

ORDER OF SHEETS

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

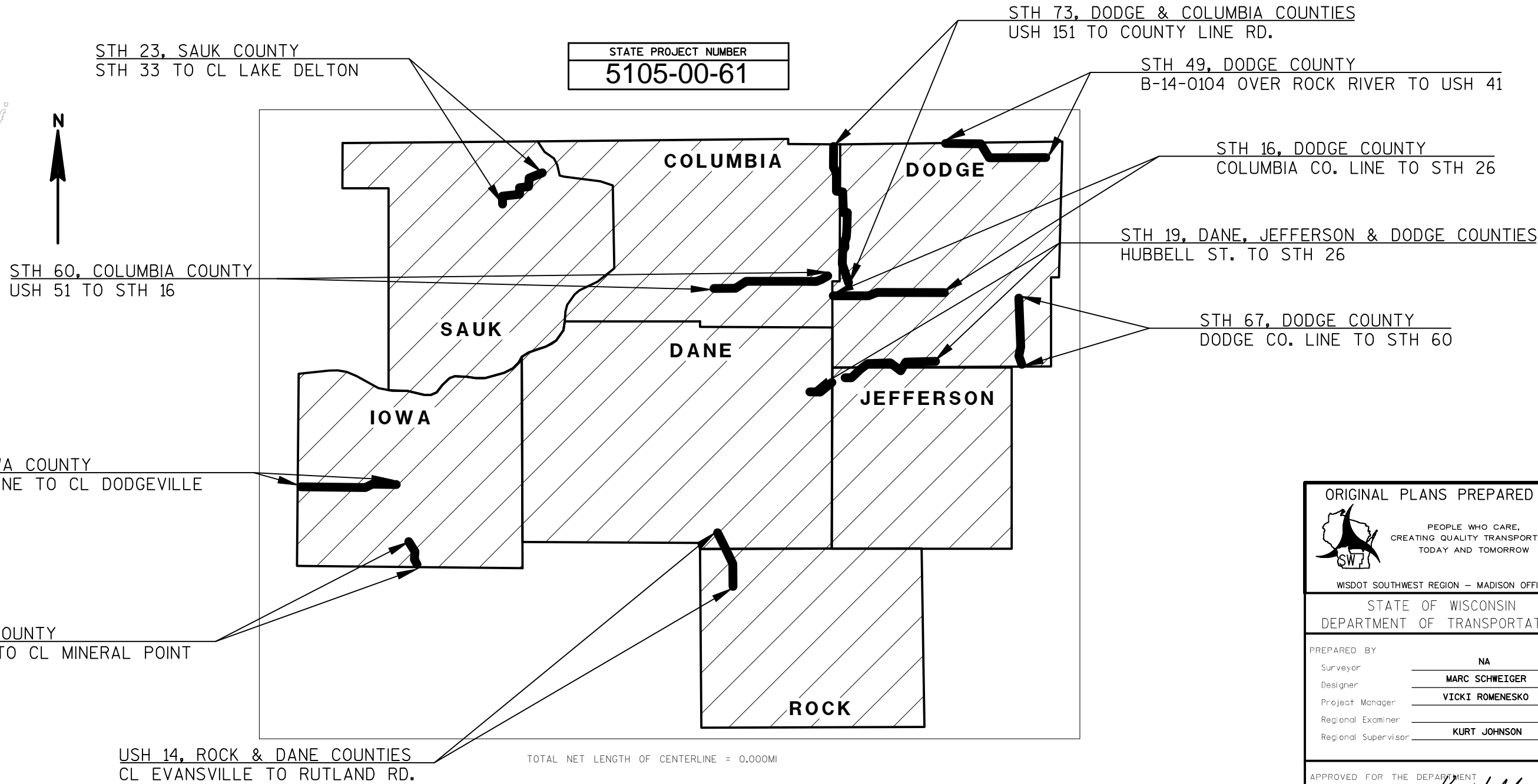
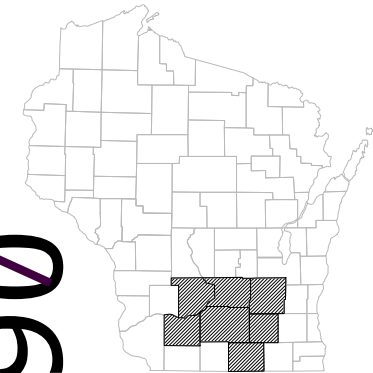
TOTAL SHEETS = 18

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT

**CONST/CRACK SEALING
VARIOUS HIGHWAYS
SW REGION WIDE**

| STATE PROJECT | FEDERAL PROJECT | |
|---------------|-----------------|----------|
| | PROJECT | CONTRACT |
| 5105-00-61 | _____ | _____ |
| | | |
| | | |
| | | |

STATE PROJECT NUMBER
5105-00-61



DESIGN DESIGNATION

- A.A.D.T. NA = NA
- A.A.D.T. NA = NA
- D.H.V. = NA
- D.D. = NA
- T. = NA
- DESIGN SPEED = NA
- ESALS = NA

ORIGINAL PLANS PREPARED BY

PEOPLE WHO CARE,
CREATING QUALITY TRANSPORTATION
TODAY AND TOMORROW

WISDOT SOUTHWEST REGION – MADISON OFFICE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

| | |
|---------------------|-----------------|
| Surveyor | NA |
| Designer | MARC SCHWEIGER |
| Project Manager | VICKI ROMENESKO |
| Regional Examiner | |
| Regional Supervisor | KURT JOHNSON |

APPROVED FOR THE DEPARTMENT

DATE: 2/24/15

(Signature)

E

GENERAL NOTES

THE ENGINEER WILL DETERMINE ANY DETAILS OF CONSTRUCTION NOT SHOWN ON THE PLAN.

ALL WASTE MATERIAL RESULTING FROM THE VARIOUS OPERATIONS UNDER THIS CONTRACT SHALL BE COLLECTED TO BE PROPERLY DISPOSED OF PRIOR TO REOPENING LANES TO TRAFFIC.

THE CONTRACTOR IS TO WORK WITH UTMOST CARE AND PROTECT ALL SURVEY MARKERS. REMOVAL OF ANY SURVEY MARKER IS TO BE WITH THE APPROVAL OF THE ENGINEER.

THE LOCATION OF EXISTING UTILITY FACILITIES LOCATED WITHIN THE PROJECT ARE NOT SHOWN ON THE PLANS.

STRUCTURES THAT HAVE A CONCRETE DECK SHALL NOT HAVE POLYMER SEALANT APPLIED TO THEM, BUT WILL HAVE THE PROJECT ENGINEER DETERMINE IF THEY WILL HAVE PAVEMENT MARKINGS APPLIED OR NOT.

UTILITIES

THERE ARE UTILITIES IN THE AREA,
BUT THE PROJECT WILL NOT
CONFLICT WITH OR IMPACT THEM.

WDNR CONTACTS

SOUTHWEST REGION OFFICE
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711

ANDY BARTA
COUNTIES: IOWA, SAUK
(608)-275-3308
andy.barta@wisconsin.gov

ERIC HEGGELUND
COUNTIES: COLUMBIA, DANE, DODGE
(608)-275-3301
eric.heggelund@wisconsin.gov

LAURA BUB
COUNTIES: JEFFERSON, ROCK
(608)-275-3485
laura.bub@wisconsin.gov

RAILROAD

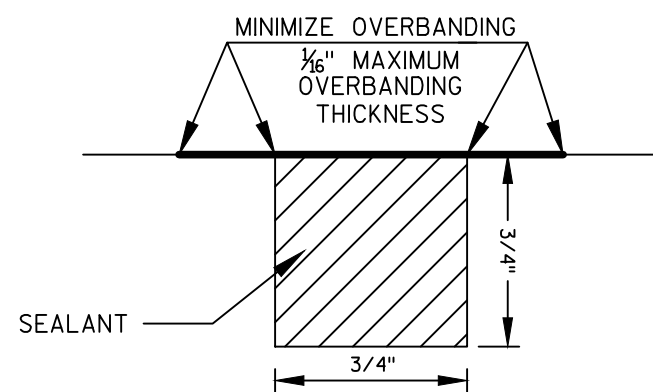
CANADIAN NATIONAL RAILROAD COMPANY
JACKIE MACEWICZ
MANAGER PUBLIC WORKS
CANADIAN NATIONAL RAILROAD
1625 DEPOT ST.
STEVENS POINT, WI 54481
(715)-345-2503

UNION PACIFIC RAILROAD COMPANY
JOHN VENICE
MANAGER SPECIAL PROJECTS
INDUSTRY & PUBLIC PROJECTS ENGINEERING
101 N. WACKER DR. - SUITE 1920
CHICAGO, IL 60606
(312)-777-2043

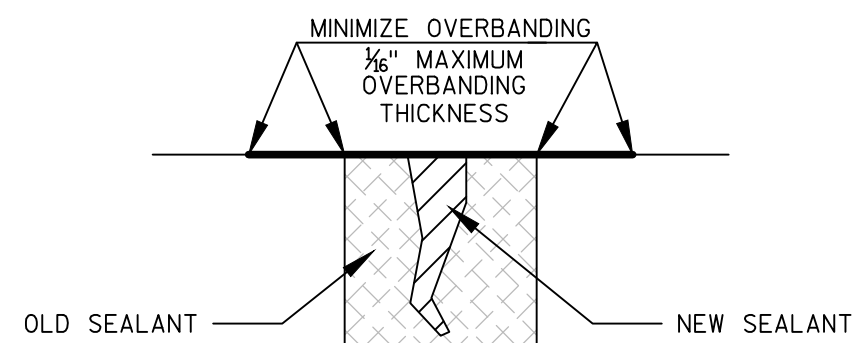
WISCONSIN & SOUTHERN RAILROAD COMPANY
ROGER SCHAALMA
SUPERINTENDENT OF MAINTENANCE OF WAY
WISCONSIN AND SOUTHERN RAILROAD CO.
1890 E. JOHNSON ST.
MADISON, WI 53704
(608)-620-2044

| | |
|--|---|
| WISDOT DESIGN PROJECT MANAGER VICKI ROMENESKO 2101 WRIGHT ST. MADISON, WI. 53704 (608) 246-5333 vicki.romenesko@dot.wi.gov | WISDOT DESIGN PROJECT LEADER MARC SCHWEIGER 2101 WRIGHT ST. MADISON, WI. 53704 (608) 245-2633 marc.schweiger@dot.wi.gov |
|--|---|

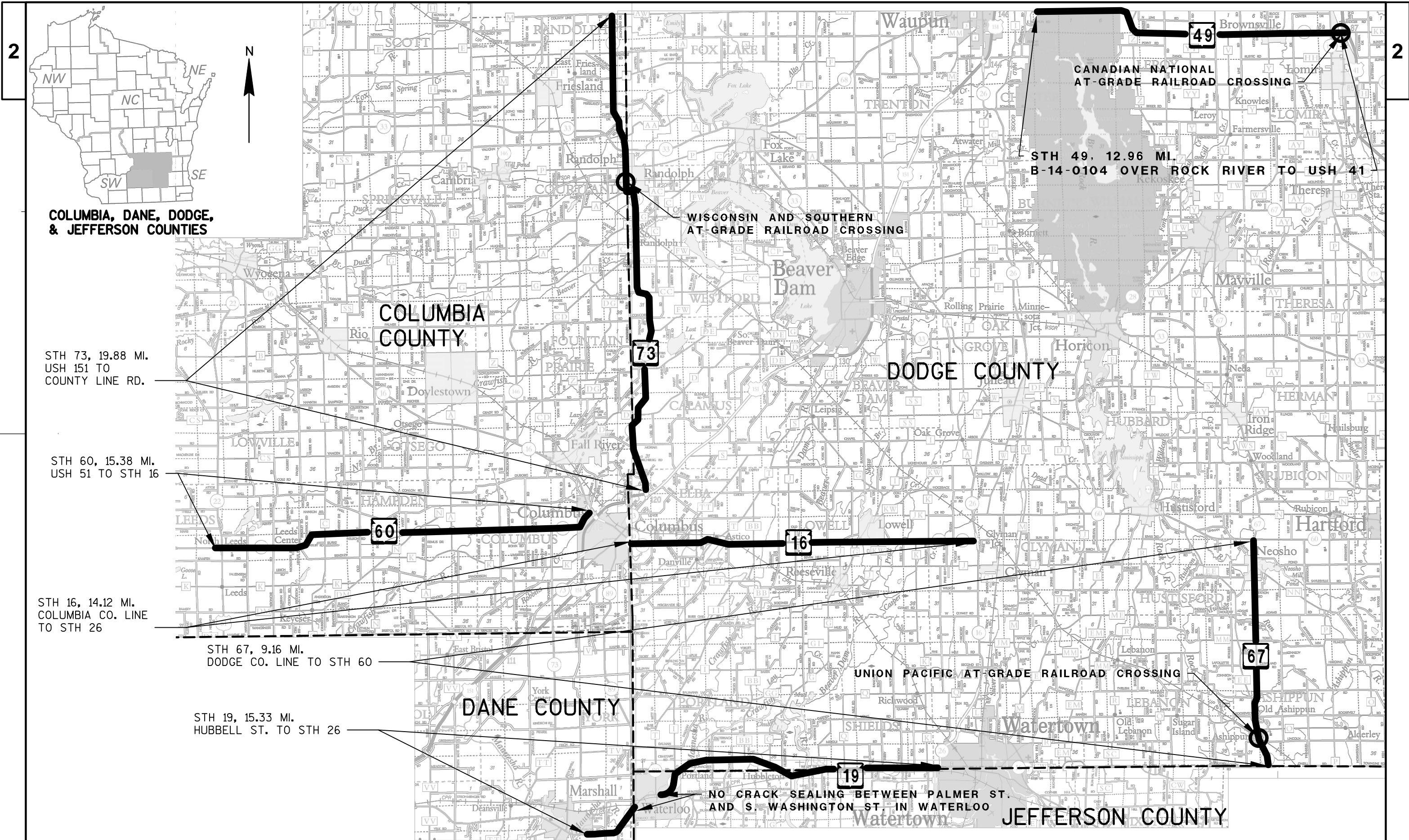


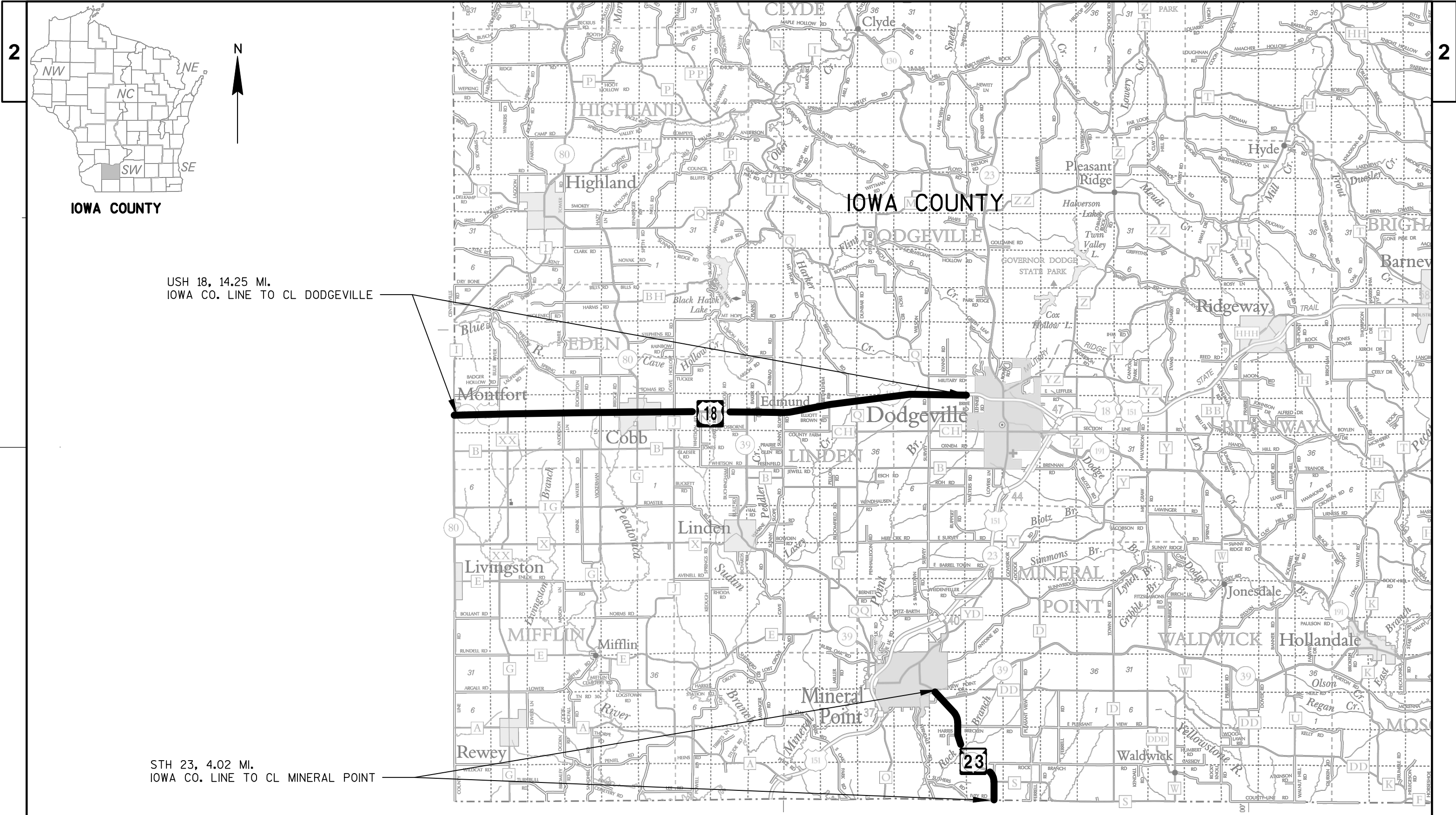


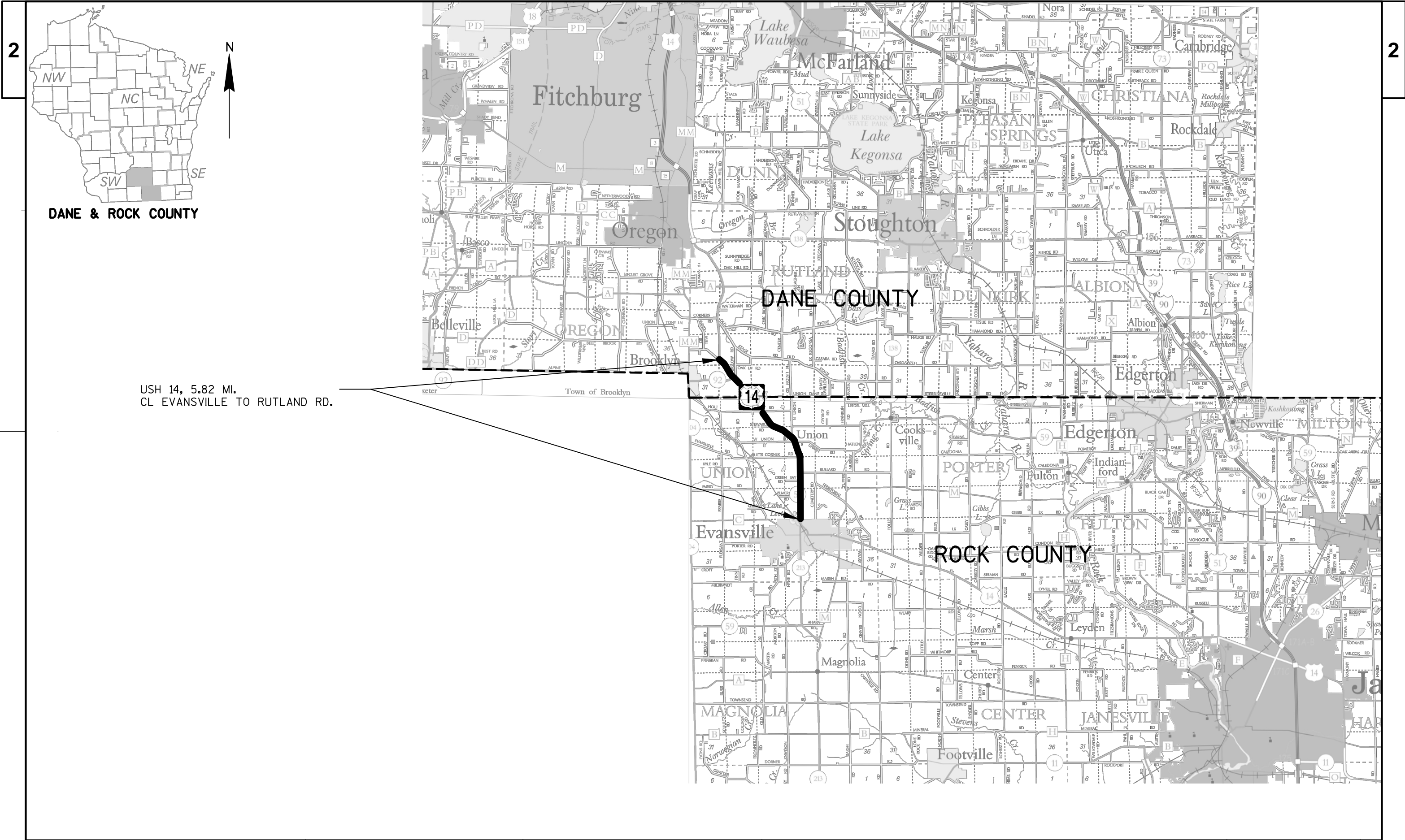
ROUT AND SEAL DETAIL
ROUT AND SEAL ALL CENTERLINE,
LONGITUDINAL, AND TRANSVERSE CRACKS
NOT PREVIOUSLY SEALED



CRACK RE-SEAL DETAIL
RE-SEAL, OR ROUT AND SEAL, PREVIOUSLY SEALED
CRACKS THAT ARE FAILING AS DIRECTED BY THE ENGINEER







PROJECT NO:5105-00-61

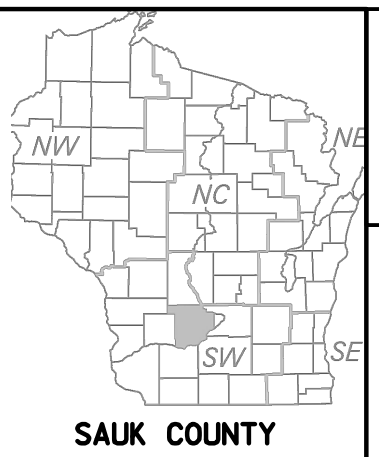
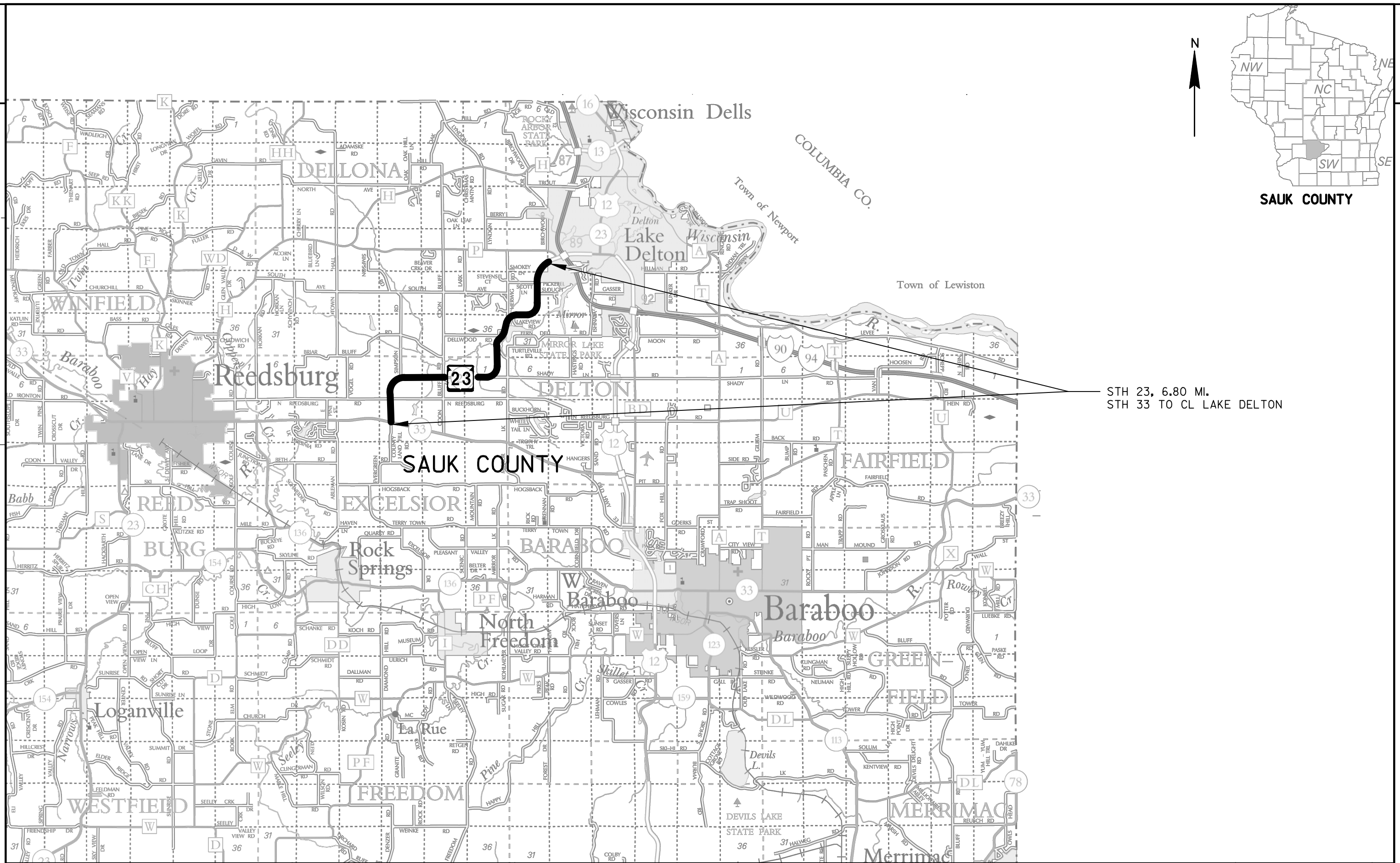
HWY:USH 14

COUNTY:ROCK, DANE

ROCK COUNTY PLAN DETAIL

SHEET

E



| | | | | | |
|-----------------------|------------|-------------|-------------------------|-------|---|
| PROJECT NO:5105-00-61 | HWY:STH 23 | COUNTY:SAUK | SAUK COUNTY PLAN DETAIL | SHEET | E |
|-----------------------|------------|-------------|-------------------------|-------|---|

| | | | | | |
|--------------|----------|--|---|---------------|---------------|
| DATE 27FEB15 | | | E S T I M A T E O F Q U A N T I T I E S | | |
| LINE | | | | | 5105-00-61 |
| NUMBER | ITEM | ITEM DESCRIPTION | UNIT | TOTAL | QUANTITY |
| 0010 | 619.1000 | Mobilization | EACH | 1.000 | 1.000 |
| 0020 | 643.0100 | Traffic Control (project) 01. | EACH | 1.000 | 1.000 |
| 0030 | 646.0103 | Pavement Marking Paint 4-Inch | LF | 1,214,788.000 | 1,214,788.000 |
| 0040 | 646.0106 | Pavement Marking Epoxy 4-Inch | LF | 693,510.000 | 693,510.000 |
| 0050 | 646.0123 | Pavement Marking Paint 8-Inch | LF | 10,750.000 | 10,750.000 |
| | | | | | |
| 0060 | 646.0126 | Pavement Marking Epoxy 8-Inch | LF | 6,890.000 | 6,890.000 |
| 0070 | 649.0100 | Temporary Pavement Marking 4-Inch | LF | 72,905.000 | 72,905.000 |
| 0080 | SPV.0125 | Special 01. Sealing Asphaltic Pavement Cracks STH 60, Columbia County | MI | 15.380 | 15.380 |
| 0090 | SPV.0125 | Special 02. Sealing Asphaltic Pavement Cracks STH 16, Dodge County | MI | 14.120 | 14.120 |
| 0100 | SPV.0125 | Special 03. Sealing Asphaltic Pavement Cracks STH 19, Dane, Jefferson & Dodge Counties | MI | 15.330 | 15.330 |
| | | | | | |
| 0110 | SPV.0125 | Special 04. Sealing Asphaltic Pavement Cracks STH 49, Dodge County | MI | 12.960 | 12.960 |
| 0120 | SPV.0125 | Special 05. Sealing Asphaltic Pavement Cracks STH 67, Dodge County | MI | 9.160 | 9.160 |
| 0130 | SPV.0125 | Special 06. Sealing Asphaltic Pavement Cracks STH 73, Dodge And Columbia Counties | MI | 19.880 | 19.880 |
| 0140 | SPV.0125 | Special 07. Sealing Asphaltic Pavement Cracks USH 18, Iowa County | MI | 14.250 | 14.250 |
| 0150 | SPV.0125 | Special 08. Sealing Asphaltic Pavement Cracks STH 23, Iowa County | MI | 4.020 | 4.020 |
| | | | | | |
| 0160 | SPV.0125 | Special 09. Sealing Asphaltic Pavement Cracks USH 14, Rock And Dane Counties | MI | 5.820 | 5.820 |
| 0170 | SPV.0125 | Special 10. Sealing Asphaltic Pavement Cracks STH 23, Sauk County | MI | 6.800 | 6.800 |

PAVEMENT MARKING

| | | 646.0103 | | 646.0123 | 646.0106 | | 646.0126 | 649.0100 | REMARKS |
|------------|----------------------------|------------------|----------|------------------|------------------|----------|------------------|--------------------|---------|
| | | PAVEMENT MARKING | | PAVEMENT MARKING | PAVEMENT MARKING | | PAVEMENT MARKING | TEMPORARY PAVEMENT | |
| | | PAINT 4-INCH | | PAINT 8-INCH | EPOXY 4-INCH | | EPOXY 8-INCH | MARKING PAINT | |
| | | (WHITE) | (YELLOW) | (WHITE) | (WHITE) | (YELLOW) | (WHITE) | 4-INCH | |
| PROJECT | LOCATION | LF | LF | LF | LF | LF | LF | LF | |
| 5105-00-61 | COLUMBIA, STH 60 | - | - | - | 162,413 | 76,889 | - | - | |
| 5105-00-61 | STH 60 AT KRONCKE RD. | - | - | - | - | - | 380 | - | |
| 5105-00-61 | STH 60 AT CTH C | - | - | - | - | - | 385 | - | |
| 5105-00-61 | STH 60 AT OLD COUNTY RD. F | - | - | - | - | - | 395 | - | |
| 5105-00-61 | STH 60 AT CTH N | - | - | - | - | - | 390 | - | |
| 5105-00-61 | STH 60 AT CTH A | - | - | - | - | - | 400 | - | |
| 5105-00-61 | STH 60 AT SCHAEFER RD. | - | - | - | - | - | 190 | - | |
| 5105-00-61 | STH 60 AT TRANSIT RD. | - | - | - | - | - | 240 | - | |
| 5105-00-61 | DODGE, STH 16 | 149,107 | 69,256 | - | - | - | - | - | |
| 5105-00-61 | STH 16 AT OXBOW RD. | - | - | 200 | - | - | - | - | |
| 5105-00-61 | STH 16 AT CTH TT | - | - | 265 | - | - | - | - | |
| 5105-00-61 | STH 16 AT WAYSIDE DRIVEWAY | - | - | 300 | - | - | - | - | |
| 5105-00-61 | STH 16 AT CTH T | - | - | 445 | - | - | - | - | |
| 5105-00-61 | STH 16 AT CTH BB | - | - | 375 | - | - | - | - | |
| 5105-00-61 | STH 16 AT WESTMOST CTH J | - | - | 235 | - | - | - | - | |
| 5105-00-61 | STH 16 AT EASTMOST CTH J | - | - | 535 | - | - | - | - | |
| 5105-00-61 | STH 16 AT CTH KW | - | - | 395 | - | - | - | - | |
| 5105-00-61 | STH 16 AT OLD 16 RD. | - | - | 200 | - | - | - | - | |
| 5105-00-61 | STH 16 AT CTH K | - | - | 200 | - | - | - | - | |
| 5105-00-61 | DODGE, STH 19 | - | - | - | 161,885 | 65,779 | - | - | |
| 5105-00-61 | STH 19 AT CTH QQ | - | - | - | - | - | 100 | - | |
| 5105-00-61 | STH 19 AT CTH Q | - | - | - | - | - | 200 | - | |
| 5105-00-61 | DODGE, STH 49 | 139,257 | 59,410 | - | - | - | - | - | |
| 5105-00-61 | STH 49 AT CTH YY | - | - | 295 | - | - | - | - | |
| 5105-00-61 | STH 49 AT EVERGREEN DR. | - | - | 100 | - | - | - | - | |
| 5105-00-61 | STH 49 AT STH 175 | - | - | 350 | - | - | - | - | |
| 5105-00-61 | DODGE, STH 67 | 96,730 | 52,116 | - | - | - | - | - | |
| 5105-00-61 | STH 67 AT EVERGREEN RD. | - | - | 220 | - | - | - | - | |
| 5105-00-61 | STH 67 AT CTH O | - | - | 300 | - | - | - | - | |
| 5105-00-61 | STH 67 AT CTH EE | - | - | 320 | - | - | - | - | |
| 5105-00-61 | STH 67 AT CTH MM | - | - | 620 | - | - | - | - | |
| 5105-00-61 | DODGE, STH 73 | 209,933 | 148,036 | - | - | - | - | - | |
| 5105-00-61 | STH 73 AT USH 151 | - | - | 200 | - | - | - | - | |
| 5105-00-61 | STH 73 AT POSER RD. | - | - | 220 | - | - | - | - | |
| 5105-00-61 | STH 73 AT KIRCHBERG RD. | - | - | 190 | - | - | - | - | |
| 5105-00-61 | STH 73 AT CTH D | - | - | 100 | - | - | - | - | |
| 5105-00-61 | STH 73 AT CTH DE | - | - | 100 | - | - | - | - | |
| 5105-00-61 | STH 73 AT CTH FW | - | - | 100 | - | - | - | - | |
| 5105-00-61 | STH 73 AT CONCORD RD. | - | - | 105 | - | - | - | - | |
| 5105-00-61 | STH 73 AT CTH CC | - | - | 105 | - | - | - | - | |
| 5105-00-61 | STH 73 AT HYLAND RD. | - | - | 100 | - | - | - | - | |
| 5105-00-61 | STH 73 AT CTH CD | - | - | 90 | - | - | - | - | |
| 5105-00-61 | STH 73 AT CTH G | - | - | 110 | - | - | - | - | |
| 5105-00-61 | STH 73 AT COMMERCE CT. | - | - | 190 | - | - | - | - | |
| 5105-00-61 | STH 73 AT CTH AC | - | - | 205 | - | - | - | - | |
| 5105-00-61 | STH 73 AT STH 33 | - | - | 800 | - | - | - | - | |
| 5105-00-61 | STH 73 AT CTH AA | - | - | 410 | - | - | - | - | |
| 5105-00-61 | STH 73 AT CTH F | - | - | 100 | - | - | - | - | |
| 5105-00-61 | STH 73 AT BLANCAE RD. | - | - | 305 | - | - | - | - | |
| 5105-00-61 | STH 73 AT COUNTY LINE RD. | - | - | 350 | - | - | - | - | |

CONTINUED ON FOLLOWING SHEET.

| PAVEMENT MARKING | | | | | | | | | | | |
|------------------|----------------------------|------------------|----------|------------------|--|------------------|----------|------------------|--|--------------------|-------------|
| | | 646.0103 | | 646.0123 | | 646.0106 | | 646.0126 | | 649.0100 | |
| | | PAVEMENT MARKING | | PAVEMENT MARKING | | PAVEMENT MARKING | | PAVEMENT MARKING | | TEMPORARY PAVEMENT | |
| | | PAINT 4-INCH | | PAINT 8-INCH | | EPOXY 4-INCH | | EPOXY 8-INCH | | MARKING PAINT | |
| | | (WHI TE) | (YELLOW) | (WHI TE) | | (WHI TE) | (YELLOW) | (WHI TE) | | 4-INCH | |
| PROJECT | LOCATION | LF | LF | LF | | LF | LF | LF | | LF | REMARKS |
| 5105-00-61 | IOWA, USH 18 | - | - | - | | 150,480 | 76,064 | - | | - | |
| 5105-00-61 | USH 18 AT CTH XX | - | - | - | | - | - | 695 | | - | |
| 5105-00-61 | USH 18 AT ANDERSON LN. | - | - | - | | - | - | 110 | | - | |
| 5105-00-61 | USH 18 AT EDGINGTON RD. | - | - | - | | - | - | 250 | | - | |
| 5105-00-61 | USH 18 AT VICKERMAN RD. | - | - | - | | - | - | 105 | | - | |
| 5105-00-61 | USH 18 AT BRI DGE RD. | - | - | - | | - | - | 180 | | - | |
| 5105-00-61 | USH 18 AT CAVE HOLLOW RD. | - | - | - | | - | - | 400 | | - | |
| 5105-00-61 | USH 18 AT WHI TSON RD. | - | - | - | | - | - | 110 | | - | |
| 5105-00-61 | USH 18 AT GARD RD. | - | - | - | | - | - | 115 | | - | |
| 5105-00-61 | USH 18 AT OLSON RD. | - | - | - | | - | - | 220 | | - | |
| 5105-00-61 | USH 18 AT STH 39 | - | - | - | | - | - | 680 | | - | |
| 5105-00-61 | USH 18 AT SINBAD RD. | - | - | - | | - | - | 185 | | - | |
| 5105-00-61 | USH 18 AT SUNNY SLOPE RD. | - | - | - | | - | - | 200 | | - | |
| 5105-00-61 | USH 18 AT CTH CH | - | - | - | | - | - | 205 | | - | |
| 5105-00-61 | USH 18 AT BERG RD. | - | - | - | | - | - | 305 | | - | |
| 5105-00-61 | USH 18 AT SURVEY RD. | - | - | - | | - | - | 450 | | - | |
| 5105-00-61 | IOWA, STH 23 | 42,451 | 34,937 | - | | - | - | - | | - | |
| 5105-00-61 | STH 23 AT STH 39 | - | - | 150 | | - | - | - | | - | |
| 5105-00-61 | ROCK, USH 14 | 61,459 | 38,434 | - | | - | - | - | | - | |
| 5105-00-61 | USH 14 AT BULLARD RD. | - | - | 300 | | - | - | - | | - | |
| 5105-00-61 | USH 14 AT STH 59 | - | - | 230 | | - | - | - | | - | |
| 5105-00-61 | USH 14 AT BIGLOW RD. | - | - | 350 | | - | - | - | | - | |
| 5105-00-61 | SAUK, STH 23 | 71,808 | 41,854 | - | | - | - | - | | - | |
| 5105-00-61 | STH 23 AT N. REEDSBURG RD. | - | - | 190 | | - | - | - | | - | |
| 5105-00-61 | STH 23 AT SHADY LANE RD. | - | - | 185 | | - | - | - | | - | |
| 5105-00-61 | STH 23 AT TURTLE RD. | - | - | 210 | | - | - | - | | - | |
| SUBTOTALS | | 770,745 | 444,043 | 10,750 | | 474,778 | 218,732 | 6,890 | | - | |
| 5105-00-61 | UNDI STRI BUTED | - | - | - | | - | - | - | | 72,905 | CENTERLI NE |
| TOTAL | | 1,214,788 | | 10,750 | | 693,510 | | 6,890 | | 72,905 | |

| SPV. 0125. ## SEALING ASPHALTIC PAVEMENT CRACKS (5105-00-61) | | | | | | | |
|---|---------|-------------------------------------|---|--|-------|--|--|
| SPV. 0125. 01 SEALING ASPHALTIC PAVEMENT CRACKS, STH 60 | | | | | | | |
| COUNTY | HIGHWAY | TERMINI | SURFACE YEAR | * AVERAGE LF PER 0.1 MILE ROUT & SEAL | MI | REMARKS | |
| COLUMBIA | STH 60 | USH 51 TO STH 16 | 2001 | 1478 | 15.38 | SEE COLUMBIA & DODGE COUNTY PLAN DETAIL | |
| | | | | | 15.38 | | |
| SPV. 0125. 02 SEALING ASPHALTIC PAVEMENT CRACKS STH 16 | | | | | | | |
| COUNTY | HIGHWAY | TERMINI | SURFACE YEAR | * AVERAGE LF PER 0.1 MILE ROUT & SEAL | MI | REMARKS | |
| DODGE | STH 16 | COLUMBIA COUNTY LINE TO STH 26 | 2005 | 244 | 14.12 | SEE COLUMBIA & DODGE COUNTY PLAN DETAIL | |
| | | | | | 14.12 | | |
| SPV. 0125. 03 SEALING ASPHALTIC PAVEMENT CRACKS, STH 19 | | | | | | | |
| COUNTY | HIGHWAY | TERMINI | SURFACE YEAR | * AVERAGE LF PER 0.1 MILE ROUT & SEAL | MI | REMARKS | |
| DANE, JEFFERSON & DODGE | STH 19 | HUBBELL STREET TO STH 26 | 2006 | 737 | 15.33 | SEE COLUMBIA & DODGE COUNTY PLAN DETAIL | |
| | | | | | 15.33 | | |
| SPV. 0125. 04 SEALING ASPHALTIC PAVEMENT CRACKS, STH 49 | | | | | | | |
| COUNTY | HIGHWAY | TERMINI | SURFACE YEAR | * AVERAGE LF PER 0.1 MILE ROUT & SEAL | MI | REMARKS | |
| DODGE | STH 49 | B-14-0104 OVER ROCK RIVER TO USH 41 | 2013 | 359 | 12.96 | SEE COLUMBIA & DODGE COUNTY PLAN DETAIL | |
| | | | | | 12.96 | | |
| SPV. 0125. 05 SEALING ASPHALTIC PAVEMENT CRACKS, STH 67 | | | | | | | |
| COUNTY | HIGHWAY | TERMINI | SURFACE YEAR | * AVERAGE LF PER 0.1 MILE ROUT & SEAL | MI | REMARKS | |
| DODGE | STH 67 | DODGE COUNTY LINE TO STH 60 | 2011 (STH 60 TO NEOSHO) & 2000 (NEOSHO TO COUNTY LINE) | 763 | 9.16 | SEE COLUMBIA & DODGE COUNTY PLAN DETAIL | |
| | | | | | 9.16 | | |
| *FOR INFORMATION ONLY, BASED ON MEASUREMENTS TAKEN IN AUGUST 2014 | | | | | | | |
| PROJECT NO: 5105-00-61 | | HWY: VARIOUS | | COUNTY: VARIOUS | | MISCELLANEOUS QUANTITIES | |
| | | | | | | SHEET: E | |

SPV. 0125. ## SEALING ASPHALTIC PAVEMENT CRACKS (5105-00-61)

| SPV. 0125. 06 SEALING ASPHALTIC PAVEMENT CRACKS, STH 73 | | | | | | REMARKS |
|--|---------|-----------------------------|---|--|-------|--|
| COUNTY | HIGHWAY | TERMINI | SURFACE YEAR | * AVERAGE LF PER 0.1 MILE ROUT & SEAL | MI | |
| DODGE & COLUMBIA | STH 73 | USH 151 TO COUNTY LINE ROAD | 2001 (USH 151 TO MORIAH RD.) & 2006 (MORIAH RD. TO RANDOLPH) & 2003 (RANDOLPH TO COUNTY LINE RD.) | 600 | 19.88 | SEE COLUMBIA & DODGE COUNTY PLAN DETAIL |
| | | | | | 19.88 | |

| SPV. 0125. 07 SEALING ASPHALTIC PAVEMENT CRACKS, USH 18 | | | | | | REMARKS |
|--|---------|--|--------------|--|-------|-----------------------------|
| COUNTY | HIGHWAY | TERMINI | SURFACE YEAR | * AVERAGE LF PER 0.1 MILE ROUT & SEAL | MI | |
| IOWA | USH 18 | IOWA COUNTY LINE TO DODGEVILLE CITY LIMITS | 2008 | 358 | 14.25 | SEE IOWA COUNTY PLAN DETAIL |
| | | | | | 14.25 | |

| SPV. 0125. 08 SEALING ASPHALTIC PAVEMENT CRACKS, STH 23 | | | | | | REMARKS |
|--|---------|---|--------------|--|------|-----------------------------|
| COUNTY | HIGHWAY | TERMINI | SURFACE YEAR | * AVERAGE LF PER 0.1 MILE ROUT & SEAL | MI | |
| IOWA | STH 23 | IOWA COUNTY LINE TO MINERAL POINT CITY LIMITS | 2003 | 440 | 4.02 | SEE IOWA COUNTY PLAN DETAIL |
| | | | | | 4.02 | |

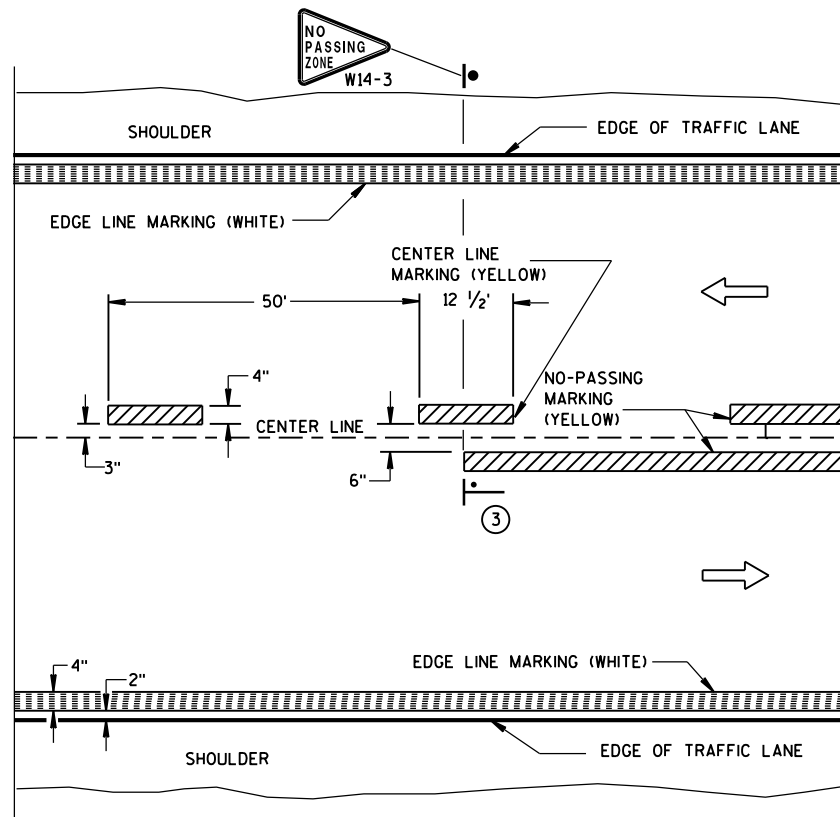
| SPV. 0125. 09 SEALING ASPHALTIC PAVEMENT CRACKS, USH 14 | | | | | | REMARKS |
|--|---------|--|--------------|--|------|-----------------------------|
| COUNTY | HIGHWAY | TERMINI | SURFACE YEAR | * AVERAGE LF PER 0.1 MILE ROUT & SEAL | MI | |
| ROCK & DANE | USH 14 | EVANSVILLE CITY LIMITS TO RUTLAND ROAD | 2008 | 652 | 5.82 | SEE ROCK COUNTY PLAN DETAIL |
| | | | | | 5.82 | |

| SPV. 0125. 10 SEALING ASPHALTIC PAVEMENT CRACKS, STH 23 | | | | | | REMARKS |
|--|---------|---|--------------|--|------|-----------------------------|
| COUNTY | HIGHWAY | TERMINI | SURFACE YEAR | * AVERAGE LF PER 0.1 MILE ROUT & SEAL | MI | |
| SAUK | STH 23 | STH 33 TO VILLAGE OF LAKE DELTON LIMITS | 2006 | 1378 | 6.80 | SEE SAUK COUNTY PLAN DETAIL |
| | | | | | 6.80 | |

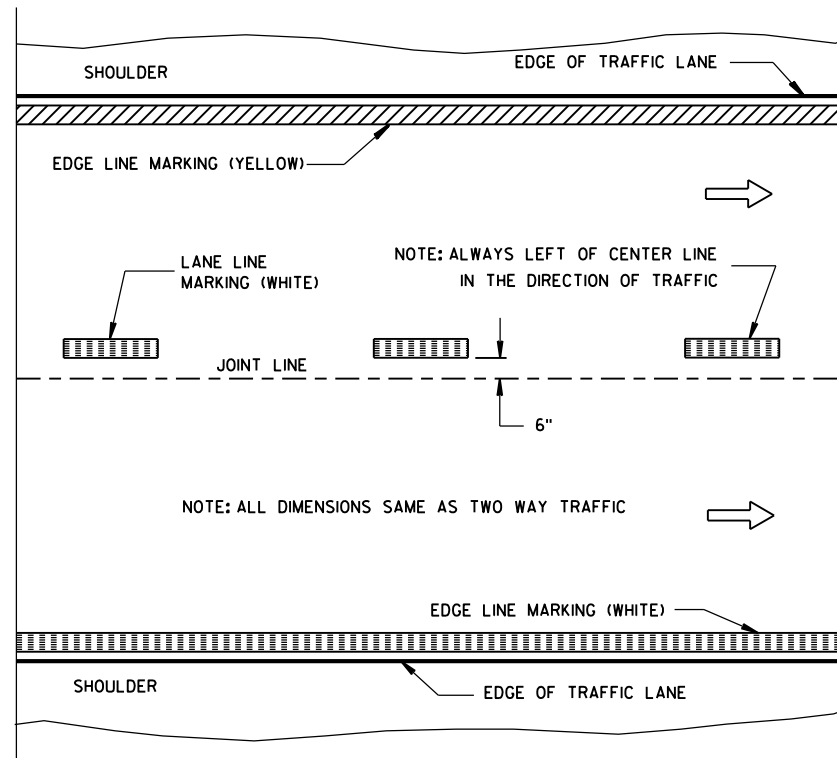
*FOR INFORMATION ONLY, BASED ON MEASUREMENTS TAKEN IN AUGUST 2014

Standard Detail Drawing List

| | |
|-----------|---|
| 15C08-16A | PAVEMENT MARKING (MAINLINE) |
| 15C08-16B | PAVEMENT MARKING (INTERSECTIONS) |
| 15C12-04 | TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS) |
| 15C19-02A | MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY |

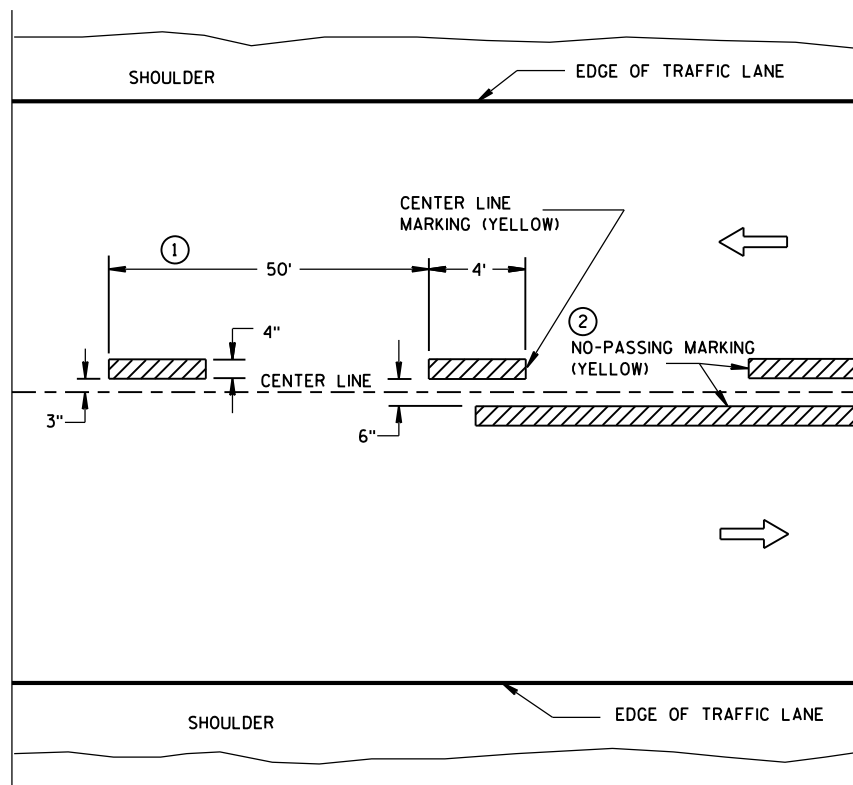


TWO WAY TRAFFIC

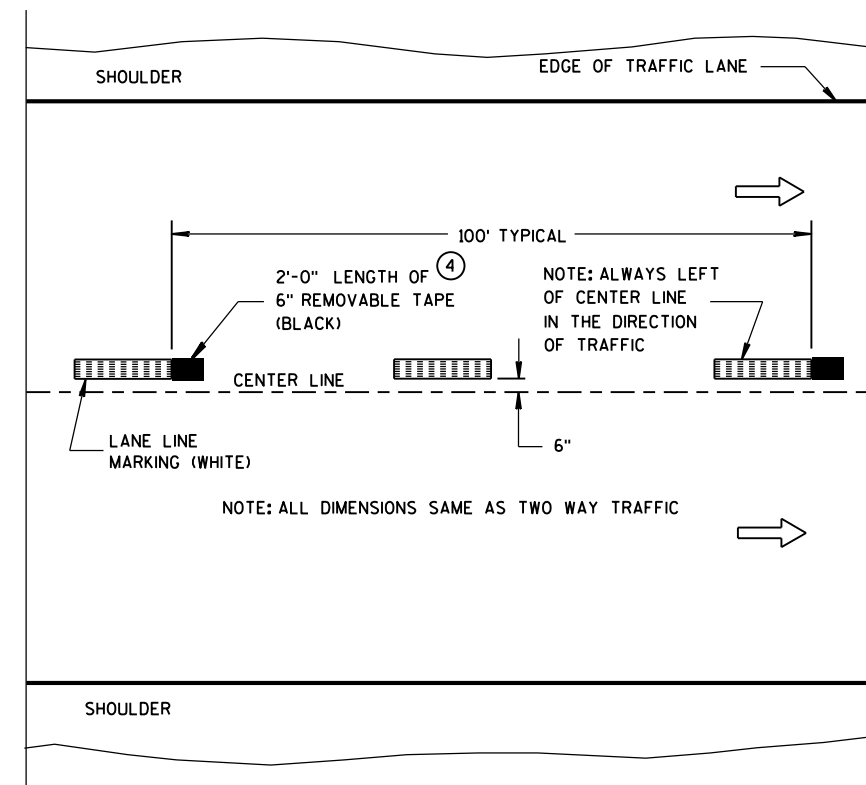


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY (INTERMEDIATE) PAVEMENT MARKING
(SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)

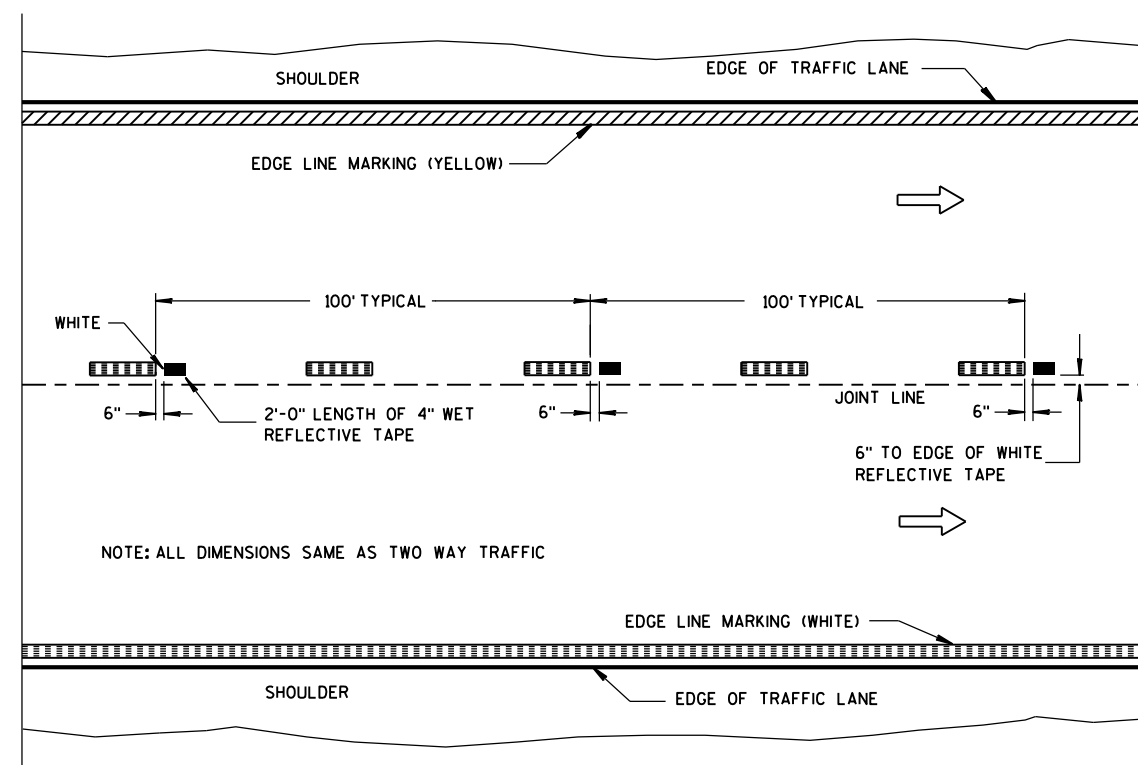
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

- ① HALF CYCLE LENGTHS (25'±) WITH 2' MINIMUM STRIPE LENGTHS SHALL BE PROVIDED ON ROADWAYS (INCLUDING TEMPORARY TRAVELED WAYS) WITH REVERSE CURVATURE, CURVATURE OF OVER 5 DEGREES OR WHEN DIRECTED BY THE ENGINEER TO MARK UNUSUAL ALIGNMENT OF THE TRAVELED WAY.
- ② NO PASSING ZONE TEMPORARY PAVEMENT MARKING IS REQUIRED TO BE PLACED, WHERE APPROPRIATE, ALONG WITH CENTERLINE TEMPORARY PAVEMENT MARKING WHEN A SAME DAY PERMANENT PAVEMENT MARKING ITEM IS INCLUDED IN THE CONTRACT.
- ③ NO PASSING ZONE MARKINGS ARE PLACED ACCORDING TO "T" MARKINGS. IF EXISTING NO PASSING ZONE W14-3 SIGNS ARE BEYOND 50 FEET IN EITHER DIRECTION, THE SIGNS SHALL BE MOVED TO THE "T" MARKINGS.
- ④ CONCRETE ONLY.

NOTE

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL



WET REFLECTIVE TAPE SUPPLEMENT TO
SPRAYED OR NON WET REFLECTIVE TAPE LANE LINE

LEGEND

- "T" MARKING
- POST MOUNTED SIGN

PAVEMENT MARKING
(MAINLINE)

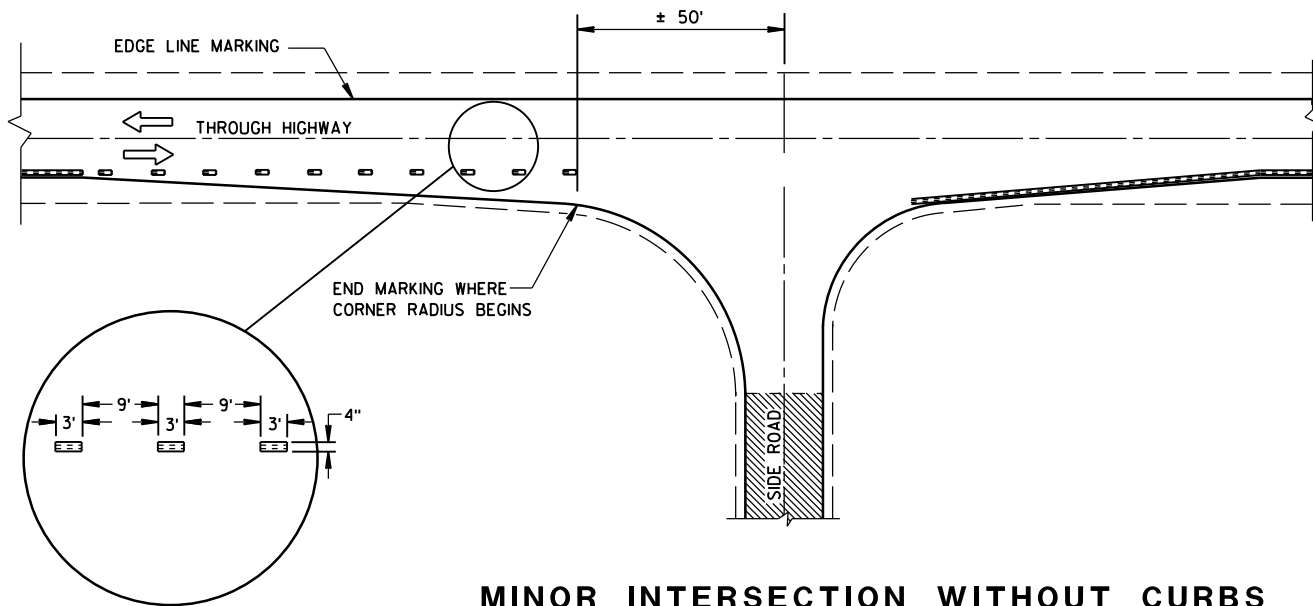
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

5-13-2013
DATE

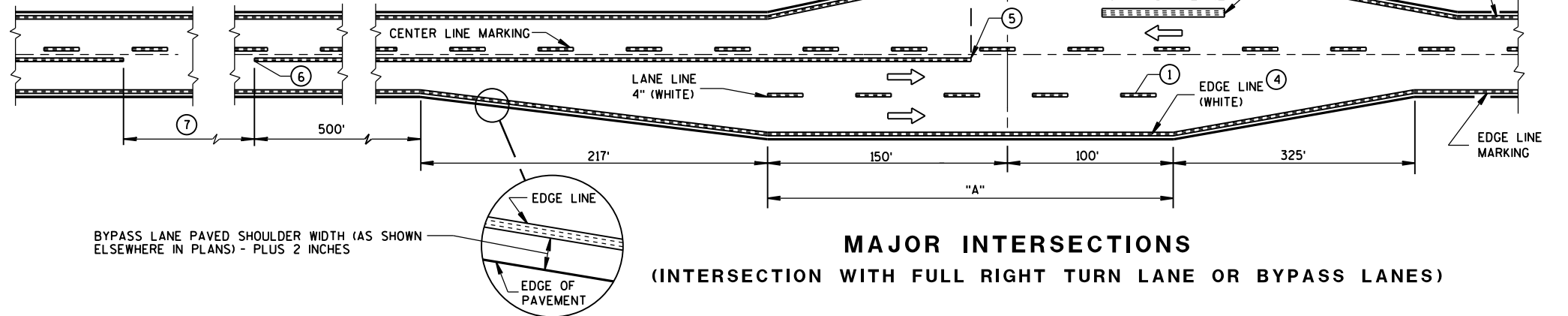
FHWA

/S/ Travis Feltes
STATE TRAFFIC ENGINEER



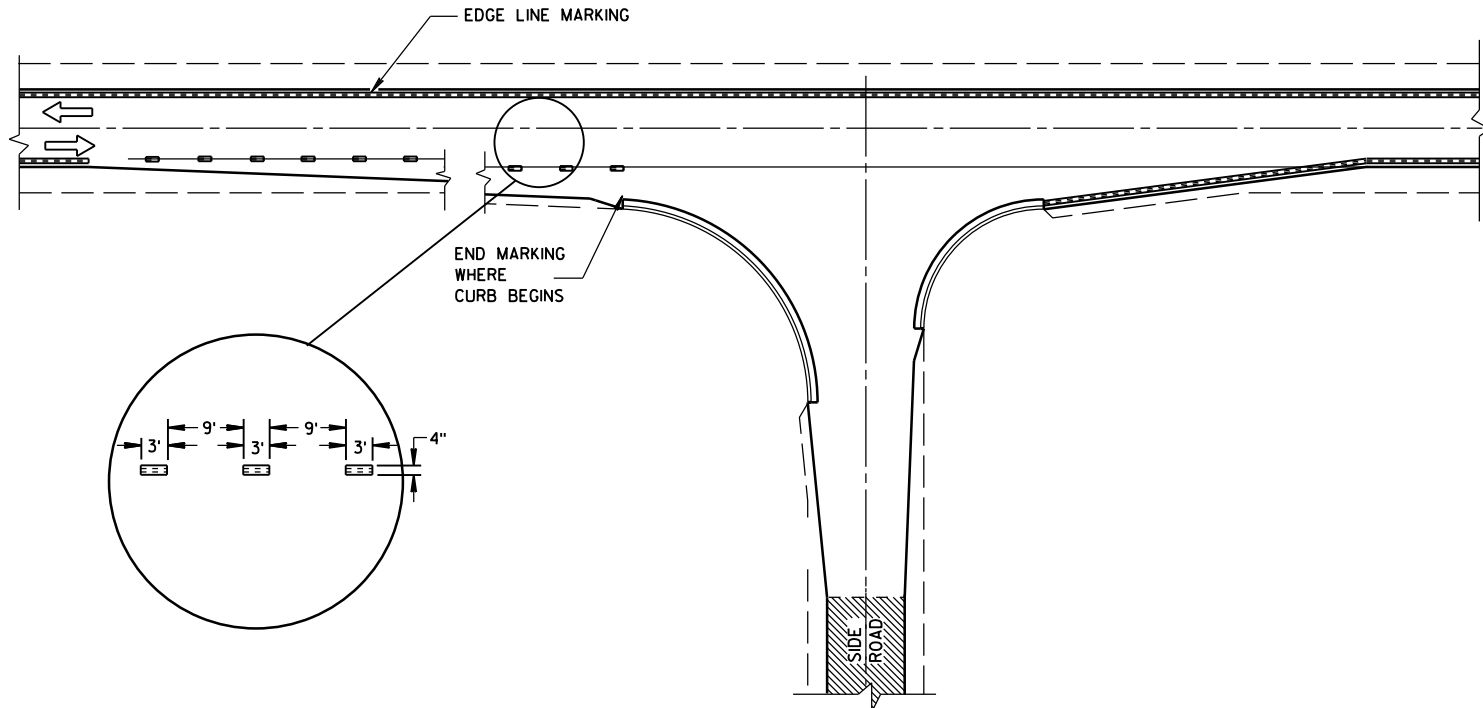
MINOR INTERSECTION WITHOUT CURBS

| POSTED SPEED (MPH) | MINIMUM DISTANCE BETWEEN ZONES (FEET) |
|--------------------|---------------------------------------|
| 25 - 30 | 528 |
| 35 - 40 | 528 |
| 45 - 50 | 686 |
| 55 | 792 |

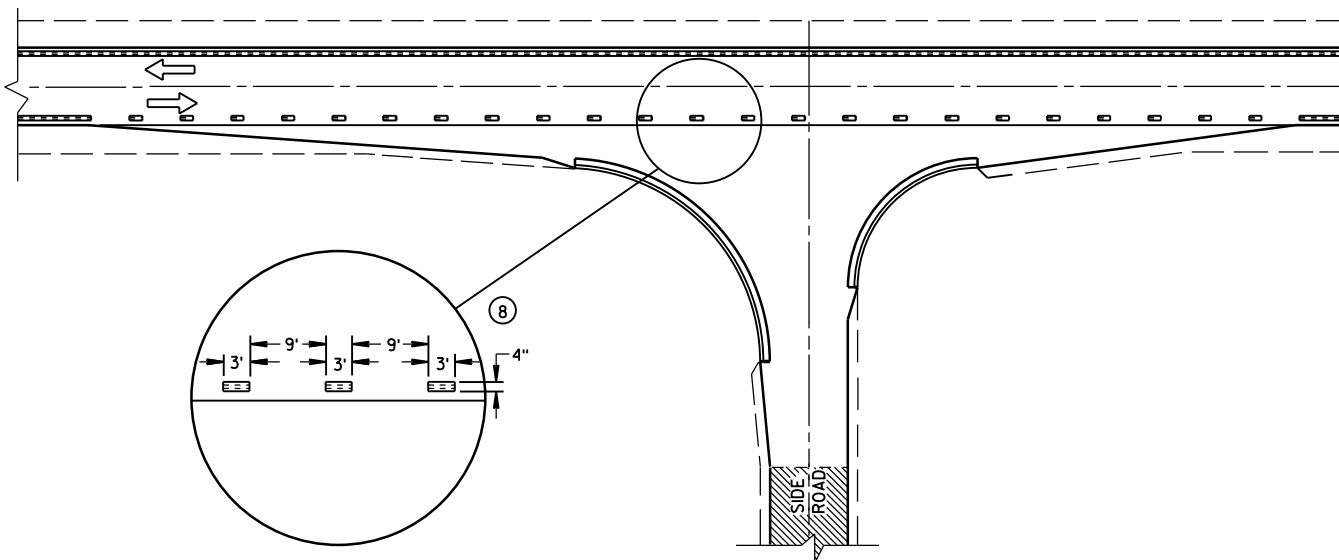


MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANES)



MINOR INTERSECTION WITH CURBS
(TYPICAL MARKING)



MINOR INTERSECTION WITH CURBS
(FOR SPECIAL CONDITIONS AS SPECIFIED)





GENERAL NOTES

- EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.
- 1 WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
 - 2 WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
 - 3 ALTERNATIVE MARKING SHALL BE PROVIDED WHEN SPECIFIED IN THE CONTRACT. TYPICAL SITUATIONS WHERE THIS MARKING MAY BE REQUIRED ARE WHERE THE INTERSECTION IS ON A SHARP HORIZONTAL CURVE OR CREST VERTICAL CURVE IN AN UNLIGHTED AREA SUCH THAT THE EDGE LINE MAY BE MISLEADING TO THE MOTORIST OR DISAPPEAR FROM SIGHT.
 - 4 THE EDGE LINE IN THE TAPER AREAS OF THE BYPASS LANE AND THE BYPASS LANE SHALL BE LOCATED 1-FOOT FROM EDGE OF PAVEMENT TO THE OUTSIDE EDGE OF EDGE LINE.
 - 5 BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.
 - 6 BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
 - 7 IF THE DISTANCE BETWEEN 2 SUCCESSIVE NO-PASSING ZONES IS LESS THAN THE MINIMUM DISTANCE BETWEEN ZONES, CONNECT THE 2 ZONES.
 - 8 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL

PAVEMENT MARKING
(INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

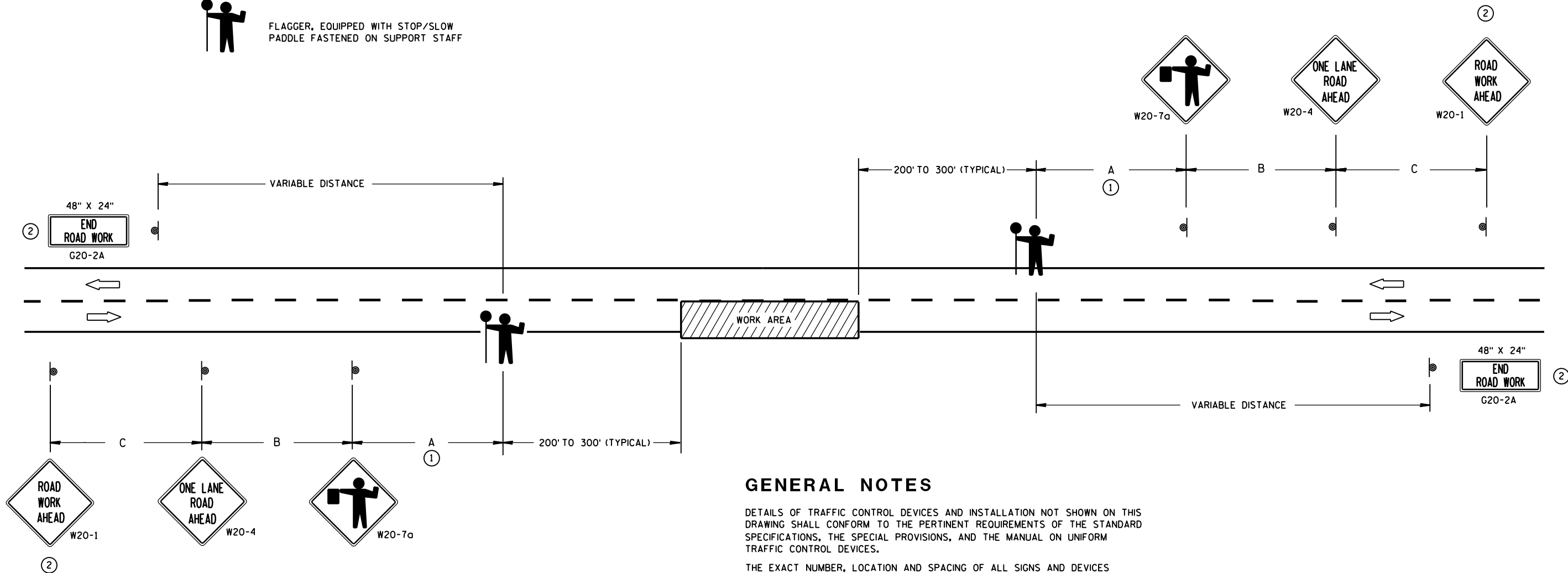
-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  DIRECTION OF TRAFFIC
-  WORK AREA
-  FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SIGN SPACING TABLE

| SPEED LIMIT | SIGN SPACING A,B,C |
|-------------|-----------------------|
| 25-35 MPH | 200' |
| 35-40 MPH | 350' |
| 45-55 MPH | 500' |



USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



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.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE 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.

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, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.

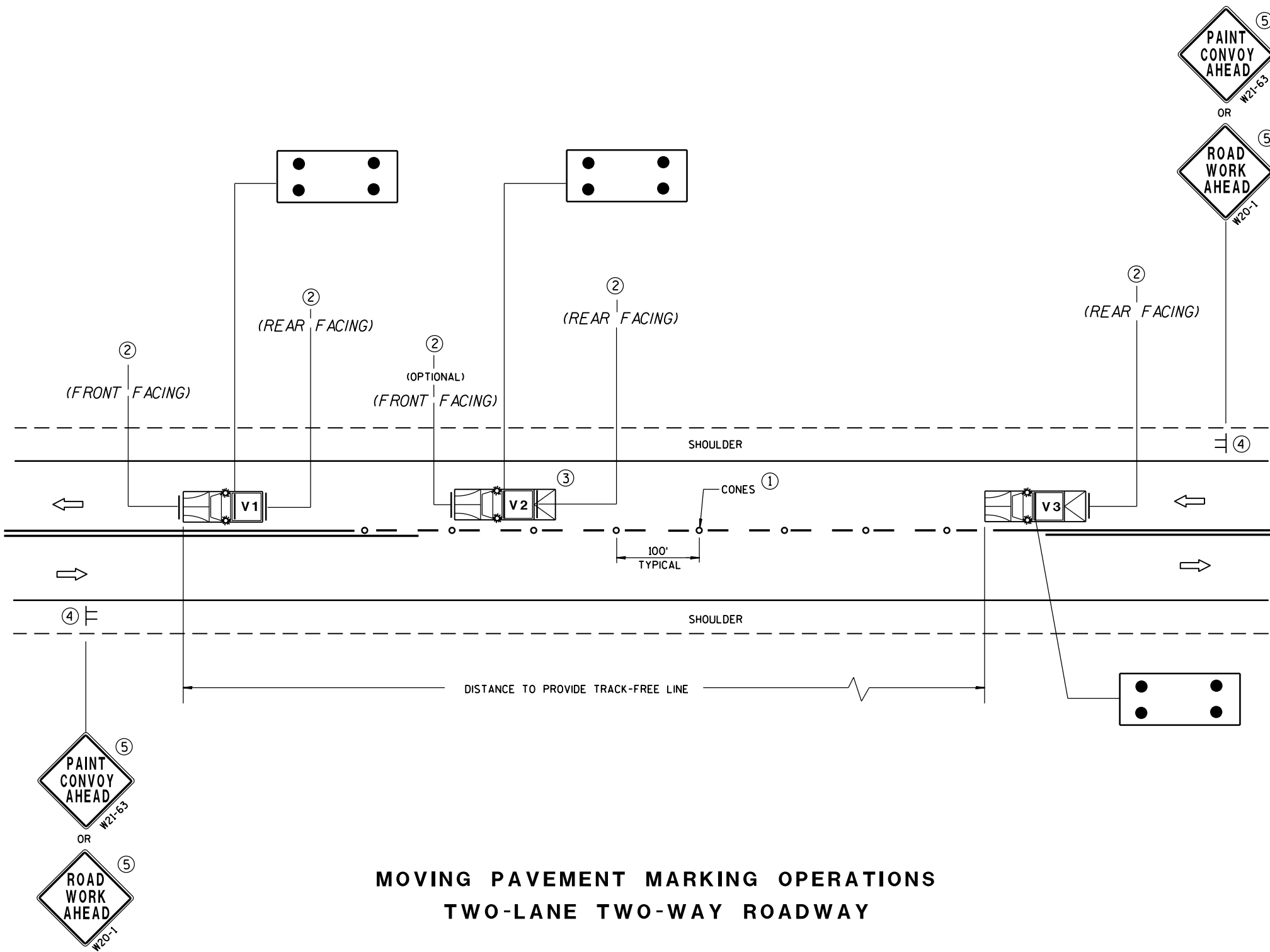
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

- ① FOR A MOVING WORK OPERATION, SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT 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.

TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8/2013 /S/ Travis Feltes
DATE STATE TRAFFIC ENGINEER OF DESIGN
FHWA



MOVING PAVEMENT MARKING OPERATIONS
TWO-LANE TWO-WAY ROADWAY

GENERAL NOTES

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

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

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

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.



ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, 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 OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.





THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE MARKING.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

- ① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.
- ② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.
 OR 
W21-64 W21-64
- ③ OPTIONAL TRUCK-MOUNTED ATTENUATOR.
- ④ SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.
- ⑤ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

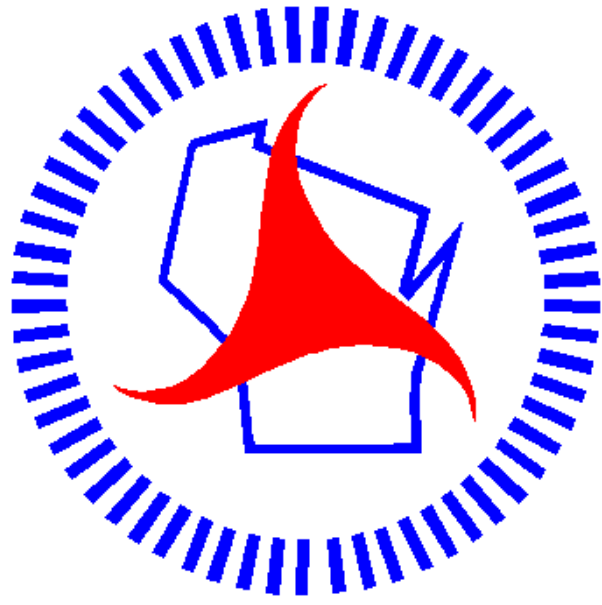
LEGEND

- V1 LEAD VEHICLE
- V2 SHADOW VEHICLE
- V3 TRAIL VEHICLE WITH TMA
- TMA TRUCK-MOUNTED ATTENUATOR
-  SIGN ON TEMPORARY SUPPORT
-  DIRECTION OF TRAFFIC
-  CONES
-  FLASHING ARROW PANEL (CAUTION)

MOVING PAVEMENT MARKING
OPERATION
TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
5/3/2013 /S/ Travis Feltes
DATE STATE TRAFFIC ENGINEER
FHWA



Wisconsin Department of Transportation

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