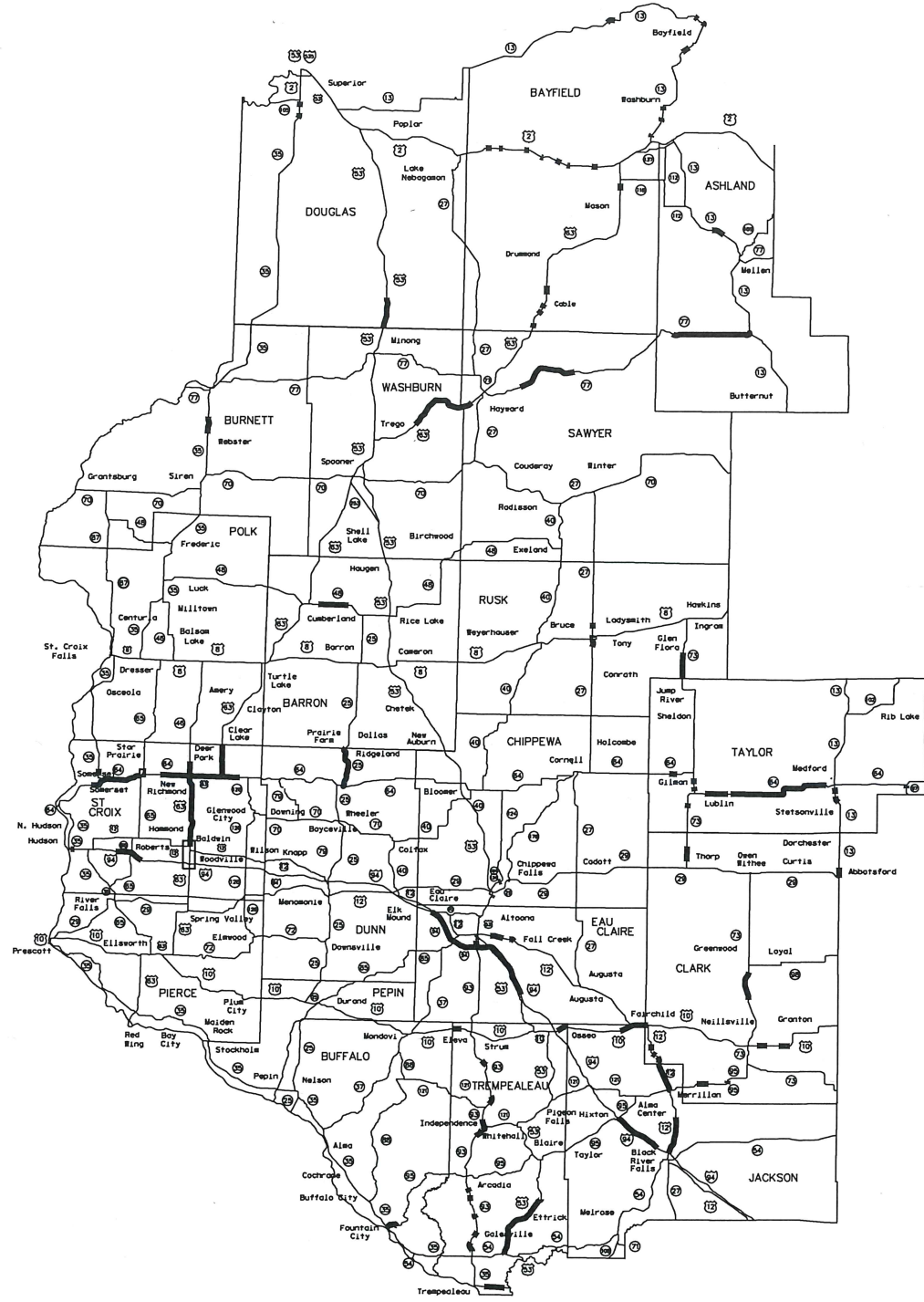


EAU
PROJECT ID: 1000-18-17
COUNTY: N.W. REGION

MAY 2019
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. 5 Plan and Profile
Section No. 6 Standard Detail Drawings
TOTAL SHEETS = 58

44

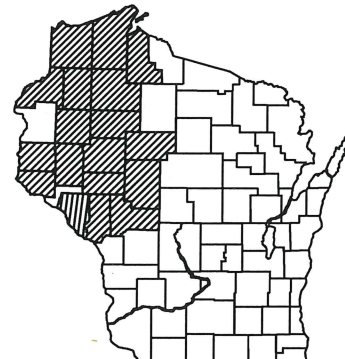
- CONVENTIONAL SYMBOLS
- PLAN
- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS
- MARSH AREA
- WOODED OR SHRUB AREA
- PROFILE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



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT

NW REGION, PAVEMENT MARKING 2019
VARIOUS HIGHWAYS, NW REGION WIDE

STATE PROJECT NUMBER
1000-18-17



COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS).

| STATE PROJECT | FEDERAL PROJECT | |
|---------------|-----------------|----------|
| | PROJECT | CONTRACT |
| 1000-18-17 | WISC 2019319 | 1 |
| | | |
| | | |
| | | |

| STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION | |
|--|--------------------|
| PREPARED BY | |
| Surveyor | NORTHWEST REGION |
| Designer | NATHAN ULNESS |
| Project Manager | DAVID KOEPP |
| District Examiner | JENNIFER OLDENBURN |
| District Supervisor | JAMES KOENG |
| C.O. Examiner | |
| APPROVED FOR DISTRICT OFFICE | |
| DATE: 3/4/2019 | (Signature) |

LIST OF STANDARD ABBREVIATIONS

| | |
|---------------|------------------------------|
| ABUT. | ABUTMENT |
| AGG. | AGGREGATE |
| AH. | AHEAD |
| APPROX. | APPROXIMATE |
| A.E.W. | APRON ENDWALL |
| ASPH. | ASPHALTIC |
| A.D.T. | AVERAGE DAILY TRAFFIC |
| AZ. | AZIMUTH |
| BK. | BACK |
| BEG. | BEGIN |
| B.M. | BENCH MARK |
| C/L | CENTER LINE |
| CONC. | CONCRETE |
| CONST. | CONSTRUCTION |
| CO. | COUNTY |
| C.T.H. | COUNTY TRUNK HIGHWAY |
| X-SEC. | CROSS SECTION |
| CR. | CRUSH |
| CFS | CUBIC FEET/SECOND |
| C.Y., CU.YD. | CUBIC YARD |
| CULV. | CULVERT |
| C.P. | CULVERT PIPE |
| D.O.T. | DEPARTMENT OF TRANSPORTATION |
| D.H.V. | DESIGN HOUR VOLUME |
| DIA. | DIAMETER |
| D. | DIRECTIONAL DISTRIBUTION |
| DISH. OR DIS. | DISCHARGE |
| EA. | EACH |
| ELECT. | ELECTRICT |
| EL. OR ELEV. | ELEVATION |
| EMB. | EMBANKMENT |
| E.B.S. | EXCAVATION BELOW SUBGRADE |
| EXIST. | EXISTING |
| FERT. | FERTILIZE |
| F.E. | FIELD ENTRANCE |
| FIN. | FINISHED |
| FT. | FOOT |
| F.L. | FLOW LINE |
| GA. | GAUGE |
| HORIZ. | HORIZONTAL |
| CWT. | HUNDREDWEIGHT |
| INL. | INLET |
| LT. | LEFT |
| L.H.F. | LEFT-HAND FORWARD |
| LIN. | LINEAR |
| LIN. FT. | LINEAR FOOT |
| L.S. | LUMP SUM |
| MAX. | MAXIMUM |
| MI. | MILE |
| MISC. | MISCELLANEOUS |
| N.E. | NORTH EAST |
| N.W. | NORTH WEST |
| PAV'T | PAVEMENT |
| P.C. | POINT OF CURVATURE |
| P.I. | POINT OF INTERSECTION |
| P.T. | POINT OF TANGENCY |
| P.O.T. | POINT OF TANGENT |
| LB. | POUND |
| P.E. | PRIVATE ENTRANCE |
| PROJ. | PROJECT |
| R. | RANGE |
| REQ'D | REQUIRE |
| RT. | RIGHT |
| R.H.F. | RIGHT-HAND FORWARD |
| R/W | RIGHT OF WAY |
| RD. | ROAD |
| SHR. | SHRINKAGE |
| SL. | SLOPE |
| STD. | STANDARD |
| S.D.D. | STANDARD DETAIL DRAWINGS |
| S.T.H. | STATE TRUNK HIGHWAY |
| STA. | STATION |
| S.P.P.A. | STRUCTURAL PLATE PIPE ARCH |
| STRUCT. | STRUCTURE |
| SURF. | SURFACE |
| TEL. | TELEPHONE |
| TN. | TOWN |
| T. | TRUCKS (PERCENT OF) |
| UNCL. | UNCLASSIFIED |
| U.G. | UNDERGROUND |
| V. | VELOCITY OR DESIGN SPEED |
| V.C. | VERTICAL CURVE |

GENERAL NOTES

CHLOE ANDERSON
WIS DEPT OF TRANS
5009 USH 53 SOUTH
EAU CLAIRE, WI 54701
PHONE: (715) 855-7672
CELL: (715) 577-4493

JEFF EMERSON
WIS DEPT OF TRANS
W7102 GREEN VALLEY ROAD
SPOONER, WI 54801
CELL: (715) 225-9435

UTILITIES

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. 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.

RAILROAD

BNSF RAILWAY COMPANY
ATTN: CALVIN NUTT, P.E.
MANAGER PUBLIC PROJECTS
80 44TH AVENUE
MINNEAPOLIS, MN 55421
PHONE: (763) 782-3495
FAX: (763) 782-3061
EMAIL: Calvin.Nutt@BNSF.com

CANADIAN NATIONAL RAILROAD (WCL)
ATTN: JACKIE MACEWICZ
1625 DEPOT STREET
STEVENS POINT, WI 54481
PHONE: (715) 345-2503
FAX: (715) 345-2534
EMAIL: jackie.macewicz@cn.ca

PROGRESSIVE RAIL INCORPORATED
ATTN: JEREMY URLACHER
21778 HIGHVIEW AVENUE
LAKEVILLE, MN 55044
PHONE: (612) 791-3254
EMAIL: jurlacher@progressiverail.com

WISCONSIN DNR - LIAISON

DNR - WEST CENTRAL REGION
1300 WEST CLAIREMONT AVENUE
P.O. BOX 4001
EAU CLAIRE, WI 54702-4001
PHONE: (715) 839-2786
ATTN: LEAH NICOL

DIGGERSHOTLINE

Dial 811 or (800)242-8511

www.DiggersHotline.com

| LONG LINE WORK TIMES / TRAFFIC CONTROL | | | | | | | | | | | |
|--|-------|------------|-------------------|---|--|--------------|--------------------|--------------------|--------------------|--------------------|---------|
| MAP | | | | | | | | | | | TRAFFIC |
| REF # | MILES | COUNTY | HWY | BEGIN | END | NO TIME | PAINTING ALLOWED | PAINTING ALLOWED | PAINTING ALLOWED | PAINTING ALLOWED | CONTROL |
| | | | | | | RESTRICTIONS | MONDAY THRU FRIDAY | SUNDAY THRU FRIDAY | SUNDAY THRU FRIDAY | SUNDAY THRU FRIDAY | SIGNS |
| | | | | | | | 9 AM - 3 PM | 6 PM - 7 AM | 9 PM - 5 AM | 11 PM - 5 AM | PCMS |
| 601 | 0.2 | EAU CLAIRE | BUS 53 NB & SB | HASTINGS WAY ON RAMP FROM USH 53 / EXIT 86 / EAU CLAIRE | STH 93 SOUTHBOUND ON RAMP FROM NB HASTINGS WAY / EAU CLAIRE | ---- | ---- | ---- | X | ---- | ---- |
| 602 | 13.1 | TAYLOR | STH 64 | 1600' WEST OF COYOTE DRIVE | NATIONAL AVE / MEDFORD | X | ---- | ---- | ---- | ---- | ---- |
| 603 | POINT | CHIPPEWA | STH 124 | STH 124 SB TO WOODWARD AVE & CTH P SOUTH / CHIPPEWA FALLS | MINI DASHES - GUIDE LINES THRU INTERSECTION / 2'X6' CYCLE | ---- | ---- | ---- | ---- | X | ---- |
| 604A | POINT | CHIPPEWA | STH 124 | WB CTH OO TO USH 53NB ON RAMP / HALLIE | MINI DASHES - GUIDE LINES THRU INTERSECTION / 2'X6' CYCLE | ---- | ---- | ---- | ---- | X | X |
| 604B | POINT | CHIPPEWA | STH 124 | USH 53 NB OFF RAMP TO STH 124 NB / HALLIE | MINI DASHES - GUIDE LINES THRU INTERSECTION / 2'X6' CYCLE | ---- | ---- | ---- | ---- | X | X |
| 604C | POINT | CHIPPEWA | STH 124 | USH 53 SB OFF RAMP TO STH 124 NB/ HALLIE | MINI DASHES - GUIDE LINES THRU INTERSECTION / 2'X6' CYCLE | ---- | ---- | ---- | ---- | X | X |
| 605 | POINT | EAU CLAIRE | STH 93 | E HAMILTON AVE / EAU CLAIRE ONLY THE EXISTING WHITE DASHES ARE CURRENTLY IN A GROOVE | MINI DASHES - GUIDE LINES THRU INTERSECTION / 2'X6' CYCLE | ---- | ---- | ---- | ---- | X | ---- |
| 606 | POINT | EAU CLAIRE | STH 93 | GOLF RD INTERSECTION / EAU CLAIRE ONLY THE EXISTING WHITE DASHES ARE CURRENTLY IN A GROOVE | MINI DASHES - GUIDE LINES THRU INTERSECTION / 2'X6' CYCLE | ---- | ---- | ---- | ---- | X | ---- |
| 607 | 0.5 | EAU CLAIRE | USH 12 | 475' WEST OF INDUSTRIAL DRIVE / EAU CLAIRE | SHORT RD / EAU CLAIRE | ---- | ---- | X | ---- | ---- | ---- |
| 608 | 5.6 | EAU CLAIRE | 1 94 EB & WB | MILE POST 59 / EAU CLAIRE (STH 312 OVERPASS) INCL: 4 RAMPS STH 312 / EXIT 59 | WEST END OF CHIPPEWA RIVER BRIDGE /JUST BEFORE STH 37 OVERPASS) DO NOT PAINT TAPE LANELINES OR GORES | ---- | ---- | ---- | X | ---- | X |
| 609 | 5.4 | EAU CLAIRE | 1 94 EB & WB | WEST END OF CHIPPEWA RIVER BRIDGE / OVER STH 37 / EAU CLAIRE INCL: 4 RAMPS STH 37 / EXIT 65 & STH 93 / EXIT 68 | 700' EAST OF MILE POST 70 DO NOT PAINT TAPE LANELINES OR GORES | ---- | ---- | ---- | X | ---- | X |
| 610 | 7.2 | EAU CLAIRE | 1 94 EB & WB | 1ST MAINTENACE CROSSOVER EAST OF MILE POST 71 / EXIT 70 / EAU CLAIRE | BRIDGE DECK FOR W MALLARD RD / 1425' WEST OF MILE POST 79 DO NOT PAINT TAPE LANELINES OR GORES | ---- | ---- | ---- | X | ---- | X |
| 611 | 6.5 | DUNN | STH 25 | EAST JCT OF STH 64 | DUNN & BARRON COUNTY LINE / RIDGELAND | X | ---- | ---- | ---- | ---- | ---- |
| 612 | 2.1 | ST CROIX | 1 94 EB & WB | 2750' EAST OF MILE POST 8 (CONCRETE) INCLD: 4 RAMPS FOR STH 65 EXIT 10 | 160' EAST OF STH 65 EXIT 10 EB ON RAMP (TO OLD ASPHALT) DO NOT PAINT TAPE LANELINES OR ANY TAPE GORES | ---- | ---- | ---- | X | ---- | X |
| 613 | 1.9 | ST CROIX | USH 63 | 740' NORTH OF 47TH AVE / BALDWIN | USH 12 EAST / BALDWIN | ---- | ---- | X | ---- | ---- | ---- |
| 614 | 0.6 | ST CROIX | USH 12 | USH 63 SOUTH / BALDWIN | USH 63 NORTH / BALDWIN | ---- | ---- | X | ---- | ---- | ---- |
| 615 | 0.2 | ST CROIX | USH 63 | USH 12 WEST / BALDWIN | 690' NORTH OF USH 12 WEST / BALDWIN (PAVEMENT CHANGE) | ---- | ---- | X | ---- | ---- | ---- |
| 616 | 21.1 | ST CROIX | USH 63 | 690' NORTH OF USH 12 WEST / BALDWIN (PAVEMENT CHANGE) | ST CROIX & POLK COUNTY LINE | X | ---- | ---- | ---- | ---- | ---- |
| 617 | 0.2 | ST CROIX | STH 46 | USH 63 / STH 64 RAB / NORTH OF BALDWIN | 1000' NORTH ON USH 63/ STH 64 (PAVEMENT CHANGE) | X | ---- | ---- | ---- | ---- | ---- |
| 618 | 1.3 | ST CROIX | STH 64 | 197TH ST / WEST OF USH 63 & STH 64 & STH 46 RAB / 1.3 MILES | USH 63 / STH 46 RAB / NORTH OF BALDWIN | X | ---- | ---- | ---- | ---- | ---- |
| 619 | 0.1 | ST CROIX | STH 64 | USH 63 NORTH (EAST JCT) | 580' EAST OF USH 63 NORTH / EAST JCT | X | ---- | ---- | ---- | ---- | ---- |
| 620 | 6.2 | ST CROIX | STH 35 NB & SB | 150TH AVE OVERPASS (OLD CONCRETE TO THE NORTH) INCLD: RAMPS (4) ANDERSON CAMP RD EXIT 4/ (4)BUS 64 EXIT 5/ (2)CTH C EXIT 9 | CTH C NORTH / SOMERSET | ---- | X | ---- | X | ---- | ---- |

| LONG LINE & NO PASSING ZONE WORK TIMES / TRAFFIC CONTROL | | | | | | | | | | | |
|--|--------|---------------|-------------------|--|--|--------------|--------------------|--------------------|--------------------|--------------------|---------|
| MAP | | | | | | | | | | | TRAFFIC |
| REF # | MILES | COUNTY | HWY | BEGIN | END | NO TIME | PAINTING ALLOWED | PAINTING ALLOWED | PAINTING ALLOWED | PAINTING ALLOWED | CONTROL |
| | | | | | | RESTRICTIONS | MONDAY THRU FRIDAY | SUNDAY THRU FRIDAY | SUNDAY THRU FRIDAY | SUNDAY THRU FRIDAY | SIGNS |
| | | | | | | | 9 AM - 3 PM | 6 PM - 7 AM | 9 PM - 5 AM | 11 PM - 5 AM | PCMS |
| 621 | 3.1 | ST CROIX | STH 64 EB & WB | CTH C / EXIT 9 OVERPASS / SOMERSET INCL: 2 RAMPS AT STH 35 / EXIT 9 | BUS 64 /CTH A/ EXIT 12/ NEW RICHMOND (CONCRETE AT GORE AREA) | ---- | X | ---- | X | ---- | ---- |
| 622 | POINT | ST CROIX | STH 35 | STH 35 SB TO CTH C NB / SOMERSET CURRENTLY HAS GROOVED TAPE | MINI DASHES - GUIDE LINES THRU INTERSECTION / 2'X6' CYCLE | X | ---- | ---- | ---- | ---- | ---- |
| 623 | 9.4 | TREMPEALEAU | USH 53 | 640' NORTH OF PRAIRIE RIDGE AVE / NORTH END OF GALESVILLE | NORTH END OF BRIDGE 1060' SOUTH OF CTH C / BEACHES CORNERS | X | ---- | ---- | ---- | ---- | ---- |
| 624 | 1.3 | TREMPEALEAU | STH 93 | A ST / INDEPENDENCE | INDEE BLVD / INDEPENDENCE (OLD ASPHALT -1600' NORTH OF STH 121 EAST) | X | ---- | ---- | ---- | ---- | ---- |
| 625 | POINT | TREMPEALEAU | USH 10 | HILLTOP RD & TRUGAS RD / OSSEO | (SEE DRAWING -NEW LAYOUT WITH SPECIAL MARKINGS -TREMPEALEAU 1000) | X | ---- | ---- | ---- | ---- | ---- |
| 627 | 0.9 | CLARK | STH 73 | KRYCH ST / THORP | E NYE ST / NORTH END OF THORP | X | ---- | ---- | ---- | ---- | ---- |
| 628 | 0.6 | CLARK | STH 13 | BUSINESS 29 / ABBOTSFORD | 250' NORTH OF PINE ST / ABBOTSFORD | X | ---- | ---- | ---- | ---- | ---- |
| 629 | 2.6 | JACK/EC/CLARK | USH 10 | 250' WEST OF USH 12 WEST / STH 27 NORTH / FAIRCHILD | 520' EAST OF USH 12 EAST / STH 27 SOUTH | X | ---- | ---- | ---- | ---- | ---- |
| 630 | 4.1 | JACKSON | USH 12 | CLARK & JACKSON COUNTY LINE | 100' WEST OF MERRILL ST / MERRILLAN | X | ---- | ---- | ---- | ---- | ---- |
| 631 | 9.2 | JACKSON | USH 12 | CASTLEHILL RD / SOUTH OF MERRRILLAN | RUFF RD / NORTH OF BLACK RIVER FALLS | X | ---- | ---- | ---- | ---- | ---- |
| 632 | 7.5 | JACKSON | I 94 EB & WB | BRIDGE DECK OVER STH 95 / EXIT 105 / HIXTON NO RAMPS AT STH 95 / HIXTON | 500' EAST OF MILE POST 113 DO NOT PAINT TAPE LANELINES OR GORES | ---- | ---- | ---- | X | ---- | ---- |
| 633 | 0.4 | BUFFALO | STH 95 | STH 35 / FOUNTAIN CITY | 750' EAST OF JEFFERSON ST / FOUNTAIN CITY (PAVEMENT CHANGE) | X | ---- | ---- | ---- | ---- | ---- |
| 801 | 12.8 | WASHBURN | USH 63 | 475' SOUTH OF CTH M / SPRINGBROOK | FLORIDA AVE / HAYWARD | X | ---- | ---- | ---- | ---- | ---- |
| 803 | 1.6 | DOUGLAS | USH 53 SB ONLY | 2000' SOUTH OF MILE POST 202 (SOLON SPRINGS AIRPORT) | 200' SOUTH OF MILE POST 200 DO NOT PAINT TAPE LANELINES OR TURN LANES | X | ---- | ---- | ---- | ---- | ---- |
| 804 | 6.2 | SAWYER | STH 77 | 4500' EAST OF CTH K SOUTH / EAST OF HAYWARD | SCHELLER RD | X | ---- | ---- | ---- | ---- | ---- |
| 805 | 13.8 | ASHLAND | STH 77 | 320' EAST OF CTH M & CTH GG / CLAM LAKE | STH 13 | X | ---- | ---- | ---- | ---- | ---- |
| 806 | 4.9 | RUSK | STH 73 | TAYLOR / RUSK COUNTY LINE | E. LAWRENCE RD / SOUTH OF INGRAM | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 1 | 4.7 MI | CLARK | USH 12 | 4110' EAST OF USH 10 EAST JCT EXTENSION / 3 TOUCHES | 760' EAST OF CTH B (EAST JCT) / HUMBIRD | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 1R | POINT | BURNETT | STH 35 | 400' NORTH OF OLD 35 RD (SOUTH JCT) 1 TOUCH | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 2R | 1.6 MI | BARRON | STH 48 | 2350' EAST OF 10 1/4 ST 5 TOUCHES | 740' EAST OF 12TH ST | X | ---- | ---- | ---- | ---- | ---- |
| | | | | | | | | | | | |

| NO PASSING ZONE WORK TIMES / TRAFFIC CONTROL | | | | | | | | | | | |
|--|--------|----------|--------|---|---|--------------------------|--------------------|------------------------|--------------------|--------------------|--------------------|
| MAP | | COUNTY | HWY | BEGIN | END | NO TIME RESTRICTIONS | PAINTING ALLOWED | PAINTING ALLOWED | PAINTING ALLOWED | PAINTING ALLOWED | TRAFFIC CONTROL |
| REF # | MILES | | | | | | MONDAY THRU FRIDAY | SUNDAY THRU FRIDAY | SUNDAY THRU FRIDAY | SUNDAY THRU FRIDAY | SIGNS |
| NPZ 3R | POINT | JACKSON | USH 12 | MILL ST / MERRILLAN 1 TOUCH | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 4R | .1 MI | CLARK | USH 10 | FAIRGROUND AVE / NEILLSVILLE 2 TOUCHES CUT DASHES | 500' EAST OF FAIRGROUND AVE / NEILLSVILLE | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 5R | POINT | CLARK | USH 10 | 2700' EAST OF PRAY AVE 1 TOUCH CUT DASHES | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 6R | 3.5 MI | CLARK | STH 73 | 4460' NORTH OF BODWHITE RD 5 TOUCHES CUT DASHES IN 2 LOCATIONS | 690' NORTH OF WILLARD RD | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 7R | POINT | CLARK | STH 95 | 3160' EAST OF BACHELORS AVE CUT DASHES | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 8R | 3.4 MI | CLARK | STH 95 | 1381' EAST OF BRYAN AVE REMOVAL / 7 TOUCHES CUT DASHES IN 2 LOCATIONS | 3456' EAST OF TODD RD | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 9R | POINT | BAYFIELD | STH 13 | 1931' NORTH OF USH 2 RAB | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 10R | POINT | BAYFIELD | STH 13 | AT NEVERS RD | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 11R | POINT | BAYFIELD | STH 13 | AT NORTH JCT OF LAKE SHORE DR | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 12R | POINT | BAYFIELD | STH 13 | 800' NORTH OF NORTH LIMITS AVE / BAYFIELD | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 13R | POINT | BAYFIELD | STH 13 | 4620' NORTH OF BLURBERRY RD / RED CLIFF | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 14R | POINT | BAYFIELD | STH 13 | 5063' NORTH OF BLURBERRY RD / RED CLIFF | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 15R | POINT | BAYFIELD | USH 63 | 1215' NORTH OF E LEONARD SCHOOL RD | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 16R | POINT | BAYFIELD | USH 63 | 1877' NORTH OF SHORT RD | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 17R | POINT | BAYFIELD | USH 63 | 5354' NORTH OF SHORT RD | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 18R | POINT | BAYFIELD | USH 63 | 2800' NORTH OF PINE ROCK RD | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 19R | POINT | BAYFIELD | USH 63 | 750' SOUTH OF STH 118 EAST | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 20R | POINT | BAYFIELD | USH 2 | FRONT ST / IRON RIVER CUT DASHES | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 21R | POINT | BAYFIELD | USH 2 | 250' EAST OF NORTHSHORE DR / IRON RIVER CUT DASHES | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 22R | POINT | BAYFIELD | USH 2 | 3935' EAST OF FOREST RD 241 CUT DASHES | | X | ---- | ---- | ---- | ---- | ---- |
| PROJECT NO: 1000-18-17 | | | | HWY: NORTHWEST REGION | | COUNTY: NORTHWEST REGION | | WORK TIME RESTRICTIONS | | | SHEET: E |

| NO PASSING ZONE WORK TIMES / TRAFFIC CONTROL | | | | | | | | | | | |
|--|--------|----------|--------|--|--|-------------------------|---------------------|---------------------|---------------------|----------------------|-------------------------------------|
| MAP | | COUNTY | HWY | BEGIN | END | NO TIME RESTRICTIONS | PAINTING ALLOWED | PAINTING ALLOWED | PAINTING ALLOWED | PAINTING ALLOWED | TRAFFIC CONTROL SIGNS PCMS |
| REF # | MILES | | | | | | MONDAY THRU FRIDAY | SUNDAY THRU FRIDAY | SUNDAY THRU FRIDAY | SUNDAY THRU FRIDAY | |
| NPZ 23R | POINT | BAYFIELD | USH 2 | 1971' EAST OF FOREST RD 234 CUT DASHES | | X | 9 AM - 3 PM ---- | 6 PM - 7 AM ---- | 9 PM - 5 AM ---- | 11 PM - 5 AM ---- | ---- |
| NPZ 24R | POINT | BAYFIELD | USH 2 | 575' WEST OF FOREST RD 223 | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 25R | POINT | BAYFIELD | USH 2 | FOREST RD 223 | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 26R | POINT | BAYFIELD | USH 2 | 2310' EAST OF SUSIENKA RD | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 27R | POINT | BAYFIELD | USH 2 | 3620' EAST OF SUSIENKA RD | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 28R | POINT | BAYFIELD | USH 2 | 298' EAST OF KOLBUCHER RD CUT DASHES | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 2 | POINT | BAYFIELD | STH 13 | 886' NORTH OF SOPER RD | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 29R | POINT | ASHLAND | STH 13 | 3438' NORTH OF GOLF COURSE RD / NORTH OF MELLEN | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 30R | POINT | TAYLOR | STH 13 | 1970' NORTH OF CRANE DR / RANDS TRUCKING ENTRANCE CUT DASHES | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 31R | POINT | TAYLOR | STH 13 | 3005' NORTH OF CRANE DR | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 3 | POINT | TAYLOR | STH 64 | 4575' EAST OF EDDY LA / WEST SIDE OF GILMAN BY POPULATION SIGN | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 32R | POINT | TAYLOR | STH 64 | TRUCKER LA / NF 123 | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 33R | POINT | TAYLOR | STH 64 | 1110' EAST OF TRUCKER LA / NF 124 | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 4 | .4 MI | TAYLOR | STH 64 | 6000' EAST OF STH 64 EASTBOUND & STH 73 SOUTHBOUND INTERSECTION 3 TOUCHES | 1500' EAST OF DACHOW RD | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 5 | 1.6 MI | TAYLOR | STH 64 | 2120' EAST OF SOPER RD 6 TOUCHES | 3350' WEST OF COYOTE DR / 1700' WEST OF CONSTRUCTION JOINT | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 34R | POINT | TAYLOR | STH 64 | 285' WEST OF LARSON DR | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 35R | POINT | TAYLOR | STH 64 | 480' EAST OF CTH Q / MEDFORD | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 36R | POINT | TAYLOR | STH 73 | 2270' NORTH OF ELM DR | | X | ---- | ---- | ---- | ---- | ---- |
| NPZ 37R | POINT | TAYLOR | STH 97 | BRAGG LA / AT INTERSECTION OF STH 64 CUT DASHES | | X | ---- | ---- | ---- | ---- | ---- |
| | | | | | | | | | | | |

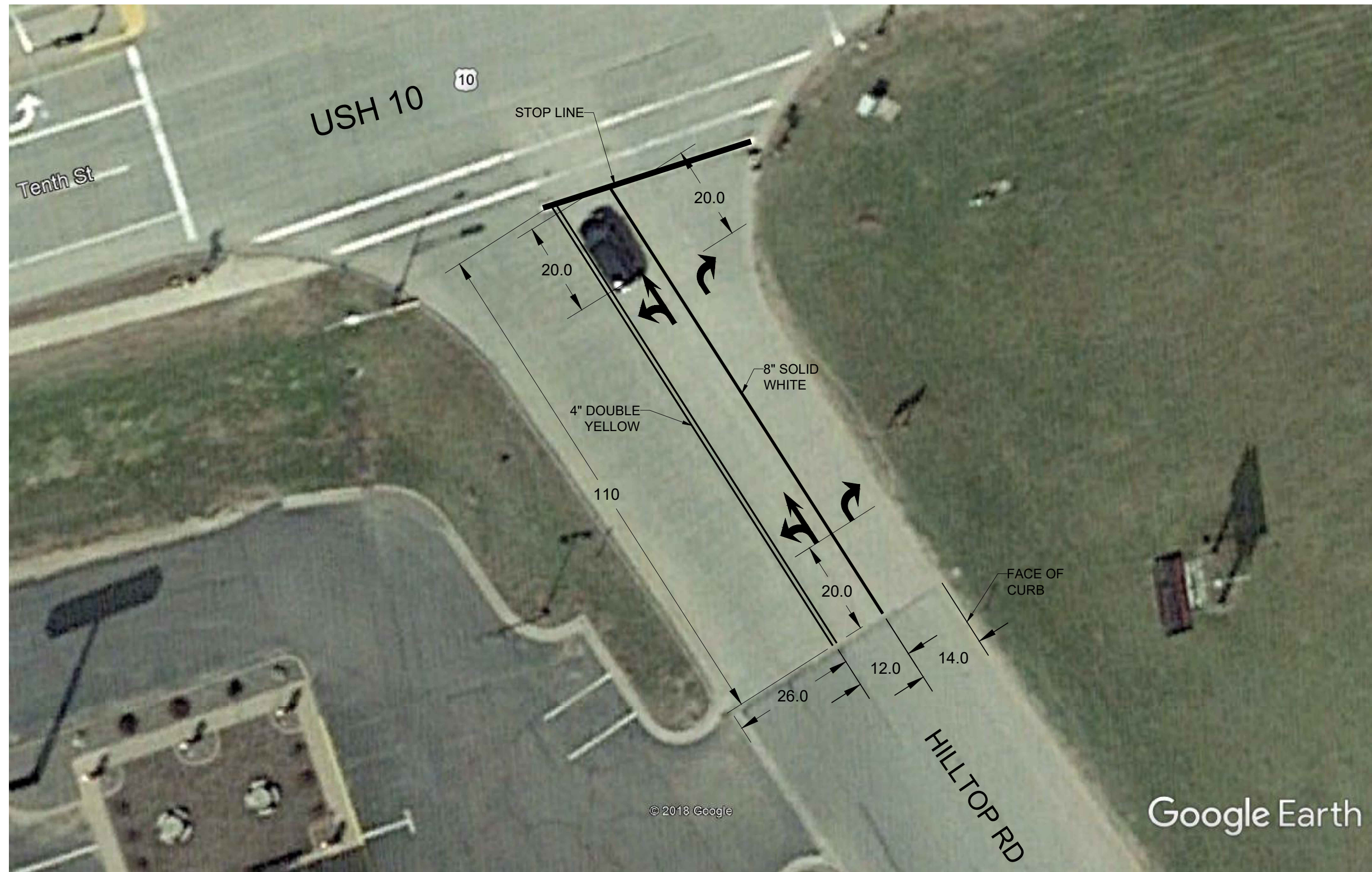
| NO PASSING ZONE WORK TIMES / TRAFFIC CONTROL | | | | | | | | | | | | | | | | |
|--|-------|-------|-------------|--------|--|----------|--------------------------|--------------------|------------------------|--------------------|--------------------|-------------------------------------|--------|--|---|--|
| MAP | | MILES | COUNTY | HWY | BEGIN | END | NO TIME RESTRICTIONS | PAINTING ALLOWED | PAINTING ALLOWED | PAINTING ALLOWED | PAINTING ALLOWED | TRAFFIC CONTROL SIGNS PCMS | | | | |
| REF # | | | | | | | | MONDAY THRU FRIDAY | SUNDAY THRU FRIDAY | SUNDAY THRU FRIDAY | SUNDAY THRU FRIDAY | | | | | |
| NPZ 44R | POINT | | RUSK | STH 27 | 150' SOUTH OF DOUGHTY RD / LADYSMITH | | X | ---- | ---- | ---- | ---- | | | | | |
| NPZ 45R | POINT | | RUSK | STH 27 | 150' SOUTH OF DOUGHTY RD / LADYSMITH CUT DASHES | | X | ---- | ---- | ---- | ---- | | | | | |
| NPZ 46R | POINT | | RUSK | STH 27 | BRIDGE DECK JUST NORTH OF ROCK AVE / SOUTH EDGE OF LADYSMITH | | X | ---- | ---- | ---- | ---- | | | | | |
| NPZ 47R | POINT | | RUSK | STH 27 | 280' SOUTH OF CTH J / LADYSMITH | | X | ---- | ---- | ---- | ---- | | | | | |
| NPZ 48R | POINT | | TREMPEALEAU | USH 10 | 500' EAST OF STH 93 / ELEVA | | X | ---- | ---- | ---- | ---- | | | | | |
| NPZ 49R | POINT | | TREMPEALEAU | STH 35 | 440' SOUTH OF CTH M / SOUTH OF VILLAGE OF TREMPEALEAU | | X | ---- | ---- | ---- | ---- | | | | | |
| NPZ 50R | POINT | | TREMPEALEAU | STH 35 | 830' NORTH OF CTH M / SOUTH OF VILLAGE OF TREMPEALEAU | | X | ---- | ---- | ---- | ---- | | | | | |
| NPZ 51R | POINT | | TREMPEALEAU | STH 35 | MCDONAH LN / SOUTH OF VILLAGE OF TREMPEALEAU | SOUTH ST | X | ---- | ---- | ---- | ---- | | | | | |
| NPZ 52R | POINT | | TREMPEALEAU | STH 35 | 890' NORTH OF SOUTH ST / SOUTH OF VILLAGE OF TREMPEALEAU | | X | ---- | ---- | ---- | ---- | | | | | |
| NPZ 53R | POINT | | TREMPEALEAU | STH 93 | 2370' NORTH OF TODD RD / CENTERVILLE | | X | ---- | ---- | ---- | ---- | | | | | |
| NPZ 54R | POINT | | TREMPEALEAU | STH 93 | 1930' NORTH OF FOX COULEE RD | | X | ---- | ---- | ---- | ---- | | | | | |
| NPZ 55R | POINT | | TREMPEALEAU | STH 93 | 3820' NORTH OF GERMAN COULEE RD | | X | ---- | ---- | ---- | ---- | | | | | |
| NPZ 56R | POINT | | TREMPEALEAU | STH 93 | 3565' NORTH OF HOLCOMB COULEE RD | | X | ---- | ---- | ---- | ---- | | | | | |
| NPZ 57R | POINT | | TREMPEALEAU | STH 93 | 4605' NORTH OF HOLCOMB COULEE RD (JUST SOUTH OF CTH F) | | X | ---- | ---- | ---- | ---- | | | | | |
| NPZ 58R | POINT | | TREMPEALEAU | STH 93 | 530' NORTH OF STH 121 WEST / NORTH OF INDEPENDENCE | | X | ---- | ---- | ---- | ---- | | | | | |
| NPZ 59R | POINT | | TREMPEALEAU | STH 93 | 430' SOUTH OF BAUMGARTNER LN CUT DASHES | | X | ---- | ---- | ---- | ---- | | | | | |
| | | | | | | | | | | | | | | | | |
| PROJECT NO: 1000-18-17 | | | | | HWY: NORTHWEST REGION | | COUNTY: NORTHWEST REGION | | WORK TIME RESTRICTIONS | | | | SHEET: | | E | |

SPECIAL MARKING WORK TIMES / TRAFFIC CONTROL

| MAP REFERENCE | HWY | MAP SITE ID | NO TIME RESTRICTIONS | PAINTING ALLOWED MONDAY THRU FRIDAY | PAINTING ALLOWED SUNDAY THRU FRIDAY | PAINTING ALLOWED SUNDAY THRU FRIDAY | PAINTING ALLOWED SUNDAY THRU FRIDAY |
|---------------|--------|---|-------------------------|--|--|--|--|
| | | | | 9 AM - 3 PM | 6 PM - 7 AM | 9 PM - 5 AM | 11 PM - 5 AM |
| DOUGLAS 01 | STH 35 | 845 FT NORTH OF N 74TH ST - SOUTH OF SUPERIOR | ---- | X | ---- | X | ---- |
| DOUGLAS 1000 | STH 35 | N 64TH ST THRU N 69TH ST -SUPERIOR | ---- | X | ---- | X | ---- |
| EAU CLAIRE 94 | USH 12 | CTH AA - ALTOONA | ---- | ---- | X | ---- | ---- |
| EAU CLAIRE 93 | USH 12 | INDUSTRIAL DR - ALTOONA | ---- | ---- | X | ---- | ---- |
| ST CROIX 53A | USH 63 | 55TH AVE - BALDWIN - NORTH OF IH 94 | ---- | ---- | X | ---- | ---- |
| ST CROIX 53B | USH 63 | 55TH AVE - BALDWIN - NORTH OF IH 94 | ---- | ---- | X | ---- | ---- |
| ST CROIX 53BB | USH 63 | ST ART OF DVD HWY - BALDWIN - NORTH OF IH 94 | ---- | ---- | X | ---- | ---- |
| ST CROIX 97 | USH 63 | OAK ST - BALDWIN | ---- | ---- | X | ---- | ---- |
| ST CROIX 98 | USH 63 | MAPLE ST - BALDWIN | ---- | ---- | X | ---- | ---- |
| ST CROIX 77A | USH 63 | FERN ST & 60TH AVE - BALDWIN | ---- | ---- | X | ---- | ---- |
| ST CROIX 77B | USH 63 | 60TH AVE & FERN ST - BALDWIN | ---- | ---- | X | ---- | ---- |
| ST CROIX 78 | USH 63 | 55TH AVE TO FERN ST - BALDWIN | ---- | ---- | X | ---- | ---- |
| ST CROIX 20C | USH 63 | USH 12 WEST JCT - NORTH END OF BALDWIN | ---- | ---- | X | ---- | ---- |
| ST CROIX 22A | USH 63 | MAIN ST - BALDWIN | ---- | ---- | X | ---- | ---- |
| ST CROIX 22B | USH 63 | MAIN ST - BALDWIN | ---- | ---- | X | ---- | ---- |
| ST CROIX 83 | USH 63 | MAIN ST TO USH 12 EAST JCT - BALDWIN | ---- | ---- | X | ---- | ---- |
| ST CROIX 23A | USH 63 | CEDAR ST - BALDWIN | ---- | ---- | X | ---- | ---- |
| ST CROIX 23B | USH 63 | CEDAR ST - BALDWIN | ---- | ---- | X | ---- | ---- |
| ST CROIX 20A | USH 12 | USH 63 - WEST JCT - NORTH END OF BALDWIN | ---- | ---- | X | ---- | ---- |
| ST CROIX 20AA | USH 12 | USH 63 - EAST JCT - BALDWIN | ---- | ---- | X | ---- | ---- |
| ST CROIX 20B | USH 12 | USH 63 - WEST JCT - BALDWIN | ---- | ---- | X | ---- | ---- |
| ST CROIX 21 | USH 12 | USH 12 WEST JCT TO USH 12 EAST JCT - BALDWIN | ---- | ---- | X | ---- | ---- |
| ST CROIX 33 | USH 63 | 47TH AVE - SOUTH OF BALDWIN | X | ---- | ---- | ---- | ---- |

| MAP REFERENCE | HWY | MAP SITE ID | NO TIME | PAINTING ALLOWED | PAINTING ALLOWED | PAINTING ALLOWED | PAINTING ALLOWED |
|------------------|--------|-----------------------------------|--------------|--------------------|--------------------|--------------------|--------------------|
| | | | RESTRICTIONS | MONDAY THRU FRIDAY | SUNDAY THRU FRIDAY | SUNDAY THRU FRIDAY | SUNDAY THRU FRIDAY |
| | | | | 9 AM - 3 PM | 6 PM - 7 AM | 9 PM - 5 AM | 11 PM - 5 AM |
| ST CROIX 26B | STH 64 | STH 65 - NEW RICHMOND | ---- | ---- | ---- | X | ---- |
| ST CROIX 26C | STH 65 | STH 64 - NEW RICHMOND | ---- | ---- | ---- | X | ---- |
| ST CROIX 26D | STH 65 | STH 64 - NEW RICHMOND | ---- | ---- | ---- | X | ---- |
| ST CROIX 48 | I 94 | PARK & RIDE ON COULEE RD - HUDSON | ---- | ---- | ---- | ---- | X |
| ST CROIX 76 | STH 64 | CTH T - EAST OF NEW RICHMOND | X | ---- | ---- | ---- | ---- |
| ST CROIX 75 | STH 65 | NORTH SHORE DR - NEW RICHMOND | ---- | ---- | ---- | X | ---- |
| BURNETT 07 | STH 70 | STH 35 - SIREN | X | ---- | ---- | ---- | ---- |
| BURNETT 09 | STH 35 | BRADLEY ST - SIREN | X | ---- | ---- | ---- | ---- |
| BURNETT 10 | STH 35 | JOHNSON ST - SIREN | X | ---- | ---- | ---- | ---- |
| BURNETT 11 | STH 35 | MAIN ST - SIREN | X | ---- | ---- | ---- | ---- |
| BURNETT 12 | STH 35 | LAKE ST - SIREN | X | ---- | ---- | ---- | ---- |
| BURNETT 13 | STH 35 | DJOCK ST - SIREN | X | ---- | ---- | ---- | ---- |
| BURNETT 14 | STH 35 | WORK PROGRESS ST - SIREN | X | ---- | ---- | ---- | ---- |
| BURNETT 15 | STH 35 | S SHORE DR - SIREN | X | ---- | ---- | ---- | ---- |
| BURNETT 16 | STH 35 | ELIZABETH ST - SIREN | X | ---- | ---- | ---- | ---- |
| BURNETT 17 | STH 35 | PARK ST - SIREN | X | ---- | ---- | ---- | ---- |
| BURNETT 18 | STH 35 | SIREN PARK ENTRANCE - SIREN | X | ---- | ---- | ---- | ---- |
| BURNETT 19A | STH 35 | SERVICE ROAD TO WEST - SIREN | X | ---- | ---- | ---- | ---- |
| BURNETT 25 | STH 35 | NORTHSHORE DR - SIREN | X | ---- | ---- | ---- | ---- |
| TREMPEALEAU 1000 | USH 10 | HILLTOP RD & TRUGAS RD - OSSEO | X | ---- | ---- | ---- | ---- |





Estimate Of Quantities

1000-18-17

| Line | Item | Item Description | Unit | Total | Qty |
|------|----------|---|------|---------------|---------------|
| 0002 | 619.1000 | Mobilization | EACH | 1.000 | 1.000 |
| 0004 | 643.1050 | Traffic Control Signs PCMS | DAY | 13.000 | 13.000 |
| 0006 | 643.5000 | Traffic Control | EACH | 1.000 | 1.000 |
| 0008 | 646.1020 | Marking Line Epoxy 4-Inch | LF | 2,745,490.000 | 2,745,490.000 |
| 0010 | 646.1555 | Marking Line Grooved Contrast Permanent Tape 4-Inch | LF | 289.000 | 289.000 |
| 0012 | 646.3020 | Marking Line Epoxy 8-Inch | LF | 35,353.000 | 35,353.000 |
| 0014 | 646.5020 | Marking Arrow Epoxy | EACH | 152.000 | 152.000 |
| 0016 | 646.5120 | Marking Word Epoxy | EACH | 16.000 | 16.000 |
| 0018 | 646.5220 | Marking Symbol Epoxy | EACH | 4.000 | 4.000 |
| 0020 | 646.5320 | Marking Railroad Crossings Epoxy | EACH | 4.000 | 4.000 |
| 0022 | 646.6120 | Marking Stop Line Epoxy 18-Inch | LF | 744.000 | 744.000 |
| 0024 | 646.7120 | Marking Diagonal Epoxy 12-Inch | LF | 3,082.000 | 3,082.000 |
| 0026 | 646.8120 | Marking Curb Epoxy | LF | 1,344.000 | 1,344.000 |
| 0028 | 646.8220 | Marking Island Nose Epoxy | EACH | 27.000 | 27.000 |
| 0030 | 646.8320 | Marking Parking Stall Epoxy | LF | 2,805.000 | 2,805.000 |
| 0032 | 646.9000 | Marking Removal Line 4-Inch | LF | 18,197.000 | 18,197.000 |

| PAVEMENT MARKING (LONG LINE LOCATIONS) "CONTINUED ONTO NEXT PAGE" | | | | | | | | | | | | | |
|---|-------|-------------|-------------------|---|--|--------------------------|--------------|--------------------------|--------------------|----------------------|--------|----------------------|--|
| MAP REF# | MILES | COUNTY | HWY | BEGIN | END | 643.1050 | 646.1020 | | 646.3020 | 646.1555 | | 646.9000 | |
| | | | | | | TRAFFIC | MARKING LINE | | MARKING | MARKING LINE GROOVED | | MARKING REMOVAL LINE | |
| | | | | | | CONTROL | EPOXY 4-INCH | EPOXY 8-INCH | CONTRAST PERMANENT | TAPE 4-INCH | 4-INCH | | |
| SIGNS | PCMS | YELLOW | WHITE | WHITE | YELLOW | WHITE | | | | | | | |
| DAY | LF | LF | LF | LF | LF | | | | | | | | |
| 612 | 2.1 | ST CROIX | I 94 EB & WB | 2750' EAST OF MILE POST 8 (CONCRETE) INCLD: 4 RAMPS FOR STH 65 EXIT 10 | 160' EAST OF STH 65 EXIT 10 EB ON RAMP (TO OLD ASPHALT) DO NOT PAINT TAPE LANELINES OR ANY TAPE GORES | 2 | 27,112 | 27,792 | 854 | ---- | ---- | ---- | |
| 613 | 1.9 | ST CROIX | USH 63 | 740' NORTH OF 47TH AVE / BALDWIN | USH 12 EAST / BALDWIN | ---- | 19,820 | 22,255 | 5,065 | ---- | ---- | ---- | |
| 614 | 0.6 | ST CROIX | USH 12 | USH 63 SOUTH / BALDWIN | USH 63 NORTH / BALDWIN | ---- | 6,645 | 1,357 | 680 | ---- | ---- | ---- | |
| 615 | 0.2 | ST CROIX | USH 63 | USH 12 WEST / BALDWIN | 690' NORTH OF USH 12 WEST / BALDWIN (PAVEMENT CHANGE) | ---- | 1,850 | 1,235 | 365 | ---- | ---- | ---- | |
| 616 | 21.1 | ST CROIX | USH 63 | 690' NORTH OF USH 12 WEST / BALDWIN (PAVEMENT CHANGE) | ST CROIX & POLK COUNTY LINE | ---- | 135,925 | 220,304 | 1,520 | ---- | ---- | ---- | |
| 617 | 0.2 | ST CROIX | STH 46 | USH 63 / STH 64 RAB / NORTH OF BALDWIN | 1000' NORTH ON USH 63/ STH 64 (PAVEMENT CHANGE) | ---- | 2,660 | 1,830 | ---- | ---- | ---- | ---- | |
| 618 | 1.3 | ST CROIX | STH 64 | 197TH ST / WEST OF USH 63 & STH 64 & STH 46 RAB / 1.3 MILES | USH 63 / STH 46 RAB / NORTH OF BALDWIN | ---- | 6,077 | 13,681 | ---- | ---- | ---- | ---- | |
| 619 | 0.1 | ST CROIX | STH 64 | USH 63 NORTH (EAST JCT) | 580' EAST OF USH 63 NORTH (EAST JCT) | ---- | 2,100 | 986 | 200 | ---- | ---- | ---- | |
| 620 | 6.2 | ST CROIX | STH 35 NB & SB | 150TH AVE OVERPASS (OLD CONCRETE TO THE NORTH) INCLD: RAMPS (4) ANDERSON CAMP RD EXIT 4/ (4)BUS 64 EXIT 5/ (2)CTH C EXIT 9 | CTH C NORTH / SOMERSET | ---- | 76,520 | 91,365 | 10,760 | ---- | ---- | ---- | |
| 621 | 3.1 | ST CROIX | STH 64 EB & WB | CTH C / EXIT 9 OVERPASS / SOMERSET INCL: 2 EASTERLY RAMPS AT STH 35 / EXIT 9 | BUS 64 /CTH A / EXIT 12/ NEW RICHMOND (CONCRETE AT GORE AREA) | ---- | 35,101 | 42,327 | 3,683 | ---- | ---- | ---- | |
| 622 | POINT | ST CROIX | STH 35 | STH 35 SB TO CTH C NB / SOMERSET CURRENTLY HAS GROOVED TAPE | MINI DASHES - GUIDE LINES THRU INTERSECTION / 2'X6' CYCLE | ---- | ---- | ---- | ---- | 30 | ---- | 30 | |
| 623 | 9.4 | TREMPEALEAU | USH 53 | 640' NORTH OF PRAIRIE RIDGE AVE / NORTH END OF GALESVILLE | NORTH END OF BRIDGE 1060' SOUTH OF CTH C / BEACHES CORNERS | ---- | 53,431 | 95,886 | 1,030 | ---- | ---- | ---- | |
| 624 | 1.3 | TREMPEALEAU | STH 93 | A ST / INDEPENDENCE | INDEE BLVD / INDEPENDENCE (OLD ASPHALT-1600' NORTH OF STH 121 EAST) | ---- | 14,060 | ---- | 320 | ---- | ---- | ---- | |
| 625 | POINT | TREMPEALEAU | USH 10 | HILLTOP RD & TRUGAS RD / OSSEO | SEE DRAWING -NEW LA YOUT WITH SPECIAL MARKINGS -TREMPEALEAU 1000) | ---- | 370 | ---- | 185 | ---- | ---- | ---- | |
| SUBTOTALS | | | | | | 2 | 381,671 | 519,018 | 24,662 | 30 | 0 | 30 | |
| FROM PREVIOUS PAGE | | | | | | 9 | 351,753 | 415,087 | 6,448 | 46 | 213 | 106 | |
| SUBTOTAL | | | | | | 11 | 733,424 | 934,105 | 31,110 | 76 | 213 | 136 | |
| PROJECT NO: 1000-18-17 | | | | HWY: NORTHWEST REGION | | COUNTY: NORTHWEST COUNTY | | MISCELLANEOUS QUANTITIES | | | | SHEET: E | |

3

| PAVEMENT MARKING (NO PASSING ZONES) "CONTINUED ONTO NEXT PAGE" | | | | | | | | | | | | |
|--|--------|----------|--------|--|---|--|--|--|---|---|-----|-------|
| MAP REF# | MILES | COUNTY | HWY | BEGIN | END | 643.1050 TRAFFIC CONTROL SIGNS PCMS DAY | 646.1020 MARKING LINE EPOXY 4-INCH YELLOW LF | 646.3020 MARKING EPOXY 8-INCH WHITE LF | 646.1555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH YELLOW LF | 646.9000 MARKING REMOVAL LINE 4-INCH WHITE LF | | |
| NPZ 1 | 4.7 MI | CLARK | USH 12 | 4110' EAST OF USH 10 JCT EXTENSION / 3 TOUCHES | 760' EAST OF CTH B (EASTJCT) / HUMBIRD | --- | 66 | --- | --- | --- | --- | --- |
| NPZ 1R | POINT | BURNETT | STH 35 | 400' NORTH OF OLD 35 RD (SOUTH JCT) | | --- | --- | --- | --- | --- | | 170 |
| NPZ 2R | 1.6 MI | BARRON | STH 48 | 2350' EAST OF 10 1/4 ST REMOVAL / 5 TOUCHES | 740' EAST OF 12TH ST | --- | --- | --- | --- | --- | | 1,245 |
| NPZ 3R | POINT | JACKSON | USH 12 | MILL ST / MERRILLAN | | --- | --- | --- | --- | --- | | 52 |
| NPZ 4R | .1 MI | CLARK | USH 10 | FAIRGROUND AVE / NEILLSVILLE REMOVAL / 2 TOUCHES CUT DASHES | 500' EAST OF FAIRGROUND AVE / NEILLSVILLE | --- | --- | --- | --- | --- | | 560 |
| NPZ 5R | POINT | CLARK | USH 10 | 2700' EAST OF PRAY AVE CUT DASHES | | --- | --- | --- | --- | --- | | 87 |
| NPZ 6R | 3.5 MI | CLARK | STH 73 | 4460' NORTH OF BODWHITE RD (APPROX 2MILES NORTH OF CHRISTIE) REMOVAL / 5 TOUCHES CUT DASHES IN 2 LOCATIONS | 690' NORTH OF WILLARD RD | --- | --- | --- | --- | --- | | 289 |
| NPZ 7R | POINT | CLARK | STH 95 | 3160' EAST OF BACHELORS AVE CUT DASHES | | --- | --- | --- | --- | --- | | 77 |
| NPZ 8R | 3.4 MI | CLARK | STH 95 | 1381' EAST OF BRYAN AVE REMOVAL / 7 TOUCHES CUT DASHES IN 2 LOCATIONS | 3456' EAST OF TODD RD | --- | --- | --- | --- | --- | | 391 |
| NPZ 9R | POINT | BAYFIELD | STH 13 | 1931' NORTH OF USH 2 RAB | | --- | --- | --- | --- | --- | | 212 |
| NPZ 10R | POINT | BAYFIELD | STH 13 | AT NEVERS RD | | --- | --- | --- | --- | --- | | 516 |
| NPZ 11R | POINT | BAYFIELD | STH 13 | AT NORTH JCT OF LAKE SHORE DR | | --- | --- | --- | --- | --- | | 331 |
| NPZ 12R | POINT | BAYFIELD | STH 13 | 800' NORTH OF NORTH LIMITS AVE / BAYFIELD | | --- | --- | --- | --- | --- | | 238 |
| SUBTOTALS | | | | | | 0 | 66 | 0 | 0 | 0 | 0 | 4,168 |
| FROM PREVIOUS PAGE | | | | | | 13 | 1,150,370 | 1,590,132 | 35,353 | 76 | 213 | 136 |
| SUBTOTAL | | | | | | 13 | 1,150,436 | 1,590,132 | 35,353 | 76 | 213 | 4,304 |
| | | | | | | | | | | | | |

3

| PAVEMENT MARKING (NO PASSING ZONES) "CONTINUED ONTO NEXT PAGE" | | | | | | | | | | | | |
|--|-------|----------|--------|---|-----|----------|--------------|-----------|--------------|----------------------|----------|----------------------|
| | | | | | | 643.1050 | | | 646.1020 | 646.3020 | 646.1555 | 646.9000 |
| | | | | | | TRAFFIC | MARKING LINE | | MARKING | MARKING LINE GROOVED | | MARKING REMOVAL LINE |
| | | | | | | CONTROL | EPOXY 4-INCH | | EPOXY 8-INCH | CONTRAST PERMANENT | | 4-INCH |
| | | | | | | SIGNS | YELLOW | WHITE | WHITE | TAPE 4-INCH | | |
| | | | | | | PCMS | LF | LF | LF | YELLOW | WHITE | |
| MAP | MILES | COUNTY | HWY | BEGIN | END | DAY | | | | | | LF |
| NPZ 13R | POINT | BAYFIELD | STH 13 | 4620' NORTH OF BLURBERRY RD / RED CLIFF | | ---- | ---- | ---- | ---- | ---- | ---- | 268 |
| NPZ 14R | POINT | BAYFIELD | STH 13 | 5063' NORTH OF BLURBERRY RD / RED CLIFF | | ---- | ---- | ---- | ---- | ---- | ---- | 245 |
| NPZ 15R | POINT | BAYFIELD | USH 63 | 1215' NORTH OF E LEONARD SCHOOL RD | | ---- | ---- | ---- | ---- | ---- | ---- | 118 |
| NPZ 16R | POINT | BAYFIELD | USH 63 | 1877' NORTH OF SHORT RD | | ---- | ---- | ---- | ---- | ---- | ---- | 23 |
| NPZ 17R | POINT | BAYFIELD | USH 63 | 5354' NORTH OF SHORT RD | | ---- | ---- | ---- | ---- | ---- | ---- | 225 |
| NPZ 18R | POINT | BAYFIELD | USH 63 | 2800' NORTH OF PINE ROCK RD | | ---- | ---- | ---- | ---- | ---- | ---- | 108 |
| NPZ 19R | POINT | BAYFIELD | USH 63 | 750' SOUTH OF STH 118 EAST | | ---- | ---- | ---- | ---- | ---- | ---- | 250 |
| NPZ 20R | POINT | BAYFIELD | USH 2 | FRONT ST / IRON RIVER CUT DASHES | | ---- | ---- | ---- | ---- | ---- | ---- | 290 |
| NPZ 21R | POINT | BAYFIELD | USH 2 | 250' EAST OF NORTHSHORE DR / IRON RIVER CUT DASHES | | ---- | ---- | ---- | ---- | ---- | ---- | 84 |
| NPZ 22R | POINT | BAYFIELD | USH 2 | 3935' EAST OF FOREST RD 241 CUT DASHES | | ---- | ---- | ---- | ---- | ---- | ---- | 2,960 |
| NPZ 23R | POINT | BAYFIELD | USH 2 | 1971' EAST OF FOREST RD 234 CUT DASHES | | ---- | ---- | ---- | ---- | ---- | ---- | 174 |
| NPZ 24R | POINT | BAYFIELD | USH 2 | 575' WEST OF FOREST RD 223 | | ---- | ---- | ---- | ---- | ---- | ---- | 934 |
| NPZ 25R | POINT | BAYFIELD | USH 2 | FOREST RD 223 | | ---- | ---- | ---- | ---- | ---- | ---- | 566 |
| NPZ 26R | POINT | BAYFIELD | USH 2 | 2310' EAST OF SUSIENKA RD | | ---- | ---- | ---- | ---- | ---- | ---- | 605 |
| NPZ 27R | POINT | BAYFIELD | USH 2 | 3620' EAST OF SUSIENKA RD | | ---- | ---- | ---- | ---- | ---- | ---- | 705 |
| SUBTOTALS | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 7,555 |
| FROM PREVIOUS PAGE | | | | | | 13 | 1,150,436 | 1,590,132 | 35,353 | 76 | 213 | 4,304 |
| SUBTOTAL | | | | | | 13 | 1,150,436 | 1,590,132 | 35,353 | 76 | 213 | 11,859 |

| | | | | | |
|------------------------|-----------------------|--------------------------|--------------------------|--------|---|
| PROJECT NO: 1000-18-17 | HWY: NORTHWEST REGION | COUNTY: NORTHWEST COUNTY | MISCELLANEOUS QUANTITIES | SHEET: | E |
|------------------------|-----------------------|--------------------------|--------------------------|--------|---|

PAVEMENT MARKING (NO PASSING ZONES) "CONTINUED ONTO NEXT PAGE"

| MAP REF# | MILES | COUNTY | HWY | BEGIN | END | 643.1050 | 646.1020 | | 646.3020 | 646.1555 | | 646.9000 |
|--------------------|--------|----------|--------|--|--|----------|--------------|-----------|--------------|----------------------|-------|----------------------|
| | | | | | | TRAFFIC | MARKING LINE | | MARKING | MARKING LINE GROOVED | | MARKING REMOVAL LINE |
| | | | | | | CONTROL | EPOXY 4-INCH | | EPOXY 8-INCH | TAPE 4-INCH | | 4-INCH |
| | | | | | | SIGNS | YELLOW | WHITE | WHITE | YELLOW | WHITE | |
| | | | | | | PCMS | LF | LF | LF | LF | LF | LF |
| DAY | | | | | | | | | | | | |
| NPZ 28R | POINT | BAYFIELD | USH 2 | 298' EAST OF KOLBUCHER RD CUT DASHES | | ---- | ---- | ---- | ---- | ---- | ---- | 109 |
| NPZ 2 | POINT | BAYFIELD | STH 13 | 886' NORTH OF SOPER RD | | ---- | 92 | ---- | ---- | ---- | ---- | ---- |
| NPZ 29R | POINT | ASHLAND | STH 13 | 3438' NORTH OF GOLF COURSE RD / NORTH OF MELLE | | ---- | ---- | ---- | ---- | ---- | ---- | 130 |
| NPZ 30R | POINT | TAYLOR | STH 13 | 1970' NORTH OF CRANE DR / RANDS TRUCKING ENTRANCE CUT DASHES | | ---- | ---- | ---- | ---- | ---- | ---- | 320 |
| NPZ 31R | POINT | TAYLOR | STH 13 | 3005' NORTH OF CRANE DR | | ---- | ---- | ---- | ---- | ---- | ---- | 1,100 |
| NPZ 3 | POINT | TAYLOR | STH 64 | 4575' EAST OF EDDY LA / WEST SIDE OF GILMAN BY POPULATION SIGN | | ---- | 180 | ---- | ---- | ---- | ---- | ---- |
| NPZ 32R | POINT | TAYLOR | STH 64 | TRUCKER LA / NF 123 | | ---- | ---- | ---- | ---- | ---- | ---- | 105 |
| NPZ 33R | POINT | TAYLOR | STH 64 | 1110' EAST OF TRUCKER LA / NF 124 | | ---- | ---- | ---- | ---- | ---- | ---- | 130 |
| NPZ 4 | .4 MI | TAYLOR | STH 64 | 6000' EAST OF STH 64 EASTBOUND & STH 73 SOUTHBOUND INTERSECTION 3 TOUCHES | 1500' EAST OF DACHOW RD | ---- | 1,350 | ---- | ---- | ---- | ---- | ---- |
| NPZ 5 | 1.6 MI | TAYLOR | STH 64 | 2120' EAST OF SOPER RD 6 TOUCHES | 3350' WEST OF COYOTE DR / 1700' WEST OF CONSTRUCTION JOINT | ---- | 3,300 | ---- | ---- | ---- | ---- | ---- |
| NPZ 34R | POINT | TAYLOR | STH 64 | 285' WEST OF LARSON DR | | ---- | ---- | ---- | ---- | ---- | ---- | 210 |
| NPZ 35R | POINT | TAYLOR | STH 64 | 480' EAST OF CTH Q / MEDFORD | | ---- | ---- | ---- | ---- | ---- | ---- | 135 |
| NPZ 36R | POINT | TAYLOR | STH 73 | 2270' NORTH OF ELM DR | | ---- | ---- | ---- | ---- | ---- | ---- | 120 |
| NPZ 37R | POINT | TAYLOR | STH 97 | BRAGG LA / AT INTERSECTION OF STH 64 CUT DASHES | | ---- | ---- | ---- | ---- | ---- | ---- | 195 |
| NPZ 44R | POINT | RUSK | STH 27 | 150' SOUTH OF DOUGHTY RD / LADYSMITH CUT DASHES | | ---- | ---- | ---- | ---- | ---- | ---- | 110 |
| SUBTOTALS | | | | | | 0 | 4,922 | 0 | 0 | 0 | 0 | 2,664 |
| FROM PREVIOUS PAGE | | | | | | 13 | 1,150,436 | 1,590,132 | 35,353 | 76 | 213 | 11,859 |
| SUBTOTAL | | | | | | 13 | 1,155,358 | 1,590,132 | 35,353 | 76 | 213 | 14,523 |

| PAVEMENT MARKING (NO PASSING ZONES) "CONTINUED ONTO NEXT PAGE" | | | | | | | | | | | | |
|--|-------|-------------|--------|---|----------|--|--|--|---|---|--|--------|
| MAP REF# | MILES | COUNTY | HWY | BEGIN | END | 643.1050 TRAFFIC CONTROL SIGNS PCMS DAY | 646.1020 MARKING LINE EPOXY 4-INCH YELLOW LF | 646.3020 MARKING EPOXY 8-INCH WHITE LF | 646.1555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH YELLOW LF | 646.9000 MARKING REMOVAL LINE 4-INCH WHITE LF | 646.9000 MARKING REMOVAL LINE 4-INCH LF | |
| NPZ 45R | POINT | RUSK | STH 27 | 150' SOUTH OF DOUGHTY RD / LADYSMITH CUT DASHES | | ---- | ---- | ---- | ---- | ---- | ---- | 110 |
| NPZ 46R | POINT | RUSK | STH 27 | BRIDGE DECK JUST NORTH OF ROCK AVE/ SOUTH EDGE OF LADYSMITH | | ---- | ---- | ---- | ---- | ---- | ---- | 125 |
| NPZ 47R | POINT | RUSK | STH 27 | 280' SOUTH OF CTH J / LADYSMITH | | ---- | ---- | ---- | ---- | ---- | ---- | 180 |
| NPZ 48R | POINT | TREMPEALEAU | USH 10 | 500' EAST OF STH 93 / ELEVA | | ---- | ---- | ---- | ---- | ---- | ---- | 212 |
| NPZ 49R | POINT | TREMPEALEAU | STH 35 | 440' SOUTH OF CTH M / SOUTH OF VILLAGE OF TREMPEALEAU | | ---- | ---- | ---- | ---- | ---- | ---- | 470 |
| NPZ 50R | POINT | TREMPEALEAU | STH 35 | 830' NORTH OF CTH M / SOUTH OF VILLAGE OF TREMPEALEAU | | ---- | ---- | ---- | ---- | ---- | ---- | 152 |
| NPZ 51R | POINT | TREMPEALEAU | STH 35 | MCDONAH LN / SOUTH OF VILLAGE OF TREMPEALEAU | SOUTH ST | ---- | ---- | ---- | ---- | ---- | ---- | 485 |
| NPZ 52R | POINT | TREMPEALEAU | STH 35 | 890' NORTH OF SOUTH ST / SOUTH OF VILLAGE OF TREMPEALEAU | | ---- | ---- | ---- | ---- | ---- | ---- | 220 |
| NPZ 53R | POINT | TREMPEALEAU | STH 93 | 2370' NORTH OF TODD RD / CENTERVILLE | | ---- | ---- | ---- | ---- | ---- | ---- | 130 |
| NPZ 54R | POINT | TREMPEALEAU | STH 93 | 1930' NORTH OF FOX COULEE RD | | ---- | ---- | ---- | ---- | ---- | ---- | 340 |
| NPZ 55R | POINT | TREMPEALEAU | STH 93 | 3820' NORTH OF GERMAN COULEE RD | | ---- | ---- | ---- | ---- | ---- | ---- | 168 |
| NPZ 56R | POINT | TREMPEALEAU | STH 93 | 3565' NORTH OF HOLCOMB COULEE RD | | ---- | ---- | ---- | ---- | ---- | ---- | 160 |
| NPZ 57R | POINT | TREMPEALEAU | STH 93 | 4605' NORTH OF HOLCOMB COULEE RD (JUST SOUTH OF CTH F) | | ---- | ---- | ---- | ---- | ---- | ---- | 400 |
| NPZ 58R | POINT | TREMPEALEAU | STH 93 | 530' NORTH OF STH 121 WEST / NORTH OF INDEPENDENCE | | ---- | ---- | ---- | ---- | ---- | ---- | 267 |
| NPZ 59R | POINT | TREMPEALEAU | STH 93 | 430' SOUTH OF BAUMGARTNER LN CUT DASHES | | ---- | ---- | ---- | ---- | ---- | ---- | 255 |
| SUBTOTALS | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 3,674 |
| FROM PREVIOUS PAGE | | | | | | 13 | 1,155,358 | 1,590,132 | 35,353 | 76 | 213 | 14,523 |
| | | | | | | 13 | 1,155,358 | 1,590,132 | 35,353 | 76 | 213 | 18,197 |
| TOTALS | | | | | | 13 | 2,745,490 | 35,353 | 289 | | | 18,197 |
| PROJECT NO: 1000-18-17 | | | | | | | | | | | | |
| HWY: NORTHWEST REGION | | | | | | | | | | | | |
| COUNTY: NORTHWEST COUNTY | | | | | | | | | | | | |
| MISCELLANEOUS QUANTITIES | | | | | | | | | | | | |
| SHEET: | | | | | | | | | | | | |
| E | | | | | | | | | | | | |

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PAVEMENT MARKING (SPECIAL MARKING LOCATIONS) "CONTINUED ONTO NEXT PAGE"

MAP REFERENCE DOUGLAS 01
MAP REFERENCE HWY 35
MAP REFERENCE SITE ID 845 FT NORTH OF N 74TH ST - SOUTH OF SUPERIOR

| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | STH 35 NB | STH 35 SB | EB | N 74TH ST WB | TOTAL QUANTITY |
|------------|---------------------------------|----------|------------------|------|--------------|--------------|----|-----------------|-------------------|
| 646.5320 | MARKING RAILROAD CROSSING EPOXY | RAILROAD | MAINLINE | EACH | 1 | 1 | | | 2 |

MAP REFERENCE DOUGLAS 1000
MAP REFERENCE HWY 35
MAP REFERENCE SITE ID N 64TH ST THRU N 69TH ST -SUPERIOR

| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | STH 35 NB | STH 35 SB | EB | WB | TOTAL QUANTITY |
|------------|--------------------------------|--------------------|--------------------------------|------|--------------|--------------|----|----|-------------------|
| 646.7120 | MARKING DIAGONAL EPOXY 12-INCH | DIAGONAL-YELLOW | MEDIAN ISLAND | L.F. | | 125 | | | 125 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | TWLTL - TWO WAY LEFT TURN LANE | EACH | 10 | 10 | | | 20 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN ISLAND | EACH | | 1 | | | 1 |

MAP REFERENCE EAU CLAIRE 94
MAP REFERENCE HWY 12
MAP REFERENCE SITE ID CTH AA - ALTOONA

| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | CTH AA NB | SB | USH 12 EB | USH 12 WB | TOTAL QUANTITY |
|------------|---------------------------------|----------|------------------|------|--------------|----|--------------|--------------|-------------------|
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOP-BAR | MAINLINE | L.F. | | | 31 | 31 | 62 |
| 646.5120 | MARKING WORD EPOXY | ONLY | LEFT TURN LANE | EACH | | | 2 | 2 | 4 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | LEFT TURN LANE | EACH | | | 3 | 3 | 6 |

MAP REFERENCE EAU CLAIRE 93
MAP REFERENCE HWY 12
MAP REFERENCE SITE ID INDUSTRIAL DR - ALTOONA

| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | INDUSTRIAL DR NB | SB | USH 12 EB | USH 12 WB | TOTAL QUANTITY |
|------------|--------------------------------|-------------------|------------------|------|---------------------|----|--------------|--------------|-------------------|
| 646.7120 | MARKING DIAGONAL EPOXY 12-INCH | DIAGONAL - YELLOW | MEDIAN ISLAND | L.F. | | | 61 | 116 | 177 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | LEFT TURN LANE | EACH | | | 1 | | 1 |

MAP REFERENCE ST CROIX 48
MAP REFERENCE HWY 94
MAP REFERENCE SITE ID PARK & RIDE - HUDSON EXIT 2 ON COULEE RD

| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | COULEE RD NB | COULEE RD SB | I 94 EB | I 94 WB | TOTAL QUANTITY |
|------------|-----------------------------|---------------|------------------|------|-----------------|-----------------|------------|------------|-------------------|
| 646.8320 | MARKING PARKING STALL EPOXY | PARKING STALL | PARK & RIDE | L.F. | 2,805 | | | | 2805 |
| 646.5220 | MARKING SYMBOL EPOXY | HANDICAP | PARK & RIDE | EACH | 4 | | | | 4 |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | PARK & RIDE | L.F. | 460 | | | | 460 |

MAP REFERENCE ST CROIX 53A
MAP REFERENCE HWY 63
MAP REFERENCE SITE ID 55TH AVE - BALDWIN - NORTH OF IH 94

| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | USH 63 NB | USH 63 SB | 55TH AVE EB | 55TH AVE WB | TOTAL QUANTITY |
|------------|---------------------------------|--------------------|------------------|------|--------------|--------------|----------------|----------------|-------------------|
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOP-BAR | MAINLINE | L.F. | 51 | | | | 51 |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | MEDIAN ISLAND | L.F. | 10 | | | | 10 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN ISLAND | EACH | 1 | | | | 1 |

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PAVEMENT MARKING (SPECIAL MARKING LOCATIONS) "CONTINUED ONTO NEXT PAGE"

MAP REFERENCE ST CROIX 53B
MAP REFERENCE HWY 63
MAP REFERENCE SITE ID 55TH AVE - BALDWIN - NORTH OF IH 94

| | | | | | USH 63 | USH 63 | 55TH AVE | 55TH AVE | TOTAL |
|------------|---------------------------------|--------------------|------------------|------|--------|--------|----------|----------|----------|
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOP-BAR | MAINLINE | L.F. | | 54 | | | 54 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN ISLAND | EACH | | 1 | | | 1 |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | MEDIAN ISLAND | L.F. | | 10 | | | 10 |

MAP REFERENCE ST CROIX 53BB
MAP REFERENCE HWY 63
MAP REFERENCE SITE ID START OF DVD HWY - BALDWIN - NORTH OF IH 94

| | | | | | USH 63 | USH 63 | START OF DVD HWY | | TOTAL |
|------------|---------------------------|--------------------|------------------|------|--------|--------|------------------|----|----------|
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN ISLAND | EACH | | 1 | | | 1 |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | MEDIAN ISLAND | L.F. | | 10 | | | 10 |

MAP REFERENCE ST CROIX 97
MAP REFERENCE HWY 63
MAP REFERENCE SITE ID OAK ST - BALDWIN

| | | | | | USH 63 | USH 63 | OAK ST | OAK ST | TOTAL |
|------------|--------------------------------|-------------------|------------------|------|--------|--------|--------|--------|----------|
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.7120 | MARKING DIAGONAL EPOXY 12-INCH | DIAGONAL - YELLOW | MEDIAN ISLAND | L.F. | | 23 | | | 23 |

MAP REFERENCE ST CROIX 98
MAP REFERENCE HWY 63
MAP REFERENCE SITE ID MAPLE ST - BALDWIN

| | | | | | USH 63 | USH 63 | MAPLE ST | MAPLE ST | TOTAL |
|------------|---------------------------------|----------|------------------|------|--------|--------|----------|----------|----------|
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOP-BAR | MAINLINE | L.F. | 23 | 24 | | | 47 |
| 646.5120 | MARKING WORD EPOXY | ONLY | LEFT TURN LANE | EACH | 1 | 1 | | | 2 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | LEFT TURN LANE | EACH | 1 | 1 | | | 2 |

MAP REFERENCE ST CROIX 77A
MAP REFERENCE HWY 63
MAP REFERENCE SITE ID FERN ST / 60TH AVE - BALDWIN

| | | | | | USH 63 | USH 63 | 60TH AVE | FERN DR | TOTAL |
|------------|---------------------------------|--------------------|------------------|------|--------|--------|----------|---------|----------|
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOP-BAR | MAINLINE | L.F. | 39 | | | | 39 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | LEFT TURN LANE | EACH | 2 | | | | 2 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | RIGHT TURN LANE | EACH | 2 | | | | 2 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN ISLAND | EACH | 2 | | | | 2 |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | MEDIAN ISLAND | L.F. | 122 | | | | 122 |

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PAVEMENT MARKING (SPECIAL MARKING LOCATIONS) "CONTINUED ONTO NEXT PAGE"

MAP REFERENCE ST CROIX 77B
MAP REFERENCE HWY 63
MAP REFERENCE SITE ID 60TH AVE / FERN ST - BALDWIN

| | | | | | USH 63 | USH 63 | 60TH AVE | FERN DR | TOTAL |
|------------|---------------------------------|--------------------|------------------|------|--------|--------|----------|---------|----------|
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOP-BAR | MAINLINE | L.F. | | 33 | | | 33 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | LEFT TURN LANE | EACH | | 2 | | | 2 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | RIGHT TURN LANE | EACH | | 2 | | | 2 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN ISLAND | EACH | | 2 | | | 2 |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | MEDIAN ISLAND | L.F. | | 157 | | | 157 |
| 646.7120 | MARKING DIAGONAL EPOXY 12-INCH | DIAGONAL-YELLOW | MEDIAN ISLAND | EACH | | 99 | | | 99 |

MAP REFERENCE ST CROIX 78
MAP REFERENCE HWY 63
MAP REFERENCE SITE ID 55TH AVE TO FERN ST - BALDWIN

| | | | | | USH 63 | USH 63 | 60TH AVE | FERN DR | TOTAL |
|------------|---------------------|--------|--------------------------------|------|--------|--------|----------|---------|----------|
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | TWLTL - TWO WAY LEFT TURN LANE | EACH | 8 | | | | 8 |

MAP REFERENCE ST CROIX 20C
MAP REFERENCE HWY 63
MAP REFERENCE SITE ID USH 12 WEST JCT - NORTH END OF BALDWIN

| | | | | | USH 63 | USH 63 | USH 12 | 80TH ST | TOTAL |
|------------|--------------------------------|-------------------|------------------|------|--------|--------|--------|---------|----------|
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.7120 | MARKING DIAGONAL EPOXY 12-INCH | DIAGONAL - YELLOW | MEDIAN ISLAND | EACH | | 106 | | | 106 |

MAP REFERENCE ST CROIX 22A
MAP REFERENCE HWY 63
MAP REFERENCE SITE ID MAIN ST - BALDWIN

| | | | | | USH 63 | USH 63 | MAIN ST | MAIN ST | TOTAL |
|------------|---------------------------------|--------------------|------------------|------|--------|--------|---------|---------|----------|
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.7120 | MARKING DIAGONAL EPOXY 12-INCH | DIAGONAL-YELLOW | MEDIAN ISLAND | L.F. | 52 | | | | 52 |
| 646.5120 | MARKING WORD EPOXY | ONLY | LEFT TURN LANE | EACH | 1 | | | | 1 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | LEFT TURN LANE | EACH | 1 | | | | 1 |
| 646.5320 | MARKING RAILROAD CROSSING EPOXY | RAILROAD | MAINLINE | EACH | 1 | | | | 1 |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | MEDIAN ISLAND | L.F. | 54 | | | | 54 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN ISLAND | EACH | 2 | | | | 2 |

MAP REFERENCE ST CROIX 22B
MAP REFERENCE HWY 63
MAP REFERENCE SITE ID MAIN ST - BALDWIN

| | | | | | USH 63 | USH 63 | RAILROAD CROSSING | RAILROAD CROSSING | TOTAL |
|------------|---------------------------------|--------------------|------------------|------|--------|--------|-------------------|-------------------|----------|
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | MEDIAN ISLAND | L.F. | | 51 | | | 51 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN ISLAND | EACH | | 2 | | | 2 |
| 646.5320 | MARKING RAILROAD CROSSING EPOXY | RAILROAD | MAINLINE | EACH | | 1 | | | 1 |
| 646.5120 | MARKING WORD EPOXY | ONLY | LEFT TURN LANE | EACH | | 1 | | | 1 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | LEFT TURN LANE | EACH | | 1 | | | 1 |
| 646.7120 | MARKING DIAGONAL EPOXY 12-INCH | DIAGONAL-YELLOW | MEDIAN ISLAND | L.F. | | 88 | | | 88 |

| PAVEMENT MARKING (SPECIAL MARKING LOCATIONS) "CONTINUED ONTO NEXT PAGE" | | | | | | | | | |
|---|--|--------------------|--------------------------------|------|--------|--------|-----------|----------|----------|
| MAP REFERENCE | ST CROIX 83 | | | | | | | | |
| MAP REFERENCE HWY | 63 | | | | | | | | |
| MAP REFERENCE SITE ID | MAIN ST TO USH 12 EAST JCT - BALDWIN | | | | | | | | |
| | | | | | USH 63 | USH 63 | NEWTON ST | | TOTAL |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | TWLTL - TWO WAY LEFT TURN LANE | EACH | 6 | | | | 6 |
| MAP REFERENCE | ST CROIX 23A | | | | | | | | |
| MAP REFERENCE HWY | 63 | | | | | | | | |
| MAP REFERENCE SITE ID | CEDAR ST - BALDWIN | | | | | | | | |
| | | | | | USH 63 | USH 63 | CEDAR ST | CEDAR ST | TOTAL |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOP-BAR | MAINLINE | L.F. | 23 | | | | 23 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | LEFT TURN LANE | EACH | 2 | | | | 2 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | RIGHT TURN LANE | EACH | 2 | | | | 2 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN ISLAND | EACH | 1 | | | | 1 |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | MEDIAN ISLAND | L.F. | 110 | | | | 110 |
| 646.7120 | MARKING DIAGONAL EPOXY 12-INCH | DIAGONAL-YELLOW | MEDIAN ISLAND | L.F. | 112 | | | | 112 |
| MAP REFERENCE | ST CROIX 23B | | | | | | | | |
| MAP REFERENCE HWY | 63 | | | | | | | | |
| MAP REFERENCE SITE ID | CEDAR ST - BALDWIN | | | | | | | | |
| | | | | | USH 63 | USH 63 | CEDAR ST | CEDAR ST | TOTAL |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOP-BAR | MAINLINE | L.F. | | 35 | | | 35 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | LEFT TURN LANE | EACH | | 2 | | | 2 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | RIGHT TURN LANE | EACH | | 2 | | | 2 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN ISLAND | EACH | | 2 | | | 2 |
| 646.7120 | MARKING DIAGONAL EPOXY 12-INCH | DIAGONAL-YELLOW | MEDIAN ISLAND | L.F. | | 96 | | | 96 |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | MEDIAN ISLAND | L.F. | | 116 | | | 116 |
| MAP REFERENCE | ST CROIX 20A | | | | | | | | |
| MAP REFERENCE HWY | 12 | | | | | | | | |
| MAP REFERENCE SITE ID | USH 63 - WEST JCT NORTH END OF BALDWIN | | | | | | | | |
| | | | | | USH 63 | USH 63 | USH 12 | USH 12 | TOTAL |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOP-BAR | MAINLINE | L.F. | | | 35 | | 35 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN ISLAND | EACH | | | 1 | | 1 |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | MEDIAN ISLAND | L.F. | | | 10 | | 10 |
| MAP REFERENCE | ST CROIX 20AA | | | | | | | | |
| MAP REFERENCE HWY | 12 | | | | | | | | |
| MAP REFERENCE SITE ID | USH 63 - EAST JCT IN BALDWIN | | | | | | | | |
| | | | | | USH 63 | USH 63 | USH 12 | USH 12 | TOTAL |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOP-BAR | MAINLINE | L.F. | | | | 26 | 26 |
| 646.5120 | MARKING WORD EPOXY | ONLY | LEFT TURN LANE | EACH | | | 1 | | 1 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | LEFT TURN LANE | EACH | | | 1 | | 1 |
| 646.7120 | MARKING DIAGONAL EPOXY 12-INCH | DIAGONAL-YELLOW | MEDIAN ISLAND | L.F. | | | 68 | | 68 |

PAVEMENT MARKING (SPECIAL MARKING LOCATIONS) "CONTINUED ONTO NEXT PAGE"

MAP REFERENCE ST CROIX 20B
MAP REFERENCE HWY 12
MAP REFERENCE SITE ID USH 63 - WEST JCT IN BALDWIN

| | | | | | USH 63 | USH 63 | USH 12 | USH 12, 80TH ST | TOTAL |
|------------|---------------------------|--------------------|------------------|------|--------|--------|--------|-----------------|----------|
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | LEFT TURN LANE | EACH | | | | 2 | 2 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | RIGHT TURN LANE | EACH | | | | 2 | 2 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN ISLAND | EACH | | | | 1 | 1 |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | MEDIAN ISLAND | L.F. | | | | 124 | 124 |

MAP REFERENCE ST CROIX 21
MAP REFERENCE HWY 12
MAP REFERENCE SITE ID USH 12 WEST JCT TO USH 12 EAST JCT - BALDWIN

| | | | | | USH 63 | USH 63 | USH 12 | USH 12 | TOTAL |
|------------|---------------------|--------|--------------------------------|------|--------|--------|--------|--------|----------|
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | TWLTL - TWO WAY LEFT TURN LANE | EACH | | | 22 | | 22 |

MAP REFERENCE ST CROIX 33
MAP REFERENCE HWY 63
MAP REFERENCE SITE ID 47TH AVE - SOUTH OF BALDWIN

| | | | | | USH 63 | USH 63 | | 47TH AVE | TOTAL |
|------------|--------------------------------|--------------------|------------------|------|--------|--------|----|----------|----------|
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.7120 | MARKING DIAGONAL EPOXY 12-INCH | DIAGONAL-YELLOW | MEDIAN ISLAND | L.F. | 321 | | | | 321 |
| 646.5120 | MARKING WORD EPOXY | ONLY | LEFT TURN LANE | EACH | | 1 | | | 1 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | LEFT TURN LANE | EACH | | 1 | | | 1 |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | MEDIAN ISLAND | L.F. | 50 | | | | 50 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN ISLAND | EACH | 1 | | | | 1 |

MAP REFERENCE ST CROIX 19
MAP REFERENCE HWY 65
MAP REFERENCE SITE ID CARLSON AVE - NEW RICHMOND

| | | | | | STH 65 | STH 65 | CARLSON AVE | BALLPARK DR | TOTAL |
|------------|--------------------------------|-----------------|----------------------------|------|--------|--------|-------------|-------------|----------|
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.7120 | MARKING DIAGONAL EPOXY 12-INCH | DIAGONAL-WHITE | RIGHT SHOULDER / BIKE LANE | L.F. | | 1,130 | | | 1,130 |
| 646.7120 | MARKING DIAGONAL EPOXY 12-INCH | DIAGONAL-YELLOW | MEDIAN ISLAND | L.F. | 395 | 96 | | | 491 |
| 646.5120 | MARKING WORD EPOXY | ONLY | LEFT TURN LANE | EACH | | 1 | | | 1 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | LEFT TURN LANE | EACH | | 2 | | | 2 |

MAP REFERENCE ST CROIX 26A
MAP REFERENCE HWY 64
MAP REFERENCE SITE ID STH 65 - NEW RICHMOND

| | | | | | STH 65 | STH 65 | STH 64 | STH 64 | TOTAL |
|------------|---------------------------------|--------------------|------------------|------|--------|--------|--------|--------|----------|
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOP-BAR | MAINLINE | L.F. | | | 33 | | 33 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN ISLAND | EACH | | | 1 | | 1 |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | MEDIAN ISLAND | L.F. | | | 10 | | 10 |

3

| PAVEMENT MARKING (SPECIAL MARKING LOCATIONS) "CONTINUED ONTO NEXT PAGE" | | | | | | | | | |
|---|---------------------------------|--------------------|------------------|------|--------------|--------------|------------------|------------------|-------------------|
| MAP REFERENCE | ST CROIX 26B | | | | | | | | |
| MAP REFERENCE HWY | 64 | | | | | | | | |
| MAP REFERENCE SITE ID | STH 65 - NEW RICHMOND | | | | | | | | |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | STH 65 NB | STH 65 SB | STH 64 EB | STH 64 WB | TOTAL QUANTITY |
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOP-BAR | MAINLINE | L.F. | | | | 33 | 33 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN | EACH | | | | 1 | 1 |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | MEDIAN ISLAND | L.F. | | | | 10 | 10 |
| MAP REFERENCE | ST CROIX 26C | | | | | | | | |
| MAP REFERENCE HWY | 65 | | | | | | | | |
| MAP REFERENCE SITE ID | STH 64 - NEW RICHMOND | | | | | | | | |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | STH 65 NB | STH 65 SB | STH 64 EB | STH 64 WB | TOTAL QUANTITY |
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOP-BAR | MAINLINE | L.F. | 52 | | | | 52 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN ISLAND | EACH | 1 | 1 | | | 2 |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | MEDIAN ISLAND | L.F. | 10 | 10 | | | 20 |
| MAP REFERENCE | ST CROIX 26D | | | | | | | | |
| MAP REFERENCE HWY | 65 | | | | | | | | |
| MAP REFERENCE SITE ID | STH 64 - NEW RICHMOND | | | | | | | | |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | STH 65 NB | STH 65 SB | STH 64 EB | STH 64 WB | TOTAL QUANTITY |
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOP-BAR | MAINLINE | L.F. | | 50 | | | 50 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | ISLAND NOSE-YELLOW | MEDIAN ISLAND | EACH | 1 | 1 | | | 2 |
| 646.8120 | MARKING CURB EPOXY | CURB-YELLOW | MEDIAN ISLAND | L.F. | 10 | 10 | | | 20 |
| MAP REFERENCE | ST CROIX 76 | | | | | | | | |
| MAP REFERENCE HWY | 64 | | | | | | | | |
| MAP REFERENCE SITE ID | CTH T - EAST OF NEW RICHMOND | | | | | | | | |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | CTH T NB | CTH T SB | STH 64 EB | STH 64 WB | TOTAL QUANTITY |
| 646.7120 | MARKING DIAGONAL EPOXY 12-INCH | DIAGONAL-YELLOW | MEDIAN ISLAND | L.F. | | | 30 | 135 | 165 |
| 646.5120 | MARKING WORD EPOXY | ONLY | LEFT TURN LANE | EACH | | | 1 | 1 | 2 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | LEFT TURN LANE | EACH | | | 2 | 2 | 4 |
| MAP REFERENCE | ST CROIX 75 | | | | | | | | |
| MAP REFERENCE HWY | 65 | | | | | | | | |
| MAP REFERENCE SITE ID | NORTH SHORE DR - NEW RICHMOND | | | | | | | | |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | STH 65 NB | STH 65 SB | N SHORE DR EB | N SHORE DR WB | TOTAL QUANTITY |
| 646.5120 | MARKING WORD EPOXY | ONLY | LEFT TURN LANE | EACH | 1 | 1 | | | 2 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | LEFT TURN LANE | EACH | 1 | 1 | | | 2 |
| | | | | | | | | | |

3

3

| PAVEMENT MARKING (SPECIAL MARKING LOCATIONS) "CONTINUED ONTO NEXT PAGE" | | | | | | | | | |
|---|---------------------------------|--------------------|--------------------------------|------|----|--------|--------|------------|------------|
| MAP REFERENCE | | BURNETT 07A | | | | | | | |
| MAP REFERENCE HWY | | 35 | | | | | | | |
| MAP REFERENCE SITE ID | | STH 70 - SIREN | | | | | | | |
| | | | | | | STH 35 | STH 35 | STH 70 | CTH B |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | TOTAL |
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOPBAR | MAINLINE | L.F. | 21 | 29 | | | QUANTITY |
| 646.7120 | MARKING DIAGONAL EPOXY 12-INCH | DIAGONAL-YELLOW | MEDIAN ISLAND | L.F. | 29 | | | | 50 |
| 646.5120 | MARKING WORD EPOXY | ONLY | RIGHT TURN LANE | EACH | | 1 | | | 29 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | RIGHT TURN LANE | EACH | | 2 | | | 1 |
| 646.8220 | MARKING ISLAND NOSE EPOXY | YELLOW | MEDIAN ISLAND | EACH | | 1 | | | 2 |
| MAP REFERENCE | | BURNETT 07B | | | | | | | |
| MAP REFERENCE HWY | | 70 | | | | | | | |
| MAP REFERENCE SITE ID | | STH 35 - SIREN | | | | | | | |
| | | | | | | STH 35 | STH 35 | STH 70 | CTH B |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | TOTAL |
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOPBAR | MAINLINE | L.F. | | | 41 | | QUANTITY |
| MAP REFERENCE | | BURNETT 09 | | | | | | | |
| MAP REFERENCE HWY | | 35 | | | | | | | |
| MAP REFERENCE SITE ID | | BRADLEY ST - SIREN | | | | | | | |
| | | | | | | STH 35 | STH 35 | BRADLEY ST | BRADLEY ST |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | TOTAL |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | TWLTL - TWO WAY LEFT TURN LANE | EACH | 2 | 2 | | | QUANTITY |
| MAP REFERENCE | | BURNETT 10 | | | | | | | |
| MAP REFERENCE HWY | | 35 | | | | | | | |
| MAP REFERENCE SITE ID | | JOHNSON ST - SIREN | | | | | | | |
| | | | | | | STH 35 | STH 35 | JOHNSON ST | JOHNSON ST |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | TOTAL |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | TWLTL - TWO WAY LEFT TURN LANE | EACH | 2 | 2 | | | QUANTITY |
| MAP REFERENCE | | BURNETT 11 | | | | | | | |
| MAP REFERENCE HWY | | 35 | | | | | | | |
| MAP REFERENCE SITE ID | | MAIN ST - SIREN | | | | | | | |
| | | | | | | STH 35 | STH 35 | MAIN ST | MAIN ST |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | TOTAL |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | TWLTL - TWO WAY LEFT TURN LANE | EACH | 2 | 2 | | | QUANTITY |
| MAP REFERENCE | | BURNETT 12 | | | | | | | |
| MAP REFERENCE HWY | | 35 | | | | | | | |
| MAP REFERENCE SITE ID | | LAKE ST - SIREN | | | | | | | |
| | | | | | | STH 35 | STH 35 | LAKE ST | LAKE ST |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | TOTAL |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | TWLTL - TWO WAY LEFT TURN LANE | EACH | 2 | 2 | | | QUANTITY |

3

3

3

PAVEMENT MARKING (SPECIAL MARKING LOCATIONS) "CONTINUED ONTO NEXT PAGE"

| | | | | | | | | | |
|-----------------------|-----------------------------|--------|--------------------------------|------|--------|--------|---------------|---------------|----------|
| MAP REFERENCE | BURNETT 13 | | | | | | | | |
| MAP REFERENCE HWY | 35 | | | | | | | | |
| MAP REFERENCE SITE ID | DJOCK ST - SIREN | | | | | | | | |
| | | | | | STH 35 | STH 35 | | DJOCK ST | TOTAL |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | | | | | QUANTITY |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | TWLTL - TWO WAY LEFT TURN LANE | EACH | 2 | 2 | | | 4 |
| MAP REFERENCE | BURNETT 14 | | | | | | | | |
| MAP REFERENCE HWY | 35 | | | | | | | | |
| MAP REFERENCE SITE ID | WORK PROGRESS ST - SIREN | | | | | | WORK PROGRESS | WORK PROGRESS | |
| | | | | | STH 35 | STH 35 | ST | ST | TOTAL |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | TWLTL - TWO WAY LEFT TURN LANE | EACH | 2 | 2 | | | 4 |
| MAP REFERENCE | BURNETT 15 | | | | | | | | |
| MAP REFERENCE HWY | 35 | | | | | | | | |
| MAP REFERENCE SITE ID | S SHORE DR - SIREN | | | | | | | | |
| | | | | | STH 35 | STH 35 | | S SHORE DR | TOTAL |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | TWLTL - TWO WAY LEFT TURN LANE | EACH | 2 | 2 | | | 4 |
| MAP REFERENCE | BURNETT 16 | | | | | | | | |
| MAP REFERENCE HWY | 35 | | | | | | | | |
| MAP REFERENCE SITE ID | ELIZABETH ST - SIREN | | | | | | | | |
| | | | | | STH 35 | STH 35 | | ELIZABETH ST | TOTAL |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | TWLTL - TWO WAY LEFT TURN LANE | EACH | 2 | 1 | | | 3 |
| MAP REFERENCE | BURNETT 17 | | | | | | | | |
| MAP REFERENCE HWY | 35 | | | | | | | | |
| MAP REFERENCE SITE ID | PARK ST - SIREN | | | | | | | | |
| | | | | | STH 35 | STH 35 | PARK ST W | | TOTAL |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | TWLTL - TWO WAY LEFT TURN LANE | EACH | 2 | 2 | | | 4 |
| MAP REFERENCE | BURNETT 18 | | | | | | | | |
| MAP REFERENCE HWY | 35 | | | | | | | | |
| MAP REFERENCE SITE ID | SIREN PARK ENTRANCE - SIREN | | | | | | | | |
| | | | | | STH 35 | STH 35 | | PARK ENTRANCE | TOTAL |
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | TWLTL - TWO WAY LEFT TURN LANE | EACH | 6 | 6 | | | 12 |

3

| | | | | | STH 35 | STH 35 | SERVICE RD | TOTAL | |
|------------|---------------------------|--------|------------------|------|--------|--------|------------|-------|----------|
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | NB | SB | EB | WB | QUANTITY |
| 646.8220 | MARKING ISLAND NOSE EPOXY | YELLOW | MEDIAN ISLAND | EACH | 1 | | | | 1 |

| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | STH 35 NB | STH 35 SB | NORTH SHORE DR EB | WB | TOTAL QUANTITY |
|------------|---------------------------|--------|------------------|------|--------------|--------------|----------------------|----|-------------------|
| 646.8220 | MARKING ISLAND NOSE EPOXY | YELLOW | MEDIAN ISLAND | EACH | | 1 | | | 1 |

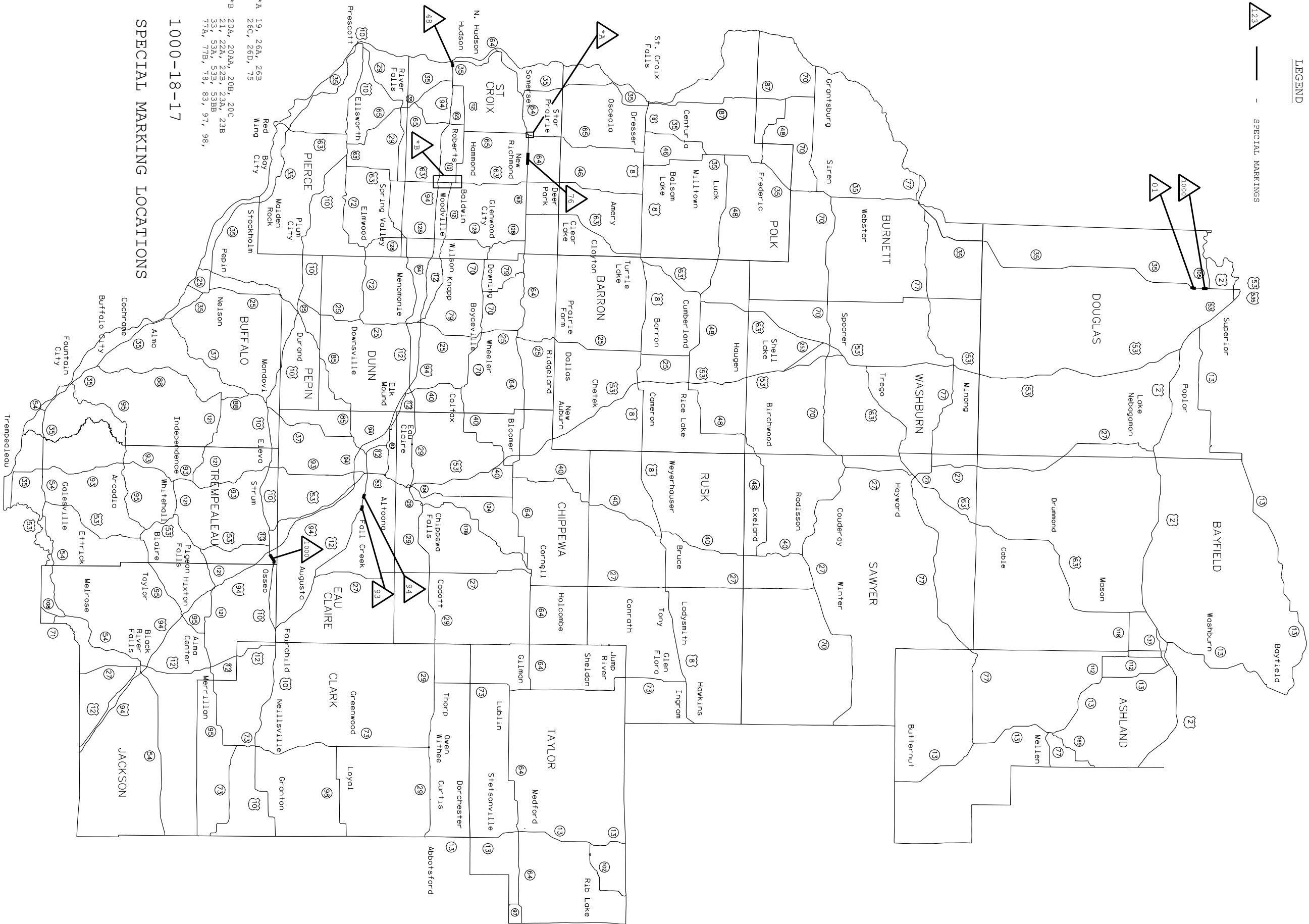
| BID ITEM # | DESCRIPTION | SMCODE | MARKING LOCATION | UNIT | HILLTOP RD NB | TRUGAS RD SB | USH 10 EB | USH 10 WB | TOTAL QUANTITY |
|------------|---------------------------------|---------|------------------|------|------------------|-----------------|--------------|--------------|-------------------|
| 646.6120 | MARKING STOP LINE EPOXY 18-INCH | STOPBAR | MAINLINE | L.F. | 46 | 34 | | | 80 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 2 | RT TURN LANE | EACH | 2 | 1 | | | 3 |
| 646.5020 | MARKING ARROW EPOXY | TYPE 3 | LEFT TURN LANE | EACH | 2 | 1 | | | 3 |

3

FILE NAME : N:\PDS\...\030200_mq.pptx PLOT DATE : DECEMBER 17, 2018 PLOT BY : N.J.U. PLOT NAME : PLOT SCALE : 1:1

LEGEND

▲123 - SPECIAL MARKINGS

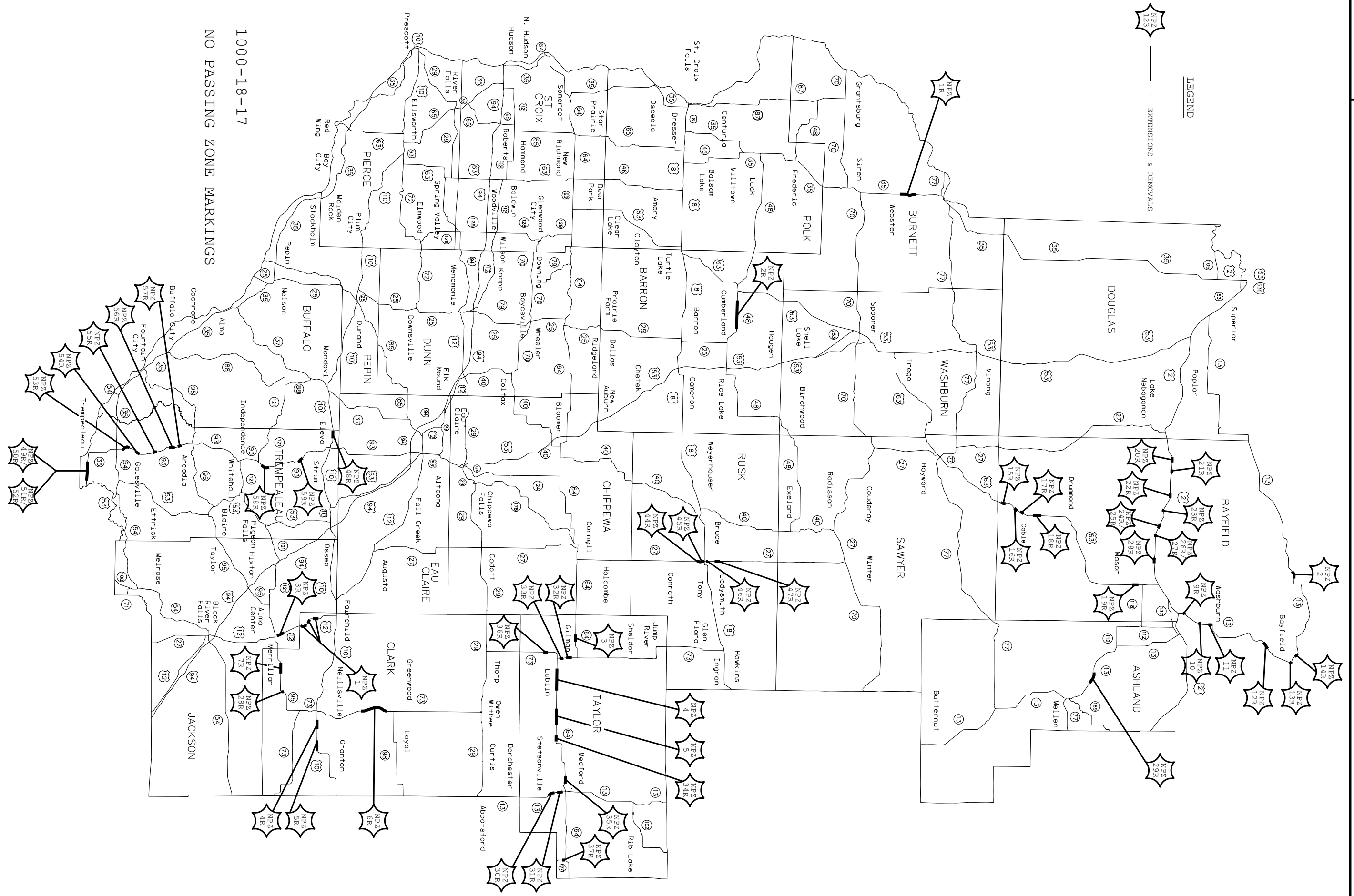


*A, 19, 26A, 26B
26C, 26D, 75

*B, 20A, 20AA, 20B, 20C
21, 22A, 22B, 23A, 23B
33, 33A, 33B, 33BB
77A, 77B, 78, 83, 97, 98,

1000-18-17

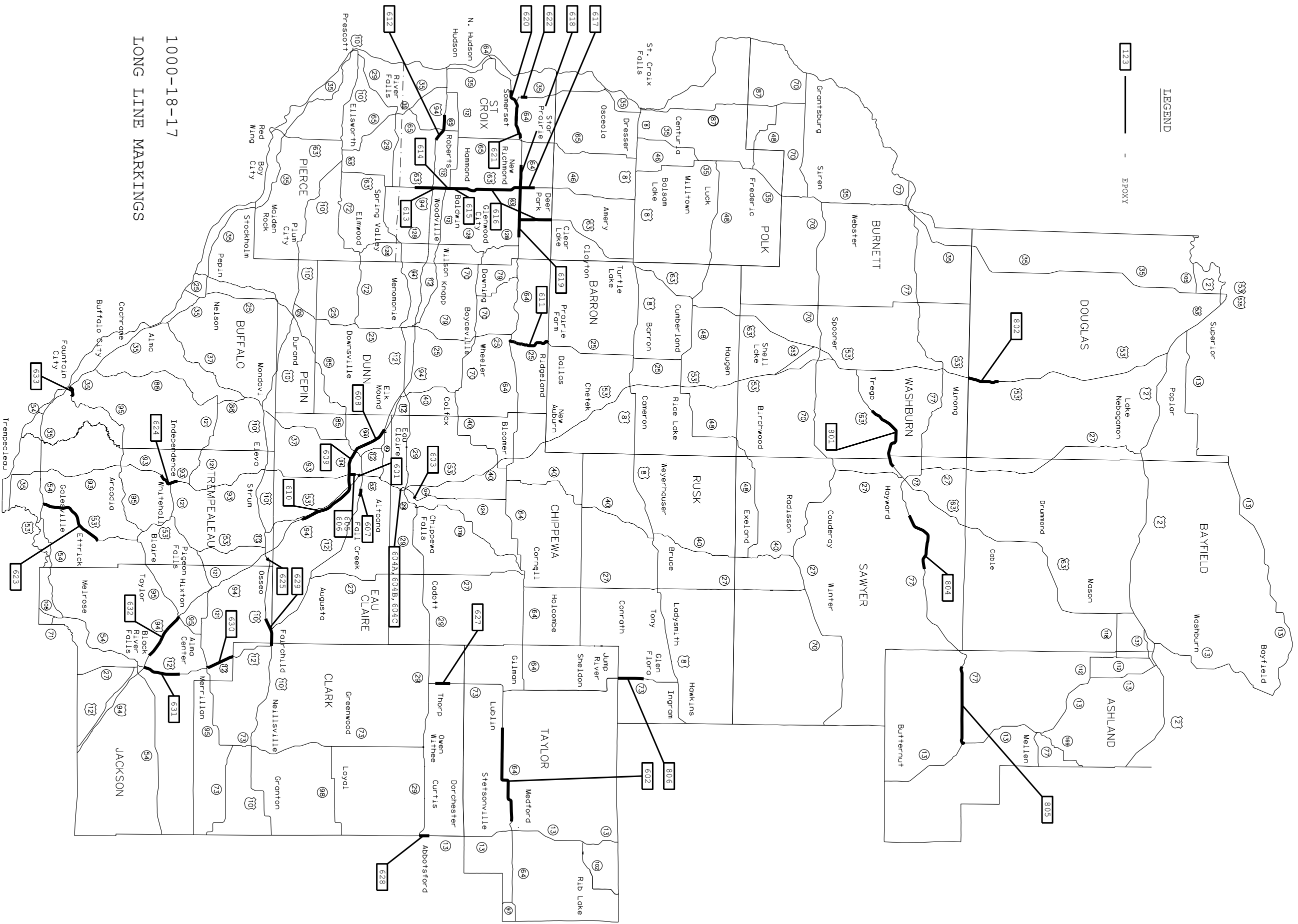
SPECIAL MARKING LOCATIONS



LEGEND

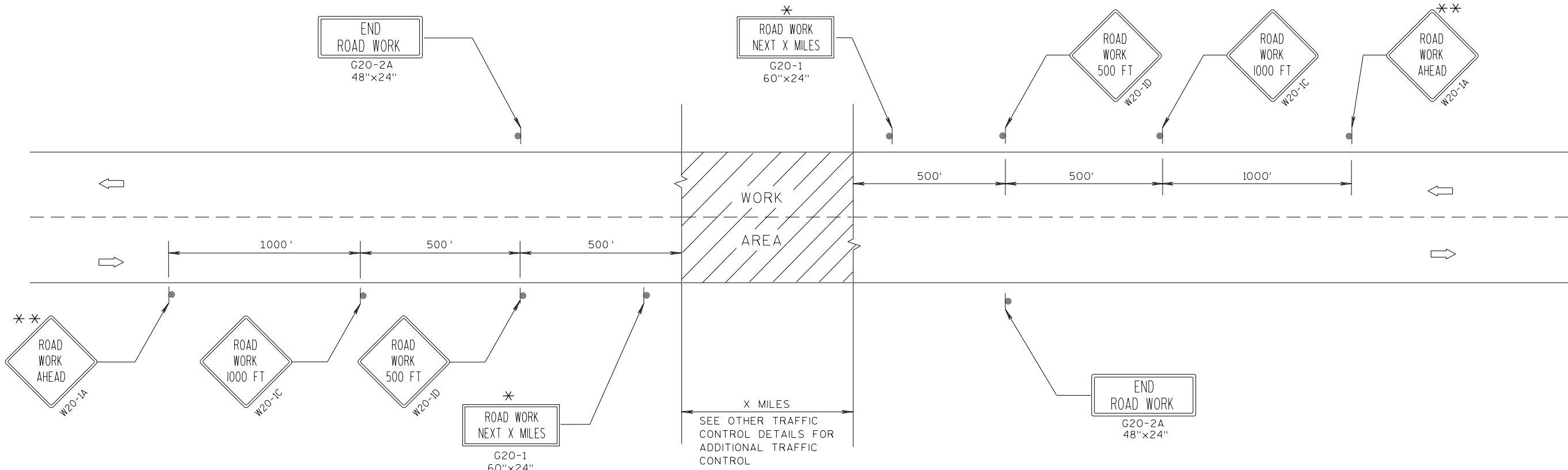
NP2 123
- EXTENSIONS & REMOVALS

1000-18-17
NO PASSING ZONE MARKINGS



Standard Detail Drawing List

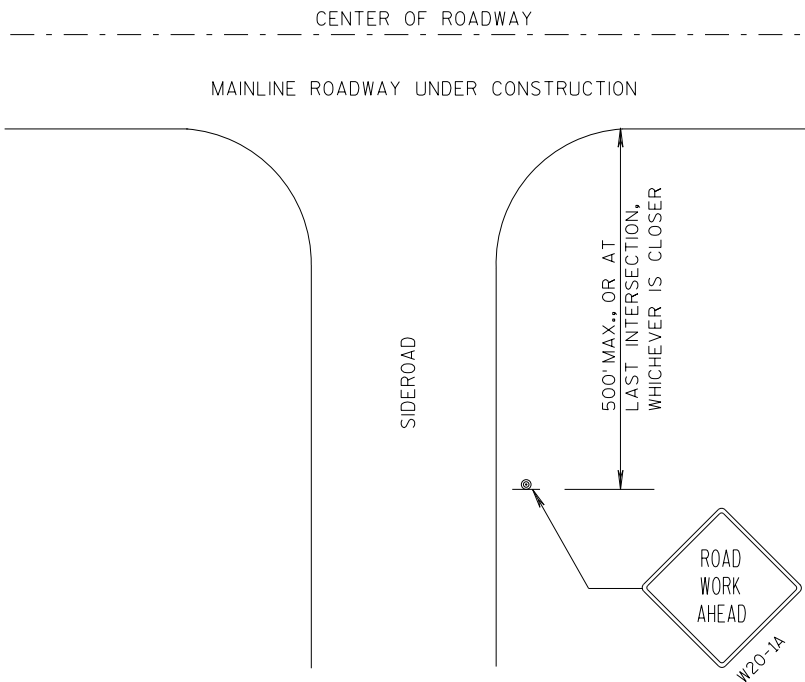
| | |
|-----------|--|
| 15C04-05 | TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC |
| 15C05-05 | TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS |
| 15C06-09 | SIGNING & MARKING FOR TWO LANE BRIDGES |
| 15C07-14A | PAVEMENT MARKING SYMBOLS |
| 15C07-14B | PAVEMENT MARKING WORDS |
| 15C07-14C | PAVEMENT MARKING ARROWS |
| 15C08-19A | LONGITUDINAL MARKING (MAINLINE) |
| 15C08-19B | PAVEMENT MARKING (TURN LANES) |
| 15C08-19C | PAVEMENT MARKING (TURN LANES) |
| 15C09-11A | SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS |
| 15C12-06 | TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION |
| 15C18-04 | MEDIAN ISLAND MARKING |
| 15C19-05A | MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY |
| 15C19-05B | MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY |
| 15C19-05C | MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY |
| 15C21-08 | SIGNING AND MARKING FOR TWO LANE TO FOUR LANE DIVIDED TRANSITIONS |
| 15C27-03A | DOUBLE ARROW WARNING SIGN PLACEMENT |
| 15C27-03B | PAVEMENT MARKING (ISLANDS) |
| 15C31-03A | PAVEMENT MARKING (RAMPS AND GORES) |
| 15C31-03C | PAVEMENT MARKING FOR PARALLEL ON-RAMP AND PARALLEL OFF-RAMP |
| 15C33-03 | STOP LINE AND CROSSWALK PAVEMENT MARKING |
| 15C35-03A | PAVEMENT MARKING (INTERSECTIONS) |
| 15C35-03B | PAVEMENT MARKING AND SIGNING (CLIMBING LANE & PASSING LANE) |
| 15C35-03C | PAVEMENT MARKING AND SIGNING (CLIMBING LANE & PASSING LANE) |



TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL

GENERAL NOTES

- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.
- 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"x48" UNLESS OTHERWISE NOTED.
- SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.
- IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.
- * OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.
- * * PLACE ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



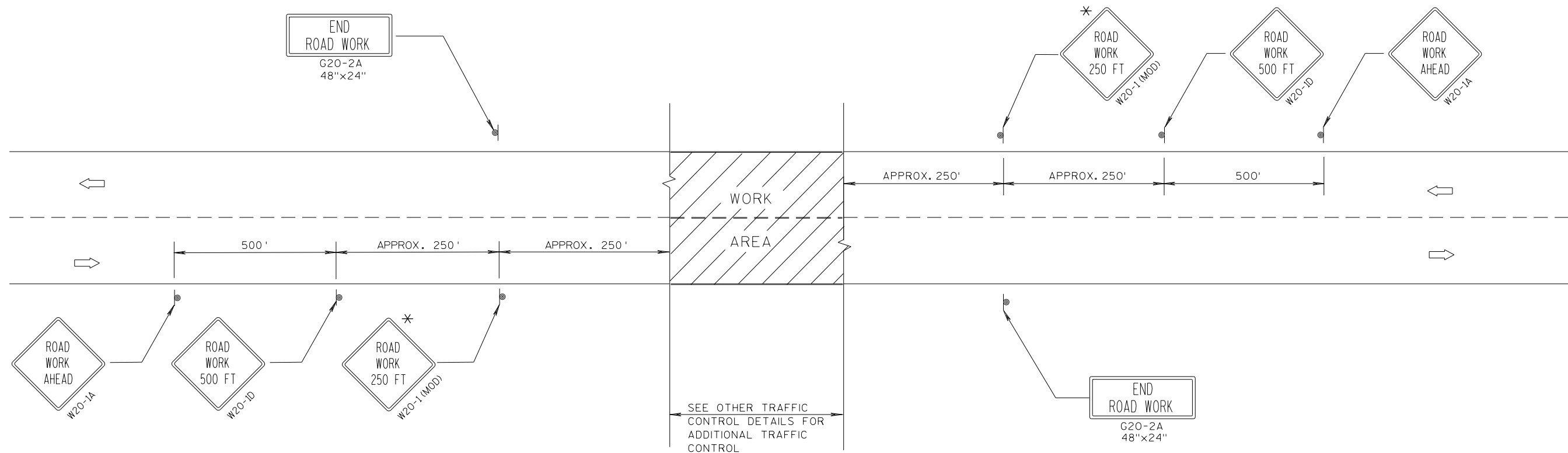
LEGEND

- ⊙ SIGN ON PERMANENT SUPPORT
- ➡ DIRECTION OF TRAFFIC
- ▨ WORK AREA

TRAFFIC CONTROL, ADVANCE
WARNING SIGNS 45 M.P.H.
OR GREATER TWO-WAY
UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER
FHWA



TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL

GENERAL NOTES

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

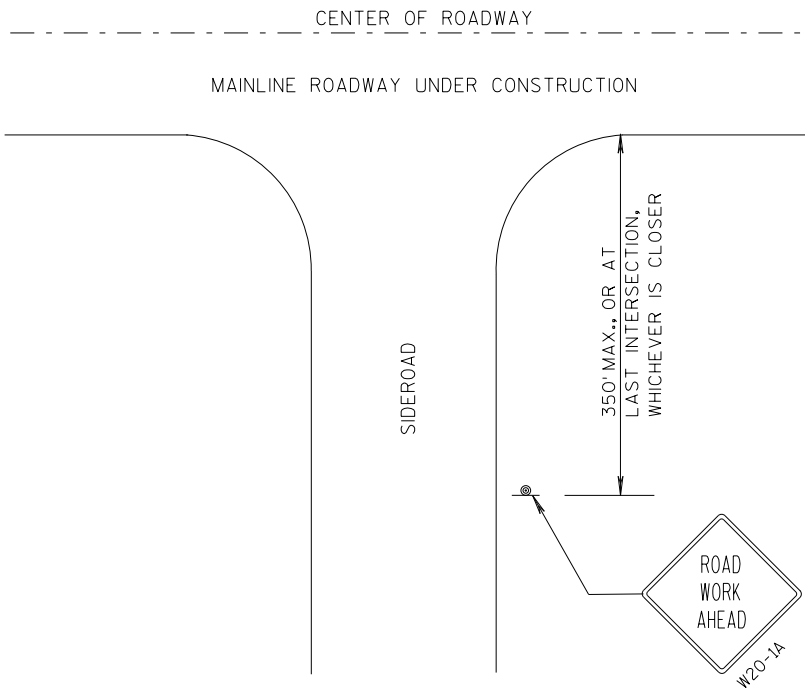
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"x36" SIGNS MAY BE USED INSTEAD OF 48"x48" SIGNS.

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

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.

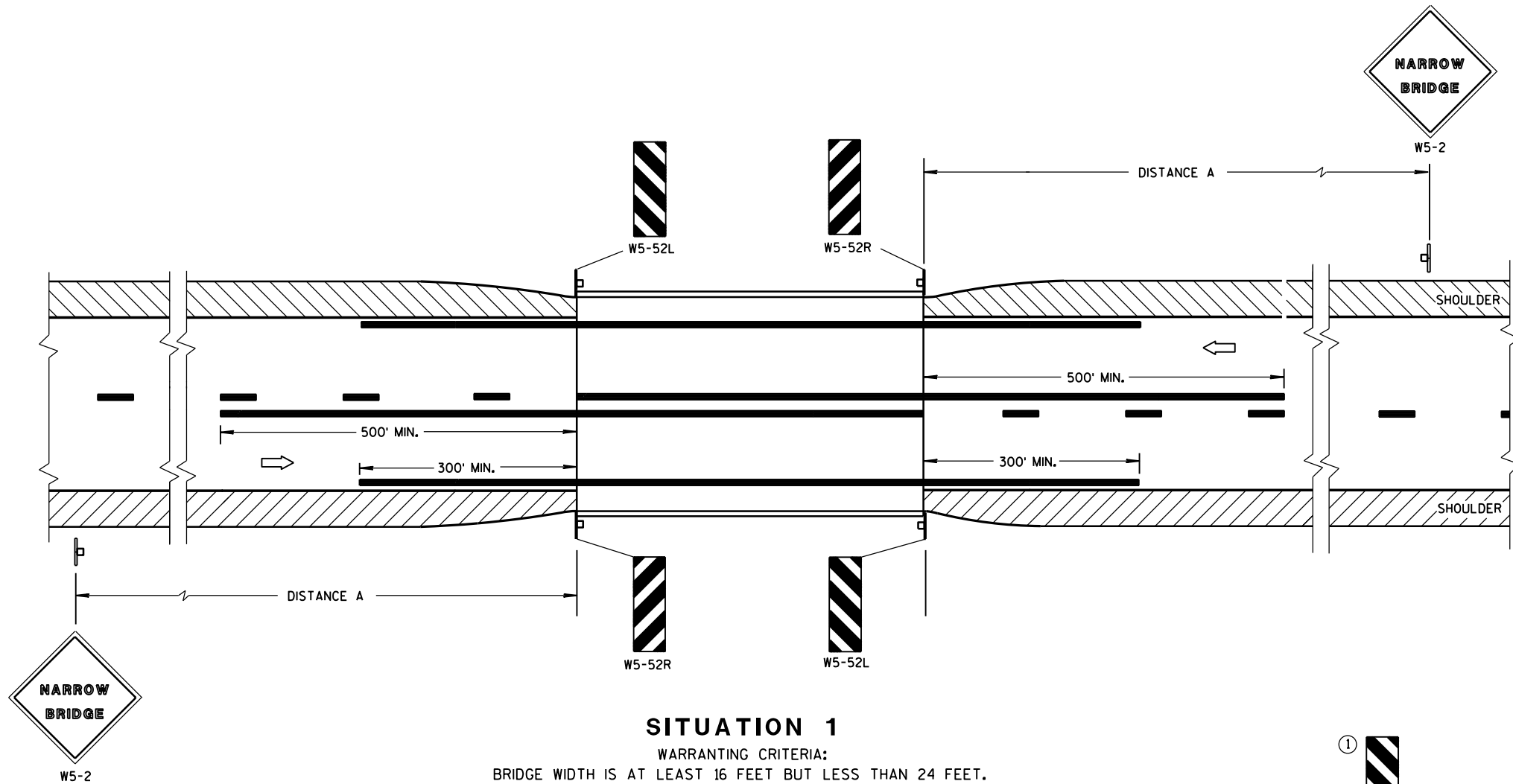
* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FT" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



LEGEND

- ⊙ SIGN ON PERMANENT SUPPORT
- ➡ DIRECTION OF TRAFFIC
- ▨ WORK AREA

| | |
|--|--|
| TRAFFIC CONTROL. ADVANCE WARNING SIGNS 40 M.P.H. OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC | |
| STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION | |
| APPROVED 7/2018 DATE | /S/ Andrew Heidtke WORK ZONE ENGINEER |
| FHWA | |



SITUATION 1

WARRANTING CRITERIA:
BRIDGE WIDTH IS AT LEAST 16 FEET BUT LESS THAN 24 FEET.

DISTANCE TABLE

| POSTED OR 85th PERCENTILE SPEED | DISTANCE "A" |
|---------------------------------|--------------|
| 25 | 150' |
| 30 | 200' |
| 35 | 250' |
| 40 | 300' |
| 45 | 400' |
| 50 | 550' |
| 55 | 750' |

GENERAL NOTES

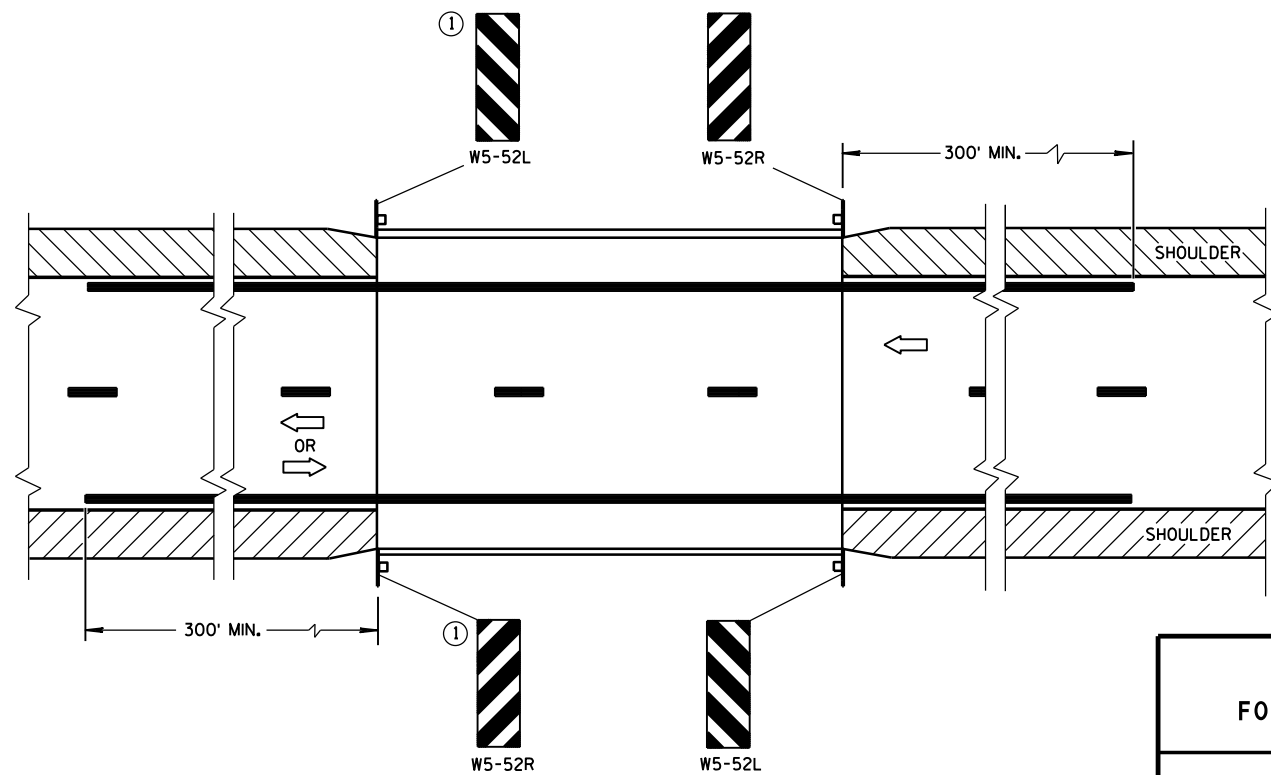
DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

LOCATE W5-52 SIGN POST(S) BEHIND GUARDRAIL WHEN PRESENT.

PLACE THE EDGE OF THE W5-52 SIGN IN LINE WITH FACE OF CURB OR PARAPET.

① OMIT ON ONE-WAY TRAVELLED WAYS.

➡ DIRECTION OF TRAFFIC



SITUATION 2

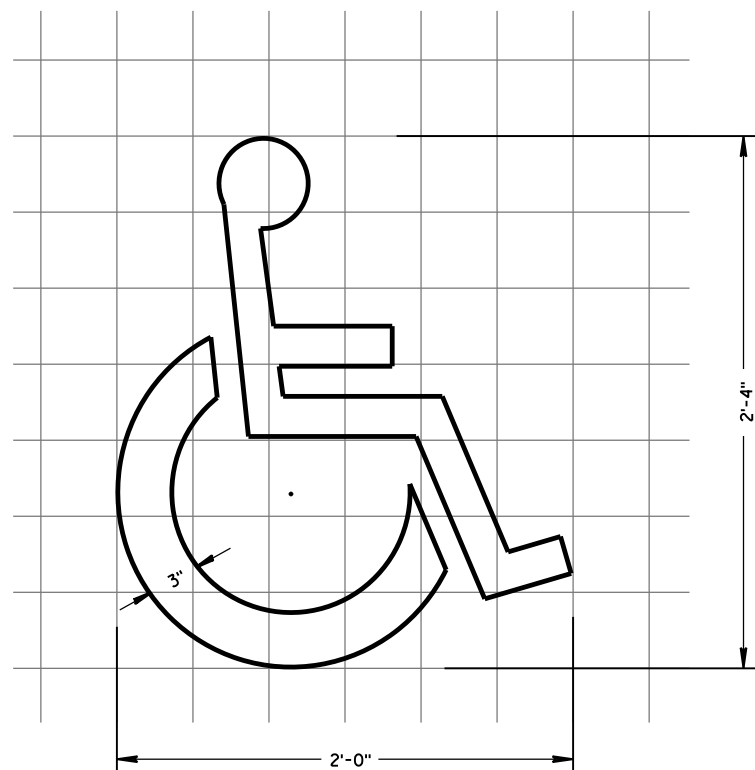
WARRANTING CRITERIA:
1. BRIDGE WIDTH IS AT LEAST 24 FEET AND
2. BRIDGE SHOULDER WIDTH IS LESS THAN 6 FEET.

SIGNING & MARKING FOR TWO LANE BRIDGES

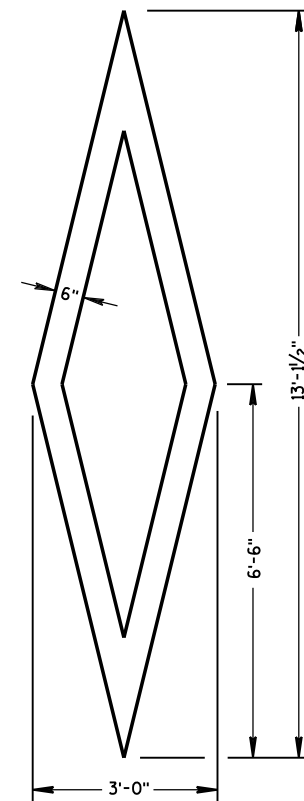
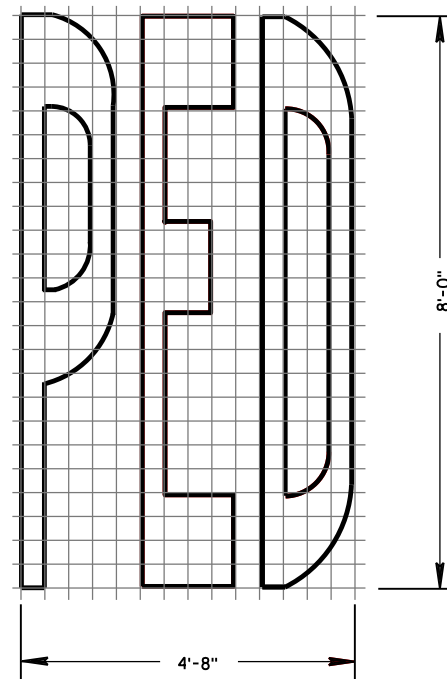
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2017 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA



HANDICAP SYMBOL

PREFERENTIAL
LANE SYMBOL**GENERAL NOTES**

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PAVEMENT MARKING SYMBOLS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

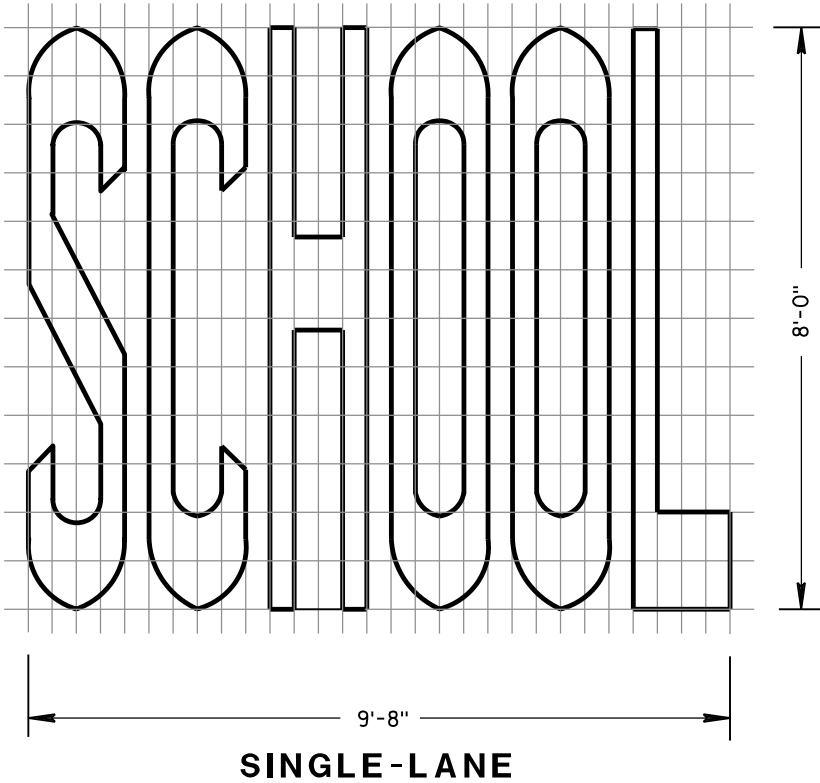
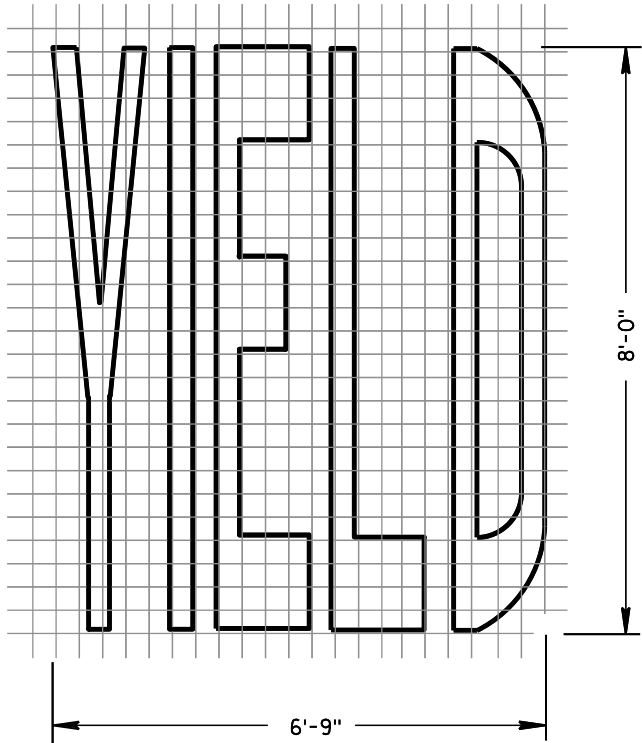
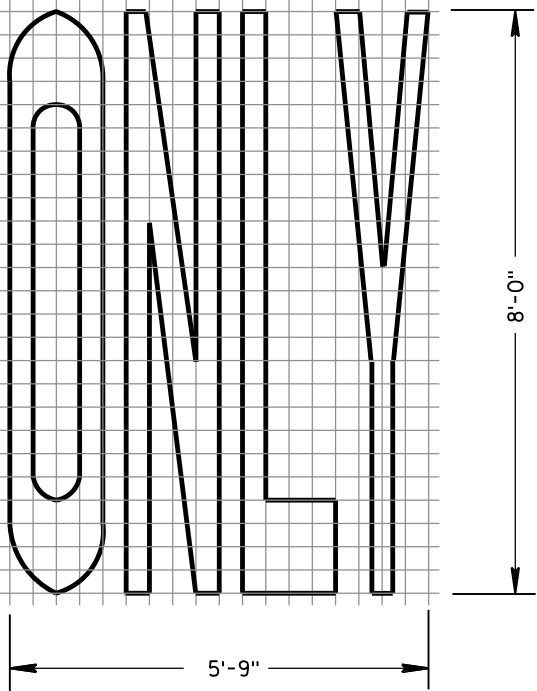
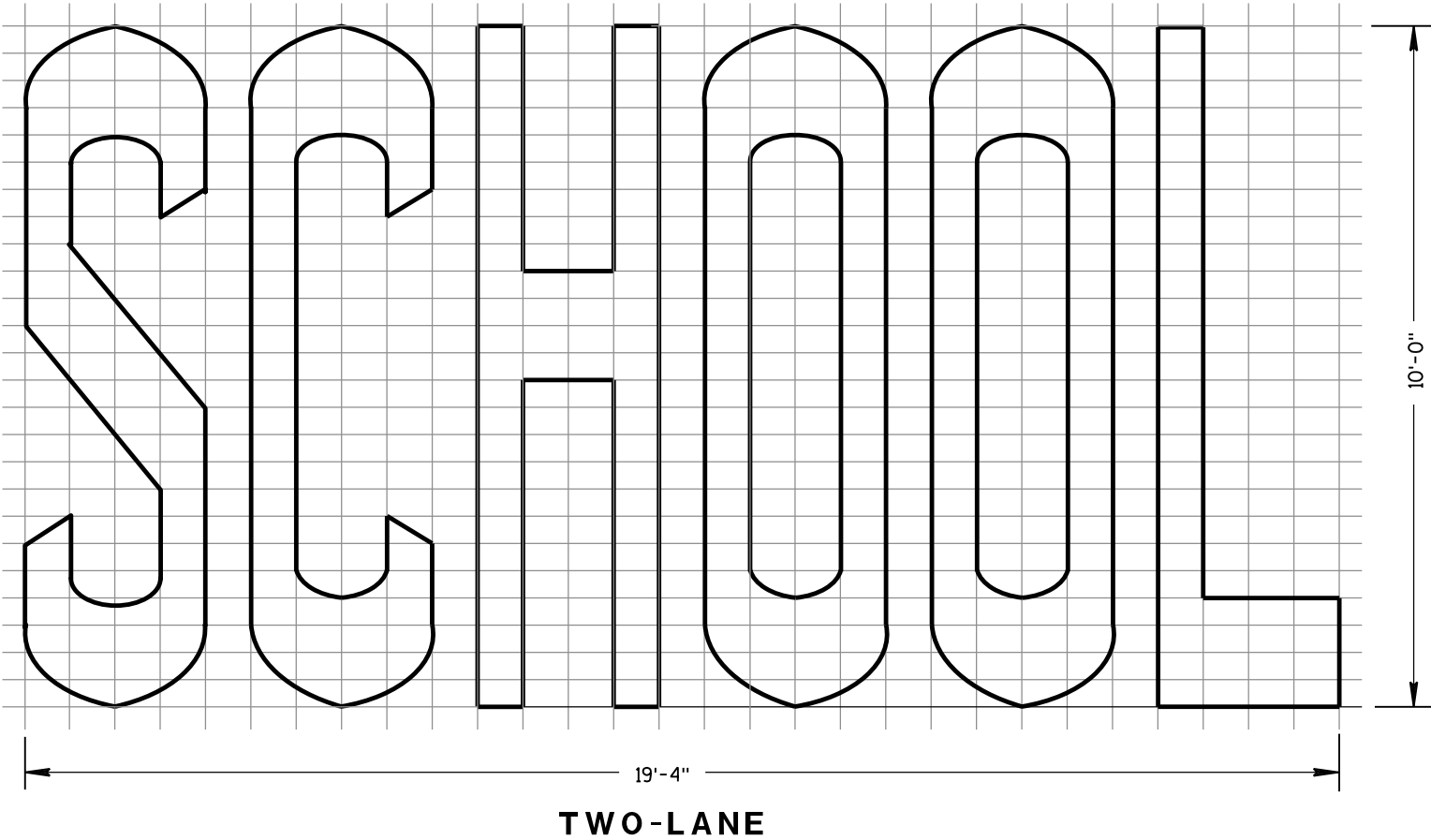
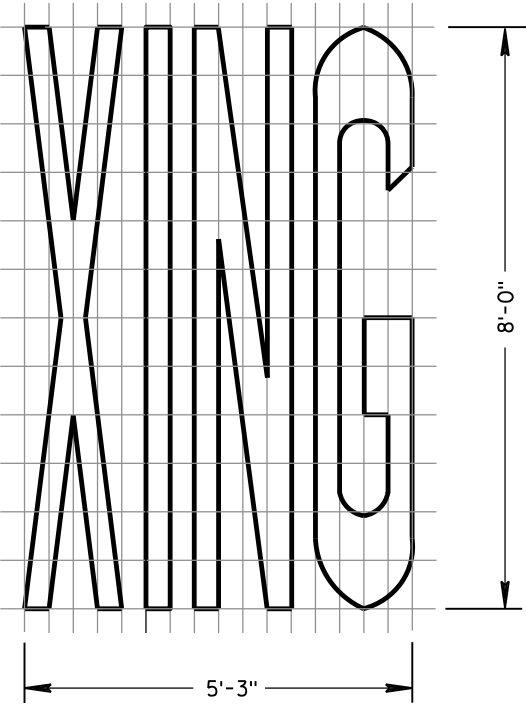
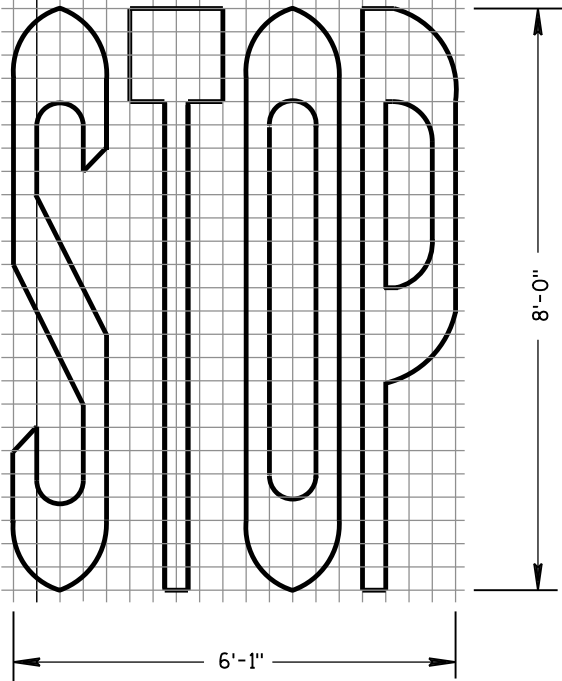
APPROVED

June 2017
DATE/S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER

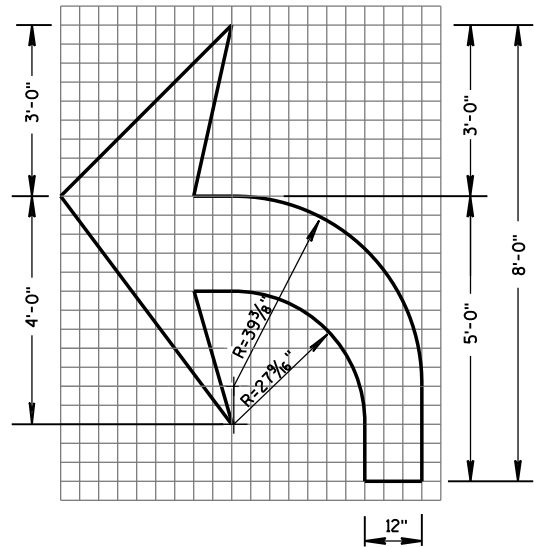
FHWA

GENERAL NOTES

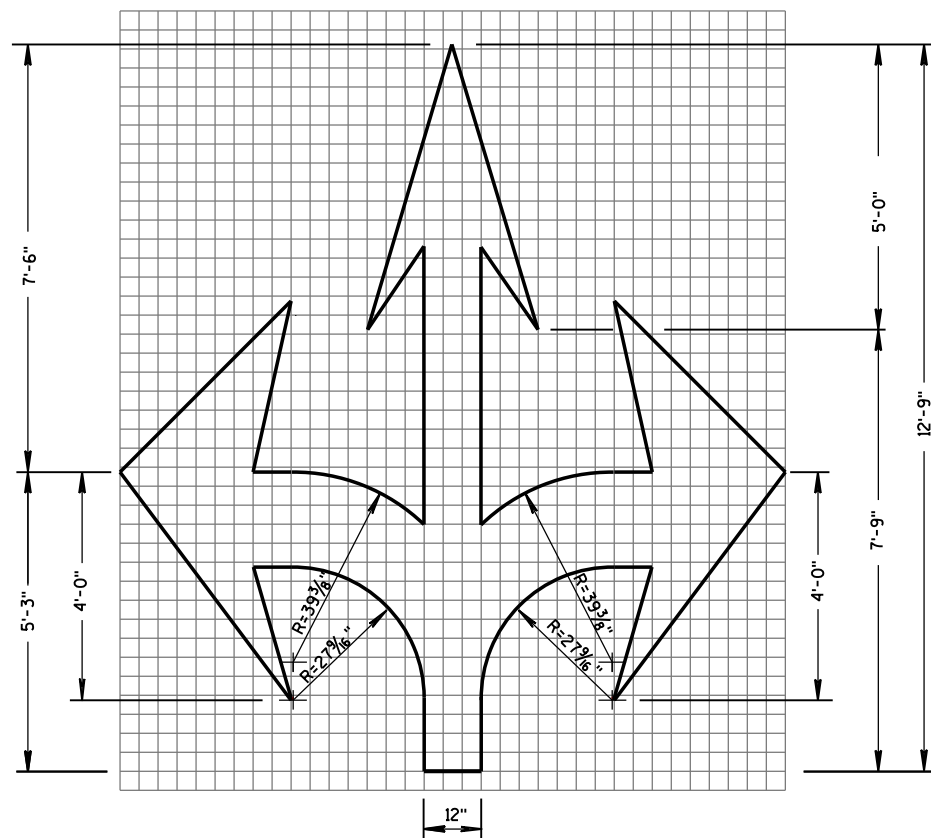
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



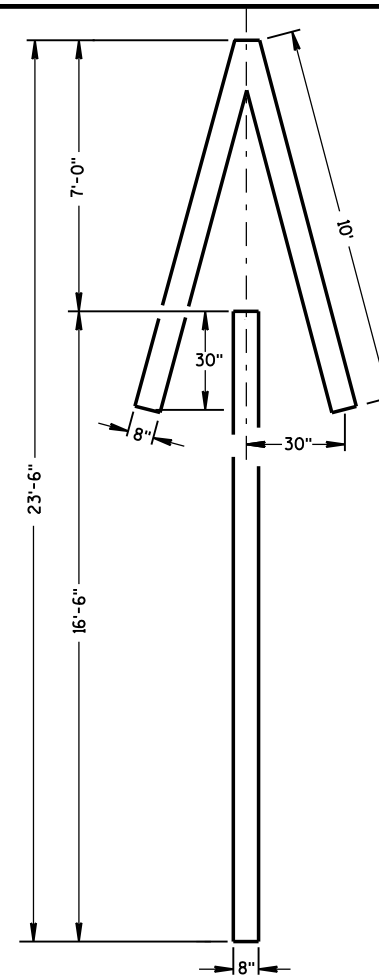
| PAVEMENT MARKING WORDS | |
|--|--|
| STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION | |
| APPROVED June 2017 DATE | /S/ Matthew R. Rauch STATE SIGNING AND MARKING ENGINEER |
| FHWA | |



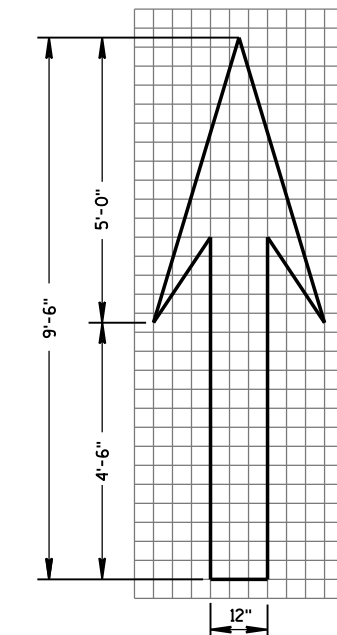
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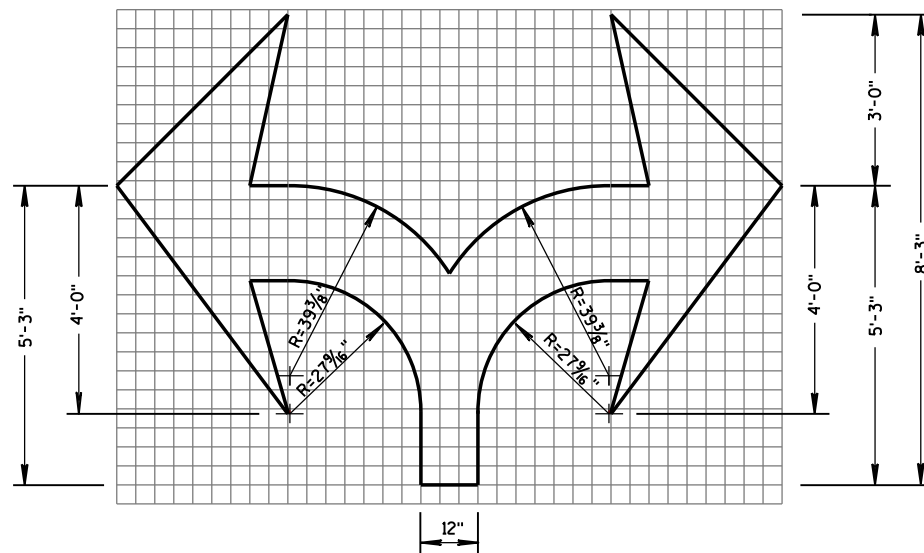
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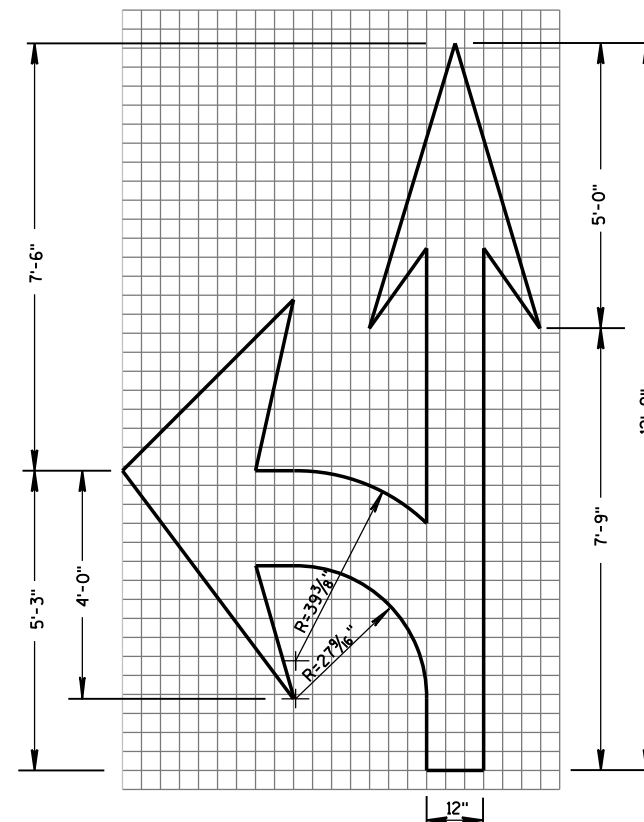
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TYPE 1



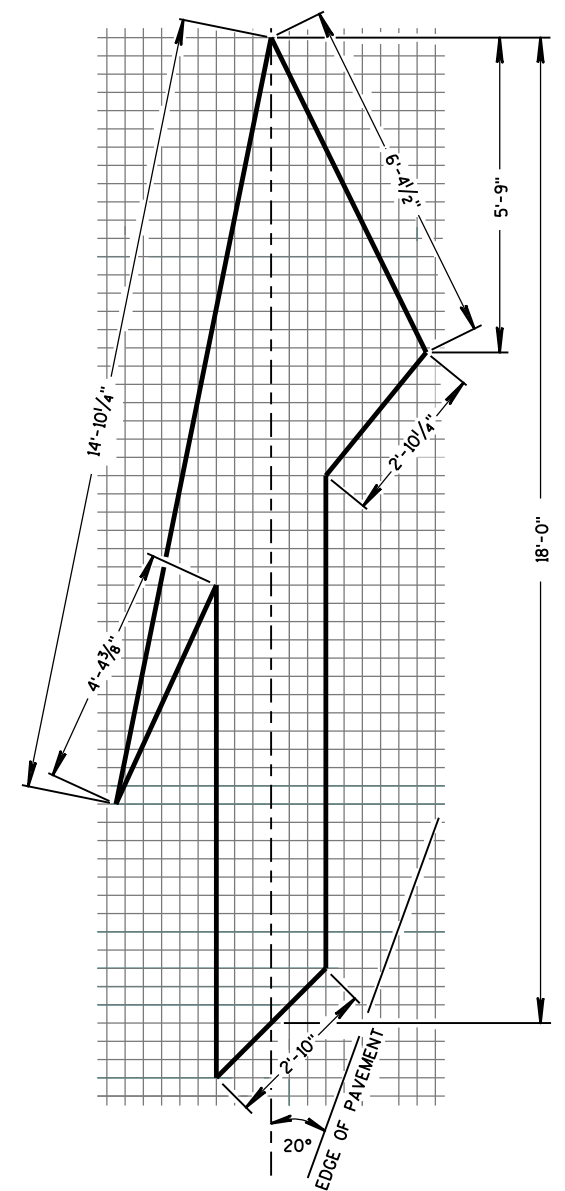
TYPE 7



TYPE 3

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



TYPE 5 LANE DROP ARROW

PAVEMENT MARKING ARROWS

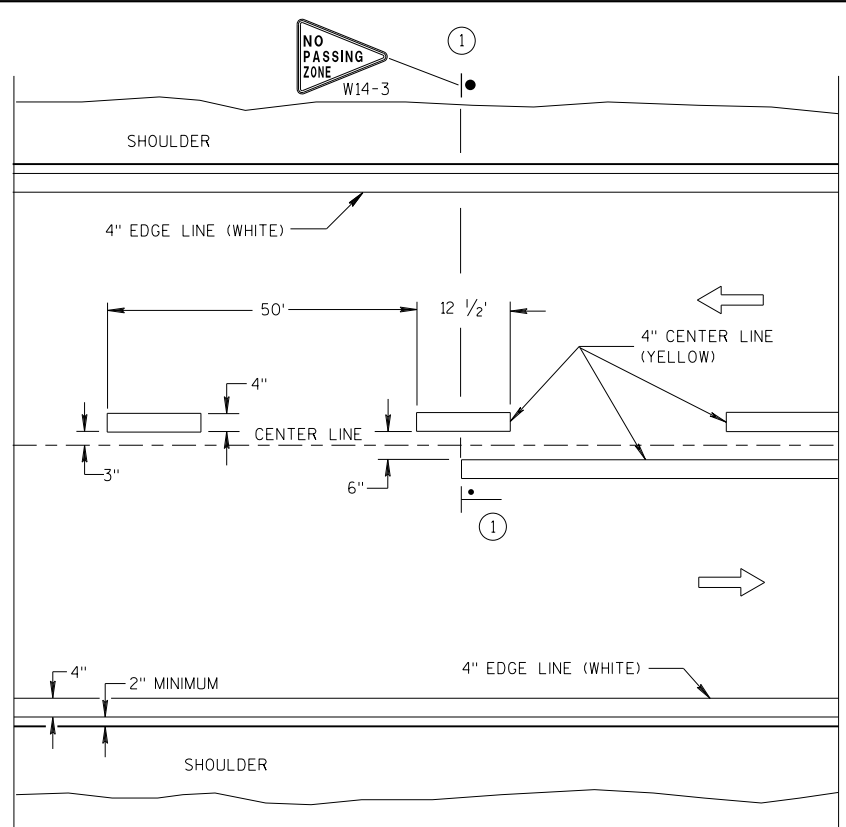
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

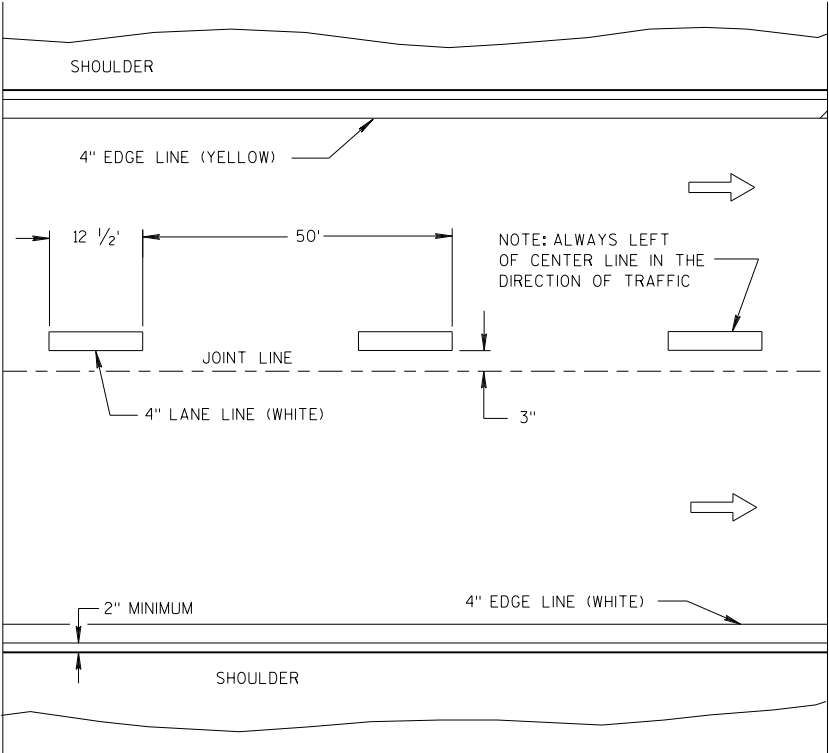
June 2017
DATE

FHWA

/S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER

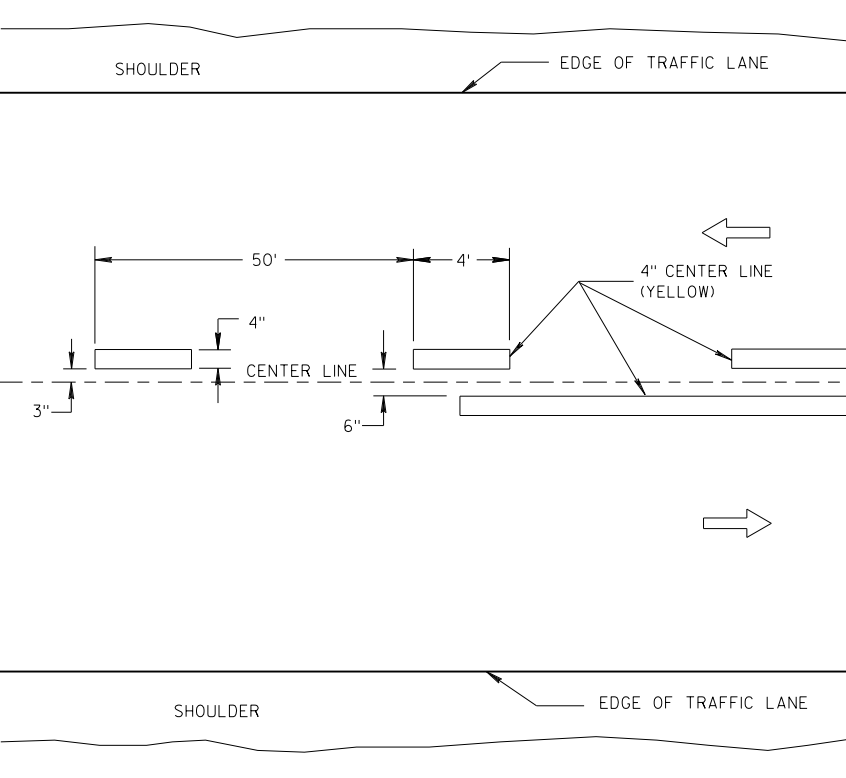


TWO WAY TRAFFIC

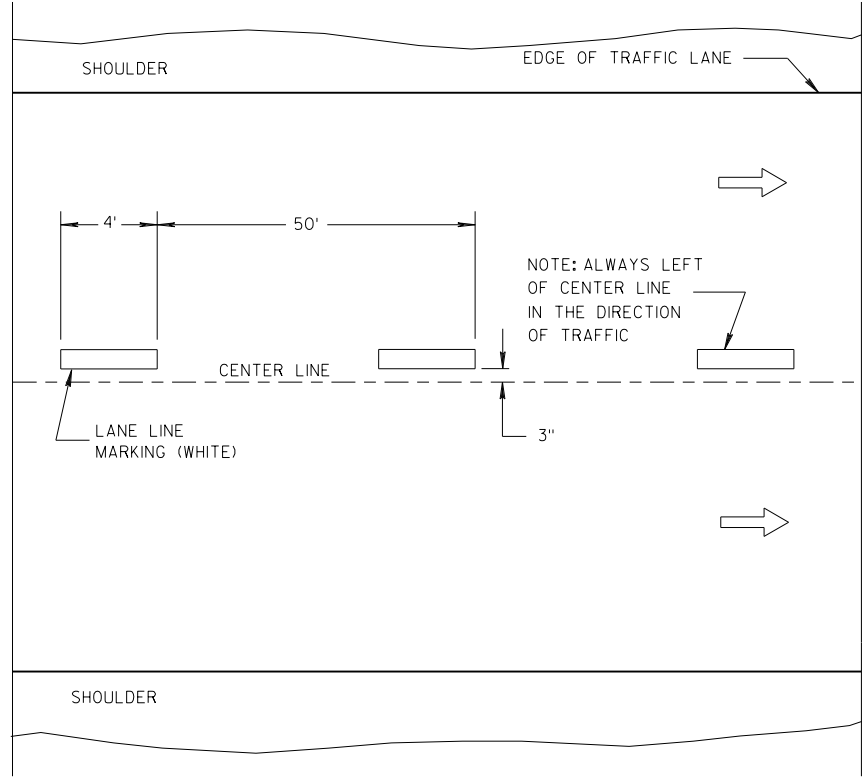


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

GENERAL NOTES

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

① LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING.

NOTE

ARROW SYMBOL (➡) SHOWS DIRECTION OF TRAVEL

LEGEND

- "T" MARKING
- POST MOUNTED SIGN

LONGITUDINAL MARKING (MAINLINE)

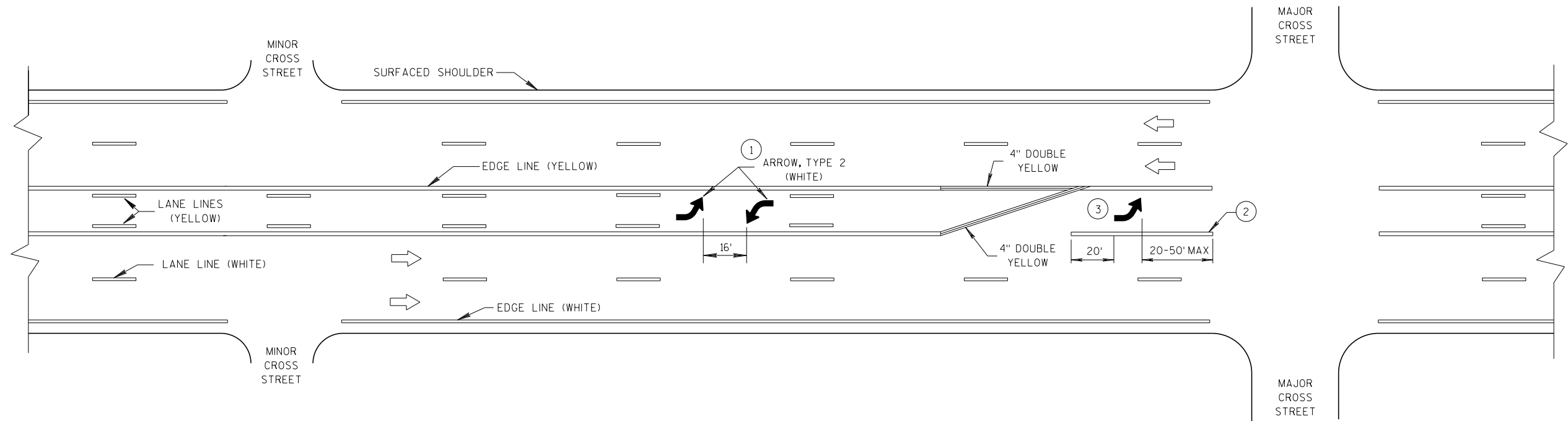
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA

GENERAL NOTES

- 1 A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
- 2 8" WHITE
- 3 TURN BAY LENGTH OF LESS THAN 48'DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT

DIRECTION OF TRAFFIC



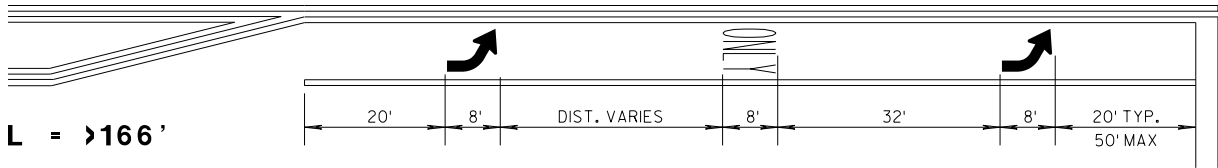
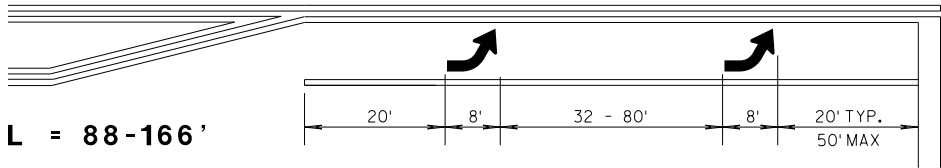
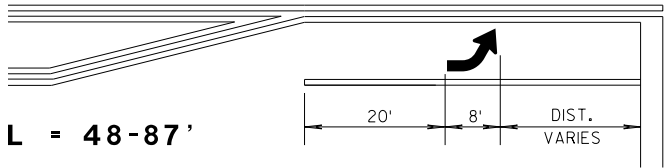
TWO WAY LEFT TURN LANE

PAVEMENT MARKING
(TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

TURN LANE OPTIONS

LENGTH OF TURN BAY (L) OF 0-47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



*(SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

GENERAL NOTES

- ① 8" WHITE
- ② QUANTITY AND LOCATION OF TYPE 3 ARROW ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION, THE ARROWS AND ONLY MARKING ARE ELIMINATED.

→ DIRECTION OF TRAFFIC
L = LENGTH OF TURN BAY

| |
|--|
| PAVEMENT MARKING (TURN LANES) |
| STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION |



W14-3

500' MIN.

NO-PASSING
ZONE MARKING

2'-0"

①

PERPENDICULAR
TO ROADWAY

①

2'-0"

③

6'-6"

3'-0"

2'-0"

24'-0"

6'-0"

1'-6"

20'-0"

16'-0"

60'-0"

(SEE TABLE FOR STOP BAR LOCATION)



W10-1

PAVEMENT MARKING

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL R X R SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

CENTER OR LANE LINES AND NO-PASSING ZONE MARKINGS SHOWN ON THIS DRAWING ARE REQUIRED AND PAID FOR UNDER OTHER ITEMS IN THE CONTRACT.

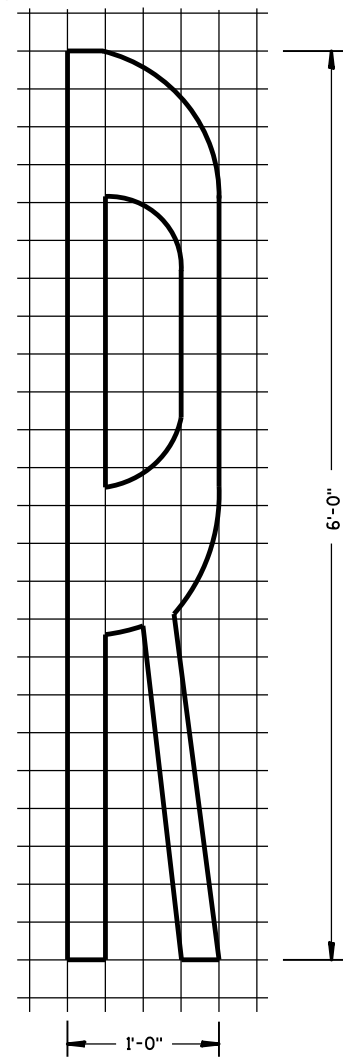
RETRACE EXISTING SYMBOL WHERE EXISTING SYMBOLS ARE PLACED.

- ① MINIMUM 8' FROM ANY RAILROAD WARNING DEVICES (SIGNALS, GATES, ETC.) OR 25' FROM THE NEAREST RAIL, WHICHEVER DISTANCE IS GREATER.
- ② 500' MINIMUM. MARKING LIMITS MAY BE EXTENDED AS DIRECTED BY THE ENGINEER TO MEET ADJACENT NO-PASSING ZONE MARKINGS.
- ③ FOR MULTIPLE TRACK CROSSINGS, THE BARRIER LINE SHALL EXTEND TO THE NEAR RAIL OF THE FURTHEST TRACK IN THE DIRECTION OF HIGHWAY TRAVEL.

TABLE BASED UPON 2C-4 WISCONSIN
SUPPLEMENT OF MANUAL ON UNIFORM
TRAFFIC CONTROL DEVICES.

| Posted Speed (M.P.H.) | Dimension Range (Feet) |
|--------------------------|---------------------------|
| 25 | 150*- 250 |
| 30 | 200*- 300 |
| 35 | 250*- 450 |
| 40 | 300*- 500 |
| 45 | 400*- 650 |
| 50 | 550*- 800 |
| 55 | 750*- 1000 |
| 60 | 1000*- 1250 |
| 65 | 1000*- 1250 |

* THE MINIMUM DISTANCES IN THE TABLE ARE DESIRABLE AND SHOULD BE USED. THE DISTANCES MAY BE INCREASED UP TO THE MAXIMUM TO ALLOW FOR FIELD CONDITIONS SUCH AS THE CLOSE PROXIMITY OF DRIVEWAYS, BRIDGES, SIDEROADS OR OTHER FEATURES THAT WOULD PROHIBIT THE MINIMUM DISTANCES FROM BEING USED.



SIGNING AND PAVEMENT MARKING
DETAILS FOR RAILROAD-HIGHWAY
GRADE CROSSINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept., 2017

DATE

/S/ Matthew R. Rauch

STATE SIGNING AND MARKING ENGINEER

FHWA

LEGEND

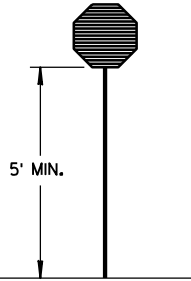
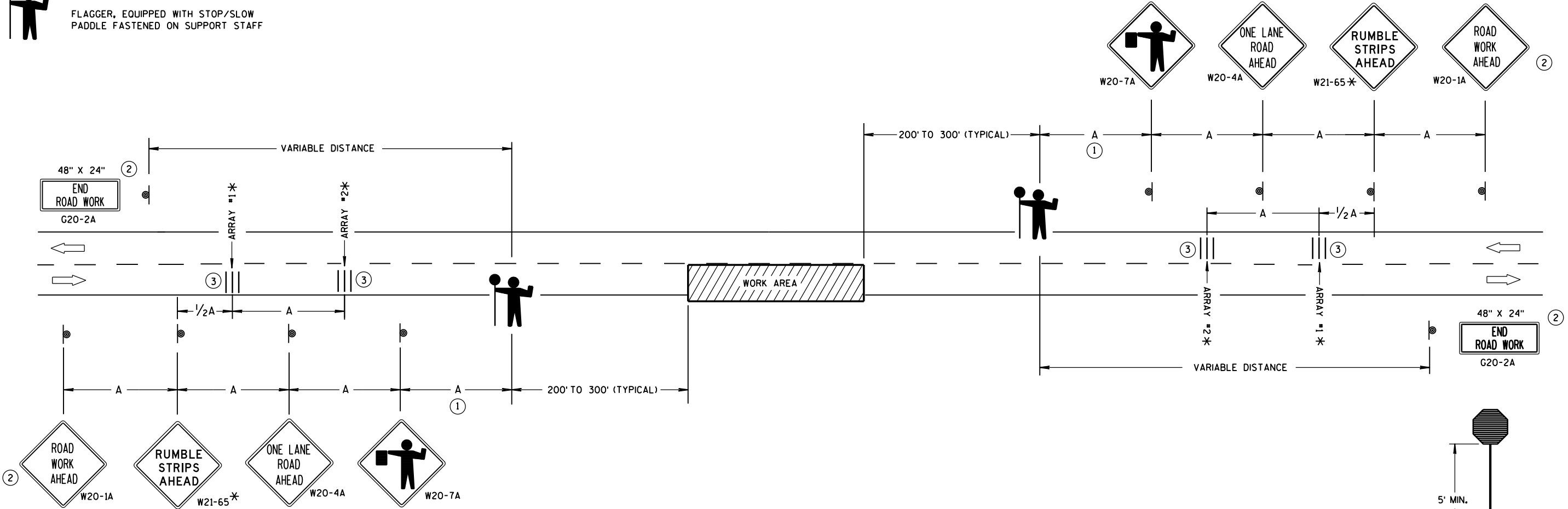
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

| SPEED LIMIT | SPACING A |
|-------------|-----------|
| 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 W20-4A SIGNS, USING SPACING A.



STOP/SLOW PADDLE ON SUPPORT STAFF

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

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.

"W0" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

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.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS. PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

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

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 RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

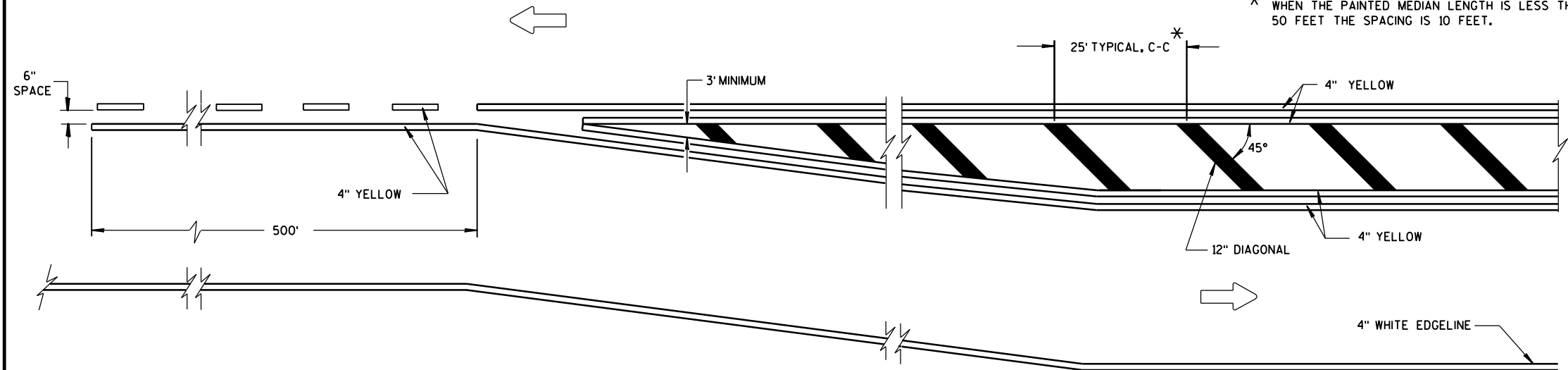
* UTILIZE TEMPORARY RUMBLE STRIPS WHEN FLAGGING OPERATION IS ANTICIPATED TO BE STATIONARY IN EXCESS OF TWO HOURS.

- FOR A MOVING WORK OPERATION, SIGNING AND TEMPORARY RUMBLE STRIPS (IF USED) SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3,500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.
- SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.
- EACH TEMPORARY RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS SPACED ACCORDING TO MANUFACTURER'S RECOMMENDATION, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN.

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 /S/ Andrew Heldtke
DATE WORK ZONE ENGINEER
FHWA

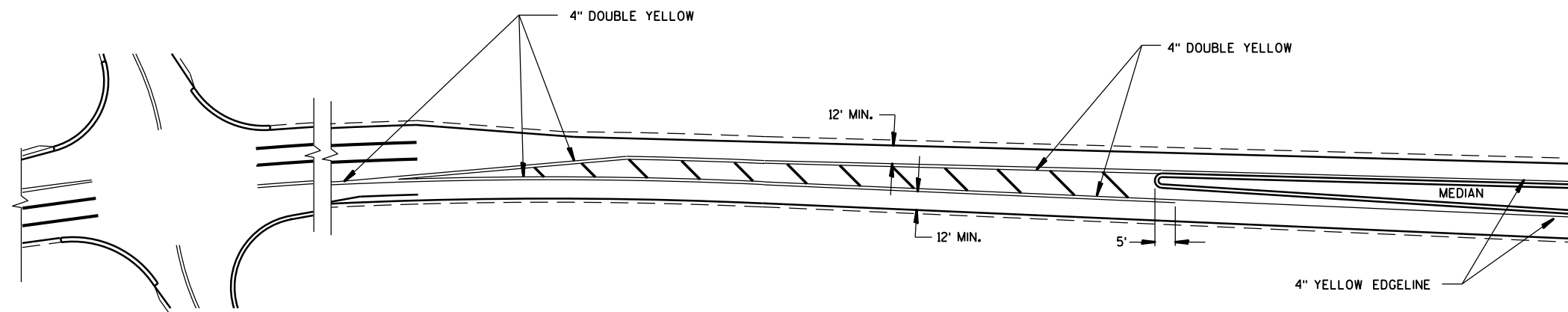


MEDIAN ISLAND DETAIL

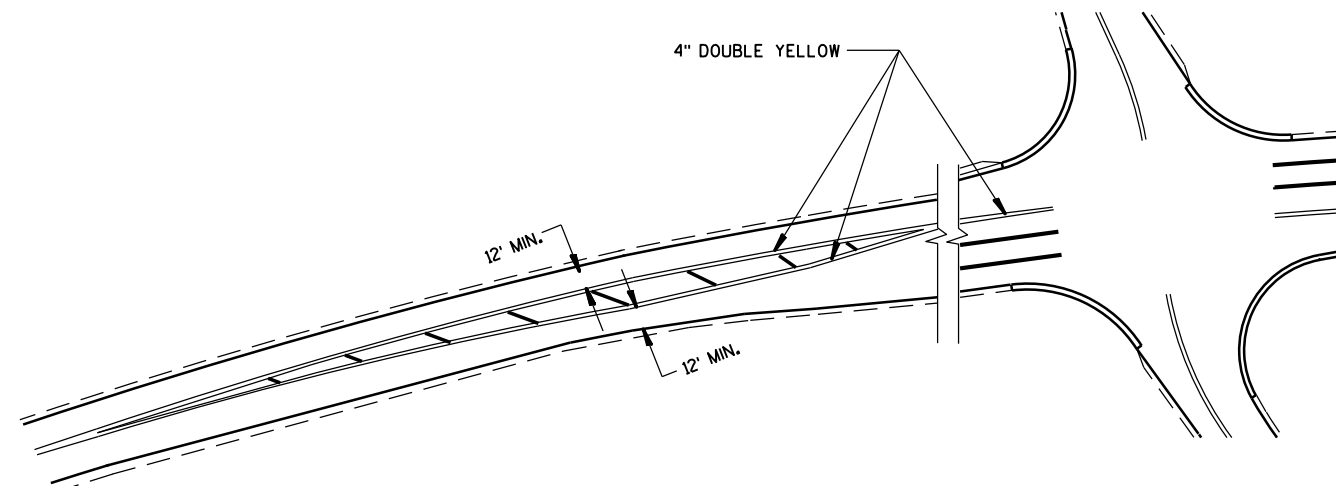
GENERAL NOTE

DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT WIDEST POINT.

➡ DIRECTION OF TRAVEL



APPROACH MARKINGS FOR OTHER MEDIAN TYPES

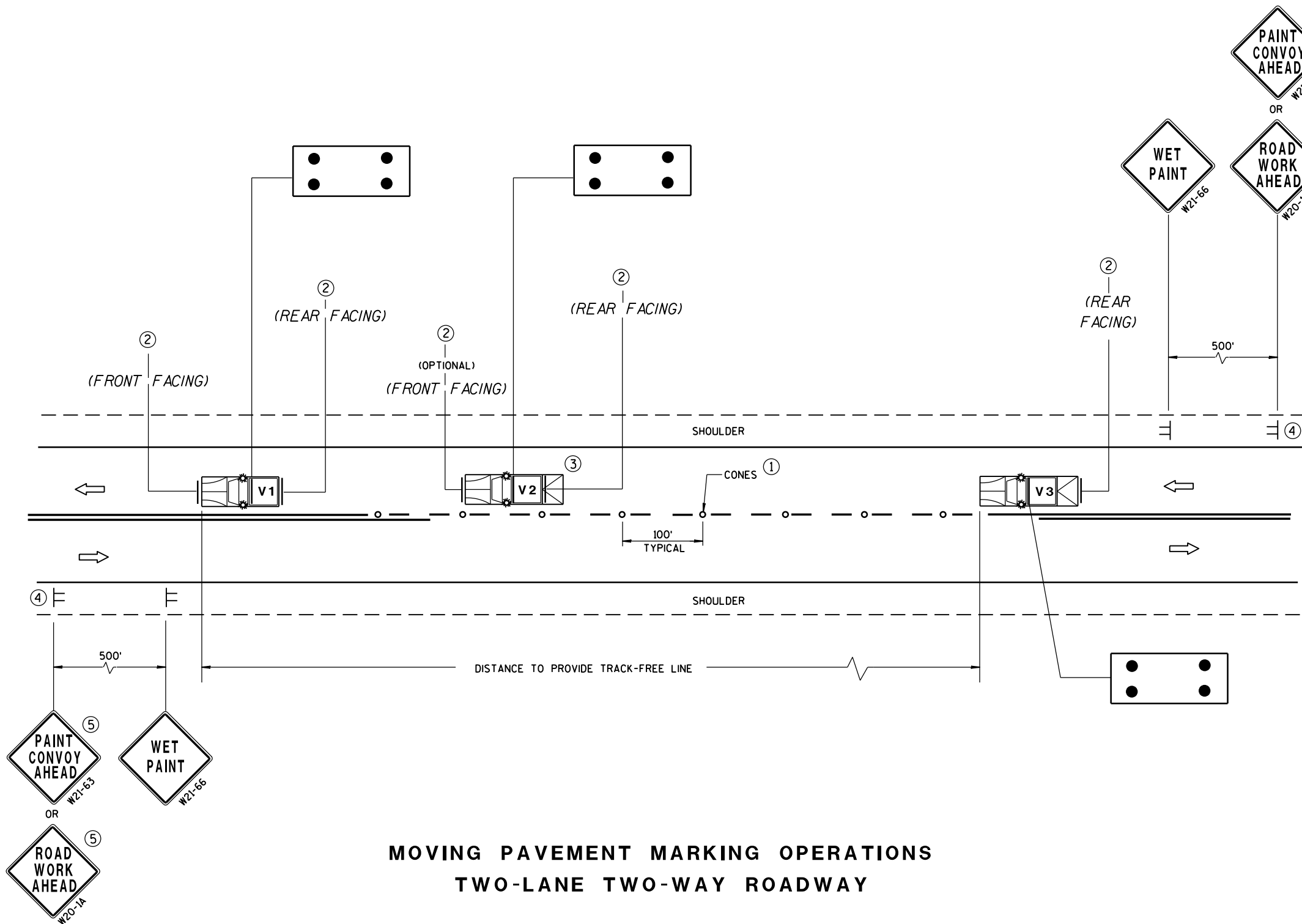


NON APPROACH MARKINGS

MEDIAN ISLAND MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

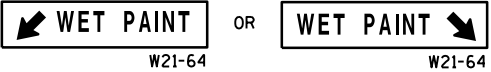
APPROVED
June 2017 /S/ Matthew Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA



MOVING PAVEMENT MARKING OPERATIONS
TWO-LANE TWO-WAY ROADWAY

GENERAL NOTES

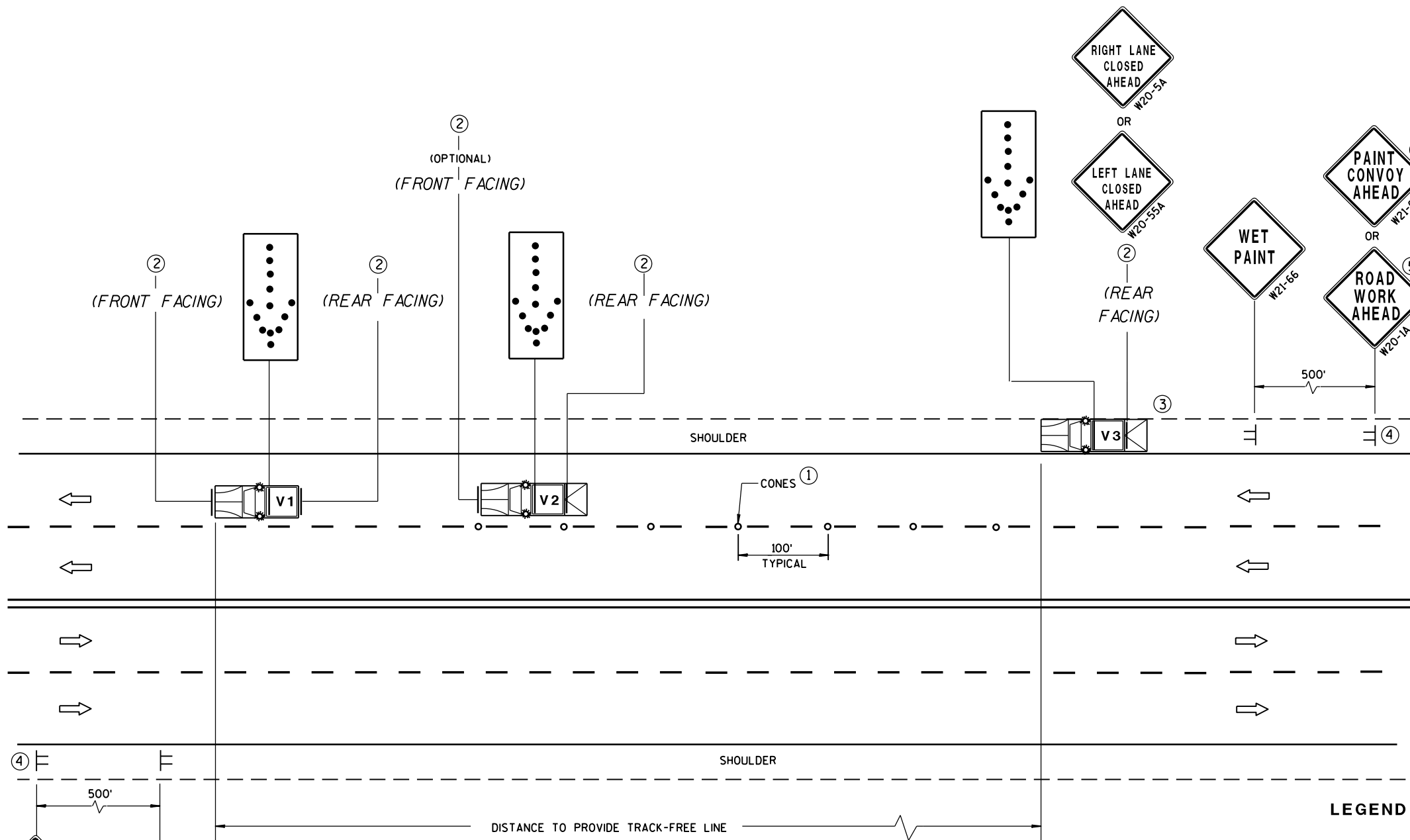
- ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.
- VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW 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.
- 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 DATE Sept., 2017 | /S/ Andrew Heidtke WORK ZONE ENGINEER |
| FHWA | |



MOVING PAVEMENT MARKING OPERATIONS
MULTI-LANE UNDIVIDED 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.

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.

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.

WHEN WORK ACTIVITY BLOCKS THE LEFT 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 AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

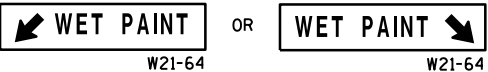
FOR EDGE LINE MARKING OR IF CONES ARE NOT USED, POSITION THE REARMOST SHADOW VEHICLE ON THE SHOULDER AS SHOWN IN THE MUTCD IF THE SHOULDER HAS ADEQUATE WIDTH.

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

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGE LINE OR LANELINE MARKING FOR MULTILANE UNDIVIDED ROADWAYS.

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.



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

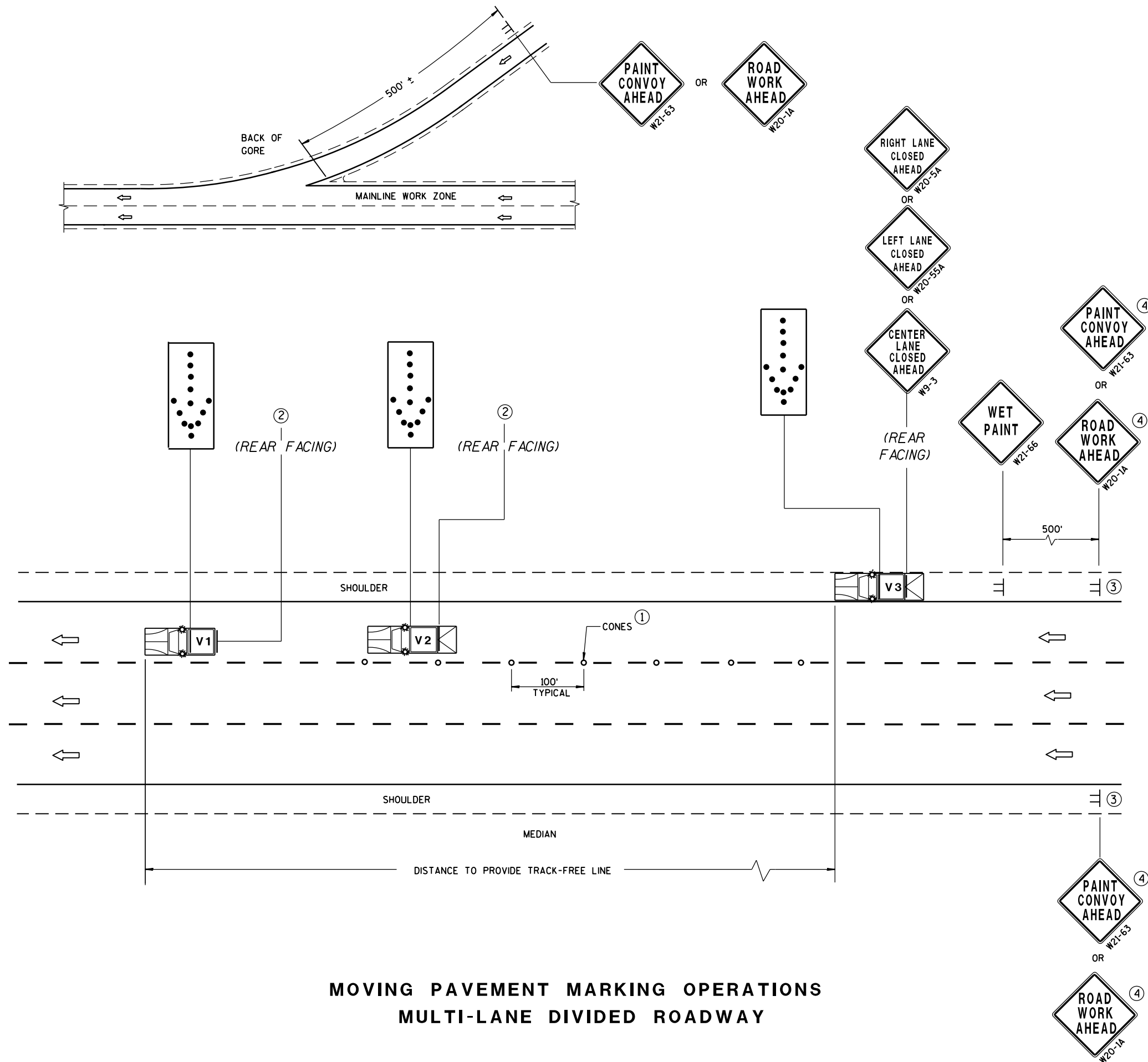
Cones

Flashing arrow panel (merge)

MOVING PAVEMENT MARKING
OPERATION
MULTI-LANE UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2017 /S/ Andrew Heldtke
DATE WORK ZONE ENGINEER
FHWA



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.

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.

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.

WHEN WORK ACTIVITY BLOCKS THE LEFT 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 AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

FOR EDGELINE MARKING OR IF CONES ARE NOT USED, POSITION THE REARMOST SHADOW VEHICLE ON THE SHOULDER AS SHOWN IN THE MUTCD IF THE SHOULDER HAS ADEQUATE WIDTH. USE DOUBLE ARROWS WHEN CONVOY IS IN CENTER LANE ONLY.

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

THIS DRAWING SHALL BE USED FOR EDGELINE OR LANELINE MARKING FOR MULTILANE DIVIDED ROADWAYS.


- 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.

- ③ SIGNS SHALL BE REPEATED AFTER EVERY ON RAMP OR EVERY THREE MILES.
- ④ 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 (MERGE)

MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

| | |
|------------|--------------------|
| Sept. 2017 | /S/ Andrew Heidtke |
| DATE | WORK ZONE ENGINEER |

FHWA

GENERAL NOTES

SIGNING AND MARKING IS SHOWN AS TYPICAL PLACEMENT. FIELD CONDITIONS MAY DICTATE CHANGES IN SIGNING AND MARKING PLACEMENT.

A DISTANCE DEPENDENT ON SPEED (SEE TABLE)

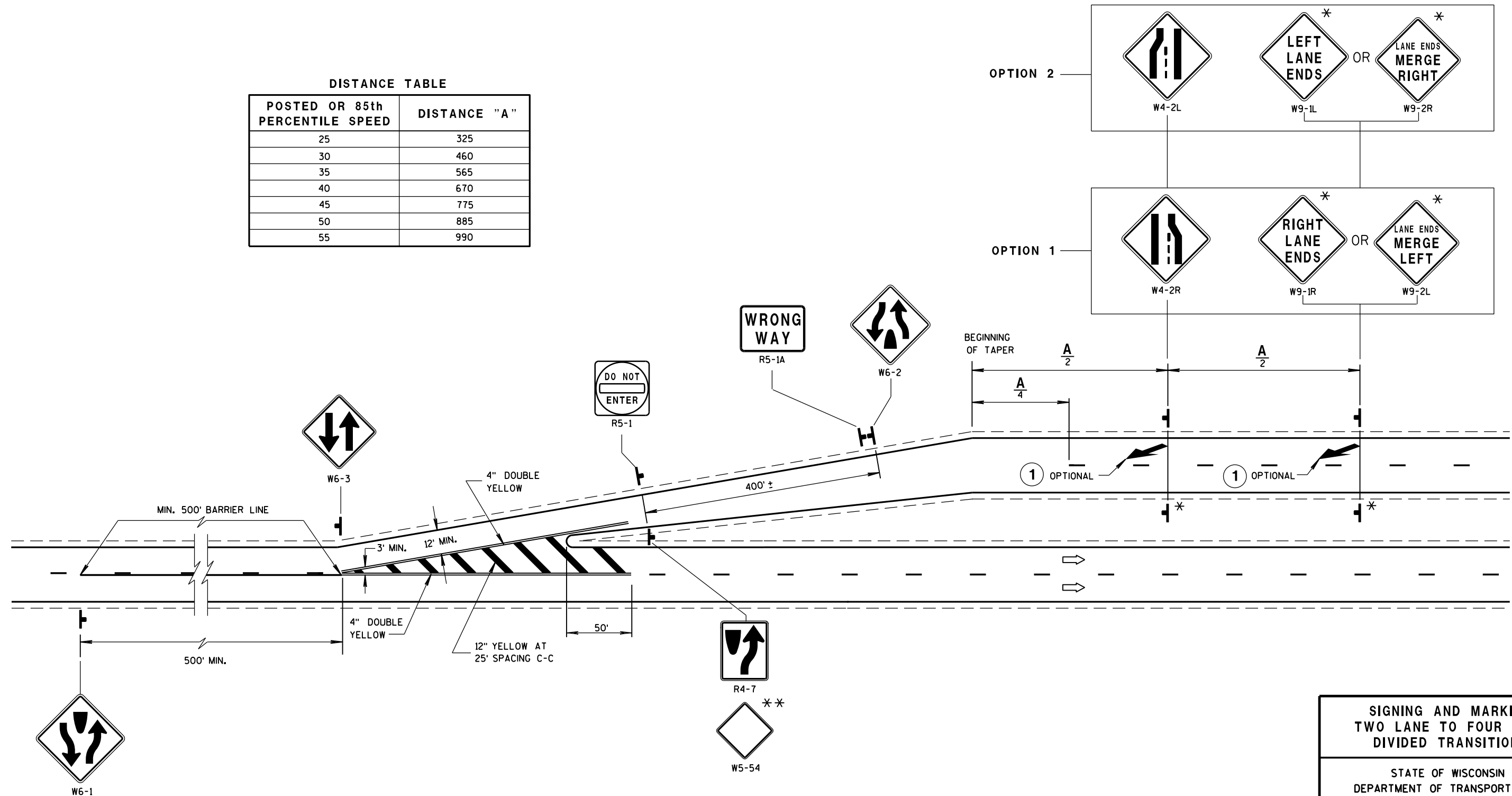
1 USED ONLY WHEN APPROVED BY REGION TRAFFIC ENGINEER.

SYMBOLS

- * SIGNS MAY BE OMITTED IF SPACE DOES NOT PERMIT
- * * IF POSTED SPEED 45 MPH OR GREATER, PLACE W5-54 SIGN UNDER R4-7 SIGN. MOUNT W5-54 SIGN AT 4' MOUNTING HEIGHT (TOP OF ROADWAY TO BOTTOM OF SIGN)
- POST MOUNTED SIGN
- DIRECTION OF TRAFFIC FLOW

DISTANCE TABLE

| POSTED OR 85th PERCENTILE SPEED | DISTANCE "A" |
|---------------------------------|--------------|
| 25 | 325 |
| 30 | 460 |
| 35 | 565 |
| 40 | 670 |
| 45 | 775 |
| 50 | 885 |
| 55 | 990 |

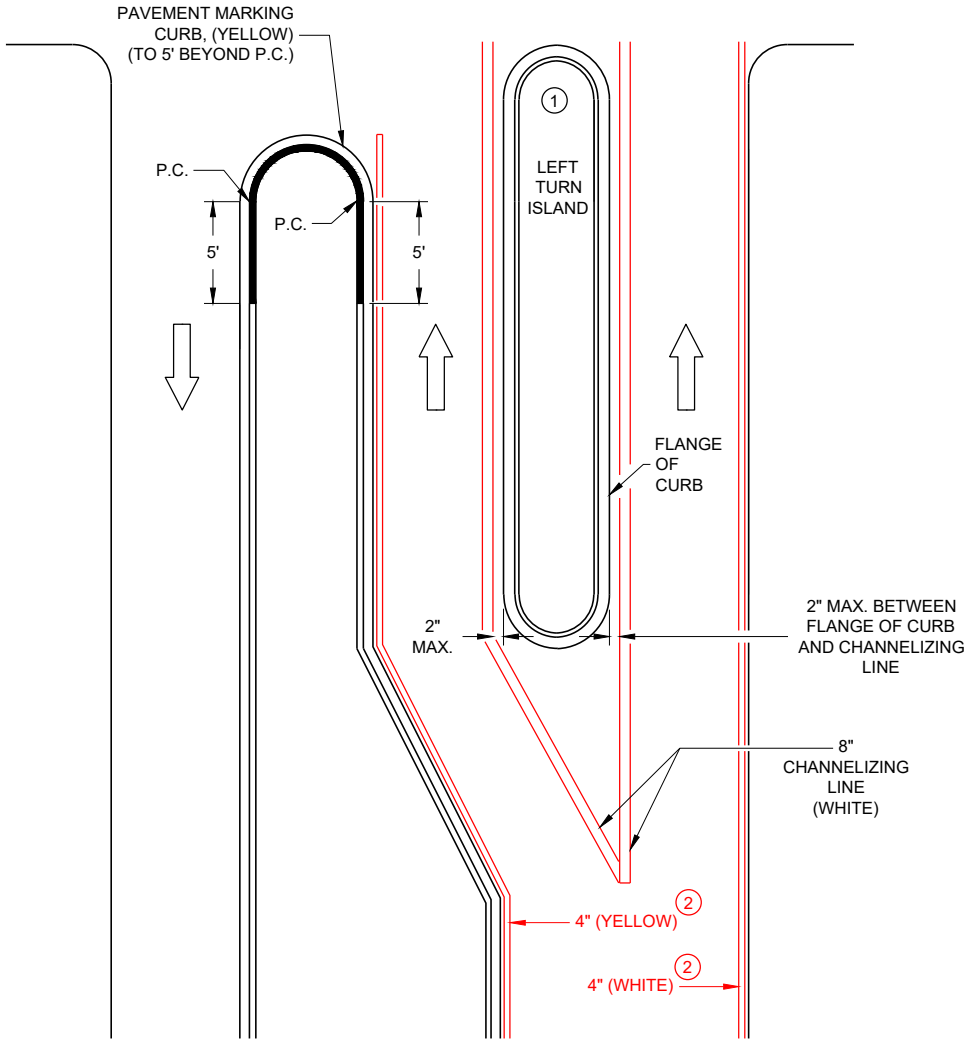


SIGNING AND MARKING
TWO LANE TO FOUR LANE
DIVIDED TRANSITIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA

| REQUIREMENTS FOR EDGE LINES | | |
|-----------------------------|-------------------------------|-------------|
| POSTED SPEED | IS THERE CONTINUOUS LIGHTING? | |
| | YES | NO |
| ≤ 30 MPH | NO | OPTIONAL |
| 35 OR 40 MPH | OPTIONAL | RECOMMENDED |
| ≥ 45 MPH | RECOMMENDED | REQUIRED |



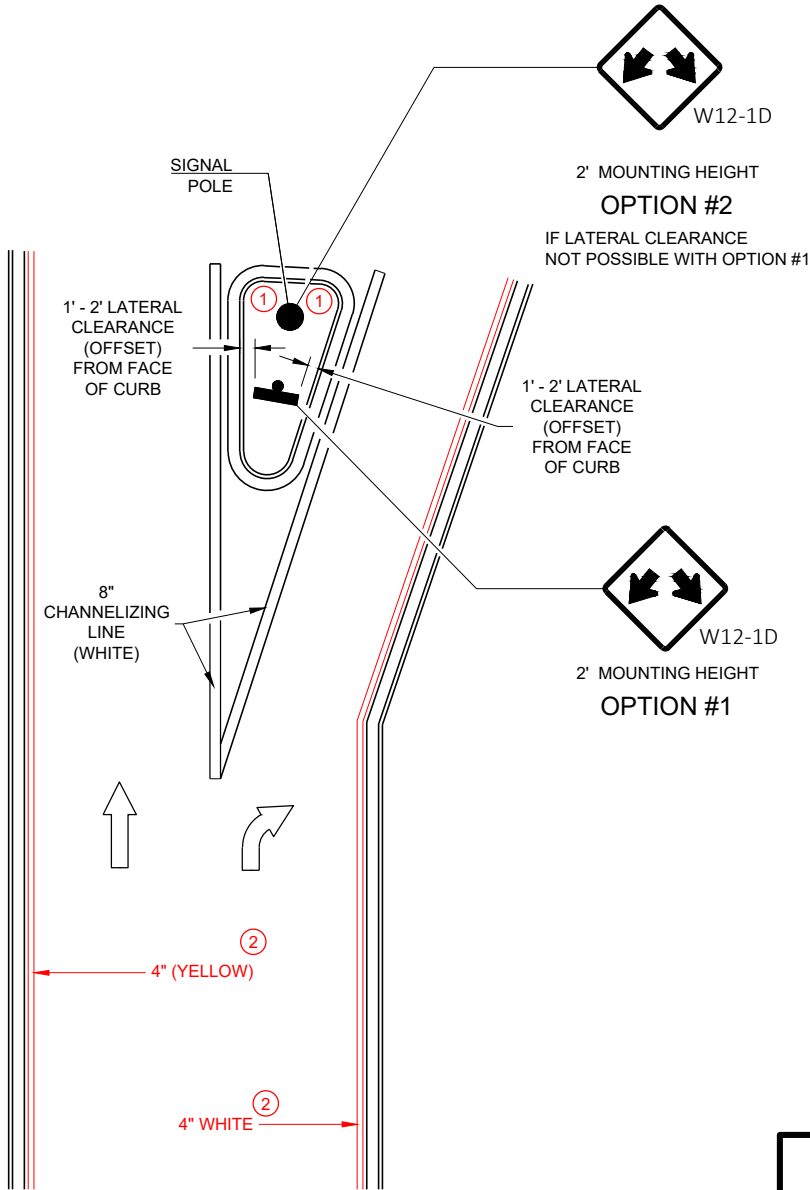
LEFT TURN & MEDIAN ISLAND

GENERAL NOTES

APPLIES TO ISLANDS AT LEFT TURNS AT ONE WAY ROADWAYS AS WELL.
SEE MISCELLANEOUS QUANTITIES FOR SIGN SIZE.

- ① MARK CURB NOSES YELLOW.
- ② MARK ACCORDING TO TABLE.

➡ DIRECTION OF TRAVEL



RIGHT TURN ISLAND

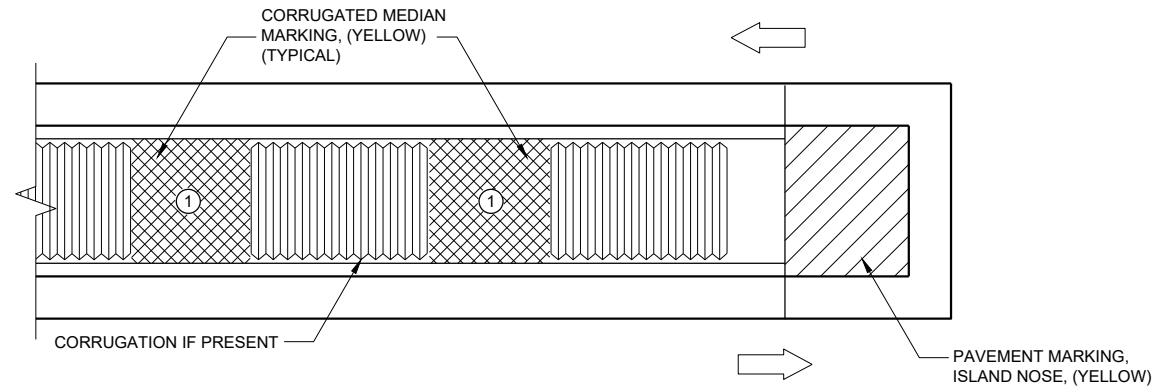
DOUBLE ARROW
WARNING SIGN PLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

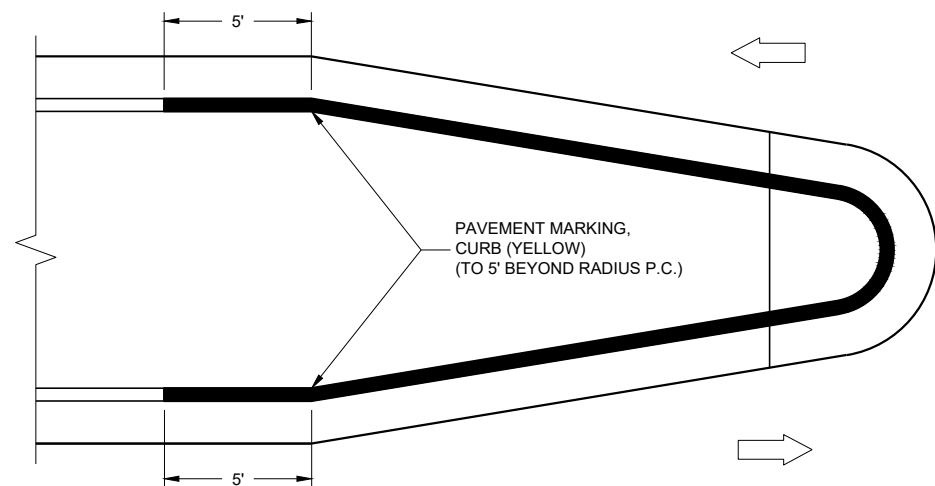
APPROVED
7/2018
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MARKING
ENGINEER

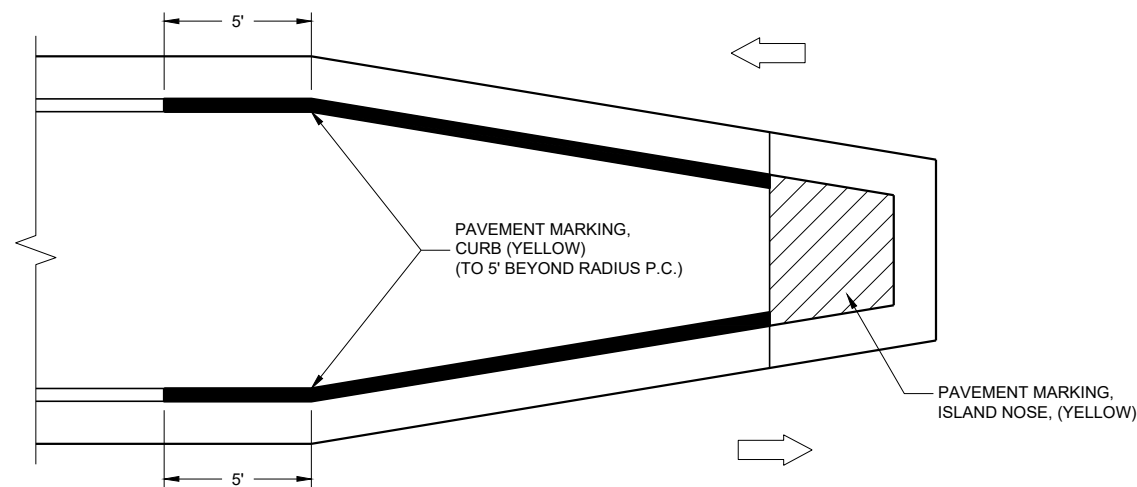
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MEDIAN ISLAND WITH SQUARE BLUNT NOSE



MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF
PAVEMENT MARKING ON MEDIAN ISLANDS

GENERAL NOTES

WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION, YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.

ISLAND NOSE MARKING

CURB MARKING

CORRUGATED MEDIAN MARKING

DIRECTION OF TRAVEL

PAVEMENT MARKINGS
(ISLANDS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

7/2018

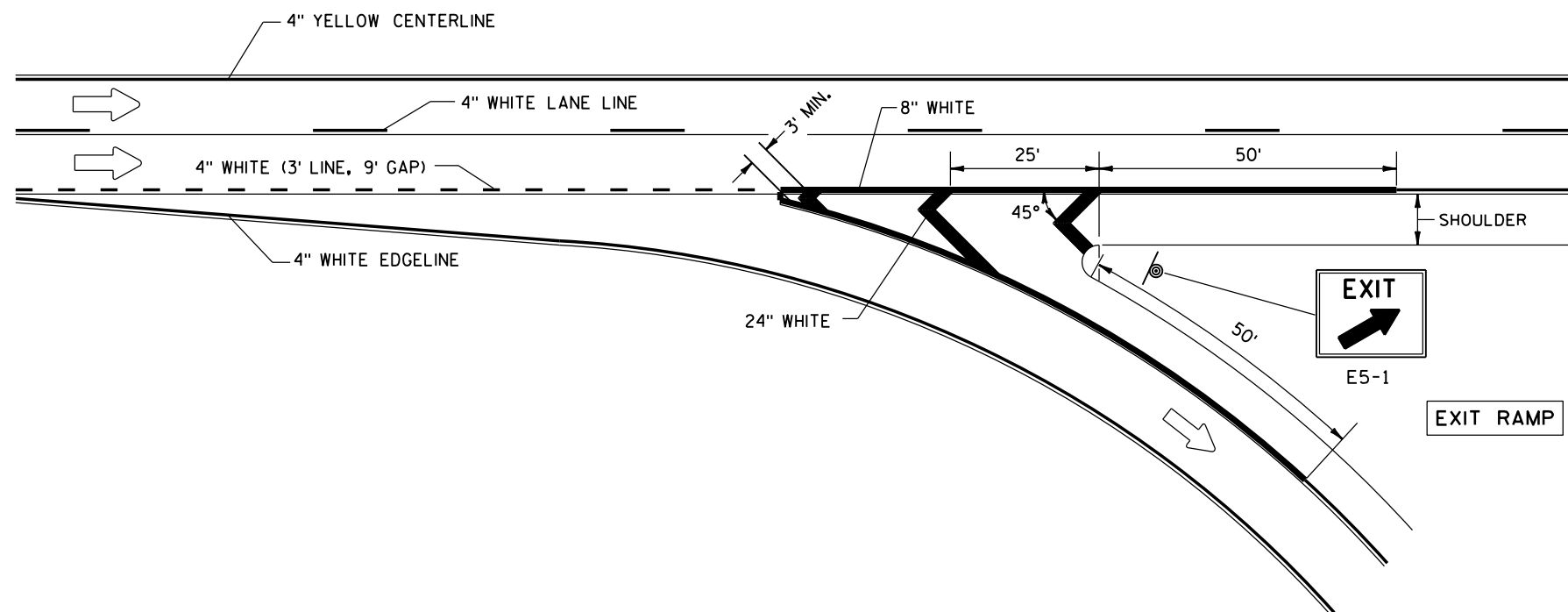
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STATE SIGNING AND MARKING

ENGINEER



GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

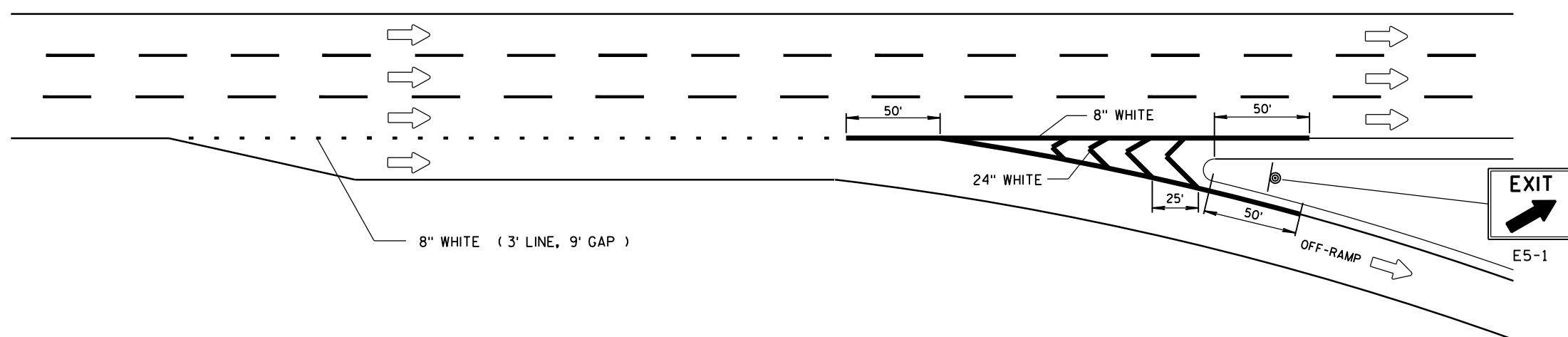


DIRECTION OF TRAVEL



SIGN ON PERMANENT SUPPORT

PAVEMENT MARKING FOR EXIT RAMP



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL EXIT-RAMP

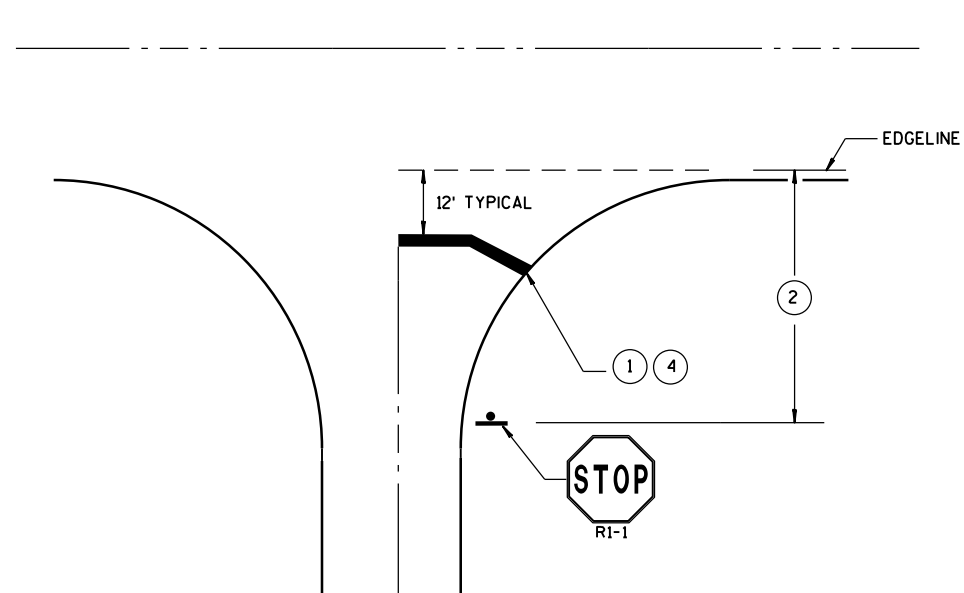
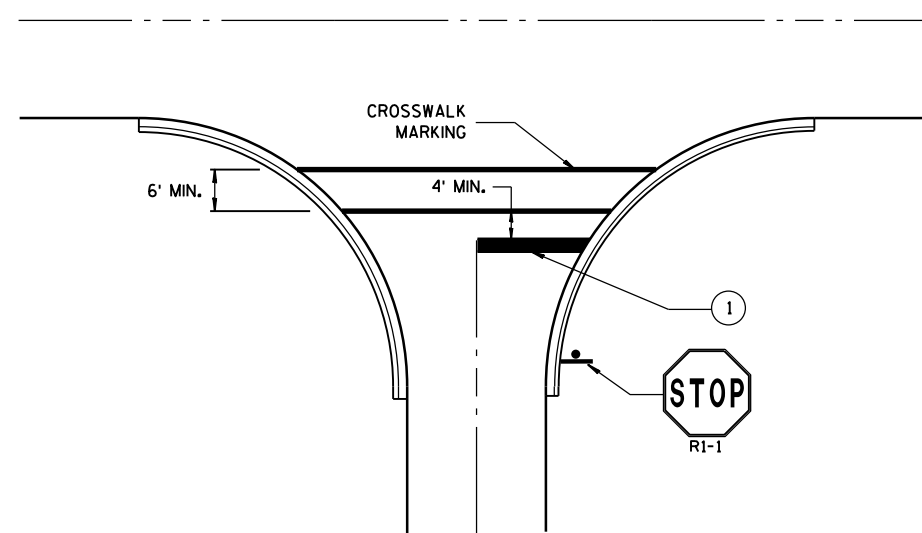
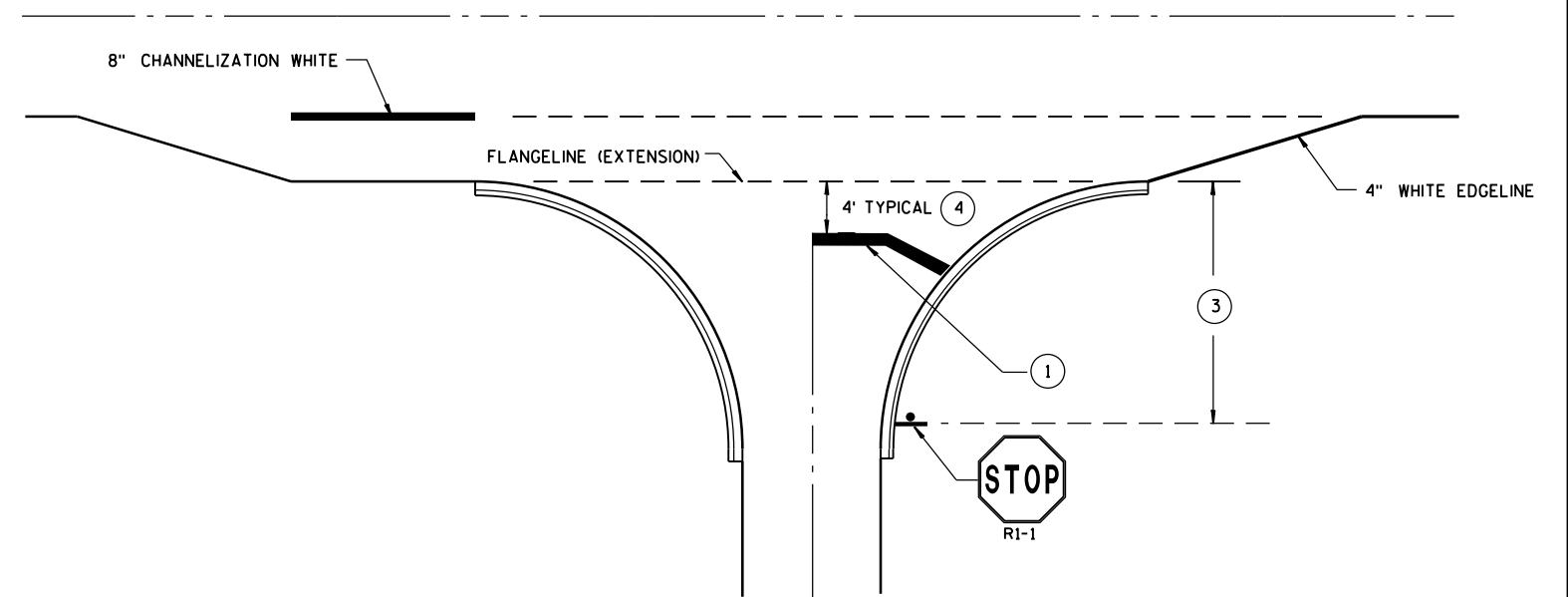
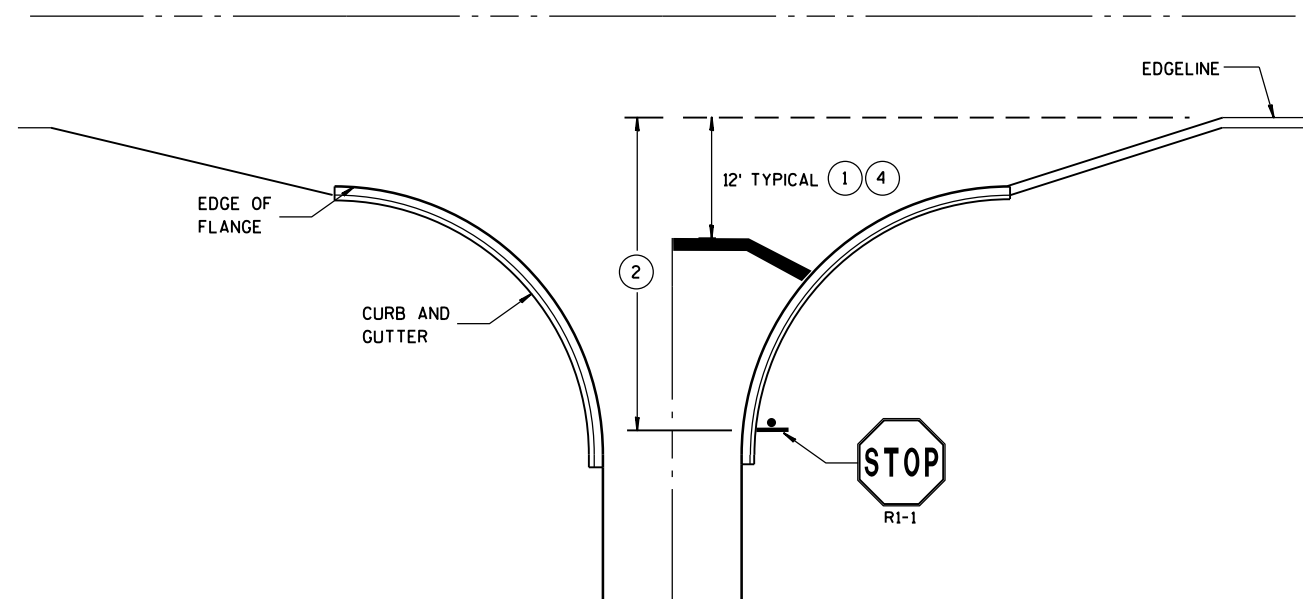
① 1/2 LENGTH OF FULL WIDTH ACCELERATION LANE.



APPROVED
Sept., 2017
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER

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GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

- 1 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
- 2 IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE THAN NO STOP LINE IS REQUIRED.
- 3 IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.
- 4 MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES. (NO CLOSER THAN 4 FEET).

STOP LINE AND CROSSWALK PAVEMENT MARKING

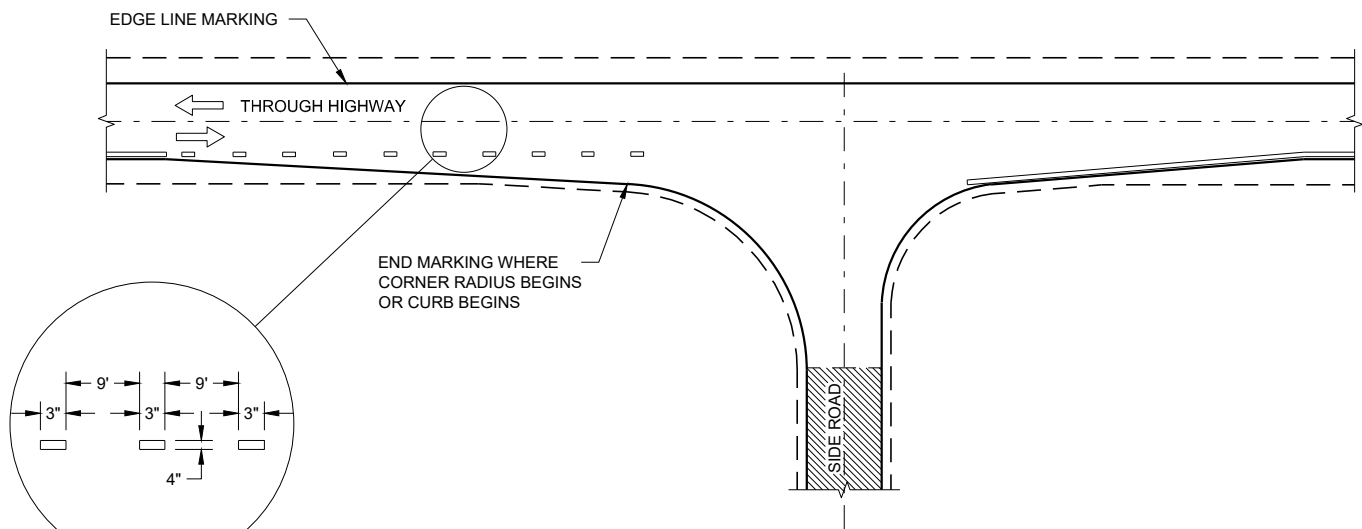
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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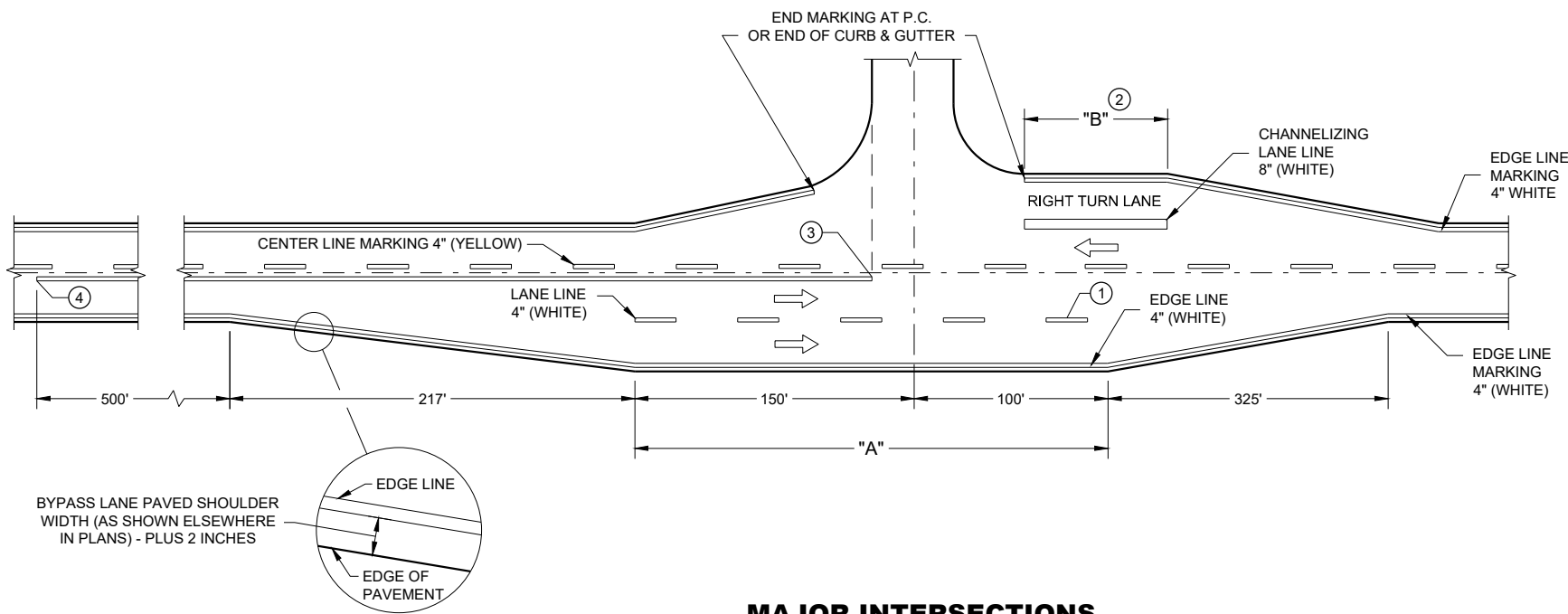
Sept., 2017 /S/ Matthew R. Rauch

DATE STATE SIGNING AND MARKING ENGINEER

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MINOR INTERSECTION



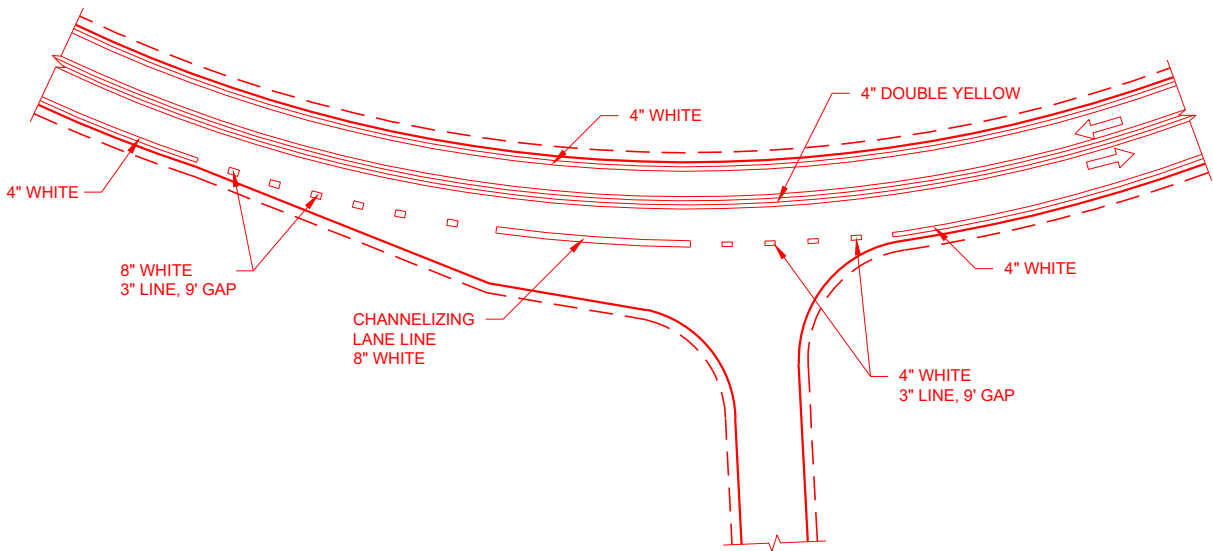
MAJOR INTERSECTIONS
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES 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 BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
- ④ BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER

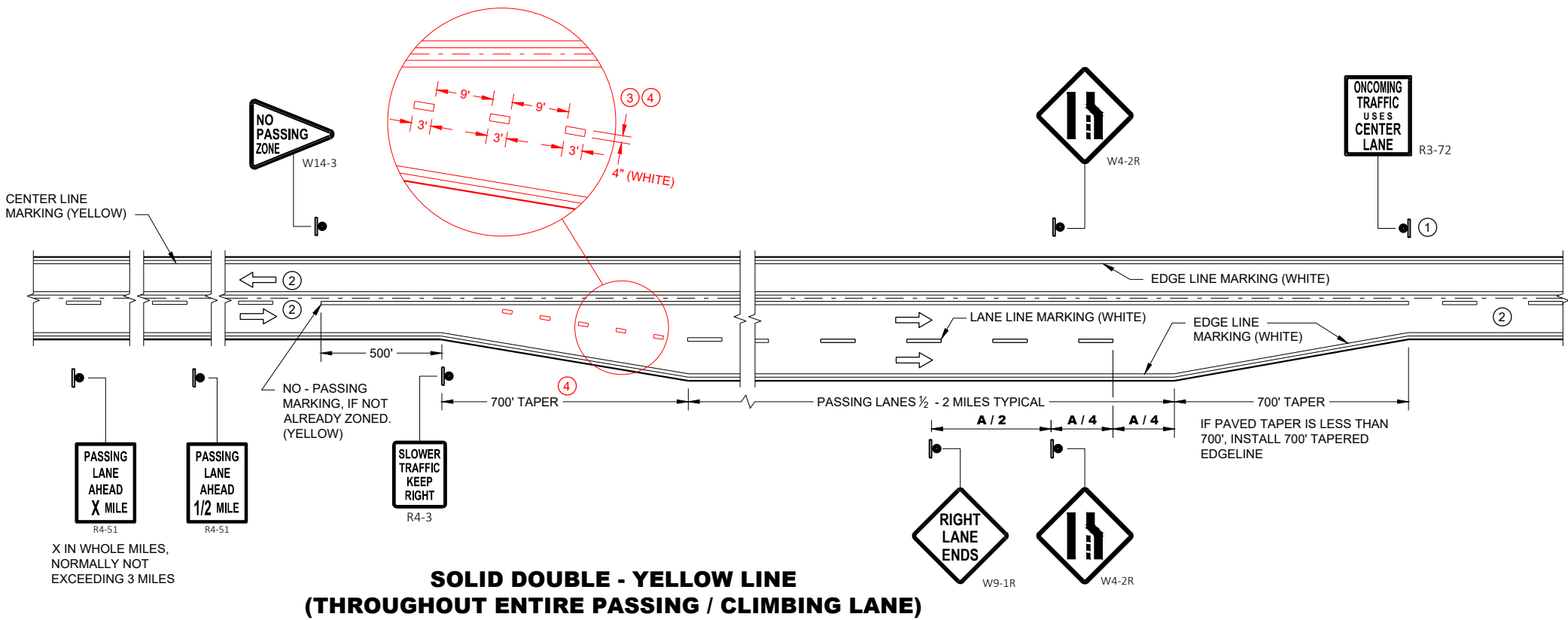
ARROW SYMBOL (➡) SHOWS DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE

PAVEMENT MARKING
(INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



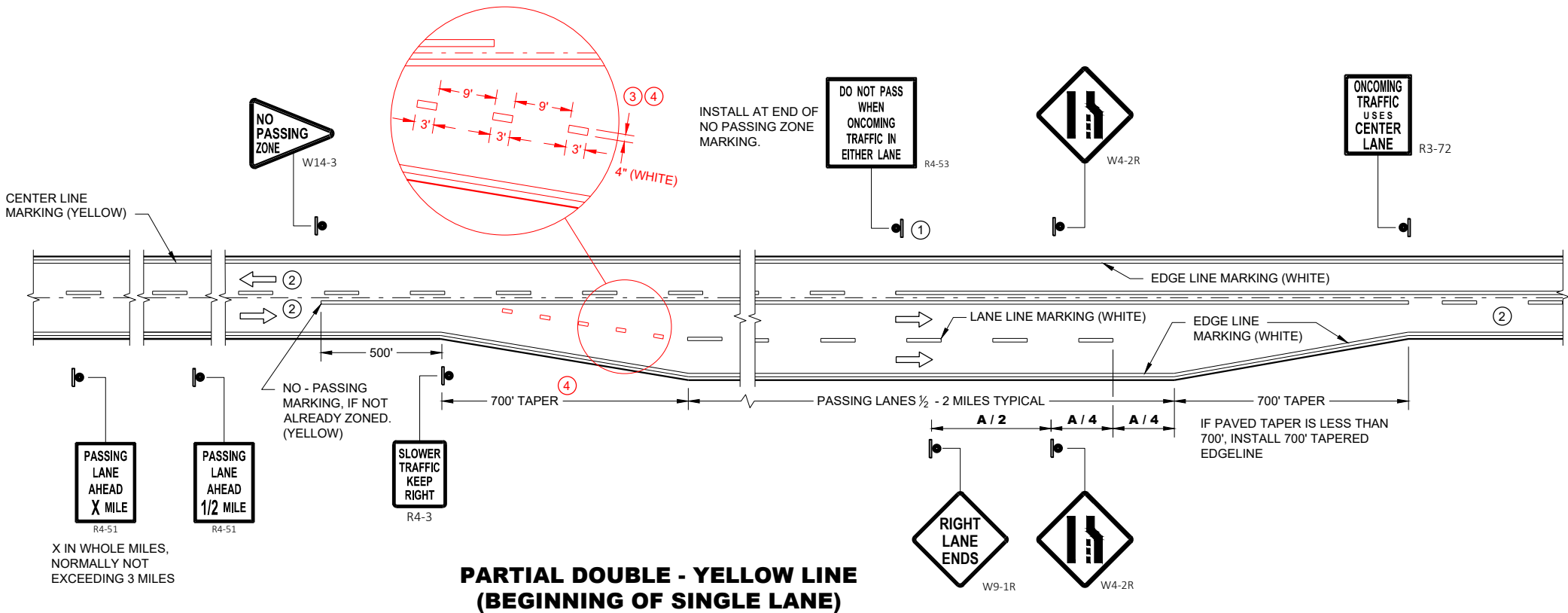
GENERAL NOTES

- ① SIGN SHALL BE REPEATED AT 1 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
- ② THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
- ③ THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3' LINE, 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- ④ WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING / CLIMBLING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.

ARROW SYMBOL (➡) SHOWS DIRECTION OF TRAVEL

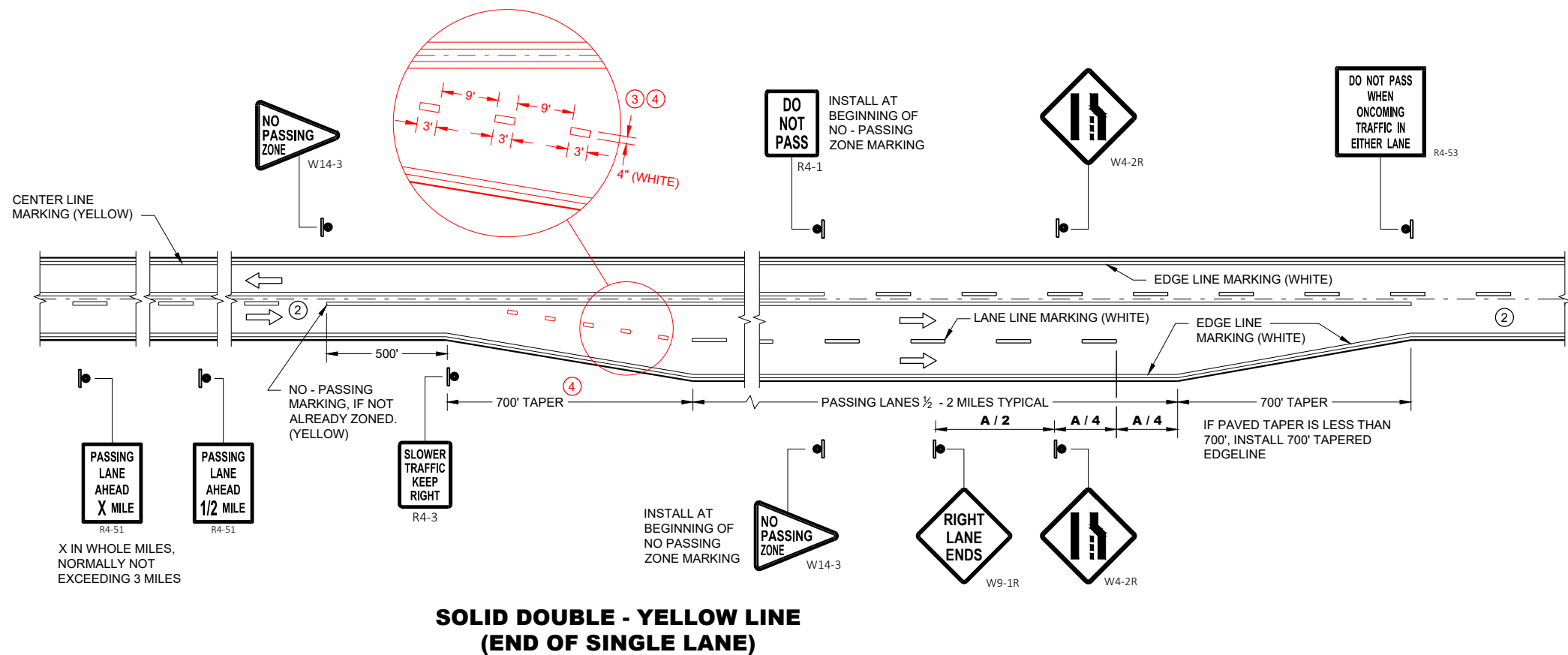
DISTANCE TABLE

| POSTED OR 85th PERCENTILE SPEED | DISTANCE "A" |
|---------------------------------|--------------|
| 45 | 775 |
| 50 | 850 |
| 55 | 950 |




PAVEMENT MARKING & SIGNING
(CLIMBLING LANE & PASSING LANE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



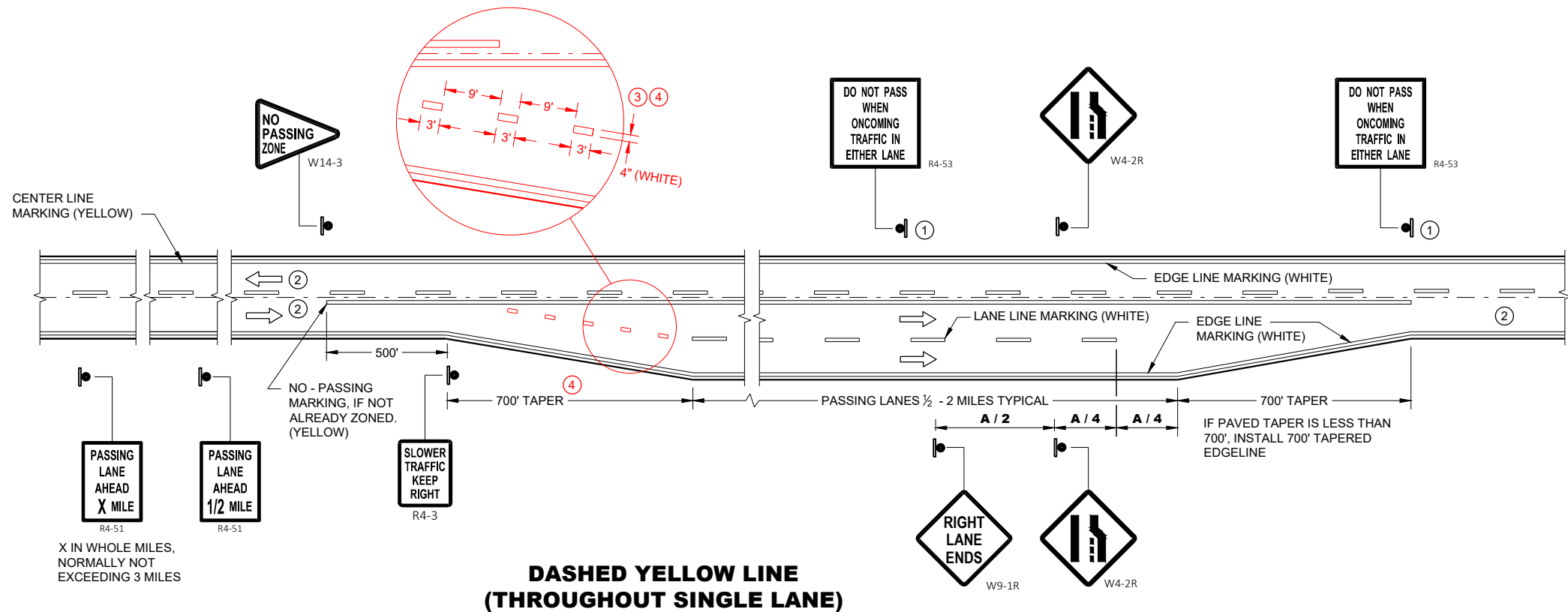
GENERAL NOTES

- 1 SIGN SHALL BE REPEATED AT 1 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
- 2 THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
- 3 THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3' LINE, 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- 4 WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING / CLIMBLING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.

ARROW SYMBOL () SHOWS DIRECTION OF TRAVEL

DISTANCE TABLE

| POSTED OR 85th PERCENTILE SPEED | DISTANCE "A" |
|---------------------------------|--------------|
| 45 | 775 |
| 50 | 850 |
| 55 | 950 |



PAVEMNET MARKING & SIGNING (CLIMBLING LANE & PASSING LANE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
00-00-00
DATE
/S/ <AUTHOR>
ROADWAY STANDARDS DEVELOPMENT
ENGINEER
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Notes



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