

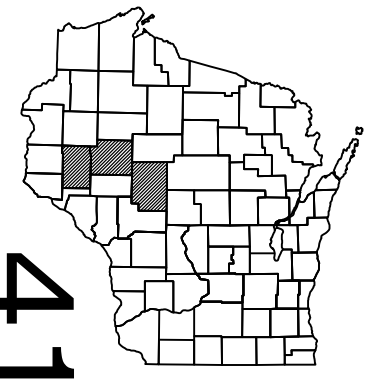
SUP FEBRUARY 2023  
 PROJECT ID: 1050-00-81  
 COUNTY: DUNN, CHIPPEWA, CLARK  
 WITH: 41

FEBRUARY 2023

ORDER OF SHEETS

| Section No.  | Title                              |
|--------------|------------------------------------|
| 1            | Title                              |
| 2            | Typical Sections and Details       |
| 3            | Estimate of Quantities             |
| 3            | Miscellaneous Quantities           |
| <del>4</del> | <del>Right of Way Plat</del>       |
| 5            | Plan and Profile                   |
| 6            | Standard Detail Drawings           |
| <del>7</del> | <del>Sign Plates</del>             |
| <del>8</del> | <del>Structure Plans</del>         |
| <del>9</del> | <del>Computer Earthwork Data</del> |
| <del>9</del> | <del>Gross Sections</del>          |

TOTAL SHEETS = 16



# STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

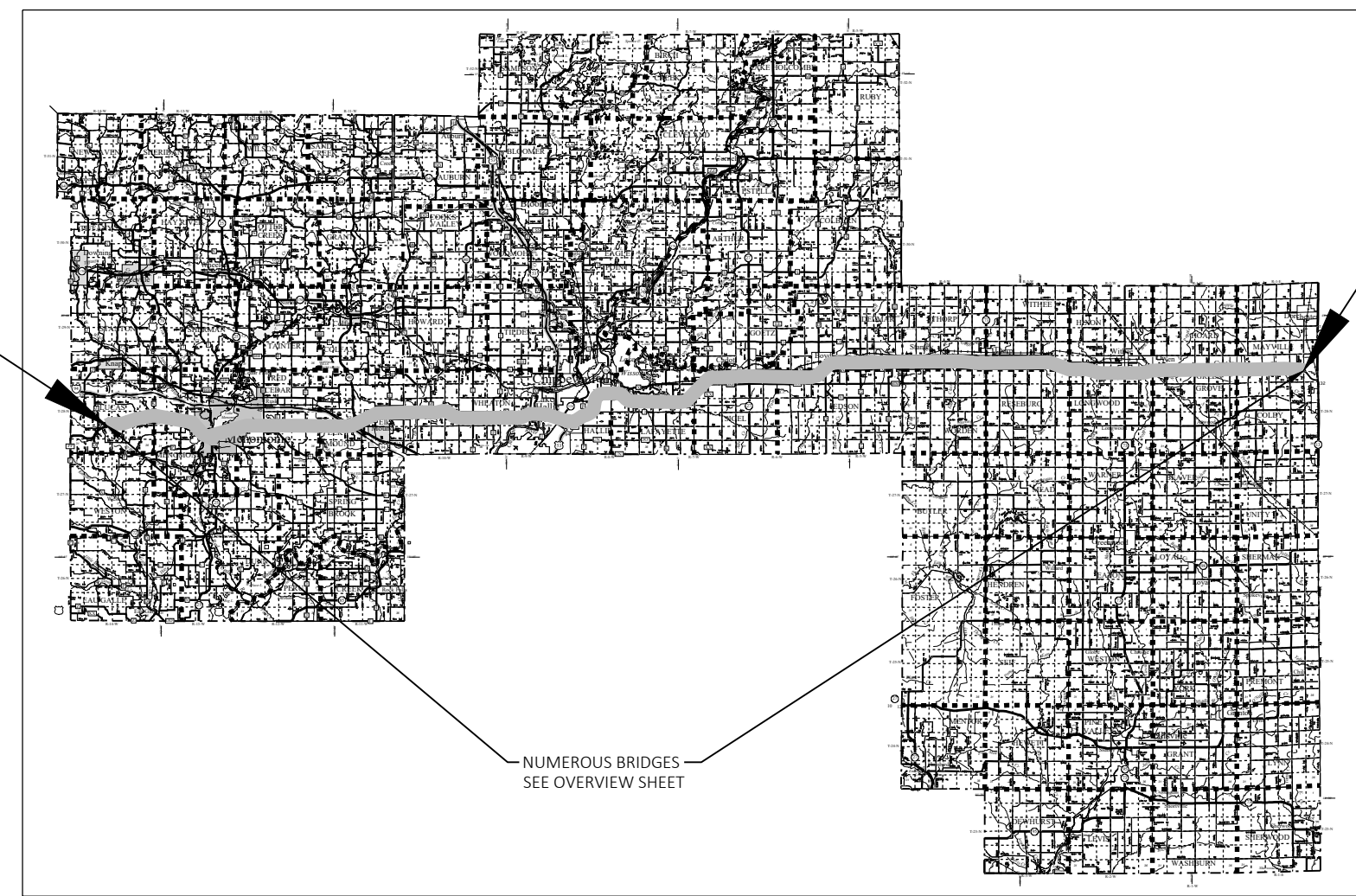
## NW REGION, STH 29 BRDG DECK SEALING

STH 29 BRIDGE DECK SEALING

### STH 29 DUNN, CHIPPEWA, CLARK

STATE PROJECT NUMBER  
**1050-00-81**

| STATE PROJECT | FEDERAL PROJECT |          |
|---------------|-----------------|----------|
|               | PROJECT         | CONTRACT |
| 1050-00-81    | —————           | ———      |
|               |                 |          |
|               |                 |          |



**END PROJECT**  
 1050-00-81  
 B-10-151, STH 29  
 HI LINE DRIVE  
 N 44°56'34"  
 W 90°20'12"

**BEGIN PROJECT**  
 1050-00-81  
 B-17-075, STH 29  
 GILBERT CREEK  
 N 44°52'30"  
 W 92°08'07"

DESIGN DESIGNATION 1505-00-11  
 A.A.D.T.: DUNN = 5300  
 A.A.D.T.: CHIPPEWA = 16000  
 A.A.D.T.: CLARK = 11500  
 DESIGN SPEED: DUNN = 60  
 DESIGN SPEED: CHIPPEWA = 70  
 DESIGN SPEED: CLARK = 70

CONVENTIONAL SYMBOLS

| PLAN                              |  | PROFILE  |  |
|-----------------------------------|--|--|--|
| CORPORATE LIMITS                  |  | GRADE LINE                                     |  |
| PROPERTY LINE                     |  | ORIGINAL GROUND                                |  |
| LOT LINE                          |  | MARSH OR ROCK PROFILE<br>(To be noted as such) |  |
| LIMITED HIGHWAY EASEMENT          |  | SPECIAL DITCH                                  |  |
| EXISTING RIGHT OF WAY             |  | GRADE ELEVATION                                |  |
| PROPOSED OR NEW R/W LINE          |  | CULVERT (Profile View)                         |  |
| SLOPE INTERCEPT                   |  | UTILITIES                                      |  |
| REFERENCE LINE                    |  | ELECTRIC                                       |  |
| EXISTING CULVERT                  |  | FIBER OPTIC                                    |  |
| PROPOSED CULVERT<br>(Box or Pipe) |  | GAS  |  |
| COMBUSTIBLE FLUIDS                |  | SANITARY SEWER                                 |  |
| MARSH AREA                        |  | STORM SEWER                                    |  |
| WOODED OR SHRUB AREA              |  | TELEPHONE                                      |  |
|                                   |  | WATER  |  |
|                                   |  | UTILITY PEDESTAL                               |  |
|                                   |  | POWER POLE                                     |  |
|                                   |  | TELEPHONE POLE                                 |  |

LAYOUT  
 SCALE 0 12 MI  
 TOTAL NET LENGTH OF CENTERLINE = 2.692

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

PREPARED BY

|                     |                             |
|---------------------|-----------------------------|
| Surveyor            | _____ N/A _____             |
| Designer            | _____ MICHAEL PEARSON _____ |
| Project Manager     | _____ PHIL KEPPERS _____    |
| Regional Examiner   | _____ MATT DICKENSON _____  |
| Regional Supervisor | _____ JEFF OLSON _____      |

APPROVED FOR THE DEPARTMENT

DATE: 10/26/2022

(Signature)

**E**

PROJECT: 1050-00-81  
 UTILITIES: THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGER HOTLINE AND / OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

WISDOT DESIGN CONTACT  
 PHIL KEPPERS  
 1701 N. 4TH ST.  
 SUPERIOR, WI 54880  
 PHILLIP.KEPPERS@DOT.WI.GOV  
 715-395-3027

WISDOT DESIGN CONTACT  
 MICHAEL PEARSON  
 1701 N. 4TH ST.  
 SUPERIOR, WI 54880  
 MICHAEL.PEARSON@DOT.WI.GOV  
 715-395-3024

WISDNR WEST CENTRAL REGION  
 LEAH NICOL  
 1300 WEST CLAIREMONT AVE  
 EAU CLAIRE, WI 54701  
 LEAH.NICOL@WISCONSIN.GOV  
 715-934-9014

WISDNR WEST CENTRAL REGION  
 BRAD BETTHAUSER  
 910 HWY 54 E  
 BLACK RIVER FALLS, WI 54615  
 BRADLEY.BETTHAUSER@WISCONSIN.GOV  
 715-213-9064

RAILROAD NOTES  
 RAILROAD INSURANCE AND COORDINATION REQUIRED FOR ANY AND ALL WORK ON STRUCTURES THAT SPAN PROPERTY OWNED BY RAILROAD COMPANIES. WORK UNDER CONTRACT INVOLVES WORK ON THE UPPER SIDE OF STRUCTURES THAT SPAN PROPERTY OWNED BY THE FOLLOWING RAILROAD COMPANIES. SEE SPECIAL PROVISIONS FOR CONTACT INFORMATION.  
 -UNION PACIFIC RAILROAD COMPANY  
 -WISCONSIN CENTRAL LTD

AREA CONTACTS:

WISDOT NW REGION SUPERVISOR  
 DAVID KEOPP  
 718 W. CLAIREMONT AVE.  
 EAU CLAIRE, WI 54701  
 (715)836-2078

WISDOT NW REGION SUPERVISOR  
 JEFF KERN  
 715 W. CLAIREMONT AVE.  
 EAU CLAIRE, WI 54701  
 (715) 836-2919

NW REGION COUNTY CONTACTS

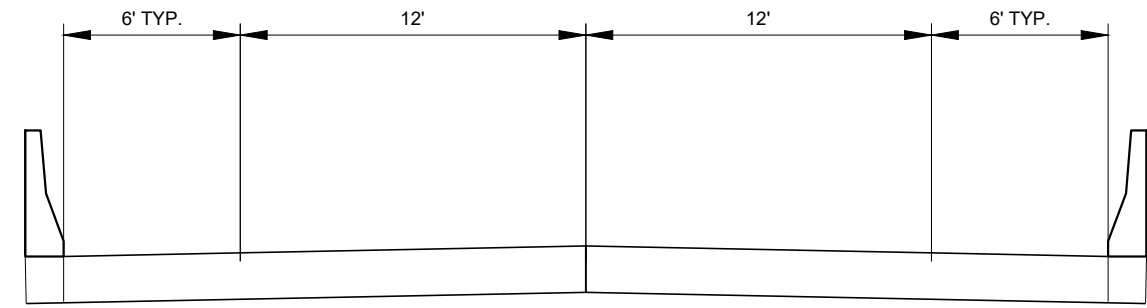
DUNN COUNTY  
 ERIK HENDRICKSON  
 715-491-0834

CHIPPEWA COUNTY  
 ERIK HENDRICKSON  
 715-491-0934

CLARK COUNTY  
 ROSS KRAUSE  
 715-577-9544

GENERAL NOTES:

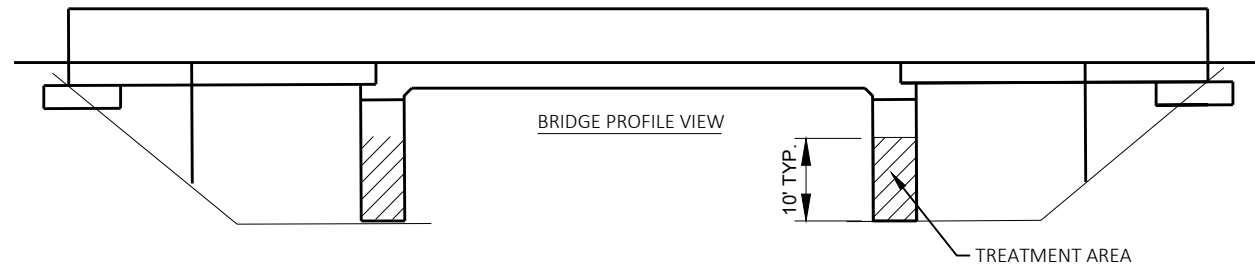
1. WORK CONSISTS OF PREPARATION OF UPPER SIDE OF THE CONCRETE DECK, PARAPET SURFACE AND PIER COLUMNS AND APPLICATION OF CONCRETE PROTECTIVE SURFACE TREATMENT IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
2. THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR WILL COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.
3. STH 29 WILL BE KEPT OPEN TO A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES.
4. LANE CLOSURES WILL ONLY BE ALLOWED DURING TIMES SPECIFIED IN THE SPECIAL PROVISIONS.
5. SIGNS AND DEVICES WILL BE IN CONFORMANCE WITH THE LATEST MANUAL OF TRAFFIC CONTROL DEVICES (WMUTCD)
6. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES WILL BE ADJUSTED TO FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.



DECK CROSS SECTION

PARAPET NOTES:

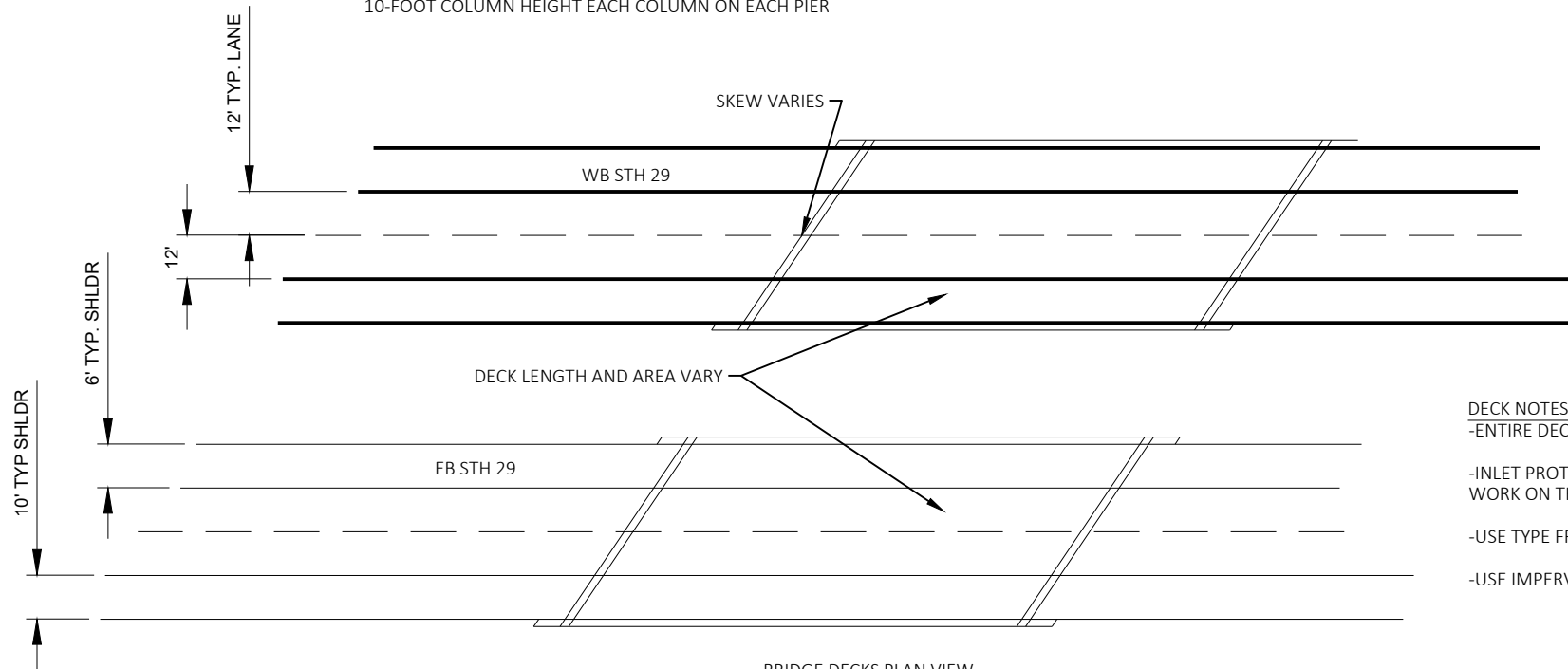
- INSIDE FACE AND TOP TO BE CLEANED AND SEALED
- TOP SURFACE TO BE ROLLED OR BRUSHED
- PARAPET TYPE AND HEIGHT VARIES
- SURFACE AREA INCLUDED IN QUANTITY SUMMARY
- AVERAGE 2' 6" HEIGHT USED FOR QUANTITY ESTIMATE



BRIDGE PROFILE VIEW

PIER COLUMN NOTES:

- PIER COLUMN SEALING ESTIMATED QUANTITY IS BASED ON A 10-FOOT COLUMN HEIGHT EACH COLUMN ON EACH PIER

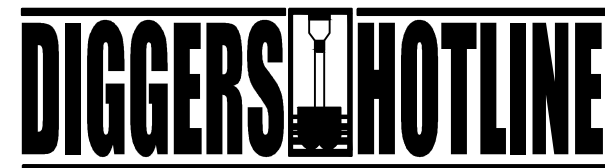


BRIDGE DECKS PLAN VIEW

STH 29 TYPICAL 4 LANE DIVIDED

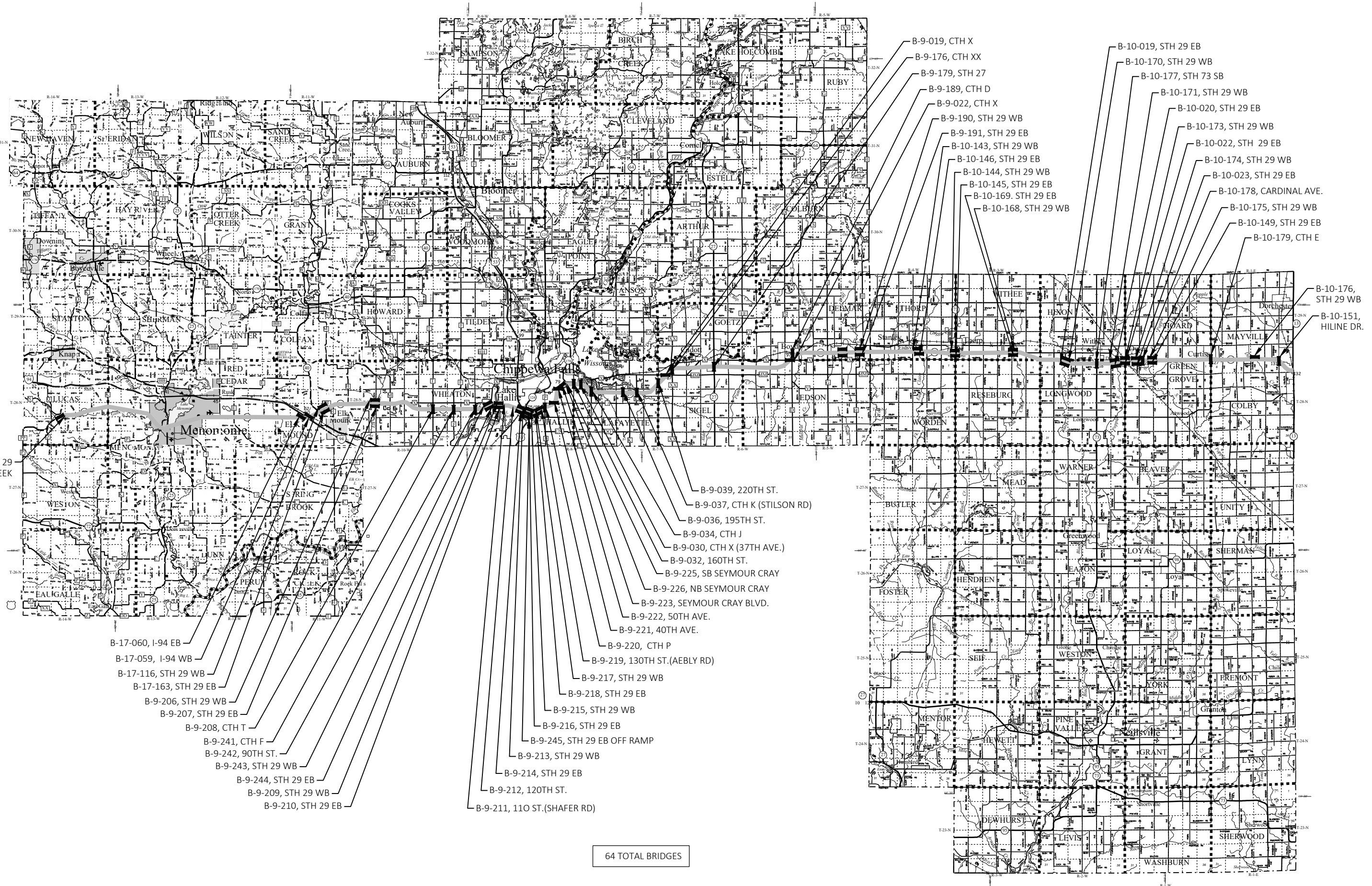
DECK NOTES:

- ENTIRE DECK SURFACE TO BE CLEANED AND SEALED
- INLET PROTECTION REQUIRED DURING CLEANING AND SEALING WORK ON THE STRUCTURES WITH FLOOR DRAINS.
- USE TYPE FF FABRIC DURING CLEANING ACTIVITIES
- USE IMPERVIOUS FABRIC DURING SEALING ACTIVITIES



Dial 811 or (800)242-8511

www.DiggersHotline.com



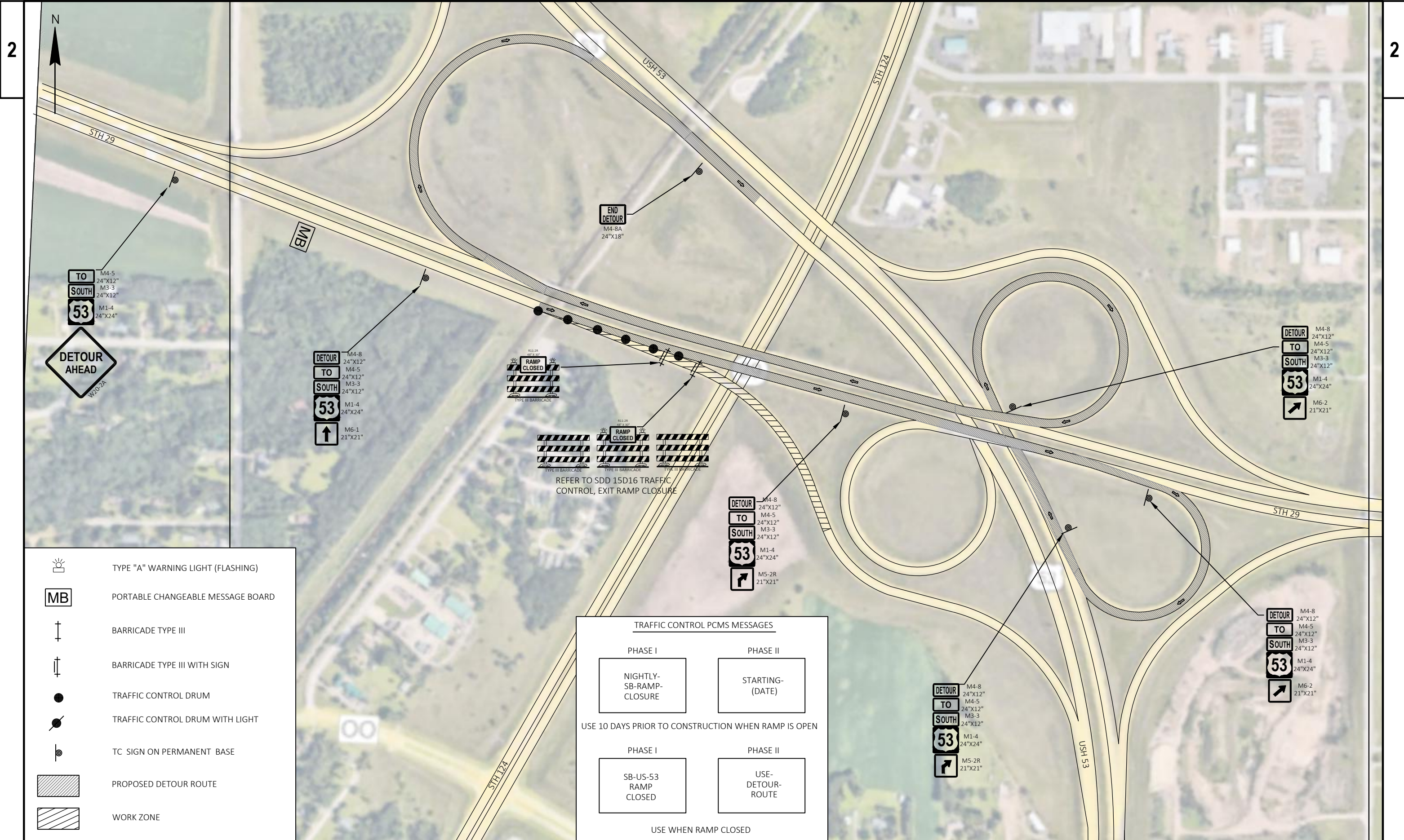
B-17-075, STH 29 AT GILBERT CREEK










- B-17-060, I-94 EB
- B-17-059, I-94 WB
- B-17-116, STH 29 WB
- B-17-163, STH 29 EB
- B-9-206, STH 29 WB
- B-9-207, STH 29 EB
- B-9-208, CTH T
- B-9-241, CTH F
- B-9-242, 90TH ST.
- B-9-243, STH 29 WB
- B-9-244, STH 29 EB
- B-9-209, STH 29 WB
- B-9-210, STH 29 EB

- B-9-039, 220TH ST.
- B-9-037, CTH K (STILSON RD)
- B-9-036, 195TH ST.
- B-9-034, CTH J
- B-9-030, CTH X (37TH AVE.)
- B-9-032, 160TH ST.
- B-9-225, SB SEYMOUR CRAY
- B-9-226, NB SEYMOUR CRAY
- B-9-223, SEYMOUR CRAY BLVD.
- B-9-222, 50TH AVE.
- B-9-221, 40TH AVE.
- B-9-220, CTH P
- B-9-219, 130TH ST.(AEBLY RD)
- B-9-217, STH 29 WB
- B-9-218, STH 29 EB
- B-9-215, STH 29 WB
- B-9-216, STH 29 EB
- B-9-245, STH 29 EB OFF RAMP
- B-9-213, STH 29 WB
- B-9-214, STH 29 EB
- B-9-212, 120TH ST.
- B-9-211, 110 ST.(SHAFER RD)

- B-9-019, CTH X
- B-9-176, CTH XX
- B-9-179, STH 27
- B-9-189, CTH D
- B-9-022, CTH X
- B-9-190, STH 29 WB
- B-9-191, STH 29 EB
- B-10-143, STH 29 WB
- B-10-146, STH 29 EB
- B-10-144, STH 29 WB
- B-10-145, STH 29 EB
- B-10-169, STH 29 EB
- B-10-168, STH 29 WB
- B-10-019, STH 29 EB
- B-10-170, STH 29 WB
- B-10-177, STH 73 SB
- B-10-171, STH 29 WB
- B-10-020, STH 29 EB
- B-10-173, STH 29 WB
- B-10-022, STH 29 EB
- B-10-174, STH 29 WB
- B-10-023, STH 29 EB
- B-10-178, CARDINAL AVE.
- B-10-175, STH 29 WB
- B-10-149, STH 29 EB
- B-10-179, CTH E
- B-10-176, STH 29 WB
- B-10-151, HILINE DR.

64 TOTAL BRIDGES



-  TYPE "A" WARNING LIGHT (FLASHING)
-  PORTABLE CHANGEABLE MESSAGE BOARD
-  BARRICADE TYPE III
-  BARRICADE TYPE III WITH SIGN
-  TRAFFIC CONTROL DRUM
-  TRAFFIC CONTROL DRUM WITH LIGHT
-  TC SIGN ON PERMANENT BASE
-  PROPOSED DETOUR ROUTE
-  WORK ZONE

**TRAFFIC CONTROL PCMS MESSAGES**

|  |   |
|--|---|
| <p>PHASE I</p> <p>NIGHTLY-SB-RAMP-CLOSURE</p>              | <p>PHASE II</p> <p>STARTING-(DATE)</p>  |
| <p>USE 10 DAYS PRIOR TO CONSTRUCTION WHEN RAMP IS OPEN</p> |   |
| <p>PHASE I</p> <p>SB-US-53 RAMP CLOSED</p>                 | <p>PHASE II</p> <p>USE-DETOUR-ROUTE</p> |
| <p>USE WHEN RAMP CLOSED</p>                                |   |

Estimate Of Quantities

1050-00-81

| Line | Item     | Item Description  | Unit | Total      | Qty        |
|------|----------|---|------|------------|------------|
| 0002 | 213.0100 | Finishing Roadway (project) 01. 1050-00-81              | EACH | 1.000      | 1.000      |
| 0004 | 502.3215 | Protective Surface Treatment Reseal                     | SY   | 34,916.000 | 34,916.000 |
| 0006 | 619.1000 | Mobilization  | EACH | 1.000      | 1.000      |
| 0008 | 628.7010 | Inlet Protection Type B                                 | EACH | 12.000     | 12.000     |
| 0010 | 643.0300 | Traffic Control Drums                                   | DAY  | 4,329.000  | 4,329.000  |
| 0012 | 643.0420 | Traffic Control Barricades Type III                     | DAY  | 22.000     | 22.000     |
| 0014 | 643.0705 | Traffic Control Warning Lights Type A                   | DAY  | 44.000     | 44.000     |
| 0016 | 643.0715 | Traffic Control Warning Lights Type C                   | DAY  | 1,102.000  | 1,102.000  |
| 0018 | 643.0800 | Traffic Control Arrow Boards                            | DAY  | 110.000    | 110.000    |
| 0020 | 643.0900 | Traffic Control Signs                                   | DAY  | 1,190.000  | 1,190.000  |
| 0022 | 643.1051 | Traffic Control Signs PCMS with Cellular Communications | DAY  | 60.000     | 60.000     |
| 0024 | 643.5000 | Traffic Control   | EACH | 1.000      | 1.000      |

PROTECTIVE SURFACE TREATMENT RESEAL

502.3215  
PROTECTIVE SURFACE  
TREATMENT RESEAL

| CAT                          | STRUCTURE ID | VILLAGE, TOWN OR CITY | FEATURE ON          | FEATURE UNDER    | SURFACE TYPE  | SY            |
|------------------------------|--------------|-----------------------|---------------------|------------------|---------------|---------------|
| <b>DUNN COUNTY</b>           |              |                       |                     |                  |               |               |
| 0010                         | B-17-0060    | TOWN OF ELK MOUND     | IH 94 EB            | USH 12-STH 29    | Bridge Column | 188           |
| 0010                         | B-17-0059    | TOWN OF ELK MOUND     | IH 94 WB            | USH 12-STH 29    | Bridge Column | 188           |
| 0010                         | B-17-0116    | TOWN OF ELK MOUND     | USH12-STH29         | UNION PACIFIC RR | Bridge Deck   | 856           |
| 0010                         | B-17-0163    | TOWN OF ELK MOUND     | USH12-STH29         | UNION PACIFIC RR | Bridge Deck   | 762           |
| <b>DUNN COUNTY TOTAL</b>     |              |                       |                     |                  |               | <b>1,994</b>  |
| <b>CHIPPEWA COUNTY</b>       |              |                       |                     |                  |               |               |
| 0010                         | B-09-0206    | TOWN OF WHEATON       | STH 29 WB           | ELK CREEK        | Bridge Deck   | 327           |
| 0010                         | B-09-0207    | TOWN OF WHEATON       | STH 29 EB           | ELK CREEK        | Bridge Deck   | 368           |
| 0010                         | B-09-0208    | TOWN OF WHEATON       | CTH T               | STH 29           | Bridge Column | 63            |
| 0010                         | B-09-0241    | TOWN OF WHEATON       | CTH F               | STH 29WB         | Bridge Column | 31            |
| 0010                         | B-09-0242    | TOWN OF WHEATON       | 90TH STREET         | STH 29           | Bridge Column | 42            |
| 0010                         | B-09-0243    | TOWN OF WHEATON       | STH 29              | 103RD STREET     | Bridge Deck   | 451           |
| 0010                         | B-09-0244    | TOWN OF WHEATON       | STH 29              | 103RD STREET     | Bridge Deck   | 451           |
| 0010                         | B-09-0209    | TOWN OF WHEATON       | STH 29              | CHIPPEWA RIVER   | Bridge Deck   | 3,719         |
| 0010                         | B-09-0210    | TOWN OF WHEATON       | STH 29              | CHIPPEWA RIVER   | Bridge Deck   | 3,099         |
| 0010                         | B-09-0211    | TOWN OF HALLIE        | 110TH ST (SHAFER RD | STH 29 WB        | Bridge Column | 31            |
| 0010                         | B-09-0212    | TOWN OF HALLIE        | 120TH ST (EMERSON I | STH 29 WB        | Bridge Column | 63            |
| 0010                         | B-09-0213    | TOWN OF HALLIE        | STH 29WB            | UP RAILROAD      | Bridge Deck   | 1,133         |
| 0010                         | B-09-0214    | TOWN OF HALLIE        | STH 29 EB           | UP RAILROAD      | Bridge Deck   | 862           |
| 0010                         | B-09-0215    | TOWN OF HALLIE        | STH 29 WB           | STH 124          | Bridge Deck   | 1,272         |
| 0010                         | B-09-0216    | TOWN OF HALLIE        | STH 29 EB           | STH 124          | Bridge Deck   | 992           |
| 0010                         | B-09-0245    | TOWN OF HALLIE        | STH 29 - OFF RAMP   | STH 124          | Bridge Deck   | 667           |
| 0010                         | B-09-0217    | TOWN OF HALLIE        | STH 29 WB           | USH 53NB         | Bridge Deck   | 2,236         |
| 0010                         | B-09-0218    | TOWN OF HALLIE        | STH 29 EB           | USH 53           | Bridge Deck   | 2,061         |
| 0010                         | B-09-0219    | TOWN OF HALLIE        | 130TH ST (AEBLY RD) | STH 29           | Bridge Column | 31            |
| 0010                         | B-09-0220    | TOWN OF HALLIE        | CTH P               | STH 29           | Bridge Column | 31            |
| 0010                         | B-09-0221    | TOWN OF HALLIE        | 40TH AVE            | STH 29           | Bridge Column | 31            |
| 0010                         | B-09-0222    | TOWN OF HALLIE        | 50TH AVE            | STH 29           | Bridge Column | 31            |
| 0010                         | B-09-0223    | TOWN OF HALLIE        | SEYMOUR CRAY SR BL  | STH 29           | Bridge Column | 63            |
| 0010                         | B-09-0225    | TOWN OF HALLIE        | SEYMOUR CRAY SR BL  | STH 29           | Bridge Column | 31            |
| 0010                         | B-09-0226    | TOWN OF HALLIE        | SEYMOUR CRAY SR BL  | STH 29WB         | Bridge Column | 31            |
| 0010                         | B-09-0032    | TOWN OF HALLIE        | 160 th St.          | STH 29           | Bridge Column | 94            |
| 0010                         | B-09-0030    | TOWN OF LAFAYETTE     | CTH X 37TH AVE      | STH 29           | Bridge Column | 94            |
| 0010                         | B-09-0034    | TOWN OF LAFAYETTE     | CTH J               | STH 29           | Bridge Column | 94            |
| 0010                         | B-09-0036    | TOWN OF LAFAYETTE     | 195TH ST.           | STH 29           | Bridge Column | 94            |
| 0010                         | B-09-0037    | TOWN OF LAFAYETTE     | CTH K STILLSON RD   | STH 29           | Bridge Column | 94            |
| 0010                         | B-09-0039    | TOWN OF LAFAYETTE     | 220TH ST.           | STH 29           | Bridge Column | 94            |
| 0010                         | B-09-0019    | TOWN OF SIGEL         | CTH X               | STH 29           | Bridge Column | 126           |
| 0010                         | B-09-0176    | TOWN OF SIGEL         | CTH XX              | STH 29           | Bridge Column | 31            |
| 0010                         | B-09-0179    | VILLAGE OF CADOTT     | STH 27              | STH 29           | Bridge Column | 126           |
| 0010                         | B-09-0022    | VILLAGE OF BOYD       | CTH X               | STH 29           | Bridge Column | 126           |
| 0010                         | B-09-0189    | VILLAGE OF BOYD       | CTH D               | STH 29           | Bridge Column | 167           |
| 0010                         | B-09-0190    | TOWN OF DELMAR        | STH 29 WB           | CTH H            | Bridge Deck   | 636           |
| 0010                         | B-09-0191    | TOWN OF DELMAR        | STH 29 EB           | CTH H            | Bridge Deck   | 636           |
| <b>CHIPPEWA COUNTY TOTAL</b> |              |                       |                     |                  |               | <b>20,529</b> |

PROTECTIVE SURFACE TREATMENT RESEAL

502.3215  
PROTECTIVE SURFACE  
TREATMENT RESEAL

| CAT                       | STRUCTURE ID | VILLAGE, TOWN OR CITY | FEATURE ON          | FEATURE UNDER         | SURFACE TYPE  | SY            |
|---------------------------|--------------|-----------------------|---------------------|-----------------------|---------------|---------------|
| <b>CLARK COUNTY</b>       |              |                       |                     |                       |               |               |
| 0010                      | B-10-0143    | TOWN OF THORP         | STH 29 WB           | N FK EAU CLAIRE RIVER | Bridge Deck   | 602           |
| 0010                      | B-10-0146    | TOWN OF THORP         | STH 29 EB           | N FK EAU CLAIRE RIVER | Bridge Deck   | 602           |
| 0010                      | B-10-0144    | TOWN OF WITHEE        | STH 29 WB           | STH 73 NB             | Bridge Deck   | 630           |
| 0010                      | B-10-0145    | TOWN OF WITHEE        | STH 29 EB           | STH 73 NB             | Bridge Deck   | 630           |
| 0010                      | B-10-0168    | TOWN OF WITHEE        | STH 29 WB-STH 73 NE | S FK EAU CLAIRE RIVER | Bridge Deck   | 460           |
| 0010                      | B-10-0169    | TOWN OF WITHEE        | STH 29 EB-STH 73 SB | S FK EAU CLAIRE RIVER | Bridge Deck   | 460           |
| 0010                      | B-10-0019    | TOWN OF LONGWOOD      | STH 29 EB-STH 73 SB | BLACK RIVER           | Bridge Deck   | 1,080         |
| 0010                      | B-10-0170    | TOWN OF LONGWOOD      | STH 29 WB-STH 73 NE | BLACK RIVER           | Bridge Deck   | 1,444         |
| 0010                      | B-10-0177    | TOWN OF LONGWOOD      | STH 73 NB           | STH 29                | Bridge Column | 126           |
| 0010                      | B-10-0020    | CITY OF OWEN          | STH 29 EB           | POPPLE RIVER          | Bridge Deck   | 781           |
| 0010                      | B-10-0171    | CITY OF OWEN          | STH 29 WB           | POPPLE RIVER          | Bridge Deck   | 865           |
| 0010                      | B-10-0022    | TOWN OF LONGWOOD      | STH 29 EB           | CTH D                 | Bridge Deck   | 586           |
| 0010                      | B-10-0173    | TOWN OF GREEN GROVE   | STH 29 WB           | CTH D                 | Bridge Deck   | 752           |
| 0010                      | B-10-0023    | TOWN OF GREEN GROVE   | STH 29 EB           | WISCONSIN CENTRAL RF  | Bridge Deck   | 748           |
| 0010                      | B-10-0174    | TOWN OF GREEN GROVE   | STH 29 WB           | WISC CENTRAL LTD RR   | Bridge Deck   | 853           |
| 0010                      | B-10-0178    | TOWN OF GREEN GROVE   | CARDINAL AVE        | STH 29                | Bridge Column | 42            |
| 0010                      | B-10-0149    | TOWN OF GREEN GROVE   | STH 29 EB           | N. FRK POPPLER RIVER  | Bridge Deck   | 525           |
| 0010                      | B-10-0175    | TOWN OF GREEN GROVE   | STH 29 WB           | N. FRK POPPLE RIVER   | Bridge Deck   | 525           |
| 0010                      | B-10-0179    | VILLAGE OF CURTISS    | CTH E               | STH 29                | Bridge Column | 84            |
| 0010                      | B-10-0017    | TOWN OF COLBY         | STH 29 EB           | DILL CREEK            | Bridge Deck   | 267           |
| 0010                      | B-10-0176    | TOWN OF COLBY         | STH 29 WB           | DILL CREEK            | Bridge Deck   | 300           |
| 0010                      | B-10-0151    | TOWN OF COLBY         | HILINE AVE          | STH 29                | Bridge Column | 31            |
| <b>CLARK COUNTY TOTAL</b> |              |                       |                     |                       |               | <b>12,393</b> |
| <b>TOTAL 0010</b>         |              |                       |                     |                       |               | <b>34,916</b> |

INLET PROTECTION TYPE B

628.7010  
INLET  
PROTECTION  
TYPE B

**NOTE:** INLET PROTECTION  
INLCUDES TWO INSTALLATIONS  
PER INLET. FIRST INSTALLATIONS  
ARE WITH TYPE FF FABRIC  
DURING DECK PREPARATION AND  
CLEANING ACTIVITIES. SECOND  
INSTALLATION IS WITH  
IMPERVIOUS FABRIC DURING  
SEALING OPEERATIONS.

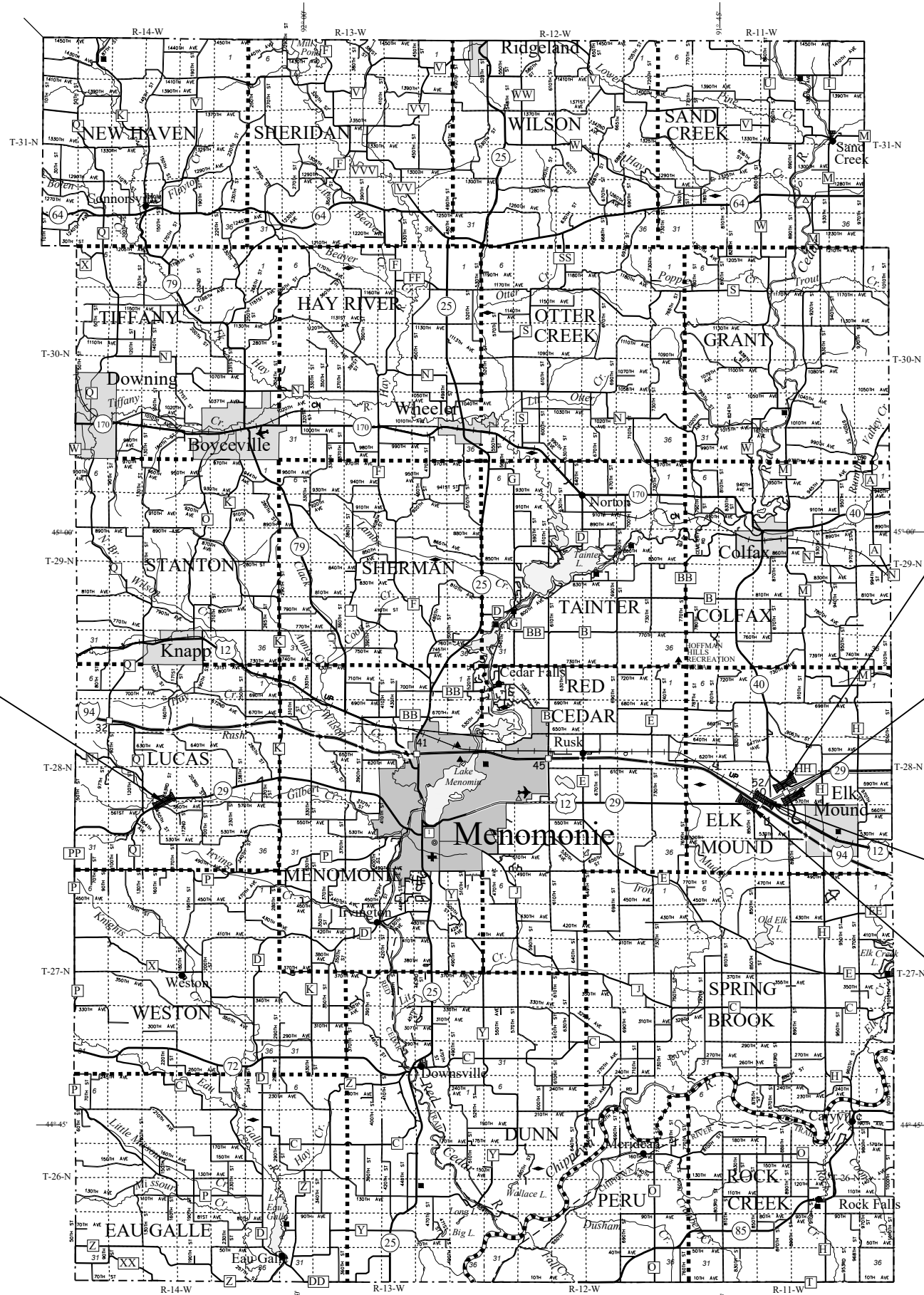
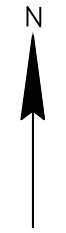
| CAT        | STRUCTURE ID | VILLAGE, TOWN OR CITY | FEATURE ON | FEATURE UNDER            | EACH |
|------------|--------------|-----------------------|------------|--------------------------|------|
| 0010       | B-10-0020    | CITY OF OWEN          | STH 29 EB  | POPPLER RIVER            | 1    |
| 0010       | B-10-0173    | TOWN OF GREEN GROVE   | STH 29 WB  | CTH D                    | 1    |
| 0010       | B-10-0023    | TOWN OF GREEN GROVE   | STH 29 EB  | WISCONSIN CENTRAL LTD RR | 6    |
| 0010       | B-10-0174    | TOWN OF GREEN GROVE   | STH 29 WB  | WISCONSIN CENTRAL LTD RR | 4    |
| TOTAL 0010 |              |                       |            |                          | 12   |

TRAFFIC CONTROL SUMMARY 1

| CAT        | COUNTY   | STRUCTURE ID | VILLAGE, TOWN OR CITY | FEATURE ON        | FEATURE UNDER | DAY   | DAY | DAY | DAY   | REMARKS                                       |
|------------|----------|--------------|-----------------------|-------------------|---------------|-------|-----|-----|-------|---|
|            |          |              |                       |                   |               | 270   |     |     | 60    |   |
| 0010       | DUNN     | VARIOUS      | TOWN OF ELK MOUND     |                   |               |       |     |     |       |   |
| 0010       | DUNN     | B-17-0060    | TOWN OF ELK MOUND     | IH 94 EB          | USH 12-STH 29 |       | 4   | 8   |       | CLOSE CHANNELIZED RT TURN LANE AT RAMP INTER. |
| 0010       | DUNN     | B-17-0059    | TOWN OF ELK MOUND     | IH 94 WB          | USH 12-STH 29 |       | 4   | 8   |       | CLOSE CHANNELIZED RT TURN LANE AT RAMP INTER. |
| 0010       | CHIPPEWA | VARIOUS      | VARIOUS               |                   |               | 2,310 |     |     | 530   |   |
| 0010       | CHIPPEWA | B-09-0245    | TOWN OF HALLIE        | STH 29 - OFF RAMP | STH 124       |       | 8   | 16  |       | CLOSE STH 29 EB TO USH 53 SB RAMP.            |
| 0010       | CHIPPEWA | B-09-0218    | TOWN OF HALLIE        | STH 29 EB         | USH 53        | 86    | 2   | 4   | 56    | ENTRANCE LANE ACROSS BRIDGE.                  |
| 0010       | CHIPPEWA | B-09-0217    | TOWN OF HALLIE        | STH 29 WB         | USH 53NB      | 83    | 2   | 4   | 54    | ENTRANCE LANE ACROSS BRIDGE.                  |
| 0010       | CHIPPEWA | B-09-0022    | VILLAGE OF BOYD       | CTH X             | STH 29        | 120   | 2   | 4   | 72    | ENTRANCE LANE TAPER FROM CTH D INTERCHANGE    |
| 0010       | CLARK    | VARIOUS      | VARIOUS               |                   |               | 1,460 |     |     | 330   |   |
| TOTAL 0010 |          |              |                       |                   |               | 4,329 | 22  | 44  | 1,102 |   |

TRAFFIC CONTROL SUMMARY 2

| CAT        | COUNTY   | STRUCTURE ID | VILLAGE, TOWN OR CITY | FEATURE ON        | FEATURE UNDER | DAY   | DAY   | DAY | EACH | FT | REMARKS                                       |
|------------|----------|--------------|-----------------------|-------------------|---------------|-------|-------|-----|------|----|---|
|            |          |              |                       |                   |               | 6.00  | 72    | 2   | 1    |    |   |
| 0010       | DUNN     | VARIOUS      | TOWN OF ELK MOUND     |                   |               |       |       |     |      |    |   |
| 0010       | DUNN     | B-17-0060    | TOWN OF ELK MOUND     | IH 94 EB          | USH 12-STH 29 |       |       | 2   |      |    | CLOSE CHANNELIZED RT TURN LANE AT RAMP INTER. |
| 0010       | DUNN     | B-17-0059    | TOWN OF ELK MOUND     | IH 94 WB          | USH 12-STH 29 |       |       | 2   |      |    | CLOSE CHANNELIZED RT TURN LANE AT RAMP INTER. |
| 0010       | CHIPPEWA | VARIOUS      | VARIOUS               |                   |               | 53.00 | 630   | 18  |      |    |   |
| 0010       | CHIPPEWA | B-09-0245    | TOWN OF HALLIE        | STH 29 - OFF RAMP | STH 124       |       |       | 4   |      |    | CLOSE STH 29 EB TO USH 53 SB RAMP.            |
| 0010       | CHIPPEWA | B-09-0218    | TOWN OF HALLIE        | STH 29 EB         | USH 53        | 6.00  | 32    | 2   | 70   |    | ENTRANCE LANE ACROSS BRIDGE.                  |
| 0010       | CHIPPEWA | B-09-0217    | TOWN OF HALLIE        | STH 29 WB         | USH 53NB      | 6.00  | 26    | 2   | 50   |    | ENTRANCE LANE ACROSS BRIDGE.                  |
| 0010       | CHIPPEWA | B-09-0022    | VILLAGE OF BOYD       | CTH X             | STH 29        | 6.00  | 26    | 2   | 275  |    | ENTRANCE LANE TAPER FROM CTH D INTERCHANGE    |
| 0010       | CLARK    | VARIOUS      | VARIOUS               |                   |               | 33.00 | 396   | 11  |      |    |   |
| TOTAL 0010 |          |              |                       |                   |               | 110   | 1,190 | 37  | 1    |    |   |



B-17-075, ON STH 29 OVER GILBERT CREEK.  
BRIDGE DECK SEALING  
FOLLOW SDD 15C12, TRAFFIC CONTROL  
FOR LANE CLOSURE WITH FLAGGING OPERATION

B-17-116, STH 29 WB OVER UNION PACIFIC RR  
BRIDGE DECK SEALING  
PERFORM HALF AT A TIME. SDD 15D43  
TRAFFIC CONTROL, SHORT DURATION  
MOBILE OPERATIONS

B-17-163, STH 29 EB OVER UNION PACIFIC RR  
BRIDGE DECK SEALING  
PERFORM HALF AT A TIME. SDD15D43  
TRAFFIC CONTROL, SHORT DURATION  
MOBILE OPERATIONS

B-17-059, I-94 WB OVER STH 29  
COLUMN SEALING  
PERFORM WITH ONE LANE CLOSED.  
SDD 15D43, TRAFFIC CONTROL SHORT  
DURATION MOBILE OPERATIONS

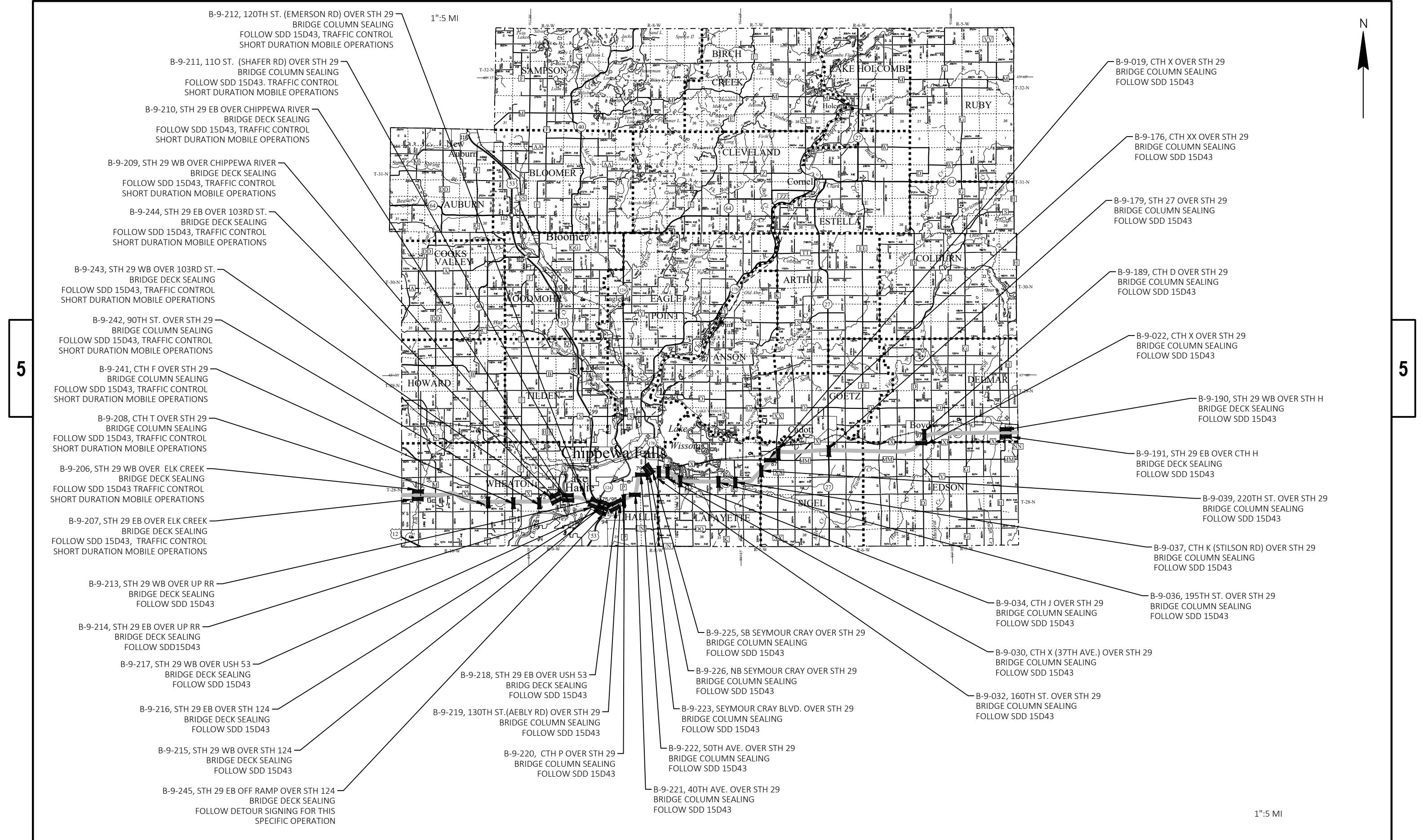
B-17-060, I-94 EB OVER STH 29  
COLUMN SEALING  
PERFORM WITH ONE LANE CLOSED.  
SDD 15D43, TRAFFIC CONTROL SHORT  
DURATION MOBILE OPERATIONS

5

5

|                        |             |                               |                  |       |   |
|------------------------|-------------|-------------------------------|------------------|-------|---|
| PROJECT NO: 1050-00-81 | HWY: STH 29 | COUNTY: DUNN, CHIPPEWA, CLARK | DUNN COUNTY PLAN | SHEET | E |
|------------------------|-------------|-------------------------------|------------------|-------|---|





5

5

|                        |             |                               |                      |       |   |
|------------------------|-------------|-------------------------------|----------------------|-------|---|
| PROJECT NO: 1050-00-81 | HWY: STH 29 | COUNTY: DUNN, CHIPPEWA, CLARK | CHIPPEWA COUNTY PLAN | SHEET | E |
|------------------------|-------------|-------------------------------|----------------------|-------|---|



B-10-143, STH 29 WB OVER N. FK EAU CLAIRE RIVER  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-146, STH 29 EB OVER N FK EAU CLAIRE RIVER  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-144, STH 29 WB OVER STH 73  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-145, STH 29 EB OVER STH 73  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-169, STH 29 EB OVER S FK EAU CLAIRE RIVER  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-168, STH 29 WB OVER S FK EAU CLAIRE RIVER  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-170, STH 29 WB OVER BLACK RIVER  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-019, STH 29 EB OVER BLACK RIVER  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-175, STH 29 WB OVER N FK POPPLER RIVER  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-179, CTH E OVER STH 29  
BRIDGE COLUMN SEALING  
FOLLOW SDD 15D43

B-10-176, STH 29 WB OVER DILL CR  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-151, HILINE DR. OVER STH 29  
BRIDGE COLUMN SEALING  
FOLLOW SDD 15D43

B-10-017, STH 29 OVER DILL CREEK  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-149, STH 29 EB OVER N FK POPLAR RIVER  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-178, CARDINAL AVE. OVER STH 29  
BRIDGE COLUMN SEALING  
FOLLOW SDD 15D43

B-10-174, STH 29 WB OVER WISCONSIN CENTRAL RR  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-023, STH 29 EB OVER WISCONSIN CENTRAL RR  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

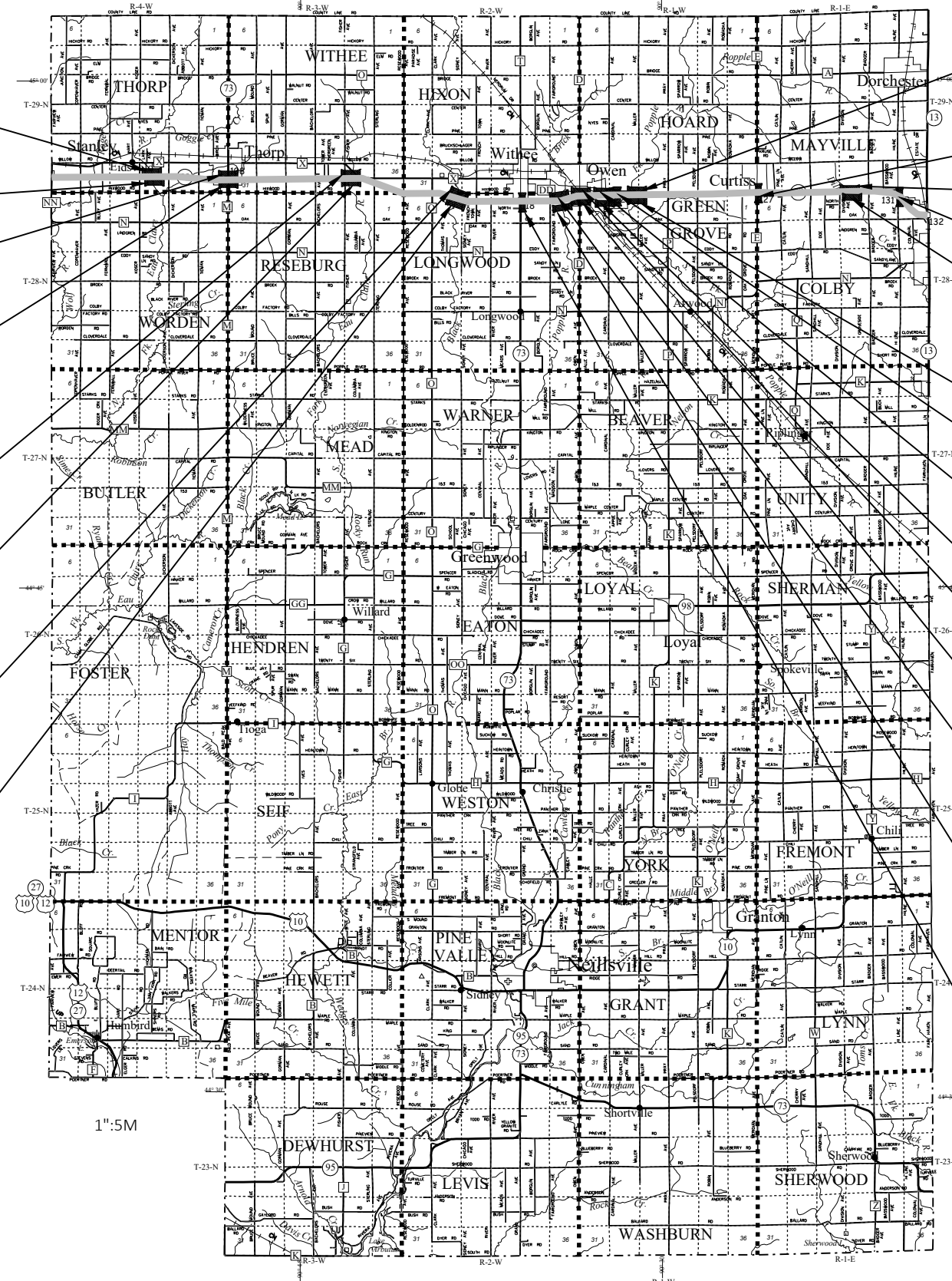
B-10-173, STH 29 WB OVER CTH D  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-022, STH 29 EB OVER CTH D  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-171, STH 29 WB OVER POPLAR RIVER  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-020, STH 29 EB OVER POPLAR RIVER  
BRIDGE DECK SEALING  
FOLLOW SDD 15D43

B-10-177, STH 73 SB OVER STH 29  
BRIDGE COLUMN SEALING  
FOLLOW SDD 15D43



5

5

1"=5M

1"=5M

|                        |             |                               |                   |       |   |
|------------------------|-------------|-------------------------------|-------------------|-------|---|
| PROJECT NO: 1050-00-81 | HWY: STH 29 | COUNTY: DUNN, CHIPPEWA, CLARK | CLARK COUNTY PLAN | SHEET | E |
|------------------------|-------------|-------------------------------|-------------------|-------|---|

FILE NAME : C:\CIVIL 3D PROJECTS\10500011\SHEETS-PLAN\10500081\_CLARK.DWG  
LAYOUT NAME - Plan 1 IN 200 FT

PLOT DATE : 4/12/2022 8:19 AM

PLOT BY : PEARSON, MICHAEL R

PLOT NAME :






PLOT SCALE : 1"=5M

WISDOT/CADD SHEET 44

## Standard Detail Drawing List

|           |  |
|-----------|--|
| 15C12-09A | TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION |
| 15D16-05  | TRAFFIC CONTROL, EXIT RAMP CLOSURE                       |
| 15D43-02  | TRAFFIC CONTROL, SHORT DURATION MOBILE OPERATIONS        |

**LEGEND**

-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  TEMPORARY PORTABLE RUMBLE STRIP ARRAY
-  DIRECTION OF TRAFFIC
-  WORK AREA
-  FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

**GENERAL NOTES**

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

**FLAGGING**

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

- ① FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.
- ② SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

**TEMPORARY PORTABLE RUMBLE STRIPS**

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

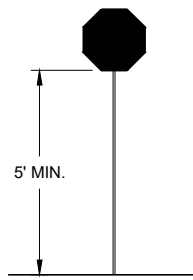
- ③ EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.



**STOP/SLOW PADDLE ON SUPPORT STAFF**

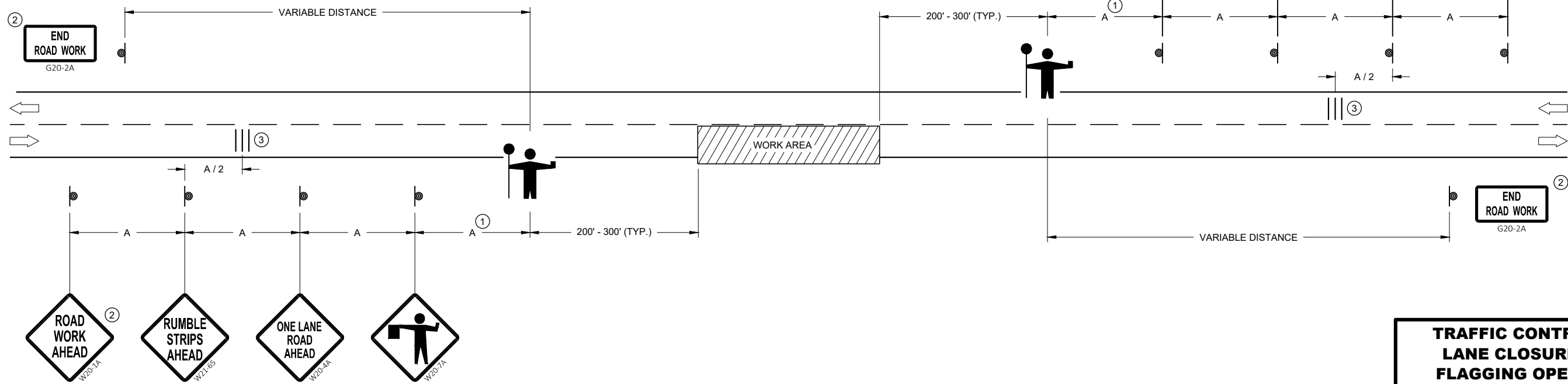
**SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE**

| SPEED LIMIT | SPACING "A" |
|-------------|-------------|
| 25-30 MPH   | 200'        |
| 35-40 MPH   | 350'        |
| 45-55 MPH   | 500'        |



W03-4

USE OF W03-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



6







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SDD 15C12 - 09a

SDD 15C12 - 09a

|   |  |
|---|--|
| <b>TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION</b> |  |
| STATE OF WISCONSIN<br>DEPARTMENT OF TRANSPORTATION              |  |
| APPROVED<br>DATE  | /S/ Andrew Heidtke<br>WORK ZONE ENGINEER |
| FHWA  |  |

**LEGEND**

-  TYPE III BARRICADE
-  TYPE III BARRICADE WITH ATTACHED SIGN
-  TRAFFIC CONTROL DRUM
-  SIGN ON PERMANENT SUPPORT
-  TYPE "A" WARNING LIGHT (FLASHING)
-  DIRECTION OF TRAFFIC

**GENERAL NOTES**

THIS RAMP CLOSURE DETAIL IS TYPICAL FOR CLOSING A RIGHT SIDE EXIT RAMP. FOR A LEFT SIDE EXIT RAMP, REVERSE THE TRAFFIC CONTROL.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

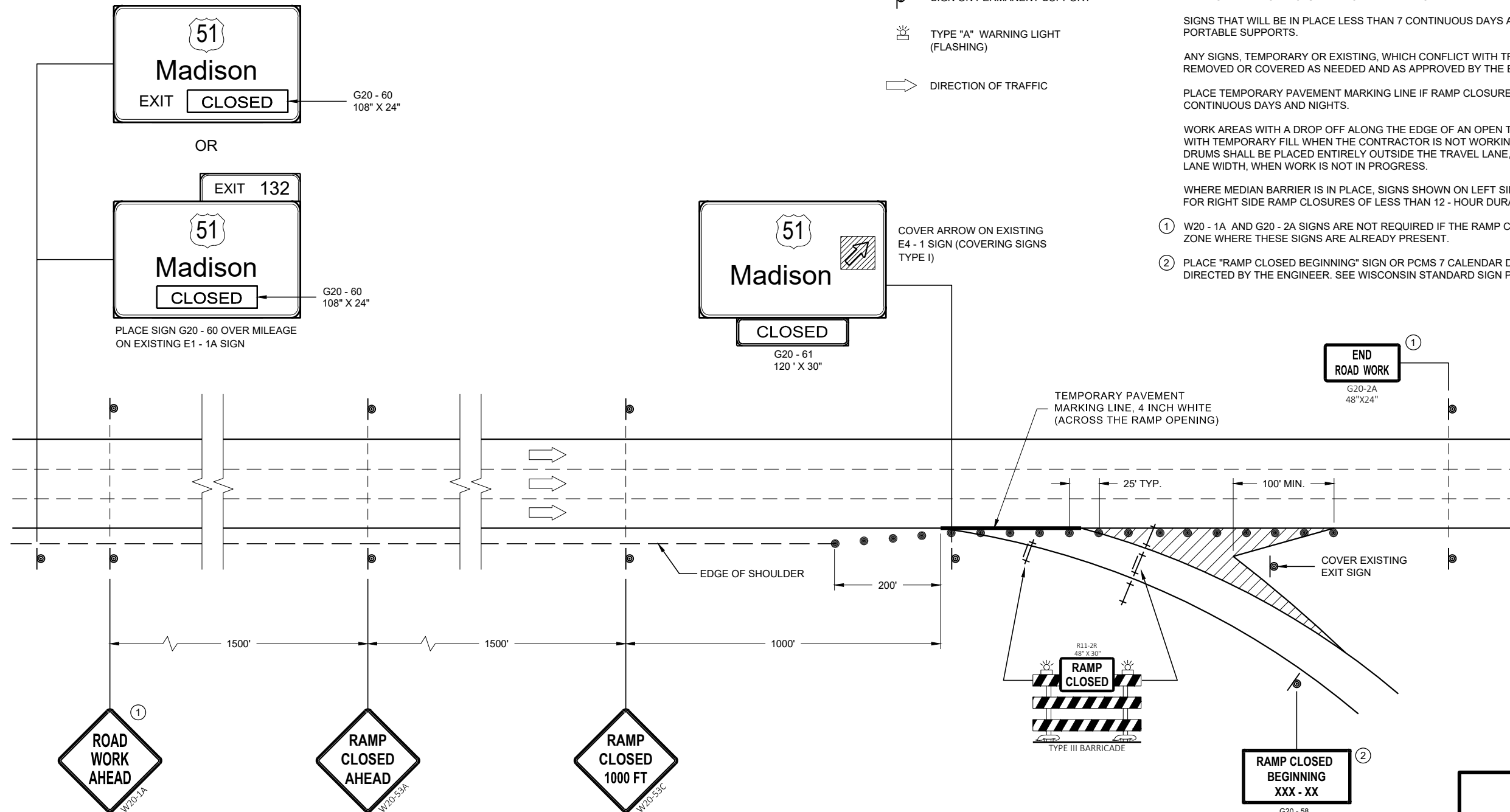
PLACE TEMPORARY PAVEMENT MARKING LINE IF RAMP CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WORK AREAS WITH A DROP OFF ALONG THE EDGE OF AN OPEN TRAVEL LANE SHALL BE LEVELED WITH TEMPORARY FILL WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE TRAVEL LANE. DRUMS SHALL BE PLACED ENTIRELY OUTSIDE THE TRAVEL LANE, ALLOWING THE FULL UNOBSTRUCTED LANE WIDTH, WHEN WORK IS NOT IN PROGRESS.

WHERE MEDIAN BARRIER IS IN PLACE, SIGNS SHOWN ON LEFT SIDE OF ROADWAY MAY BE OMITTED FOR RIGHT SIDE RAMP CLOSURES OF LESS THAN 12 - HOUR DURATION.

① W20 - 1A AND G20 - 2A SIGNS ARE NOT REQUIRED IF THE RAMP CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

② PLACE "RAMP CLOSED BEGINNING" SIGN OR PCMS 7 CALENDAR DAYS PRIOR TO CLOSURE OR AS DIRECTED BY THE ENGINEER. SEE WISCONSIN STANDARD SIGN PLATES FOR SIGN LAYOUT.



|   |                    |
|---|--------------------|
| <b>RAMP CLOSED BEGINNING<br/>XXX - XX</b> |                    |
| G20 - 58<br>OR<br>PCMS MESSAGING          |                    |
| <b>FRAME 1</b>                            | <b>FRAME 2</b>     |
| RAMP<br>TO<br>CLOSE                       | XXXDAY<br>XX XX XX |

**TRAFFIC CONTROL,  
EXIT RAMP CLOSURE**

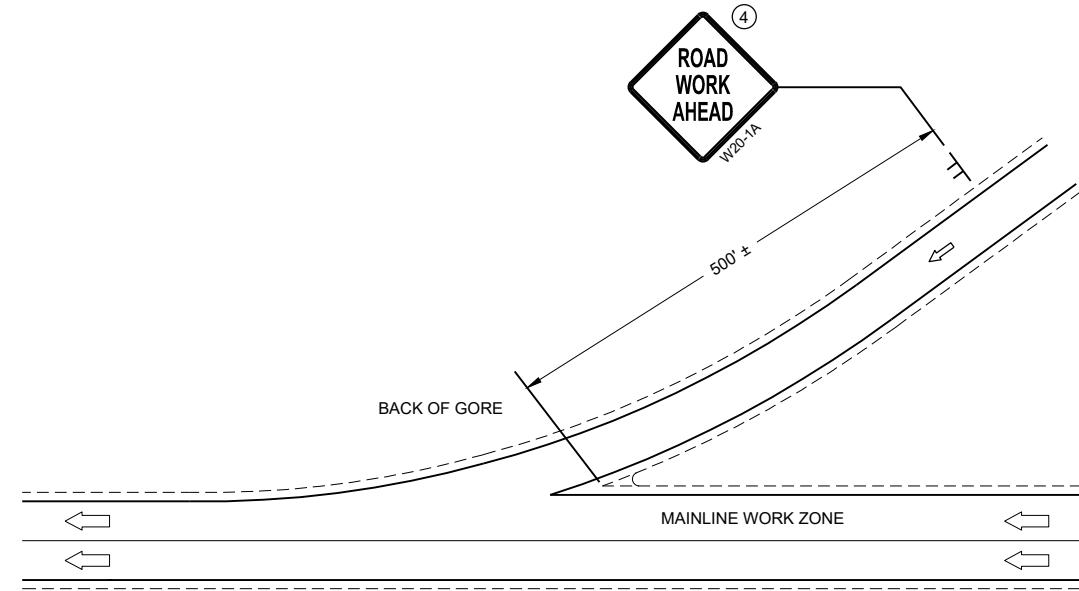
STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
February 2022 DATE /S/ Andrew Heidtke  
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

**LEGEND**

- V1 SHADOW VEHICLE 1
- V2 SHADOW VEHICLE 2
- V3 ADVANCE WARNING TRUCK
- TRAFFIC CONTROL DRUM
- ◻ TRUCK MOUNTED ATTENUATOR (TMA)
- ⊥ SIGN ON TEMPORARY SUPPORT
- ➡ DIRECTION OF TRAFFIC
- ◻ FLASHING ARROW PANEL (MERGE)
- ◻ FLASHING ARROW PANEL (CAUTION)
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- ▨ WORK AREA



**GENERAL NOTES**

SHORT DURATION IS WORK THAT OCCUPIES A LOCATION UP TO 1 HOUR.

MOBILE IS WORK THAT MOVES INTERMITTENTLY OR CONTINUOUSLY.

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

WHEN WORK ACTIVITY BLOCKS THE RIGHT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE DOUBLE ARROWS WHEN CONVOY IS IN CENTER LANE ONLY.

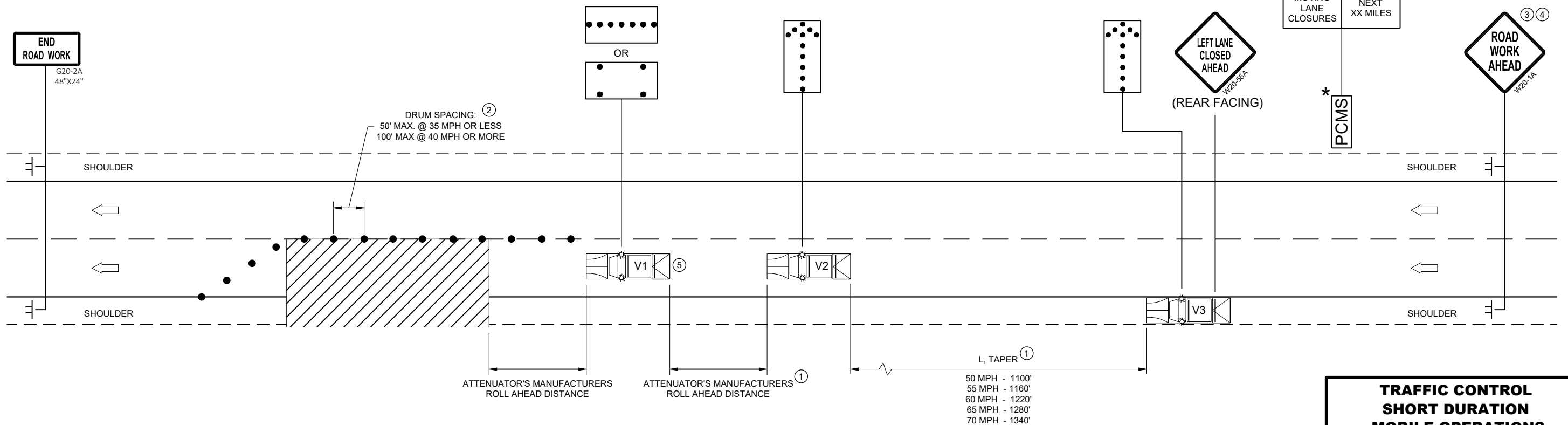
WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC

- ① DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.
- ② DRUMS ARE TO BE USED FOR BRIDGE DECK SEALING AND OTHER PROJECTS THAT REQUIRE DELINEATION.
- ③ WITHIN 5 MILES, RELOCATE SIGNS AS WORK PROGRESSES AND NECESSARY OR AS DIRECTED BY THE ENGINEER.
- ④ SIGN NOT REQUIRED IF MOVING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.
- ⑤ SHADOW VEHICLE 1 (V1) IS OPTIONAL

\* PCMS OPTIONAL

PCMS MESSAGING

| FRAME 1              | FRAME 2       |
|----------------------|---------------|
| MOVING LANE CLOSURES | NEXT XX MILES |



**TRAFFIC CONTROL  
SHORT DURATION  
MOBILE OPERATIONS**

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
August 2021 /S/ Andrew Heidtke  
DATE WORK ZONE ENGINEER

FHWA

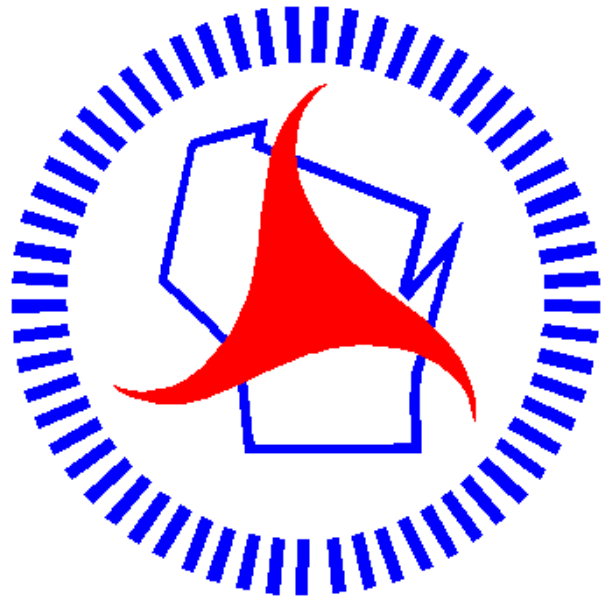
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SDD 15D43 - 02

SDD 15D43 - 02

Notes



## ***Wisconsin Department of Transportation***

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