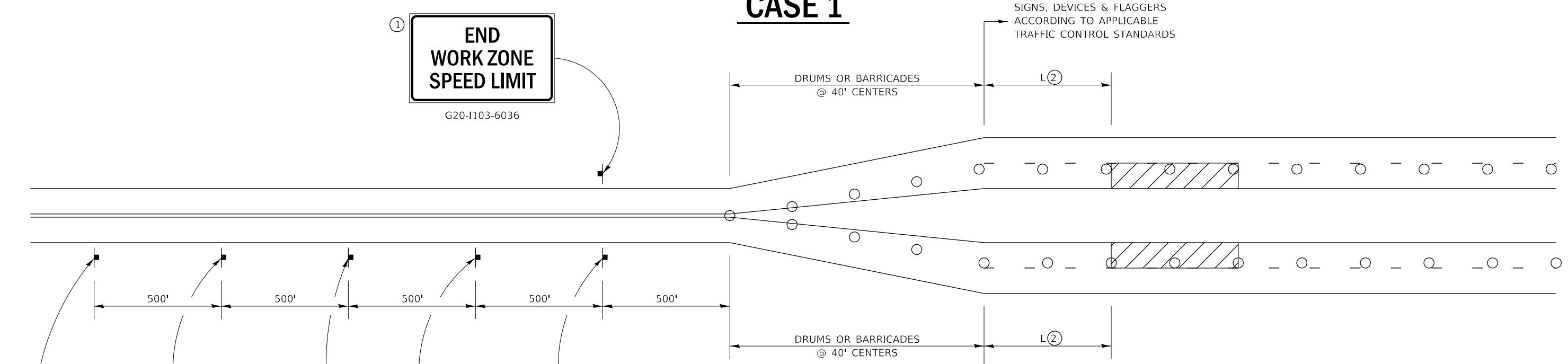
**REGION 2 / DISTRICT 2 STANDARD**

SCALE: \_\_\_\_\_ SHEET 4 OF 4 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

|                           |               |         |                    |           |
|---------------------------|---------------|---------|--------------------|-----------|
| F.A. RTE.                 | SECTION       | COUNTY  | TOTAL SHEETS       | SHEET NO. |
|                           | D2 BDS 2022-2 | VARIOUS | 16                 | 11        |
| ILLINOIS FED. AID PROJECT |               |         | CONTRACT NO. 64R19 |           |

# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 1



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.

|                                     |                  |                   |
|-------------------------------------|------------------|-------------------|
| USER NAME = drossd                  | DESIGNED - _____ | REVISED - 4-20-17 |
| PLOT SCALE = 40,0000 * / in.        | CHECKED - _____  | REVISED - 8-27-13 |
| PLOT DATE = Aug-31-2021 11:25:07 AM | DATE - _____     | REVISED - 1-16-13 |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

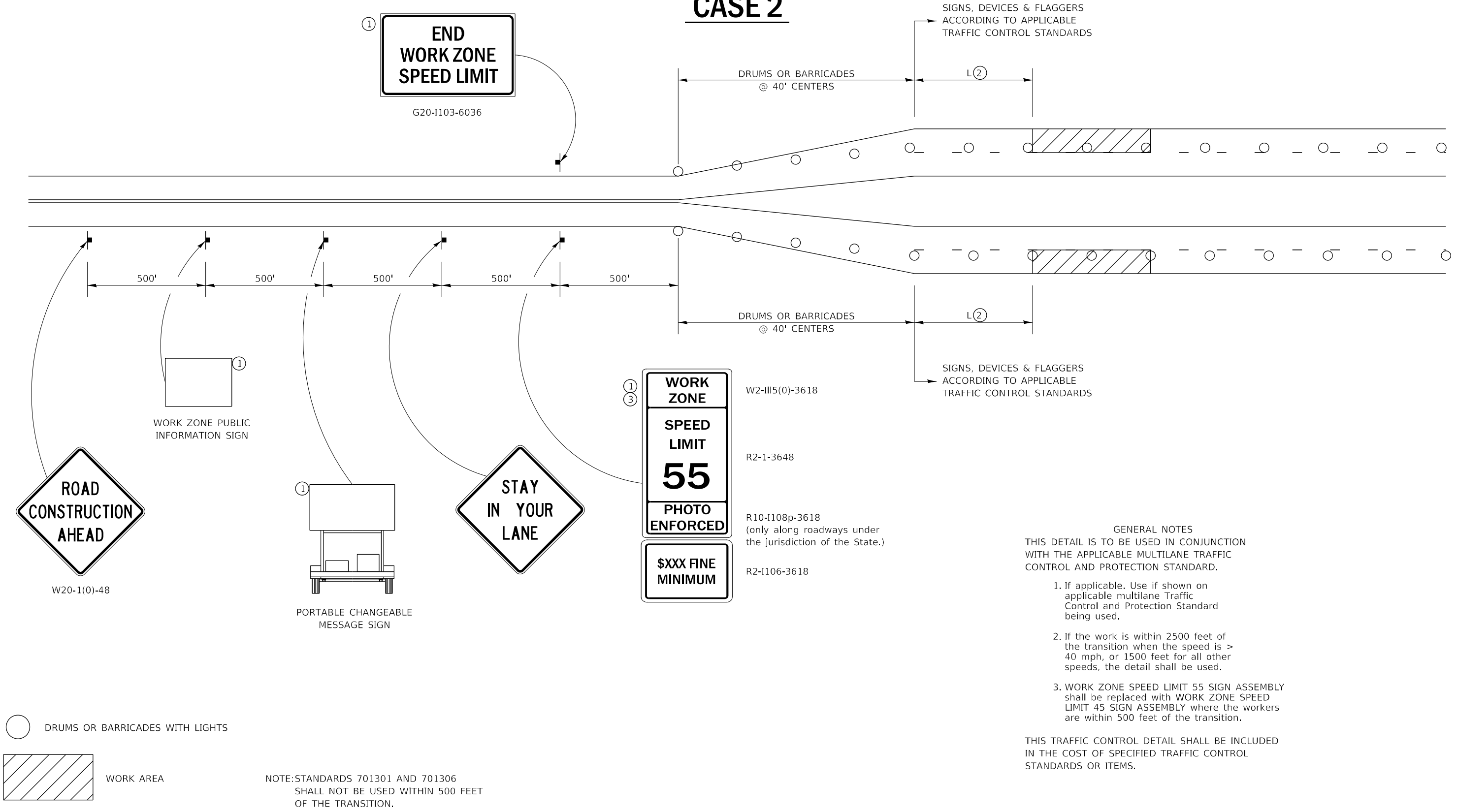
**REGION 2 / DISTRICT 2 STANDARD**

SCALE: \_\_\_\_\_ SHEET 1 OF 4 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

| F.A. RTE.          | SECTION       | COUNTY  | TOTAL SHEETS | SHEET NO. |
|--------------------|---------------|---------|--------------|-----------|
|                    | D2 BDS 2022-2 | VARIOUS | 16           | 12        |
| CONTRACT NO. 64R19 |               |         |              |           |

# 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.

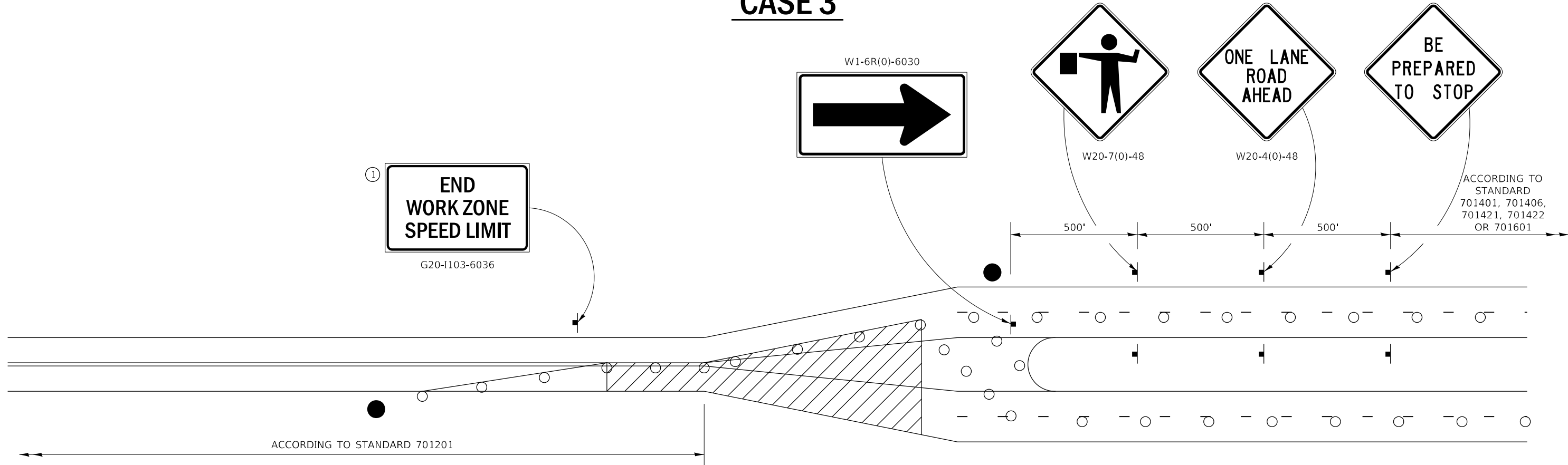
|  |  |                  |                   |
|--|--|------------------|-------------------|
| FILE NAME: pwc:\dot-pw.bentley.com:PWIDOT\Documents\DOT Offices\District 2\Projects\Operations\Bridg | USER NAME = dossed                         | DESIGNED - _____ | REVISED - 4-20-17 |
| DRAWN: Bridge Deck Sealing Contracts 2022\64R19  | PLotted: 22 Letting\08-16-19-shi-cover.dgn | CHECKED - _____  | REVISED - 8-27-13 |
| PLOT SCALE = 40,0000 * / in.   | DATE - _____                               | DATE - _____     | REVISED - 1-16-13 |
| PLOT DATE = Aug-31-2021 11:25:14 AM  |  |                  |                   |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

|                                |  |                    |               |                           |              |           |
|--------------------------------|--|--------------------|---------------|---------------------------|--------------|-----------|
| REGION 2 / DISTRICT 2 STANDARD |  | F.A. RTE.          | SECTION       | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| SCALE: _____                   |  | VAR                | D2 BDS 2022-2 | VARIOUS                   | 16           | 13        |
| SHEET 2 OF 4 SHEETS            |  | CONTRACT NO. 64R19 |               | 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.

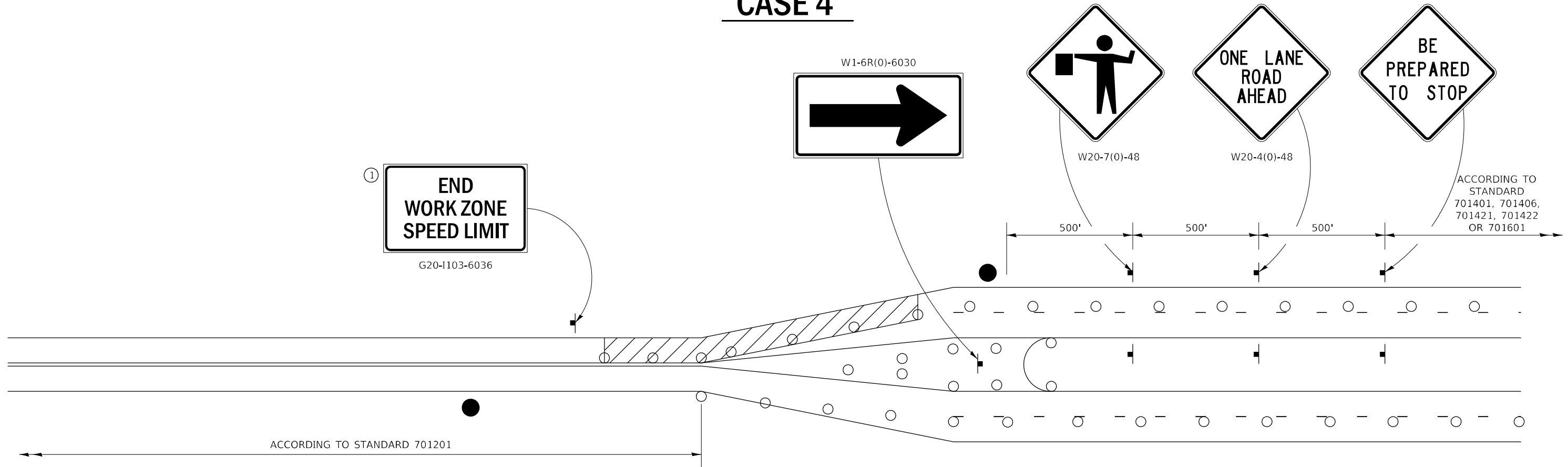
- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUMS OR BARRICADES WITH LIGHTS
- WORK AREA

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

|   |  |   |   |                                |   |  |                           |
|---|--|---|---|--------------------------------|---|--|---------------------------|
| FILE NAME: pwc:\dot-pw\...<br>USER NAME = dossod<br>PLOT SCALE = 40,0000 * / in.<br>PLOT DATE = Aug-31-2021 11:25:21 AM | DESIGNED - _____<br>DRAWN - _____<br>CHECKED - _____<br>DATE - _____ | REVISED - 4-20-17<br>REVISED - 10-22-19<br>REVISED - 8-27-13<br>REVISED - 3-05-12 | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | REGION 2 / DISTRICT 2 STANDARD | SCALE: _____ SHEET 3 OF 4 SHEETS STA. _____ TO STA. _____ | F.A. RTÉ. SECTION COUNTY TOTAL SHEETS SHEET NO.<br>VAR D2 BDS 2022-2 VARIOUS 16 14<br>CONTRACT NO. 64R19 | 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.

|                                     |                  |                   |
|-------------------------------------|------------------|-------------------|
| USER NAME = dossed                  | DESIGNED - _____ | REVISED - 4-20-17 |
| PLOT SCALE = 40,0000 * / in.        | CHECKED - _____  | REVISED - 8-27-13 |
| PLOT DATE = Aug-31-2021 11:25:28 AM | DATE - _____     | REVISED - 3-05-12 |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**REGION 2 / DISTRICT 2 STANDARD**

SCALE: \_\_\_\_\_ SHEET 4 OF 4 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

| F.A. RTE.                 | SECTION       | COUNTY  | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------|---------|--------------|-----------|
| VAR                       | D2 BDS 2022-2 | VARIOUS | 16           | 15        |
| CONTRACT NO. 64R19        |               |         |              |           |
| ILLINOIS FED. AID PROJECT |               |         |              |           |

