MAD

PROJECT ID: 5992-07-07

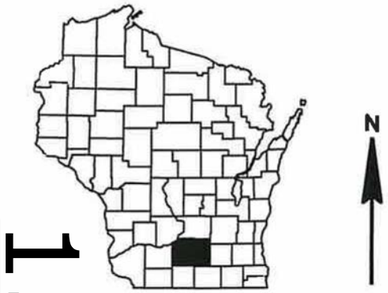
COUNTY: DANE

DECEMBER 2026

ORDER OF SHEETS


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


TOTAL SHEETS = 196



N

15

DESIGN DESIGNATION 5992-07-07

| | | | |
|---|---|---|---|
| A.A.D.T. | (2015) | = | 41,600 |
| A.A.D.T. | N/A | = | N/A |
| D.H.V. | | = | N/A |
| D.D. | | = | N/A |
| T. | | = | N/A |
| DESIGN SPEED | | = | 30 M.P.H. |
| ESALS | | = | N/A |

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 (300 EB)
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES

- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

# STATE OF WISCONSIN
# DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

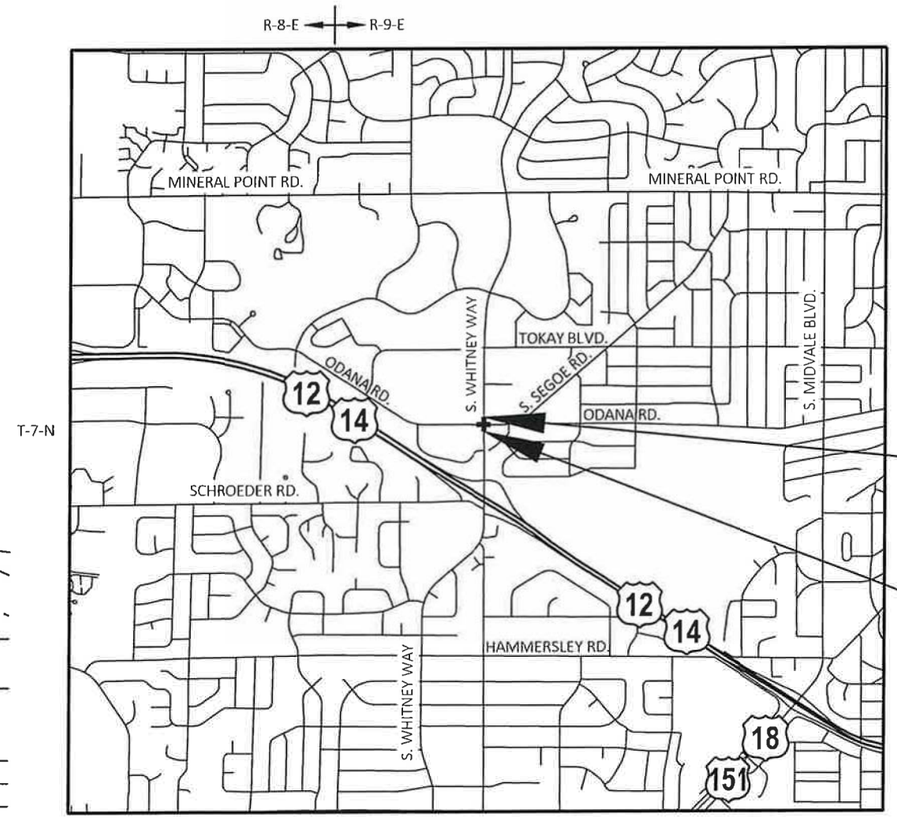
# C MADISON, SOUTH WHITNEY WAY

ODANA ROAD INTERSECTION

## LOC STR

## DANE COUNTY

| STATE PROJECT NUMBER |
|---|
| 5992-07-07 |




T-7-N

END PROJECT
STA 105+30.85
Y = 473,975.85
X = 797,292.66

BEGIN PROJECT
STA 103+04.14
Y = 473,749.15
X = 797,294.49

LAYOUT

SCALE 0 0.5 MI

TOTAL NET LENGTH OF CENTERLINE = 0.043 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), DANE COUNTY, NAD83 (2011R), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES.

ELEVATIONS ARE REFERENCED TO NAVD 88 ( 2012 ). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 18.

| STATE PROJECT | FEDERAL PROJECT | |
|---|---|---|
| | PROJECT | CONTRACT |
| 5992-07-07 | WISC 2027070 | 1 |
| | | |
| | | |
| | | |

ACCEPTED FOR

CITY OF MADISON

DATE: 7/17/26 Tom Mahr (Signature)

ORIGINAL PLANS PREPARED BY


MSA

1702 Pankratz St Madison, WI 53704

608-242-7779 1-800-446-0679 Fax: 608-242-5664


WISCONSIN PROFESSIONAL ENGINEER CHAD D. WAGNER E-45546 MADISON WI

DATE: 7/17/26 (Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

| | |
|---|---|
| Surveyor | MSA PROFESSIONAL SERVICES, INC. |
| Designer | MSA PROFESSIONAL SERVICES, INC. |
| Project Manager | DONALD CARPENTER, P.E. |
| Regional Examiner | SW REGION |
| Regional Supervisor | DELLA KOENIG, P.E. |

APPROVED FOR THE DEPARTMENT

DATE: 7/22/2026 (Signature)

E

## GENERAL NOTES:

THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT PHONE CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE LOCATIONS OF EROSION CONTROL ITEMS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE REPLANTED WITH TOPSOIL, FERTILIZER TYPE B AND SEEDING MIXTURE NO. 40, AS DIRECTED BY THE ENGINEER.

A VERTICAL SAWCUT SHALL BE MADE THROUGH EXISTING PAVEMENTS AT REMOVAL LIMITS.

CURB & GUTTER RADII ARE MEASURED FROM FACE OF CURB.

ADJUST TRAFFIC CONTROL DEVICES TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.

SOIL BORING LOGS CAN BE OBTAINED BY CONTACTING THE WISDOT SOUTHWEST REGION LOCAL PROGRAM PROJECT MANAGER.

## ORDER OF SECTION 2 SHEETS:

GENERAL NOTES
CONSTRUCTION DETAILS
PLAN DETAILS
CURB RAMP DETAILS
EROSION CONTROL
STORM SEWER
SIGNING REMOVAL
PERMANENT SIGNING
LIGHTING PLAN
TRAFFIC SIGNAL TEMPORARY
TEMPORARY FIBER OPTIC PLAN
TRAFFIC SIGNAL REMOVALS
TRAFFIC SIGNAL PLAN
FIBER OPTIC PLAN
PAVEMENT MARKING REMOVAL
PAVEMENT MARKING
TRAFFIC CONTROL
PEDESTRIAN DETOUR
ALIGNMENT DETAILS

## RUNOFF COEFFICIENT TABLE

| | HYDROLOGIC SOIL GROUP | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | | | B | | | C | | | D | | |
| | SLOPE RANGE (PERCENT) | | | SLOPE RANGE (PERCENT) | | | SLOPE RANGE (PERCENT) | | | SLOPE RANGE (PERCENT) | | |
| LAND USE: | 0-2 | 2-6 | 6 & OVER | 0-2 | 2-6 | 6 & OVER | 0-2 | 2-6 | 6 & OVER | 0-2 | 2-6 | 6 & OVER |
| MEDIAN STRIP TURF | 0.19 | 0.20 | 0.24 | 0.19 | 0.22 | 0.26 | 0.20 | 0.23 | 0.30 | 0.20 | 0.25<br>0.32 | 0.30<br>0.40 |
| SIDE SLOPE TURF | | | 0.25 | | | 0.27 | | | 0.28 | | | 0.30<br>0.38 |
| PAVEMENT: | 0.40 - 0.60 | | | | | | | | | | | |
| ASPHALT: | 0.70 - 0.95 | | | | | | | | | | | |
| CONCRETE: | 0.80 - 0.95 | | | | | | | | | | | |
| BRICK: | 0.70 - 0.80 | | | | | | | | | | | |
| DRIVES, WALKS: | 0.75 - 0.85 | | | | | | | | | | | |
| ROOFS: | 0.75 - 0.95 | | | | | | | | | | | |
| GRAVEL ROADS, SHOULDERS | 0.40 - 0.60 | | | | | | | | | | | |

TOTAL PROJECT AREA = 1.14 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.26 ACRES

## DESIGNER CONTACT:

MSA PROFESSIONAL SERVICES, INC.
ATTN: CHAD WAGNER, P.E.
1702 PANKRATZ STREET
MADISON, WI 53704
PHONE: (608) 242-6651
EMAIL: cwagner@msa-ps.com

## LOCAL PROGRAM CONTACT:

WISCONSIN DEPARTMENT OF TRANSPORTATION
ATTN: DELLA KOENIG, P.E.
2101 WRIGHT STREET
MADISON, WI 53704
PHONE: (608) 246-7963
EMAIL: della.koenig@dot.wi.gov

## DNR LIAISON:

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
ATTN: ERIC HEGGELUND
DNR SOUTH CENTRAL REGION HEADQUARTERS
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
PHONE: (608) 228-7927
EMAIL: eric.heggelund@wisconsin.gov

## UTILITY CONTACTS:

### COMMUNICATIONS:

AMERICAN TRANSMISSION COMPANY
ATTN: JEFF VANDERWERFF
W234 N. 2000 RIDGEWAY PARKWAY COURT
WAUKESHA, WI 53188
PHONE: (262) 2026-4966
EMAIL: jvanderwerff@atcllc.com

BLUEBIRD FIBER
ATTN: BRANDON LASTOVICH
324 E. WISCONSIN AVENUE, SUITE 730
MILWAUKEE, WI 53202
PHONE: (414) 522-6733
EMAIL: brandon.lastovich@bluebirdfiber.com

CITY OF MADISON, FIBER OPTIC
ATTN: CHAD VEINOT
1120 SAYLE STREET
MADISON, WI 53715
PHONE: (608) 267-1960
EMAIL: cveinot@cityofmadison.com

LUMEN TECHNOLOGIES
ATTN: RYAN BIRDSALL
710 E. MIFFLIN STREET
MADISON, WI 53704
PHONE: (608) 444-2493
EMAIL: ryan.birdsall@lumen.com

SPECTRUM
ATTN: MIKE TRANKLE
2718 DANIELS STREET
MADISON, WI 53718
PHONE: (608) 220-3025
EMAIL: mike.trankle@chartercom.com

TDS TELECOM
ATTN: MICHAEL SCHNEIDER
525 JUNCTION ROAD
MADISON, WI 53717
PHONE: (608) 828-9451
EMAIL: michael.schneider@tdstelecom.com

US SIGNAL
ATTN: ADAM SANDERS
7020 SOUTHBELT DRIVE
CALEDONIA, MI 49316
PHONE: (616) 915-7869
EMAIL: asanders@tkns.net

### ELECTRIC:

AMERICAN TRANSMISSION COMPANY
ATTN: JEFF VANDERWERFF
W234 N. 2000 RIDGEWAY PARKWAY COURT
WAUKESHA, WI 53188
PHONE: (262) 2026-4966
EMAIL: jvanderwerff@atcllc.com

MADISON GAS & ELECTRIC
ATTN: ANTHONY SANFRATELLO
623 RAILROAD STREET
MADISON, WI 53701
PHONE: (608) 931-1284
EMAIL: asanfratello@mge.com

### GAS:

MADISON GAS & ELECTRIC
ATTN: ROGER AHLES
623 RAILROAD STREET
MADISON, WI 53701
PHONE: (608) 252-5682
EMAIL: rahles@mge.com

### SANITARY SEWER:

CITY OF MADISON, SANITARY SEWER
ATTN: RYAN SCHMIDT
1600 EMIL STREET
MADISON, WI 53713
PHONE: (608) 225-8632
EMAIL: rschmidt@cityofmadison.com

### TELEPHONE:

AT&T WISCONSIN
ATTN: RICK PODOLAK
304 S. DEWEY STREET
EAU CLAIRE, WI 54701
PHONE: (715) 410-0656
EMAIL: rp4514@att.com

### WATERMAIN:

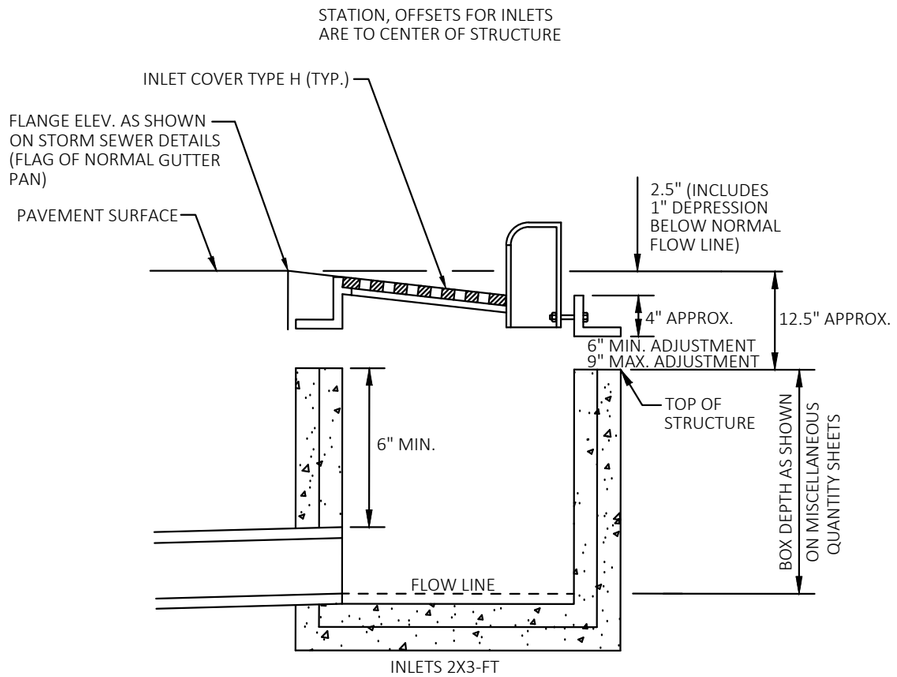
CITY OF MADISON WATER UTILITY
ATTN: ADAM WIEDERHOEFT
119 E. OLIN AVENUE
MADISON, WI 53713
PHONE: (608) 266-9121
EMAIL: awiederhoeft@madisonwater.org

## OTHER CONTACTS:

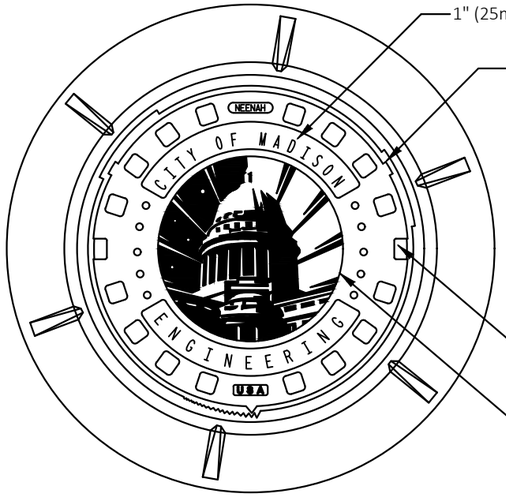
CITY OF MADISON, STREET LIGHTING AND TRAFFIC SIGNALS
ATTN: CHAD VEINOT
1120 SAYLE STREET
MADISON, WI 53715
PHONE: (608) 267-1960
EMAIL: cveinot@cityofmadison.com

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

2




DETAIL FOR COMPUTING INLET ELEVATIONS




1" (25mm) HIGH LETTER

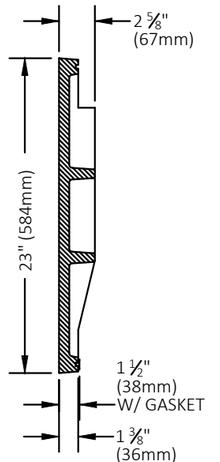
NON-ROCKING FEATURE-
3 PLACES, 120 DEGREES
APART

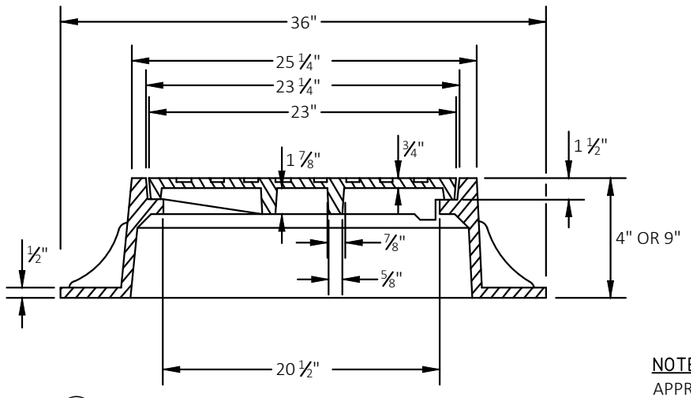
(2) CONCEALED
TYPE PICKHOLES
PER NF-22642

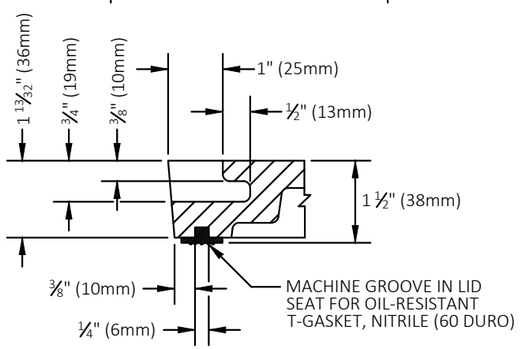
CITY OF MADISON ENGINEERING LOGO,
SHADED AREA REPRESENTS RECESSED AREA

**LOGO DETAIL**






**T-SEAL GASKET/CONCEALED PICK DETAIL**

1. FRAME AND COVER SHALL BE MACHINED AND FITTED SO THAT ROCKING AND CHATTERING WILL BE ELIMINATED.

2. ALL LIDS SHALL BE SELF-SEALING EXCEPT FOR STORM SEWER.

3. ALL LIDS SHALL HAVE CITY OF MADISON LOGO AS SHOWN IN DETAIL (R-1550-0054 OR EQUIV.)

LID NOTES: ALL DIMENSIONS SHOWN ARE IN ENGLISH AND (METRIC)
MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 35B

**NOTES:**

APPROXIMATE TOTAL WEIGHTS:
R-1550 w/ LOGO LID 1550-0054, 9" FRAME AND LID = 265 LBS.
R-1689 w/ LOGO LID 1550-0054, 4" FRAME AND LID = 279 LBS.

IF LOCKABLE LID IS NECESSARY, R-1920, 8 3/4" FRAME AND LID = 300 LBS
THERE IS NO CITY OF MADISON LOGO LID AVAILABLE FOR THIS
FRAME AND CASTING.

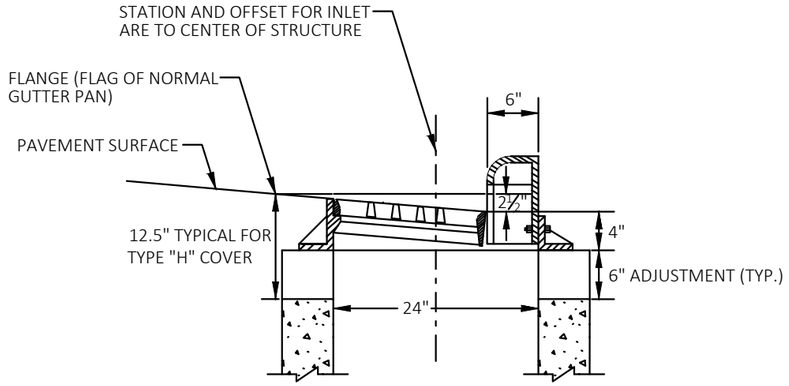
THE FOLLOWING NEENAH FOUNDRY CASTINGS (OR EQUAL CASTINGS)
SHALL BE ACCEPTABLE:

1. R-1550, 9" NON-ROCKING ACCESS STRUCTURE FRAME.

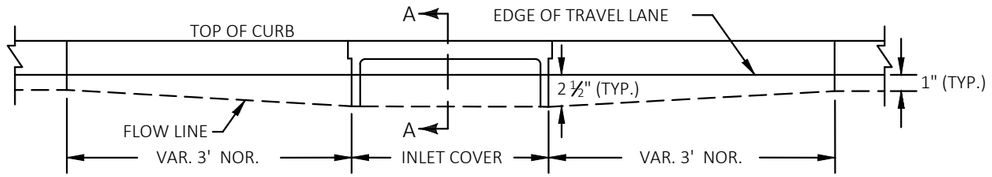
2. R-1689, 4" NON-ROCKING ACCESS STRUCTURE FRAME
(WHEN REQUESTED BY THE CITY CONSTRUCTION ENGINEER).

3. R-1920, 8 3/4" ACCESS STRUCTURE FRAME WITH LOCKING LID,
TYPE 'F' LOCKS, AND CONCEALED PICK HOLES. TO BE USED IN
GREENWAYS AND EASEMENTS.

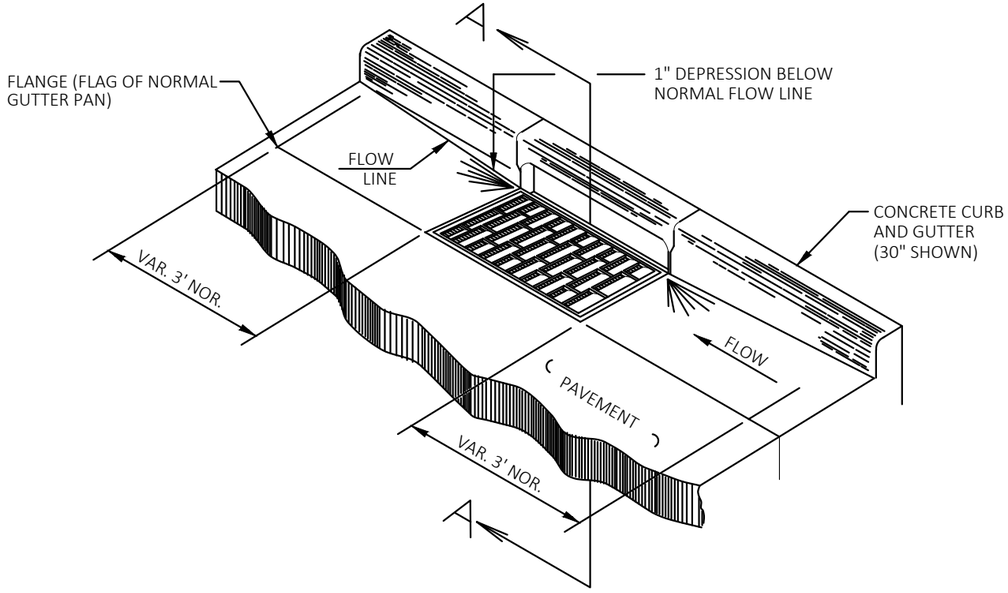
MANHOLE COVERS TYPE J-SPECIAL DETAIL



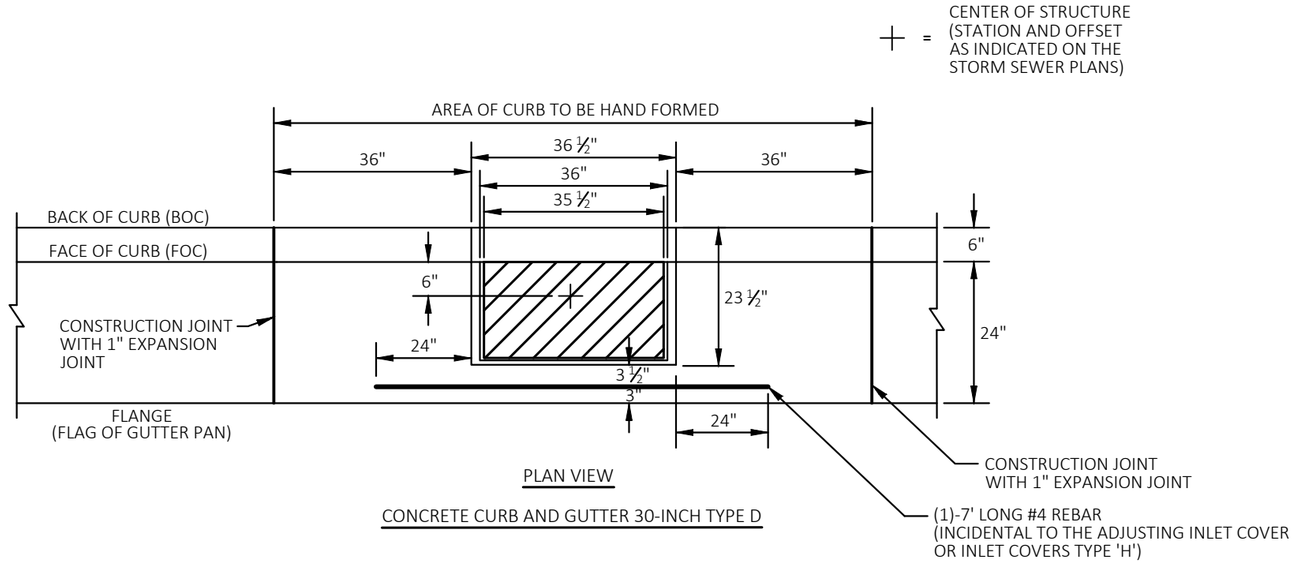

SECTION A-A




ELEVATION




CURB AND GUTTER AT INLET DETAIL




PLAN VIEW

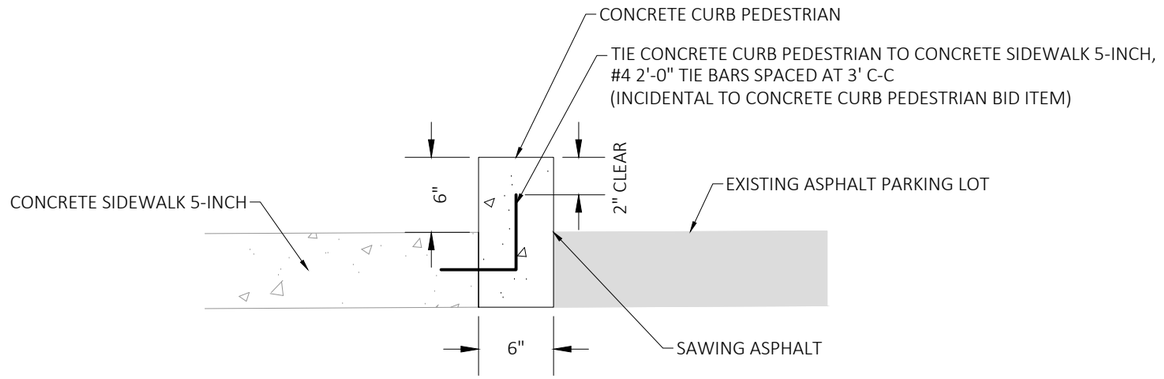
CONCRETE CURB AND GUTTER 30-INCH TYPE D

CURB AND GUTTER AT INLET DETAIL

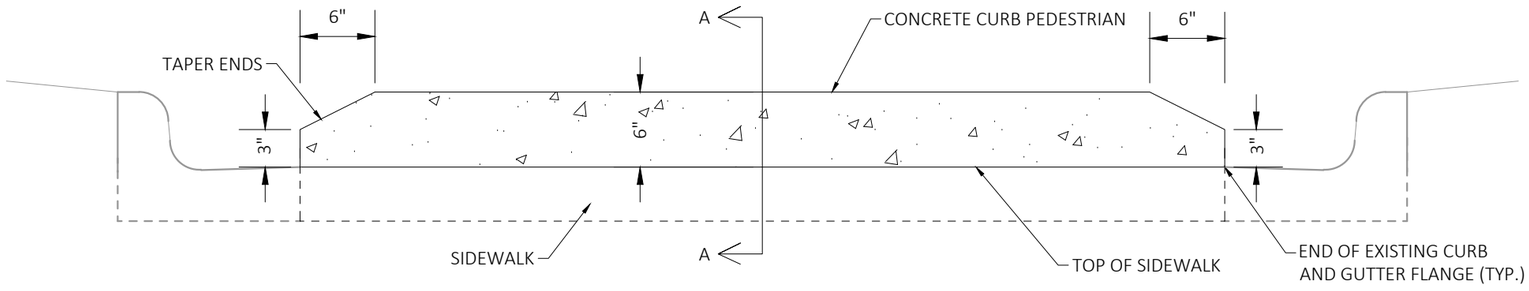
| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | CONSTRUCTION DETAILS | SHEET 5 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\021001-CD.DWG
LAYOUT NAME - 021002-cd
PLOT DATE : 6/15/2026 3:15 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : NONE
WISDOT/CADDS SHEET 42

2



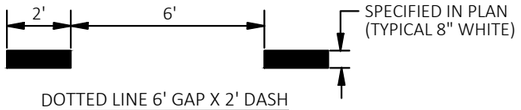

SECTION A - A



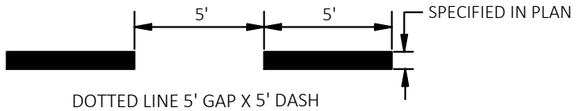

DETAIL FOR DRIVEWAY CLOSURE
NOT TO SCALE


| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | CONSTRUCTION DETAILS | SHEET 6 | E |
|---|---|---|---|---|---|

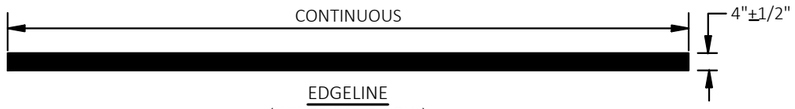
FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\021001-CD.DWG
LAYOUT NAME - 021003-cd
PLOT DATE : 6/15/2026 3:15 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : NONE
WISDOT/CADDS SHEET 42



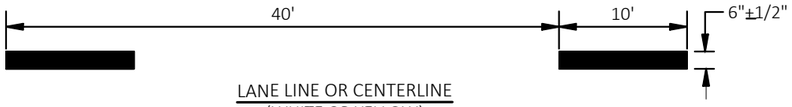

DOTTED LINE 6' GAP X 2' DASH
(WHITE OR YELLOW)



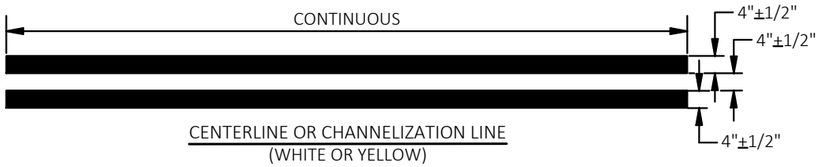

DOTTED LINE 5' GAP X 5' DASH
(WHITE OR YELLOW)



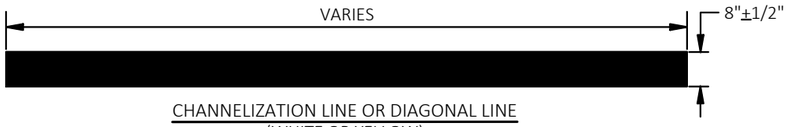

EDGELINE
(WHITE OR YELLOW)



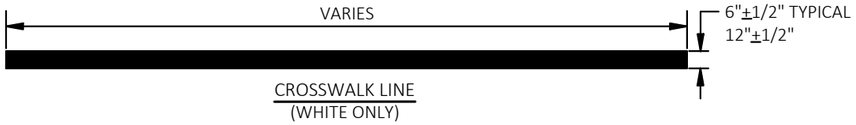

LANE LINE OR CENTERLINE
(WHITE OR YELLOW)



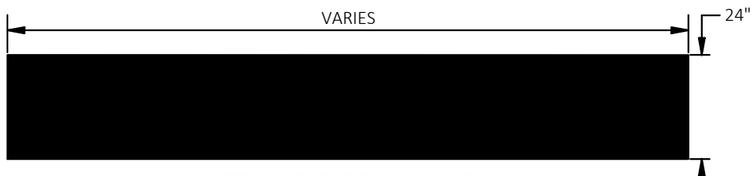

CENTERLINE OR CHANNELIZATION LINE
(WHITE OR YELLOW)



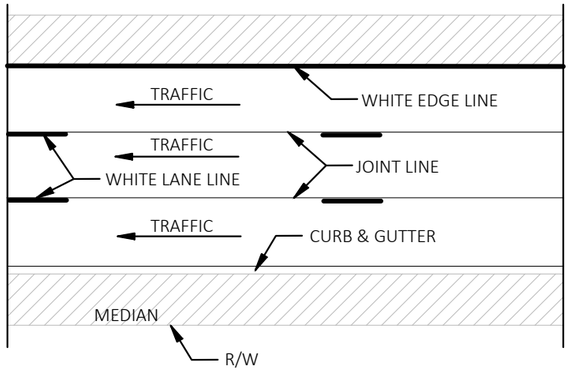

CHANNELIZATION LINE OR DIAGONAL LINE
(WHITE OR YELLOW)



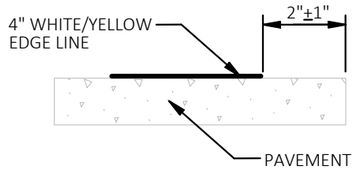

CROSSWALK LINE
(WHITE ONLY)




STOP LINE OR CROSSWALK LINE
(WHITE ONLY)




MARKING PLACEMENT DETAIL




EDGE LINE PLACEMENT

GENERAL NOTES FOR
EPOXY PAVEMENT MARKINGS

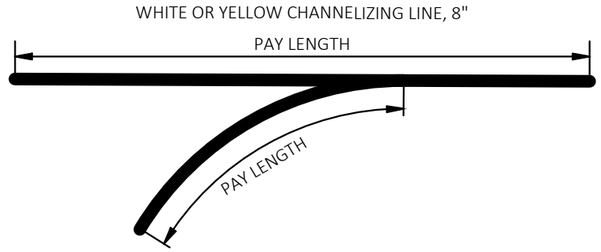
APPLY ALL MARKINGS IN ACCORDANCE WITH THE STATE OF WISCONSIN MANUAL ON TRAFFIC CONTROL DEVICES.

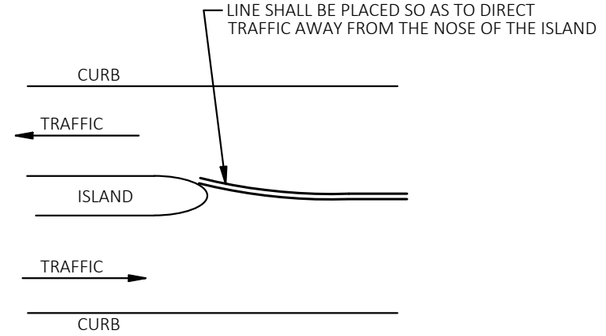
AT STREET INTERSECTIONS, MARKINGS START OR END AT THE MARKED CROSSWALK. THE PROPERTY LINE EXTENDED, IF THERE IS NO MARKED CROSSWALK.

CROSSWALKS AND STOP BARS WILL BE PLACED NO CLOSER THAN 2' TO THE FACE OF CURB.

ADHERE TO THE TRAFFIC SPECIFICATION IN THE SPECIAL PROVISIONS AT ALL TIMES.

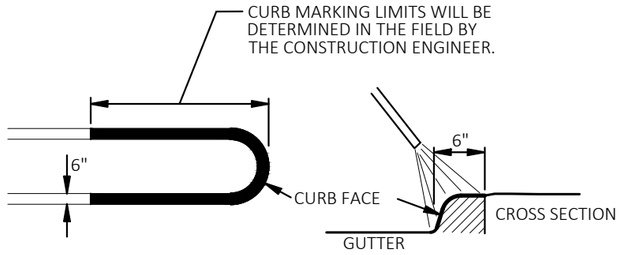
FOR MORE INFORMATION AND FULL SIZE PATTERNS FOR ARROWS & WORD LEGENDS ARE AVAILABLE AT THE CITY OF MADISON TRAFFIC ENGINEERING FIELD OPERATIONS FACILITY 1120 SAYLE ST. (608) 266-4767



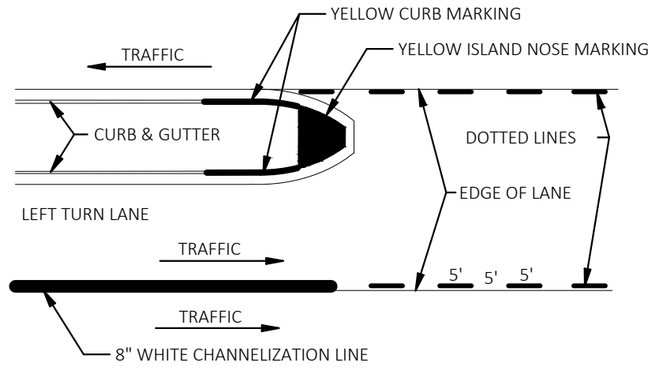




ISLAND APPROACH




CURB & ISLAND MARKING DETAILS

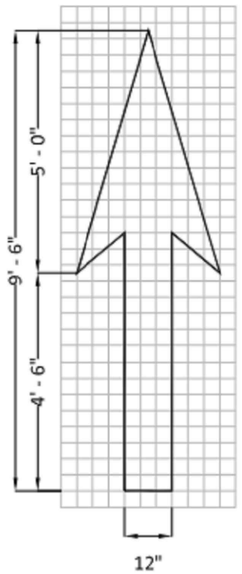


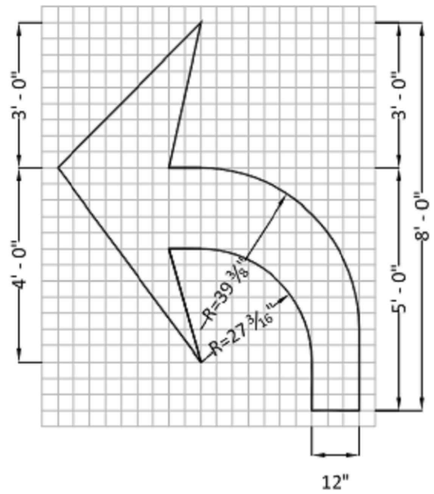

LEFT TURN LANE

PERMANENT PAVEMENT MARKING DETAILS

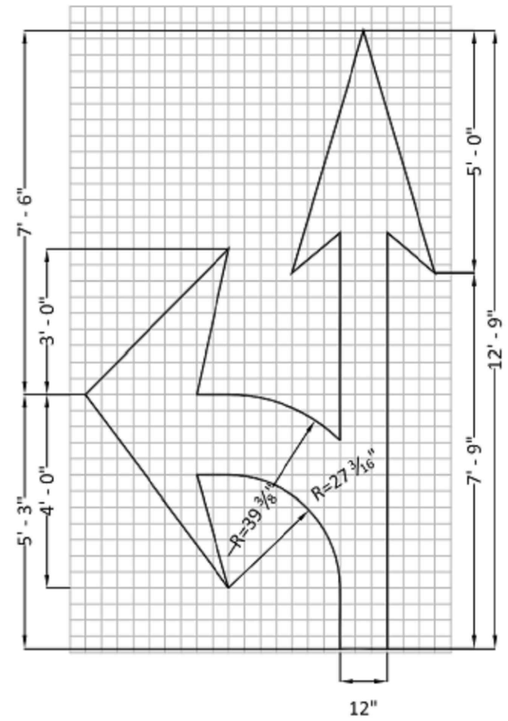
(CITY OF MADISON S.D.D. 6.37)

2

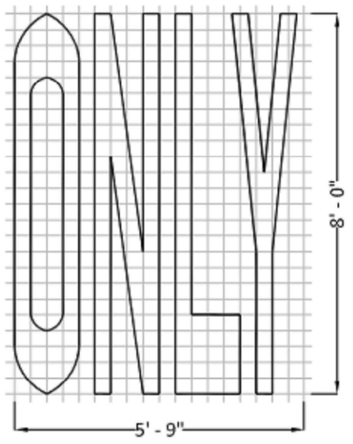



RIGHT ARROW DIMENSIONS
SAME AS SHOWN ON LEFT ARROW




ARROWS



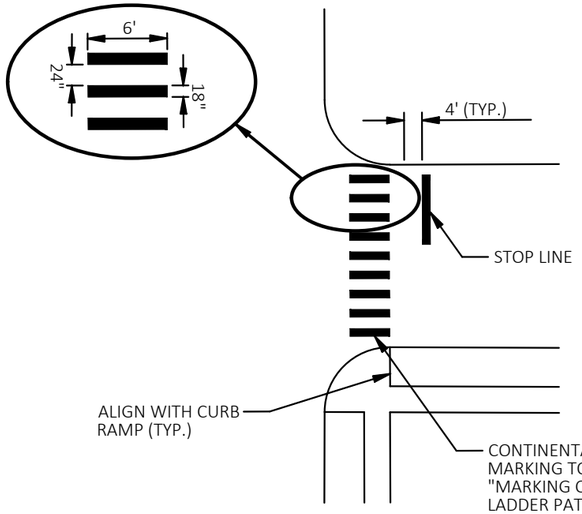

'ONLY'

ARROW AND WORDS PAVEMENT MARKING DETAILS

FULL SIZE PATTERNS FOR ARROWS &
WORD LEGENDS ARE AVAILABLE AT:
CITY OF MADISON TRAFFIC ENGINEERING
FIELD OPERATIONS FACILITY
1120 SAYLE ST. (608) 266-4767

(CITY OF MADISON S.D.D. 6.39)

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | CONSTRUCTION DETAILS | SHEET 8 | E |
|---|---|---|---|---|---|



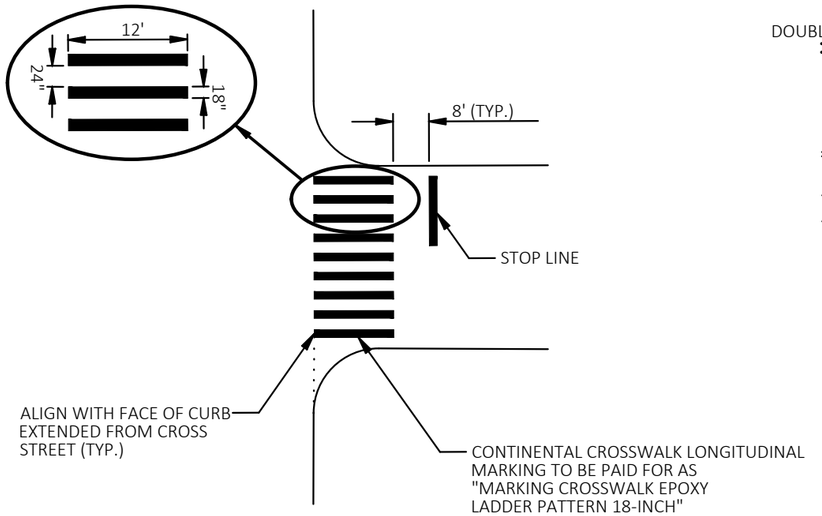

RESIDENTIAL CONTINENTAL CROSSWALK NOTES

CONTINENTAL CROSSWALKS HAVE 18 INCH WIDE 6 FOOT LONG CROSSBARS PLACED IN LINE WITH THE TRAFFIC FLOW.

THE SPACING OR GAP BETWEEN THE CROSSBARS IS 24 INCHES.

THE CROSSBARS SHALL BE PLACED IN A MANNER THAT MINIMIZES CONTACT WITH VEHICLES TIRES.

RESIDENTIAL CONTINENTAL CROSSWALK & STOP LINE DETAILS




CONTINENTAL CROSSWALK NOTES

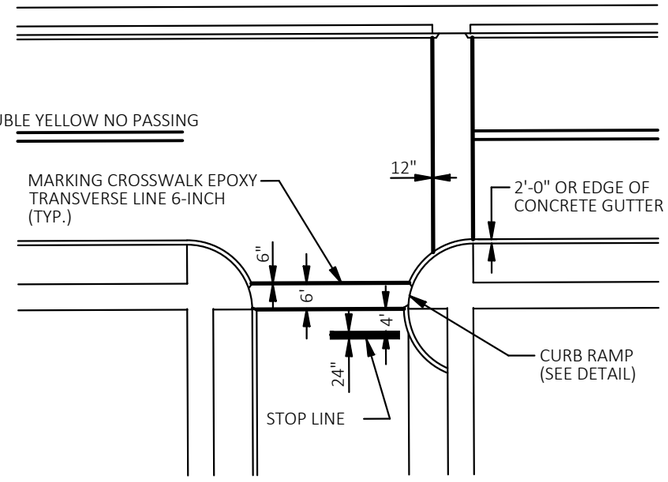
CONTINENTAL CROSSWALKS HAVE 18 INCH WIDE 12 FOOT LONG CROSSBARS PLACED IN LINE WITH THE TRAFFIC FLOW.

THE SPACING OR GAP BETWEEN THE CROSSBARS IS 24 INCHES.

THE CROSSBARS SHALL BE PLACED IN A MANNER THAT MINIMIZES CONTACT WITH VEHICLES TIRES.

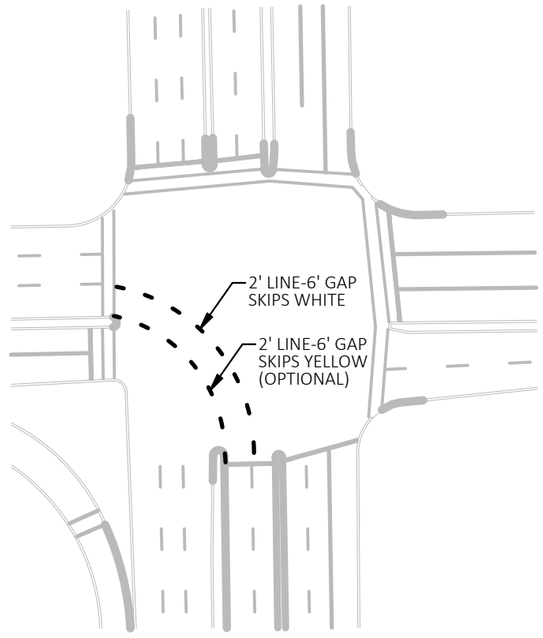
CONTINENTAL CROSSWALK & STOP LINE DETAILS

DOUBLE YELLOW NO PASSING



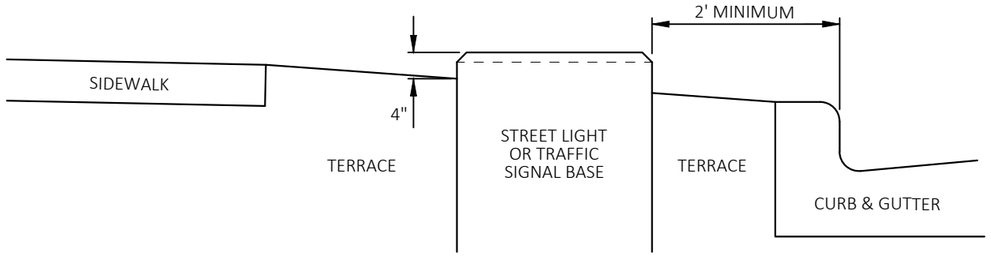

CROSSWALK & STOP LINE DETAILS

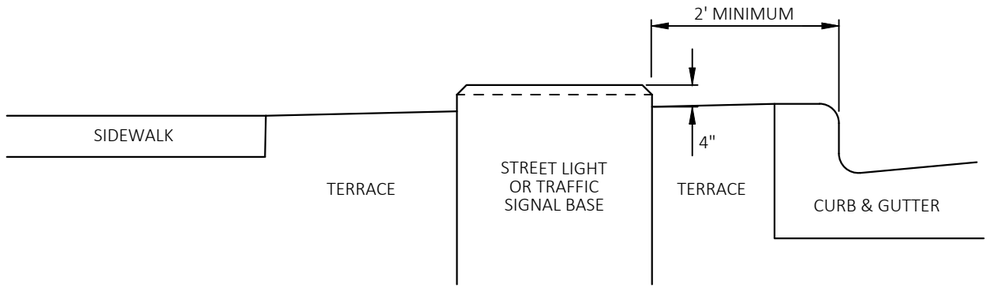
PAVEMENT MARKING DETAILS

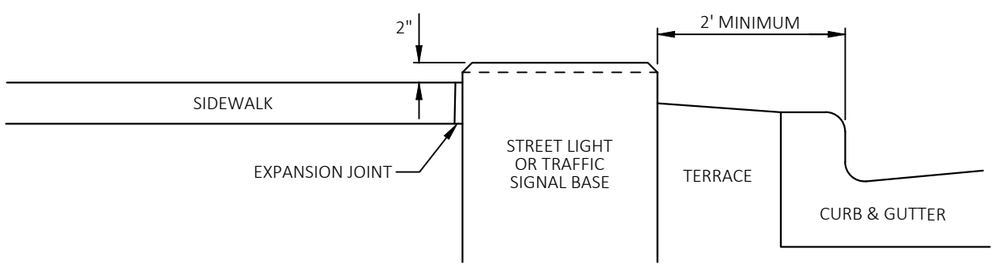


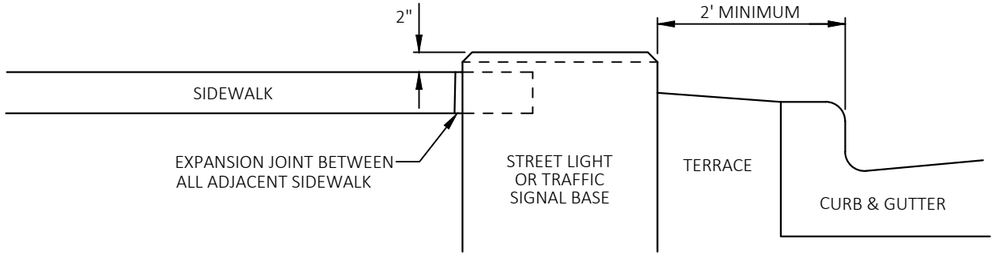

TURN RADIUS LINE DETAIL

(CITY OF MADISON S.D.D. 6.38)



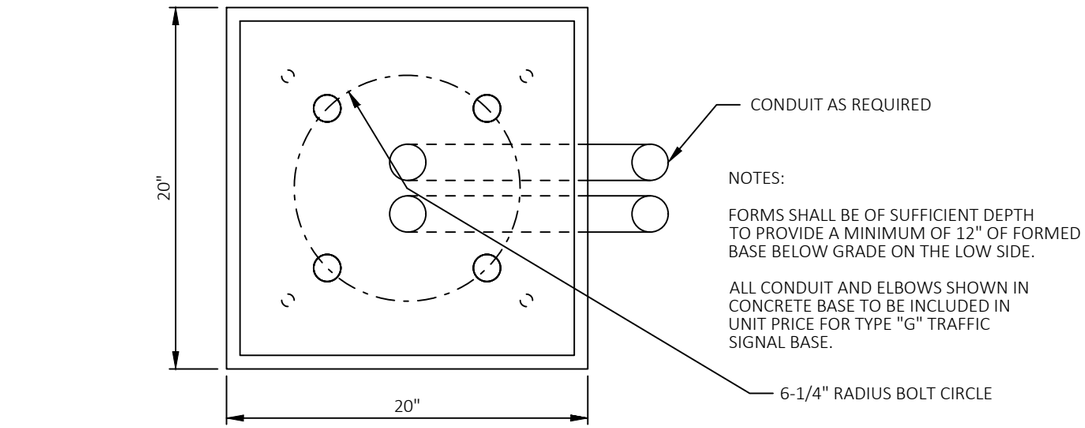



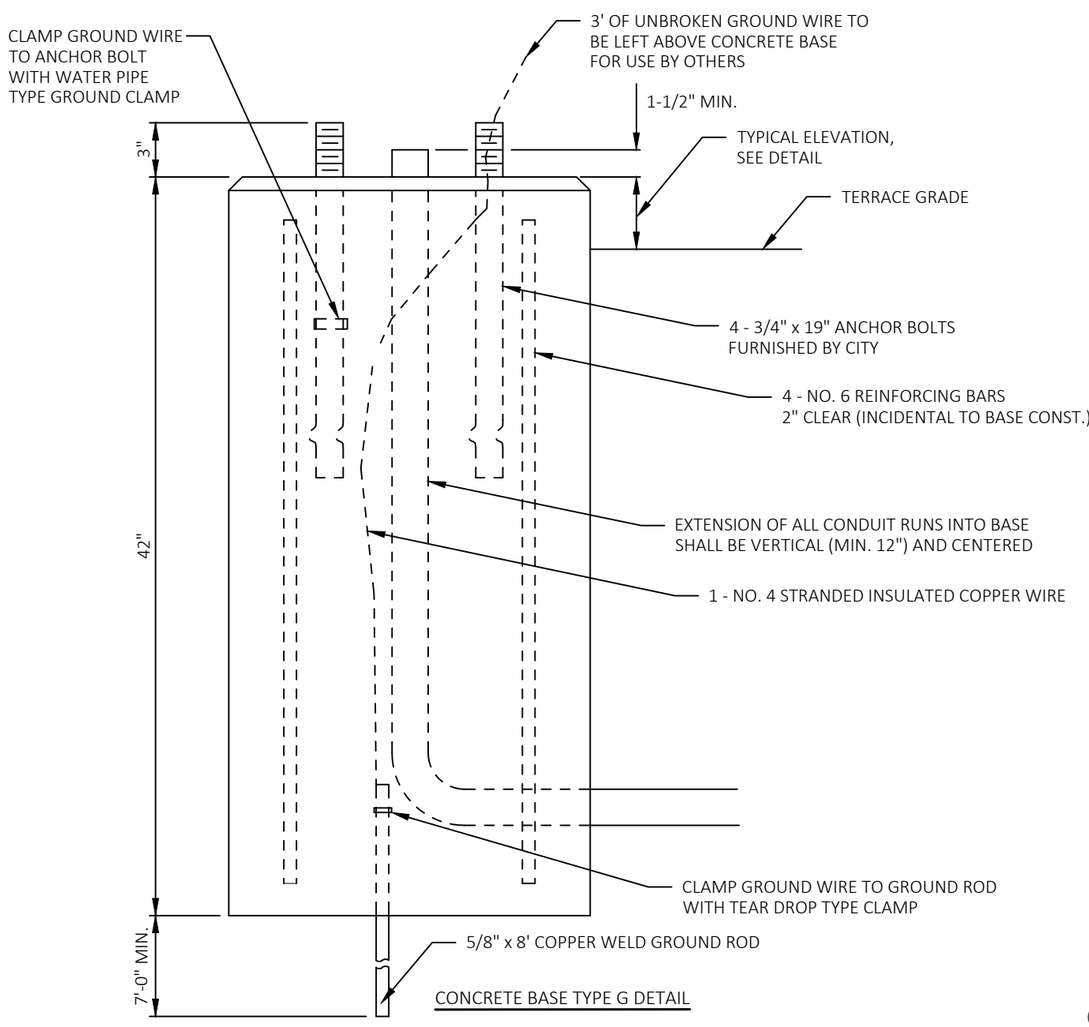




TYPICAL ELEVATIONS FOR BASES

(CITY OF MADISON S.D.D. 6.01)



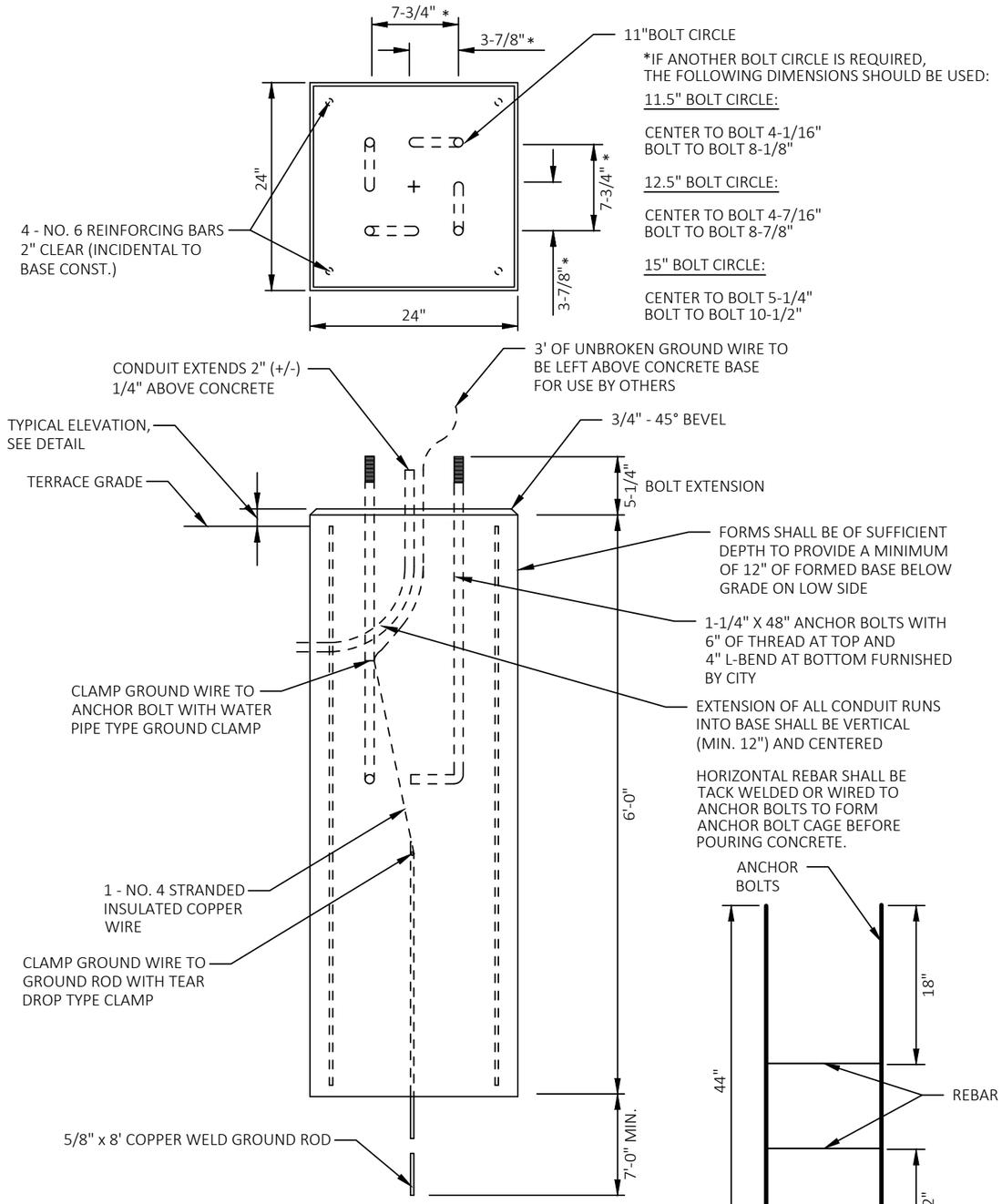




CONCRETE BASE TYPE G DETAIL

(CITY OF MADISON S.D.D. 6.11)

2

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | CONSTRUCTION DETAILS | SHEET 10 E |
|---|---|---|---|---|

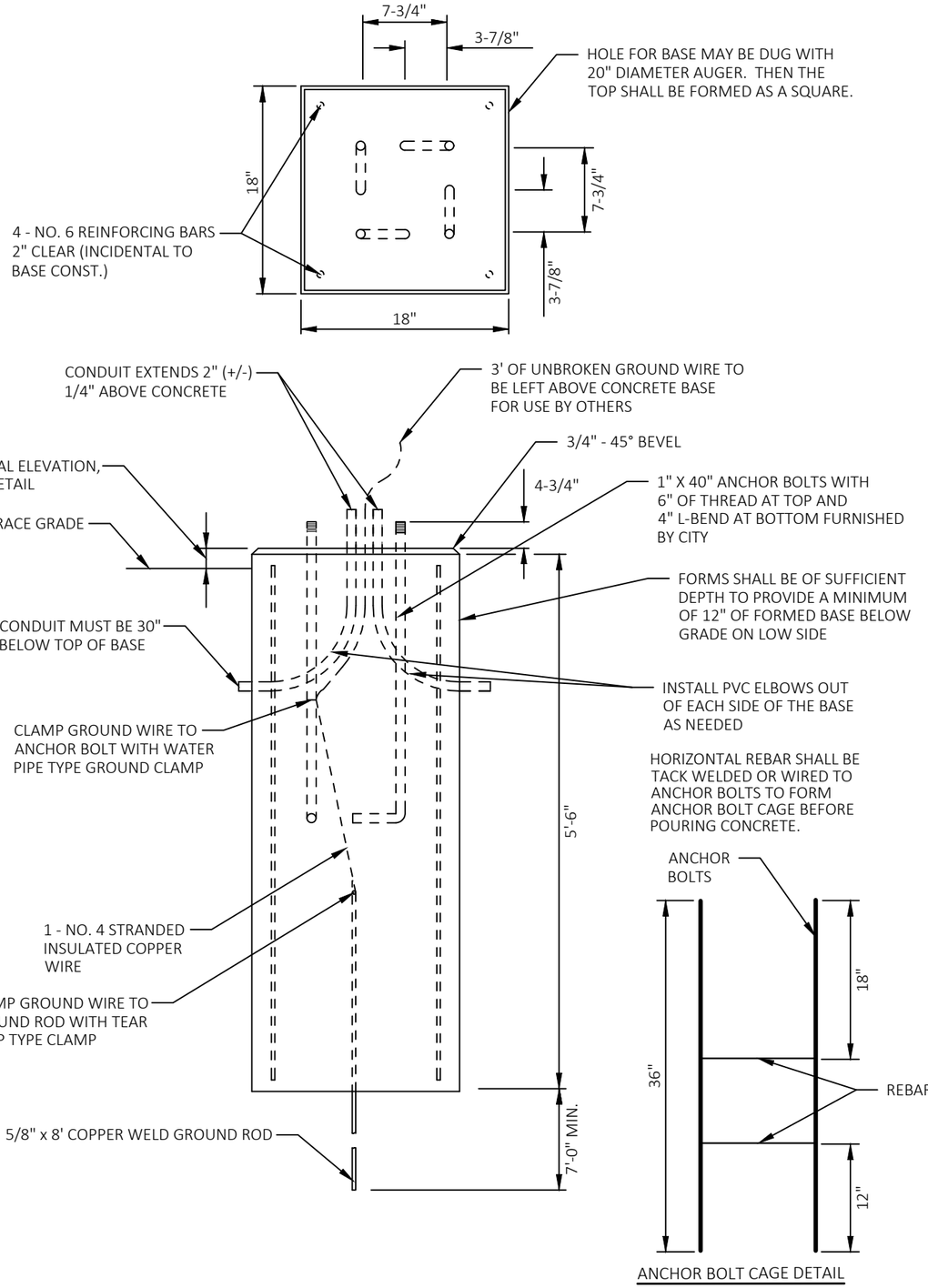



CONCRETE BASE TYPE LB-8 DETAIL

ANCHOR BOLT CAGE DETAIL

(CITY OF MADISON S.D.D. 6.19)

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | CONSTRUCTION DETAILS | SHEET 11 E |
|---|---|---|---|---|



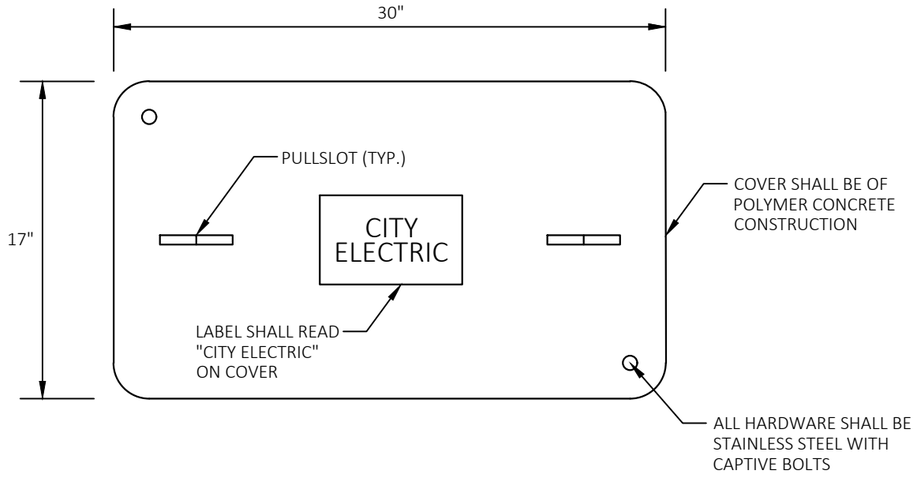

CONCRETE BASE TYPE LB-3 DETAIL

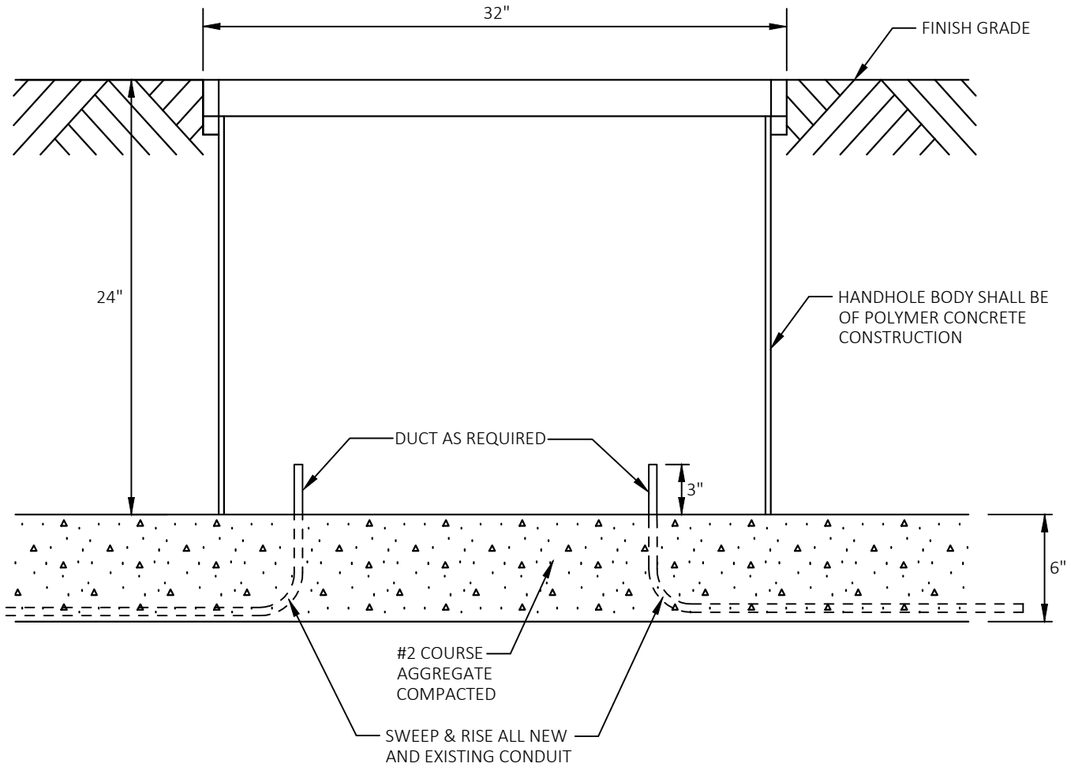



ANCHOR BOLT CAGE DETAIL

(CITY OF MADISON S.D.D. 6.14)

2

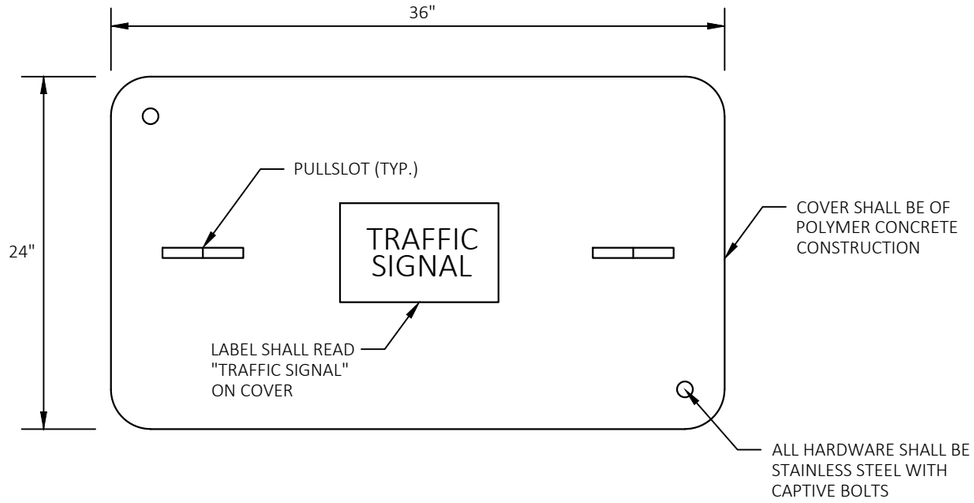


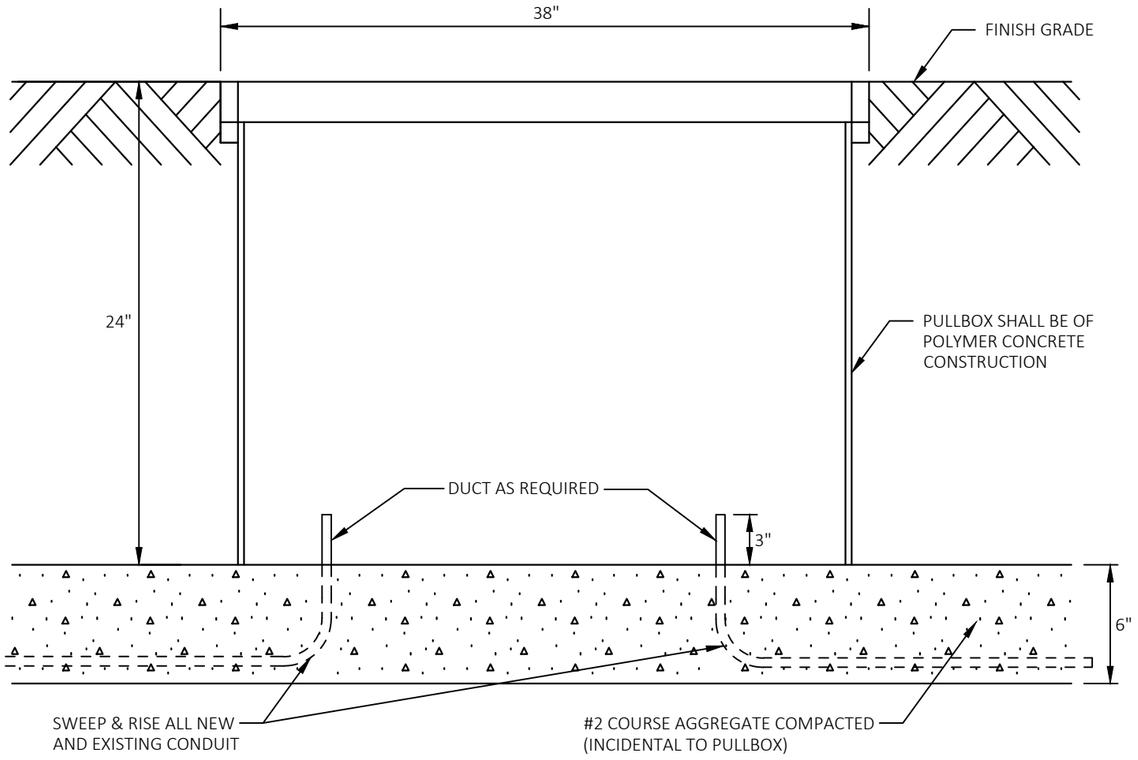




ELECTRICAL PULL BOX TYPE I DETAIL

(CITY OF MADISON S.D.D. 6.22)

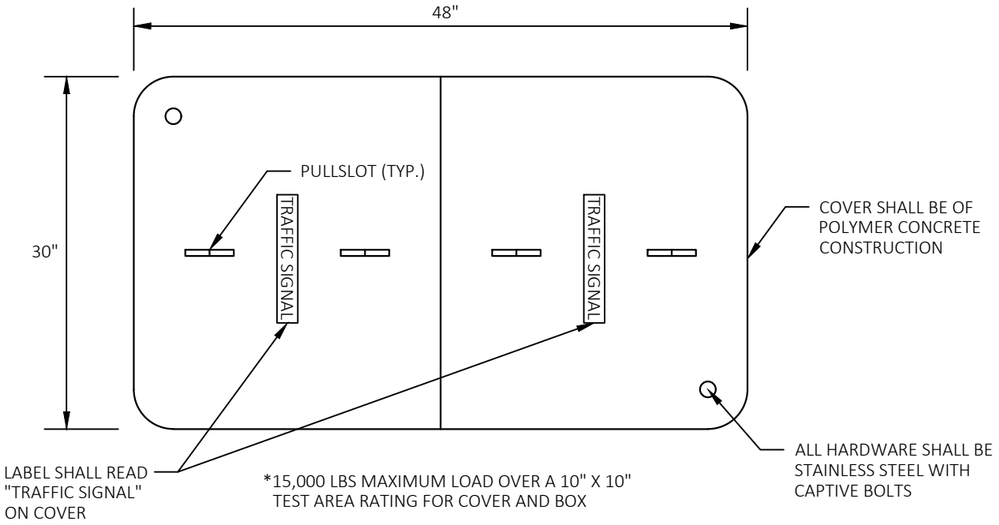
| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | CONSTRUCTION DETAILS | SHEET 12 E |
|---|---|---|---|---|

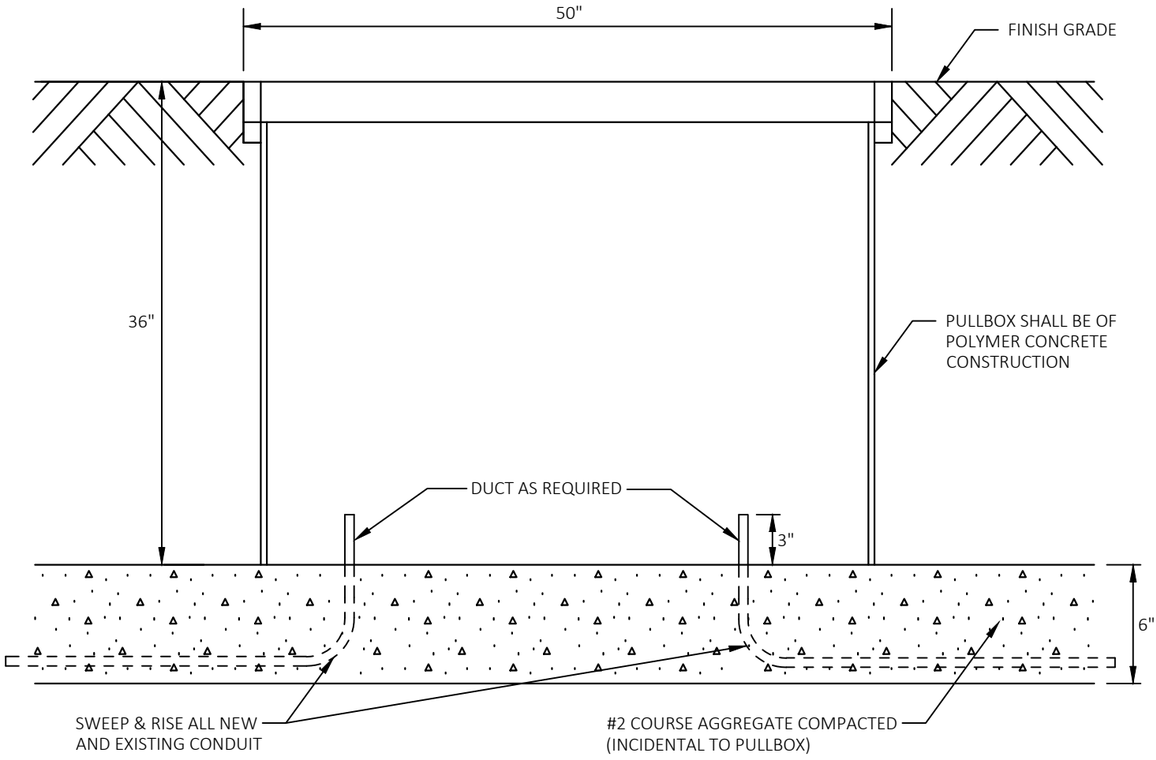



ELECTRICAL PULL BOX TYPE V DETAIL

(CITY OF MADISON S.D.D. 6.26)




ELECTRICAL PULL BOX TYPE VII DETAIL

(CITY OF MADISON S.D.D. 6.26A)

| CONTROL CABINET BASE TYPE | DIMENSIONS | | | | C.Y. CONCRETE (APPROX.) |
|---|---|---|---|---|---|
| | L | W | J | K | |
| TYPE P | 48" | 30" | 16" | 24" | 1.549 |
| TYPE OTHER | - | | | | - |

## GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL CONDUIT SHALL BE PVC, SCHEDULE 40

DEPTH OF CONDUIT EXITING THE BASE SHALL MATCH THE DEPTH SPECIFIED FOR CONDUIT INSTALLATION.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

CONTROL CABINET BASE TOP SURFACES SHALL BE TROWEL FINISHED AND LEVEL.

MAINTENANCE PLATFORM SHALL NOT BE INSTALLED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT = 6 X THE DIAMETER.

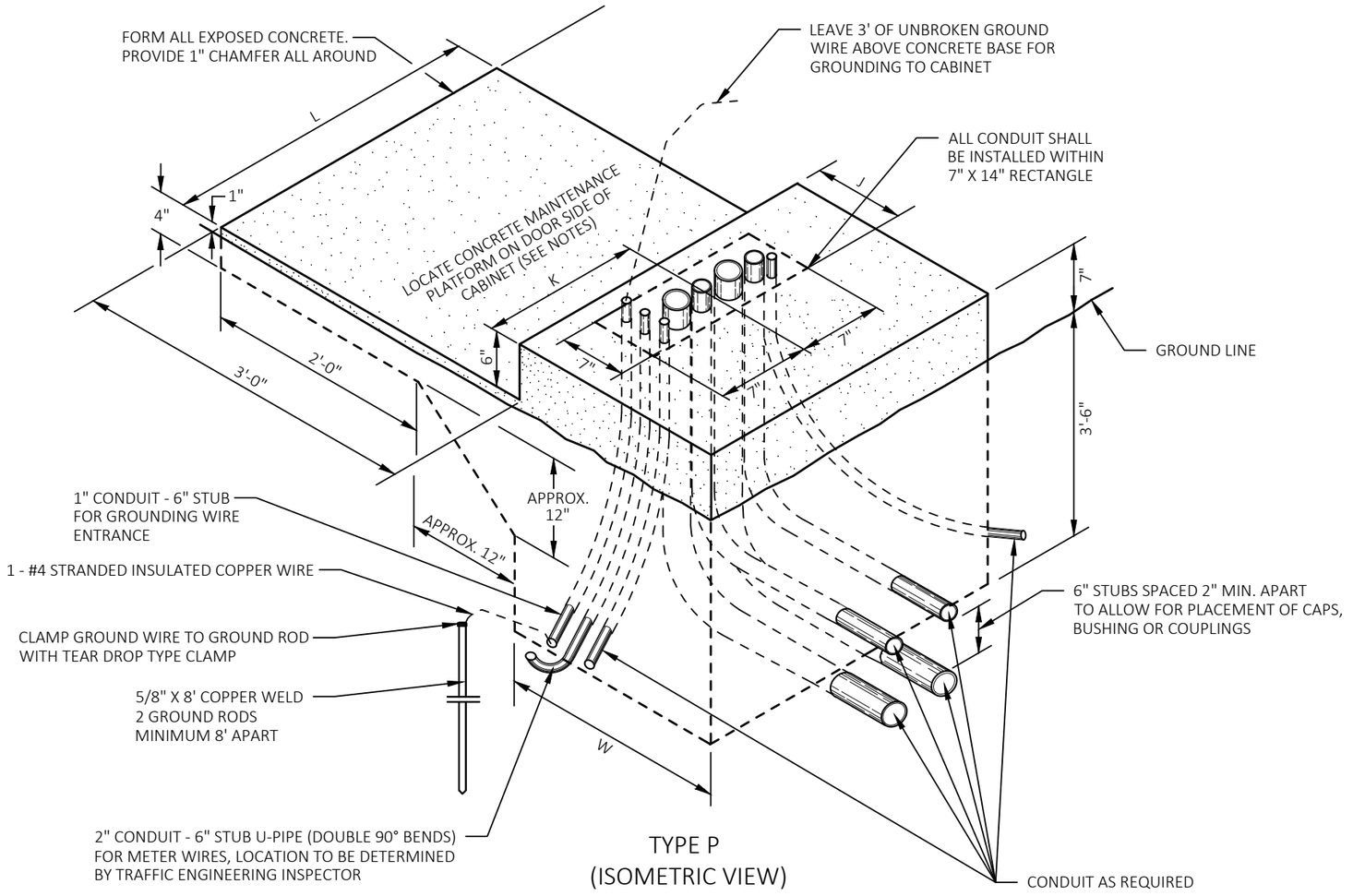
ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6" MINIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

CONDUITS SHALL EXIT THE BASE IN THE DIRECTION OF THE STRUCTURE IT IS TERMINATING INTO.

MAINTENANCE PLATFORM SIZE MAY VARY ON ACCOUNT OF CONDITIONS. VERIFY THE MAINTENANCE PLATFORM SIZE WITH ENGINEER PRIOR TO POURING BASE.

CONTACT TRAFFIC ENGINEERING INSPECTOR PRIOR TO GROUNDROD BURIAL.




TYPE P
(ISOMETRIC VIEW)

# CONCRETE CONTROL CABINET BASES

CONCRETE BASE TYPE P DETAIL

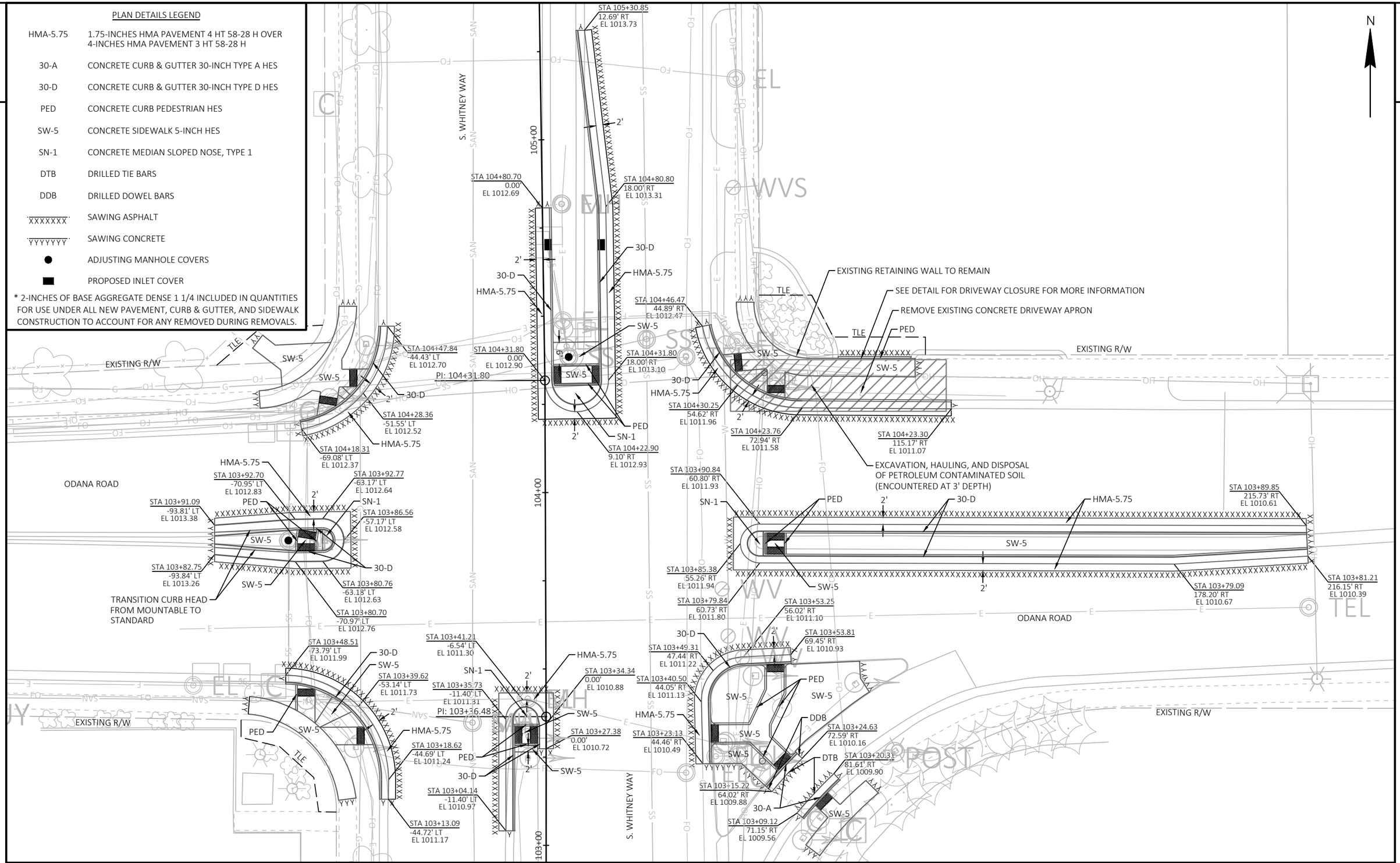
(CITY OF MADISON S.D.D. 6.10)

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | CONSTRUCTION DETAILS | SHEET 14 E |
|---|---|---|---|---|

## PLAN DETAILS LEGEND

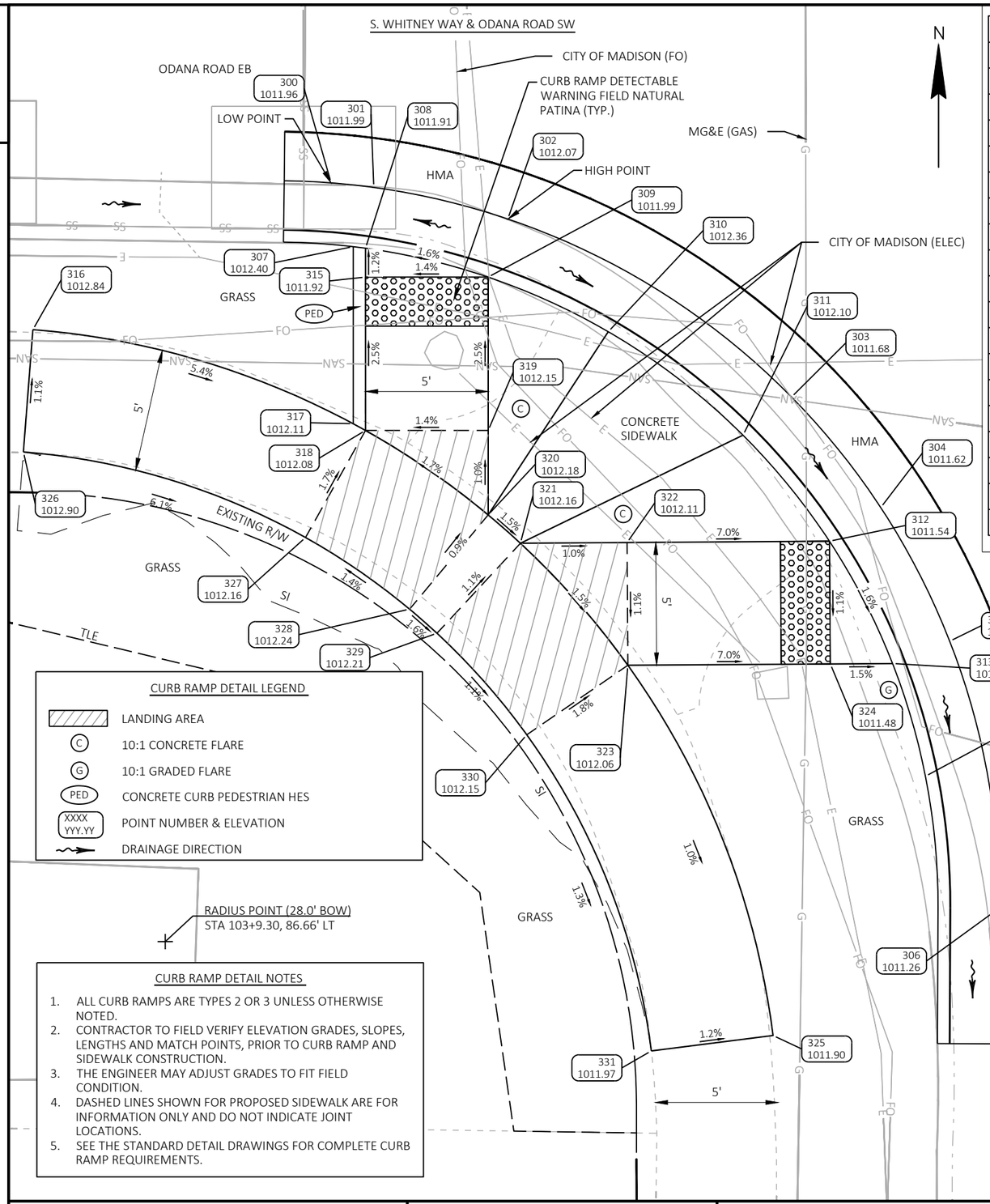
| | |
|---|---|
| HMA-5.75 | 1.75-INCHES HMA PAVEMENT 4 HT 58-28 H OVER 4-INCHES HMA PAVEMENT 3 HT 58-28 H |
| 30-A | CONCRETE CURB & GUTTER 30-INCH TYPE A HES |
| 30-D | CONCRETE CURB & GUTTER 30-INCH TYPE D HES |
| PED | CONCRETE CURB PEDESTRIAN HES |
| SW-5 | CONCRETE SIDEWALK 5-INCH HES |
| SN-1 | CONCRETE MEDIAN SLOPED NOSE, TYPE 1 |
| DTB | DRILLED TIE BARS |
| DDB | DRILLED DOWEL BARS |
| XXXXXXX | SAWING ASPHALT |
| YYYYYYY | SAWING CONCRETE |
| ● | ADJUSTING MANHOLE COVERS |
| ■ | PROPOSED INLET COVER |

* 2-INCHES OF BASE AGGREGATE DENSE 1 1/4 INCLUDED IN QUANTITIES FOR USE UNDER ALL NEW PAVEMENT, CURB & GUTTER, AND SIDEWALK CONSTRUCTION TO ACCOUNT FOR ANY REMOVED DURING REMOVALS.



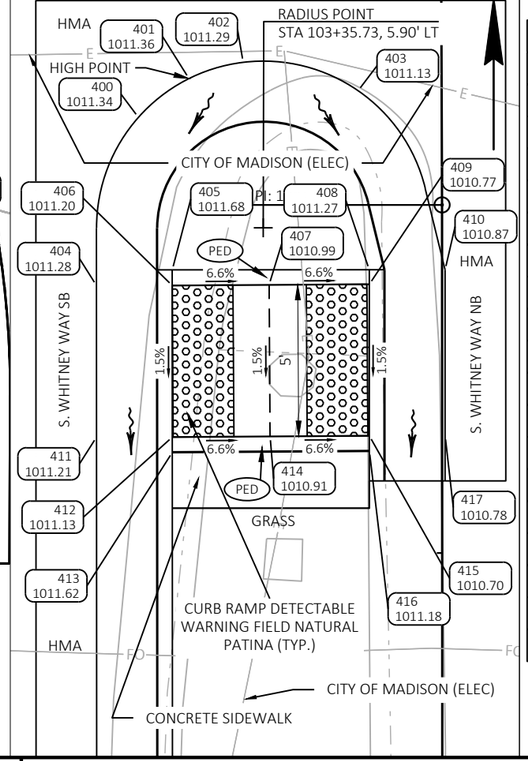

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PLAN DETAILS | SHEET 15 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 021201-pd
PLOT DATE : 10/20/2026 1:26 PM
PLOT BY : JASON DOLENS
PLOT NAME :
PLOT SCALE : 1 IN:25 FT
WISDOT/CADDS SHEET 42




| S. WHITNEY WAY & ODANA ROAD SW | | | | | |
|---|---|---|---|---|---|
| POINT NUMBER | STATION | OFFSET | ELEVATION | NORTHING | EASTING |
| 300 | 103+48.42 | 71.88' LT | 1011.96 | 473793.17 | 797222.55 |
| 301 | 103+48.22 | 70.14' LT | 1011.99 | 473792.98 | 797224.30 |
| 302 | 103+46.92 | 64.68' LT | 1012.07 | 473791.70 | 797229.76 |
| 303 | 103+39.62 | 53.14' LT | 1011.68 | 473784.44 | 797241.33 |
| 304 | 103+34.94 | 49.52' LT | 1011.62 | 473779.94 | 797244.96 |
| 305 | 103+29.49 | 46.71' LT | 1011.52 | 473774.49 | 797247.77 |
| 306 | 103+18.62 | 44.69' LT | 1011.26 | 473763.62 | 797249.79 |
| 307 | 103+45.81 | 70.99' LT | 1012.40 | 473790.57 | 797223.46 |
| 308 | 103+45.75 | 70.49' LT | 1011.91 | 473790.51 | 797223.96 |
| 309 | 103+44.55 | 65.49' LT | 1011.99 | 473789.33 | 797228.96 |
| 310 | 103+42.31 | 60.60' LT | 1012.36 | 473787.10 | 797233.86 |
| 311 | 103+38.07 | 55.13' LT | 1012.10 | 473782.89 | 797239.35 |
| 312 | 103+33.57 | 51.61' LT | 1011.54 | 473778.57 | 797242.87 |
| 313 | 103+28.58 | 49.04' LT | 1011.44 | 473773.58 | 797245.44 |
| 314 | 103+23.99 | 47.70' LT | 1011.79 | 473768.99 | 797246.78 |
| 315 | 103+44.57 | 70.49' LT | 1011.92 | 473789.33 | 797223.96 |
| 316 | 103+42.48 | 84.06' LT | 1012.84 | 473787.19 | 797210.40 |
| 317 | 103+38.60 | 71.02' LT | 1012.11 | 473783.36 | 797223.46 |

| S. WHITNEY WAY & ODANA ROAD SW | | | | | |
|---|---|---|---|---|---|
| POINT NUMBER | STATION | OFFSET | ELEVATION | NORTHING | EASTING |
| 318 | 103+38.32 | 70.52' LT | 1012.08 | 473783.08 | 797223.96 |
| 319 | 103+38.30 | 65.52' LT | 1012.15 | 473783.08 | 797228.96 |
| 320 | 103+34.65 | 65.52' LT | 1012.18 | 473779.64 | 797228.96 |
| 321 | 103+33.49 | 64.21' LT | 1012.16 | 473778.48 | 797230.27 |
| 322 | 103+33.52 | 59.86' LT | 1012.11 | 473778.51 | 797234.62 |
| 323 | 103+28.52 | 59.83' LT | 1012.06 | 473773.51 | 797234.65 |
| 324 | 103+28.57 | 51.58' LT | 1011.48 | 473773.57 | 797242.90 |
| 325 | 103+13.43 | 53.92' LT | 1011.90 | 473758.43 | 797240.57 |
| 326 | 103+37.50 | 84.46' LT | 1012.90 | 473782.21 | 797210.01 |
| 327 | 103+33.73 | 72.97' LT | 1012.16 | 473778.72 | 797221.52 |
| 328 | 103+30.81 | 68.73' LT | 1012.24 | 473775.80 | 797225.76 |
| 329 | 103+29.83 | 67.61' LT | 1012.21 | 473774.82 | 797226.87 |
| 330 | 103+25.69 | 63.95' LT | 1012.15 | 473770.68 | 797230.53 |
| 331 | 103+12.81 | 58.88' LT | 1011.97 | 473757.80 | 797235.61 |




| S. WHITNEY WAY SOUTH MEDIAN | | | | | |
|---|---|---|---|---|---|
| POINT NUMBER | STATION | OFFSET | ELEVATION | NORTHING | EASTING |
| 400 | 103+39.41 | 10.01' LT | 1011.34 | 473784.39 | 797284.46 |
| 401 | 103+40.68 | 8.33' LT | 1011.36 | 473785.67 | 797286.13 |
| 402 | 103+41.21 | 6.54' LT | 1011.29 | 473786.20 | 797287.92 |
| 403 | 103+40.26 | 2.76' LT | 1011.13 | 473785.26 | 797291.71 |
| 404 | 103+33.83 | 11.40' LT | 1011.28 | 473778.84 | 797283.08 |
| 405 | 103+34.34 | 8.90' LT | 1011.68 | 473779.35 | 797285.58 |
| 406 | 103+33.83 | 8.90' LT | 1011.20 | 473778.84 | 797285.58 |
| 407 | 103+33.85 | 5.71' LT | 1010.99 | 473778.86 | 797288.78 |
| 408 | 103+34.34 | 2.40' LT | 1011.27 | 473779.36 | 797292.08 |
| 409 | 103+33.87 | 2.40' LT | 1010.77 | 473778.88 | 797292.08 |
| 410 | 103+34.34 | 0.10' RT | 1010.87 | 473779.36 | 797294.58 |
| 411 | 103+28.83 | 11.40' LT | 1011.21 | 473773.84 | 797283.08 |
| 412 | 103+28.83 | 8.90' LT | 1011.13 | 473773.84 | 797285.58 |
| 413 | 103+28.33 | 8.90' LT | 1011.62 | 473773.34 | 797285.59 |
| 414 | 103+28.85 | 5.68' LT | 1010.91 | 473773.86 | 797288.81 |
| 415 | 103+28.87 | 2.40' LT | 1010.70 | 473773.88 | 797292.08 |
| 416 | 103+28.37 | 2.40' LT | 1011.18 | 473773.38 | 797292.08 |
| 417 | 103+28.87 | 0.10' RT | 1010.78 | 473773.88 | 797294.58 |

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | CURB RAMP DETAILS | SHEET 16 | E |
|---|---|---|---|---|---|

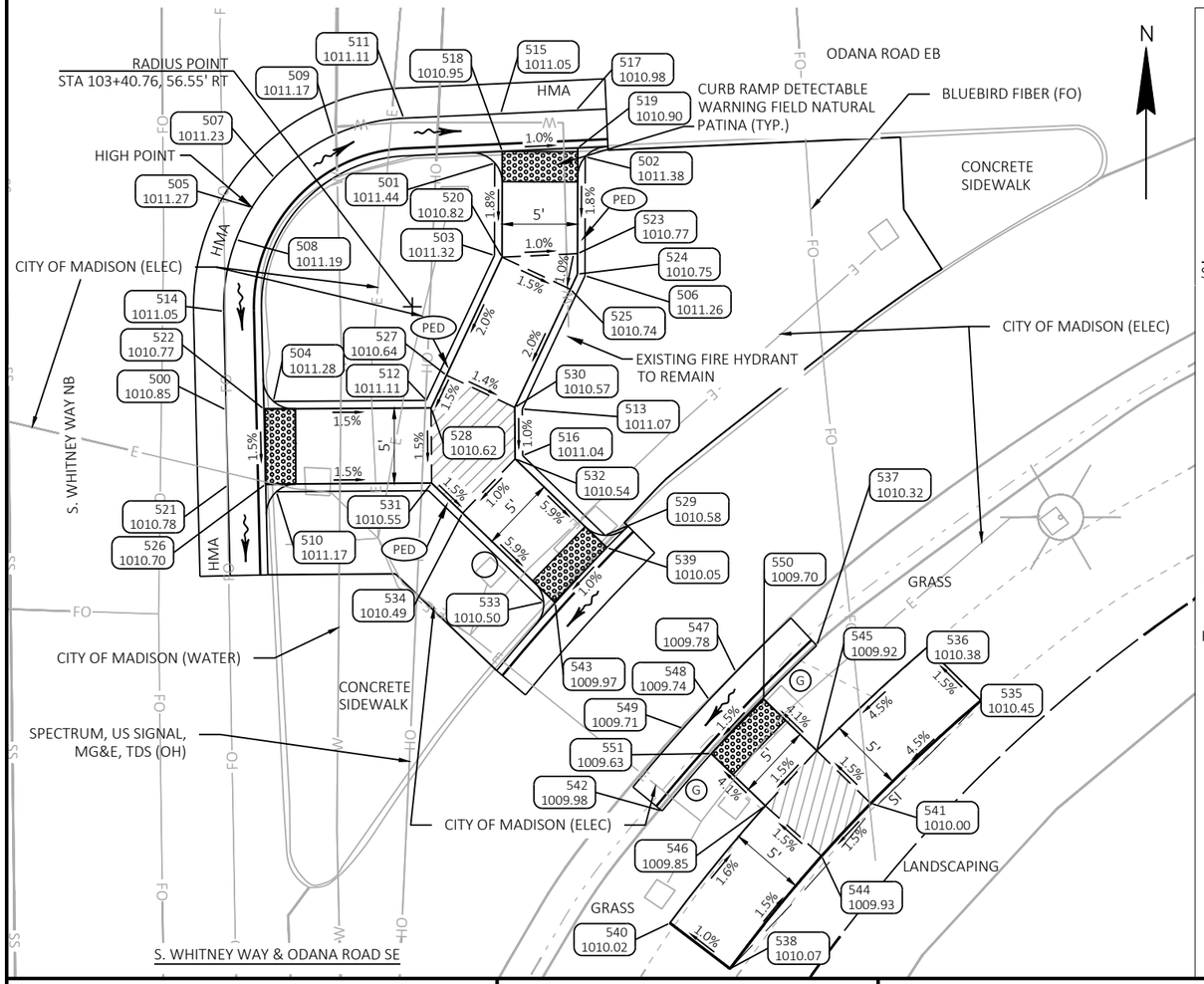
2

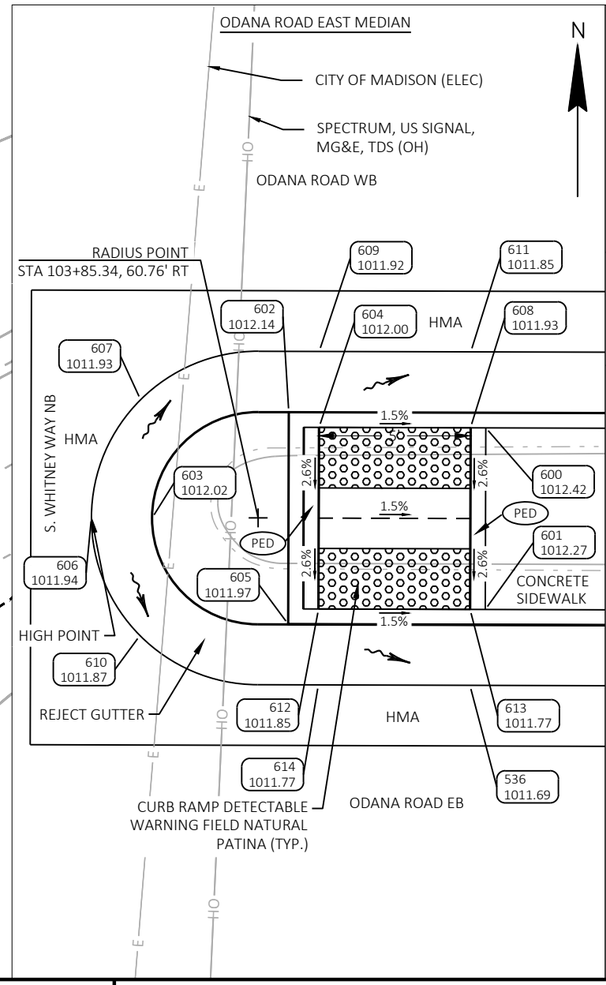
| S. WHITNEY WAY & ODANA ROAD SE | | | | | |
|---|---|---|---|---|---|
| POINT NUMBER | STATION | OFFSET | ELEVATION | NORTHING | EASTING |
| 500 | 103+34.11 | 44.19' RT | 1010.85 | 473779.13 | 797338.68 |
| 501 | 103+50.25 | 62.05' RT | 1011.44 | 473795.49 | 797356.48 |
| 502 | 103+50.64 | 68.05' RT | 1011.38 | 473795.90 | 797362.48 |
| 503 | 103+44.13 | 62.01' RT | 1011.32 | 473789.37 | 797356.46 |
| 504 | 103+34.67 | 47.33' RT | 1011.28 | 473779.70 | 797341.81 |
| 505 | 103+47.37 | 45.94' RT | 1011.27 | 473792.55 | 797340.39 |
| 506 | 103+42.76 | 68.00' RT | 1011.26 | 473788.02 | 797362.46 |
| 507 | 103+49.31 | 47.44' RT | 1011.23 | 473794.50 | 797341.87 |
| 508 | 103+45.24 | 44.88' RT | 1011.19 | 473790.42 | 797339.33 |
| 509 | 103+52.12 | 51.35' RT | 1011.17 | 473797.32 | 797345.77 |
| 510 | 103+28.69 | 47.53' RT | 1011.17 | 473773.72 | 797342.01 |
| 511 | 103+53.25 | 56.02' RT | 1011.11 | 473798.46 | 797350.45 |
| 512 | 103+34.73 | 57.46' RT | 1011.11 | 473779.76 | 797351.94 |

| S. WHITNEY WAY & ODANA ROAD SE | | | | | |
|---|---|---|---|---|---|
| POINT NUMBER | STATION | OFFSET | ELEVATION | NORTHING | EASTING |
| 513 | 103+34.16 | 63.82' RT | 1011.07 | 473779.19 | 797358.31 |
| 514 | 103+40.50 | 44.05' RT | 1011.05 | 473785.67 | 797338.52 |
| 515 | 103+53.52 | 62.45' RT | 1011.05 | 473798.76 | 797356.87 |
| 516 | 103+31.07 | 63.84' RT | 1011.04 | 473776.11 | 797358.32 |
| 517 | 103+53.73 | 67.45' RT | 1010.98 | 473798.98 | 797361.87 |
| 518 | 103+51.02 | 62.55' RT | 1010.95 | 473796.26 | 797356.98 |
| 519 | 103+51.23 | 67.55' RT | 1010.90 | 473796.49 | 797361.98 |
| 520 | 103+44.02 | 62.51' RT | 1010.82 | 473789.26 | 797356.96 |
| 521 | 103+29.13 | 44.31' RT | 1010.78 | 473774.15 | 797338.80 |
| 522 | 103+34.17 | 46.69' RT | 1010.77 | 473779.20 | 797341.18 |
| 523 | 103+44.23 | 67.51' RT | 1010.77 | 473789.49 | 797361.96 |
| 524 | 103+42.88 | 67.50' RT | 1010.75 | 473788.14 | 797361.96 |
| 525 | 103+41.88 | 67.02' RT | 1010.74 | 473787.13 | 797361.49 |

| S. WHITNEY WAY & ODANA ROAD SE | | | | | |
|---|---|---|---|---|---|
| POINT NUMBER | STATION | OFFSET | ELEVATION | NORTHING | EASTING |
| 526 | 103+29.19 | 46.81' RT | 1010.70 | 473774.22 | 797341.30 |
| 527 | 103+36.40 | 58.80' RT | 1010.64 | 473781.43 | 797353.28 |
| 528 | 103+34.23 | 57.78' RT | 1010.62 | 473779.27 | 797352.26 |
| 529 | 103+25.79 | 69.30' RT | 1010.58 | 473770.83 | 797363.78 |
| 530 | 103+34.27 | 63.32' RT | 1010.57 | 473779.30 | 797357.80 |
| 531 | 103+29.26 | 57.81' RT | 1010.55 | 473774.29 | 797352.29 |
| 532 | 103+30.86 | 63.34' RT | 1010.54 | 473775.89 | 797357.83 |
| 533 | 103+21.39 | 65.22' RT | 1010.50 | 473766.42 | 797359.71 |
| 534 | 103+27.27 | 59.87' RT | 1010.49 | 473772.30 | 797354.35 |
| 535 | 103+14.84 | 94.21' RT | 1010.45 | 473759.88 | 797388.70 |
| 536 | 103+18.36 | 90.64' RT | 1010.38 | 473763.41 | 797385.12 |
| 537 | 103+18.49 | 83.32' RT | 1010.32 | 473763.53 | 797377.81 |
| 538 | 102+97.08 | 77.57' RT | 1010.07 | 473742.11 | 797372.07 |

| S. WHITNEY WAY & ODANA ROAD SE | | | | | |
|---|---|---|---|---|---|
| POINT NUMBER | STATION | OFFSET | ELEVATION | NORTHING | EASTING |
| 539 | 103+24.98 | 69.42' RT | 1010.05 | 473770.02 | 797363.90 |
| 540 | 103+00.10 | 73.59' RT | 1010.02 | 473745.14 | 797368.09 |
| 541 | 103+08.03 | 86.90' RT | 1010.00 | 473753.07 | 797381.39 |
| 542 | 103+07.53 | 73.08' RT | 1009.98 | 473752.57 | 797367.57 |
| 543 | 103+21.33 | 66.00' RT | 1009.97 | 473766.37 | 797360.48 |
| 544 | 103+04.54 | 83.65' RT | 1009.93 | 473749.58 | 797378.14 |
| 545 | 103+11.52 | 83.33' RT | 1009.92 | 473756.56 | 797377.82 |
| 546 | 103+07.87 | 79.91' RT | 1009.85 | 473752.91 | 797374.40 |
| 547 | 103+16.73 | 77.96' RT | 1009.78 | 473761.77 | 797372.45 |
| 548 | 103+14.88 | 76.20' RT | 1009.74 | 473759.92 | 797370.69 |
| 549 | 103+13.00 | 74.47' RT | 1009.71 | 473758.04 | 797368.96 |
| 550 | 103+14.92 | 79.81' RT | 1009.70 | 473759.96 | 797374.30 |
| 551 | 103+11.33 | 76.34' RT | 1009.63 | 473756.37 | 797370.82 |



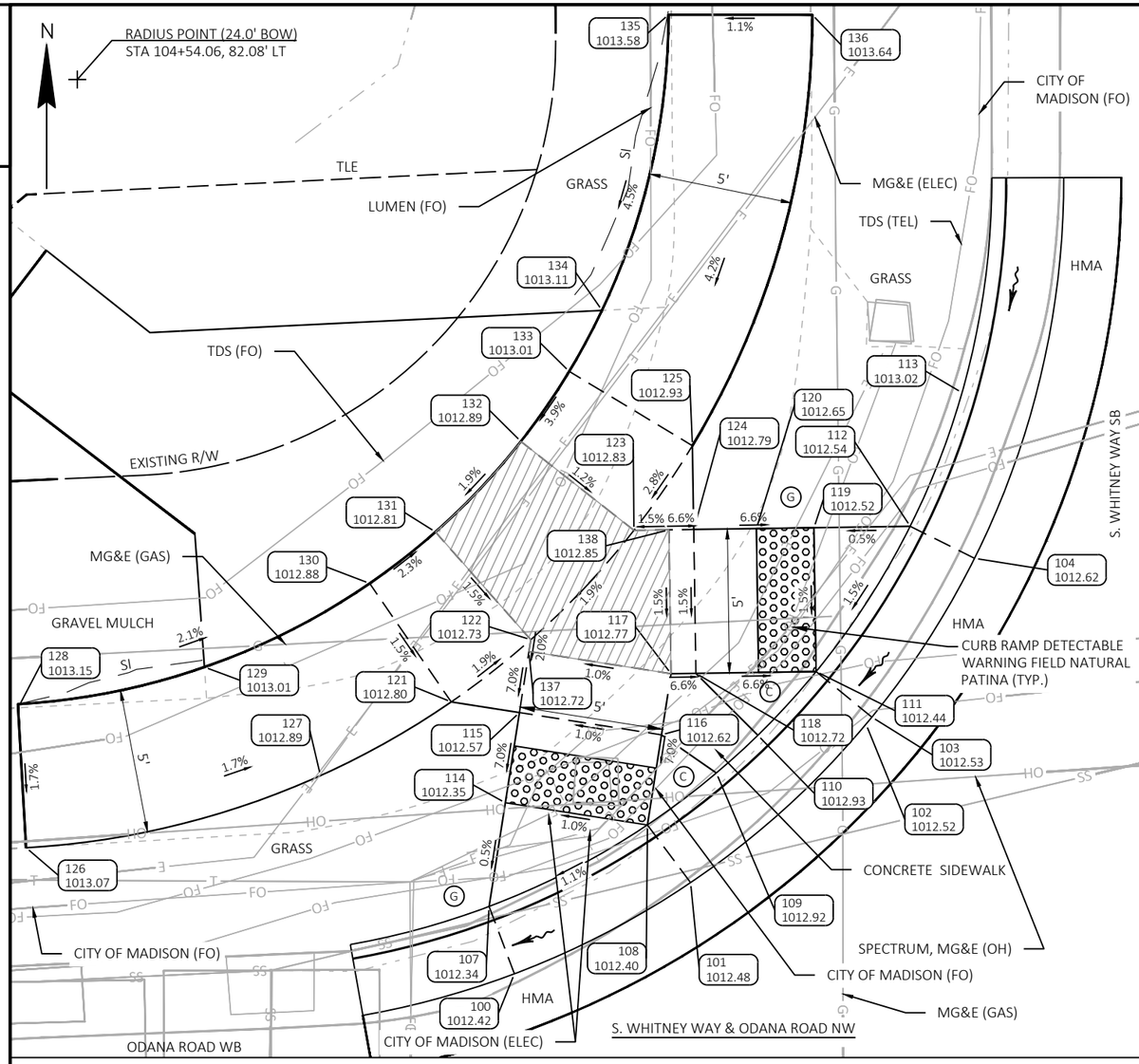

| ODANA ROAD EAST MEDIAN | | | | | |
|---|---|---|---|---|---|
| POINT NUMBER | STATION | OFFSET | ELEVATION | NORTHING | EASTING |
| 600 | 103+88.29 | 68.28' RT | 1012.42 | 473833.56 | 797362.58 |
| 601 | 103+82.29 | 68.24' RT | 1012.27 | 473827.56 | 797362.56 |
| 602 | 103+88.83 | 61.79' RT | 1012.14 | 473834.07 | 797356.08 |
| 603 | 103+85.36 | 57.26' RT | 1012.02 | 473830.58 | 797351.57 |
| 604 | 103+88.33 | 62.78' RT | 1012.00 | 473833.57 | 797357.08 |
| 605 | 103+81.84 | 61.74' RT | 1011.97 | 473827.08 | 797356.06 |
| 606 | 103+85.38 | 55.26' RT | 1011.94 | 473830.59 | 797349.57 |
| 607 | 103+89.26 | 56.90' RT | 1011.93 | 473834.48 | 797351.19 |
| 608 | 103+88.30 | 67.78' RT | 1011.93 | 473833.56 | 797362.08 |
| 609 | 103+90.83 | 62.80' RT | 1011.92 | 473836.07 | 797357.08 |
| 610 | 103+81.48 | 56.85' RT | 1011.87 | 473826.70 | 797351.17 |
| 611 | 103+90.80 | 67.80' RT | 1011.85 | 473836.06 | 797362.08 |
| 612 | 103+82.33 | 62.74' RT | 1011.85 | 473827.57 | 797357.06 |
| 613 | 103+82.30 | 67.74' RT | 1011.77 | 473827.56 | 797362.06 |
| 614 | 103+79.83 | 62.73' RT | 1011.77 | 473825.07 | 797357.05 |

CURB RAMP DETAIL LEGEND

- LANDING AREA
- (C) 10:1 CONCRETE FLARE
- (G) 10:1 GRADED FLARE
- PED CONCRETE CURB PEDESTRIAN HES
- XXXX YYY.YY POINT NUMBER & ELEVATION
- DRAINAGE DIRECTION

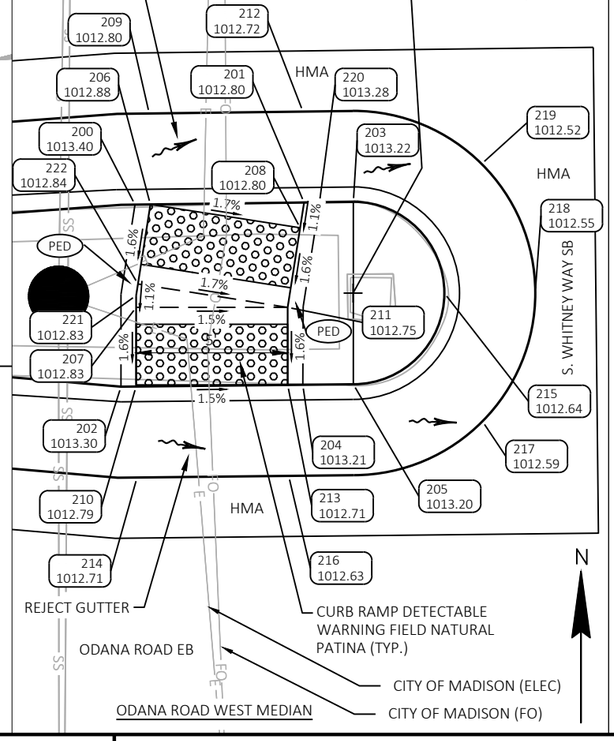
CURB RAMP DETAIL NOTES

1. ALL CURB RAMPS ARE TYPES 2 OR 3 UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO FIELD VERIFY ELEVATION GRADES, SLOPES, LENGTHS AND MATCH POINTS, PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
3. THE ENGINEER MAY ADJUST GRADES TO FIT FIELD CONDITION.
4. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
5. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.




| S.WHITNEY WAY & ODANA ROAD NW | | | | | |
|---|---|---|---|---|---|
| POINT NUMBER | STATION | OFFSET | ELEVATION | NORTHING | EASTING |
| 100 | 104+19.74 | 63.80' LT | 1012.42 | 473864.52 | 797230.38 |
| 101 | 104+22.88 | 57.67' LT | 1012.48 | 473867.69 | 797236.50 |
| 102 | 104+28.36 | 51.55' LT | 1012.52 | 473873.19 | 797242.60 |
| 103 | 104+28.61 | 51.35' LT | 1012.53 | 473873.44 | 797242.80 |
| 104 | 104+34.65 | 47.73' LT | 1012.62 | 473878.96 | 797246.37 |
| 107 | 104+22.08 | 64.68' LT | 1012.34 | 473866.86 | 797229.50 |
| 108 | 104+24.89 | 59.16' LT | 1012.40 | 473869.69 | 797235.00 |
| 109 | 104+26.69 | 56.76' LT | 1012.92 | 473871.50 | 797237.39 |
| 110 | 104+27.99 | 55.31' LT | 1012.93 | 473872.81 | 797238.84 |
| 111 | 104+30.20 | 53.28' LT | 1012.44 | 473875.02 | 797240.86 |
| 112 | 104+35.80 | 49.95' LT | 1012.54 | 473880.07 | 797244.13 |
| 113 | 104+40.42 | 48.08' LT | 1013.02 | 473884.71 | 797245.94 |
| 114 | 104+25.68 | 64.10' LT | 1012.35 | 473870.46 | 797230.06 |
| 115 | 104+28.81 | 63.60' LT | 1012.57 | 473873.60 | 797230.55 |
| 116 | 104+28.02 | 58.66' LT | 1012.62 | 473872.82 | 797235.49 |
| 117 | 104+30.15 | 58.32' LT | 1012.77 | 473874.95 | 797235.82 |
| 118 | 104+30.16 | 57.46' LT | 1012.72 | 473874.96 | 797236.68 |
| 119 | 104+35.80 | 53.30' LT | 1012.52 | 473880.02 | 797240.79 |
| 120 | 104+35.80 | 55.30' LT | 1012.65 | 473879.99 | 797238.79 |

| S.WHITNEY WAY & ODANA ROAD NW | | | | | |
|---|---|---|---|---|---|
| POINT NUMBER | STATION | OFFSET | ELEVATION | NORTHING | EASTING |
| 121 | 104+29.19 | 65.97' LT | 1012.80 | 473873.97 | 797228.18 |
| 122 | 104+31.34 | 63.19' LT | 1012.73 | 473876.13 | 797230.95 |
| 123 | 104+35.80 | 59.55' LT | 1012.83 | 473879.93 | 797234.53 |
| 124 | 104+35.80 | 57.47' LT | 1012.79 | 473879.96 | 797236.61 |
| 125 | 104+38.71 | 57.48' LT | 1012.93 | 473882.87 | 797236.56 |
| 126 | 104+24.18 | 80.76' LT | 1013.07 | 473868.90 | 797213.40 |
| 127 | 104+26.65 | 70.52' LT | 1012.89 | 473871.41 | 797223.63 |
| 128 | 104+29.04 | 81.02' LT | 1013.15 | 473873.76 | 797213.12 |
| 129 | 104+30.43 | 74.54' LT | 1013.01 | 473875.18 | 797219.60 |
| 130 | 104+34.09 | 68.77' LT | 1012.88 | 473878.08 | 797225.34 |
| 131 | 104+35.85 | 66.45' LT | 1012.81 | 473879.87 | 797227.63 |
| 132 | 104+38.95 | 63.44' LT | 1012.89 | 473883.02 | 797230.60 |
| 133 | 104+41.36 | 61.72' LT | 1013.01 | 473885.45 | 797232.28 |
| 134 | 104+43.46 | 60.55' LT | 1013.11 | 473887.57 | 797233.42 |
| 135 | 104+53.70 | 58.09' LT | 1013.58 | 473897.85 | 797235.73 |
| 136 | 104+53.63 | 53.09' LT | 1013.64 | 473897.85 | 797240.73 |
| 137 | 104+30.94 | 63.26' LT | 1012.72 | 473875.72 | 797230.88 |
| 138 | 104+35.80 | 58.34' LT | 1012.85 | 473879.95 | 797235.75 |




| ODANA ROAD WEST MEDIAN | | | | | |
|---|---|---|---|---|---|
| POINT NUMBER | STATION | OFFSET | ELEVATION | NORTHING | EASTING |
| 200 | 103+89.71 | 70.37' LT | 1013.40 | 473834.47 | 797223.92 |
| 201 | 103+89.76 | 64.79' LT | 1012.80 | 473834.54 | 797229.50 |
| 202 | 103+83.70 | 70.85' LT | 1013.30 | 473828.46 | 797223.46 |
| 203 | 103+89.77 | 63.16' LT | 1013.22 | 473834.56 | 797231.13 |
| 204 | 103+83.74 | 64.85' LT | 1013.21 | 473828.52 | 797229.46 |
| 205 | 103+83.76 | 63.19' LT | 1013.20 | 473828.54 | 797231.12 |
| 206 | 103+89.71 | 69.86' LT | 1012.88 | 473834.47 | 797224.43 |
| 207 | 103+86.32 | 70.34' LT | 1012.83 | 473831.08 | 797223.96 |
| 208 | 103+88.92 | 64.92' LT | 1012.80 | 473833.70 | 797229.37 |
| 209 | 103+92.71 | 69.89' LT | 1012.80 | 473837.47 | 797224.39 |
| 210 | 103+83.70 | 70.35' LT | 1012.79 | 473828.46 | 797223.96 |
| 211 | 103+86.30 | 65.34' LT | 1012.75 | 473831.08 | 797228.96 |
| 212 | 103+92.76 | 64.82' LT | 1012.72 | 473837.54 | 797229.46 |
| 213 | 103+83.74 | 65.35' LT | 1012.71 | 473828.52 | 797228.96 |
| 214 | 103+80.70 | 70.33' LT | 1012.71 | 473825.46 | 797223.99 |
| 215 | 103+86.75 | 60.17' LT | 1012.64 | 473831.55 | 797234.13 |
| 216 | 103+80.74 | 65.33' LT | 1012.63 | 473825.52 | 797228.99 |
| 217 | 103+82.52 | 58.93' LT | 1012.59 | 473827.32 | 797235.38 |
| 218 | 103+86.76 | 57.17' LT | 1012.55 | 473831.57 | 797237.13 |
| 219 | 103+91.01 | 58.93' LT | 1012.52 | 473835.81 | 797235.36 |
| 220 | 103+89.76 | 64.28' LT | 1013.28 | 473834.54 | 797230.01 |
| 221 | 103+86.71 | 70.34' LT | 1012.83 | 473831.47 | 797223.96 |
| 222 | 103+87.09 | 70.28' LT | 1012.84 | 473831.85 | 797224.02 |

CURB RAMP DETAIL LEGEND

- LANDING AREA
- (C) 10:1 CONCRETE FLARE
- (G) 10:1 GRADED FLARE
- PED CONCRETE CURB PEDESTRIAN HES
- XXXX YYY.YY POINT NUMBER & ELEVATION
- DRAINAGE DIRECTION

CURB RAMP DETAIL NOTES

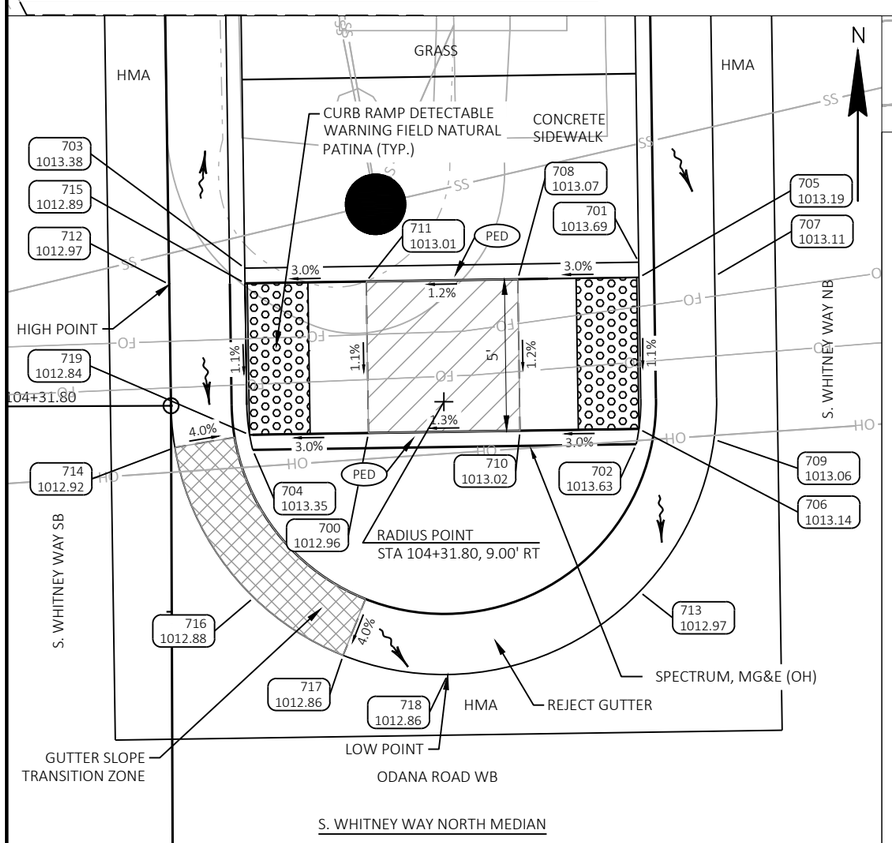
1. ALL CURB RAMPS ARE TYPES 2 OR 3 UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO FIELD VERIFY ELEVATION GRADES, SLOPES, LENGTHS AND MATCH POINTS, PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
3. THE ENGINEER MAY ADJUST GRADES TO FIT FIELD CONDITION.
4. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
5. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | CURB RAMP DETAILS | SHEET 18 | E |
|---|---|---|---|---|---|

2

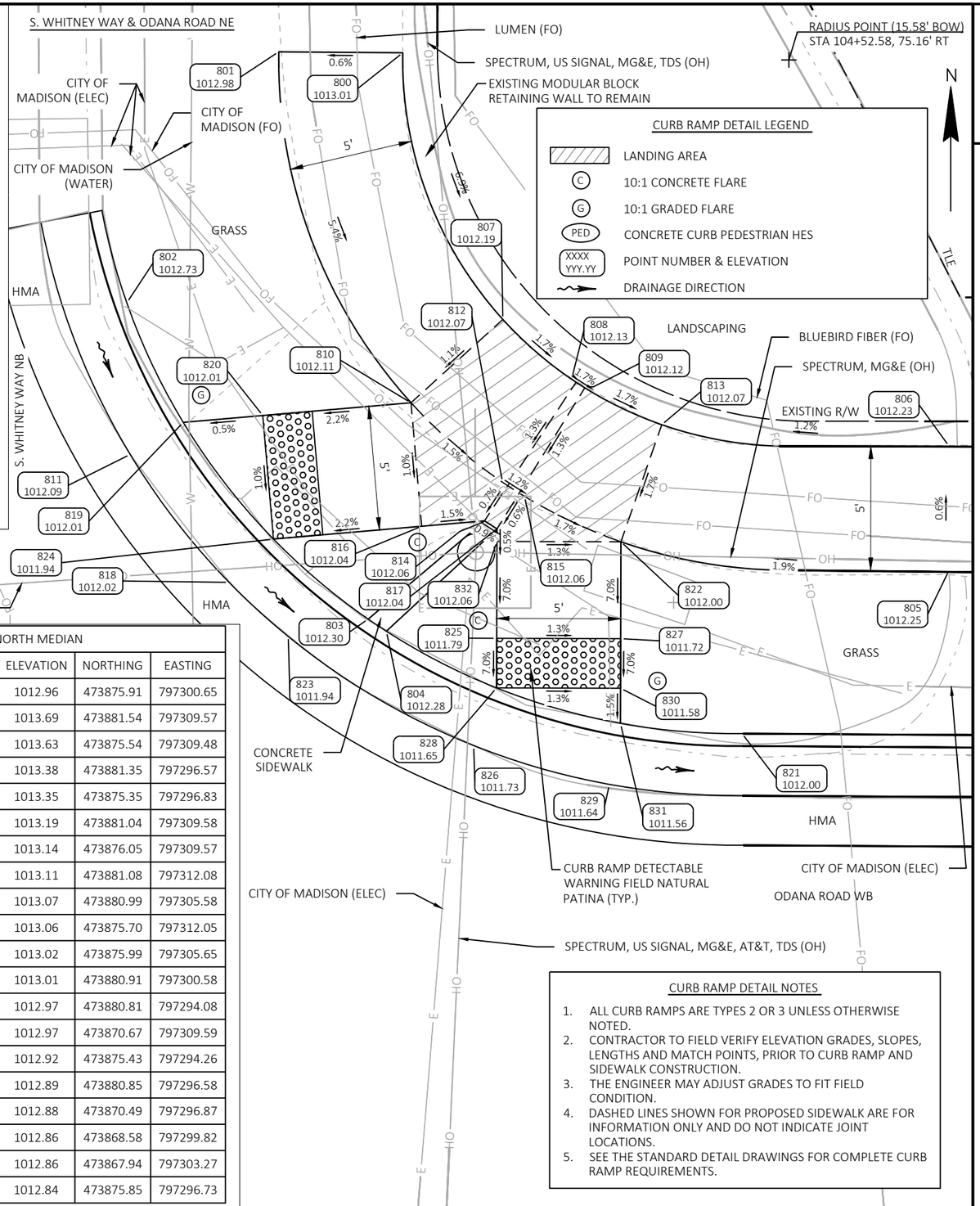
| S. WHITNEY WAY & ODANA ROAD NE | | | | | |
|---|---|---|---|---|---|
| POINT NUMBER | STATION | OFFSET | ELEVATION | NORTHING | EASTING |
| 800 | 104+53.09 | 59.58' RT | 1013.01 | 473898.98 | 797353.40 |
| 801 | 104+53.20 | 54.58' RT | 1012.98 | 473899.02 | 797348.40 |
| 802 | 104+43.17 | 48.30' RT | 1012.73 | 473888.90 | 797342.27 |
| 803 | 104+30.93 | 57.86' RT | 1012.30 | 473876.15 | 797352.00 |
| 804 | 104+30.43 | 58.59' RT | 1012.28 | 473875.66 | 797352.73 |
| 805 | 104+31.89 | 81.30' RT | 1012.25 | 473878.12 | 797375.43 |
| 806 | 104+36.89 | 81.38' RT | 1012.23 | 473883.12 | 797375.43 |
| 807 | 104+42.28 | 63.46' RT | 1012.19 | 473888.23 | 797357.43 |
| 808 | 104+39.70 | 66.37' RT | 1012.13 | 473885.70 | 797360.39 |
| 809 | 104+39.47 | 66.72' RT | 1012.12 | 473885.47 | 797360.74 |
| 810 | 104+38.97 | 59.71' RT | 1012.11 | 473884.87 | 797353.73 |
| 811 | 104+37.05 | 48.35' RT | 1012.09 | 473882.79 | 797342.40 |
| 812 | 104+35.71 | 63.35' RT | 1012.07 | 473881.67 | 797357.42 |
| 813 | 104+37.94 | 69.80' RT | 1012.07 | 473883.99 | 797363.84 |
| 814 | 104+34.17 | 62.60' RT | 1012.06 | 473880.11 | 797356.69 |
| 815 | 104+35.13 | 64.23' RT | 1012.06 | 473881.10 | 797358.31 |
| 816 | 104+33.99 | 60.06' RT | 1012.04 | 473879.89 | 797354.16 |

| S. WHITNEY WAY & ODANA ROAD NE | | | | | |
|---|---|---|---|---|---|
| POINT NUMBER | STATION | OFFSET | ELEVATION | NORTHING | EASTING |
| 817 | 104+33.83 | 63.10' RT | 1012.04 | 473879.78 | 797357.20 |
| 818 | 104+31.84 | 52.26' RT | 1012.02 | 473877.63 | 797346.39 |
| 819 | 104+38.32 | 50.51' RT | 1012.01 | 473884.08 | 797344.54 |
| 820 | 104+38.55 | 53.72' RT | 1012.01 | 473884.36 | 797347.75 |
| 821 | 104+26.26 | 72.92' RT | 1012.00 | 473871.53 | 797367.08 |
| 822 | 104+33.24 | 68.09' RT | 1012.00 | 473879.27 | 797362.19 |
| 823 | 104+30.26 | 54.64' RT | 1011.94 | 473875.47 | 797348.78 |
| 824 | 104+33.56 | 54.08' RT | 1011.94 | 473879.38 | 797348.18 |
| 825 | 104+30.13 | 63.04' RT | 1011.79 | 473875.37 | 797357.18 |
| 826 | 104+25.81 | 62.10' RT | 1011.73 | 473871.05 | 797356.26 |
| 827 | 104+30.10 | 68.04' RT | 1011.72 | 473875.36 | 797362.18 |
| 828 | 104+28.13 | 63.03' RT | 1011.65 | 473873.37 | 797357.18 |
| 829 | 104+24.23 | 67.57' RT | 1011.64 | 473869.48 | 797361.73 |
| 830 | 104+28.10 | 68.03' RT | 1011.58 | 473873.36 | 797362.18 |
| 831 | 104+26.68 | 68.02' RT | 1011.56 | 473871.94 | 797362.18 |
| 832 | 104+33.33 | 63.09' RT | 1012.06 | 473879.28 | 797357.19 |




S. WHITNEY WAY NORTH MEDIAN

| S. WHITNEY WAY NORTH MEDIAN | | | | | |
|---|---|---|---|---|---|
| POINT NUMBER | STATION | OFFSET | ELEVATION | NORTHING | EASTING |
| 700 | 104+30.88 | 6.51' RT | 1012.96 | 473875.91 | 797300.65 |
| 701 | 104+36.30 | 15.50' RT | 1013.69 | 473881.54 | 797309.57 |
| 702 | 104+30.48 | 15.34' RT | 1013.63 | 473875.54 | 797309.48 |
| 703 | 104+36.30 | 2.50' RT | 1013.38 | 473881.35 | 797296.57 |
| 704 | 104+30.33 | 2.69' RT | 1013.35 | 473875.35 | 797296.83 |
| 705 | 104+35.80 | 15.50' RT | 1013.19 | 473881.04 | 797309.58 |
| 706 | 104+30.98 | 15.43' RT | 1013.14 | 473876.05 | 797309.57 |
| 707 | 104+35.80 | 18.00' RT | 1013.11 | 473881.08 | 797312.08 |
| 708 | 104+35.80 | 11.50' RT | 1013.07 | 473880.99 | 797305.58 |
| 709 | 104+30.62 | 17.91' RT | 1013.06 | 473875.70 | 797312.05 |
| 710 | 104+30.93 | 11.51' RT | 1013.02 | 473875.99 | 797305.65 |
| 711 | 104+35.80 | 6.50' RT | 1013.01 | 473880.91 | 797300.58 |
| 712 | 104+35.80 | 0.00' | 1012.97 | 473880.81 | 797294.08 |
| 713 | 104+25.61 | 15.43' RT | 1012.97 | 473870.67 | 797309.59 |
| 714 | 104+30.42 | 0.12' RT | 1012.92 | 473875.43 | 797294.26 |
| 715 | 104+35.80 | 2.50' RT | 1012.89 | 473880.85 | 797296.58 |
| 716 | 104+25.46 | 2.71' RT | 1012.88 | 473870.49 | 797296.87 |
| 717 | 104+23.54 | 5.65' RT | 1012.86 | 473868.58 | 797299.82 |
| 718 | 104+22.90 | 9.10' RT | 1012.86 | 473867.94 | 797303.27 |
| 719 | 104+30.83 | 2.59' RT | 1012.84 | 473875.85 | 797296.73 |




CURB RAMP DETAIL NOTES

1. ALL CURB RAMPS ARE TYPES 2 OR 3 UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO FIELD VERIFY ELEVATION GRADES, SLOPES, LENGTHS AND MATCH POINTS, PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
3. THE ENGINEER MAY ADJUST GRADES TO FIT FIELD CONDITION.
4. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
5. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | CURB RAMP DETAILS | SHEET 19 | E |
|---|---|---|---|---|---|

2

2

N

S. WHITNEY WAY

105+00

104+00

103+00

102+00

ODANA ROAD

ROCK MULCH

TLE

EXISTING R/W

PI: 104+31.80

(EXISTING & PROPOSED)

BARK MULCH

INSTALL AT FIRST INLET EAST OF PROJECT LIMITS (S. SEGOE ROAD INTERSECTION)

PI: 103+36.48

INSTALL AT FIRST INLETS SOUTH OF PROJECT LIMITS (MEDICAL CIRCLE INTERSECTION)

GV

POST

EL

WVS

WV

MH

GUY

SS

EROSION CONTROL LEGEND

EROSION MAT URBAN CLASS I TYPE A

INLET PROTECTION TYPE D

SURFACE WATER FLOW

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | EROSION CONTROL | SHEET 20 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 022001-ec

PLOT DATE : 6/15/2026 8:17 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

NOTE: ALL EXISTING STORM SEWER PIPES AND STRUCTURES TO REMAIN UNLESS OTHERWISE SHOWN.

N

REMOVING INLET
STA 104+70, 1.50' RT
INLETS 2X3-H
1.2

1.1
STA 104+70, 16.50' RT
INLETS 2x3-H

REMOVING INLET
REMOVING STORM SEWER 12-INCH

RECONNECT EXISTING 12-INCH STORM SEWER PIPE

PI: 104+31.80

STA. 104+38, 7' RT
MANHOLE COVERS TYPE J-SPECIAL

SEALING PIPES AT
MANHOLE STRUCTURE

105+00

104+00

S. WHITNEY WAY

ODANA ROAD

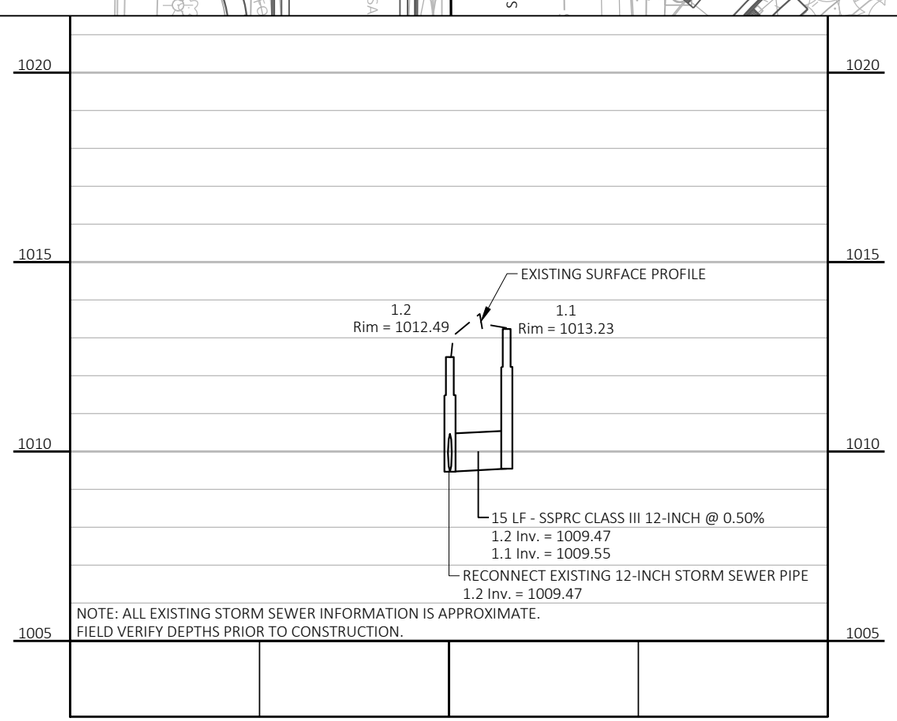
STA. 103+87, 73' LT
ADJUSTING MANHOLE COVERS

BM#1

PI: 103+36.48

BM#2

| BENCH MARKS | | | |
|---|---|---|---|
| NO. | STATION | ELEV. | DESCRIPTION |
| BM #1 | 103+43, 83' LT. | 1015.65 | TOP NUT FIRE HYDRANT |
| BM #2 | 103+39, 67' RT. | 1014.02 | TOP NUT FIRE HYDRANT |




| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | STORM SEWER | SHEET 21 | E |
|---|---|---|---|---|---|

2

MATCHLINE STA. 106+00

N

2

1-8 SPEED LIMIT 30
MOVING SIGNS TYPE II, MOVING SMALL SIGN SUPPORTS

ON SIGNAL POLE
1-7 NO TURN ON RED
MOVING SIGNS TYPE II

ON SIGNAL POLE
1-5 Odana Rd
1-6 s Whitney Way
MOVING SIGNS TYPE II

OVERHEAD ON SIGNAL POLE
1-4 s Whitney Way
MOVING SIGNS TYPE II

ON SIGNAL POLE
LEFT TURN SIGNAL R1
REMOVING SIGNS TYPE II

ON SIGNAL POLE
LEFT TURN SIGNAL R2
REMOVING SIGNS TYPE II

1-10
MOVING SIGNS TYPE II

OVERHEAD ON SIGNAL POLE
Odana Rd 1-11
MOVING SIGNS TYPE II

S. WHITNEY WAY

106+00

105+00

104+00

103+00

GUY

TLE

EXISTING R/W

PI: 104+31.80

PI: 103+36.48

ODANA ROAD

1-2
MOVING SIGNS TYPE II, REMOVING SMALL SIGN SUPPORTS

ON SIGNAL POLE
1-3
MOVING SIGNS TYPE II

ON SIGNAL POLE
LEFT TURN SIGNAL R4
REMOVING SIGNS TYPE II

1-19
MOVING SIGNS TYPE II

1-13
MOVING SIGNS TYPE II, REMOVING SMALL SIGN SUPPORTS

ONLY

ON SIGNAL POLE
1-1 NO TURN ON RED
MOVING SIGNS TYPE II

OVERHEAD ON SIGNAL POLE
1-21 NO TURN ON RED
MOVING SIGNS TYPE II

OVERHEAD ON SIGNAL POLE
1-20 Odana Rd
MOVING SIGNS TYPE II

OVERHEAD ON SIGNAL POLE
S Whitney Way 1-14
MOVING SIGNS TYPE II

ON SIGNAL POLE
NO TURN ON RED 1-17
MOVING SIGNS TYPE II

ON SIGNAL POLE
Odana Rd
s Whitney Way
1-15
1-16
MOVING SIGNS TYPE II

ON SIGNAL POLE
LEFT TURN SIGNAL R3
REMOVING SIGNS TYPE II

SIGNING REMOVAL LEGEND

EXISTING SIGN MOUNTED ON POST

EXISTING SIGN MOUNTED ON TRAFFIC SIGNAL POLE

X SIGN NUMBER

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | SIGNING REMOVAL | SHEET 22 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 023201-ps

PLOT DATE : 6/24/2026 3:36 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

2

MATCHLINE STA. 106+00

EP: 106+01.30

S. WHITNEY WAY

100

MATCHLINE 'A'

S. WHITNEY WAY

DRIVEWAY

SIGNING REMOVAL LEGEND

EXISTING SIGN MOUNTED ON POST

EXISTING SIGN MOUNTED ON TRAFFIC SIGNAL POLE

X SIGN NUMBER

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | SIGNING REMOVAL | SHEET 23 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 023202-ps

PLOT DATE : 6/24/2026 3:36 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

TOKAY BOULEVARD

ONLY

R5

ONLY ONLY ONLY ONLY

REMOVING SIGNS TYPE II,
EXISTING SIGN SUPPORT
TO REMAIN

S. WHITNEY WAY

MATCHLINE 'A'

S. WHITNEY WAY

R6

ONLY ONLY ONLY ONLY

REMOVING SIGNS TYPE II,
EXISTING SIGN SUPPORT
TO REMAIN

R7

ONLY

EXCEPT BUSES
AND BICYCLES

REMOVING SIGNS TYPE II,
REMOVING SMALL SIGN
SUPPORTS

TOKAY BOULEVARD

SIGNING REMOVAL LEGEND

EXISTING SIGN MOUNTED ON POST

EXISTING SIGN MOUNTED ON TRAFFIC SIGNAL POLE

X SIGN NUMBER

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | SIGNING REMOVAL | SHEET 24 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 023203-ps

PLOT DATE : 6/24/2026 3:36 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

MATCHLINE STA. 106+00

N

2

1-8 SPEED LIMIT 30

1-9 R4-7 24"X30"

1-10

1-7 NO TURN ON RED

1-5 Odana Rd / S Whitney Way

1-6

1-4 S Whitney Way

1-11 Odana Rd

S. WHITNEY WAY

106

105+00

104+00

103+00

TLE

EXISTING R/W

PI: 104+31.80

PI: 103+36.48

ODANA ROAD

1-2

1-3

1-12 R4-7 24"X30"

1-13

1-1 NO TURN ON RED

1-21 NO TURN ON RED

1-20 Odana Rd

1-18 R4-7 24"X30"

1-19

1-14 S Whitney Way

1-15 Odana Rd / S Whitney Way

1-16 NO TURN ON RED

1-17

ONLY

GUY

SIGN

PERMANENT SIGNING LEGEND

- SIGN MOUNTED ON POST
- SIGN MOUNTED ON TRAFFIC SIGNAL POLE
- (X) SIGN NUMBER

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PERMANENT SIGNING | SHEET 25 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 023204-ps
PLOT DATE : 6/24/2026 3:41 PM
PLOT BY : JASON DOLENS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

EP: 106+01.30

S. WHITNEY WAY

MATCHLINE STA. 106+00

MATCHLINE 'A'

S. WHITNEY WAY

DRIVEWAY

PERMANENT SIGNING LEGEND

SIGN MOUNTED ON POST

SIGN MOUNTED ON TRAFFIC SIGNAL POLE

X SIGN NUMBER

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PERMANENT SIGNING | SHEET 26 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 023205-ps

PLOT DATE : 6/24/2026 3:41 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

TOKAY BOULEVARD

ONLY

3-1

ONLY ONLY

R3-8LAF
54"X30"
(MOUNT ON EXISTING POST)

S. WHITNEY WAY

MATCHLINE 'A'

S. WHITNEY WAY

3-2

ONLY ONLY

R3-8LAF
54"X30"
(MOUNT ON EXISTING POST)

TOKAY BOULEVARD

PERMANENT SIGNING LEGEND

SIGN MOUNTED ON POST

SIGN MOUNTED ON TRAFFIC SIGNAL POLE

X SIGN NUMBER

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PERMANENT SIGNING | SHEET 27 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 023206-ps

PLOT DATE : 6/24/2026 3:41 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

SCHROEDER ROAD

USH 12/14 (W. BELTLINE HIGHWAY)

MEDICAL CIRCLE

ODANA ROAD

TOKAY BOULEVARD

USH 12/14 WB ENTRANCE RAMP

NORTH CIRCUIT POWER SOURCE

S. WHITNEY WAY

S. WHITNEY WAY

SOUTH CIRCUIT POWER SOURCE

USH 12/14 (W. BELTLINE HIGHWAY)

USH 12/14 WB EXIT RAMP

ODANA LANE

ODANA ROAD

TOKAY BOULEVARD

MILWARD DRIVE

FAIRWAY DRIVE

S. SEGOE ROAD

LEGEND

- EXISTING STREET LIGHT POLE
- EXISTING STREET LIGHT CONTROL CABINET
- EXISTING STREET LIGHT PULL BOX
- EXISTING STREET LIGHT CONDUIT & WIRE
- EXISTING TRAFFIC SIGNAL MAST ARM

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | LIGHTING PLAN - SCHEMATIC OVERVIEW | SHEET 28 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\023601-LP.DWG
LAYOUT NAME - Street Lighting Overview

PLOT DATE : 6/16/2026 10:51 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

N

ODANA ROAD

EXISTING R/W

DISCONNECT EXISTING STREET LIGHTING WIRE WITHIN EXSB4 PRIOR TO DISCONNECTING AND REMOVING EXISTING TRAFFIC SIGNALS. REROUTE EXISTING ELECTRICAL WIRE/CONDUIT IN LPB-1 TO MAINTAIN EXISTING STREET LIGHTING SYSTEM.

LPB-1
STA 103+25.50, -51.00' LT
ELECTRICAL PULL BOX TYPE I

EXSB4

PI: 103+36.48

S. WHITNEY WAY

103+00

| PROJECT NO: 5992-07-06 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | LIGHTING PLAN | SHEET 29 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\023602-LP.DWG
LAYOUT NAME - 023601-lp
PLOT DATE : 7/23/2026 3:15 PM
PLOT BY : JASON DOLENS
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

2

N

EXLP1
EXISTING STREET LIGHT
POLE TO REMAIN

DISCONNECT EXISTING STREET LIGHTING WIRE TO EXLP1 AND CAP EXISTING CONDUIT. EXLP1 WILL REMAIN ON EXISTING STREET LIGHTING SYSTEM POWERED FROM THE INTERSECTION OF S. WHITNEY WAY & TOKAY BOULEVARD. REMOVE EXISTING DISCONNECTED STREET LIGHT WIRES TO EXISTING TRAFFIC SIGNAL POLES AND EXLP2.

CONNECT EXISTING CONDUIT INTO PB4

EXLP2
EXISTING STREET LIGHT
POLE TO REMAIN

EXISTING R/W

S. WHITNEY WAY

ODANA ROAD

TLE

PB1

PB2

PB3

PB4

EXPB10

CB1

PI: 104+31.80

105+00

35'

18'

22'

| PROJECT NO: 5992-07-06 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | LIGHTING PLAN | SHEET 30 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\023602-LP.DWG
LAYOUT NAME - 023602-lp
PLOT DATE : 7/23/2026 3:15 PM
PLOT BY : JASON DOLENS
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

TEMPORARY TRAFFIC SIGNAL GENERAL CONSTRUCTION NOTES

1. TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION UNTIL THE NEW PROPOSED SIGNAL IS OPERATIONAL AS SHOWN ON PLAN SHEET.
2. UTILIZED TIMING PLANS PROVIDED BY THE CITY OF MADISON FOR TEMPORARY SIGNALS.
3. REMOVE OR COVER EXISTING SIGNAL HEADS ONCE TEMPORARY SIGNALS ARE OPERATIONAL.
4. THE CONTRACTOR SHALL SUPPLY AND INSTALL NON-INTRUSIVE TEMPORARY DETECTION AND EMERGENCY VEHICLE PREEMPTION SYSTEMS TO MAXIMIZE THE EFFECTIVENESS BASED ON FINAL POLE LOCATIONS APPROVED BY THE ENGINEER. ADDITIONAL POLES MAY BE NECESSARY TO PROVIDE A FULLY FUNCTIONING SYSTEM.
5. OVERHEAD FACILITIES SHALL MAINTAIN A MINIMUM CLEARANCE OF 18' FROM THE PAVEMENT TO THE OVERHEAD OBSTRUCTION.
6. THE LOCATION OF THE EXISTING AND PROPOSED UTILITIES ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN. THE CONTRACTOR IS FULLY RESPONSIBLE FOR AVOIDING ALL EXISTING UTILITIES AND EXISTING CONDUIT.
7. THE PROJECT SPONSOR OR REPRESENTATIVE SHALL ADJUST THE LOCATIONS OF THE ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FACILITIES. THE PROJECT SPONSOR OR REPRESENTATIVE SHALL REVIEW IMPACTS BEFORE AUTHORIZING ANY RELOCATION.
8. PEDESTRIAN SIGNALS CONTROLLING CROSSWALKS THAT ARE CLOSED SHALL BE COVERED AND DE-ENERGIZED WHILE THE CROSSWALK IS CLOSED FOR CONSTRUCTION. PEDESTRIAN SIGNALS SHALL BE UNCOVERED AND ENERGIZED WHILE CROSSWALKS ARE OPEN TO PEDESTRIAN TRAFFIC. SEE PEDESTRIAN DETOUR SHEETS FOR CROSSWALK STAGING.
9. DETECTION AREAS WITHIN CLOSED LANES SHALL BE DISABLED.
10. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL TRAFFIC CONTROL ITEMS.




2

LEGEND

- TEMPORARY CONTROL CABINET
- TEMPORARY WOOD POLE
- SIGNAL HEAD
- TEMPORARY BASE
- LUMINAIRE
- PUSH BUTTON
- PEDESTRIAN HEAD
- VIDEO DETECTION AREA
- VIDEO DETECTION CAMERA (VX)
- EVP DESIGNATOR (X)
- EVP DETECTOR HEAD
- SIGNAL HEAD NUMBER (XX)
- RED CIRCULAR INDICATOR (R)
- YELLOW CIRCULAR INDICATOR (Y)
- GREEN CIRCULAR INDICATOR (G)
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- DON'T WALK INDICATOR 16"
  WALK INDICATOR 16"
- LANE DESIGNATION FOR INFO ONLY

NOTES:

GRAYSHADE REPRESENTS EXISTING
ALL LENSES ARE 12-INCH LED

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC SIGNAL TEMPORARY - NOTES | SHEET 31 | E |
|---|---|---|---|---|---|

COORDINATE WITH JERRY SCHIPPA, CITY OF MADISON TRAFFIC ENGINEER FOR EXACT LOCATION AND CONFIGURATION OF VEHICLE DETECTION ZONES.

PLACE 220' FROM THE STOP BAR

PLACE AT BEGINNING OF TURN BAY

AT&T (FO)

CITY OF MADISON (ELEC)

SPECTRUM, US SIGNAL, MG&E, TDS (OH)

LUMEN (FO)

EXISTING OVERHEAD POWER LINE

TLE

CAUTION

STA 104+42.54, 72.80' RT

BLUEBIRD FIBER (FO)

CITY OF MADISON (ELEC)

SPECTRUM, MG&E (OH)

EXISTING R/W

MG&E (ELEC)

STA 104+40.35, -76.14' LT

MG&E (GAS)

AT&T (TEL)

TDS (FO)

LUMEN(FO)

EXISTING R/W

TC1

TP1

TP2

WHITNEY WAY

PI: 104+31.80

CITY OF MADISON (FO)

CITY OF MADISON (ELEC)

SPECTRUM, MG&E (OH)

CITY OF MADISON (FO)

SPECTRUM, MG&E (OH)

ACTIVE DURING PEAK HOUR OPERATIONS

CITY OF MADISON (ELEC)

PLACE 220' FROM THE STOP BAR

PLACE AT BEGINNING OF TURN BAY

CITY OF MADISON (WATER)

104+00

ODANA RD

MG&E (GAS)

PLACE 220' FROM THE STOP BAR

CITY OF MADISON (FO)

CITY OF MADISON (ELEC)

CITY OF MADISON (ELEC)

EXISTING OVERHEAD POWER LINE

STA 103+35.51, 69.87' RT

TP3

CITY OF MADISON (ELEC)

EXISTING R/W

EXISTING R/W

CITY OF MADISON (ELEC)

STA 103+31.43, -70.70' LT

TP5

TLE

CITY OF MADISON (ELEC)

TP4

STA 103+17.91, 87.37' RT

103+00

CITY OF MADISON (ELEC)

PLACE 220' FROM THE STOP BAR

ACTIVE DURING PEAK HOUR OPERATIONS

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC SIGNAL TEMPORARY - STAGE 1 | SHEET 32 | E |
|---|---|---|---|---|---|

2

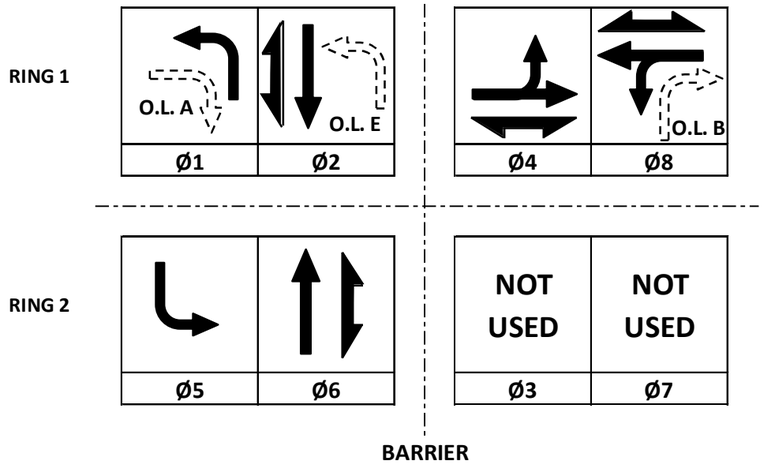
PLACE 220' FROM THE STOP BAR
MG&E (ELEC)
AT&T (TEL)
MG&E (GAS)
LUMEN (FO)
TDS (FO)
EXISTING R/W
SPECTRUM, MG&E (OH)
CITY OF MADISON (FO)
CITY OF MADISON (FO)
CITY OF MADISON (ELEC)
SPECTRUM, MG&E (OH)
PI: 104+31.80
104+00
ODANA RD
MG&E (GAS)
PLACE 220' FROM THE STOP BAR
PLACE 220' FROM THE STOP BAR
CITY OF MADISON (FO)
CITY OF MADISON (ELEC)
EXISTING R/W
CITY OF MADISON (ELEC)
CITY OF MADISON (ELEC)
103+00
CITY OF MADISON (ELEC)
PLACE 220' FROM THE STOP BAR
AT&T (FO)
CITY OF MADISON (ELEC)
SPECTRUM, US SIGNAL, MG&E, TDS (OH)
LUMEN (FO)
TLE
EXISTING OVERHEAD POWER LINE
BLUEBIRD FIBER (FO)
SPECTRUM, MG&E (OH)
EXISTING R/W
CITY OF MADISON (ELEC)
PLACE 220' FROM THE STOP BAR
ACTIVE DURING PEAK HOUR OPERATIONS
CITY OF MADISON (ELEC)
CITY OF MADISON (WATER)
CITY OF MADISON (ELEC)
EXISTING OVERHEAD POWER LINE
CITY OF MADISON (ELEC)
EXISTING R/W
ACTIVE DURING PEAK HOUR OPERATIONS
N
2

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC SIGNAL TEMPORARY - STAGE 2 | SHEET 33 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\024101-ST_02.DWG
LAYOUT NAME - 024101-st_02
PLOT DATE : 10/20/2026 1:40 PM
PLOT BY : JASON DOLENS
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

| | HEAD NUMBERS | FLASH |
|---|---|---|
| Ø1 | 2,4,17 | - |
| Ø2 | 1,19,20 | R |
| Ø3 | | |
| Ø4 | 9,10,11,21,22 | R |
| Ø5 | 3,16,18 | R ← |
| Ø6 | 5,6,15 | R |
| Ø7 | | |
| Ø8 | 7,8,23,24,25 | R |
| Ø2P | 98,99 | |
| Ø4P | 96,97 | |
| Ø6P | 92,93,94,95 | |
| Ø8P | 90,91 | |

| OVERLAP ASSIGNMENTS | | |
|---|---|---|
| OLA | 11,21 | R ← Ø1 |
| OLB | 12,13,14 | R ← Ø8 |
| OLE | 2,4,17 | R ← Ø2 |




## CONTROLLER LOGIC

| PHASE NUMBER | PHASE LOCKING | DUAL ENTRY W / Ø | PHASE RECALL | PHASE ACTIVE |
|---|---|---|---|---|
| 1 | | 6 | | X |
| 2 | X | 6 | PED | X |
| 3 | | | | |
| 4 | | | | X |
| 5 | | 2 | | X |
| 6 | X | 2 | PED | X |
| 7 | | | | |
| 8 | | | | X |

### EMERGENCY VEHICLE PREEMPTION SEQUENCE

| EMERGENCY VEHICLE PREEMPTOR | A | B | C | D |
|---|---|---|---|---|
| MOVEMENT | ↓ L | ↑ ↑ | → | ← |
| PHASE | 2+5 | 1+6 | 4 | 8 |

AFTER PREEMPTION SEQUENCE 1+6 OR 2+5, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4, CONTROLLER SHALL RETURN TO PHASE 8.
AFTER PREEMPTION SEQUENCE 8, CONTROLLER SHALL RETURN TO PHASE 7.

| TYPE OF INTERCONNECT/COMMUNICATION | |
|---|---|
| NONE | X |
| CLOSED LOOP | |
| TWISTED PAIR | |
| FIBER OPTIC* | |
| FIBER OPTIC (ETHERNET) | |
| RADIO | |
| CELL MODEM | |

| TYPE OF COORDINATION | |
|---|---|
| NONE | X |
| TBC | |
| TRAFFIC RESPONSIVE | |
| ADAPTIVE | |
| *LOCATION OF MASTER CONTROLLER NO: S- | |
| SIGNAL SYSTEM NO: SS- | |

| TYPE OF LIGHTING | |
|---|---|
| BY OTHER AGENCY | |
| IN TRAFFIC CABINET | X |
| IN SEPARATE LIGHTING CABINET | |

| TYPE OF PRE-EMPT | |
|---|---|
| NONE | |
| RAILROAD | |
| EMERGENCY VEHICLE | X |
| GTT | X |
| TOMAR | |
| HARDWIRE | |
| OTHER | |
| LIFT BRIDGE | |
| QUEUE DETECTION | |

## DETECTOR LOGIC

| DETECTOR INPUT | 3 | 1 | 7 | 5 | 11 | 9 | 15 | 13 | 19 | 17 | 23 | 21 | 27 | 25 | 31 | 29 | DETECTOR INPUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLAN LOOP DETECTOR*(S) | 11 | 21 | 23 | 41 | 43 | 51 | 62 | 64 | 82 | 84 | | | | | | | PLAN LOOP DETECTOR*(S) |
| CALLED PHASE | 1 | 2 | 2 | 4 | 4 | 5 | 6 | 6 | 8 | 8 | | | | | | | CALLED PHASE |
| PHASE EXTENDED | 1 | 2 | 2 | 4 | 4 | 5 | 6 | 6 | 8 | 8 | | | | | | | PHASE EXTENDED |
| DISCONNECT TIME | | | | | | | | | | | | | | | | | DISCONNECT TIME |
| CALLING DELAY | | | | | | | | | | | | | | | | | CALLING DELAY |
| EXTENSTION STRETCH | | | | | | | | | | | | | | | | | EXTENSTION STRETCH |
| LOOP FUNCTION | | | | | | | | | | | | | | | | | LOOP FUNCTION |

| DETECTOR INPUT | 4 | 2 | 8 | 6 | 12 | 10 | 16 | 14 | 20 | 18 | 24 | 22 | 28 | 26 | 32 | 30 | DETECTOR INPUT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLAN LOOP DETECTOR*(S) | 12 | 22 | 24 | 42 | 44 | 61 | 63 | 81 | 83 | 85 | | | | | | | PLAN LOOP DETECTOR*(S) |
| CALLED PHASE | 1 | 2 | 2 | 4 | 4 | 6 | 6 | 8 | 8 | 8 | | | | | | | CALLED PHASE |
| PHASE EXTENDED | 1 | 2 | 2 | 4 | 4 | 6 | 6 | 8 | 8 | 8 | | | | | | | PHASE EXTENDED |
| DISCONNECT TIME | | | | | | | | | | | | | | | | | DISCONNECT TIME |
| CALLING DELAY | | | | | | | | | | | | | | | | | CALLING DELAY |
| EXTENSTION STRETCH | | | | | | | | | | | | | | | | | EXTENSTION STRETCH |
| LOOP FUNCTION | | | | | | | | | | | | | | | | | LOOP FUNCTION |

## GENERAL NOTES:

1. SIGNAL TO RUN FREE FROM 6:30 AM TO 8:00 PM.
2. SIGNAL TO RUN FREE WITH RED REST FROM 8:00 PM TO 6:30 AM.
3. PROGRAM SIGNAL TO RUN RED-RED FLASH DURING EMERGENCIES ONLY.

ODANA RD & WHITNEY WAY (TEMPORARY)
CITY OF MADISON
DANE COUNTY

SIGNAL NO: CABINET TYPE:
CONTROLLER TYPE: ECONOLITE
DATE: PAGE NO. 1 OF 1

2

2

N

S. WHITNEY WAY

ROUTE TEMPORARY FIBER VERTICALLY DOWN THE TP1 AND INSTALL IN TC1. INSTALL TEMPORARY TERMINATION PANEL (12 BURNS)

TLE

TC1

EXISTING R/W

12 CT FIBER

EXPB1

EXISTING BACKBONE FIBER OPTIC PULL BOX

INSTALL TEMPORARY TRAFFIC SIGNAL STANDARD ADJACENT TO EXPB1 TO ALLOW FIBER TO ROUTE VERTICALLY UP THE TEMPORARY POLE AND OVER TO TP1. INSTALL TYCO D CASE ON TEMPORARY POLE AND SPLICE EXISTING FIBER (12 BURNS)

ODANA ROAD

PI: 104+31.80

104+00

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TEMPORARY FIBER OPTIC PLAN | SHEET 35 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\024102-ST_FIBER.DWG
LAYOUT NAME - 024102-st_fiber

PLOT DATE : 7/23/2026 2:35 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

2

N

REMOVING FIBER CABLES FROM EXISTING CONDUIT FROM EXPB1 TO EXISTING TRAFFIC SIGNAL CABINET (EXCB1)

EXPB10

EXPB9

EXSB17

EXSB16

EXSB18

EXSB15

EXPB8

EXSB14

EXCB1

EXSB1

EXPB1

REMOVING OR ABANDONING EXISTING FIBER CONDUIT

REMOVING OR ABANDONING EXISTING FIBER CONDUIT

EXISTING PULL BOX TO REMAIN

EXSB2

EXPB3

EXPB2

EXSB3

EXPB4

EXSB5

EXSB6

EXSB4

EXSB13

EXSB12

EXSB7

EXPB6

EXSB8

EXSB11

EXPB7

EXSB10

EXSB9

EXPB5

S. WHITNEY WAY

ODANA ROAD

104+00

103+00

EXISTING R/W

TLE

TRAFFIC SIGNAL REMOVALS LEGEND

REMOVING CONCRETE BASES

REMOVING PULL BOXES

| PROJECT NO: 5992-07-06 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC SIGNAL REMOVALS | SHEET 36 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\024201-SP_REMOVALS.DWG
LAYOUT NAME - 024203-sp removal

PLOT DATE : 7/23/2026 3:03 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

SIGNAL DESIGN GENERAL CONSTRUCTION NOTES:

1. THE ENGINEER SHALL ADJUST THE LOCATIONS OF THE ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FACILITIES. THE ENGINEER SHALL REVIEW IMPACTS BEFORE AUTHORIZING ANY RELOCATION.

2. THE ENGINEER SHALL INSPECT THE PULL BOXES AND CONDUIT RUNS 3 DAYS PRIOR TO PLACING SIGNAL CABLE AND ELECTRICAL WIRE INTO THE SYSTEM.

3. PEDESTRIAN SIGNAL HEADS AND PUSH BUTTONS SHALL BE LOCATED PERPENDICULAR OR NEARLY PERPENDICULAR TO THE CROSSWALK, IF POSSIBLE.

4. INSTALLATION OF STYLE R10-3 SERIES SIGNS IS INCIDENTAL TO THE PEDESTRIAN PUSH BUTTON SIGNS AND SHALL BE INCLUDED ABOVE EVERY PUSH BUTTON.

5. ALL TRAFFIC SIGNAL FACES SHALL INCLUDE RETROREFLECTIVE BACKPLATES.

6. TIMING PLANS SHALL BE COORDINATED WITH THE CITY OF MADISON. CONTACT GRETCHEN AVILES PINEIRO, CITY OF MADISON TRAFFIC ENGINEERING, TO COORDINATE SIGNAL OPERATIONS.

GAVILESPINEIRO@CITYOFMADISON.COM
(608) 266-4899

| CONFIGURATION WITH HEAD NUMBERS | | | | | | |
|---|---|---|---|---|---|---|
| 3-V | 3-VA | 3-VL | 3-VR | 4-VL | 5-VR | PED |
| 1, 7, 8, 11, 18, 22, 23, 29 | 6, 21 | 2, 3, 4, 5, 16, 19, 20, 24, 27 | 13, 14, 15, 17 | 9, 10, 26, 28 | 12, 25 | PH2-1, PH2-2 PH4-1, PH4-2 PH6-1, PH6-2, PH6-3, PH6-4, PH6-5, PH6-6 PH8-1, PH8-2, PH8-3, PH8-4 |

LEGEND

- CONTROL CABINET
- ACCESSIBLE PEDESTRIAN PUSH BUTTON
- PEDESTRIAN HEAD
- PEDESTRIAN INDICTATOR 16-INCH COUNTDOWN TIMER
- SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- LUMINAIRE
- TRAFFIC SIGNAL STANDARD
- ELECTRICAL PULL BOX TYPE V
- ELECTRICAL PULL BOX TYPE VII
- VIDEO DETECTION CAMERA
- SURVEILLANCE CAMERA
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- VIDEO DETECTION ZONES
- MONOTUBE BASE, POLE, 35' ARM
- EVP DETECTOR HEAD
- EVP DESIGNATOR
- SIGNAL HEAD WITH RETROREFLECTIVE BACKPLATE
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW

NOTES:

GRAYSHADE REPRESENTS EXISTING
ALL LENSES ARE 12-INCH LED

TRAFFIC CONTROL SIGNAL

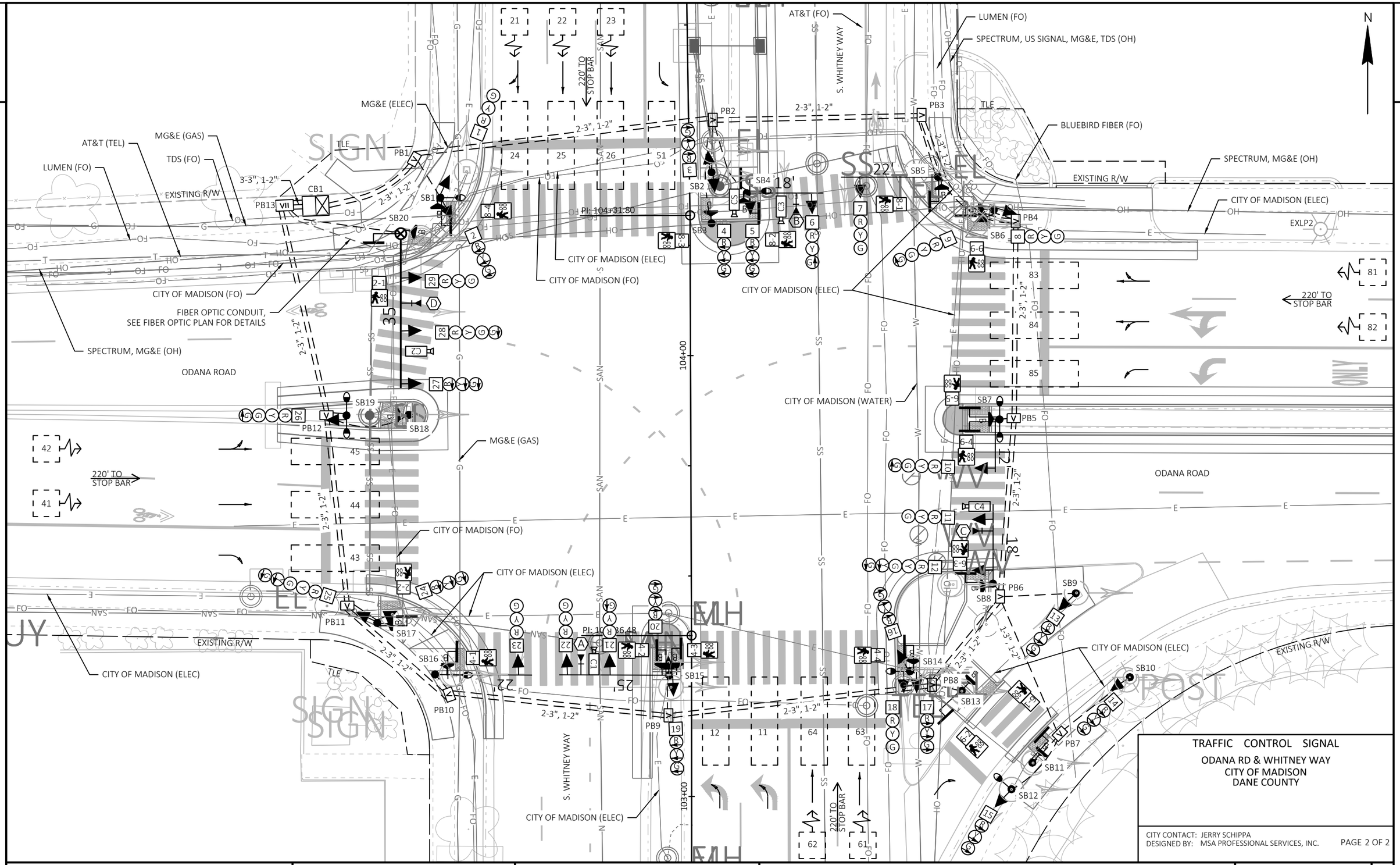
ODANA RD & WHITNEY WAY
CITY OF MADISON
DANE COUNTY

CITY CONTACT: JERRY SCHIPPA
DESIGNED BY: MSA PROFESSIONAL SERVICES, INC.



| PROJECT NO: 5992-07-06 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC SIGNAL PLAN | SHEET 37 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\024201-SP.DWG
LAYOUT NAME - 024201-sp
PLOT DATE : 7/29/2026 11:48 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42




TRAFFIC CONTROL SIGNAL

ODANA RD & WHITNEY WAY
CITY OF MADISON
DANE COUNTY

CITY CONTACT: JERRY SCHIPPA
DESIGNED BY: MSA PROFESSIONAL SERVICES, INC.

PAGE 2 OF 2

| PROJECT NO: 5992-07-06 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC SIGNAL PLAN | SHEET 38 | E |
|---|---|---|---|---|---|

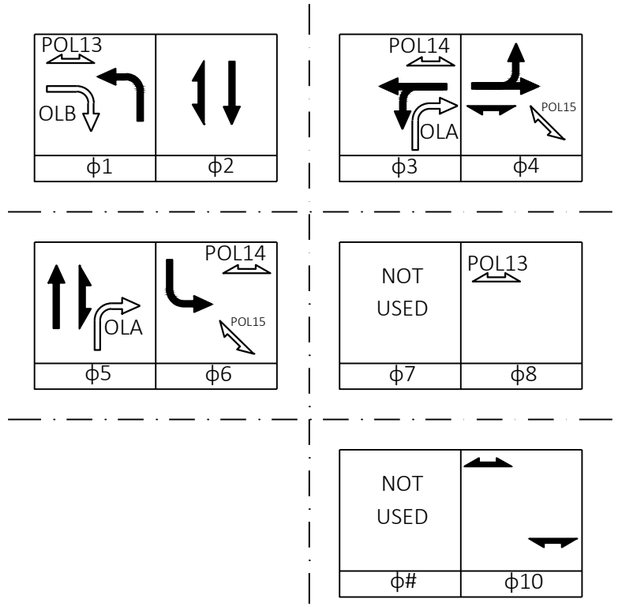
FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\024201-SP.DWG
LAYOUT NAME - 024202-sp

PLOT DATE : 10/20/2026 1:43 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

| | HEAD NUMBERS | FLASH | O.L. ASSIGNMENTS |
|---|---|---|---|
| ϕ1 | 2, 4, 5, 19 | | |
| ϕ2 | 1, 21-23 | R | |
| ϕ3 | 8, 24, 27-29 | | |
| ϕ4 | 9,25, 26, 10-12 | R | |
| ϕ5 | 3, 16, 20 | | |
| ϕ6 | 6, 7 ,18 | R | |
| ϕ7 | N/A | | |
| PED OL 15 | 6-1, 6-2 | R | ϕ3 + ϕ4 + ϕ5 |
| ϕ2 PED | 2-1, 2-2 | --- | |
| ϕ4 PED | 4-1, 4-2, 4-3, 4-4 | --- | |
| ϕ6 PED | 6-1, 6-4 | --- | |
| PED OL 13 | 8-3, 8-4 | --- | ϕ1 + ϕ8 |
| OLA | 13-15, 17 | --- | ϕ3 + ϕ6, PED PROT ϕ3 |
| OLB | 12, 25 | --- | ϕ1 |
| PED OL 14 | 8-1, 8-2 | --- | ϕ3 + ϕ5 |
| ϕ10 PED | 8-3, 8-4 | --- | |

N




BARRIER

## CONTROLLER LOGIC

| TYPE OF INTERCONNECT | |
|---|---|
| NONE | |
| TBC | |
| CLOSED LOOP TWISTED PAIR | |
| CLOSED LOOP FIBER OPTIC | X |
| RADIO | |

| TYPE OF REMOTE COMMUNICATION | |
|---|---|
| NONE | |
| FIBER | X |
| CELL MODEM | |
| PHONE | |

| PHASE NUMBER | PHASE LOCKING | DUAL ENTRY W / ϕ | PHASE RECALL | PHASE ACTIVE |
|---|---|---|---|---|
| 1 | X | | NONE | X |
| 2 | X | | PED | X |
| 3 | X | | NONE | X |
| 4 | X | | NONE | X |
| 5 | X | | NONE | X |
| 6 | X | | PED | X |
| 7 | | | | |
| 8 | X | | NONE | X |
| 9 | | | | |
| 10 | X | | NONE | X |

| TYPE OF PRE-EMPT | |
|---|---|
| NONE | |
| RAILROAD | |
| EMERGENCY VEHICLE | X |
| GTT | X |
| TOMAR | |
| HARDWIRE | |
| OTHER | |
| LIFT BRIDGE | |
| QUEUE DETECTOR | |

| TYPE OF LIGHTING | |
|---|---|
| BY OTHER AGENCY | |
| IN TRAFFIC SIGNAL CABINET | X |
| IN SEPARATE LIGHTING CABINET | |

| PREEMPTION ASSIGNMENTS | | | |
|---|---|---|---|
| PREEMPTION DESIGNATION | PREEMPTION TYPE | EVP CHANNEL | PHASE(S) CALLED |
| 1 | RESERVED | | |
| 2 | RESERVED | | |
| 3 | SB EVP | A | 2, 5 |
| 4 | NB EVP | B | 1, 6, A |
| 5 | EB EVP | C | 4, B |
| 6 | WB EVP | D | 3 |
| 7 | EB TRANSIT | | 4, B |
| 8 | NB TRANSIT | | 6 |
| 9 | SB TRANSIT | | 2 |
| 10 | NOT USED | | |

## DETECTOR LOGIC

| DETECTOR INPUT | 3 | 1 | 7 | 5 | 11 | 9 | 15 | 13 |
|---|---|---|---|---|---|---|---|---|
| DETECTOR #(S) | | | | | | | | |
| PHASE CALLED | | | | | | | | |
| PHASE EXTENDED | | | | | | | | |
| DISCONNECT TIME | | | | | | | | |
| CALLING DELAY | | | | | | | | |
| DIST. FROM STOP BAR | | | | | | | | |
| LOOP FUNCTION | | | | | | | | |

| DETECTOR INPUT | 4 | 2 | 8 | 6 | 12 | 10 | 16 | 14 |
|---|---|---|---|---|---|---|---|---|
| DETECTOR #(S) | | | | | | | | |
| PHASE CALLED | | | | | | | | |
| PHASE EXTENDED | | | | | | | | |
| DISCONNECT TIME | | | | | | | | |
| CALLING DELAY | | | | | | | | |
| DIST. FROM STOP BAR | | | | | | | | |
| LOOP FUNCTION | | | | | | | | |

PED BUTTON INPUT NOTES
1. 8-INPUT TERMINAL
   - 1.1. 901 - SB1
   - 1.2. 902 - SB17, SB18, SB20
   - 1.3. 903 - SB2
   - 1.4. 904 - SB4
   - 1.5. 905 - SB5
   - 1.6. 906 - SB6, SB7, SB8
   - 1.7. 907 - SB16
   - 1.8. 908 - SB15
2. ADDITIONAL 4-INPUT TERMINAL
   - 2.1. 909 - SB15
   - 2.2. 910 - SB14
   - 2.3. 911 - SB13
   - 2.4. 912 - SB11
3. MOUNT BOTH TERMINAL BLOCKS ON THE SIDE OF THE CABINET NEAR THE DETECTOR INPUT PANEL.
4. EACH PED INPUT SHALL CALL PED PHASES IN SUCH A WAY TO REDUCE REQUIRED MULTIPLE PED BUTTON PUSHES FOR A PEDESTRIAN TO NAVIGATE THE INTERSECTION, AND PED PHASING PROGRAMMED TO CROSS ALL LANES IN ONE CONTINUOUS CROSSING.
   - 4.1. EB CROSSING IN NORTH CROSSWALK: 1->5, AND/OR 8->3
   - 4.2. WB CROSSING IN NORTH CROSSWALK: 5->8, AND/OR 3->8
   - 4.3. EB CROSSING IN SOUTH CROSSWALK: 4->10
   - 4.4. WB CROSSING IN SOUTH CROSSWALK: 3->4, 10->4

BIKE NOTES
1. NO DEDICATED BIKE FACILITIES, USE NON-INTRUSIVE DETECTION ZONES THE WIDTH OF EACH LANE SUFFICIENT ENOUGH TO DETECT CYCLISTS IN EACH LANE.
2. IF VIDEO DETECTION SYSTEM CAN DIFFERENTIATE BETWEEN BIKES, USE THAT FUNCTION TO CALL BIKE MINIMUM GREENS ON PHASE 3 AND 4.
3. THE SEQUENCE OF WB PRECEEDING EB PHASES IS IMPORTANT TO SEPARATE WB BIKES FROM NBLT VEHICLES IN TIME.

TRANSIT NOTES:
1. IF VIDEO DETECTION SYSTEM CAN DIFFERENTIATE VEHICLES BY LENGTH, PROGRAM DETECTION ZONES TO A UNIQUE INPUT WHEN VEHICLES LARGER THAN 40-FT PASS THROUGH THOSE LANES TO INITIATE TRANSIT/COMMERCIAL PRIORITY.

| PROJECT ID: | 5992-07-06 |
|---|---|
| INTERSECTION | WHITNEY WAY & ODANA RD |

| SIGNAL WIRE COLOR CODING | BLK-BLACK | RED-RED | GRN-GREEN |
|---|---|---|---|
| | WHT-WHITE | BLU-BLUE | ORG-ORANGE |

DATE: 7/19/2026

| CB1 TO | # OF COND. | HEAD NO. | PHASE | SIGNAL INDICATION WIRE COLOR | | | | | | | | | PED BUTTON | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | RED | YELLOW | GREEN | <RED | <YELLOW> | <GREEN> | <FLASHING YELLOW> | DWALK | WALK | | |
| SB1 | 12 | 1 | 2 | RED | ORG | GRN | | | | | | | | |
| | | 2 | 1 | | | | RED/BLK | ORG/BLK | GRN/BLK | | | | | |
| | 12 | 8-4 | 8 | | | | | | | | BLK | BLU | | |
| | | B | 8 | | | | | | | | | | WHT/BLK | BLK/WHT |
| SB2 | 12 | 3 | 5 | | | | RED | ORG | GRN | | | | | |
| | | 4 | 1 | | | | RED/BLK | ORG/BLK | GRN/BLK | | | | | |
| SB3 | 12 | B | 8 | | | | | | | | | | WHT/BLK | BLK/WHT |
| SB4 | 12 | 5 | 1 | RED | ORG | GRN | | | | | | | | |
| | | 6 | 6 | | | | RED/BLK | ORG/BLK | GRN/BLK | | | | | |
| | 12 | 8-2 | 8 | | | | | | | | BLK | BLU | | |
| | | 8-3 | 8 | | | | | | | | RED | GRN | | |
| | | B | 8 | | | | | | | | | | WHT/BLK | BLK/WHT |
| SB5 | 12 | 7 | 6 | RED | ORG | GRN | | | | | | | | |
| | | 8-1 | 8 | | | | | | | | BLK | BLU | | |
| | | B | 8 | | | | | | | | | | WHT/BLK | BLK/WHT |
| SB6 | 12 | 8 | 3 | RED | ORG | GRN | | | | | | | | |
| | | 9 | 4 | RED/BLK | ORG/BLK | GRN/BLK | | | GRN/WHT | | | | | |
| | 12 | 6-6 | 6 | | | | | | | | BLK | BLU | | |
| | | B | 6 | | | | | | | | | | WHT/BLK | BLK/WHT |
| SB7 | 12 | 10 | 4 | RED | ORG | GRN | | | GRN/BLK | | | | | |
| | 12 | 6-4 | 6 | | | | | | | | BLK | BLU | | |
| | | 6-5 | 6 | | | | | | | | RED | GRN | | |
| | | B | 6 | | | | | | | | | | WHT/BLK | BLK/WHT |
| SB8 | 12 | 11 | 4 | RED | ORG | GRN | | | | | | | | |
| | | 12 | 4 (OLB) | RED/BLK | ORG/BLK | GRN/BLK | | RED/WHT | GRN/WHT | | | | | |
| | 12 | 6-3 | 6 | | | | | | | | BLK | BLU | | |
| | | B | 6 | | | | | | | | | | WHT/BLK | BLK/WHT |
| SB9 | 12 | 13 | 6 (OLA) | | | | RED | ORG | GRN | | | | | |
| SB10 | 12 | 14 | 6 (OLA) | | | | RED | ORG | GRN | | | | | |
| SB11 | 12 | 6-1 | 6 | | | | | | | | BLK | BLU | | |
| | | B | 6 | | | | | | | | | | WHT/BLK | BLK/WHT |
| SB12 | 12 | 15 | 6 (OLA) | | | | RED | ORG | GRN | | | | | |
| SB13 | 12 | 6-2 | 6 | | | | | | | | BLK | BLU | | |
| | | B | 6 | | | | | | | | | | WHT/BLK | BLK/WHT |
| SB14 | 12 | 16 | 5 | | | | RED/BLK | ORG/BLK | GRN/BLK | | | | | |
| | | 17 | 6 (OLA) | | | | RED/WHT | BLU/WHT | GRN/WHT | | | | | |
| | | 18 | 6 | RED | ORG | GRN | | | | | | | | |
| | 12 | 4-4 | 4 | | | | | | | | BLK | BLU | | |
| | | B | 4 | | | | | | | | | | WHT/BLK | BLK/WHT |
| SB15 | 12 | 19 | 1 | | | | RED/BLK | ORG/BLK | GRN/BLK | | | | | |
| | | 20 | 5 | | | | RED/WHT | BLU/BLK | BLK/WHT | | | | | |
| | | 21 | 2 | RED | ORG | GRN | | | | | | | | |
| | | 22 | 2 | BLK | BLU | WHT/BLK | | | | | | | | |
| | 12 | 4-2 | 4 | | | | | | | | BLK | BLU | | |
| | | 4-3 | 4 | | | | | | | | RED | GRN | | |
| | | B | 4 | | | | | | | | | | WHT/BLK | BLK/WHT |
| | | B | 4 | | | | | | | | | | RED/WHT | RED/BLK |
| SB16 | 12 | 23 | 2 | RED | ORG | GRN | | | | | | | | |
| | | 4-1 | 4 | | | | | | | | BLK | BLU | | |
| | | B | 4 | | | | | | | | | | WHT/BLK | BLK/WHT |
| SB17 | 12 | 24 | 3 | | | | RED/BLK | ORG/BLK | GRN/BLK | | | | | |
| | | 25 | 4 (OLB) | RED | ORG | GRN | | BLK | BLU | | | | | |
| | 12 | 2-2 | 2 | | | | | | | | BLK | BLU | | |
| | | B | 2 | | | | | | | | | | WHT/BLK | BLK/WHT |
| SB18 | 12 | B | 2 | | | | | | | | | | WHT/BLK | BLK/WHT |
| SB19 | 12 | 26 | 4 | RED | ORG | GRN | | | BLK | | | | | |
| SB20 | 12 | 27 | 3 | | | | RED/BLK | ORG/BLK | GRN/BLK | | | | | |
| | | 28 | 3 | RED | ORG | GRN | | | BLU | | | | | |
| | | 29 | 3 | RED/WHT | BLU/BLK | BLK/WHT | | | | | | | | |
| | 12 | 2-1 | 2 | | | | | | | | BLK | BLU | | |
| | | B | 2 | | | | | | | | | | WHT/BLK | BLK/WHT |

| EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN XLP | |
|---|---|
| FROM | TO |
| CB1 | SB1 |
| SB1 | SB2 |
| SB2 | SB3 |
| SB3 | SB4 |
| SB4 | SB6 |
| SB6 | SB7 |
| SB7 | SB8 |
| SB8 | SB9 |
| SB9 | SB10 |
| SB10 | SB11 |
| SB11 | SB12 |
| SB12 | SB14 |
| SB14 | SB15 |
| SB15 | SB16 |
| SB16 | SB17 |
| SB17 | SB18 |
| SB18 | SB19 |
| SB19 | SB20 |
| SB20 | CB1 |

| LIGHTING UF 12 AWG W/GROUND | |
|---|---|
| FROM | TO |
| CB1 | SB1 |
| SB1 | SB4 |
| SB4 | SB7 |
| CB1 | SB19 |
| SB19 | SB16 |
| SB16 | SB12 |

| EVP CABLE | |
|---|---|
| FROM | TO |
| CB1 | HEAD A |
| CB1 | HEAD B |
| CB1 | HEAD C |
| CB1 | HEAD D |

- USE THE WHITE CONDUCTOR IN THE CABLE ASSEMBLY AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
- ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
- RECONNECT THE GROUNDING CONDUCTORS WHEREVER THE CIRCUIT HAS BEEN INTERRUPTED TO ENSURE THE GROUNDING CIRCUIT IS COMPLETE.

2

2

N

S. WHITNEY WAY

TLE

CB1
NEW TERMINATION PANEL
12 BURNS

PB1

SB1

EXISTING R/W

PB13

CB1

SB20

EXPB1

PI: 104+31.80

SIGNAL CONDUIT
12-CT FIBER (SIGNALS)

CONNECT CONDUIT INTO
EXISTING PULL BOX EXPB1

35'

ODANA ROAD

104+00

| PROJECT NO: 5992-07-06 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | FIBER OPTIC PLAN | SHEET 41 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\024201-SP_FIBER.DWG
LAYOUT NAME - 024204-sp fiber

PLOT DATE : 7/23/2026 3:27 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

MATCHLINE STA. 106+00

N

S. WHITNEY WAY

106+00

105+00

104+00

103+00

ODANA ROAD

ODANA ROAD

S. WHITNEY WAY

GUY

GUY

PI: 104+31.80

PI: 103+36.48

8-INCH (CHANNELIZATION LINE)

WIDE (STOP LINE)

6-INCH (CROSSWALK LINE)

6-INCH (CROSSWALK LINE)

6-INCH (SKIP DASH LINE)

6-INCH (SKIP DASH LINES)

6-INCH (CROSSWALK LINE)

WIDE (STOP LINE)

6-INCH (SKIP DASH LINE)

8-INCH (CHANNELIZATION LINE)

6-INCH (SKIP DASH LINES)

6-INCH (SKIP DASH LINE)

6-INCH (CROSSWALK LINE)

6-INCH (SKIP DASH LINES)

8-INCH (CHANNELIZATION LINE)

WIDE (STOP LINE)

6-INCH (CROSSWALK LINE)

6-INCH (CROSSWALK LINE)

WIDE (STOP LINE)

8-INCH (CHANNELIZATION LINE)

PAVEMENT MARKING REMOVAL LEGEND

MARKING REMOVAL LINE

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PAVEMENT MARKING REMOVAL | SHEET 42 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\024502-PM.DWG
LAYOUT NAME - 024504-pm

PLOT DATE : 6/24/2026 3:44 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

2

N

MATCHLINE STA. 106+00

EP: 106+01.30

S. WHITNEY WAY

00

MATCHLINE 'A'

S. WHITNEY WAY

DRIVEWAY

PAVEMENT MARKING REMOVAL LEGEND

MARKING REMOVAL LINE

| | | | | |
|---|---|---|---|---|
| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PAVEMENT MARKING REMOVAL | SHEET 43 E |

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\024502-PM.DWG
LAYOUT NAME - 024505-pm

PLOT DATE : 6/24/2026 3:44 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

2

ONLY

TOKAY BOULEVARD

S. WHITNEY WAY

MATCHLINE 'A'

S. WHITNEY WAY

SPECIAL MARKING (TYPE 2 ARROW)

SPECIAL MARKING (WORD 'ONLY')

SPECIAL MARKING (TYPE 2 ARROW)

SPECIAL MARKING (WORD 'ONLY')

TOKAY BOULEVARD

PAVEMENT MARKING REMOVAL LEGEND

MARKING REMOVAL LINE

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PAVEMENT MARKING REMOVAL | SHEET 44 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\024502-PM.DWG
LAYOUT NAME - 024506-pm

PLOT DATE : 6/24/2026 3:44 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

MATCHLINE STA. 106+00

106+00

105+00

104+00

103+00

S. WHITNEY WAY

ODANA ROAD

ODANA LANE

6'

5'

WD12

W6

STA. 105+81

100' TAPER

W6-10

STA. 104+81

W6

WAB

WSB

5'

WS24

8'

PI: 103+36.48

WCW18

W6-2

YIN

W6-10

8'

WS24

WCW18

W6-2

YIN

WCW18

YIN

WCW18

WS24

8'

WCW18

YIN

WCW18

WS24

WCW18

WS24

WA3

WA2

WWO

W8

WA3

WA2

WWO

W6-10

Y4-5

W4-5

W6-10

ODANA ROAD

W8-2

W8

W4-5

ONLY

ONLY

| PAVEMENT MARKING LEGEND | |
|---|---|
| W4-5 | MARKING LINE EPOXY 4-INCH, 5' LINE, 5' GAP, WHITE |
| Y4-5 | MARKING LINE EPOXY 4-INCH, 5' LINE, 5' GAP, YELLOW |
| W6 | MARKING LINE EPOXY 6-INCH, WHITE |
| W6-2 | MARKING LINE EPOXY 6-INCH, 2' LINE, 6' GAP, WHITE |
| W6-5 | MARKING LINE EPOXY 6-INCH, 5' LINE, 5' GAP, WHITE |
| W6-10 | MARKING LINE EPOXY 6-INCH, 10' LINE, 30' GAP, WHITE |
| W8 | MARKING LINE EPOXY 8-INCH, WHITE |
| W8-2 | MARKING LINE EPOXY 8-INCH, 2' LINE, 6' GAP, WHITE |
| WD12 | MARKING DIAGONAL EPOXY 12-INCH, 50' C-C, WHITE |
| WCW18 | MARKING CROSSWALK EPOXY LADDER PATTERN 18-INCH, WHITE |
| WS24 | MARKING STOP LINE EPOXY 24-INCH, WHITE |
| YIN | MARKING ISLAND NOSE EPOXY, YELLOW |
| WA2 | MARKING ARROW EPOXY, TYPE 2, WHITE |
| WA3 | MARKING ARROW EPOXY, TYPE 3, WHITE |
| WAB | MARKING ARROW EPOXY, BIKE LANE, WHITE |
| WWO | MARKING WORD EPOXY, 'ONLY', WHITE |
| WSB | MARKING SYMBOL EPOXY, BIKE SYMBOL, WHITE |

N

2

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PAVEMENT MARKING | SHEET 45 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm

PLOT DATE : 6/24/2026 3:51 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

MATCHLINE STA. 106+00

EP: 106+01.30

S. WHITNEY WAY

MATCHLINE 'A'

S. WHITNEY WAY

6"

5"

WD12

W6

WAB

WSB

DRIVEWAY

PAVEMENT MARKING LEGEND

| | |
|---|---|
| W4-5 | MARKING LINE EPOXY 4-INCH, 5' LINE, 5' GAP, WHITE |
| Y4-5 | MARKING LINE EPOXY 4-INCH, 5' LINE, 5' GAP, YELLOW |
| W6 | MARKING LINE EPOXY 6-INCH, WHITE |
| W6-2 | MARKING LINE EPOXY 6-INCH, 2' LINE, 6' GAP, WHITE |
| W6-5 | MARKING LINE EPOXY 6-INCH, 5' LINE, 5' GAP, WHITE |
| W6-10 | MARKING LINE EPOXY 6-INCH, 10' LINE, 30' GAP, WHITE |
| W8 | MARKING LINE EPOXY 8-INCH, WHITE |
| W8-2 | MARKING LINE EPOXY 8-INCH, 2' LINE, 6' GAP, WHITE |
| WD12 | MARKING DIAGONAL EPOXY 12-INCH, 50' C-C, WHITE |
| WCW18 | MARKING CROSSWALK EPOXY LADDER PATTERN 18-INCH, WHITE |
| WS24 | MARKING STOP LINE EPOXY 24-INCH, WHITE |
| YIN | MARKING ISLAND NOSE EPOXY, YELLOW |
| WA2 | MARKING ARROW EPOXY, TYPE 2, WHITE |
| WA3 | MARKING ARROW EPOXY, TYPE 3, WHITE |
| WAB | MARKING ARROW EPOXY, BIKE LANE, WHITE |
| WWO | MARKING WORD EPOXY, 'ONLY', WHITE |
| WSB | MARKING SYMBOL EPOXY, BIKE SYMBOL, WHITE |

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PAVEMENT MARKING | SHEET 46 | E |
|---|---|---|---|---|---|

2

2

N

ONLY

TOKAY BOULEVARD

S. WHITNEY WAY

MATCHLINE 'A'

S. WHITNEY WAY

6"

5"

WD12

W6

TOKAY BOULEVARD

PAVEMENT MARKING LEGEND

| | |
|---|---|
| W4-5 | MARKING LINE EPOXY 4-INCH, 5' LINE, 5' GAP, WHITE |
| Y4-5 | MARKING LINE EPOXY 4-INCH, 5' LINE, 5' GAP, YELLOW |
| W6 | MARKING LINE EPOXY 6-INCH, WHITE |
| W6-2 | MARKING LINE EPOXY 6-INCH, 2' LINE, 6' GAP, WHITE |
| W6-5 | MARKING LINE EPOXY 6-INCH, 5' LINE, 5' GAP, WHITE |
| W6-10 | MARKING LINE EPOXY 6-INCH, 10' LINE, 30' GAP, WHITE |
| W8 | MARKING LINE EPOXY 8-INCH, WHITE |
| W8-2 | MARKING LINE EPOXY 8-INCH, 2' LINE, 6' GAP, WHITE |
| WD12 | MARKING DIAGONAL EPOXY 12-INCH, 50' C-C, WHITE |
| WCW18 | MARKING CROSSWALK EPOXY LADDER PATTERN 18-INCH, WHITE |
| WS24 | MARKING STOP LINE EPOXY 24-INCH, WHITE |
| YIN | MARKING ISLAND NOSE EPOXY, YELLOW |
| WA2 | MARKING ARROW EPOXY, TYPE 2, WHITE |
| WA3 | MARKING ARROW EPOXY, TYPE 3, WHITE |
| WAB | MARKING ARROW EPOXY, BIKE LANE, WHITE |
| WWO | MARKING WORD EPOXY, 'ONLY', WHITE |
| WSB | MARKING SYMBOL EPOXY, BIKE SYMBOL, WHITE |

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PAVEMENT MARKING | SHEET 47 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024503-pm

PLOT DATE : 6/24/2026 3:51 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

MATCHLINE STA. 105+75

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

LANE CLOSED
R11-2L
48"X30"

S. WHITNEY WAY

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

SEE PEDESTRIAN DETOUR PLAN SHEETS FOR PEDESTRIAN ACCOMMODATIONS.

N

105+00

25' (TYP.)

15' (TYP.)

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

(OVERHEAD)

ONLY

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH (TYP.)

ROAD CLOSED
R11-2
48"X30"

LANE CLOSED
R11-2L
48"X30"

WO1-6
48"X24"

EXISTING R/W

MAINTAIN ACCESS TO BUS STOP AT ALL TIMES

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

EXISTING R/W

WO12-1L
48"X48"

TLE

PI: 104+31.80

25' (TYP.)

180' TAPER

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH (TYP.)

MATCHLINE 'A'

ODANA ROAD

104+00

11'

11'

11'

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE, 2' LINE, 6' GAP) (TYP.)

25' (TYP.)

ODANA ROAD

MATCHLINE 'B'

25' (TYP.)

PI: 103+36.48

EXISTING R/W

(OVERHEAD)

ONLY

COVERING SIGNS TYPE II

RIGHT LANE MUST TURN RIGHT
R3-7R
30"X30"

LANE CLOSED
R11-2L
48"X30"

TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE, 10' LINE, 30' GAP) (TYP.)

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 8-INCH

TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)

LANE CLOSED
R11-2L
48"X30"

WO12-1L
48"X48"

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 12-INCH TO COVER TYPE 2 ARROW

103+00

WO12-1D
48"X48"

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 12-INCH TO COVER WORD 'ONLY'

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE, 10' LINE, 30' GAP) (TYP.)

TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 8-INCH

S. WHITNEY WAY

MAINTAIN ACCESS TO BUS STOP AT ALL TIMES

MATCHLINE STA. 102+25

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 1: OFF PEAK (9AM TO 3:30PM, 6PM TO 7AM) | SHEET 48 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026001-S1 OFF PEAK.DWG
LAYOUT NAME - 026001-s1

PLOT DATE : 6/24/2026 3:23 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

MATCHLINE STA. 105+75

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH (TYP.)

25' (TYP.)

180' TAPER

S. WHITNEY WAY

EP: 106+01.30

106+00

INSTALL FOR 7 DAYS PRIOR TO CONSTRUCTION

MB

| FRAME 1 | FRAME 2 |
|---|---|
| ROAD WORK BEGINS | XXXXDAY XX/XX |

SEE PEDESTRIAN DETOUR PLAN SHEETS FOR PEDESTRIAN ACCOMMODATIONS.

SEE S.D.D "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY FOR ADDITIONAL INFORMATION.

W04-2R 48"X48"

RIGHT LANE CLOSED AHEAD
W20-5A 48"X48"

ROAD WORK AHEAD
W20-1A 48"X48"

200'

200'

S. WHITNEY WAY

MAINTAIN ACCESS TO BUS STOP AT ALL TIMES

END ROAD WORK
G20-2A 48"X24"

DRIVEWAY

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 1: OFF PEAK (9AM TO 3:30PM, 6PM TO 7AM) | SHEET 49 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026001-S1 OFF PEAK.DWG
LAYOUT NAME - 026003-s1

PLOT DATE : 6/24/2026 3:23 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

N

SEE PEDESTRIAN DETOUR PLAN SHEETS FOR PEDESTRIAN ACCOMMODATIONS.

MEDICAL CIRCLE

END ROAD WORK
G20-2A
48"X24"

TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE, 10' LINE, 30' GAP)

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 12-INCH TO COVER TYPE 2 ARROW

MAINTAIN ACCESS TO BUS STOP AT ALL TIMES

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH (TYP.)

BP: 100+00.00

S. WHITNEY WAY

INSTALL FOR 7 DAYS PRIOR TO CONSTRUCTION

| FRAME 1 | FRAME 2 |
|---|---|
| ROAD WORK BEGINS | XXXXDAY XX/XX |

MB

101+00

102+00

MATCHLINE STA. 102+25

200'

200'

S. WHITNEY WAY

25' (TYP.)

180' TAPER

ROAD WORK AHEAD
W20-1A
48"X48"

RIGHT LANE CLOSED AHEAD
W20-5A
48"X48"

W04-2R
48"X48"

SEE S.D.D "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY FOR ADDITIONAL INFORMATION.

(OVERHEAD)

ONLY — COVER WITH SIGN — R3-50A 30"X36"

ONLY — COVER WITH SIGN — R3-60R 30"X36"

COVERING SIGNS TYPE II

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 8-INCH

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 12-INCH TO COVER WORD 'ONLY'

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 1: OFF PEAK (9AM TO 3:30PM, 6PM TO 7AM) | SHEET 50 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026001-S1 OFF PEAK.DWG
LAYOUT NAME - 026002-s1

PLOT DATE : 6/24/2026 3:23 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

SEE PEDESTRIAN DETOUR PLAN SHEETS
FOR PEDESTRIAN ACCOMMODATIONS.

END
ROAD WORK
G20-2A
48"X24"

ODANA ROAD

MATCHLINE 'A'

25' (TYP.)

ROAD
WORK
AHEAD
W20-1A
48"X48"

ONLY
R3-8ER
36"X30"

MB

INSTALL FOR 7 DAYS PRIOR
TO CONSTRUCTION

| FRAME 1 | FRAME 2 |
|---|---|
| ROAD WORK BEGINS | XXXXDAY XX/XX |

MAINTAIN ACCESS TO DRIVEWAY
AT ALL TIMES

MAINTAIN ACCESS TO DRIVEWAY
AT ALL TIMES

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 1: OFF PEAK (9AM TO 3:30PM, 6PM TO 7AM) | SHEET 51 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026001-S1 OFF PEAK.DWG
LAYOUT NAME - 026004-s1

PLOT DATE : 6/24/2026 3:23 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

TEMPORARY MARKING REMOVABLE
MASK OUT TAPE 6-INCH

TEMPORARY MARKING LINE
REMOVABLE TAPE 6-INCH
(WHITE, 10' LINE, 30' GAP)

25' (TYP.)

180' TAPER

MATCHLINE 'B'

MAINTAIN ACCESS TO DRIVEWAY
AT ALL TIMES

ROAD
WORK
AHEAD

W20-1A
48"X48"

S. SEGOE ROAD

ODANA ROAD

MB

INSTALL FOR 7 DAYS PRIOR
TO CONSTRUCTION

| FRAME 1 | FRAME 2 |
|---|---|
| ROAD WORK BEGINS | XXXXDAY XX/XX |

SEE PEDESTRIAN DETOUR PLAN SHEETS
FOR PEDESTRIAN ACCOMMODATIONS.

END
ROAD WORK

G20-2A
48"X24"

ODANA LANE

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 1: OFF PEAK (9AM TO 3:30PM, 6PM TO 7AM) | SHEET 52 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026001-S1 OFF PEAK.DWG
LAYOUT NAME - 026005-s1

PLOT DATE : 6/24/2026 3:23 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

MATCHLINE STA. 105+75

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

LANE CLOSED
R11-2L
48"X30"

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

S. WHITNEY WAY

SEE PEDESTRIAN DETOUR PLAN SHEETS FOR PEDESTRIAN ACCOMMODATIONS.

N

105+00

25' (TYP.)

15' (TYP.)

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

(OVERHEAD)

ONLY

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH (TYP.)

ROAD CLOSED
R11-2
48"X30"

TLE

MAINTAIN ACCESS TO BUS STOP AT ALL TIMES

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

EXISTING R/W

WO12-1L
48"X48"

PI: 104+31.80

25' (TYP.)

EXISTING R/W

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH (TYP.)

104+00

11'

11'

MATCHLINE 'A'

ODANA ROAD

25' (TYP.)

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE, 2' LINE, 6' GAP) (TYP.)

25' (TYP.)

MATCHLINE 'B'

ODANA ROAD

EXISTING R/W

PI: 103+36.48

(OVERHEAD)

ONLY

COVERING SIGNS TYPE II

LANE CLOSED
R11-2L
48"X30"

RIGHT LANE MUST TURN RIGHT
R3-7R
30"X30"

TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)

LANE CLOSED
R11-2L
48"X30"

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 12-INCH TO COVER TYPE 2 ARROW

103+00

LANE CLOSED
R11-2L
48"X30"

WO12-1L
48"X48"

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE, 10' LINE, 30' GAP) (TYP.)

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 8-INCH

TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 12-INCH TO COVER WORD 'ONLY'

WO12-1D
48"X48"

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE, 10' LINE, 30' GAP) (TYP.)

TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)

S. WHITNEY WAY

MAINTAIN ACCESS TO BUS STOP AT ALL TIMES

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 8-INCH

MATCHLINE STA. 102+25

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 1: PEAK HOURS (7AM TO 9AM, 3:30PM TO 6PM) | SHEET 53 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026001-S1 PEAK HOUR.DWG
LAYOUT NAME - 026001-s1
PLOT DATE : 6/24/2026 3:28 PM
PLOT BY : JASON DOLENS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

MATCHLINE STA. 105+75

TEMPORARY MARKING REMOVABLE
MASK OUT TAPE 6-INCH (TYP.)

MAINTAIN ACCESS TO
DRIVEWAY AT ALL TIMES

TEMPORARY MARKING LINE REMOVABLE
TAPE 6-INCH (WHITE)

SEE PEDESTRIAN DETOUR PLAN SHEETS
FOR PEDESTRIAN ACCOMMODATIONS.

SEE S.D.D "TRAFFIC CONTROL, SINGLE LANE
CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY
FOR ADDITIONAL INFORMATION.

W04-2R
48"X48"

RIGHT LANE
CLOSED
AHEAD
W20-5A
48"X48"

ROAD
WORK
AHEAD
W20-1A
48"X48"

25' (TYP.)

180' TAPER

EP: 106+01.30

106+00

S. WHITNEY WAY

INSTALL FOR 7 DAYS PRIOR
TO CONSTRUCTION

MB

| FRAME 1 | FRAME 2 |
|---|---|
| ROAD WORK BEGINS | XXXXDAY XX/XX |

200'

200'

S. WHITNEY WAY

MAINTAIN ACCESS TO BUS
STOP AT ALL TIMES

END
ROAD WORK
G20-2A
48"X24"

DRIVEWAY

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 1: PEAK HOURS (7AM TO 9AM, 3:30PM TO 6PM) | SHEET 54 | E |
|---|---|---|---|---|---|

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

N

SEE PEDESTRIAN DETOUR PLAN SHEETS FOR PEDESTRIAN ACCOMMODATIONS.

MEDICAL CIRCLE

END ROAD WORK
G20-2A
48"X24"

TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE, 10' LINE, 30' GAP)

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 12-INCH TO COVER TYPE 2 ARROW

MAINTAIN ACCESS TO BUS STOP AT ALL TIMES

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH (TYP.)

BP: 100+00.00

S. WHITNEY WAY

INSTALL FOR 7 DAYS PRIOR TO CONSTRUCTION

| FRAME 1 | FRAME 2 |
|---|---|
| ROAD WORK BEGINS | XXXXDAY XX/XX |

MB

101+00

102+00

MATCHLINE STA. 102+25

200'

200'

S. WHITNEY WAY

25' (TYP.)

180' TAPER

ROAD WORK AHEAD
W20-1A
48"X48"

RIGHT LANE CLOSED AHEAD
W21-5A
48"X48"

W04-2R
48"X48"

SEE S.D.D "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY FOR ADDITIONAL INFORMATION.

(OVERHEAD)

ONLY — COVER WITH SIGN
R3-50A
30"X36"

ONLY — COVER WITH SIGN
R3-60R
30"X36"

COVERING SIGNS TYPE II

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 8-INCH

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 12-INCH TO COVER WORD 'ONLY'

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 1: PEAK HOURS (7AM TO 9AM, 3:30PM TO 6PM) | SHEET 55 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026001-S1 PEAK HOUR.DWG
LAYOUT NAME - 026002-s1

PLOT DATE : 6/24/2026 3:28 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

SEE PEDESTRIAN DETOUR PLAN SHEETS
FOR PEDESTRIAN ACCOMMODATIONS.

END
ROAD WORK
G20-2A
48"X24"

ODANA ROAD

MATCHLINE 'A'

25' (TYP.)

MB

INSTALL FOR 7 DAYS PRIOR
TO CONSTRUCTION

| FRAME 1 | FRAME 2 |
|---|---|
| ROAD WORK BEGINS | XXXXDAY XX/XX |

ROAD
WORK
AHEAD
W20-1A
48"X48"

ONLY
R3-8ER
36"X30"

MAINTAIN ACCESS TO DRIVEWAY
AT ALL TIMES

MAINTAIN ACCESS TO DRIVEWAY
AT ALL TIMES

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 1: PEAK HOURS (7AM TO 9AM, 3:30PM TO 6PM) | SHEET 56 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026001-S1 PEAK HOUR.DWG
LAYOUT NAME - 026004-s1
PLOT DATE : 6/24/2026 3:28 PM
PLOT BY : JASON DOLENS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

TEMPORARY MARKING REMOVABLE
MASK OUT TAPE 6-INCH

TEMPORARY MARKING LINE
REMOVABLE TAPE 6-INCH
(WHITE, 10' LINE, 30' GAP)

ROAD WORK AHEAD
W20-1A
48"X48"

S. SEGOE ROAD

25' (TYP.)

MAINTAIN ACCESS TO DRIVEWAY
AT ALL TIMES

ODANA ROAD

MATCHLINE 'B'

MB

INSTALL FOR 7 DAYS PRIOR
TO CONSTRUCTION

| FRAME 1 | FRAME 2 |
|---|---|
| ROAD WORK BEGINS | XXXXDAY XX/XX |

SEE PEDESTRIAN DETOUR PLAN SHEETS
FOR PEDESTRIAN ACCOMMODATIONS.

END
ROAD WORK
G20-2A
48"X24"

ODANA LANE

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 1: PEAK HOURS (7AM TO 9AM, 3:30PM TO 6PM) | SHEET 57 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026001-S1 PEAK HOUR.DWG
LAYOUT NAME - 026005-s1
PLOT DATE : 6/24/2026 3:28 PM
PLOT BY : JASON DOLENS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

MATCHLINE STA. 105+75

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

LANE CLOSED
R11-2L
48"X30"

S. WHITNEY WAY

25' (TYP.)

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

SEE PEDESTRIAN DETOUR PLAN SHEETS FOR PEDESTRIAN ACCOMMODATIONS.

TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)

105+00

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

TEMPORARY MARKING ARROW REMOVABLE TAPE (TYPE 2, WHITE)

WO12-1R
48"X48"

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH (TYP.)

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE, 10' LINE, 30' GAP) (TYP.)

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

(OVERHEAD)
ONLY
COVERING SIGNS TYPE II

MAINTAIN ACCESS TO BUS STOP AT ALL TIMES

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE, 10' LINE, 30' GAP) (TYP.)

TLE

PI: 104+31.80

EXISTING R/W

LANE CLOSED
R11-2L
48"X30"

EXISTING R/W

MATCHLINE 'A'

MATCHLINE 'B'

ODANA ROAD

10'

25' (TYP.)

104+00

25' (TYP.)

25' (TYP.)

ODANA ROAD

(OVERHEAD)
ONLY

EXISTING R/W

PI: 103+36.48

TLE

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH (TYP.)

103+00

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 8-INCH

TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)

25' (TYP.)

S. WHITNEY WAY

WO12-1D
48"X48"

MAINTAIN ACCESS TO BUS STOP AT ALL TIMES

MATCHLINE STA. 102+25

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 2: OFF PEAK (9AM TO 3:30PM, 6PM TO 7AM) | SHEET 58 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026101-S2 OFF PEAK.DWG
LAYOUT NAME - 026101-s2

PLOT DATE : 6/24/2026 3:11 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

MAINTAIN ACCESS TO
DRIVEWAY AT ALL TIMES

LEFT LANE
MUST
TURN LEFT
R3-7L
30"X30"

SEE PEDESTRIAN DETOUR PLAN SHEETS
FOR PEDESTRIAN ACCOMMODATIONS.

ONLY ONLY
R3-8LAF
54"X30"

ROAD
WORK
AHEAD
W20-1A
48"X48"

EP: 106+01.30

25' (TYP.)

S. WHITNEY WAY

MATCHLINE STA. 105+75

106+00

S. WHITNEY WAY

EOP

MAINTAIN ACCESS TO BUS
STOP AT ALL TIMES

LANE
CLOSED
R11-2L
48"X30"

END
ROAD WORK
G20-2A
48"X24"

TEMPORARY MARKING LINE REMOVABLE
TAPE 8-INCH (WHITE)

TEMPORARY MARKING ARROW REMOVABLE
TAPE (TYPE 2, WHITE)

DRIVEWAY

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 2: OFF PEAK (9AM TO 3:30PM, 6PM TO 7AM) | SHEET 59 | E |
|---|---|---|---|---|---|

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

N

SEE PEDESTRIAN DETOUR PLAN SHEETS FOR PEDESTRIAN ACCOMMODATIONS.

MEDICAL CIRCLE

END ROAD WORK
G20-2A
48"X24"

LANE CLOSED
R11-2L
48"X30"

MAINTAIN ACCESS TO BUS STOP AT ALL TIMES

BP: 100+00.00

S. WHITNEY WAY

25' (TYP.)

101+00

102+00

MATCHLINE STA. 102+25

200'

200'

25' (TYP.)

S. WHITNEY WAY

180' TAPER

25' (TYP.)

HQ

ROAD WORK AHEAD
W20-1A
48"X48"

RIGHT LANE CLOSED AHEAD
W20-5A
48"X48"

W04-2R
48"X48"

(OVERHEAD)

ONLY — COVERING SIGNS TYPE II

ONLY

ONLY — COVER WITH SIGN
R3-60R
30"X36"

COVERING SIGNS TYPE II

WO1-6
48"X24"

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

SEE S.D.D "TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY FOR ADDITIONAL INFORMATION.

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 2: OFF PEAK (9AM TO 3:30PM, 6PM TO 7AM) | SHEET 60 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026101-S2 OFF PEAK.DWG
LAYOUT NAME - 026102-s2

PLOT DATE : 6/24/2026 3:11 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

SEE PEDESTRIAN DETOUR PLAN SHEETS
FOR PEDESTRIAN ACCOMMODATIONS.

END
ROAD WORK
G20-2A
48"X24"

ODANA ROAD

25' (TYP.)

MATCHLINE 'A'

ROAD
WORK
AHEAD
W20-1A
48"X48"

MAINTAIN ACCESS TO DRIVEWAY
AT ALL TIMES

WO1-6
48"X24"

MAINTAIN ACCESS TO DRIVEWAY
AT ALL TIMES

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 2: OFF PEAK (9AM TO 3:30PM, 6PM TO 7AM) | SHEET 61 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026101-S2 OFF PEAK.DWG
LAYOUT NAME - 026104-s2
PLOT DATE : 6/24/2026 3:11 PM
PLOT BY : JASON DOLENS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

TEMPORARY MARKING REMOVABLE
MASK OUT TAPE 6-INCH

TEMPORARY MARKING LINE
REMOVABLE TAPE 6-INCH
(WHITE, 10' LINE, 30' GAP)

ROAD WORK AHEAD
W20-1A
48"X48"

S. SEGOE ROAD

MAINTAIN ACCESS TO DRIVEWAY
AT ALL TIMES

ODANA ROAD

MATCHLINE 'B'

SEE PEDESTRIAN DETOUR PLAN SHEETS
FOR PEDESTRIAN ACCOMMODATIONS.

END
ROAD WORK
G20-2A
48"X24"

ODANA LANE

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 2: OFF PEAK (9AM TO 3:30PM, 6PM TO 7AM) | SHEET 62 | E |
|---|---|---|---|---|---|

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

MATCHLINE STA. 105+75

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

LANE CLOSED
R11-2L
48"X30"

25' (TYP.)

S. WHITNEY WAY

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

SEE PEDESTRIAN DETOUR PLAN SHEETS FOR PEDESTRIAN ACCOMMODATIONS.

TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)

105+00

25' (TYP.)

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

TEMPORARY MARKING ARROW REMOVABLE TAPE (TYPE 2, WHITE)

WO12-1R
48"X48"

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH (TYP.)

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE, 10' LINE, 30' GAP) (TYP.)

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

(OVERHEAD)

ONLY

EXISTING R/W

MAINTAIN ACCESS TO BUS STOP AT ALL TIMES

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

EXISTING R/W

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE, 10' LINE, 30' GAP) (TYP.)

TLE

PI: 104+31.80

MATCHLINE 'A'

ODANA ROAD

10'

25' (TYP.)

104+00

10'

10'

25' (TYP.)

MATCHLINE 'B'

25' (TYP.)

ODANA ROAD

EXISTING R/W

(OVERHEAD)

ONLY

PI: 103+36.48

TLE

LANE CLOSED
R11-2L
48"X30"

25' (TYP.)

BEGIN LEFT TURN LANE
R3-20L
24"X36"

LANE CLOSED
R11-2L
48"X30"

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH (TYP.)

LANE CLOSED
R11-2L
48"X30"

103+00

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 8-INCH

TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)

S. WHITNEY WAY

25' (TYP.)

MAINTAIN ACCESS TO BUS STOP AT ALL TIMES

MATCHLINE STA. 102+25

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 2: PEAK HOURS (7AM TO 9AM, 3:30PM TO 6PM) | SHEET 63 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026101-S2 PEAK HOUR.DWG
LAYOUT NAME - 026101-s2

PLOT DATE : 6/24/2026 3:19 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

MAINTAIN ACCESS TO
DRIVEWAY AT ALL TIMES

LEFT LANE
MUST
TURN LEFT
R3-7L
30"X30"

SEE PEDESTRIAN DETOUR PLAN SHEETS
FOR PEDESTRIAN ACCOMMODATIONS.

ONLY ONLY
R3-8LAF
54"X30"

ROAD
WORK
AHEAD
W20-1A
48"X48"

EP: 106+01.30

25' (TYP.)

S. WHITNEY WAY

MATCHLINE STA. 105+75

106+00

S. WHITNEY WAY

MAINTAIN ACCESS TO BUS
STOP AT ALL TIMES

LANE
CLOSED
R11-2L
48"X30"

END
ROAD WORK
G20-2A
48"X24"

TEMPORARY MARKING LINE REMOVABLE
TAPE 8-INCH (WHITE)

TEMPORARY MARKING ARROW REMOVABLE
TAPE (TYPE 2, WHITE)

DRIVEWAY

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 2: PEAK HOURS (7AM TO 9AM, 3:30PM TO 6PM) | SHEET 64 | E |
|---|---|---|---|---|---|

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

N

SEE PEDESTRIAN DETOUR PLAN SHEETS FOR PEDESTRIAN ACCOMMODATIONS.

MEDICAL CIRCLE

END ROAD WORK
G20-2A
48"X24"

LANE CLOSED
R11-2L
48"X30"

MAINTAIN ACCESS TO BUS STOP AT ALL TIMES

BP: 100+00.00

S. WHITNEY WAY

25' (TYP.)

101+00

102+00

25' (TYP.)

S. WHITNEY WAY

MATCHLINE STA. 102+25

ROAD WORK AHEAD
W20-1A
48"X48"

(OVERHEAD)

ONLY ONLY ONLY

COVERING SIGNS TYPE II

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

HQ

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 2: PEAK HOURS (7AM TO 9AM, 3:30PM TO 6PM) | SHEET 65 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026101-S2 PEAK HOUR.DWG
LAYOUT NAME - 026102-s2

PLOT DATE : 6/24/2026 3:19 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

SEE PEDESTRIAN DETOUR PLAN SHEETS
FOR PEDESTRIAN ACCOMMODATIONS.

END
ROAD WORK
G20-2A
48"X24"

ODANA ROAD

MATCHLINE 'A'

25' (TYP.)

ROAD
WORK
AHEAD
W20-1A
48"X48"

MAINTAIN ACCESS TO DRIVEWAY
AT ALL TIMES

WO1-6
48"X24"

MAINTAIN ACCESS TO DRIVEWAY
AT ALL TIMES

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 2: PEAK HOURS (7AM TO 9AM, 3:30PM TO 6PM) | SHEET 66 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026101-S2 PEAK HOUR.DWG
LAYOUT NAME - 026104-s2

PLOT DATE : 6/24/2026 3:19 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

TEMPORARY MARKING REMOVABLE
MASK OUT TAPE 6-INCH

TEMPORARY MARKING LINE
REMOVABLE TAPE 6-INCH
(WHITE, 10' LINE, 30' GAP)

ROAD
WORK
AHEAD
W20-1A
48"X48"

S. SEGOE ROAD

MAINTAIN ACCESS TO DRIVEWAY
AT ALL TIMES

ODANA ROAD

MATCHLINE 'B'

SEE PEDESTRIAN DETOUR PLAN SHEETS
FOR PEDESTRIAN ACCOMMODATIONS.

END
ROAD WORK
G20-2A
48"X24"

ODANA LANE

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

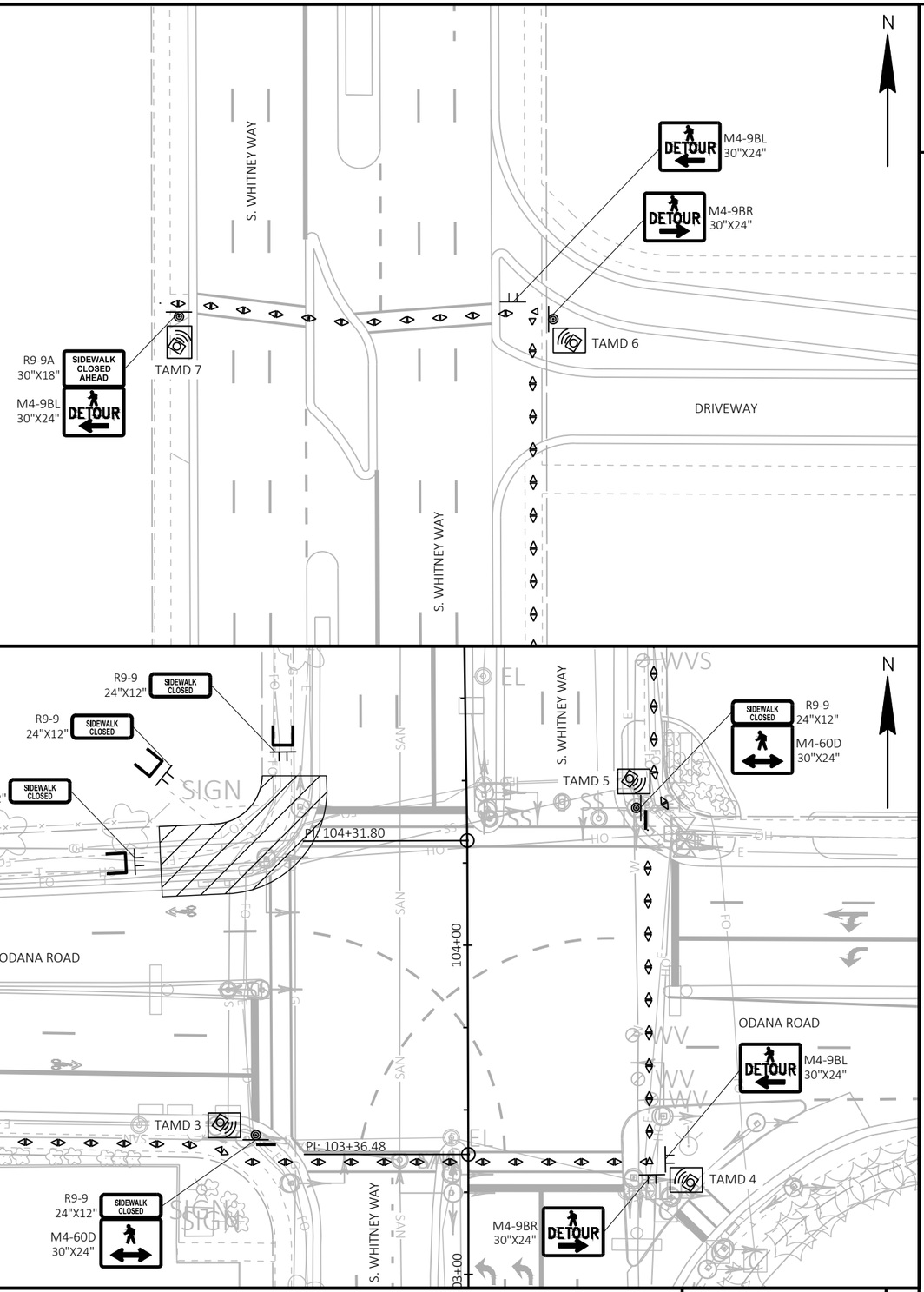
| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | TRAFFIC CONTROL - STAGE 2: PEAK HOURS (7AM TO 9AM, 3:30PM TO 6PM) | SHEET 67 | E |
|---|---|---|---|---|---|

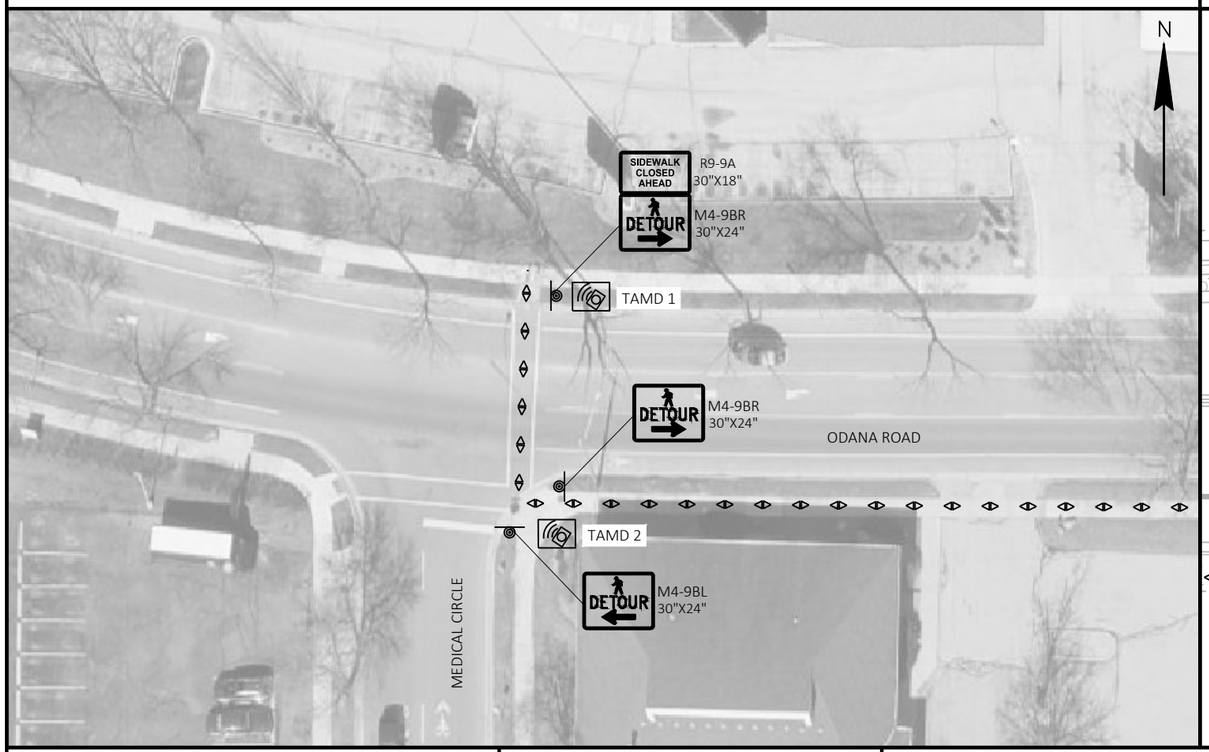
2

PEDESTRIAN DETOUR LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN DETOUR ROUTE
- TEMPORARY AUDIBLE MESSAGE DEVICES
- WORK AREA

NOTES:
1. ONLY ONE QUADRANT MAY BE UNDER CONSTRUCTION AT ONE TIME. MUST COMPLETE CURB RAMP WORK PRIOR TO STARTING CONFLICTING RAMPS. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL TRAFFIC CONTROL ITEMS.
2. SEE S.D.D. "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR ADDITIONAL INFORMATION.



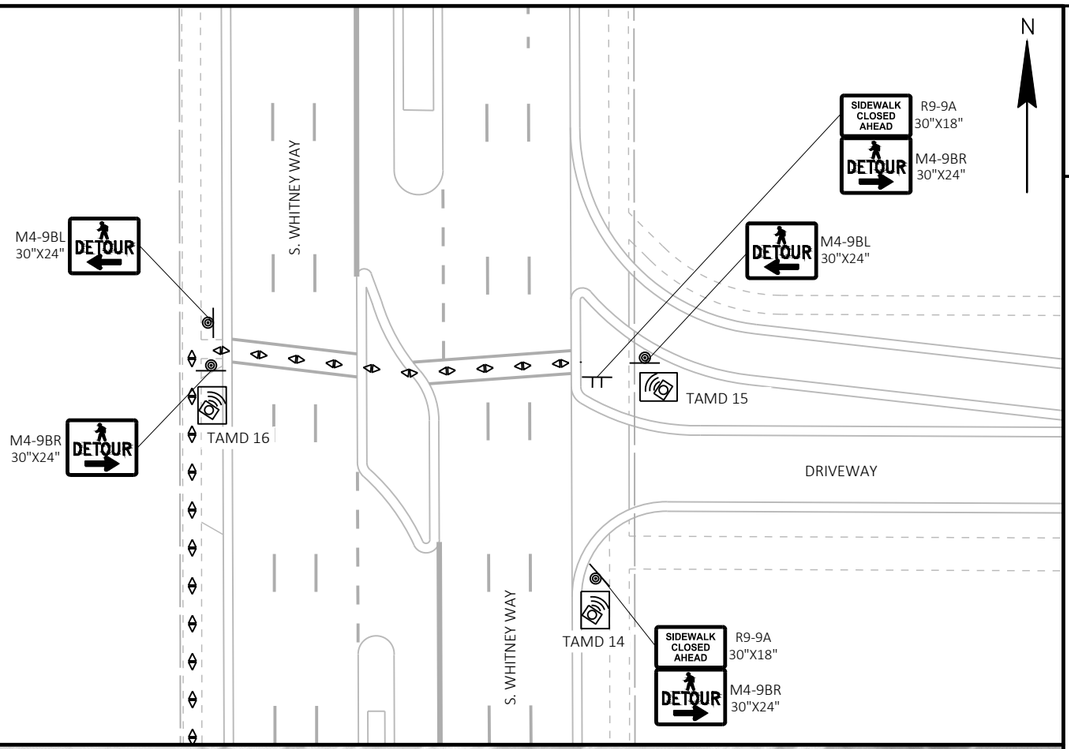

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PEDESTRIAN DETOUR - STAGE 1 (NORTHWEST CORNER) | SHEET 68 | E |
|---|---|---|---|---|---|

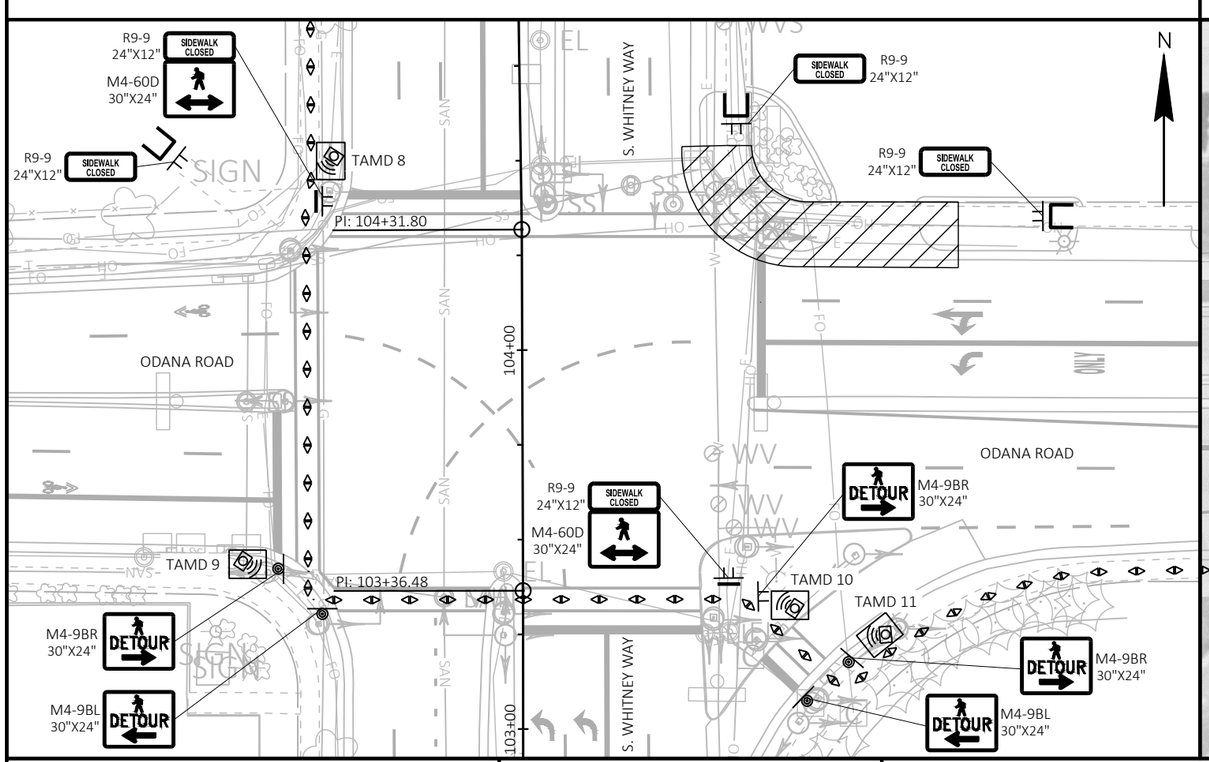
FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026201-PED NW.DWG
LAYOUT NAME - 026201-ped NW
PLOT DATE : 6/23/2026 8:00 AM
PLOT BY : JASON DOLENS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

PEDESTRIAN DETOUR LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN DETOUR ROUTE
- TEMPORARY AUDIBLE MESSAGE DEVICES
- WORK AREA

NOTES:
1. ONLY ONE QUADRANT MAY BE UNDER CONSTRUCTION AT ONE TIME. MUST COMPLETE CURB RAMP WORK PRIOR TO STARTING CONFLICTING RAMPS. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL TRAFFIC CONTROL ITEMS.
2. SEE S.D.D. "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR ADDITIONAL INFORMATION.







| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PEDESTRIAN DETOUR - STAGE 1 (NORTHEAST CORNER) | SHEET 69 E |
|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026203-PED NE.DWG
LAYOUT NAME - 026203-ped NE
PLOT DATE : 6/23/2026 8:01 AM
PLOT BY : JASON DOLENS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

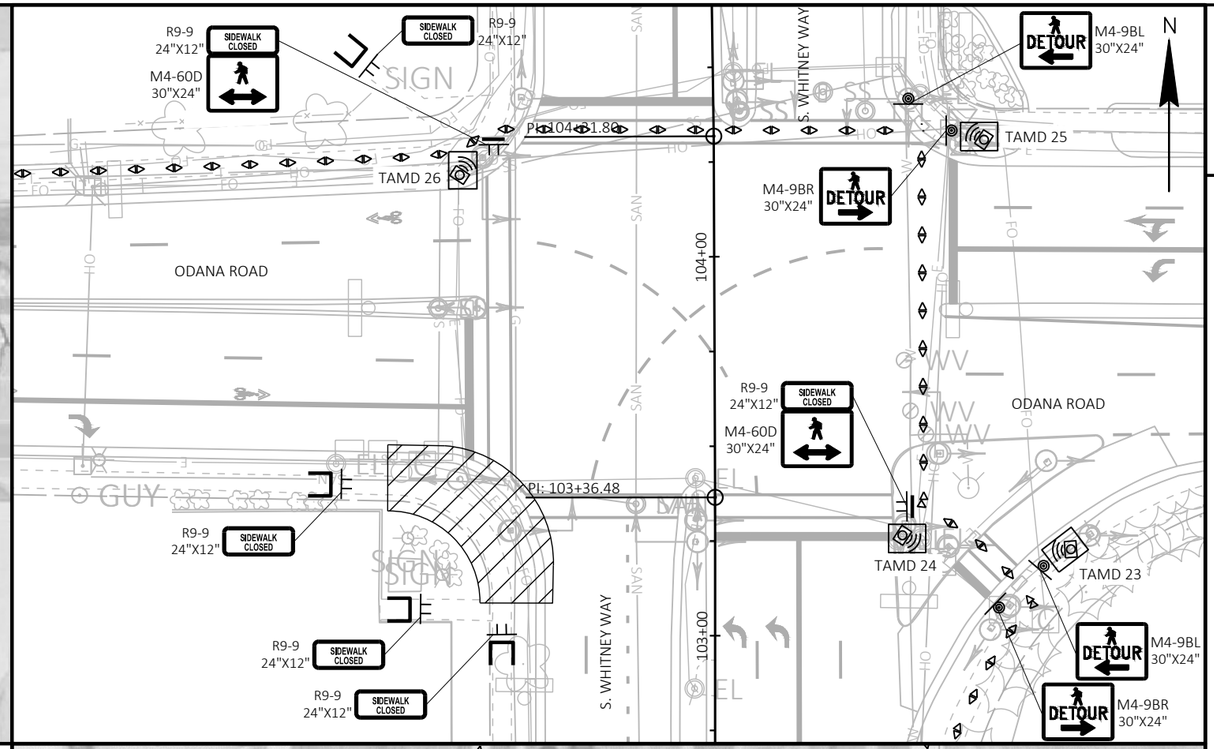
PEDESTRIAN DETOUR LEGEND

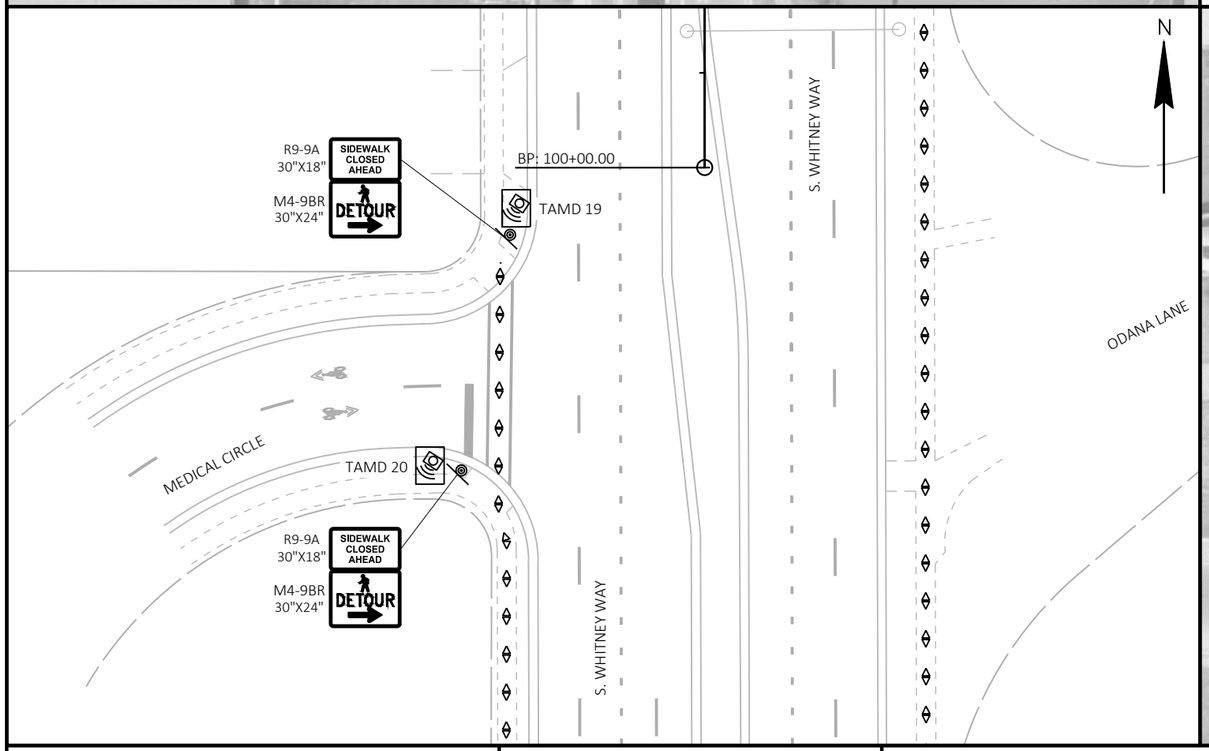
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN DETOUR ROUTE
- TEMPORARY AUDIBLE MESSAGE DEVICES
- WORK AREA

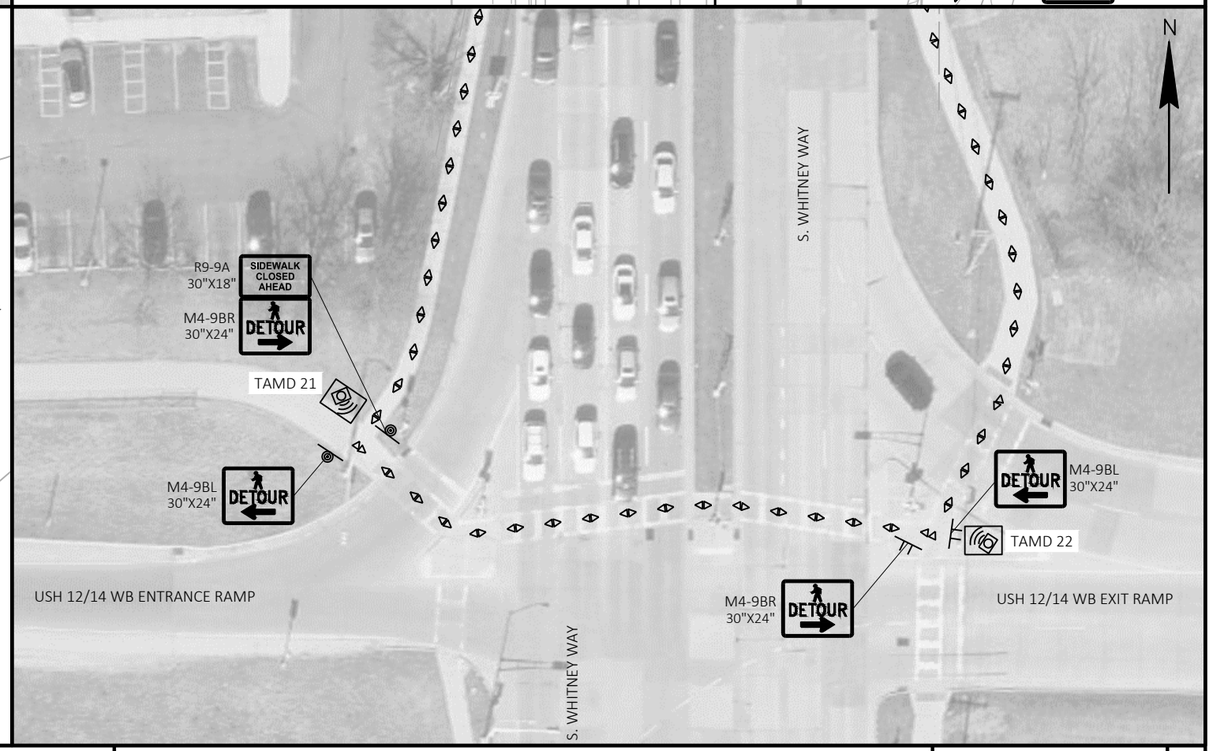
NOTES:

1. ONLY ONE QUADRANT MAY BE UNDER CONSTRUCTION AT ONE TIME. MUST COMPLETE CURB RAMP WORK PRIOR TO STARTING CONFLICTING RAMPS. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL TRAFFIC CONTROL ITEMS.
2. SEE S.D.D. "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR ADDITIONAL INFORMATION.




| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PEDESTRIAN DETOUR - STAGE 1 (SOUTHWEST CORNER) | SHEET 70 E |
|---|---|---|---|---|

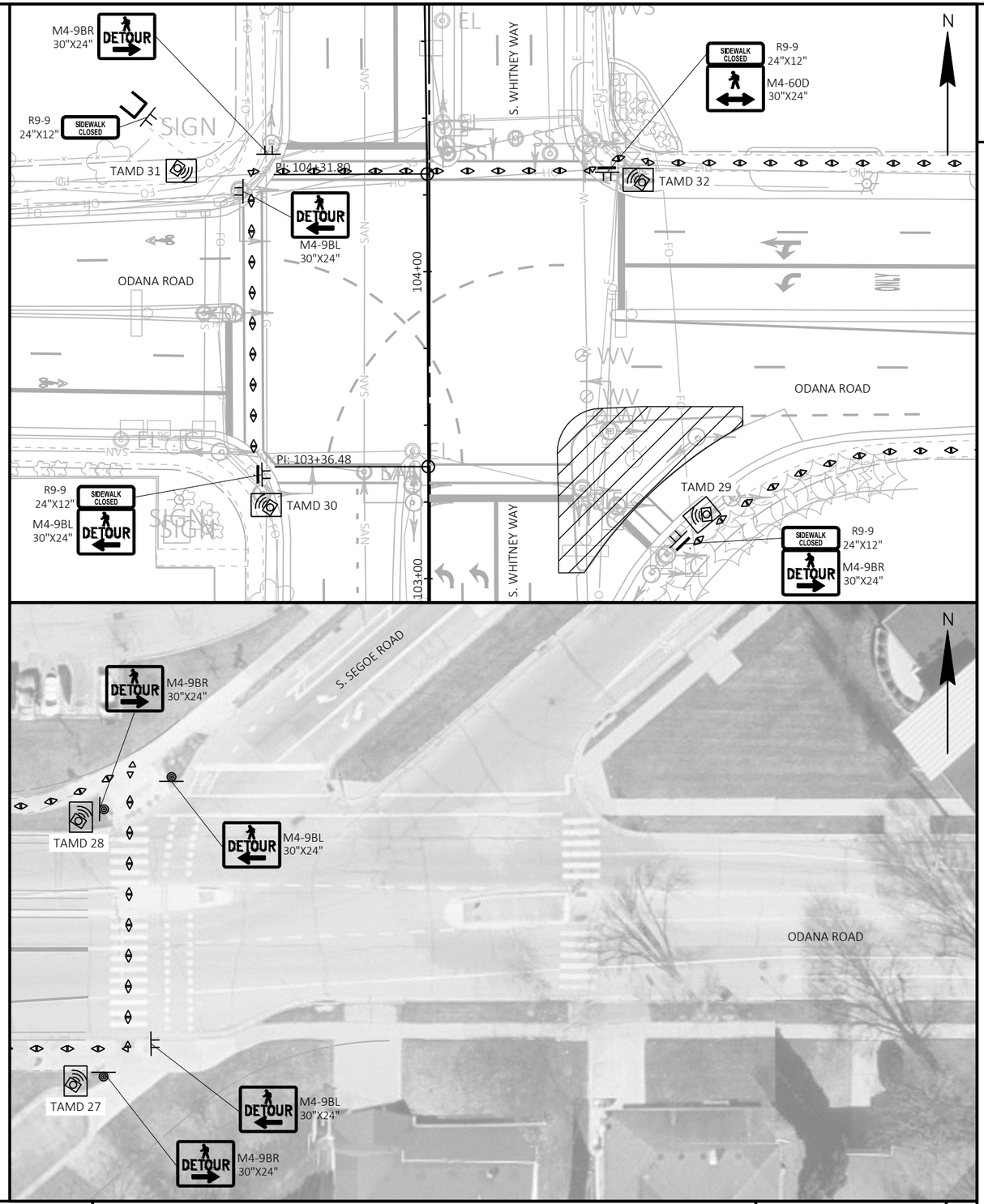
2

PEDESTRIAN DETOUR LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN DETOUR ROUTE
- TEMPORARY AUDIBLE MESSAGE DEVICES
- WORK AREA

NOTES:

1. ONLY ONE QUADRANT MAY BE UNDER CONSTRUCTION AT ONE TIME. MUST COMPLETE CURB RAMP WORK PRIOR TO STARTING CONFLICTING RAMPS. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL TRAFFIC CONTROL ITEMS.
2. SEE S.D.D. "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR ADDITIONAL INFORMATION.




| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PEDESTRIAN DETOUR - STAGE 1 (SOUTHEAST CORNER ISLAND) | SHEET 71 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026204-PED SE ISLAND.DWG
LAYOUT NAME - 026204-ped SE Island

PLOT DATE : 6/23/2026 8:03 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

TAMD 1:
YOU ARE LOCATED AT THE NORTHEAST CORNER OF ODANA ROAD AND MEDICAL CIRCLE.
THE SIDEWALK IS CLOSED AHEAD FOR PEDESTRIANS AT THE NORTHWEST CORNER OF
ODANA ROAD AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST ON ODANA ROAD
SHOULD TRAVEL SOUTH ACROSS ODANA ROAD AND FOLLOW THE DETOUR TRAVELING ON
THE SOUTH SIDE OF ODANA ROAD AND THE EAST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS
TRAVELING WEST ON ODANA ROAD CAN CONTINUE TRAVELING WEST ON ODANA ROAD.

TAMD 2:
YOU ARE LOCATED AT THE SOUTHEAST CORNER OF ODANA ROAD AND MEDICAL CIRCLE.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE NORTHWEST CORNER OF
ODANA ROAD AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST ON ODANA ROAD
SHOULD CONTINUE TRAVELING EAST AND FOLLOW THE DETOUR TRAVELING ON THE SOUTH
SIDE OF ODANA ROAD AND THE EAST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING
WEST ON ODANA ROAD CAN CONTINUE TRAVELING WEST OR TRAVEL NORTH ACROSS ODANA ROAD.

TAMD 3:
YOU ARE LOCATED AT THE SOUTHWEST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING NORTH ACROSS ODANA ROAD ON THE WEST
SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS SHOULD FOLLOW THE DETOUR TRAVELING EAST ON THE
SOUTH SIDE OF ODANA ROAD AND THE EAST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING
EAST OR WEST ON ODANA ROAD CAN CONTINUE TRAVELING EAST OR WEST ON ODANA ROAD.

TAMD 4:
YOU ARE LOCATED AT THE SOUTHEAST CORNER ISLAND OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE NORTHWEST CORNER OF ODANA ROAD
AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING NORTH ON SOUTH WHITNEY WAY CAN CONTINUE
TRAVELING NORTH ON THE EAST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING SOUTH ON
SOUTH WHITNEY WAY CAN CONTINUE TRAVELING SOUTH ON SOUTH WHITNEY WAY OR TRAVEL WEST ON
ODANA ROAD AND FOLLOW THE DETOUR TRAVELING ON THE SOUTH SIDE OF ODANA ROAD. PEDESTRIANS
TRAVELING EAST OR WEST ON ODANA ROAD CAN CONTINUE TRAVELING EAST OR WEST ON ODANA ROAD.

TAMD 5:
YOU ARE LOCATED AT THE NORTHEAST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED AHEAD FOR PEDESTRIANS TRAVELING WEST ACROSS THE NORTH SIDE OF
SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING WEST ON ODANA ROAD SHOULD FOLLOW THE
DETOUR TRAVELING SOUTH ON THE EAST SIDE OF SOUTH WHITNEY WAY AND THEN ALONG THE
SOUTH SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY
WAY CAN CONTINUE TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY.

TAMD 6:
YOU ARE LOCATED ON THE EAST SIDE OF SOUTH WHITNEY WAY NORTH OF THE ODANA ROAD
INTERSECTION. THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE NORTHWEST CORNER OF
ODANA ROAD AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING SOUTH ON SOUTH WHITNEY WAY
SHOULD CONTINUE TRAVELING SOUTH ON THE EAST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS
TRAVELING NORTH ON SOUTH WHITNEY WAY CAN CONTINUE TRAVELING NORTH ON
THE EAST SIDE OF SOUTH WHITNEY WAY OR TRAVEL WEST ACROSS SOUTH WHITNEY WAY AND TRAVEL
NORTH ON THE WEST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS TRYING TO TRAVEL WEST
ON ODANA ROAD SHOULD TRAVEL SOUTH ON THE EAST SIDE OF SOUTH WHITNEY WAY AND FOLLOW
THE DETOUR ON THE SOUTH SIDE OF ODANA ROAD.

TAMD 7:
YOU ARE LOCATED ON THE WEST SIDE OF SOUTH WHITNEY WAY NORTH OF THE ODANA ROAD
INTERSECTION. THE SIDEWALK IS CLOSED AHEAD FOR PEDESTRIANS AT THE NORTHWEST CORNER OF
ODANA ROAD AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING SOUTH ON SOUTH WHITNEY WAY
SHOULD FOLLOW THE DETOUR EAST ACROSS SOUTH WHITNEY WAY AND THEN SOUTH ALONG THE EAST
SIDE OF SOUTH WHITNEY WAY TO THE SOUTH SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING
NORTH ON SOUTH WHITNEY WAY CAN CONTINUE TRAVELING NORTH ON SOUTH WHITNEY WAY.

TAMD 8:
YOU ARE LOCATED AT THE NORTHWEST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING EAST ACROSS THE NORTH SIDE OF
SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST SHOULD FOLLOW THE DETOUR TRAVELING
SOUTH ON THE WEST SIDE OF SOUTH WHITNEY WAY AND THEN EAST ALONG THE SOUTH SIDE OF
ODANA ROAD. PEDESTRIANS TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY CAN CONTINUE
TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY.

TAMD 9:
YOU ARE LOCATED AT THE SOUTHWEST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED AHEAD FOR PEDESTRIANS AT THE NORTHEAST CORNER OF ODANA ROAD
AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING WEST SHOULD CONTINUE TRAVELING WEST ALONG
THE SOUTH SIDE OF ODANA ROAD OR TRAVEL NORTH ACROSS THE WEST SIDE OF SOUTH WHITNEY WAY.
PEDESTRIANS TRAVELING EAST SHOULD FOLLOW THE DETOUR TRAVELING EAST ON THE SOUTH SIDE OF
ODANA ROAD AND THE WEST SIDE OF SOUTH SEGOE ROAD. PEDESTRIANS TRAVELING NORTH OR SOUTH
ON SOUTH WHITNEY WAY CAN CONTINUE TRAVELING NORTH OR SOUTH ON THE WEST SIDE OF SOUTH
WHITNEY WAY.

TAMD 10:
YOU ARE LOCATED AT THE SOUTHEAST CORNER ISLAND OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE NORTHEAST CORNER OF ODANA ROAD
AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING NORTH ON SOUTH WHITNEY WAY SHOULD TRAVEL
WEST ACROSS THE SOUTH SIDE OF ODANA ROAD AND FOLLOW THE DETOUR NORTH ON THE WEST SIDE
SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST OR WEST ON ODANA ROAD CAN CONTINUE TRAVELING
EAST OR WEST ON ODANA ROAD. PEDESTRIANS TRAVELING SOUTH ON SOUTH WHITNEY WAY CAN
CONTINUE TRAVELING SOUTH ON SOUTH WHITNEY WAY.

TAMD 11:
YOU ARE LOCATED AT THE SOUTHEAST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE NORTHEAST CORNER OF ODANA ROAD AND
SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING NORTH ON SOUTH WHITNEY WAY SHOULD TRAVEL
NORTH ACROSS THE SOUTH WHITNEY WAY NORTHBOUND RIGHT TURN LANE TO THE ISLAND AND
THEN TRAVEL WEST ACROSS THE SOUTH SIDE OF ODANA ROAD AND FOLLOW THE DETOUR NORTH ON
THE WEST SIDE SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST OR WEST ON ODANA ROAD CAN
CONTINUE TRAVELING EAST OR WEST ON ODANA ROAD. PEDESTRIANS TRAVELING SOUTH ON SOUTH
WHITNEY WAY CAN CONTINUE TRAVELING SOUTH ON SOUTH WHITNEY WAY.

TAMD 12:
YOU ARE LOCATED AT THE SOUTHWEST CORNER OF ODANA ROAD AND SOUTH SEGOE ROAD.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE NORTHEAST CORNER OF ODANA ROAD AND
SOUTH WHITNEY WAY. PEDESTRIANS INTENDING ON TRAVELING NORTH ON SOUTH WHITNEY WAY
SHOULD FOLLOW THE DETOUR ON THE SOUTH SIDE OF ODANA ROAD AND THEN TRAVEL NORTH ON
THE WEST SIDE SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST OR WEST ON ODANA ROAD
CAN CONTINUE TRAVELING EAST OR WEST ON ODANA ROAD.

TAMD 13:
YOU ARE LOCATED AT THE NORTHWEST CORNER OF ODANA ROAD AND SOUTH SEGOE ROAD.
THE SIDEWALK IS CLOSED AHEAD FOR PEDESTRIANS AT THE NORTHEAST CORNER OF ODANA ROAD AND
SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING WEST ON ODANA ROAD SHOULD FOLLOW THE DETOUR
TRAVELING SOUTH ACROSS ODANA ROAD AND THEN ALONG THE SOUTH SIDE OF ODANA ROAD.
PEDESTRIANS TRAVELING NORTH OR SOUTH ON SOUTH SEGOE ROAD CAN CONTINUE TRAVELING NORTH
OR SOUTH ON SOUTH SEGOE ROAD.

TAMD 14:
YOU ARE LOCATED ON THE EAST SIDE OF SOUTH WHITNEY WAY NORTH OF THE ODANA ROAD
INTERSECTION. THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE NORTHEAST CORNER OF
ODANA ROAD AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING SOUTH ON SOUTH WHITNEY WAY
SHOULD TRAVEL NORTH ON THE EAST SIDE OF SOUTH WHITNEY WAY AND THEN FOLLOW THE DETOUR
AND TRAVEL WEST ACROSS SOUTH WHITNEY WAY. PEDESTRIANS SHOULD THEN FOLLOW THE DETOUR
SOUTH ON THE WEST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING NORTH ON SOUTH WHITNEY
WAY CAN CONTINUE TRAVELING NORTH ON THE EAST SIDE OF SOUTH WHITNEY WAY OR TRAVEL WEST
ACROSS SOUTH WHITNEY WAY AND TRAVEL NORTH ON THE WEST SIDE OF SOUTH WHITNEY WAY.

TAMD 15:
YOU ARE LOCATED ON THE EAST SIDE OF SOUTH WHITNEY WAY NORTH OF THE ODANA ROAD
INTERSECTION. THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE NORTHEAST CORNER OF
ODANA ROAD AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING SOUTH ON SOUTH WHITNEY WAY
SHOULD FOLLOW THE DETOUR WEST ACROSS SOUTH WHITNEY WAY AND THEN SOUTH ON THE WEST
SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING NORTH ON SOUTH WHITNEY WAY CAN CONTINUE
TRAVELING NORTH ON THE EAST SIDE OF SOUTH WHITNEY WAY OR TRAVEL WEST ACROSS SOUTH WHITNEY
WAY AND TRAVEL NORTH ON THE WEST SIDE OF SOUTH WHITNEY WAY.

TAMD 16:
YOU ARE LOCATED ON THE WEST SIDE OF SOUTH WHITNEY WAY NORTH OF THE ODANA ROAD
INTERSECTION. THE SIDEWALK IS CLOSED AHEAD FOR PEDESTRIANS AT THE NORTHEAST CORNER OF
ODANA ROAD AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING SOUTH ON SOUTH WHITNEY WAY
SHOULD CONTINUE TRAVELING SOUTH ON THE WEST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS
TRAVELING NORTH ON SOUTH WHITNEY WAY CAN CONTINUE TRAVELING NORTH ON THE WEST SIDE
OF SOUTH WHITNEY WAY OR FOLLOW THE DETOUR EAST ACROSS SOUTH WHITNEY WAY AND TRAVEL
NORTH ON THE EAST SIDE OF SOUTH WHITNEY WAY.

TAMD 17:
YOU ARE LOCATED AT THE NORTHEAST CORNER OF ODANA ROAD AND MEDICAL CIRCLE.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE SOUTHWEST CORNER OF ODANA ROAD AND
SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST ON ODANA ROAD CAN CONTINUE TRAVELING
EAST ON THE NORTH SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING WEST ON ODANA ROAD CAN
CONTINUE TRAVELING WEST ON ODANA ROAD.

TAMD 18:
YOU ARE LOCATED AT THE SOUTHEAST CORNER OF ODANA ROAD AND MEDICAL CIRCLE.
THE SIDEWALK IS CLOSED AHEAD FOR PEDESTRIANS AT THE SOUTHWEST CORNER OF ODANA ROAD
AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST ON ODANA ROAD SHOULD TRAVEL NORTH
ACROSS ODANA ROAD AND FOLLOW THE DETOUR EAST TRAVELING ON THE NORTH SIDE OF ODANA ROAD
AND THE EAST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING WEST ON ODANA ROAD CAN
CONTINUE TRAVELING WEST ON ODANA ROAD OR TRAVEL NORTH ACROSS ODANA ROAD.

TAMD 19:
YOU ARE LOCATED AT THE NORTHWEST CORNER OF SOUTH WHITNEY WAY AND MEDICAL CIRCLE.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE SOUTHWEST CORNER OF ODANA ROAD AND
SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING NORTH ON SOUTH WHITNEY WAY SHOULD FOLLOW
THE DETOUR SOUTH ON THE WEST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING SOUTH
ON SOUTH WHITNEY WAY CAN CONTINUE TRAVELING SOUTH ON SOUTH WHITNEY WAY.

TAMD 20:
YOU ARE LOCATED AT THE SOUTHWEST CORNER OF SOUTH WHITNEY WAY AND MEDICAL CIRCLE.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE SOUTHWEST CORNER OF ODANA ROAD AND
SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING NORTH ON SOUTH WHITNEY WAY SHOULD FOLLOW
THE DETOUR SOUTH ON THE WEST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING SOUTH
ON SOUTH WHITNEY WAY CAN CONTINUE TRAVELING SOUTH ON SOUTH WHITNEY WAY.

TAMD 21:
YOU ARE LOCATED AT THE NORTHWEST CORNER OF SOUTH WHITNEY WAY AND THE USH 12 & 14
WESTBOUND ENTRANCE RAMP. THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE SOUTHWEST CORNER
OF ODANA ROAD AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING SOUTH ON SOUTH WHITNEY WAY
SHOULD FOLLOW THE DETOUR EAST ACROSS SOUTH WHITNEY WAY AND THEN NORTH ON THE EAST SIDE
OF SOUTH WHITNEY WAY.

TAMD 22:
YOU ARE LOCATED AT THE NORTHEAST CORNER ISLAND OF SOUTH WHITNEY WAY AND THE USH 12 & 14
WESTBOUND EXIT RAMP. THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE SOUTHWEST CORNER
OF ODANA ROAD AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING NORTH ON SOUTH WHITNEY WAY
SHOULD FOLLOW THE DETOUR NORTH ON THE EAST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS
TRAVELING SOUTH ON SOUTH WHITNEY SHOULD FOLLOW THE DETOUR WEST ACROSS SOUTH WHITNEY
WAY.

TAMD 23:
YOU ARE LOCATED AT THE SOUTHEAST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE SOUTHWEST CORNER OF ODANA ROAD AND
SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING NORTH ON SOUTH WHITNEY WAY SHOULD TRAVEL
NORTH ACROSS THE SOUTH WHITNEY WAY NORTHBOUND RIGHT TURN LANE TO THE ISLAND AND
THEN TRAVEL NORTH ACROSS THE EAST SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING NORTH OR
SOUTH ON SOUTH WHITNEY WAY CAN CONTINUE TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY.

TAMD 24:
YOU ARE LOCATED AT THE SOUTHEAST CORNER ISLAND OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED AHEAD FOR PEDESTRIANS AT THE SOUTHWEST CORNER OF ODANA ROAD
AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING WEST ON ODANA ROAD SHOULD FOLLOW THE
DETOUR NORTH ACROSS THE EAST SIDE OF ODANA ROAD AND THEN WEST ON THE NORTH SIDE OF
ODANA ROAD. PEDESTRIANS TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY CAN CONTINUE
TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY.

TAMD 25:
YOU ARE LOCATED AT THE NORTHEAST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE SOUTHWEST CORNER OF ODANA ROAD AND
SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST ON ODANA ROAD SHOULD CONTINUE
TRAVELING EAST ON THE NORTH SIDE OF ODANA ROAD OR TRAVEL SOUTH ACROSS THE EAST SIDE OF
SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING WEST ON ODANA ROAD SHOULD CONTINUE TRAVELING
WEST ON THE NORTH SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING NORTH OR SOUTH ON SOUTH
WHITNEY WAY CAN CONTINUE TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY.

TAMD 26:
YOU ARE LOCATED AT THE NORTHWEST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE SOUTHWEST CORNER OF ODANA ROAD AND
SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST OR WEST ON ODANA ROAD SHOULD CONTINUE
TRAVELING EAST OR WEST ON THE NORTH SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING SOUTH
ON SOUTH WHITNEY WAY SHOULD FOLLOW THE DETOUR AND TRAVEL EAST ACROSS SOUTH WHITNEY
WAY AND THEN TRAVEL SOUTH ACROSS THE EAST SIDE OF SOUTH WHITNEY WAY.

TAMD 27:
YOU ARE LOCATED AT THE SOUTHWEST CORNER OF ODANA ROAD AND SOUTH SEGOE ROAD.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE SOUTHEAST CORNER ISLAND OF ODANA ROAD AND
SOUTH WHITNEY WAY. PEDESTRIANS INTENDING ON TRAVELING NORTH ON SOUTH WHITNEY WAY
SHOULD FOLLOW THE DETOUR NORTH ACROSS ODANA ROAD AND THEN WEST ON THE NORTH SIDE OF
ODANA ROAD. PEDESTRIANS INTENDING ON TRAVELING WEST ON ODANA ROAD AND CROSSING
SOUTH WHITNEY WAY SHOULD FOLLOW THE DETOUR NORTH ACROSS ODANA ROAD AND THEN WEST ON
THE NORTH SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING EAST ON ODANA ROAD CAN CONTINUE
TRAVELING EAST ON ODANA ROAD.

TAMD 28:
YOU ARE LOCATED AT THE NORTHWEST CORNER OF ODANA ROAD AND SOUTH SEGOE ROAD.
THE SIDEWALK IS CLOSED AHEAD FOR PEDESTRIANS AT THE SOUTHEAST CORNER ISLAND OF ODANA ROAD
AND SOUTH WHITNEY WAY. PEDESTRIANS INTENDING ON TRAVELING NORTH ON SOUTH WHITNEY WAY
SHOULD FOLLOW THE DETOUR WEST ON THE NORTH SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING
EAST OR WEST ON ODANA ROAD CAN CONTINUE TRAVELING EAST OR WEST ON ODANA ROAD. PEDESTRIANS
TRAVELING NORTH OR SOUTH ON SOUTH SEGOE ROAD CAN CONTINUE TRAVELING NORTH OR SOUTH ON
SOUTH SEGOE ROAD.

2

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PEDESTRIAN DETOUR - STAGE 1 TEMPORARY AUDIBLE MESSAGE DEVICE MESSAGES | SHEET 72 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026201-PED NW.DWG
LAYOUT NAME - Stage 1 Temp Audible Messages
PLOT DATE : 6/23/2026 8:04 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

TAMD 29:
YOU ARE LOCATED AT THE SOUTHEAST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED AHEAD FOR PEDESTRIANS AT THE SOUTHEAST CORNER ISLAND OF ODANA ROAD AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING NORTH ON SOUTH WHITNEY WAY OR WEST ON ODANA ROAD SHOULD FOLLOW THE DETOUR EAST ON THE SOUTH SIDE OF ODANA ROAD AND THEN TRAVEL NORTH AT SOUTH SEGOE ROAD ACROSS ODANA ROAD.

TAMD 30:
YOU ARE LOCATED AT THE SOUTHWEST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING EAST ACROSS THE SOUTH SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST ON ODANA ROAD SHOULD FOLLOW THE DETOUR TRAVELING NORTH ACROSS THE WEST SIDE OF SOUTH WHITNEY WAY AND THEN EAST ALONG THE NORTH SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY CAN CONTINUE TRAVELING NORTH OR SOUTH ON THE WEST SIDE OF SOUTH WHITNEY WAY.

TAMD 31:
YOU ARE LOCATED AT THE NORTHWEST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE SOUTHEAST CORNER ISLAND OF ODANA ROAD AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST OR WEST ON ODANA ROAD CAN CONTINUE TRAVELING EAST OR WEST ON THE NORTH SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY CAN CONTINUE TRAVELING NORTH OR SOUTH ON THE WEST SIDE OF SOUTH WHITNEY WAY.

TAMD 32:
YOU ARE LOCATED AT THE NORTHEAST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE SOUTHEAST CORNER ISLAND OF ODANA ROAD AND SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING SOUTH ON SOUTH WHITNEY WAY SHOULD FOLLOW THE DETOUR WEST ACROSS SOUTH WHITNEY WAY AND THEN SOUTH ACROSS THE WEST SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING EAST OR WEST ON ODANA ROAD CAN CONTINUE TRAVELING EAST OR OR WEST ON THE NORTH SIDE OF ODANA ROAD.

2

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PEDESTRIAN DETOUR - STAGE 1 TEMPORARY AUDIBLE MESSAGE DEVICE MESSAGES | SHEET 73 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026201-PED NW.DWG
LAYOUT NAME - Stage 1 Temp Audible Messages 2
PLOT DATE : 6/23/2026 8:04 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

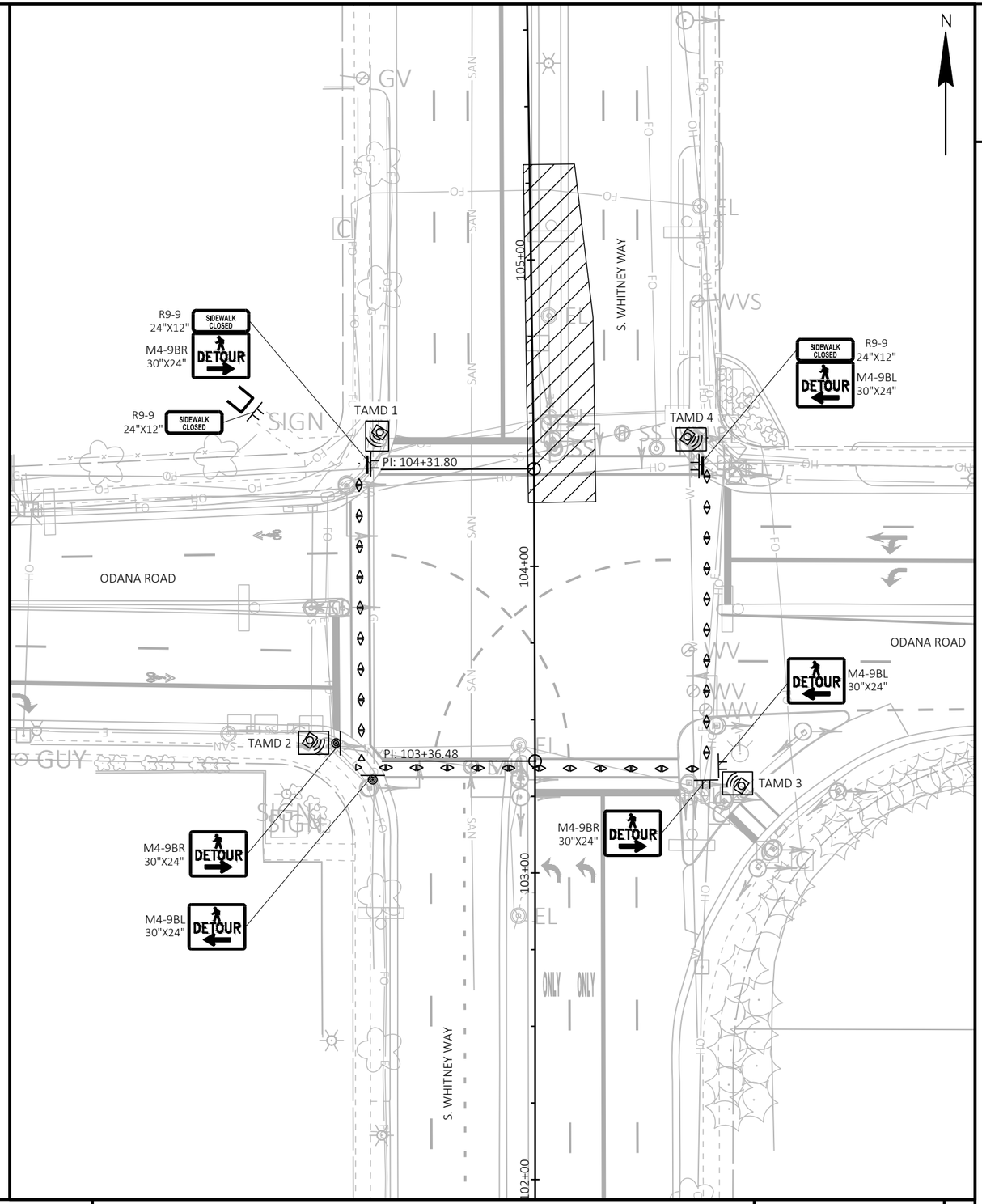
2

PEDESTRIAN DETOUR LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN DETOUR ROUTE
- TEMPORARY AUDIBLE MESSAGE DEVICES
- WORK AREA

NOTES:

1. ONLY ONE QUADRANT MAY BE UNDER CONSTRUCTION AT ONE TIME. MUST COMPLETE CURB RAMP WORK PRIOR TO STARTING CONFLICTING RAMPS. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL TRAFFIC CONTROL ITEMS.
2. SEE S.D.D. "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR ADDITIONAL INFORMATION.




| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PEDESTRIAN DETOUR - STAGE 2 (NORTH MEDIAN) | SHEET 74 | E |
|---|---|---|---|---|---|

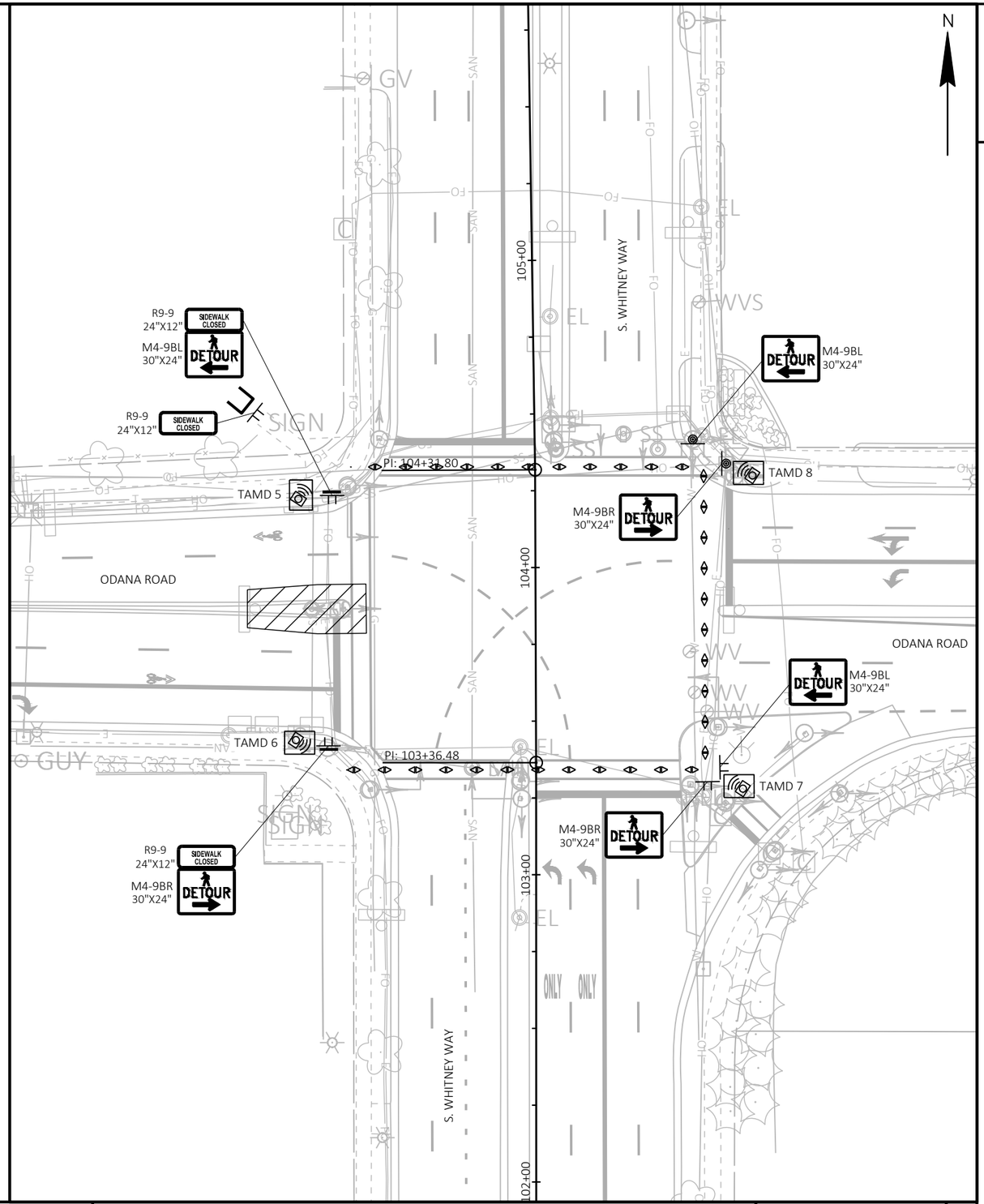
2

PEDESTRIAN DETOUR LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN DETOUR ROUTE
- TEMPORARY AUDIBLE MESSAGE DEVICES
- WORK AREA

NOTES:

1. ONLY ONE QUADRANT MAY BE UNDER CONSTRUCTION AT ONE TIME. MUST COMPLETE CURB RAMP WORK PRIOR TO STARTING CONFLICTING RAMPS. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL TRAFFIC CONTROL ITEMS.
2. SEE S.D.D. "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR ADDITIONAL INFORMATION.




| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PEDESTRIAN DETOUR - STAGE 2 (WEST MEDIAN) | SHEET 75 | E |
|---|---|---|---|---|---|

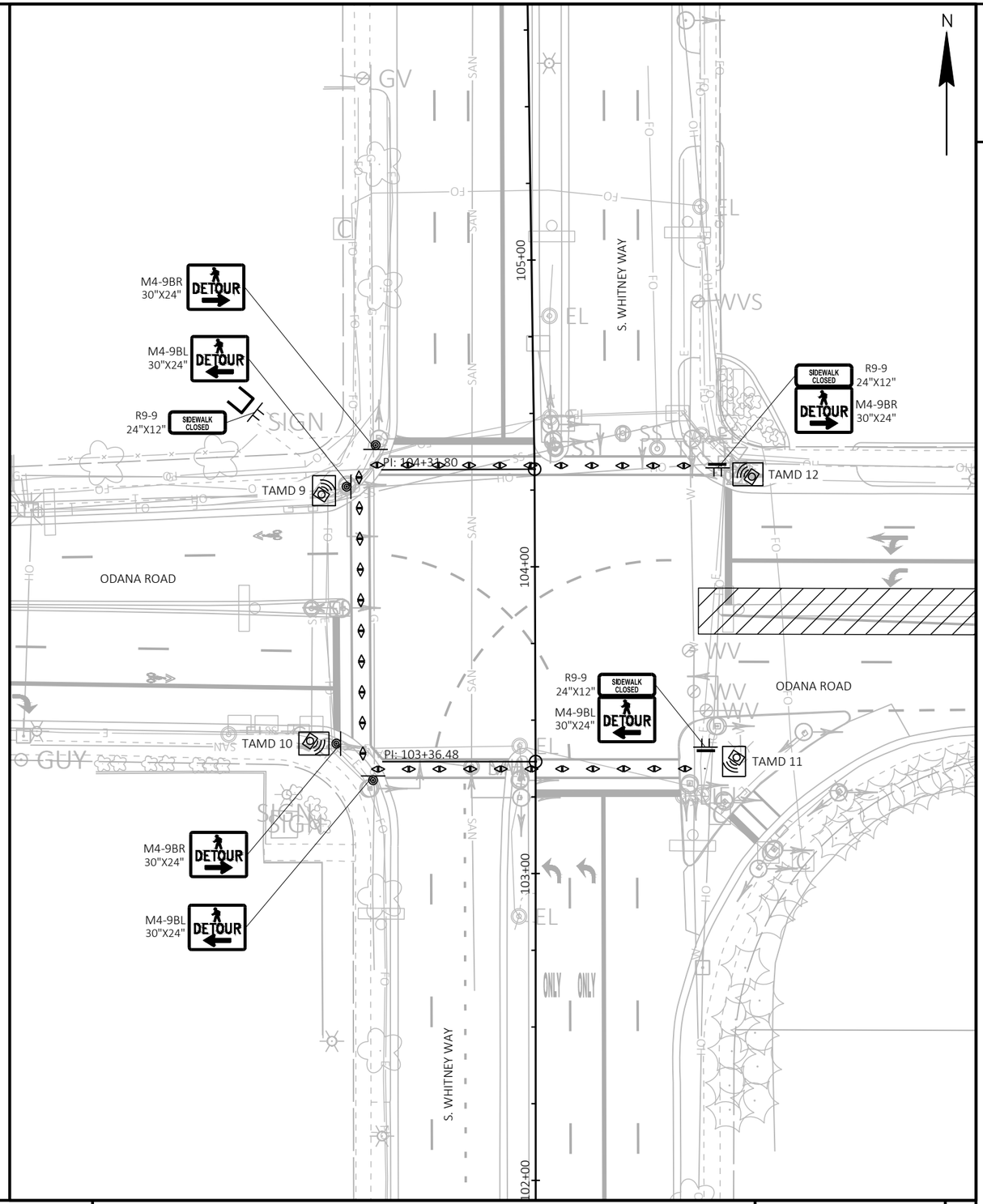
2

PEDESTRIAN DETOUR LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN DETOUR ROUTE
- TEMPORARY AUDIBLE MESSAGE DEVICES
- WORK AREA

NOTES:

1. ONLY ONE QUADRANT MAY BE UNDER CONSTRUCTION AT ONE TIME. MUST COMPLETE CURB RAMP WORK PRIOR TO STARTING CONFLICTING RAMPS. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL TRAFFIC CONTROL ITEMS.
2. SEE S.D.D. "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR ADDITIONAL INFORMATION.




| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PEDESTRIAN DETOUR - STAGE 2 (EAST MEDIAN) | SHEET 76 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026303-PED EAST MEDIAN.DWG
LAYOUT NAME - 026303-ped East Median

PLOT DATE : 6/23/2026 8:07 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

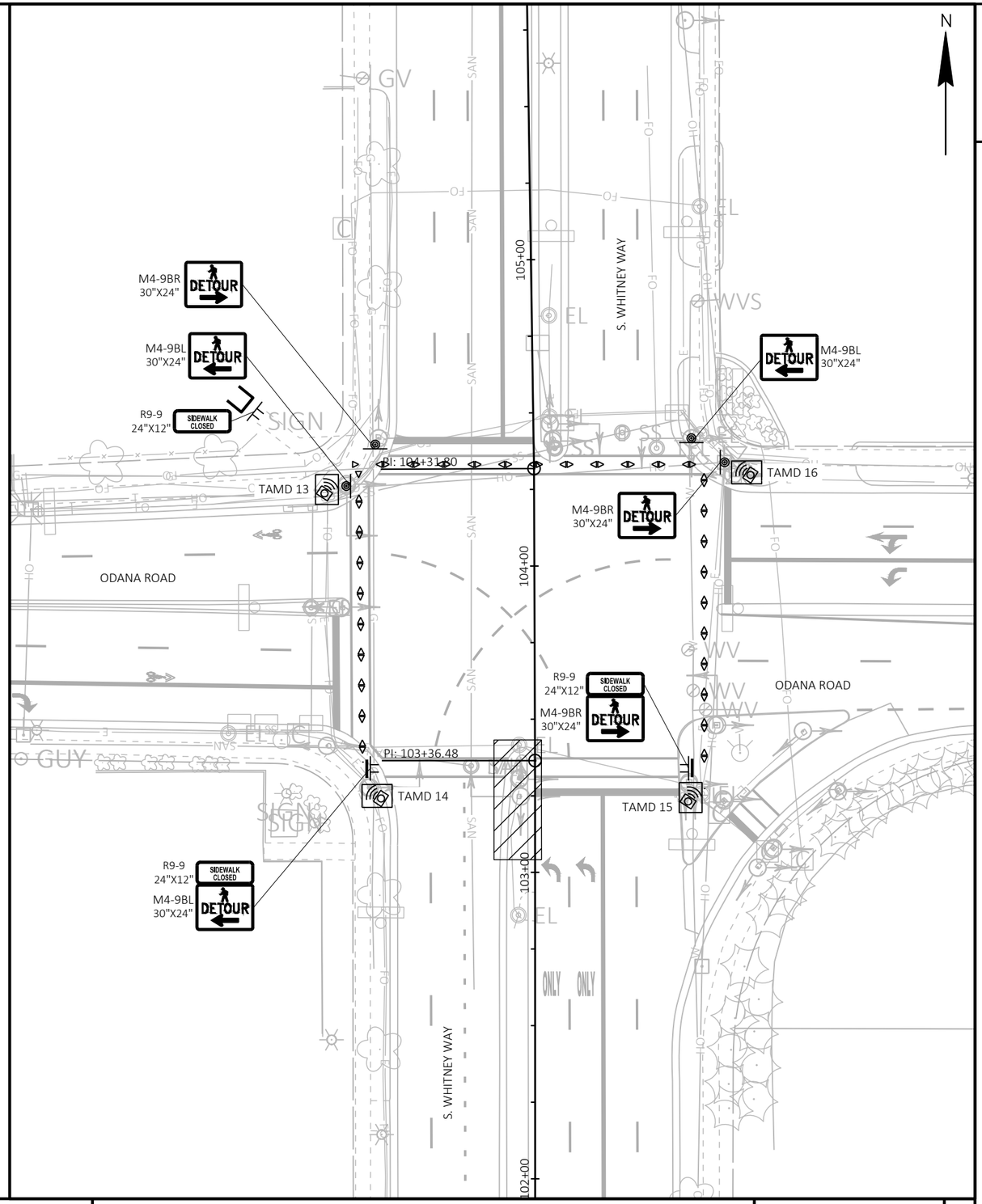
2

PEDESTRIAN DETOUR LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN DETOUR ROUTE
- TEMPORARY AUDIBLE MESSAGE DEVICES
- WORK AREA

NOTES:

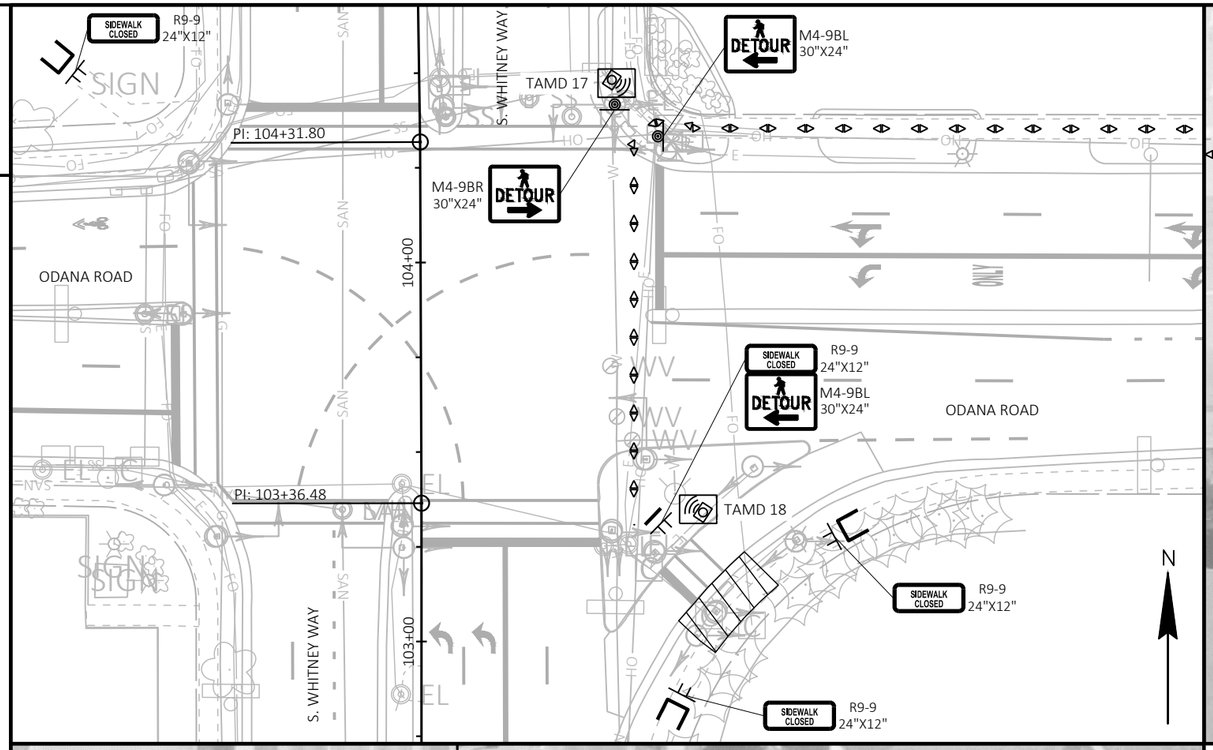
1. ONLY ONE QUADRANT MAY BE UNDER CONSTRUCTION AT ONE TIME. MUST COMPLETE CURB RAMP WORK PRIOR TO STARTING CONFLICTING RAMPS. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL TRAFFIC CONTROL ITEMS.
2. SEE S.D.D. "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR ADDITIONAL INFORMATION.

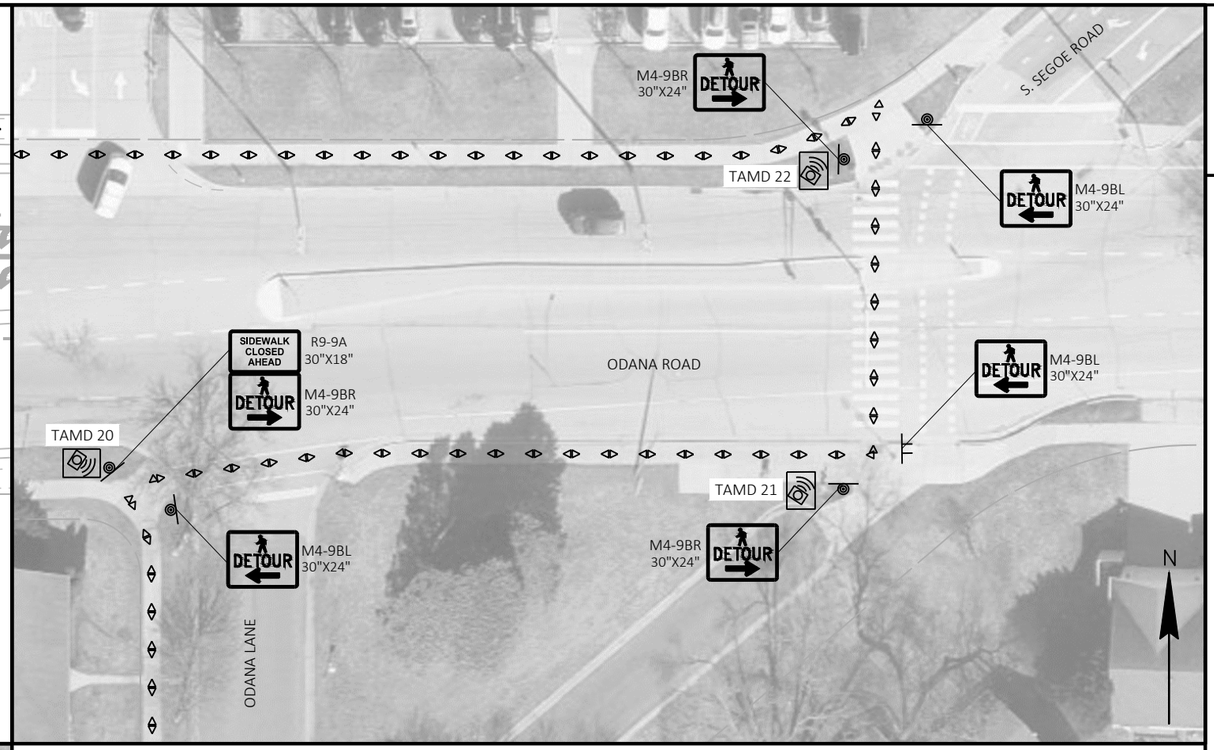


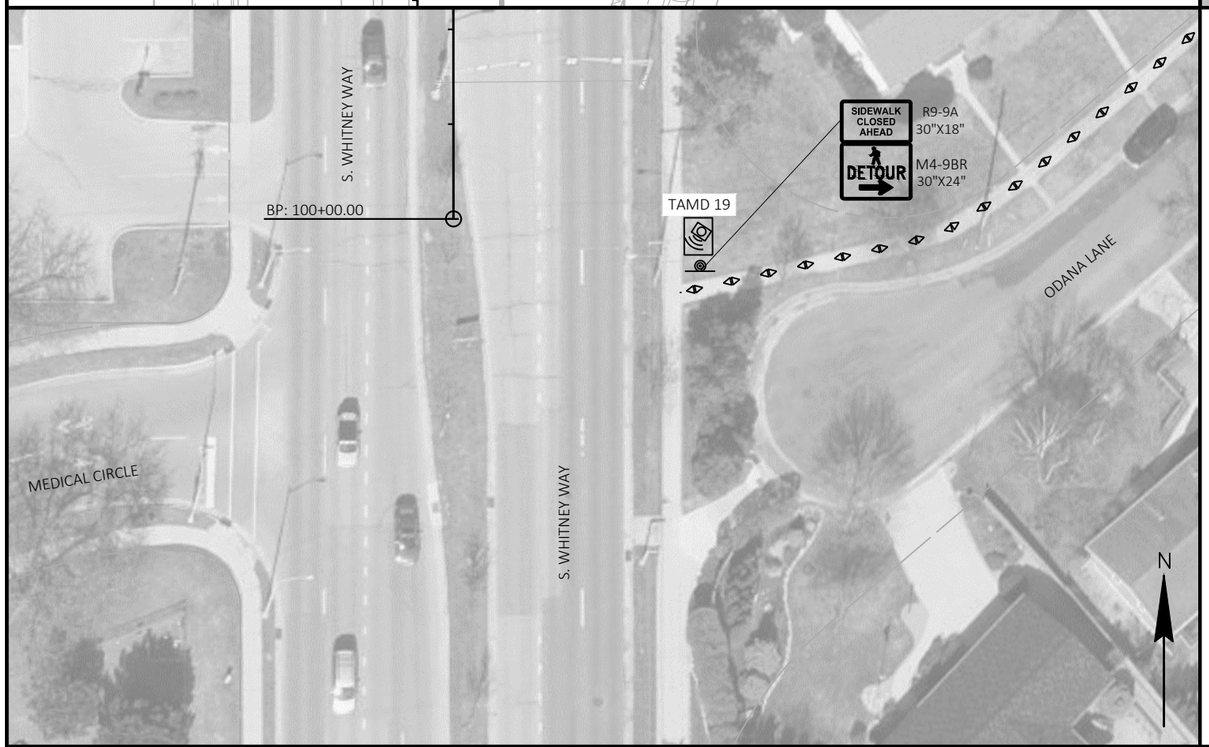

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PEDESTRIAN DETOUR - STAGE 2 (SOUTH MEDIAN) | SHEET 77 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026304-PED SOUTH MEDIAN.DWG
LAYOUT NAME - 026304-ped South Median

PLOT DATE : 6/23/2026 8:08 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT




PEDESTRIAN DETOUR LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN DETOUR ROUTE
- TEMPORARY AUDIBLE MESSAGE DEVICES
- WORK AREA

NOTES:

1. ONLY ONE QUADRANT MAY BE UNDER CONSTRUCTION AT ONE TIME. MUST COMPLETE CURB RAMP WORK PRIOR TO STARTING CONFLICTING RAMPS. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL TRAFFIC CONTROL ITEMS.
2. SEE S.D.D. "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR ADDITIONAL INFORMATION.

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PEDESTRIAN DETOUR - STAGE 2 (SOUTHEAST CORNER) | SHEET 78 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026305-PED SE.DWG
LAYOUT NAME - 026305-ped SE
PLOT DATE : 6/23/2026 8:10 AM
PLOT BY : JASON DOLENS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

TAMD 1:
YOU ARE LOCATED AT THE NORTHWEST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING EAST ACROSS SOUTH WHITNEY WAY
ON THE NORTH SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING EAST ON ODANA ROAD SHOULD
FOLLOW THE DETOUR SOUTH ACROSS ODANA ROAD AND THEN TRAVEL EAST ON THE SOUTH SIDE
OF ODANA ROAD. PEDESTRIANS TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY CAN CONTINUE
TRAVELING NORTH AND SOUTH ON SOUTH WHITNEY WAY.

TAMD 2:
YOU ARE LOCATED AT THE SOUTHWEST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING ACROSS SOUTH WHITNEY WAY
ON THE NORTH SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING EAST OR WEST ON ODANA ROAD
CAN CONTINUE TRAVELING EAST OR WEST ON THE SOUTH SIDE OF ODANA ROAD. PEDESTRIANS
TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY CAN CONTINUE TRAVELING NORTH AND
SOUTH ON SOUTH WHITNEY WAY.

TAMD 3:
YOU ARE LOCATED AT THE SOUTHEAST CORNER ISLAND OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING ACROSS SOUTH WHITNEY WAY
ON THE NORTH SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING EAST OR WEST ON ODANA ROAD
CAN CONTINUE TRAVELING EAST OR WEST ON THE SOUTH SIDE OF ODANA ROAD. PEDESTRIANS
TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY CAN CONTINUE TRAVELING NORTH AND
SOUTH ON SOUTH WHITNEY WAY.

TAMD 4:
YOU ARE LOCATED AT THE NORTHEAST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING WEST ACROSS SOUTH WHITNEY WAY
ON THE NORTH SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING WEST ON ODANA ROAD SHOULD
FOLLOW THE DETOUR SOUTH ACROSS ODANA ROAD AND THEN TRAVEL WEST ON THE SOUTH SIDE
OF ODANA ROAD. PEDESTRIANS TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY CAN CONTINUE
TRAVELING NORTH AND SOUTH ON SOUTH WHITNEY WAY.

TAMD 5:
YOU ARE LOCATED AT THE NORTHWEST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING SOUTH ACROSS ODANA ROAD ON THE WEST SIDE
OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING SOUTH ON SOUTH WHITNEY WAY SHOULD FOLLOW
THE DETOUR EAST ACROSS SOUTH WHITNEY WAY AND THEN TRAVEL SOUTH ON THE EAST SIDE OF
SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST AND WEST ON ODANA ROAD CAN CONTINUE
TRAVELING EAST AND WEST ON ODANA ROAD.

TAMD 6:
YOU ARE LOCATED AT THE SOUTHWEST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING NORTH ACROSS ODANA ROAD ON THE WEST SIDE
OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING NORTH ON SOUTH WHITNEY WAY SHOULD FOLLOW
THE DETOUR EAST ACROSS SOUTH WHITNEY WAY AND THEN TRAVEL NORTH ON THE EAST SIDE OF
SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST AND WEST ON ODANA ROAD CAN CONTINUE
TRAVELING EAST AND WEST ON ODANA ROAD.

TAMD 7:
YOU ARE LOCATED AT THE SOUTHEAST CORNER ISLAND OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING ACROSS ODANA ROAD ON THE WEST SIDE
OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY CAN
CONTINUE TRAVELING NORTH AND SOUTH ON THE EAST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS
TRAVELING EAST AND WEST ON ODANA ROAD CAN CONTINUE TRAVELING EAST AND WEST ON ODANA ROAD.

TAMD 8:
YOU ARE LOCATED AT THE NORTHEAST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING ACROSS ODANA ROAD ON THE WEST SIDE
OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY CAN
CONTINUE TRAVELING NORTH AND SOUTH ON THE EAST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS
TRAVELING EAST AND WEST ON ODANA ROAD CAN CONTINUE TRAVELING EAST AND WEST ON ODANA ROAD.

TAMD 9:
YOU ARE LOCATED AT THE NORTHWEST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING ACROSS ODANA ROAD ON THE EAST SIDE
OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY CAN
CONTINUE TRAVELING NORTH AND SOUTH ON THE WEST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS
TRAVELING EAST AND WEST ON ODANA ROAD CAN CONTINUE TRAVELING EAST AND WEST ON ODANA ROAD.

TAMD 10:
YOU ARE LOCATED AT THE SOUTHWEST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING ACROSS ODANA ROAD ON THE EAST SIDE
OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY CAN
CONTINUE TRAVELING NORTH AND SOUTH ON THE WEST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS
TRAVELING EAST AND WEST ON ODANA ROAD CAN CONTINUE TRAVELING EAST AND WEST ON ODANA ROAD.

TAMD 11:
YOU ARE LOCATED AT THE SOUTHEAST CORNER ISLAND OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING NORTH ACROSS ODANA ROAD ON THE EAST SIDE
OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING NORTH ON SOUTH WHITNEY WAY SHOULD FOLLOW
THE DETOUR WEST ACROSS SOUTH WHITNEY WAY AND THEN TRAVEL NORTH ON THE WEST SIDE OF
SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST AND WEST ON ODANA ROAD CAN CONTINUE
TRAVELING EAST AND WEST ON ODANA ROAD.

TAMD 12:
YOU ARE LOCATED AT THE NORTHEAST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING SOUTH ACROSS ODANA ROAD ON THE EAST SIDE
OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING SOUTH ON SOUTH WHITNEY WAY SHOULD FOLLOW
THE DETOUR WEST ACROSS SOUTH WHITNEY WAY AND THEN TRAVEL SOUTH ON THE WEST SIDE OF
SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST AND WEST ON ODANA ROAD CAN CONTINUE
TRAVELING EAST AND WEST ON ODANA ROAD.

TAMD 13:
YOU ARE LOCATED AT THE NORTHWEST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING ACROSS SOUTH WHITNEY WAY ON THE SOUTH
SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY CAN
CONTINUE TRAVELING NORTH AND SOUTH ON SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST
AND WEST ON ODANA ROAD CAN CONTINUE TRAVELING EAST AND WEST ON THE NORTH SIDE OF ODANA ROAD.

TAMD 14:
YOU ARE LOCATED AT THE SOUTHWEST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING EAST ACROSS SOUTH WHITNEY WAY ON THE SOUTH
SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING EAST ON ODANA ROAD SHOULD FOLLOW THE DETOUR
NORTH ACROSS ODANA ROAD AND THEN TRAVEL EAST ON THE NORTH SIDE OF ODANA ROAD. PEDESTRIANS
TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY CAN CONTINUE TRAVELING NORTH AND SOUTH ON
SOUTH WHITNEY WAY.

TAMD 15:
YOU ARE LOCATED AT THE SOUTHEAST CORNER ISLAND OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING WEST ACROSS SOUTH WHITNEY WAY ON THE SOUTH
SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING WEST ON ODANA ROAD SHOULD FOLLOW THE DETOUR
NORTH ACROSS ODANA ROAD AND THEN TRAVEL WEST ON THE NORTH SIDE OF ODANA ROAD. PEDESTRIANS
TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY CAN CONTINUE TRAVELING NORTH AND SOUTH ON
SOUTH WHITNEY WAY.

TAMD 16:
YOU ARE LOCATED AT THE NORTHEAST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING ACROSS SOUTH WHITNEY WAY ON THE SOUTH
SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING NORTH OR SOUTH ON SOUTH WHITNEY WAY CAN
CONTINUE TRAVELING NORTH AND SOUTH ON SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST
AND WEST ON ODANA ROAD CAN CONTINUE TRAVELING EAST AND WEST ON THE NORTH SIDE OF ODANA ROAD.

TAMD 17:
YOU ARE LOCATED AT THE NORTHEAST CORNER OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE SOUTHEAST CORNER OF ODANA ROAD AND SOUTH
WHITNEY WAY. PEDESTRIANS TRAVELING EAST AND WEST ON ODANA ROAD CAN CONTINUE TRAVELING EAST
AND WEST ON THE NORTH SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING NORTH AND SOUTH ON SOUTH
WHITNEY WAY CAN CONTINUE TRAVELING NORTH AND SOUTH ON THE WEST SIDE OF SOUTH WHITNEY WAY.

TAMD 18:
YOU ARE LOCATED AT THE SOUTHEAST CORNER ISLAND OF ODANA ROAD AND SOUTH WHITNEY WAY.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING SOUTH ON THE EAST SIDE OF SOUTH WHITNEY WAY
AND EAST ON THE SOUTH SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING SOUTH ON SOUTH WHITNEY WAY
SHOULD FOLLOW THE DETOUR WEST ACROSS SOUTH WHITNEY WAY AND THEN TRAVEL SOUTH ON THE WEST
SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST ON ODANA ROAD SHOULD FOLLOW THE DETOUR
NORTH ACROSS ODANA ROAD AND THEN TRAVEL EAST ON THE NORTH SIDE OF ODANA ROAD.

TAMD 19:
YOU ARE LOCATED ON THE EAST SIDE OF SOUTH WHITNEY WAY AT ODANA LANE. THE SIDEWALK IS CLOSED AHEAD
FOR PEDESTRIANS TRAVELING NORTH ACROSS ODANA ROAD OR TRAVELING EAST ON ODANA ROAD. PEDESTRIANS
TRAVELING NORTH SHOULD FOLLOW THE DETOUR EAST ON ODANA LANE TO ODANA ROAD. PEDESTRIANS TRAVELING
SOUTH ON SOUTH WHITNEY WAY CAN CONTINUE TRAVELING SOUTH ON OUTH WHITNEY WAY.

TAMD 20:
YOU ARE LOCATED AT THE SOUTHWEST CORNER ISLAND OF ODANA ROAD AND ODANA LANE.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS TRAVELING WEST ON THE SOUTH SIDE OF ODANA ROAD. PEDESTRIANS
TRAVELING WEST SHOULD EITHER FOLLOW THE DETOUR EAST TO SOUTH SEGOE ROAD AND THEN TRAVEL NORTH
ACROSS SOUTH SEGOE ROAD TO GET TO THE NORTH SIDE OF ODANA ROAD OR TRAVEL SOUTH ON ODANA LANE TO
GET TO THE EAST SIDE OF SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING EAST ON ODANA ROAD CAN CONTINUE
TRAVELING EAST ON ODANA ROAD.

TAMD 21:
YOU ARE LOCATED AT THE SOUTHWEST CORNER OF ODANA ROAD AND SOUTH SEGOE ROAD.
THE SIDEWALK IS CLOSED FOR PEDESTRIANS AT THE SOUTHEAST CORNER OF ODANA ROAD AND
SOUTH WHITNEY WAY. PEDESTRIANS INTENDING ON TRAVELING NORTH ON SOUTH WHITNEY WAY
SHOULD FOLLOW THE DETOUR NORTH ACROSS ODANA ROAD AND THEN WEST ON THE NORTH SIDE OF
ODANA ROAD. PEDESTRIANS INTENDING ON TRAVELING SOUTH ON SOUTH WHITNEY WAY SHOULD
FOLLOW THE DETOUR WEST ON ODANA ROAD AND THEN TRAVEL SOUTH ON ODANA LANE TO
SOUTH WHITNEY WAY. PEDESTRIANS INTENDING ON TRAVELING WEST ON ODANA ROAD AND CROSSING
SOUTH WHITNEY WAY SHOULD FOLLOW THE DETOUR NORTH ACROSS ODANA ROAD AND THEN WEST ON
THE NORTH SIDE OF ODANA ROAD. PEDESTRIANS TRAVELING EAST ON ODANA ROAD CAN CONTINUE
TRAVELING EAST ON ODANA ROAD.

TAMD 22:
YOU ARE LOCATED AT THE NORTHWEST CORNER OF ODANA ROAD AND SOUTH SEGOE ROAD.
THE SIDEWALK IS CLOSED AHEAD FOR PEDESTRIANS AT THE SOUTHEAST CORNER OF ODANA ROAD
AND SOUTH WHITNEY WAY. PEDESTRIANS INTENDING ON TRAVELING NORTH ON SOUTH WHITNEY WAY
SHOULD FOLLOW THE DETOUR WEST ON THE NORTH SIDE OF ODANA ROAD. PEDESTRIANS INTENDING
ON TRAVELING SOUTH ON SOUTH WHITNEY WAY SHOULD FOLLOW THE DETOUR SOUTH ACROSS ODANA
ROAD AND THEN TRAVEL SOUTH ON ODANA LANE TO SOUTH WHITNEY WAY. PEDESTRIANS TRAVELING
EAST OR WEST ON ODANA ROAD CAN CONTINUE TRAVELING EAST OR WEST ON THE NORTH SIDE OF
ODANA ROAD. PEDESTRIANS TRAVELING NORTH OR SOUTH ON SOUTH SEGOE ROAD CAN CONTINUE
TRAVELING NORTH OR SOUTH ON SOUTH SEGOE ROAD.

2

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | PEDESTRIAN DETOUR - STAGE 2 TEMPORARY AUDIBLE MESSAGE DEVICE MESSAGES | SHEET 79 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\026302-PED NORTH MEDIAN.DWG
LAYOUT NAME - Stage 2 Temp Audible Messages
PLOT DATE : 6/23/2026 8:11 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

ODANA ROAD

BP: 100+00.00
Y = 473,445.014
X = 797,294.588

S. WHITNEY WAY

PI: 103+36.48

PI = STA. 103+36.48
Y = 473,781.497
X = 797,294.482

PI: 104+31.80

PI = STA. 104+31.80
Y = 473,876.809
X = 797,294.137

EP: 106+01.30
Y = 474,046.294
X = 797,291.618

END PROJECT
STA 105+30.85
Y = 473,975.85
X = 797,292.66

101+00 N0°01'05"W 102+00 103+00 N0°12'26"W 104+00 N0°51'06"W 105+00 106+00

BEGIN PROJECT
STA 103+04.14
Y = 473,749.15
X = 797,294.49

S. WHITNEY WAY

ODANA ROAD

| PROJECT NO: 5992-07-07 | HWY: SOUTH WHITNEY WAY | COUNTY: DANE | ALIGNMENT DETAILS | SHEET 80 | E |
|---|---|---|---|---|---|

FILE NAME : G:\00\00373\00373130\CADD\C3D\59920706\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 027201-ad

PLOT DATE : 6/16/2026 2:33 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:40 FT

## Estimate Of Quantities

5992-07-07

| Line | Item | Item Description | Unit | Total | Qty |
|---|---|---|---|---|---|
| 0002 | 204.0100 | Removing Concrete Pavement | SY | 125.000 | 125.000 |
| 0004 | 204.0110 | Removing Asphaltic Surface | SY | 445.000 | 445.000 |
| 0006 | 204.0150 | Removing Curb & Gutter | LF | 360.000 | 360.000 |
| 0008 | 204.0155 | Removing Concrete Sidewalk | SY | 270.000 | 270.000 |
| 0010 | 204.0195 | Removing Concrete Bases | EACH | 19.000 | 19.000 |
| 0012 | 204.0220 | Removing Inlets | EACH | 2.000 | 2.000 |
| 0014 | 204.0245 | Removing Storm Sewer (size) 01. 12-Inch | LF | 6.000 | 6.000 |
| 0016 | 204.0280 | Sealing Pipes | EACH | 1.000 | 1.000 |
| 0018 | 204.9060.S | Removing (item description) 01. Traffic Signal | EACH | 1.000 | 1.000 |
| 0020 | 204.9090.S | Removing (item description) 01. Or Abandoning Existing Fiber Conduit | LF | 48.000 | 48.000 |
| 0022 | 204.9090.S | Removing (item description) 02. Fiber Cables from Existing Conduit | LF | 150.000 | 150.000 |
| 0024 | 204.9090.S | Removing (item description) 03. Street Light Wire from Existing Conduit | LF | 500.000 | 500.000 |
| 0026 | 205.0501.S | Excavation, Hauling, and Disposal of Petroleum Contaminated Soil | TON | 10.000 | 10.000 |
| 0028 | 213.0100 | Finishing Roadway (project) 01. 5992-07-07 | EACH | 1.000 | 1.000 |
| 0030 | 305.0120 | Base Aggregate Dense 1 1/4-Inch | TON | 110.000 | 110.000 |
| 0032 | 416.0610 | Drilled Tie Bars | EACH | 10.000 | 10.000 |
| 0034 | 416.0620 | Drilled Dowel Bars | EACH | 2.000 | 2.000 |
| 0036 | 455.0605 | Tack Coat | GAL | 12.000 | 12.000 |
| 0038 | 460.2000 | Incentive Density HMA Pavement | DOL | 50.000 | 50.000 |
| 0040 | 460.7423 | HMA Pavement 3 HT 58-28 H | TON | 50.000 | 50.000 |
| 0042 | 460.7424 | HMA Pavement 4 HT 58-28 H | TON | 20.000 | 20.000 |
| 0044 | 602.0515 | Curb Ramp Detectable Warning Field Natural Patina | SF | 180.000 | 180.000 |
| 0046 | 608.0312 | Storm Sewer Pipe Reinforced Concrete Class III 12-Inch | LF | 15.000 | 15.000 |
| 0048 | 611.0535 | Manhole Covers Type J-Special | EACH | 1.000 | 1.000 |
| 0050 | 611.0624 | Inlet Covers Type H | EACH | 2.000 | 2.000 |
| 0052 | 611.3230 | Inlets 2x3-FT | EACH | 2.000 | 2.000 |
| 0054 | 611.8110 | Adjusting Manhole Covers | EACH | 1.000 | 1.000 |
| 0056 | 619.1000 | Mobilization | EACH | 1.000 | 1.000 |
| 0058 | 620.0300 | Concrete Median Sloped Nose | SF | 300.000 | 300.000 |
| 0060 | 624.0100 | Water | MGAL | 2.000 | 2.000 |
| 0062 | 625.0100 | Topsoil | SY | 330.000 | 330.000 |
| 0064 | 628.1905 | Mobilizations Erosion Control | EACH | 2.000 | 2.000 |
| 0066 | 628.1910 | Mobilizations Emergency Erosion Control | EACH | 2.000 | 2.000 |
| 0068 | 628.2006 | Erosion Mat Urban Class I Type A | SY | 330.000 | 330.000 |
| 0070 | 628.7020 | Inlet Protection Type D | EACH | 15.000 | 15.000 |
| 0072 | 629.0210 | Fertilizer Type B | CWT | 0.250 | 0.250 |
| 0074 | 630.0140 | Seeding Mixture No. 40 | LB | 15.000 | 15.000 |
| 0076 | 630.0500 | Seed Water | MGAL | 8.000 | 8.000 |
| 0078 | 637.2210 | Signs Type II Reflective H | SF | 37.500 | 37.500 |
| 0080 | 638.2102 | Moving Signs Type II | EACH | 18.000 | 18.000 |
| 0082 | 638.2602 | Removing Signs Type II | EACH | 7.000 | 7.000 |
| 0084 | 638.3000 | Removing Small Sign Supports | EACH | 3.000 | 3.000 |
| 0086 | 638.4000 | Moving Small Sign Supports | EACH | 1.000 | 1.000 |
| 0088 | 642.5201 | Field Office Type C | EACH | 1.000 | 1.000 |
| 0090 | 643.0300 | Traffic Control Drums | DAY | 7,200.000 | 7,200.000 |
| 0092 | 643.0420 | Traffic Control Barricades Type III | DAY | 1,000.000 | 1,000.000 |
| 0094 | 643.0705 | Traffic Control Warning Lights Type A | DAY | 2,000.000 | 2,000.000 |
| 0096 | 643.0715 | Traffic Control Warning Lights Type C | DAY | 1,250.000 | 1,250.000 |
| 0098 | 643.0810 | Traffic Control Connected Arrow Boards | DAY | 60.000 | 60.000 |

5992-07-07

| Line | Item | Item Description | Unit | Total | Qty |
|---|---|---|---|---|---|
| 0100 | 643.0900 | Traffic Control Signs | DAY | 3,700.000 | 3,700.000 |
| 0102 | 643.0920 | Traffic Control Covering Signs Type II | EACH | 6.000 | 6.000 |
| 0104 | 643.1050 | Traffic Control Signs PCMS | DAY | 40.000 | 40.000 |
| 0106 | 643.1070 | Traffic Control Cones 42-Inch | DAY | 400.000 | 400.000 |
| 0108 | 643.3180 | Temporary Marking Line Removable Tape 6-Inch | LF | 800.000 | 800.000 |
| 0110 | 643.3250 | Temporary Marking Line Removable Tape 8-Inch | LF | 1,200.000 | 1,200.000 |
| 0112 | 643.3550 | Temporary Marking Arrow Removable Tape | EACH | 2.000 | 2.000 |
| 0114 | 643.3960 | Temporary Marking Removable Mask Out Tape 6-Inch | LF | 400.000 | 400.000 |
| 0116 | 643.3980 | Temporary Marking Removable Mask Out Tape 8-Inch | LF | 700.000 | 700.000 |
| 0118 | 643.3990 | Temporary Marking Removable Mask Out Tape 12-Inch | LF | 200.000 | 200.000 |
| 0120 | 643.5000 | Traffic Control | EACH | 1.000 | 1.000 |
| 0122 | 644.1810 | Temporary Pedestrian Barricade | LF | 450.000 | 450.000 |
| 0124 | 644.1900.S | Temporary Audible Message Devices | DAY | 400.000 | 400.000 |
| 0126 | 646.1020 | Marking Line Epoxy 4-Inch | LF | 125.000 | 125.000 |
| 0128 | 646.2020 | Marking Line Epoxy 6-Inch | LF | 2,630.000 | 2,630.000 |
| 0130 | 646.3020 | Marking Line Epoxy 8-Inch | LF | 260.000 | 260.000 |
| 0132 | 646.5020 | Marking Arrow Epoxy | EACH | 6.000 | 6.000 |
| 0134 | 646.5120 | Marking Word Epoxy | EACH | 2.000 | 2.000 |
| 0136 | 646.5220 | Marking Symbol Epoxy | EACH | 2.000 | 2.000 |
| 0138 | 646.7120 | Marking Diagonal Epoxy 12-Inch | LF | 200.000 | 200.000 |
| 0140 | 646.8220 | Marking Island Nose Epoxy | EACH | 4.000 | 4.000 |
| 0142 | 646.9002 | Marking Removal Line 6-Inch | LF | 800.000 | 800.000 |
| 0144 | 646.9100 | Marking Removal Line 8-Inch | LF | 55.000 | 55.000 |
| 0146 | 646.9200 | Marking Removal Line Wide | LF | 180.000 | 180.000 |
| 0148 | 646.9300 | Marking Removal Special Marking | EACH | 4.000 | 4.000 |
| 0150 | 650.4000 | Construction Staking Storm Sewer | EACH | 2.000 | 2.000 |
| 0152 | 650.5500 | Construction Staking Curb Gutter and Curb & Gutter | LF | 970.000 | 970.000 |
| 0154 | 650.8501 | Construction Staking Electrical Installations (project) 01. 5992-07-07 | EACH | 1.000 | 1.000 |
| 0156 | 650.9000 | Construction Staking Curb Ramps | EACH | 18.000 | 18.000 |
| 0158 | 650.9500 | Construction Staking Sidewalk (project) 01. 5992-07-07 | EACH | 1.000 | 1.000 |
| 0160 | 650.9911 | Construction Staking Supplemental Control (project) 01. 5992-07-07 | EACH | 1.000 | 1.000 |
| 0162 | 652.0225 | Conduit Rigid Nonmetallic Schedule 40 2-Inch | LF | 762.000 | 762.000 |
| 0164 | 652.0235 | Conduit Rigid Nonmetallic Schedule 40 3-Inch | LF | 200.000 | 200.000 |
| 0166 | 652.0615 | Conduit Special 3-Inch | LF | 868.000 | 868.000 |
| 0168 | 652.0700.S | Install Conduit into Existing Item | EACH | 1.000 | 1.000 |
| 0170 | 653.0905 | Removing Pull Boxes | EACH | 11.000 | 11.000 |
| 0172 | 654.0120 | Concrete Bases Type 10-Special | EACH | 1.000 | 1.000 |
| 0174 | 655.0230 | Cable Traffic Signal 5-14 AWG | LF | 1,236.000 | 1,236.000 |
| 0176 | 655.0260 | Cable Traffic Signal 12-14 AWG | LF | 6,663.000 | 6,663.000 |
| 0178 | 655.0305 | Cable Type UF 2-12 AWG Grounded | LF | 1,854.000 | 1,854.000 |
| 0180 | 655.0515 | Electrical Wire Traffic Signals 10 AWG | LF | 3,338.000 | 3,338.000 |
| 0182 | 655.0610 | Electrical Wire Lighting 12 AWG | LF | 1,277.000 | 1,277.000 |
| 0184 | 656.0201 | Electrical Service Meter Breaker Pedestal (location) 01. STA. 104+35.2, 84.9' LT | EACH | 1.000 | 1.000 |
| 0186 | 657.0100 | Pedestal Bases | EACH | 9.000 | 9.000 |
| 0188 | 657.0347 | Poles Type 9-Special | EACH | 1.000 | 1.000 |
| 0190 | 657.0405 | Traffic Signal Standards Aluminum 3.5-FT | EACH | 2.000 | 2.000 |
| 0192 | 657.0420 | Traffic Signal Standards Aluminum 13-FT | EACH | 3.000 | 3.000 |
| 0194 | 657.0425 | Traffic Signal Standards Aluminum 15-FT | EACH | 2.000 | 2.000 |
| 0196 | 657.0430 | Traffic Signal Standards Aluminum 10-FT | EACH | 2.000 | 2.000 |

5992-07-07

| Line | Item | Item Description | Unit | Total | Qty |
|---|---|---|---|---|---|
| 0198 | 657.0536 | Monotube Arms 35-FT-Special | EACH | 1.000 | 1.000 |
| 0200 | 658.5070 | Signal Mounting Hardware (location) 01. Whitney Way & Odana Road | EACH | 1.000 | 1.000 |
| 0202 | 678.0400 | Fiber Optic Termination | EACH | 2.000 | 2.000 |
| 0204 | 690.0150 | Sawing Asphalt | LF | 985.000 | 985.000 |
| 0206 | 690.0250 | Sawing Concrete | LF | 160.000 | 160.000 |
| 0208 | ASP.1T0A | On-the-Job Training Apprentice at $5.00/HR | HRS | 1,200.000 | 1,200.000 |
| 0210 | ASP.1T0G | On-the-Job Training Graduate at $5.00/HR | HRS | 600.000 | 600.000 |
| 0212 | SPV.0060 | Special 01. Furnish & Install APS System | EACH | 1.000 | 1.000 |
| 0214 | SPV.0060 | Special 02. Utility Line Opening (ULO) | EACH | 3.000 | 3.000 |
| 0216 | SPV.0060 | Special 03. Retroreflective Backplates, 3-Section, 12-Inch | EACH | 23.000 | 23.000 |
| 0218 | SPV.0060 | Special 04. Retroreflective Backplates, 4-Section, 12-Inch | EACH | 4.000 | 4.000 |
| 0220 | SPV.0060 | Special 05. Retroreflective Backplates, 5-Section, 12-Inch | EACH | 2.000 | 2.000 |
| 0222 | SPV.0060 | Special 06. Concrete Base Type P | EACH | 1.000 | 1.000 |
| 0224 | SPV.0060 | Special 07. Concrete Base Type G | EACH | 9.000 | 9.000 |
| 0226 | SPV.0060 | Special 08. Concrete Base Type LB-3 | EACH | 4.000 | 4.000 |
| 0228 | SPV.0060 | Special 09. Concrete Base Type LB-8 | EACH | 6.000 | 6.000 |
| 0230 | SPV.0060 | Special 10. Electrical Pull Box Type V | EACH | 12.000 | 12.000 |
| 0232 | SPV.0060 | Special 11. Electrical Pull Box Type VII | EACH | 1.000 | 1.000 |
| 0234 | SPV.0060 | Special 12. Electrical Pull Box Type I | EACH | 1.000 | 1.000 |
| 0236 | SPV.0060 | Special 13. LED Light Assembly Type 1 | EACH | 5.000 | 5.000 |
| 0238 | SPV.0060 | Special 14. LED Light Assembly Type 2 | EACH | 4.000 | 4.000 |
| 0240 | SPV.0060 | Special 15. NEMA TS2 Type 1 Traffic Signal Control Cabinet | EACH | 1.000 | 1.000 |
| 0242 | SPV.0060 | Special 16. Non-Intrusive Vehicle Detection System | EACH | 1.000 | 1.000 |
| 0244 | SPV.0060 | Special 17. Optical Signal Preempt | EACH | 1.000 | 1.000 |
| 0246 | SPV.0060 | Special 18. Pole 30-Foot, 11 Gauge | EACH | 4.000 | 4.000 |
| 0248 | SPV.0060 | Special 19. Pole 30-Foot, 7 Gauge | EACH | 3.000 | 3.000 |
| 0250 | SPV.0060 | Special 20. Pole 20-Foot, 7 Gauge | EACH | 3.000 | 3.000 |
| 0252 | SPV.0060 | Special 21. Temporary Fiber | EACH | 1.000 | 1.000 |
| 0254 | SPV.0060 | Special 22. Fiber Optic Fusion Splice - 1 to 12 Per Location | EACH | 24.000 | 24.000 |
| 0256 | SPV.0060 | Special 23. Temporary Traffic Signals (Whitney Way & Odana Road) | EACH | 1.000 | 1.000 |
| 0258 | SPV.0060 | Special 24. Traffic Signal Heads 12-Inch, 3-Section | EACH | 23.000 | 23.000 |
| 0260 | SPV.0060 | Special 25. Traffic Signal Heads 12-Inch, 4-Section | EACH | 4.000 | 4.000 |
| 0262 | SPV.0060 | Special 26. Traffic Signal Heads 12-Inch, 5-Section | EACH | 2.000 | 2.000 |
| 0264 | SPV.0060 | Special 27. Traffic Signal Heads 16-Inch Pedestrian With Countdown | EACH | 16.000 | 16.000 |
| 0266 | SPV.0060 | Special 28. Traffic Signal Trombone Arm Aluminum 12-Foot | EACH | 1.000 | 1.000 |
| 0268 | SPV.0060 | Special 29. Traffic Signal Trombone Arm Aluminum 18-Foot | EACH | 2.000 | 2.000 |
| 0270 | SPV.0060 | Special 30. Traffic Signal Trombone Arm Aluminum 22-Foot | EACH | 2.000 | 2.000 |
| 0272 | SPV.0060 | Special 31. Traffic Signal Trombone Arm Aluminum 25-Foot | EACH | 1.000 | 1.000 |
| 0274 | SPV.0060 | Special 32. Transformer Base 16-Inch Steel | EACH | 7.000 | 7.000 |
| 0276 | SPV.0090 | Special 01. Concrete Curb & Gutter 30-Inch Type A HES | LF | 30.000 | 30.000 |
| 0278 | SPV.0090 | Special 02. Concrete Curb & Gutter 30-Inch Type D HES | LF | 770.000 | 770.000 |
| 0280 | SPV.0090 | Special 03. Concrete Curb Pedestrian HES | LF | 170.000 | 170.000 |
| 0282 | SPV.0090 | Special 04. Marking Crosswalk Epoxy Ladder Pattern 18-Inch | LF | 1,000.000 | 1,000.000 |
| 0284 | SPV.0090 | Special 05. Marking Stop Line Epoxy 24-Inch | LF | 170.000 | 170.000 |
| 0286 | SPV.0090 | Special 06. Furnish and Install CAT-6 Cable | LF | 171.000 | 171.000 |
| 0288 | SPV.0090 | Special 07. Fiber Optic Cable 12-Count | LF | 110.000 | 110.000 |
| 0290 | SPV.0165 | Special 01. Concrete Sidewalk 5-Inch HES | SF | 3,585.000 | 3,585.000 |
| 0292 | SPV.0180 | Special 01. Gravel Mulch | SY | 25.000 | 25.000 |
| 0294 | SPV.0180 | Special 02. Bark Mulch | SY | 30.000 | 30.000 |

5992-07-07

3

## REMOVING CONCRETE PAVEMENT

| CATEGORY | STATION | TO | STATION | LOCATION | 204.0100 REMOVING CONCRETE PAVEMENT SY | REMARKS |
|---|---|---|---|---|---|---|
| 0010 | 103+84 | - | 103+88 | RT | 4 | ROADWAY PAVEMENT |
| 0010 | 103+84 | - | 103+88 | RT | 74 | EAST CONCRETE MEDIAN |
| 0010 | 103+84 | - | 103+90 | LT | 20 | WEST CONCRETE MEDIAN |
| 0010 | 104+25 | - | 104+32 | RT | 21 | DRIVEWAY APRON |
| 0010 | 104+34 | - | 104+41 | RT | 6 | CONCRETE MEDIAN SLOPED NOSE |
| | | | | **TOTAL** | **125** | |

## REMOVING CURB & GUTTER

| CATEGORY | STATION | TO | STATION | LOCATION | 204.0150 REMOVING CURB & GUTTER LF | REMARKS |
|---|---|---|---|---|---|---|
| 0010 | 103+04 | - | 103+39 | LT | 50 | SOUTH MEDIAN |
| 0010 | 103+08 | - | 103+19 | RT | 15 | SOUTHEAST CORNER |
| 0010 | 103+13 | - | 103+47 | LT | 48 | SOUTHWEST CORNER |
| 0010 | 104+20 | - | 104+48 | LT | 37 | NORTHWEST CORNER |
| 0010 | 104+25 | - | 104+47 | RT | 80 | NORTHEAST CORNER |
| 0010 | 104+40 | - | 105+31 | RT | 130 | NORTH MEDIAN |
| | | | | **TOTAL** | **360** | |

## REMOVING ASPHALTIC SURFACE

| CATEGORY | STATION | TO | STATION | LOCATION | 204.0110 REMOVING ASPHALTIC SURFACE SY | REMARKS |
|---|---|---|---|---|---|---|
| 0010 | 103+04 | - | 103+43 | LT & RT | 21 | SOUTH MEDIAN |
| 0010 | 103+13 | - | 103+51 | LT | 16 | SOUTHWEST CORNER |
| 0010 | 103+23 | - | 103+56 | RT | 25 | SOUTHEAST CORNER ISLAND |
| 0010 | 103+78 | - | 103+93 | RT | 193 | EAST MEDIAN |
| 0010 | 103+79 | - | 103+95 | LT | 45 | WEST MEDIAN |
| 0010 | 104+16 | - | 104+48 | LT | 11 | NORTHWEST CORNER |
| 0010 | 104+21 | - | 105+31 | LT & RT | 116 | NORTH MEDIAN |
| 0010 | 104+21 | - | 104+46 | RT | 18 | NORTHEAST CORNER |
| | | | | **TOTAL** | **445** | |

## REMOVING CONCRETE SIDEWALK

| CATEGORY | STATION | TO | STATION | LOCATION | 204.0155 REMOVING CONCRETE SIDEWALK SY | REMARKS |
|---|---|---|---|---|---|---|
| 0010 | 102+97 | - | 103+18 | RT | 20 | SOUTHEAST CORNER |
| 0010 | 103+13 | - | 103+43 | LT | 36 | SOUTHWEST CORNER |
| 0010 | 103+17 | - | 103+52 | RT | 111 | SOUTHEAST CORNER ISLAND |
| 0010 | 103+32 | - | 103+38 | LT | 3 | SOUTH MEDIAN |
| 0010 | 104+24 | - | 104+54 | LT | 57 | NORTHWEST CORNER |
| 0010 | 104+31 | - | 104+53 | RT | 43 | NORTHEAST CORNER |
| | | | | **TOTAL** | **270** | |

3

## REMOVING INLETS

| CATEGORY | STATION | LOCATION | 204.0220 REMOVING INLETS EACH |
|---|---|---|---|
| 0010 | 104+44 | 10' RT | 1 |
| 0010 | 104+70 | 1' RT | 1 |
| | | **TOTAL** | **2** |

## REMOVING STORM SEWER

| CATEGORY | STATION | TO | STATION | LOCATION | 204.0245.01 REMOVING STORM SEWER (SIZE) (01. 12-INCH) LF |
|---|---|---|---|---|---|
| 0010 | 104+38 | - | 104+44 | RT | 6 |
| | | | | **TOTAL** | **6** |

## SEALING PIPES

| CATEGORY | STATION | LOCATION | 204.0280 SEALING PIPES EACH | REMARKS |
|---|---|---|---|---|
| 0010 | 104+38 | 7' RT | 1 | 12-INCH PIPE AT MANHOLE STRUCTURE |
| | | **TOTAL** | **1** | |

## CONTAMINATED SOIL

| CATEGORY | STATION | TO | STATION | LOCATION | 205.0501.S EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL TON |
|---|---|---|---|---|---|
| 0020 | 104+23 | - | 104+37 | RT | 10 |
| | | | | **TOTAL** | **10** |

## BASE AGGREGATE DENSE

| CATEGORY | STATION | TO | STATION | LOCATION | 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON | 624.0100 WATER MGAL | REMARKS |
|---|---|---|---|---|---|---|---|
| 0010 | 102+97 | - | 103+20 | RT | 3 | 0.1 | SOUTHEAST CORNER |
| 0010 | 103+04 | - | 103+43 | LT & RT | 5 | 0.1 | SOUTH MEDIAN |
| 0010 | 103+13 | - | 103+51 | LT | 8 | 0.2 | SOUTHWEST CORNER |
| 0010 | 103+15 | - | 103+56 | RT | 17 | 0.3 | SOUTHEAST CORNER ISLAND |
| 0010 | 103+78 | - | 103+93 | RT | 32 | 0.5 | EAST MEDIAN |
| 0010 | 103+79 | - | 103+95 | LT | 7 | 0.1 | WEST MEDIAN |
| 0010 | 104+16 | - | 104+54 | LT | 9 | 0.2 | NORTHWEST CORNER |
| 0010 | 104+21 | - | 105+31 | LT & RT | 17 | 0.3 | NORTH MEDIAN |
| 0010 | 104+21 | - | 104+53 | RT | 12 | 0.2 | NORTHEAST CORNER |
| | | | | **TOTALS** | **110** | **2.0** | |

## DRILLED BARS

| CATEGORY | STATION | TO | STATION | LOCATION | 416.0610 DRILLED TIE BARS EACH | 416.0620 DRILLED DOWEL BARS EACH | REMARKS |
|---|---|---|---|---|---|---|---|
| 0010 | 103+09 | - | 103+20 | RT | 5 | - | SOUTHEAST CORNER |
| 0010 | 103+15 | - | 103+25 | RT | 5 | 2 | SOUTHEAST CORNER ISLAND |
| | | | | **TOTALS** | **10** | **2** | |

3

## HMA PAVEMENT

| CATEGORY | STATION | TO | STATION | LOCATION | 455.0605 TACK COAT GAL | 460.7423 HMA PAVEMENT 3 HT 58-28 H TON | 460.7424 HMA PAVEMENT 4 HT 58-28 H TON | REMARKS |
|---|---|---|---|---|---|---|---|---|
| 0010 | 103+04 | - | 103+43 | LT & RT | 1 | 5 | 2 | SOUTH MEDIAN |
| 0010 | 103+13 | - | 103+51 | LT | 1 | 3 | 1 | SOUTHWEST CORNER |
| 0010 | 103+23 | - | 103+56 | RT | 1 | 3 | 1 | SOUTHEAST CORNER ISLAND |
| 0010 | 103+78 | - | 103+93 | RT | 4 | 18 | 7 | EAST MEDIAN |
| 0010 | 103+79 | - | 103+95 | LT | 1 | 5 | 2 | WEST MEDIAN |
| 0010 | 104+16 | - | 104+48 | LT | 1 | 2 | 1 | NORTHWEST CORNER |
| 0010 | 104+21 | - | 105+31 | LT & RT | 2 | 10 | 4 | NORTH MEDIAN |
| 0010 | 104+21 | - | 104+47 | RT | 1 | 4 | 2 | NORTHEAST CORNER |
| | | | | **TOTALS** | **12** | **50** | **20** | |

## STORM SEWER PIPE

| CATEGORY | STRUCTURE NO. | TO | STRUCTURE NO. | 608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF |
|---|---|---|---|---|
| 0010 | 1.2 | - | 1.1 | 15 |
| | | | **TOTALS** | **15** |

## EXISTING STORM SEWER STRUCTURES

| CATEGORY | STATION | LOCATION | 611.0535 MANHOLE COVERS TYPE J-SPECIAL EACH | 611.8110 ADJUSTING MANHOLE COVERS EACH |
|---|---|---|---|---|
| 0010 | 103+87 | 73' LT | - | 1 |
| 0010 | 104+38 | 7' RT | 1 | - |
| | | **TOTALS** | **1** | **1** |

## STORM SEWER STRUCTURES

| CATEGORY | STRUCTURE NO. | STATION | LOCATION | 611.0624 INLET COVERS TYPE H EACH | 611.3230 INLETS 2X3-FT EACH | 650.4000 CONSTRUCTION STAKING STORM SEWER EACH | ** RIM ELEVATION | *** INVERT ELEVATION | **** DEPTH FT |
|---|---|---|---|---|---|---|---|---|---|
| 0010 | 1.1 | 104+70 | 16.50' RT | 1 | 1 | 1 | 1013.23 | 1009.55 | 2.85 |
| 0010 | 1.2 | 104+70 | 1.50' RT | 1 | 1 | 1 | 1012.49 | 1009.47 | 2.19 |
| | | | **TOTALS** | **2** | **2** | **2** | | | |

REMARKS:

STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE

**RIM ELEV IS AT THE INLET COVER FLANGE LOCATION

***INVERT ELEVATION IS THE ELEVATION OF THE LOWEST PIPE FLOW LINE

****DEPTH = RIM/FLANGE ELEV - INVERT ELEV - COVER HEIGHT - 6-INCH ADJUSTMENT RING HEIGHT + PIPE WALL THICKNESS

## CONCRETE MEDIAN SLOPED NOSE

| CATEGORY | STATION | TO | STATION | LOCATION | 620.0300 CONCRETE MEDIAN SLOPED NOSE SF | REMARKS |
|---|---|---|---|---|---|---|
| 0010 | 103+34 | - | 103+41 | LT | 63 | SOUTH MEDIAN, TYPE 1 |
| 0010 | 103+80 | - | 103+91 | RT | 59 | EAST MEDIAN, TYPE 1 |
| 0010 | 103+81 | - | 103+93 | LT | 77 | WEST MEDIAN, TYPE 1 |
| 0010 | 104+23 | - | 104+31 | RT | 101 | NORTH MEDIAN, TYPE 1 |
| | | | | **TOTAL** | **300** | |

## CONCRETE SIDEWALK

| CATEGORY | STATION | TO | STATION | LOCATION | 602.0515 CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA SF | 650.9000 CONSTRUCTION STAKING CURB RAMPS EACH | SPV.0165.01 SPECIAL (01. CONCRETE SIDEWALK 5-INCH HES) SF | REMARKS |
|---|---|---|---|---|---|---|---|---|
| 0010 | 102+97 | - | 103+18 | RT | 10 | 1 | 150 | SOUTHEAST CORNER |
| 0010 | 103+13 | - | 103+43 | LT | 20 | 2 | 400 | SOUTHWEST CORNER |
| 0010 | 103+17 | - | 103+52 | RT | 30 | 3 | 965 | SOUTHEAST CORNER ISLAND |
| 0010 | 103+29 | - | 103+34 | LT | 20 | 2 | 45 | SOUTH MEDIAN |
| 0010 | 103+82 | - | 103+88 | RT | 20 | 2 | 875 | EAST MEDIAN |
| 0010 | 103+84 | - | 103+90 | LT | 20 | 2 | 130 | WEST MEDIAN |
| 0010 | 104+21 | - | 104+54 | LT | 20 | 2 | 455 | NORTHWEST CORNER |
| 0010 | 104+26 | - | 104+53 | RT | 20 | 2 | 420 | NORTHEAST CORNER |
| 0010 | 104+31 | - | 104+36 | RT | 20 | 2 | 145 | NORTH MEDIAN |
| | | | | **TOTALS** | **180** | **18** | **3,585** | |

## CONCRETE CURB & GUTTER

| CATEGORY | STATION | TO | STATION | LOCATION | SPV.0090.01 SPECIAL (01. CONCRETE CURB & GUTTER 30-INCH TYPE A HES) LF | SPV.0090.02 SPECIAL (02. CONCRETE CURB & GUTTER 30-INCH TYPE D HES) LF | SPV.0090.03 SPECIAL (03. CONCRETE CURB PEDESTRIAN HES) LF | 650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| 0010 | 103+04 | - | 103+39 | LT | - | 38 | 13 | 51 | SOUTH MEDIAN |
| 0010 | 103+08 | - | 103+19 | RT | 15 | - | - | 15 | SOUTHEAST CORNER |
| 0010 | 103+13 | - | 103+47 | LT | - | 49 | 8 | 57 | SOUTHWEST CORNER |
| 0010 | 103+16 | - | 103+52 | RT | 15 | 48 | 78 | 141 | SOUTHEAST CORNER ISLAND |
| 0010 | 103+82 | - | 103+89 | RT | - | 309 | 12 | 321 | EAST MEDIAN |
| 0010 | 103+83 | - | 103+90 | LT | - | 58 | 12 | 70 | WEST MEDIAN |
| 0010 | 104+20 | - | 104+48 | LT | - | 37 | - | 37 | NORTHWEST CORNER |
| 0010 | 104+25 | - | 104+47 | RT | - | 79 | 21 | 100 | NORTHEAST CORNER |
| 0010 | 104+30 | - | 105+31 | RT | - | 152 | 26 | 178 | NORTH MEDIAN |
| | | | | **TOTALS** | **30** | **770** | **170** | **970** | |

3

## FINISHING ITEMS

| CATEGORY | STATION | TO | STATION | LOCATION | 625.0100 TOPSOIL SY | 628.2006 EROSION MAT URBAN CLASS I TYPE A SY | 629.0210 FERTILIZER TYPE B CWT | 630.0140 SEEDING MIXTURE NO. 40 LB | 630.0500 SEED WATER MGAL | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 0010 | 102+94 | - | 103+31 | RT | 35 | 35 | 0.02 | 1.4 | 0.8 | SOUTHEAST CORNER |
| 0010 | 103+04 | - | 103+28 | LT | 15 | 15 | 0.01 | 0.7 | 0.3 | SOUTH MEDIAN |
| 0010 | 103+13 | - | 103+46 | LT | 40 | 40 | 0.03 | 1.8 | 0.9 | SOUTHWEST CORNER |
| 0010 | 104+20 | - | 104+54 | LT | 35 | 35 | 0.02 | 1.7 | 0.8 | NORTHWEST CORNER |
| 0010 | 104+26 | - | 104+67 | RT | 60 | 60 | 0.04 | 2.6 | 1.3 | NORTHEAST CORNER |
| 0010 | 104+36 | - | 105+31 | RT | 110 | 110 | 0.07 | 5.1 | 2.5 | NORTH MEDIAN |
| 0010 | | UNDISTRIBUTED | | | 35 | 35 | 0.06 | 1.7 | 1.4 | |
| | | | | TOTALS | 330 | 330 | 0.25 | 15.0 | 8.0 | |

## MULCH

| CATEGORY | STATION | TO | STATION | LOCATION | SPV.0180.01 SPECIAL (01. GRAVEL MULCH) SY | SPV.0180.02 SPECIAL (02. BARK MULCH) SY |
|---|---|---|---|---|---|---|
| 0010 | 104+28 | - | 104+46 | LT | 25 | - |
| 0010 | 104+37 | - | 104+55 | RT | - | 30 |
| | | | | TOTALS | 25 | 30 |

3

## INLET PROTECTION

| CATEGORY | STATION | LOCATION | 628.7020 INLET PROTECTION TYPE D EACH |
|---|---|---|---|
| 0010 | FIRST INLETS SOUTH OF PROJECT LIMITS | | 4 |
| 0010 | 103+48 | LT | 1 |
| 0010 | 103+48 | LT | 1 |
| 0010 | 103+48 | LT | 1 |
| 0010 | 104+19 | LT | 1 |
| 0010 | 104+19 | LT | 1 |
| 0010 | FIRST INLET EAST OF PROJECT LIMITS | | 1 |
| 0010 | 104+44 | RT | 1 |
| 0010 | 104+47 | RT | 1 |
| 0010 | 104+70 | RT | 1 |
| 0010 | 104+70 | RT | 1 |
| 0010 | 104+70 | RT | 1 |
| | | TOTAL | 15 |

## MOBILIZATIONS EROSION CONTROL

| CATEGORY | LOCATION | 628.1905 MOBILIZATIONS EROSION CONTROL EACH | 628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH |
|---|---|---|---|
| 0010 | PROJECT 5992-07-07 | 2 | 2 |
| | TOTALS | 2 | 2 |

3

## REMOVING SIGNS

| CATEGORY | SIGN NO. | STATION | LOCATION | 638.2602 REMOVING SIGNS TYPE II EACH | 638.3000 REMOVING SMALL SIGN SUPPORTS EACH | REMARKS |
|---|---|---|---|---|---|---|
| 0010 | R1 | 104+46 | 5'RT | 1 | - | LEFT TURN SIGNAL SIGN, ON TRAFFIC SIGNAL POLE |
| 0010 | R2 | 104+46 | 5'RT | 1 | - | LEFT TURN SIGNAL SIGN, ON TRAFFIC SIGNAL POLE |
| 0010 | R3 | 103+25 | 5'LT | 1 | - | LEFT TURN SIGNAL SIGN, ON TRAFFIC SIGNAL POLE |
| 0010 | R4 | 103+25 | 5'LT | 1 | - | LEFT TURN SIGNAL SIGN, ON TRAFFIC SIGNAL POLE |
| 0010 | 1-13 | 103+86 | 66'RT | - | 1 | REMOVING SMALL SIGN SUPPORTS ONLY |
| 0010 | 1-2 | 103+87 | 91'LT | - | 1 | REMOVING SMALL SIGN SUPPORTS ONLY |
| 0010 | R5 | S. WHITNEY WAY, SOUTH OF TOKAY BOULEVARD | | 1 | - | LANE DESIGNATION SIGN, EXISTING SIGN SUPPORT TO REMAIN |
| 0010 | R6 | S. WHITNEY WAY, SOUTH OF TOKAY BOULEVARD | | 1 | - | LANE DESIGNATION SIGN, EXISTING SIGN SUPPORT TO REMAIN |
| 0010 | R7 | S. WHITNEY WAY, SOUTH OF TOKAY BOULEVARD | | 1 | 1 | RIGHT TURN ONLY EXCEPT BUSES AND BICYCLES |
| | | | **TOTALS** | **7** | **3** | |

## MOVING SIGNS

| CATEGORY | SIGN NO. | STATION | LOCATION | 638.2102 MOVING SIGNS TYPE II EACH | 638.4000 MOVING SMALL SIGN SUPPORTS EACH | REMARKS |
|---|---|---|---|---|---|---|
| 0010 | 1-1 | 103+42 | 68'LT | 1 | - | NO TURN ON RED SIGN, ON TRAFFIC SIGNAL POLE |
| 0010 | 1-2 | 103+87 | 91'LT | 1 | - | KEEP RIGHT SIGN |
| 0010 | 1-3 | 103+87 | 63'LT | 1 | - | NO U-TURN SIGN, ON TRAFFIC SIGNAL POLE |
| 0010 | 1-4 | 104+26 | 61'LT | 1 | - | S. WHITNEY WAY SIGN, OVERHEAD ON TRAFFIC SIGNAL POLE |
| 0010 | 1-5 | 104+26 | 61'LT | 1 | - | ODANA ROAD SIGN, ON TRAFFIC SIGNAL POLE |
| 0010 | 1-6 | 104+26 | 61'LT | 1 | - | S. WHITNEY WAY SIGN, ON TRAFFIC SIGNAL POLE |
| 0010 | 1-7 | 104+42 | 51'LT | 1 | - | NO TURN ON RED SIGN, ON TRAFFIC SIGNAL POLE |
| 0010 | 1-8 | 105+11 | 7'RT | 1 | 1 | SPEED LIMIT 30 MPH SIGN |
| 0010 | 1-10 | 104+46 | 5'RT | 1 | - | NO U-TURN SIGN, ON TRAFFIC SIGNAL POLE |
| 0010 | 1-11 | 104+41 | 51'RT | 1 | - | ODANA ROAD SIGN, OVERHEAD ON TRAFFIC SIGNAL POLE |
| 0010 | 1-13 | 103+86 | 66'RT | 1 | - | NO U-TURN SIGN |
| 0010 | 1-14 | 103+48 | 59'RT | 1 | - | S. WHITNEY WAY SIGN, OVERHEAD ON TRAFFIC SIGNAL POLE |
| 0010 | 1-15 | 103+48 | 59'RT | 1 | - | ODANA ROAD SIGN, ON TRAFFIC SIGNAL POLE |
| 0010 | 1-16 | 103+48 | 59'RT | 1 | - | S. WHITNEY WAY SIGN, ON TRAFFIC SIGNAL POLE |
| 0010 | 1-17 | 103+48 | 59'RT | 1 | - | NO TURN ON RED SIGN, ON TRAFFIC SIGNAL POLE |
| 0010 | 1-19 | 103+25 | 5'LT | 1 | - | NO U-TURN SIGN, ON TRAFFIC SIGNAL POLE |
| 0010 | 1-20 | 103+25 | 5'LT | 1 | - | ODANA ROAD SIGN, OVERHEAD ON TRAFFIC SIGNAL POLE |
| 0010 | 1-21 | 103+28 | 54'LT | 1 | - | NO TURN ON RED SIGN, OVERHEAD ON TRAFFIC SIGNAL POLE |
| | | | **TOTALS** | **18** | **1** | |

3

## PERMANENT SIGNING

| CATEGORY | SIGN NO. | STATION | LOCATION | SIGN CODE | SIZE IN | X | IN | 637.2210 SIGNS TYPE II REFLECTIVE H SF | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| 0010 | 1-9 | 104+42 | 5'RT | R4-7 | 24 | X | 30 | 5.00 | MOUNT ON TRAFFIC SIGNAL POLE |
| 0010 | 1-12 | 103+85 | 69'RT | R4-7 | 24 | X | 30 | 5.00 | MOUNT ON TRAFFIC SIGNAL POLE |
| 0010 | 1-18 | 103+27 | 5'LT | R4-7 | 24 | X | 30 | 5.00 | MOUNT ON TRAFFIC SIGNAL POLE |
| 0010 | 3-1 | S. WHITNEY WAY, SOUTH OF TOKAY BOULEVARD | | R3-8LAF | 54 | X | 30 | 11.25 | MOUNT ON EXISTING POST |
| 0010 | 3-2 | S. WHITNEY WAY, SOUTH OF TOKAY BOULEVARD | | R3-8LAF | 54 | X | 30 | 11.25 | MOUNT ON EXISTING POST |
| | | | | **TOTALS** | | | | **37.50** | |

3

3

## TEMPORARY PAVEMENT MARKINGS

| CATEGORY | DESCRIPTION | 643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE) LF | 643.3250 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE) LF | 643.3550 TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE, TYPE 2) EACH | 643.3960 TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH LF | 643.3980 TEMPORARY MARKING REMOVABLE MASK OUT TAPE 8-INCH LF | 643.3990 TEMPORARY MARKING REMOVABLE MASK OUT TAPE 12-INCH LF |
|---|---|---|---|---|---|---|---|
| 0010 | TRAFFIC CONTROL - STAGE 1 | 520 | 620 | - | 225 | 470 | 170 |
| 0010 | TRAFFIC CONTROL - STAGE 2 | 100 | 380 | 2 | 100 | 205 | - |
| 0010 | UNDISTRIBUTED | 180 | 200 | - | 75 | 25 | 30 |
| | **TOTALS** | **800** | **1,200** | **2** | **400** | **700** | **200** |

## TRAFFIC CONTROL & PEDESTRIAN DETOUR

| CATEGORY | DESCRIPTION | DURATION | | 643.0300 DRUMS NO. DEVICES | 643.0300 TRAFFIC CONTROL DRUMS DAY | 643.0420 BARRICADES TYPE III NO. DEVICES | 643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY | 643.0705 WARNING LIGHTS TYPE A NO. DEVICES | 643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY | 643.0715 WARNING LIGHTS TYPE C NO. DEVICES | 643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY | 643.0810 CONNECTED ARROW BOARDS NO. DEVICES | 643.0810 TRAFFIC CONTROL CONNECTED ARROW BOARDS DAY | 643.0900 SIGNS NO. DEVICES | 643.0900 TRAFFIC CONTROL SIGNS DAY | 643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH | 643.1050 SIGNS PCMS NO. DEVICES | 643.1050 TRAFFIC CONTROL SIGNS PCMS DAY | 643.1070 CONES 42-INCH NO. DEVICES | 643.1070 TRAFFIC CONTROL CONES 42-INCH DAY | 644.1810 TEMPORARY PEDESTRIAN BARRICADE LF | 644.1900.S TEMPORARY AUDIBLE MESSAGE DEVICES NO. DEVICES | 644.1900.S TEMPORARY AUDIBLE MESSAGE DEVICES DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0010 | TRAFFIC CONTROL - STAGE 1 | 28 | DAYS | 90 | 2,520 | 15 | 420 | 30 | 840 | 24 | 672 | 2 | 56 | 38 | 1,064 | 2 | 4 | 28 | 7 | 196 | - | - | - |
| 0010 | TRAFFIC CONTROL - STAGE 2 | 35 | DAYS | 114 | 3,990 | 14 | 490 | 28 | 980 | 13 | 455 | - | - | 39 | 1,365 | 3 | - | - | 5 | 175 | - | - | - |
| 0010 | PEDESTRIAN DETOUR - STAGE 1 (NORTHWEST CORNER) | 7 | DAYS | - | - | - | - | - | - | - | - | - | - | 17 | 119 | - | - | - | - | - | 66 | 7 | 49 |
| 0010 | PEDESTRIAN DETOUR - STAGE 1 (NORTHEAST CORNER) | 7 | DAYS | - | - | - | - | - | - | - | - | - | - | 23 | 161 | - | - | - | - | - | 66 | 9 | 63 |
| 0010 | PEDESTRIAN DETOUR - STAGE 1 (SOUTHWEST CORNER) | 7 | DAYS | - | - | - | - | - | - | - | - | - | - | 25 | 175 | - | - | - | - | - | 84 | 10 | 70 |
| 0010 | PEDESTRIAN DETOUR - STAGE 1 (SOUTHEAST CORNER ISLAND) | 7 | DAYS | - | - | - | - | - | - | - | - | - | - | 13 | 91 | - | - | - | - | - | 36 | 6 | 42 |
| 0010 | PEDESTRIAN DETOUR - STAGE 2 (NORTH MEDIAN) | 7 | DAYS | - | - | - | - | - | - | - | - | - | - | 9 | 63 | - | - | - | - | - | 30 | 4 | 28 |
| 0010 | PEDESTRIAN DETOUR - STAGE 2 (WEST MEDIAN) | 7 | DAYS | - | - | - | - | - | - | - | - | - | - | 9 | 63 | - | - | - | - | - | 30 | 4 | 28 |
| 0010 | PEDESTRIAN DETOUR - STAGE 2 (EAST MEDIAN) | 7 | DAYS | - | - | - | - | - | - | - | - | - | - | 9 | 63 | - | - | - | - | - | 30 | 4 | 28 |
| 0010 | PEDESTRIAN DETOUR - STAGE 2 (SOUTH MEDIAN) | 7 | DAYS | - | - | - | - | - | - | - | - | - | - | 9 | 63 | - | - | - | - | - | 30 | 4 | 28 |
| 0010 | PEDESTRIAN DETOUR - STAGE 2 (SOUTHEAST CORNER) | 7 | DAYS | - | - | - | - | - | - | - | - | - | - | 16 | 112 | - | - | - | - | - | 60 | 6 | 42 |
| 0010 | MOVING PAVEMENT MARKING OPERATIONS | 1 | DAYS | - | - | - | - | - | - | - | - | - | - | 8 | 8 | - | - | - | - | - | - | - | - |
| 0010 | PROJECT 5992-07-07 | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 0010 | UNDISTRIBUTED | | | - | 690 | - | 90 | - | 180 | - | 123 | - | 4 | - | 353 | 1 | - | 12 | - | 29 | 18 | - | 22 |
| | **TOTALS** | | | | **7,200** | | **1,000** | | **2,000** | | **1,250** | | **60** | | **3,700** | **6** | | **40** | | **400** | **450** | | **400** |

3

3

PERMANENT PAVEMENT MARKINGS

| CATEGORY | LOCATION | 646.1020 MARKING LINE EPOXY 4-INCH (YELLOW) LF | 646.1020 MARKING LINE EPOXY 4-INCH (WHITE) LF | 646.2020 MARKING LINE EPOXY 6-INCH (WHITE) LF | 646.3020 MARKING LINE EPOXY 8-INCH (WHITE) LF | 646.5020 MARKING ARROW EPOXY (WHITE, TYPE 2) EACH | 646.5020 MARKING ARROW EPOXY (WHITE, TYPE 3) EACH | 646.5020 MARKING ARROW EPOXY (WHITE, BIKE LANE) EACH | 646.5120 MARKING WORD EPOXY (WHITE, ONLY) EACH | 646.5220 MARKING SYMBOL EPOXY (WHITE, BIKE SYMBOL) EACH | 646.7120 MARKING DIAGONAL EPOXY 12-INCH (WHITE) LF | 646.8220 MARKING ISLAND NOSE EPOXY (YELLOW) EACH | SPV.0090.04 SPECIAL (04. MARKING CROSSWALK EPOXY LADDER PATTERN 18-INCH) (WHITE) LF | SPV.0090.05 SPECIAL (05. MARKING STOP LINE EPOXY 24-INCH) (WHITE) LF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0010 | S. WHITNEY WAY, SOUTH APPROACH | - | - | - | - | - | - | - | - | - | - | 1 | 308 | 60 |
| 0010 | ODANA ROAD, WEST APPROACH | - | - | 20 | - | - | - | - | - | - | - | 1 | 221 | 33 |
| 0010 | INTERSECTION SKIP-DASH MARKINGS | - | - | 60 | - | - | - | - | - | - | - | - | - | - |
| 0010 | ODANA ROAD, EAST APPROACH | 50 | 75 | 140 | 260 | 2 | 2 | - | 2 | - | - | 1 | 192 | 33 |
| 0010 | S. WHITNEY WAY, NORTH APPROACH | - | - | 2,410 | - | - | - | 2 | - | 2 | 200 | 1 | 279 | 44 |
| | SUBTOTALS | 50 | 75 | - | - | 2 | 2 | 2 | - | - | - | - | - | - |
| | **TOTALS** | **125** | | **2,630** | **260** | | **6** | | **2** | **2** | **200** | **4** | **1,000** | **170** |

PAVEMENT MARKING REMOVALS

| CATEGORY | STATION | TO | STATION | LOCATION | 646.9002 MARKING REMOVAL LINE 6-INCH LF | 646.9100 MARKING REMOVAL LINE 8-INCH LF | 646.9200 MARKING REMOVAL LINE WIDE LF | 646.9300 MARKING REMOVAL SPECIAL MARKING EACH | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| 0010 | 103+10 | - | 105+80 | RT & LT | 800 | 55 | 180 | - | |
| 0010 | S. WHITNEY WAY, SOUTH OF TOKAY BOULEVARD | | | | - | - | - | 4 | TYPE 2 ARROW AND ONLY MARKINGS |
| | | | | **TOTALS** | **800** | **55** | **180** | **4** | |

3

SAWING

| CATEGORY | STATION | TO | STATION | LOCATION | 690.0150 SAWING ASPHALT LF | 690.0250 SAWING CONCRETE LF | REMARKS |
|---|---|---|---|---|---|---|---|
| 0010 | 102+97 | - | 103+20 | RT | - | 30 | SOUTHEAST CORNER |
| 0010 | 103+04 | - | 103+43 | LT & RT | 74 | 5 | SOUTH MEDIAN |
| 0010 | 103+13 | - | 103+51 | LT | 59 | 15 | SOUTHWEST CORNER |
| 0010 | 103+15 | - | 103+56 | RT | 57 | 52 | SOUTHEAST CORNER ISLAND |
| 0010 | 103+78 | - | 103+93 | RT | 345 | 9 | EAST MEDIAN |
| 0010 | 103+79 | - | 103+95 | LT | 97 | 9 | WEST MEDIAN |
| 0010 | 104+16 | - | 104+54 | LT | 47 | 20 | NORTHWEST CORNER |
| 0010 | 104+21 | - | 105+31 | LT & RT | 197 | 5 | NORTH MEDIAN |
| 0010 | 104+21 | - | 104+53 | RT | 109 | 15 | NORTHEAST CORNER |
| | | | | TOTALS | 985 | 160 | |

UTILITY LINE OPENING (ULO)

| CATEGORY | STATION | LOCATION | SPV.0060.02 SPECIAL (02. UTILITY LINE OPENING (ULO)) EACH |
|---|---|---|---|
| 0010 | 103+23 | 53' LT | 1 |
| 0010 | 104+28 | 66' LT | 1 |
| 0010 | UNDISTRIBUTED | | 1 |
| | | TOTAL | 3 |

3

## FIBER OPTIC REMOVALS

| CATEGORY | LOCATION | 204.9090.S.01 REMOVING (ITEM DESCRIPTION) (01. OR ABANDONING EXISTING FIBER CONDUIT) LF | 204.9090.S.02 REMOVING (ITEM DESCRIPTION) (02. FIBER CABLES FROM EXISITNG CONDUIT) LF |
|---|---|---|---|
| 0010 | WHITNEY WAY & ODANA ROAD | 48 | 150 |
| | **TOTALS** | **48** | **150** |

## STREET LIGHT WIRE REMOVAL

| CATEGORY | LOCATION | 204.9090.S.03 REMOVING (ITEM DESCRIPTION) (03. STREET LIGHT WIRE FROM EXISITNG CONDUIT) LF |
|---|---|---|
| 0010 | WHITNEY WAY & ODANA ROAD | 500 |
| | **TOTALS** | **500** |

## FIBER OPTIC SYSTEM

| CATEGORY | ITEM | STATION | LOCATION | 678.0400 FIBER OPTIC TERMINATION EACH | SPV.0060.22 FIBER OPTIC FUSION SPLICE - 1 TO 12 PER LOCATION EACH | SPV.0090.07 FIBER OPTIC CABLE 12-COUNT LF | * 655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF |
|---|---|---|---|---|---|---|---|
| 0010 | CB1 | 104+35.2 | 84.9' LT | 1 | 12 | 47 | 47 |
| 0010 | TC1 | 104+39.7 | 79.3' LT | 1 | 12 | 63 | - |
| | | | **TOTALS** | **2** | **24** | **110** | **47** |

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

## TRAFFIC SIGNAL REMOVALS

| CATEGORY | ITEM | STATION | LOCATION | 204.0195 REMOVING CONCRETE BASES EACH | 204.9060.S.01 REMOVING (ITEM DESCRIPTION) (01. TRAFFIC SIGNAL) EACH | 653.0905 REMOVING PULL BOXES EACH |
|---|---|---|---|---|---|---|
| 0010 | EXSB1 | 104+26.3 | 61.1' LT | 1 | - | - |
| 0010 | EXSB2 | 103+86.8 | 63.13' LT | 1 | - | - |
| 0010 | EXSB3 | 103+41.5 | 67.9' LT | 1 | - | - |
| 0010 | EXSB4 | 103+27.8 | 53.9' LT | 1 | - | - |
| 0010 | EXSB5 | 103+30.9 | 5.0' LT | 1 | - | - |
| 0010 | EXSB6 | 103+24.7 | 4.7' LT | 1 | - | - |
| 0010 | EXSB7 | 103+29.4 | 50.2' RT | 1 | - | - |
| 0010 | EXSB8 | 103+23.4 | 61.7' RT | 1 | - | - |
| 0010 | EXSB9 | 103+01.5 | 72.6' RT | 1 | - | - |
| 0010 | EXSB10 | 103+08.0 | 77.8' RT | 1 | - | - |
| 0010 | EXSB11 | 103+26.4 | 98.8' RT | 1 | - | - |
| 0010 | EXSB12 | 103+45.8 | 87.4' RT | 1 | - | - |
| 0010 | EXSB13 | 103+47.9 | 59.4' RT | 1 | - | - |
| 0010 | EXSB14 | 104+29.5 | 65.0' RT | 1 | - | - |
| 0010 | EXSB15 | 104+40.9 | 51.5' RT | 1 | - | - |
| 0010 | EXSB16 | 104+41.4 | 6.3' RT | 1 | - | - |
| 0010 | EXSB17 | 104+46.3 | 5.4' RT | 1 | - | - |
| 0010 | EXSB18 | 104+42.4 | 50.6' LT | 1 | - | - |
| 0010 | EXCB1 | 104+31.7 | 69.0' RT | 1 | - | - |
| 0010 | EXPB2 | 103+45.3 | 77.4' LT | - | - | 1 |
| 0010 | EXPB3 | 103+45.8 | 100.0' LT | - | - | 1 |
| 0010 | EXPB4 | 103+41.6 | 5.1' LT | - | - | 1 |
| 0010 | EXPB5 | 102+86.1 | 5.5' LT | - | - | 1 |
| 0010 | EXPB6 | 103+25.7 | 54.5' RT | - | - | 1 |
| 0010 | EXPB7 | 103+06.8 | 75.7' RT | - | - | 1 |
| 0010 | EXPB8 | 104+42.2 | 54.6' RT | - | - | 1 |
| 0010 | EXPB9 | 104+48.7 | 5.4' RT | - | - | 1 |
| 0010 | EXPB10 | 104+81.2 | 5.6' RT | - | - | 1 |
| 0010 | UNDISTRIBUTED | | | - | - | 2 |
| 0010 | WHITNEY WAY & ODANA ROAD | | | - | 1 | - |
| | | | **TOTALS** | **19** | **1** | **11** |

## TRAFFIC SIGNAL PULL BOXES

| CATEGORY | PULL BOX NUMBER | STATION | LOCATION | SPV.0060.10 ELECTRICAL PULL BOX TYPE V EACH | SPV.0060.11 ELECTRICAL PULL BOX TYPE VII EACH |
|---|---|---|---|---|---|
| 0010 | PB1 | 104+45.3 | 62.37' LT | 1 | - |
| 0010 | PB2 | 104+53.4 | 5.5' RT | 1 | - |
| 0010 | PB3 | 104+53.8 | 52.9' RT | 1 | - |
| 0010 | PB4 | 104+30.2 | 74.0' RT | 1 | - |
| 0010 | PB5 | 103+85.5 | 73.3' RT | 1 | - |
| 0010 | PB6 | 103+45.1 | 70.1' RT | 1 | - |
| 0010 | PB7 | 103+14.1 | 83.6' RT | 1 | - |
| 0010 | PB8 | 103+25.3 | 54.6' RT | 1 | - |
| 0010 | PB9 | 103+18.3 | 5.2' LT | 1 | - |
| 0010 | PB10 | 103+23.1 | 55.0' LT | 1 | - |
| 0010 | PB11 | 103+43.5 | 78.' LT | 1 | - |
| 0010 | PB12 | 103+86.8 | 82.7' LT | 1 | - |
| 0010 | PB13 | 104+35.5 | 92.0' LT | - | 1 |
| | | | **TOTALS** | **12** | **1** |

## STREET LIGHTING PULL BOXES

| CATEGORY | PULL BOX NUMBER | STATION | LOCATION | SPV.0060.12 ELECTRICAL PULL BOX TYPE I EACH |
|---|---|---|---|---|
| 0010 | LPB1 | 103+25.50 | 51.00' LT | 1 |
| | | | **TOTAL** | **1** |

## TRAFFIC SIGNAL CONDUIT

| CATEGORY | FROM | TO | 652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF | 652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF | 625.0615 CONDUIT SPECIAL 3-INCH LF | 652.0700.S INSTALL CONDUIT INTO EXISTING ITEM EACH | NOTES |
|---|---|---|---|---|---|---|---|
| 0010 | CB1 | PB1 | 22 | - | 44 | - | 2-3", 1-2" |
| 0010 | PB1 | SB1 | 10 | - | - | - | 1-2" |
| 0010 | PB1 | PB2 | 68 | - | 136 | - | 2-3", 1-2" |
| 0010 | PB2 | SB2 | 11 | - | - | - | 1-2" |
| 0010 | PB2 | SB3 | 23 | - | - | - | 1-2" |
| 0010 | PB2 | SB4 | 17 | - | - | - | 1-2" |
| 0010 | PB2 | PB3 | 46 | - | 92 | - | 2-3", 1-2" |
| 0010 | PB3 | SB5 | 14 | - | - | - | 1-2" |
| 0010 | PB3 | PB4 | 33 | 66 | - | - | 2-3", 1-2" |
| 0010 | PB4 | SB6 | 5 | - | - | - | 1-2" |
| 0010 | PB4 | PB5 | 43 | - | 86 | - | 2-3", 1-2" |
| 0010 | PB5 | SB7 | 3 | - | - | - | 1-2" |
| 0010 | PB5 | PB6 | 39 | - | 78 | - | 2-3", 1-2" |
| 0010 | PB6 | SB8 | 2 | - | - | - | 1-2" |
| 0010 | PB6 | SB9 | 17 | - | - | - | 1-2" |
| 0010 | PB6 | PB7 | 32 | - | 32 | - | 1-3", 1-2" |
| 0010 | PB6 | PB8 | 23 | 46 | - | - | 2-3", 1-2" |
| 0010 | PB7 | SB10 | 19 | - | - | - | 1-2" |
| 0010 | PB7 | SB11 | 8 | - | - | - | 1-2" |
| 0010 | PB7 | SB12 | 17 | - | - | | 1-2" |
| 0010 | PB8 | SB13 | 6 | - | - | - | 1-2" |
| 0010 | PB8 | SB14 | 5 | - | - | - | 1-2" |
| 0010 | PB8 | PB9 | 59 | - | 118 | - | 2-3", 1-2" |
| 0010 | PB9 | SB15 | 9 | - | - | - | 1-2" |
| 0010 | PB9 | PB10 | 49 | - | 98 | - | 2-3", 1-2" |
| 0010 | PB10 | SB16 | 4 | - | - | - | 1-2" |
| 0010 | PB10 | PB11 | 32 | 64 | - | - | 2-3", 1-2" |
| 0010 | PB11 | SB17 | 7 | - | - | - | 1-2" |
| 0010 | PB11 | PB12 | 42 | - | 84 | - | 2-3", 1-2" |
| 0010 | PB12 | SB18 | 18 | - | - | | 1-2" |
| 0010 | PB12 | SB19 | 3 | - | - | - | 1-2" |
| 0010 | PB12 | PB13 | 47 | - | 94 | - | 2-3", 1-2" |
| 0010 | PB13 | SB20 | 26 | - | - | - | 1-2" |
| 0010 | PB13 | EXPB1 | - | 24 | - | 1 | 1-3" |
| 0010 | PB13 | CB1 | 3 | - | 6 | - | 2-3", 1-2" |
| | | **TOTALS** | **762** | **200** | **868** | **1** | |

## TRAFFIC SIGNAL CONCRETE BASES

| CATEGORY | SIGNAL BASE NUMBER | STATION | LOCATION | SPV.0060.06 CONCRETE BASE TYPE P EACH | SPV.0060.07 CONCRETE BASE TYPE G EACH | SPV.0060.08 CONCRETE BASE TYPE LB-3 EACH | SPV.0060.09 CONCRETE BASE TYPE LB-8 EACH | 654.0120 CONCRETE BASES TYPE 10 SPECIAL EACH |
|---|---|---|---|---|---|---|---|---|
| 0010 | SB1 | 104+36.7 | 56.6' LT | - | - | 1 | - | - |
| 0010 | SB2 | 104+41.5 | 5.0' RT | - | 1 | - | - | - |
| 0010 | SB3 | 104+30.0 | 4.9' RT | - | 1 | - | - | - |
| 0010 | SB4 | 104+36.6 | 13.0' RT | - | - | - | 1 | - |
| 0010 | SB5 | 104+39.7 | 56.4' RT | - | - | - | 1 | - |
| 0010 | SB6 | 104+32.0 | 69.0' RT | - | 1 | - | - | - |
| 0010 | SB7 | 103+85.3 | 70.1' RT | - | - | - | 1 | - |
| 0010 | SB8 | 103+48.0 | 68.5' RT | - | - | - | 1 | - |
| 0010 | SB9 | 103+45.8 | 87.2' RT | - | 1 | - | - | - |
| 0010 | SB10 | 103+27.0 | 99.5' RT | - | 1 | - | - | - |
| 0010 | SB11 | 103+07.6 | 77.4' RT | - | 1 | - | - | - |
| 0010 | SB12 | 103+01.6 | 72.6' RT | - | - | 1 | - | - |
| 0010 | SB13 | 103+23.9 | 61.3' RT | - | 1 | - | - | - |
| 0010 | SB14 | 103+28.4 | 45.6' RT | - | - | 1 | - | - |
| 0010 | SB15 | 103+27.5 | 5.0' LT | - | - | - | 1 | - |
| 0010 | SB16 | 103+27.7 | 58.2' LT | - | - | - | 1 | - |
| 0010 | SB17 | 103+39.6 | 71.3' LT | - | 1 | - | - | - |
| 0010 | SB18 | 103+86.8 | 64.0' RT | - | 1 | - | - | - |
| 0010 | SB19 | 103+86.7 | 78.2' LT | - | - | 1 | - | - |
| 0010 | SB20 | 104+27.9 | 65.7' LT | - | - | - | - | 1 |
| 0010 | CB1 | 104+35.2 | 84.9' LT | 1 | - | | - | - |
| | | | **TOTALS** | **1** | **9** | **4** | **6** | **1** |

3

## TRAFFIC SIGNAL INTERSECTION ITEMS

| CATEGORY | LOCATION | SPV.0060.15 NEMA TS2 TYPE 1 TRAFFIC SIGNAL CONTROL CABINET EACH | 656.0201.01 ELECTRICAL SERVICE METER BREAKER PEDESTAL (LOCATION) (01. STA. 104+35.2, 84.9' LT) EACH | SPV.0060.01 FURNISH & INSTALL APS SYSTEM EACH | 658.5070.01 SIGNAL MOUNTING HARDWARE (LOCATION) (01. WHITNEY WAY & ODANA ROAD EACH | SPV.0060.16 NON-INTRUSIVE VEHICLE DETECTION SYSTEM EACH | SPV.0060.17 OPTICAL SIGNAL PREEMPT EACH | SPV.0060.21 TEMPORARY FIBER EACH | SPV.0060.23 TEMPORARY TRAFFIC SIGNALS (WHITNEY WAY & ODANA ROAD EACH |
|---|---|---|---|---|---|---|---|---|---|
| 0010 | WHITNEY WAY & ODANA ROAD | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | **TOTALS** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** |

## TRAFFIC SIGNAL POLES

| CATEGORY | SIGNAL BASE NUMBER | 657.0100 PEDESTAL BASES EACH | SPV.0060.32 TRANSFORMER BASE 16-INCH STEEL EACH | TRAFFIC SIGNAL STANDARDS: 657.0405 ALUMINUM 3.5-FOOT EACH | 657.0430 ALUMINUM 10-FOOT EACH | 657.0420 ALUMINUM 13-FOOT EACH | 657.0425 ALUMINUM 15-FOOT EACH | SPV.0060.19 POLE 30-FOOT, 7 GAUGE EACH | SPV.0060.18 POLE 30-FOOT, 11 GAUGE EACH | 657.0347 POLES TYPE 9-SPECIAL EACH | SPV.0060.20 POLE 20-FOOT, 7 GAUGE EACH | TRAFFIC SIGNAL TROMBONE ARM: SPV.0060.28 ALUMINUM 12-FOOT EACH | SPV.0060.29 ALUMINUM 18-FOOT EACH | SPV.0060.30 ALUMINUM 22-FOOT EACH | SPV.0060.31 ALUMINUM 25-FOOT EACH | 657.0536 MONOTUBE ARMS 35-FT-SPECIAL EACH | SPV.0060.13 LED LIGHT ASSEMBLY TYPE 1 EACH | SPV.0060.14 LED LIGHT ASSEMBLY TYPE 2 EACH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0010 | SB1 | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | 1 | - |
| 0010 | SB2 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 0010 | SB3 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 0010 | SB4 | - | - | - | - | - | - | 1 | - | - | - | - | 1 | - | - | - | 1 | - |
| 0010 | SB5 | - | 1 | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | - | - |
| 0010 | SB6 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 0010 | SB7 | - | - | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - | - | 2 |
| 0010 | SB8 | - | 1 | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - |
| 0010 | SB9 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 0010 | SB10 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 0010 | SB11 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 0010 | SB12 | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | 1 | - |
| 0010 | SB13 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 0010 | SB14 | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | 1 | - |
| 0010 | SB15 | - | 1 | - | - | - | - | - | - | - | 1 | - | - | - | 1 | - | - | - |
| 0010 | SB16 | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - | 1 | - |
| 0010 | SB17 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| 0010 | SB18 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 0010 | SB19 | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | 2 |
| 0010 | SB20 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - |
| | **TOTALS** | **9** | **7** | **2** | **2** | **3** | **2** | **3** | **4** | **1** | **3** | **1** | **2** | **2** | **1** | **1** | **5** | **4** |

TRAFFIC SIGNAL FACES

| | | | SPV.0060.24 | SPV.0060.25 | SPV.0060.26 | SPV.0060.27 | SPV.0060.03 | SPV.0060.04 | SPV.0060.05 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | TRAFFIC SIGNAL HEADS | | | | RETROREFLECTIVE BACKPLATES, | | | |
| | | | 12-INCH, | 12-INCH, | 12-INCH, | 16-INCH | 3-SECTION, | 4-SECTION, | 5-SECTION, | |
| | SIGNAL | | 3-SECTION | 4-SECTION | 5-SECTION | PEDESTRIAN WITH | 12-INCH | 12-INCH | 12-INCH | |
| | BASE | HEAD | | | | COUNTDOWN | | | | |
| CATEGORY | NUMBER | NUMBER | EACH | EACH | EACH | EACH | EACH | EACH | EACH | NOTE: PUSH BUTTON & SIGN |
| 0010 | SB1 | 1 | 1 | - | - | - | 1 | - | - | |
| 0010 | | 2 | 1 | - | - | - | 1 | - | - | |
| 0010 | | B | - | - | - | - | - | - | - | RIGHT FACING ARROW |
| 0010 | | 8-4 | - | - | - | 1 | - | - | - | |
| 0010 | SB2 | 3 | 1 | - | - | - | 1 | - | - | |
| 0010 | | 4 | 1 | - | - | - | 1 | - | - | |
| 0010 | SB3 | B | - | - | - | - | - | - | - | RIGHT FACING ARROW |
| 0010 | SB4 | 5 | 1 | - | - | - | 1 | - | - | |
| 0010 | | 6 | 1 | - | - | - | 1 | - | - | |
| 0010 | | B | - | - | - | - | - | - | - | RIGHT FACING ARROW |
| 0010 | | 8-3 | - | - | - | 1 | - | - | - | |
| 0010 | | 8-2 | - | - | - | 1 | - | - | - | |
| 0010 | SB5 | 7 | 1 | - | - | - | 1 | - | - | |
| 0010 | | B | - | - | - | - | - | - | - | LEFT FACING ARROW |
| 0010 | | 8-1 | - | - | - | 1 | - | - | - | |
| 0010 | SB6 | 8 | 1 | - | - | - | 1 | - | - | |
| 0010 | | 9 | - | 1 | - | - | - | 1 | - | |
| 0010 | | B | - | - | - | - | - | - | - | RIGHT FACING ARROW |
| 0010 | | 6-6 | - | - | - | 1 | - | - | - | |
| 0010 | SB7 | 10 | - | 1 | - | - | - | 1 | - | |
| 0010 | | B | - | - | - | - | - | - | - | DUAL ARROW |
| 0010 | | 6-5 | - | - | - | 1 | - | - | - | |
| 0010 | | 6-4 | - | - | - | 1 | - | - | - | |
| 0010 | SB8 | 11 | 1 | - | - | - | 1 | - | - | |
| 0010 | | 12 | - | - | 1 | - | - | - | 1 | |
| 0010 | | B | - | - | - | - | - | - | - | LEFT FACING ARROW |
| 0010 | | 6-3 | - | - | - | 1 | - | - | - | |
| 0010 | SB9 | 13 | 1 | - | - | - | 1 | - | - | |
| 0010 | SB10 | 14 | 1 | - | - | - | 1 | - | - | |
| 0010 | SB11 | B | - | - | - | - | - | - | - | RIGHT FACING ARROW |
| 0010 | | 6-1 | - | - | - | 1 | - | - | - | |
| 0010 | SB12 | 15 | 1 | - | - | - | 1 | - | - | |
| 0010 | SB13 | B | - | - | - | - | - | - | - | LEFT FACING ARROW |
| 0010 | | 6-2 | - | - | - | 1 | - | - | - | |

(CONTINUED ON NEXT SHEET)

TRAFFIC SIGNAL FACES (CONTINUED)

| | | | SPV.0060.24 | SPV.0060.25 | SPV.0060.26 | SPV.0060.27 | SPV.0060.03 | SPV.0060.04 | SPV.0060.05 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | TRAFFIC SIGNAL HEADS | | | | RETROREFLECTIVE BACKPLATES, | | | |
| | | | 12-INCH, | 12-INCH, | 12-INCH, | 16-INCH | 3-SECTION, | 4-SECTION, | 5-SECTION, | |
| | SIGNAL | | 3-SECTION | 4-SECTION | 5-SECTION | PEDESTRIAN WITH | 12-INCH | 12-INCH | 12-INCH | |
| | BASE | HEAD | | | | COUNTDOWN | | | | |
| CATEGORY | NUMBER | NUMBER | EACH | EACH | EACH | EACH | EACH | EACH | EACH | NOTE: PUSH BUTTON & SIGN |
| 0010 | SB14 | 16 | 1 | - | - | - | 1 | - | - | |
| 0010 | | 17 | 1 | - | - | - | 1 | - | - | |
| 0010 | | 18 | 1 | - | - | - | 1 | - | - | |
| 0010 | | B | - | - | - | - | - | - | - | RIGHT FACING ARROW |
| 0010 | | 4-4 | - | - | - | 1 | - | - | - | |
| 0010 | SB15 | 19 | 1 | - | - | - | 1 | - | - | |
| 0010 | | 20 | 1 | - | - | - | 1 | - | - | |
| 0010 | | 21 | 1 | - | - | - | 1 | - | - | |
| 0010 | | 22 | 1 | - | - | - | 1 | - | - | |
| 0010 | | 4-2 | - | - | - | 1 | - | - | - | |
| 0010 | | 4-3 | - | - | - | 1 | - | - | - | |
| 0010 | | B | - | - | - | - | - | - | - | DUAL ARROW |
| 0010 | SB16 | 23 | 1 | - | - | - | 1 | - | - | |
| 0010 | | B | - | - | - | - | - | - | - | LEFT FACING ARROW |
| 0010 | | 4-1 | - | - | - | 1 | - | - | - | |
| 0010 | SB17 | 24 | 1 | - | - | - | 1 | - | - | |
| 0010 | | 25 | - | - | 1 | - | - | - | 1 | |
| 0010 | | B | - | - | - | - | - | - | - | RIGHT FACING ARROW |
| 0010 | | 2-2 | - | - | - | 1 | - | - | - | |
| 0010 | SB18 | B | - | - | - | - | - | - | - | DUAL ARROW |
| 0010 | SB19 | 26 | - | 1 | - | - | - | 1 | - | |
| 0010 | SB20 | 27 | 1 | - | - | - | 1 | - | - | |
| 0010 | | 28 | - | 1 | - | - | - | 1 | - | |
| 0010 | | 29 | 1 | - | - | - | 1 | - | - | |
| 0010 | | B | - | - | - | - | - | - | - | LEFT FACING ARROW |
| 0010 | | 2-1 | - | - | - | 1 | - | - | - | |
| | | TOTALS | 23 | 4 | 2 | 16 | 23 | 4 | 2 | |

TRAFFIC SIGNAL CABLE AND WIRE

| CATEGORY | FROM | TO | 655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG LF | 655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG LF | SPV.0090.06 FURNISH AND INSTALL CAT-6 CABLE LF |
|---|---|---|---|---|---|
| 0010 | CB1 | SB1 | - | 54 | - |
| 0010 | CB1 | SB1 | - | 54 | - |
| 0010 | SB1 | HEAD 1 | 19 | - | - |
| 0010 | SB1 | HEAD 2 | 19 | - | - |
| 0010 | SB1 | PED HEAD 8-4 | 15 | - | - |
| 0010 | SB1 | PED BUTTON | 11 | - | - |
| 0010 | CB1 | SB2 | - | 139 | - |
| 0010 | SB2 | HEAD 3 | 19 | - | - |
| 0010 | SB2 | HEAD 4 | 19 | - | - |
| 0010 | CB1 | SB3 | - | 151 | - |
| 0010 | SB3 | PED BUTTON | 11 | - | - |
| 0010 | CB1 | SB4 | - | 144 | - |
| 0010 | CB1 | SB4 | - | 144 | - |
| 0010 | SB4 | HEAD 5 | 19 | - | - |
| 0010 | SB4 | HEAD 6 | 40 | - | - |
| 0010 | SB4 | PED HEAD 8-3 | 15 | - | - |
| 0010 | SB4 | PED HEAD 8-2 | 15 | - | - |
| 0010 | SB4 | PED BUTTON | 11 | - | - |
| 0010 | SB4 | CS | - | - | 171 |
| 0010 | CB1 | SB5 | - | 204 | - |
| 0010 | SB5 | HEAD 7 | 43 | - | - |
| 0010 | SB5 | PED HEAD 8-1 | 15 | - | - |
| 0010 | SB5 | PED BUTTON | 11 | - | - |
| 0010 | CB1 | SB6 | - | 244 | - |
| 0010 | CB1 | SB6 | - | 244 | - |
| 0010 | SB6 | HEAD 8 | 22 | - | - |
| 0010 | SB6 | HEAD 9 | 22 | - | - |
| 0010 | SB6 | PED HEAD 6-6 | 15 | - | - |
| 0010 | SB6 | PED BUTTON | 11 | - | - |
| 0010 | CB1 | SB7 | - | 301 | - |
| 0010 | CB1 | SB7 | - | 301 | - |
| 0010 | SB7 | HEAD 10 | 37 | - | - |
| 0010 | SB7 | PED HEAD 6-5 | 15 | - | - |
| 0010 | SB7 | PED HEAD 6-4 | 15 | - | - |
| 0010 | SB7 | PED BUTTON | 11 | - | - |
| 0010 | CB1 | SB8 | - | 355 | - |
| 0010 | CB1 | SB8 | - | 355 | - |
| 0010 | SB8 | HEAD 11 | 40 | - | - |
| 0010 | SB8 | HEAD 12 | 30 | - | - |
| 0010 | SB8 | PED HEAD 6-3 | 15 | - | - |
| 0010 | SB8 | PED BUTTON | 11 | - | - |
| 0010 | CB1 | SB9 | - | 370 | - |
| 0010 | SB9 | HEAD 13 | 19 | - | - |
| 0010 | CB1 | SB10 | - | 420 | - |
| 0010 | SB10 | HEAD 14 | 19 | - | - |

(CONTINUED)

TRAFFIC SIGNAL CABLE AND WIRE (CONTINUED)

| CATEGORY | FROM | TO | 655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG LF | 655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG LF | SPV.0090.06 FURNISH AND INSTALL CAT-6 CABLE LF |
|---|---|---|---|---|---|
| 0010 | CB1 | SB11 | - | 409 | - |
| 0010 | SB11 | PED HEAD 6-1 | 15 | - | - |
| 0010 | SB11 | PED BUTTON | 11 | - | - |
| 0010 | CB1 | SB12 | - | 417 | - |
| 0010 | SB12 | HEAD 15 | 19 | - | - |
| 0010 | CB1 | SB13 | - | 340 | - |
| 0010 | SB13 | PED HEAD 6-2 | 15 | - | - |
| 0010 | SB13 | PED BUTTON | 11 | - | - |
| 0010 | CB1 | SB14 | - | 339 | - |
| 0010 | CB1 | SB14 | - | 339 | - |
| 0010 | SB14 | HEAD 16 | 19 | - | - |
| 0010 | SB14 | HEAD 17 | 19 | - | - |
| 0010 | SB14 | HEAD 18 | 19 | - | - |
| 0010 | SB14 | PED HEAD 4-4 | 15 | - | - |
| 0010 | SB14 | PED BUTTON | 11 | - | - |
| 0010 | CB1 | SB15 | - | 268 | - |
| 0010 | CB1 | SB15 | - | 268 | - |
| 0010 | SB15 | HEAD 19 | 19 | - | - |
| 0010 | SB15 | HEAD 20 | 19 | - | - |
| 0010 | SB15 | HEAD 21 | 38 | - | - |
| 0010 | SB15 | HEAD 22 | 50 | - | - |
| 0010 | SB15 | PED HEAD 4-2 | 15 | - | - |
| 0010 | SB15 | PED HEAD 4-3 | 15 | - | - |
| 0010 | SB15 | PED BUTTON | 11 | - | - |
| 0010 | SB15 | PED BUTTON | 11 | - | - |
| 0010 | CB1 | SB 16 | - | 198 | - |
| 0010 | SB16 | HEAD 23 | 41 | - | - |
| 0010 | SB16 | PED HEAD 4-1 | 15 | - | - |
| 0010 | SB16 | PED BUTTON | 11 | - | - |
| 0010 | CB1 | SB17 | - | 153 | - |
| 0010 | CB1 | SB17 | - | 153 | - |
| 0010 | SB17 | HEAD 24 | 23 | - | - |
| 0010 | SB17 | HEAD 25 | 23 | - | - |
| 0010 | SB17 | PED HEAD 2-2 | 15 | - | - |
| 0010 | SB17 | PED BUTTON | 11 | - | - |
| 0010 | CB1 | SB 18 | - | 106 | - |
| 0010 | SB18 | PED BUTTON | 11 | - | - |
| 0010 | CB1 | SB19 | - | 91 | - |
| 0010 | SB19 | HEAD 26 | 22 | - | - |
| 0010 | CB1 | SB20 | - | 51 | - |
| 0010 | CB1 | SB20 | - | 51 | - |
| 0010 | SB20 | HEAD 27 | 59 | - | - |
| 0010 | SB20 | HEAD 28 | 48 | - | - |
| 0010 | SB20 | HEAD 29 | 35 | - | - |
| 0010 | SB20 | PED HEAD 2-1 | 15 | - | - |
| 0010 | SB20 | PED BUTTON | 11 | - | - |
| | | TOTALS | 1,236 | 6,663 | 171 |

ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG

| | | | 655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG | |
|---|---|---|---|---|
| | | | GROUNDING CONDUCTOR (WHITE) | EQUIPMENT GROUNDING CONDUCTOR (GREEN) |
| CATEGORY | FROM | TO | LF | LF |
| 0010 | CB1 | SB1 | 55 | 55 |
| 0010 | SB1 | SB2 | 126 | 126 |
| 0010 | SB2 | SB3 | 55 | 55 |
| 0010 | SB3 | SB4 | 61 | 61 |
| 0010 | SB4 | SB5 | 114 | 114 |
| 0010 | SB5 | SB6 | 89 | 89 |
| 0010 | SB6 | SB7 | 88 | 88 |
| 0010 | SB7 | SB8 | 81 | 81 |
| 0010 | SB8 | SB9 | 40 | 40 |
| 0010 | SB9 | SB10 | 105 | 105 |
| 0010 | SB10 | SB11 | 48 | 48 |
| 0010 | SB11 | SB12 | 45 | 45 |
| 0010 | SB12 | SB13 | 130 | 130 |
| 0010 | SB13 | SB14 | 32 | 32 |
| 0010 | SB14 | SB15 | 110 | 110 |
| 0010 | SB15 | SB16 | 99 | 99 |
| 0010 | SB16 | SB17 | 80 | 80 |
| 0010 | SB17 | SB18 | 104 | 104 |
| 0010 | SB18 | SB19 | 42 | 42 |
| 0010 | SB19 | SB20 | 113 | 113 |
| 0010 | SB20 | CB1 | 52 | 52 |
| | **SUBTOTALS** | | **1,669** | **1,669** |
| | **TOTAL** | | **3,338** | |

LIGHTING CABLE AND WIRE

| | | | 655.0305 CABLE TYPE UF 2-12 AWG GROUNDED | * 655.0610 ELECTRICAL WIRE LIGHTING 12 AWG |
|---|---|---|---|---|
| CATEGORY | FROM | TO | LF | LF |
| 0010 | CB1 | SB1 | 54 | - |
| 0010 | SB1 | LUM | - | 123 |
| 0010 | CB1 | SB4 | 145 | - |
| 0010 | SB4 | LUM | - | 123 |
| 0010 | CB1 | EXLP2 | 309 | - |
| 0010 | EXLP2 | LUM | - | 123 |
| 0010 | CB1 | SB7 | 301 | - |
| 0010 | SB7 | LUM | - | 246 |
| 0010 | CB1 | SB11 | 417 | - |
| 0010 | SB6 | LUM | - | 123 |
| 0010 | CB1 | SB14 | 339 | - |
| 0010 | SB14 | LUM | - | 123 |
| 0010 | CB1 | SB16 | 198 | - |
| 0010 | SB16 | LUM | - | 123 |
| 0010 | CB1 | SB19 | 91 | - |
| 0010 | SB19 | LUM | - | 246 |
| | | **TOTALS** | **1,854** | **1,230** |

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

RECEIVED
5/7/2026
DANE COUNTY CLERK

Relocation Order # 812

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED HEREON, THE CITY OF MADISON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS SHOWN HEREON FOR THE ABOVE-NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTION 62.22, WISCONSIN STATUTES, THE CITY OF MADISON ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS RELOCATION ORDER IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS RELOCATION ORDER ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF MADISON, PURSUANT TO THE PROVISIONS OF SUBSECTION 62.22, WISCONSIN STATUTES.

**R/W PROJECT NUMBER: 5992-07-06** | **SHEET NUMBER: 1 OF 1**

RELOCATION ORDER
CITY OF MADISON, SOUTH WHITNEY WAY
ODANA ROAD INTERSECTION

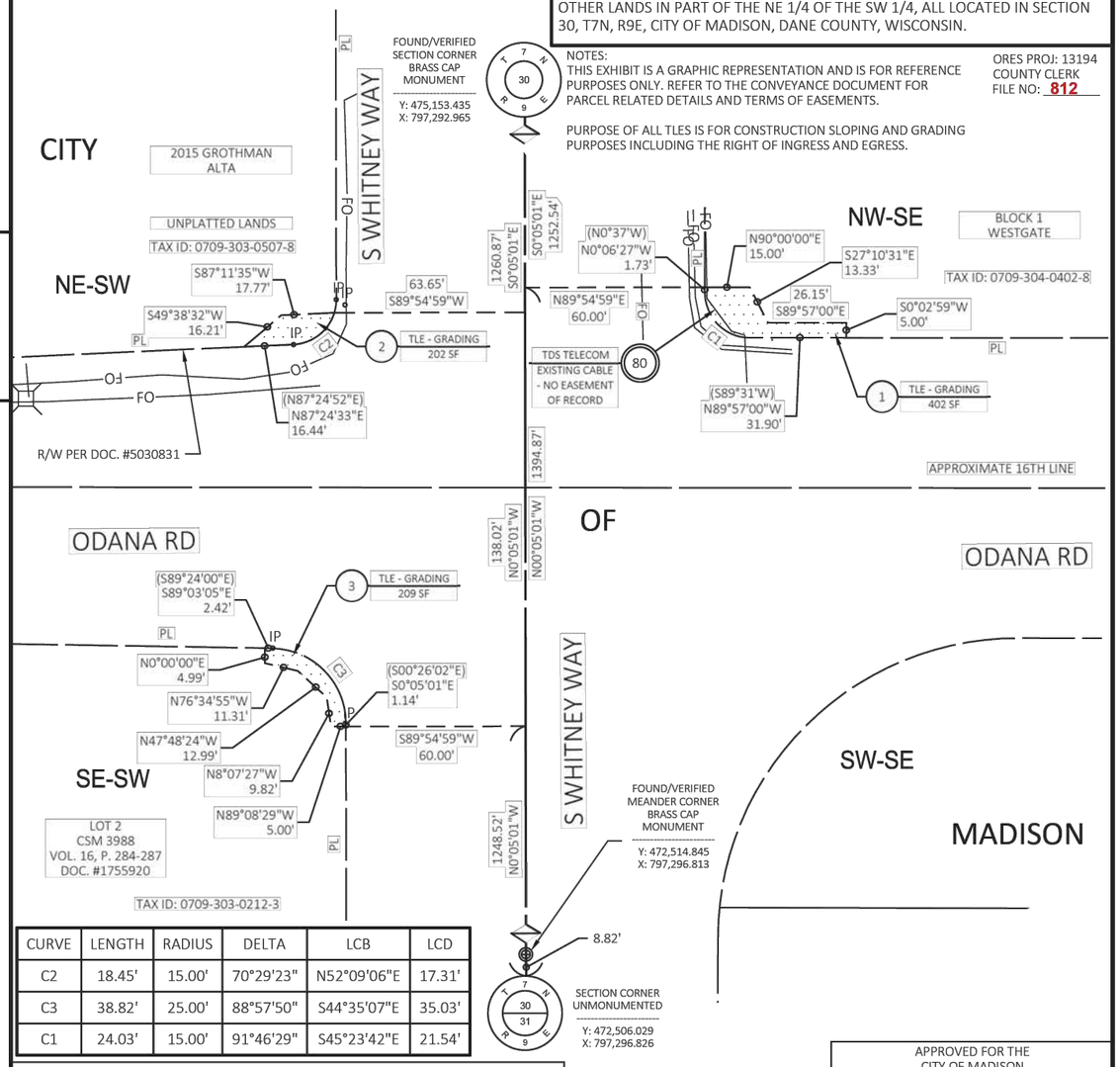
LOCAL STREET — DANE COUNTY

PART OF BLOCK 1 OF WESTGATE, LOCATED IN THE NW 1/4 OF THE SE 1/4, AND PART OF LOT 2 OF CSM 3988, LOCATED IN THE SE 1/4 OF THE SW 1/4, AND OTHER LANDS IN PART OF THE NE 1/4 OF THE SW 1/4, ALL LOCATED IN SECTION 30, T7N, R9E, CITY OF MADISON, DANE COUNTY, WISCONSIN.

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS AND TERMS OF EASEMENTS.

PURPOSE OF ALL TLES IS FOR CONSTRUCTION SLOPING AND GRADING PURPOSES INCLUDING THE RIGHT OF INGRESS AND EGRESS.

ORES PROJ: 13194
COUNTY CLERK
FILE NO: 812




| CURVE | LENGTH | RADIUS | DELTA | LCB | LCD |
|---|---|---|---|---|---|
| C2 | 18.45' | 15.00' | 70°29'23" | N52°09'06"E | 17.31' |
| C3 | 38.82' | 25.00' | 88°57'50" | S44°35'07"E | 35.03' |
| C1 | 24.03' | 15.00' | 91°46'29" | S45°23'42"E | 21.54' |

## SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

| PARCEL NUMBER | OWNER | INTEREST REQUIRED | TLE S.F. |
|---|---|---|---|
| 1 | REFUEL HOLDINGS LLC, A WISCONSIN LIMITED LIABILITY COMPANY | TLE | 402 |
| 2 | MARVIN DEVELOPMENT OF SOUTH DAKOTA, LLC | TLE | 202 |
| 3 | HERITAGE SQUARE LLP | TLE | 209 |

## UTILITY INTERESTS REQUIRED

| UTILITY NUMBER | UTILITY OWNER(S) | INTEREST REQUIRED |
|---|---|---|
| 80 | TDS TELECOM | RELEASE OF RIGHTS |

APPROVED FOR THE CITY OF MADISON

RELOCATION ORDER APPROVED BY THE COMMON COUNCIL.
RESOLUTION: RES-26-00195 FILE ID: 92355
DATE: 4/21/2026 CITY CLERK
EFFECTIVE: 4/21/2026

RELOCATION ORDER APPROVED BY THE PLANNING COMMISSION.
DATE: 4/13/2026 Timothy M Parks, for EXECUTIVE SECRETARY

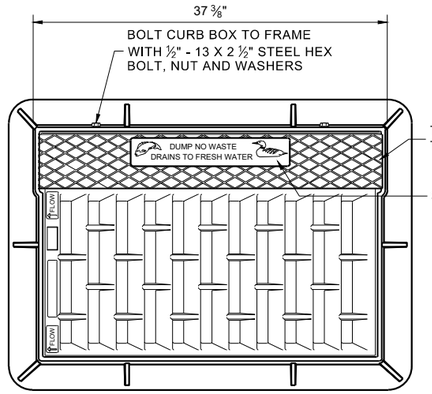
RELOCATION ORDER APPROVED BY THE BOARD OF PUBLIC WORKS.
DATE: 4/8/2026 EXECUTIVE SECRETARY

FILE NAME : 00373130_ODANA_TLE EXHIBITS.DWG PLOT DATE : 12/22/2025 8:21 AM R/W PROJECT: R/W PROJ NO

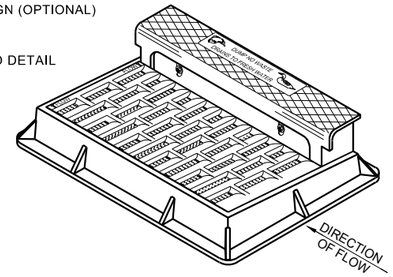
# Standard Detail Drawing List

| | |
|---|---|
| 08A05-22A | INLET COVERS TYPE A, H, A-S, H-S AND Z |
| 08C07-03 | INLETS 2X2-FT, 2X2.5-FT, 2X3-FT, 2.5X3-FT & 2X3.5-FT |
| 08D01-24A | CONCRETE CURB AND GUTTER |
| 08D01-24B | CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS |
| 08D05-23A | CURB RAMPS TYPES 1 AND 1-A |
| 08D05-23B | CURB RAMPS TYPES 2 AND 3 |
| 08D05-23C | CURB RAMPS TYPES 4A AND 4A1 |
| 08D05-23D | CURB RAMPS TYPES 4B AND 4B1 |
| 08D05-23E | CURB RAMPS TYPES 5, 6, 7A, 7B & 8 |
| 08D05-23F | CURB RAMPS RADIAL DETECTABLE WARNING FIELD |
| 08D05-23G | CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES |
| 08E10-02 | INLET PROTECTION TYPES A, B, C AND D |
| 09B02-10 | CONDUIT |
| 09C03-04 | TRANSFORMER/PEDESTAL BASES |
| 09C15-03 | CONCRETE BASE TYPE 10 SPECIAL |
| 09C16-01 | CONCRETE BASE TYPE 10 SPECIAL EXTENSION |
| 09E01-17G | HARDWARE DETAILS FOR POLE MOUNTING |
| 09E03-06 | NON-FREEWAY LIGHTING UNIT POLE WIRING |
| 09E06-06 | TRAFFIC SIGNAL STANDARD POLY BRACKET MOUNTINGS (TYPICAL) 13 FT. OR 15 FT. |
| 09E07-06 | TRAFFIC SIGNAL STANDARD PEDESTRIAN AND FLASHER TYPICAL MOUNTING DETAILS |
| 09E08-11B | TYPE 9 SPECIAL POLE 35' MONOTUBE ARM |
| 09E08-11K | GENERAL NOTES AND HARDWARE FOR TYPES 9, 10, 9/10 SPECIAL,12 AND13 POLES WITH MONOTUBE ARMS |
| 09G01-04A | SPAN WIRE TEMPORARY TRAFFIC SIGNAL |
| 09G01-04B | SPAN WIRE TEMPORARY TRAFFIC SIGNAL |
| 09G01-04C | SPAN WIRE TEMPORARY TRAFFIC SIGNAL |
| 09G01-04D | SPAN WIRE TEMPORARY TRAFFIC SIGNAL |
| 09G01-04E | SPAN WIRE TEMPORARY TRAFFIC SIGNAL |
| 09G01-04F | SPAN WIRE TEMPORARY TRAFFIC SIGNAL |
| 09G01-04G | SPAN WIRE TEMPORARY TRAFFIC SIGNAL |
| 11B02-02 | CONCRETE MEDIAN NOSE |
| 15C07-16A | PAVEMENT MARKING SYMBOLS |
| 15C07-16B | PAVEMENT MARKING WORDS |
| 15C07-16C | PAVEMENT MARKING ARROWS |
| 15C07-16E | PAVEMENT MARKING FOR BIKE LANES |
| 15C08-24A | PERMANENT LONGITUDINAL PAVEMENT MARKINGS |
| 15C08-24B | TEMPORARY LONGITUDINAL PAVEMENT MARKING |
| 15C08-24C | PAVEMENT MARKING (TURN LANES) |
| 15C08-24D | PAVEMENT MARKING (TURN LANES) |
| 15C11-11B | CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS |
| 15C18-09A | MEDIAN ISLAND PAVEMENT MARKINGS |
| 15C18-09B | PAVEMENT MARKINGS, MEDIAN ISLAND NOSE |
| 15C19-11C | MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY |
| 15C33-05 | STOP LINE AND CROSSWALK PAVEMENT MARKING |
| 15D20-12A | TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY |
| 15D20-12B | TRAFFIC CONTROL, SINGLE RIGHT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY |
| 15D20-12C | TRAFFIC CONTROL, SINGLE LEFT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY |
| 15D21-07A | TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT LANE CLOSURE |
| 15D21-07B | TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LEFT LANE CLOSURE |
| 15D30-12A | TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION |
| 15D30-12B | TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION |
| 15D30-12C | TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION |
| 15D30-12E | TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION |
| 15D30-12F | TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION |
| 15D30-12K | TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION |

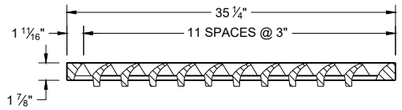

6

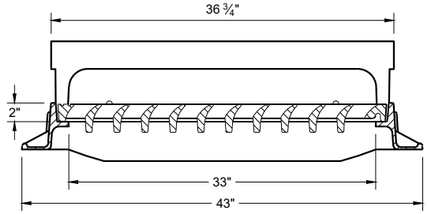


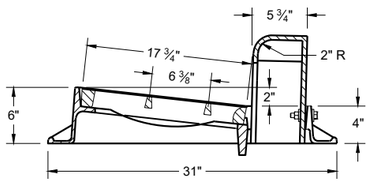

NOTE: EITHER CASTING IS ACCEPTABLE

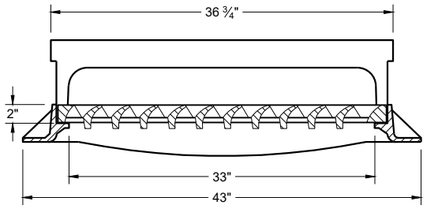


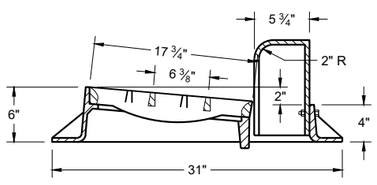

NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"



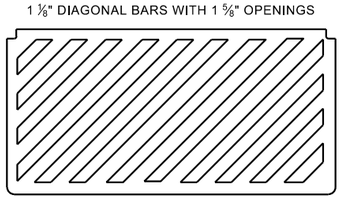




**TYPE "H"**

NOTE: EITHER CASTING IS ACCEPTABLE

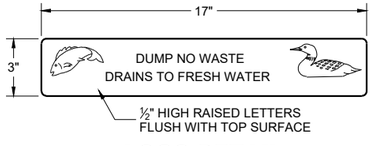
1 ⅛" DIAGONAL BARS WITH 1 ⅝" OPENINGS



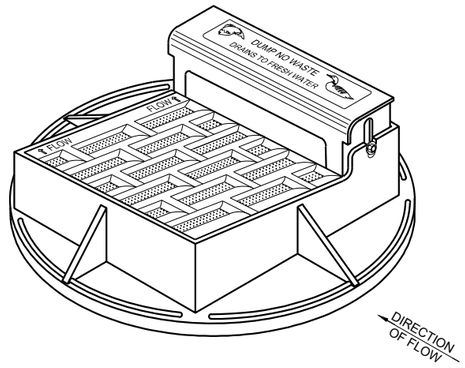
**SPECIAL GRATE FOR TYPE "H" COVER**

(MEASURES 35" X 17 ¾" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

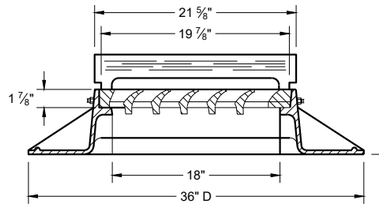


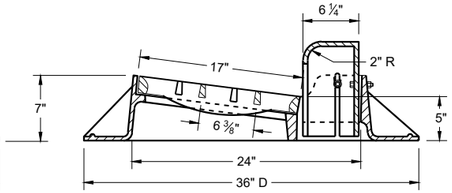

**LOGO DETAIL**



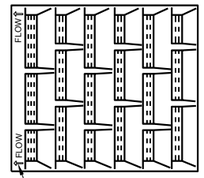

NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

NOTE: EITHER CASTING IS ACCEPTABLE

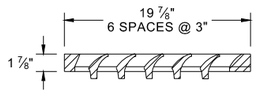


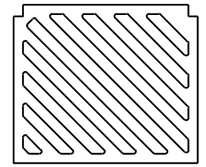

**TYPE "A"**




DIRECTION OF FLOW ARROWS




1" DIAGONAL BARS
WITH 1 ½" OPENINGS



**SPECIAL GRATE FOR TYPE "A" COVER**

(MEASURES 19 ¾" X 17" X 1 ⅞")

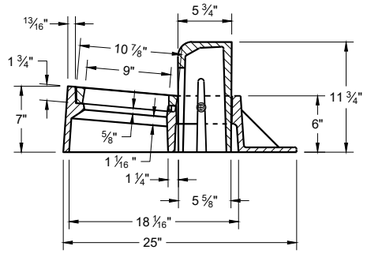
(NOTED AS TYPE A-S ON DRAINAGE TABLE)

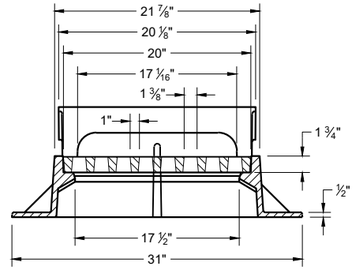
## GENERAL NOTES

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.

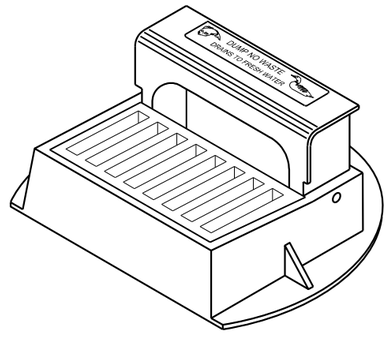
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.




**TYPE "Z"**



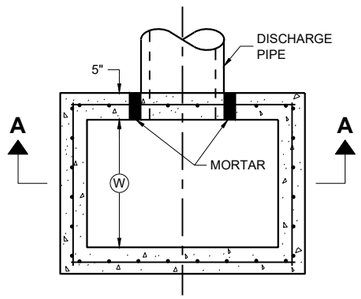

**INLET COVERS**
**TYPES A, H, A-S, H-S AND Z**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

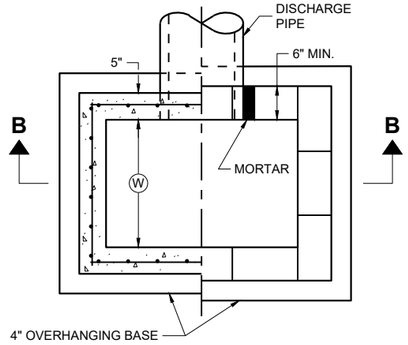
APPROVED
February 2025
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

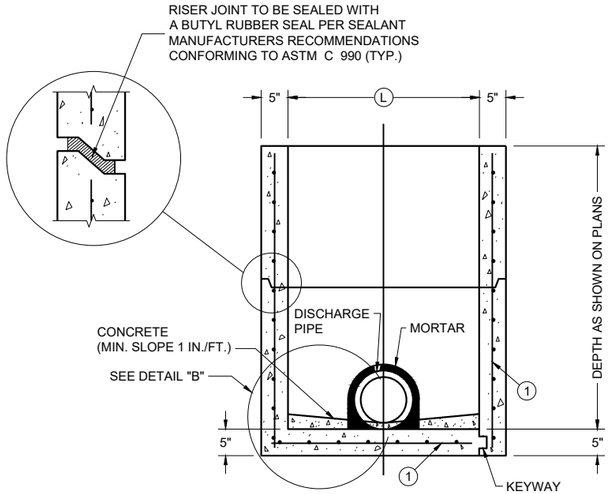
FHWA




**PLAN VIEW**



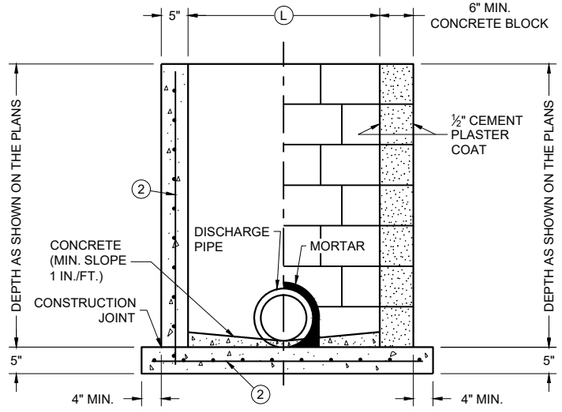

**PLAN VIEW**




**PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE**

**PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE**

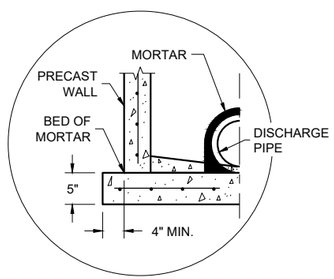
**SECTION A - A**




**CAST IN PLACE REINFORCED CONCRETE**

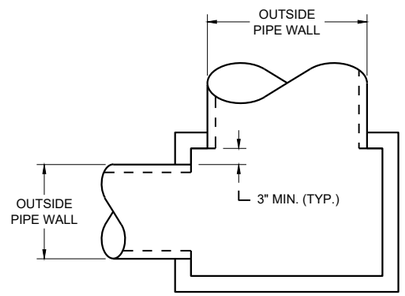
**CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE** (1)

**SECTION B - B**




**SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION**

**DETAIL "B"**




**DETAIL "A"**

## GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP N0T SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

(1) FOR PRECAST INLETS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913
(2) CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

## CATCH BASIN COVER MATRIX

| INLET SIZE | WIDTH (W) (FT.) | LENGTH (L) (FT.) | INLET COVER TYPE | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | ALL A'S | ALL B'S | BW | F | ALL H'S | S | T | V | WM | V V-B |
| 2 X 2-FT | 2 | 2 | X | X | | | | X | | | | |
| 2 X 2.5-FT | 2 | 2.5 | | | X | | | X | X | X | X | |
| 2 X 3-FT | 2 | 3 | | | | | X | | | | | |
| 2.5 X 3-FT | 2.5 | 3 | | | | X | | | | | | |
| 2 X 3.5-FT | 2 | 3.5 | | | | | | | | | | X |

## PIPE MATRIX

| CATCH BASIN SIZE | MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES | |
|---|---|---|
| | WIDTH (IN) | LENGTH (IN) |
| 2 X 2-FT | 12 | 12 |
| 2 X 2.5-FT | 12 | 18 |
| 2 X 3-FT | 12 | 24 |
| 2.5 X 3-FT | 18 | 24 |
| 2 X 3.5-FT | 12 | 30 |

**INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2X3.5-FT**

**INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2 X 3.5-FT**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

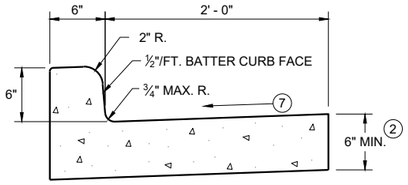
APPROVED
December 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

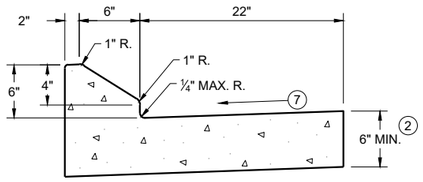
FHWA



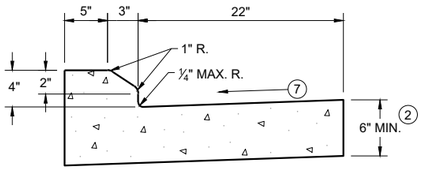

6
SDD 08C07-03



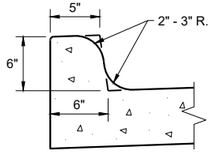

**TYPES A (1) & D**



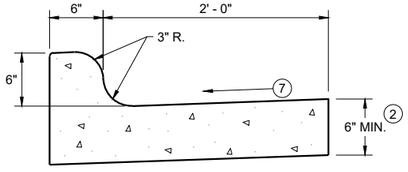

**6" SLOPED CURB TYPES G (1) & J**




**4" SLOPED CURB TYPES G (1) & J**

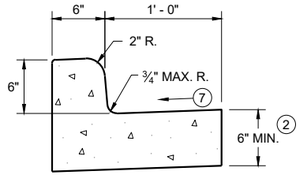



**TYPES K (1) & L**
(OPTIONAL CURB SHAPE)



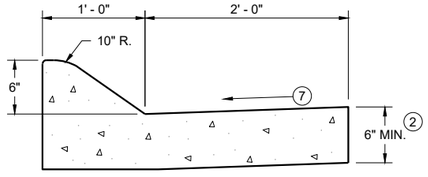

**TYPES K (1) & L**

**CONCRETE CURB AND GUTTER 30"**

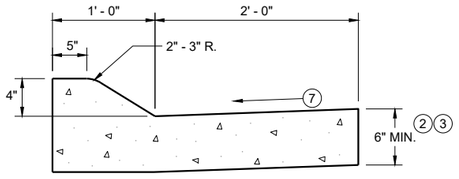



**TYPES A (1) & D**

**CONCRETE CURB AND GUTTER 18"**

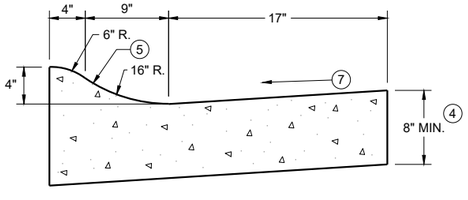



**6" SLOPED CURB TYPES A (1) & D**



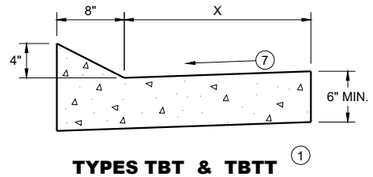

**4" SLOPED CURB TYPES A (1) & D**

**CONCRETE CURB AND GUTTER 36"**




**4" SLOPED CURB TYPES R (1) & T**
**CONCRETE CURB AND GUTTER 30"**

| TBT & TBTT | X |
|---|---|
| 30" | 22" |
| 36" | 28" |

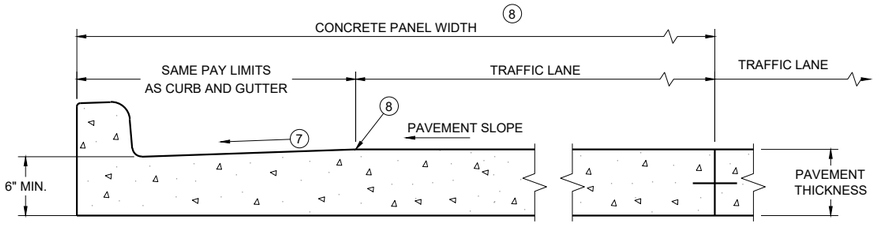



**TYPES TBT & TBTT (1)**

**CONCRETE CURB AND GUTTER**

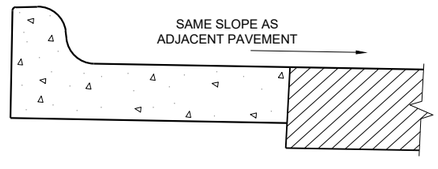
**PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE**

| PAVEMENT THICKNESS | MAXIMUM PANEL WIDTH |
|---|---|
| LESS THAN 10" | 12' |
| 10" & ABOVE | 15' |




**PARTIAL SECTION OF PAVEMENT * WITH INTEGRAL CURB AND GUTTER**

* BIKE LANE IS NOT SHOWN




**REVERSE SLOPE GUTTER (6)**
(TYPICAL FOR ALL CURB & GUTTER TYPES)

## GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

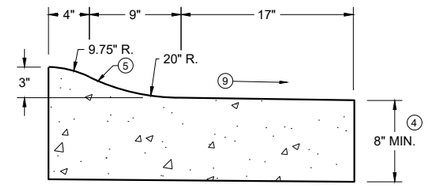
(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

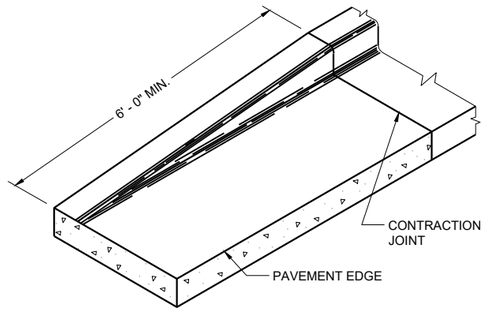
(9) SLOPE TO BE REVERSE SLOPE MATCHING THE SLOPE OF THE PAVEMENT AND THE CIRCULATORY ROADWAY



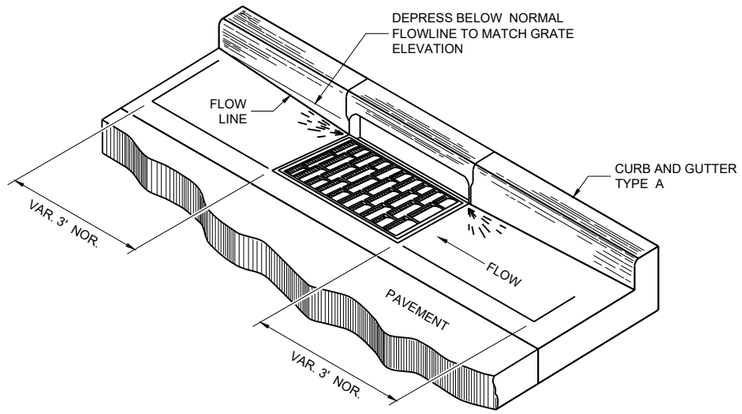

**3" SLOPED CURB TYPES R (1) & T**

**CONCRETE CURB AND GUTTER**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION




## END SECTION CURB AND GUTTER




## DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

## GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

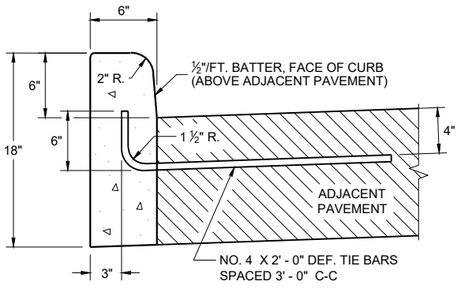
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

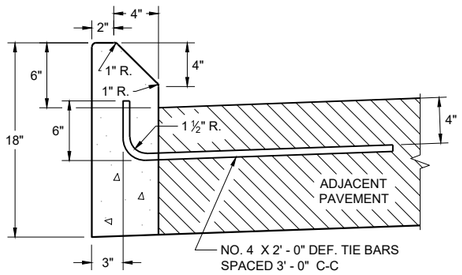
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(10) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

(11) PLACE 1" THICK EXPANSION JOINT MATERIAL BETWEEN VERTICAL FACE CURB TYPES EXTENDING FROM THE TOP OF CURB TO 1 INCH BELOW THE ADJOINING CONCRETE SURFACE. RIGID CONCRETE STRUCTURES INCLUDE RAISED CONCRETE MEDIANS, CONCRETE SAFETY ISLANDS, SPLITTER ISLANDS, OR LOCATIONS IDENTIFIED ON THE PLANS.

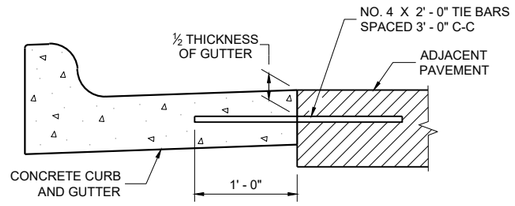



TYPES A (1) & D

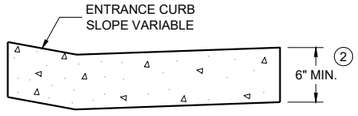



TYPES G (1) & J

## CONCRETE CURB

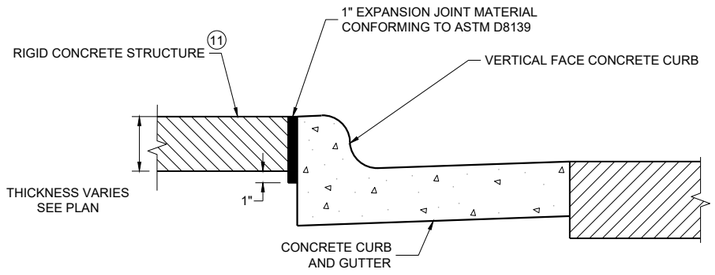



## TYPICAL TIE BAR LOCATION (1)

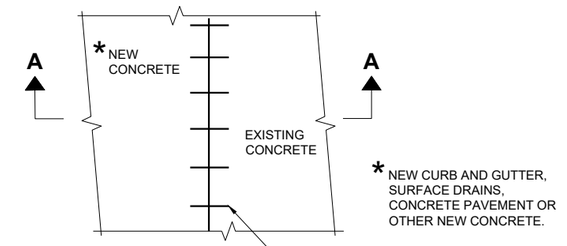



## DRIVEWAY ENTRANCE CURB (10)

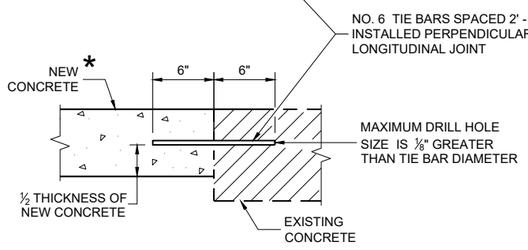
(WHEN DIRECTED BY THE ENGINEER)




## EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)




PLAN VIEW




SECTION A - A

## TIE BARS DRILLED INTO EXISTING PAVEMENT

**CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS**

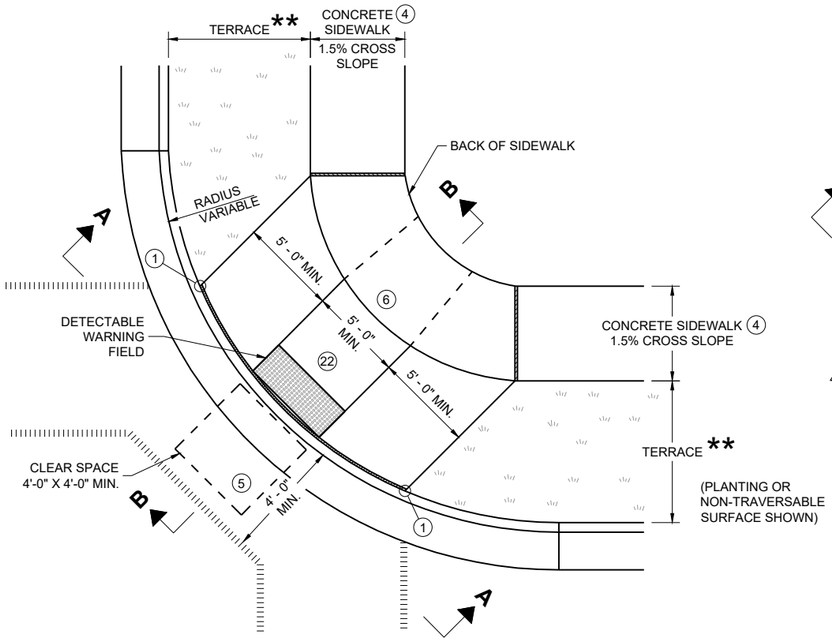
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA



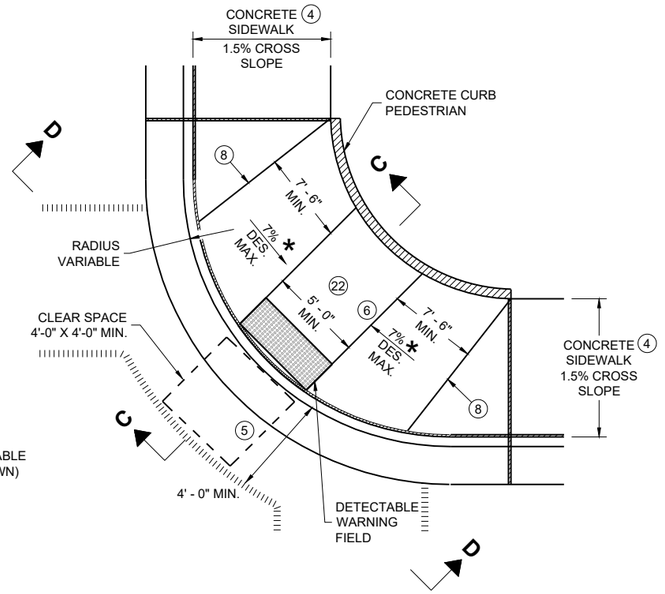
6
SDD 08D01-24b




**PLAN VIEW**

## CURB RAMP TYPE 1

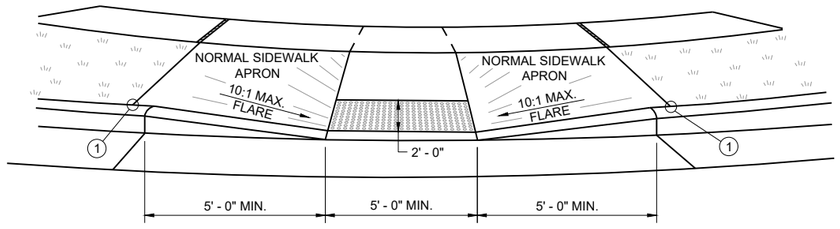
**(CENTER OF CORNER RADIUS)**



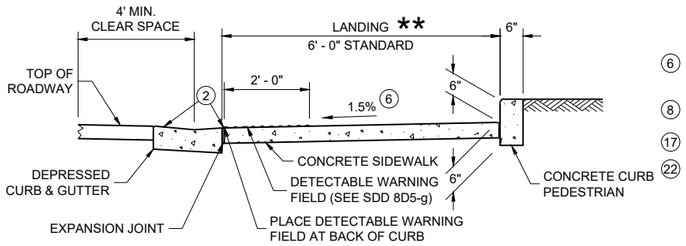

**PLAN VIEW**

## CURB RAMP TYPE 1 - A

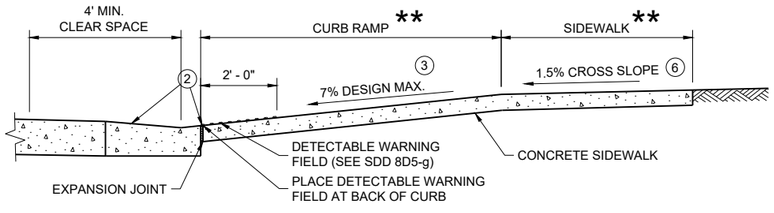
**(NO TERRACE)**



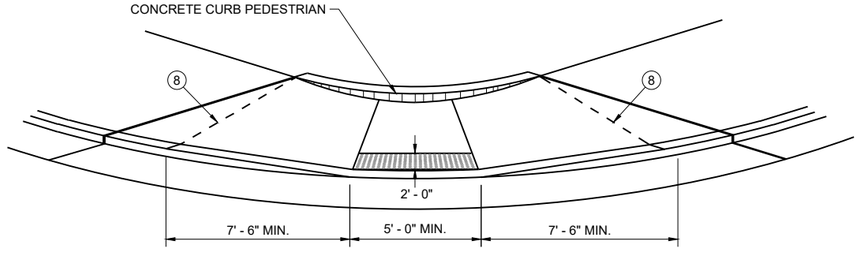

**VIEW A - A FOR TYPE 1**




**SECTION C - C FOR TYPE 1 - A**




**SECTION B - B FOR TYPE 1**




**VIEW D - D FOR TYPE 1 - A**

## GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

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.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE CURB RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF CURB RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE CURB RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A CLEAR SPACE IN THE STREET AND GUTTER AREA. WHEN THE GUTTER CROSS SLOPE EXCEEDS 2.1%, CONSTRUCT THE CLEAR SPACE IN THE STREET AREA AND THE 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE. FOR RECONSTRUCTION AND MODERNIZATION PROJECTS THE CLEAR SPACE SLOPE PARALLEL TO THE CURBLINE SHOULD BE 2.1% MAX FOR CROSSINGS THAT ARE STOP AND YIELD CONTROLLED, AND 5% MAX FOR THOSE THAT ARE SIGNAL CONTROLLED. FOR PERPETUATION AND REHABILITATION PROJECTS THE SLOPE OF THE CLEAR SPACE PARALLEL TO THE CURBLINE WILL MATCH THE ROADWAY LONGITUDINAL SLOPE. THE SLOPE OF THE CLEAR SPACE PERPENDICULAR TO THE CURBLINE WILL MATCH THE ROADWAY CROSS SLOPE BUT SHOULD NOT EXCEED 5% UNLESS THE ROADWAY IS SUPERELEVATED (WHEN SUPERELEVATED THE ROADWAY CROSS SLOPE SHOULD MATCH THE SUPERELEVATION).

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

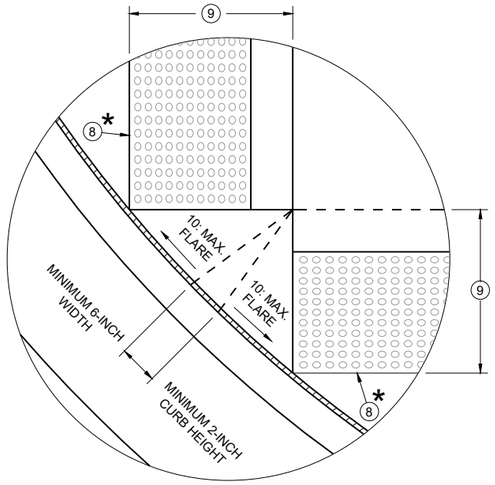
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

## LEGEND

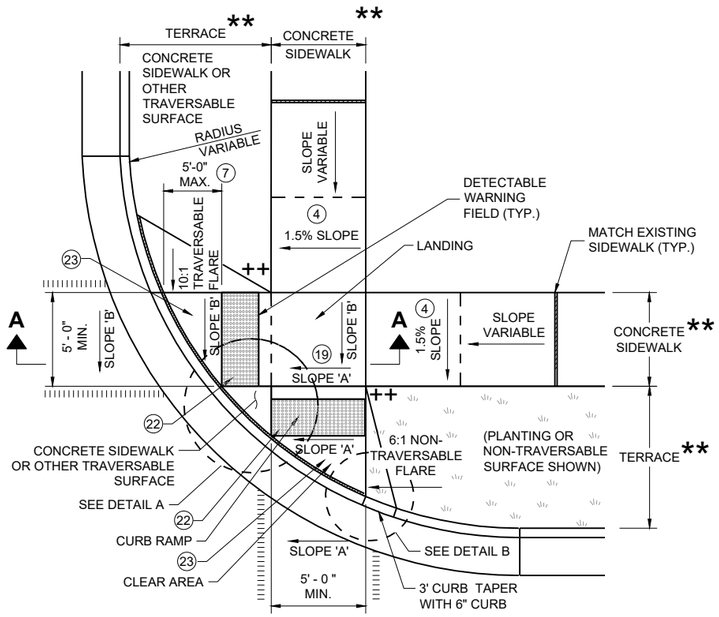
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 8.3%
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS

**CURB RAMPS TYPE 1 AND 1-A**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



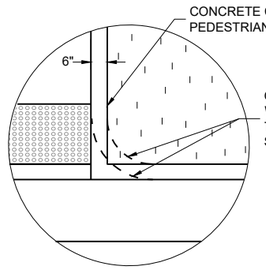

**DETAIL A**




**PLAN VIEW**

## CURB RAMP TYPE 2

**(CENTER OF CORNER RADIUS)**




**DETAIL B**




**PLAN VIEW**

## CURB RAMP TYPE 3

**(OUTSIDE OF CROSSWALK AREA)**

## GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

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.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% DESIGN MAXIMUM SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% DESIGN MAXIMUM SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

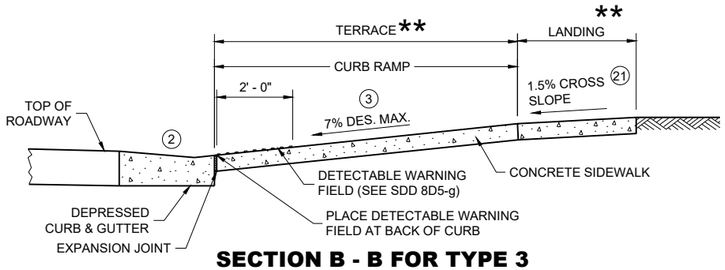
(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

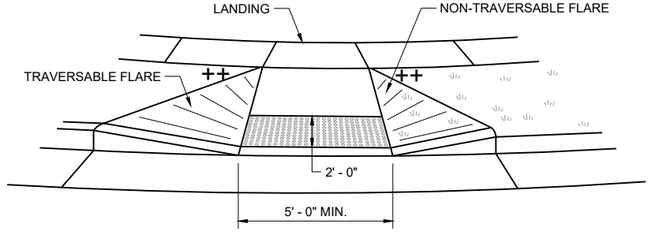
(21) PROVIDE A LANDING WITH A SLOPE PARALLEL TO ROADWAY THAT MATCHES SLOPE AT THE BOTTOM OF THE ADJACENT RAMP. SLOPE PERPENDICULAR TO ROADWAY SHALL BE 2.1% MAXIMUM. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

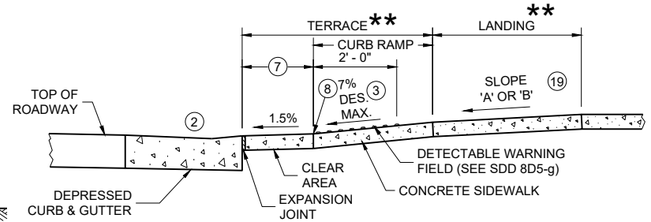
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.




**SECTION B - B FOR TYPE 3**




**VIEW C - C FOR TYPE 3**




**SECTION A - A FOR TYPE 2**

### LEGEND

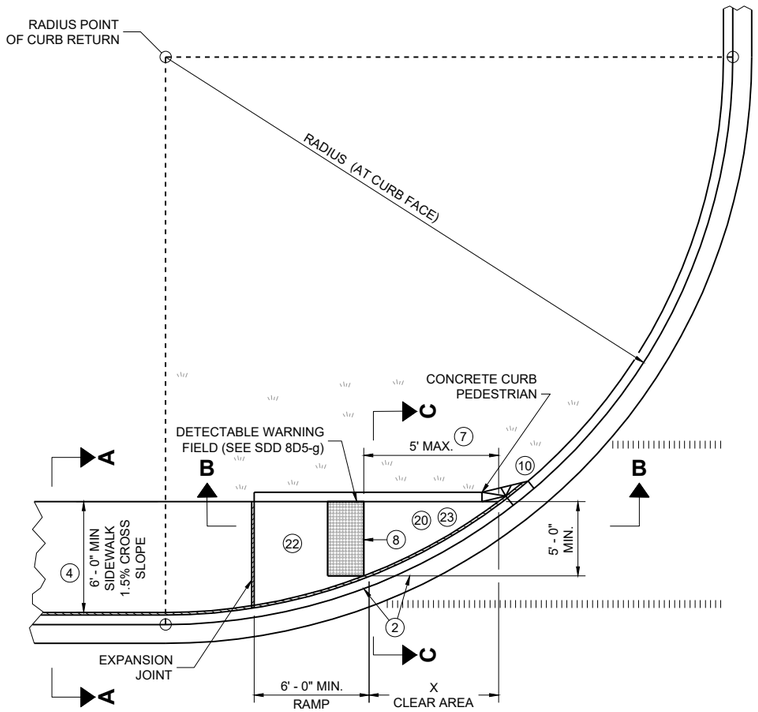
| | |
|---|---|
| ▨ | ½" EXPANSION JOINT SIDEWALK |
| - - - - | CONTRACTION JOINT SIDEWALK |
| ıllıllıllıllıl | PAVEMENT MARKING CROSSWALK (WHITE) |
| * | MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK |
| ** | WIDTH SHOWN ELSEWHERE IN THE PLANS |
| ++ | CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE |

**CURB RAMPS TYPE 2 AND 3**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION


6

SDD 08D05-23b




**PLAN VIEW**

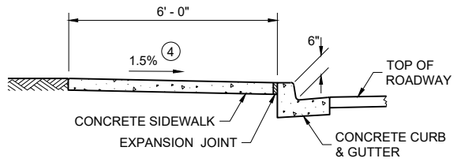
**CURB RAMP TYPE 4A**

## LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

| RADIUS (AT CURB FACE) | X |
|---|---|
| 10 FEET | 4' - 7" |

INTERMEDIATE RADII CAN BE INTERPOLATED




**SECTION A - A FOR TYPE 4A**

## GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

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.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

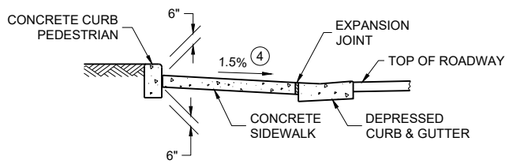
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

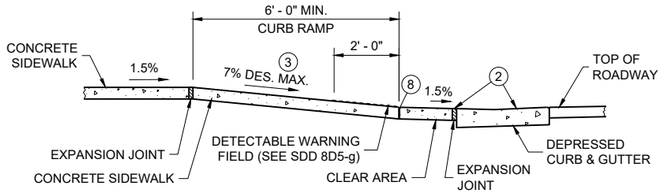
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

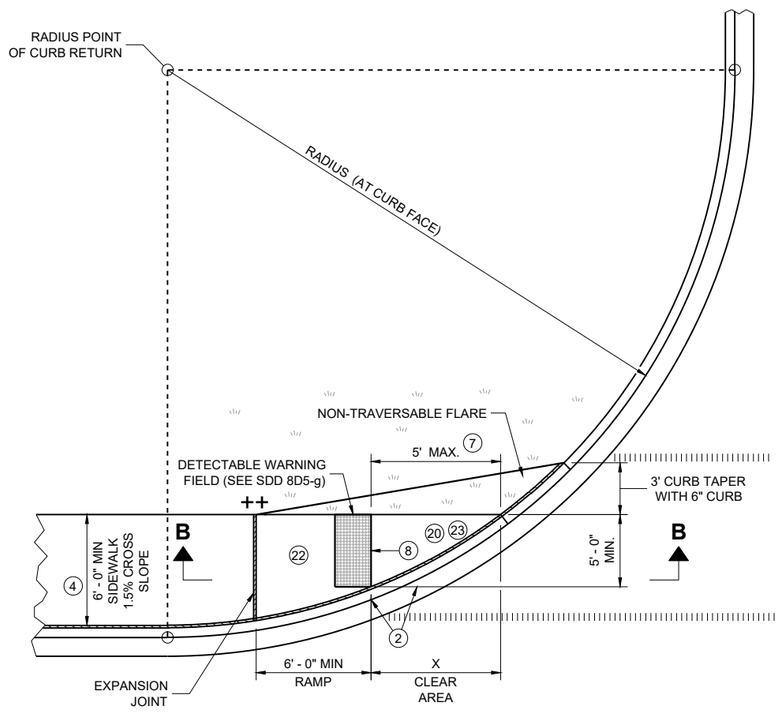
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.




**SECTION C - C FOR TYPE 4A**

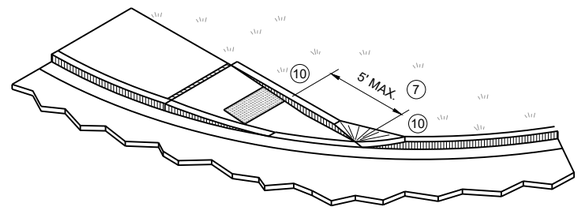



**SECTION B - B FOR TYPE 4A AND TYPE 4A1**

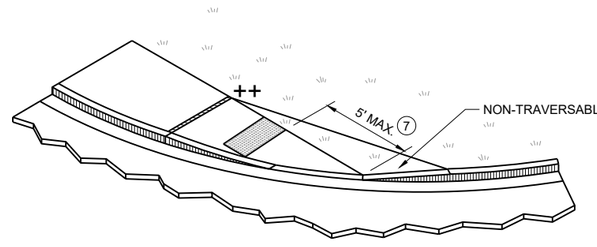



**PLAN VIEW**

**CURB RAMP TYPE 4A1**




**ISOMETRIC VIEW FOR TYPE 4A**



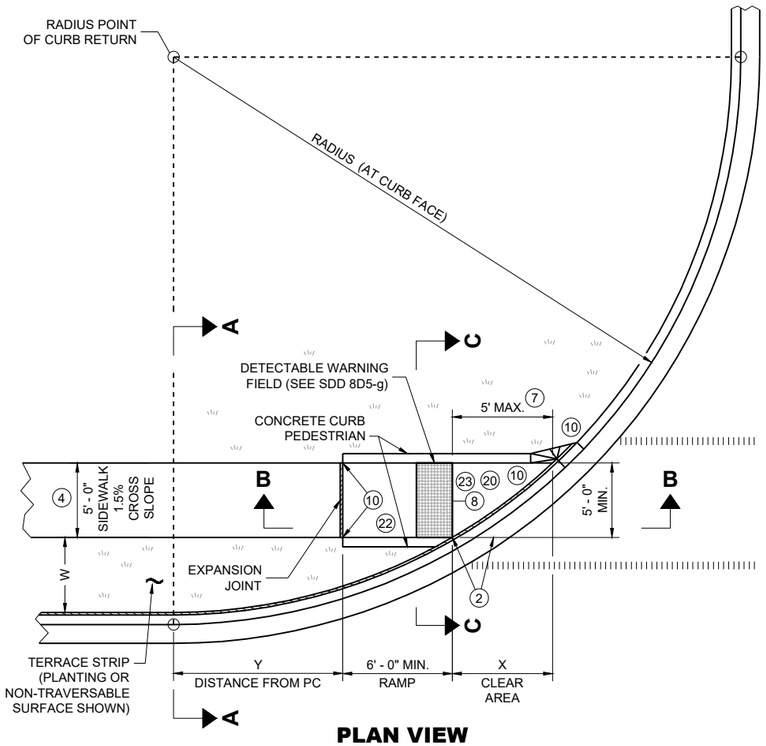

**ISOMETRIC VIEW FOR TYPE 4A1**

**CURB RAMPS**
**TYPE 4A AND 4A1**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION


6

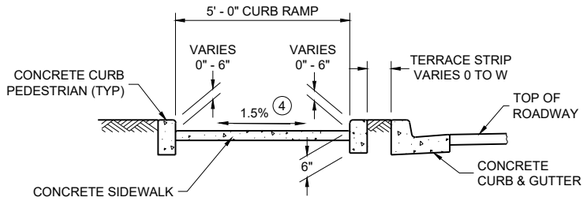

SDD 08D05-23c




**PLAN VIEW**
**CURB RAMP TYPE 4B**

| RADIUS (AT CURB FACE) | W = 3' - 0" | | W = 4' - 0" | | W = 5' - 0" | | W = 6' - 0" | | W = 7' - 0" | | W = 8' - 0" | | W = 9' - 0" | | W = 10' - 0" | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y |
| 10 FEET | 2' - 10 ¼" | 0' - 5" | 2' - 1" | 1' - 4 ½" | 1' - 5" | 2' - 1" | 0' - 10" | 2' - 7 ½" | 0' - 3 ¼" | 3' - 0 ¼" | | | | | | |
| 15 FEET | 4' - 6 ¾" | 2' - 1 ¾" | 3' - 9" | 3' - 5 ¾" | 3' - 1 ¼" | 4' - 6" | 2' - 6 ¾" | 5' - 4 ½" | 2' - 1" | 6' - 1" | 1' - 8" | 6' - 8 ½" | 1' - 3 ¼" | 7' - 2 ½" | 0' - 10 ¾" | 7' - 7 ¼" |
| 20 FEET | | | 4' - 11 ½" | 5' - 1 ¾" | 4' - 3 ¼" | 6' - 5 ½" | 3' - 8 ¾" | 7' - 7" | 3' - 3" | 8' - 6 ½" | 2' - 10" | 9' - 4 ½" | 2' - 5 ½" | 10' - 1 ¼" | 2' - 1 ¼" | 10' - 9" |
| 30 FEET | | | | | | | | | 4' - 10 ¾" | 12' - 5 ¾" | 4' - 5 ½" | 13' - 7 ¾" | 4' - 0 ¾" | 14' - 8 ½" | 3' - 8 ½" | 15' - 8 ¼" |
| 40 FEET | | | | | | | | | | | | | | | 4' - 10 ¾" | 19' - 8 ¼" |

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH




**SECTION C - C FOR TYPE 4B**

## LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

## GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

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.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

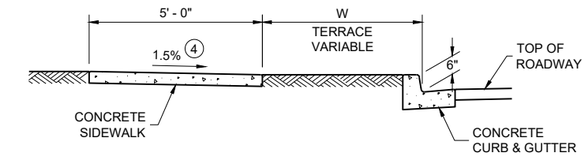
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

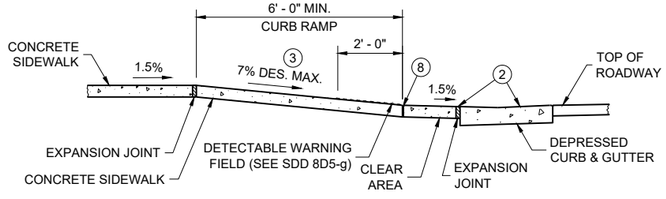
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

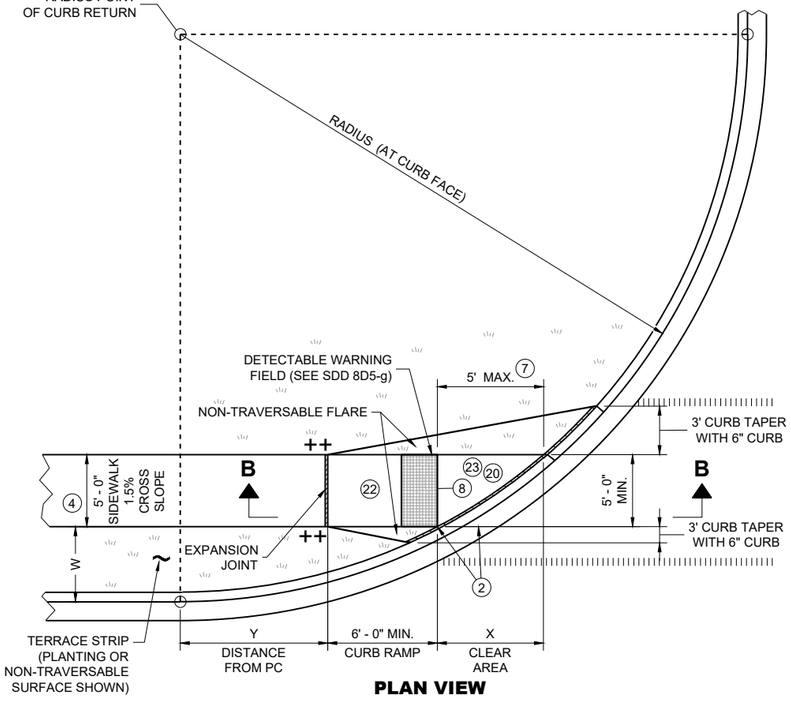
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



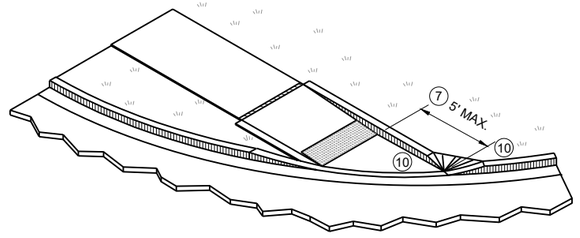

**SECTION A - A FOR TYPE 4B**



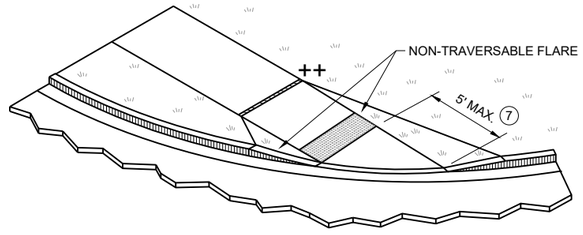

**SECTION B - B FOR TYPE 4B AND TYPE 4B1**




**PLAN VIEW**
**CURB RAMP TYPE 4B1**




**ISOMETRIC VIEW FOR TYPE 4B**



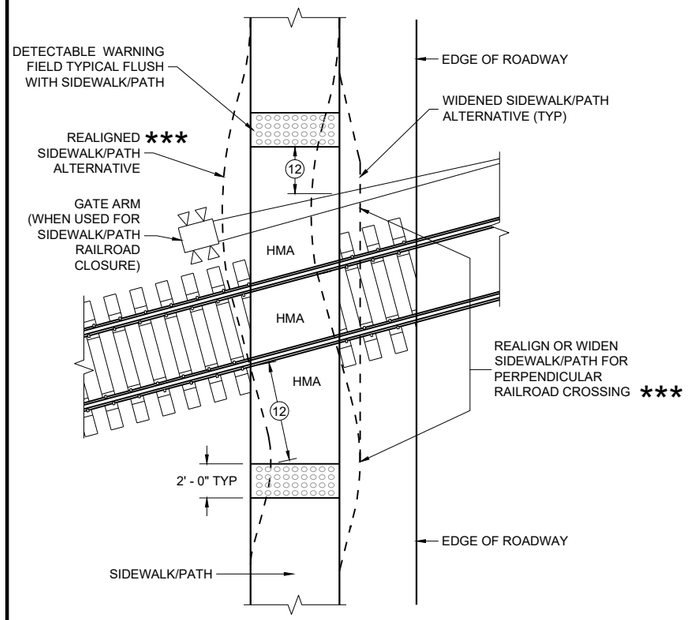

**ISOMETRIC VIEW FOR TYPE 4B1**

**CURB RAMPS**
**TYPE 4B AND 4B1**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

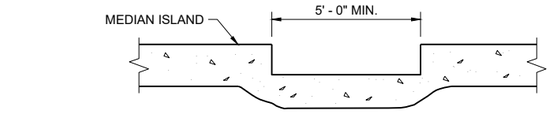
6

SDD 08D05-23d

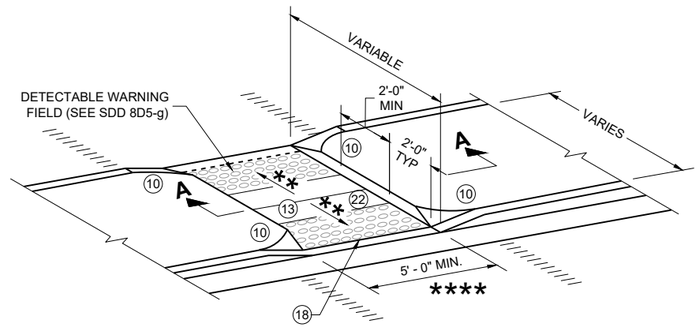



## CURB RAMP TYPE 8

### DETECTABLE WARNINGS FOR SIDEWALKS OR SHARED USE PATHS AT RAILROAD CROSSINGS




### SECTION A - A FOR TYPE 5




## CURB RAMP TYPE 5

### MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING

## GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

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.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

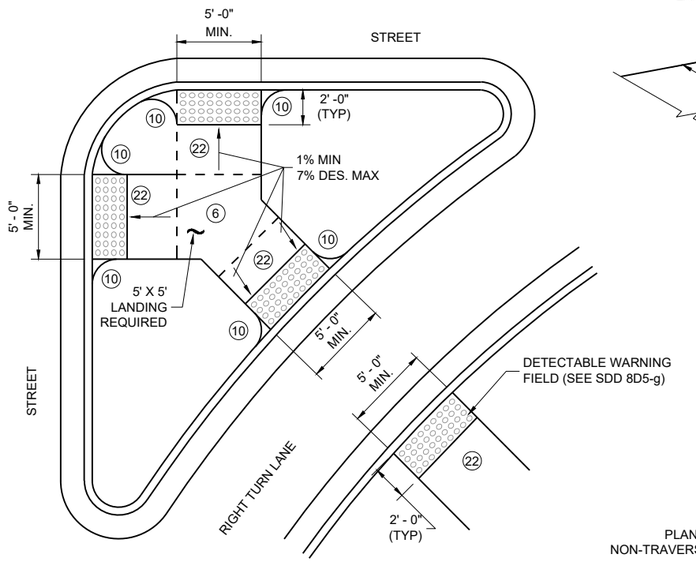
(12) THE DOWNSTREAM EDGE OF THE DETECTABLE WARNING SHOULD BE LOCATED AT LEAST 2 FEET UPSTREAM FROM THE AUTOMATIC GATE, COUNTERWEIGHT, FLASHING-LIGHT SIGNALS, OR CROSSBUCK ASSEMBLY SPECIFIC TO THE PATHWAY OR SIDEWALK (IF ANY ARE PRESENT) AND AT LEAST 12 FEET FROM THE NEAREST RAIL.

(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(18) WHEN THE DISTANCE BETWEEN THE BACK OF CURBS IS LESS THAN 6 FEET BUT THE FACE OF CURB TO FACE OF CURB DISTANCE IS 6 FEET OR GREATER THEN THE DETECTABLE WARNING FIELDS MAY BE MOVED SO THAT THE EDGE OF THE WARNING FIELD IS PLACED AT THE GUTTER FLOWLINE. MAINTAIN A MINIMUM OF TWO FEET BETWEEN DETECTABLE WARNING FIELD PANELS.

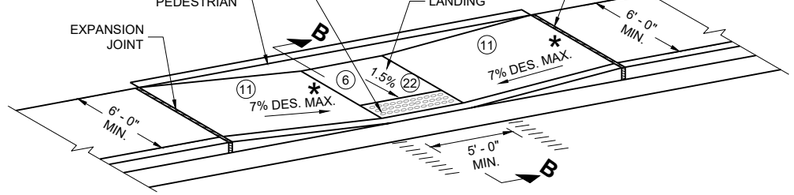
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.




## CURB RAMP TYPE 6

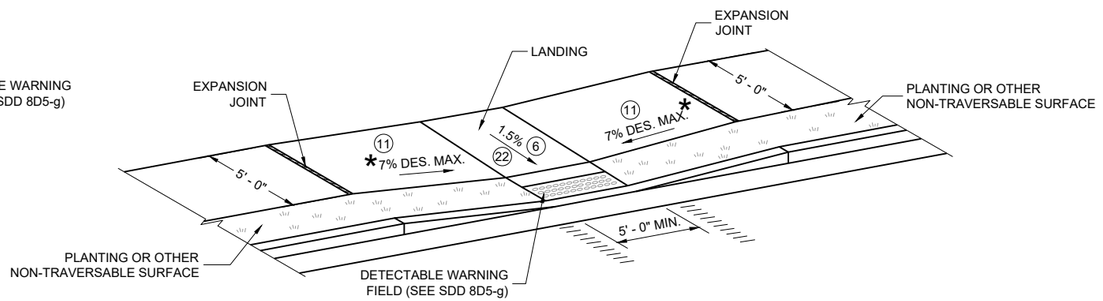
### DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS




## CURB RAMP TYPE 7A

### FOR INTERSECTIONS AND MID BLOCK CROSSINGS

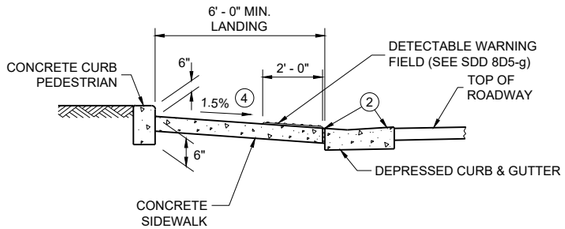



## CURB RAMP TYPE 7B

### FOR INTERSECTIONS AND MID BLOCK CROSSINGS

## LEGEND

| | |
|---|---|
| ═══ | ½" EXPANSION JOINT SIDEWALK |
| – – – – | CONTRACTION JOINT FIELD LOCATED |
| ıı ıı ıı ıı | PAVEMENT MARKING CROSSWALK (WHITE) |
| * | MAXIMUM 8.3% |
| ** | 1% MINIMUM (PROVIDE DRAINAGE) |
| *** | DETAILS TO BE DETERMINED BY ENGINEER |
| **** | FOR SHARED USE PATHS, WIDTH MUST BE AS WIDE AS THE CROSSWALK |

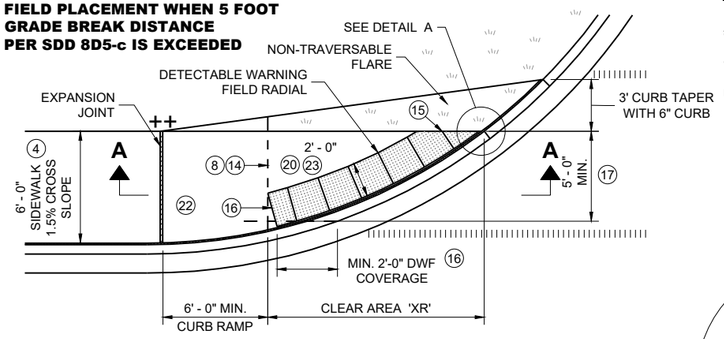



### SECTION B - B FOR TYPE 7A

**CURB RAMPS**
**TYPE 5, 6, 7A, 7B & 8**

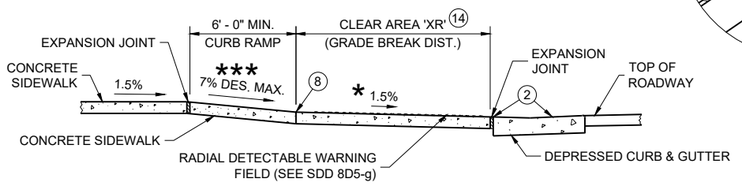
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

**RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED**




**PLAN VIEW**

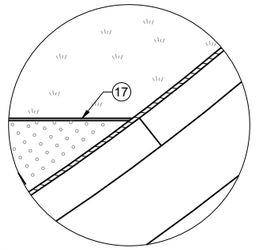
## CURB RAMP TYPE 4A1
## (GRADE BREAK DISTANCE GREATER THAN 5 FEET)



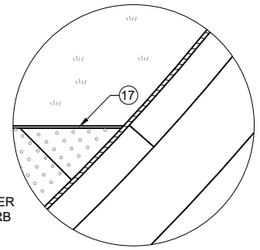

**SECTION A - A FOR TYPE 4A1**

## LEGEND

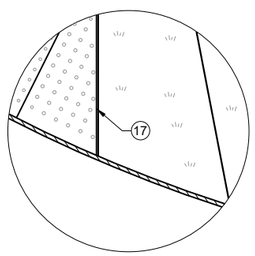
| | |
|---|---|
| ═══ | ½" EXPANSION JOINT SIDEWALK |
| – – – – | CONTRACTION JOINT SIDEWALK |
| ıı ıı ıı ıı | PAVEMENT MARKING CROSSWALK (WHITE) |
| ** | WIDTH SHOWN ELSEWHERE IN THE PLANS |
| *** | MAXIMUM 8.3% |
| ++ | CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE |




**DETAIL A**




**DETAIL B**




**DETAIL C**

## GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

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.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

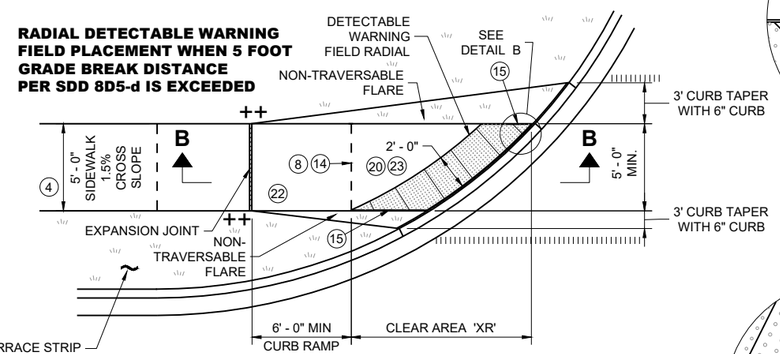
(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

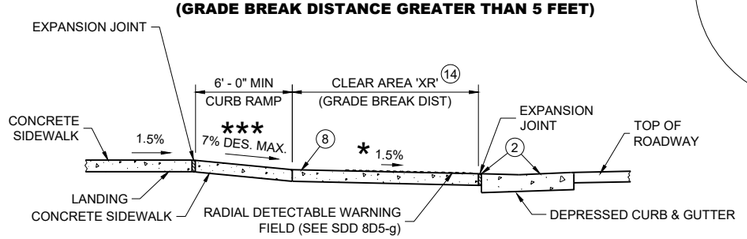
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.

**RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED**



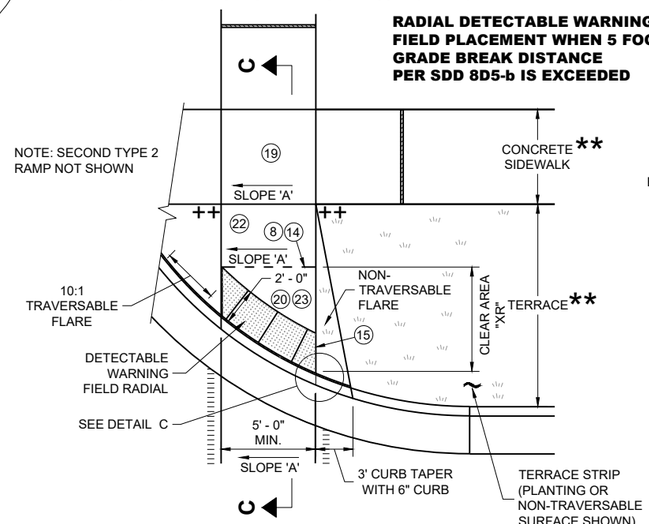

**PLAN VIEW**

## CURB RAMP TYPE 4B1
## (GRADE BREAK DISTANCE GREATER THAN 5 FEET)



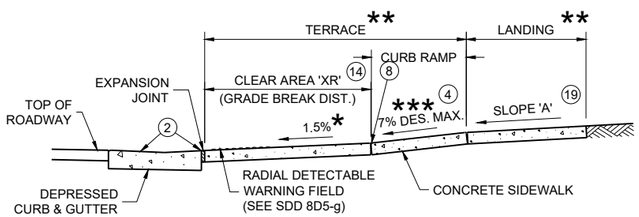

**SECTION B - B FOR TYPE 4B1**

**RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED**




**PLAN VIEW**

## CURB RAMP TYPE 2
**(GRADE BREAK DISTANCE GREATER THAN 5 FEET)**
**(ON LINE WITH SIDEWALK)**



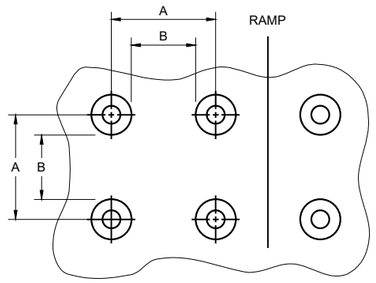

**SECTION C - C FOR TYPE 2**

**CURB RAMPS**
**RADIAL DETECTABLE WARNING**

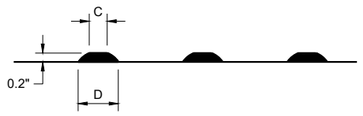
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

| | MIN. | MAX. |
|---|---|---|
| **A** | 1.6" | 2.4" |
| **B** | 0.65" | 1.5" |
| **C** | * | * |
| **D** | 0.9" | 1.4" |

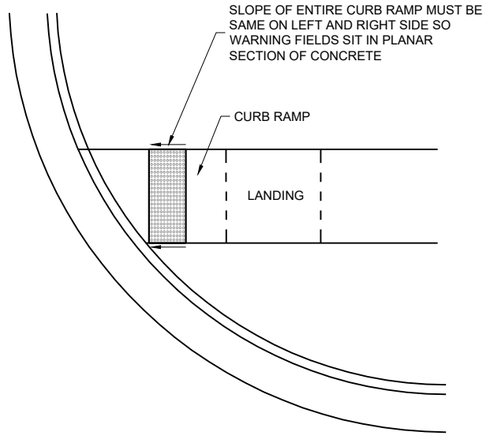
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.




**PLAN VIEW**




**ELEVATION VIEW**




**DETECTABLE WARNING FIELD**
**PLANAR INSTALLATION**

## GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

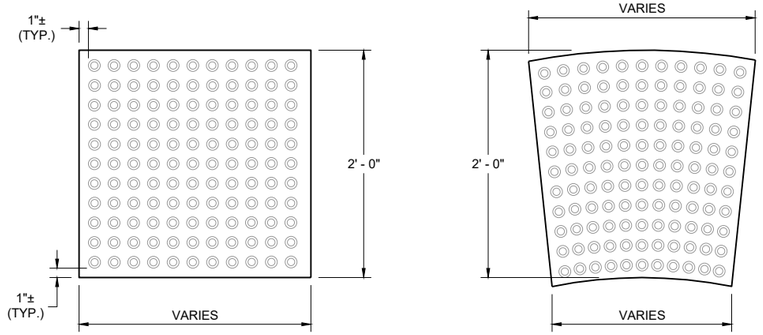
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

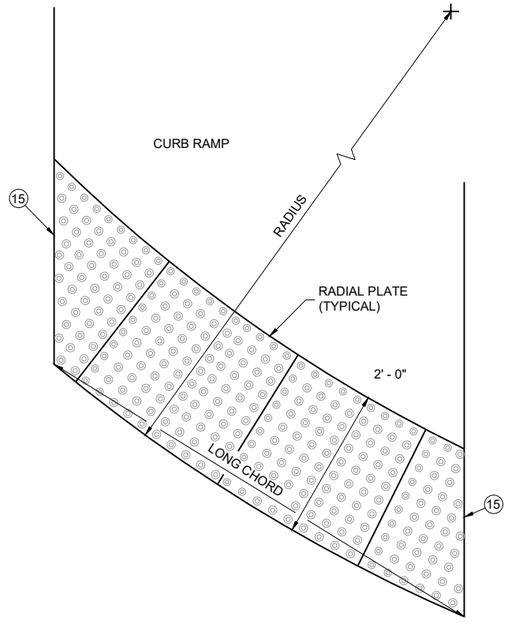
**TRUNCATED DOMES**
**DETECTABLE WARNING PATTERN DETAIL**



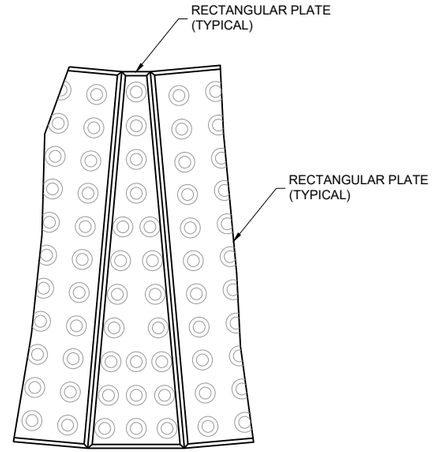

**RECTANGULAR PLATES**

**RADIAL PLATES**

**PLAN VIEW**
**DETECTABLE WARNING FIELDS (TYPICAL)**




**PLAN VIEW**
**RADIAL DETECTABLE WARNING FIELD ATTRIBUTES**




**PLAN VIEW**
**RADIAL WEDGE PLATE CONNECTION DETAIL**

**CURB RAMPS**
**RECTANGULAR AND RADIAL**
**DETECTABLE WARNING PLATES**

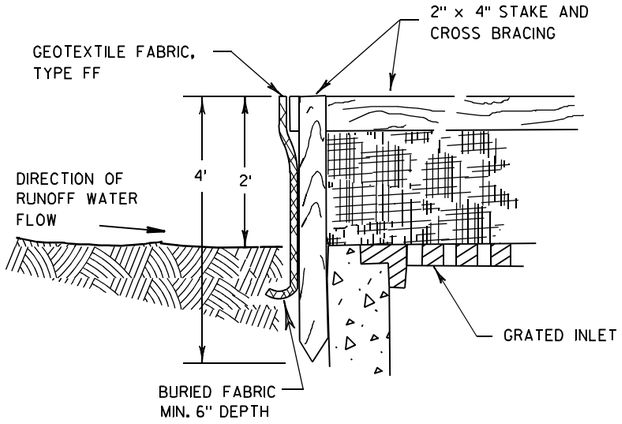
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

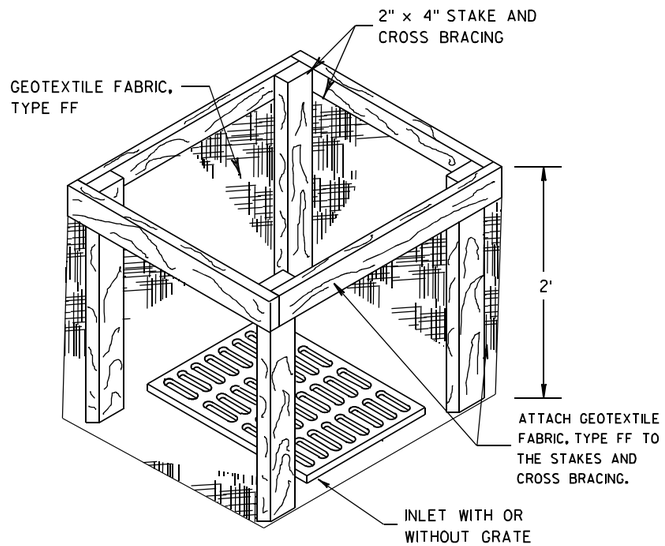
APPROVED
May 2026 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

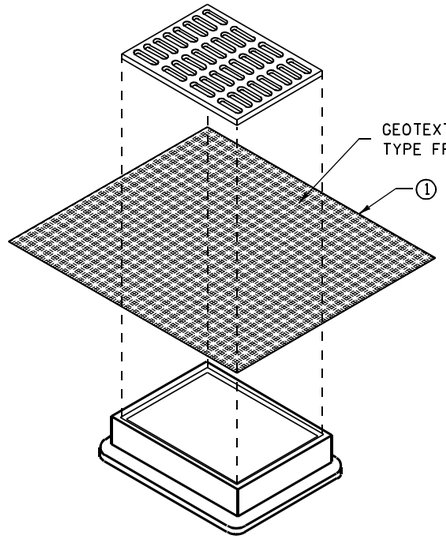


6
SDD 08D05-23g



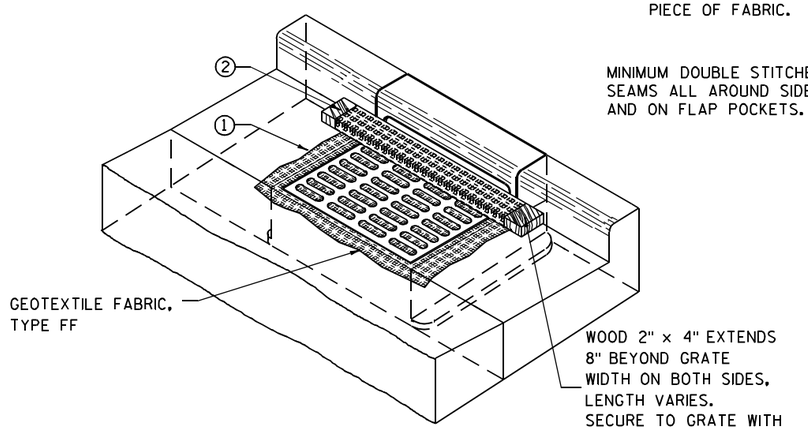




## INLET PROTECTION, TYPE A

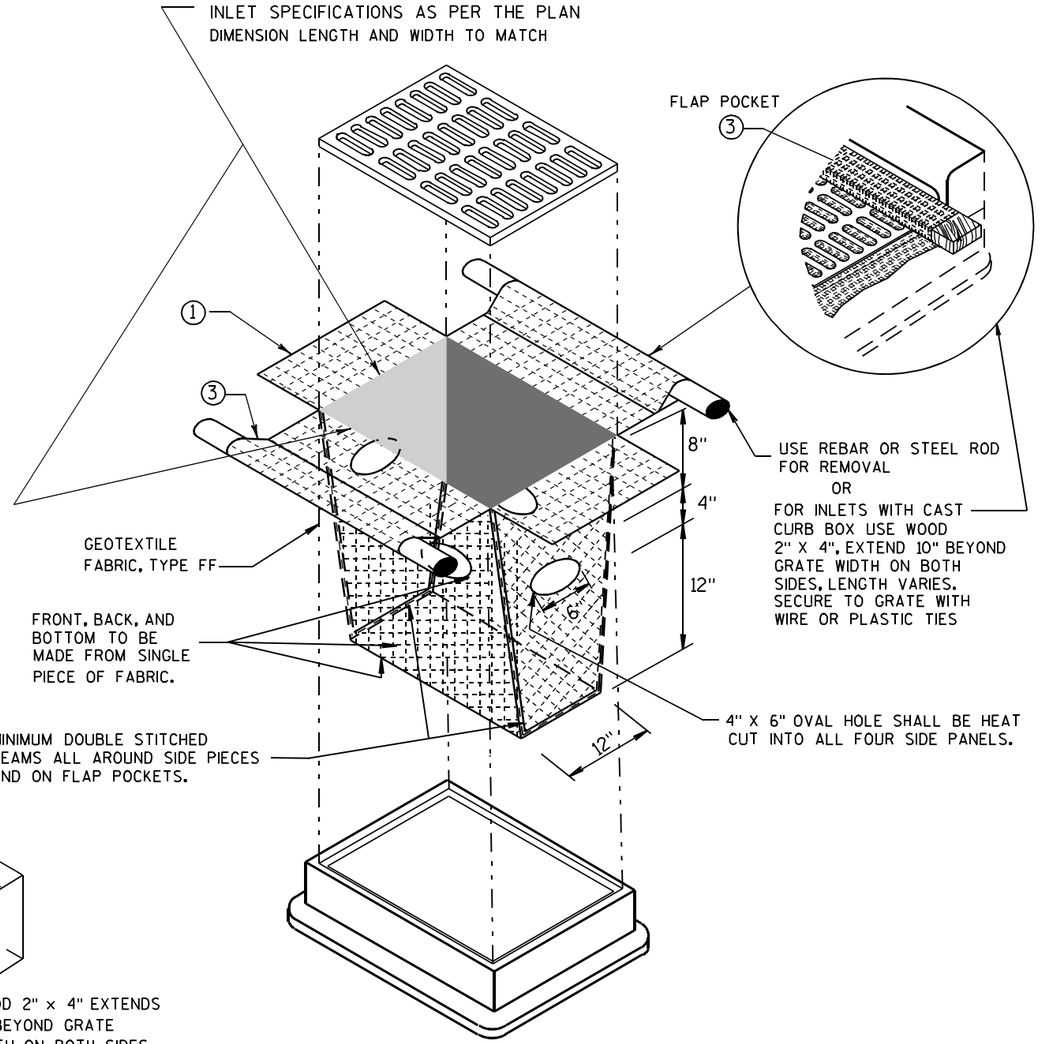



## INLET PROTECTION, TYPE B
## (WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)




## INLET PROTECTION, TYPE C (WITH CURB BOX)




## INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ② )

## GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

## INSTALLATION NOTES

### TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

### TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

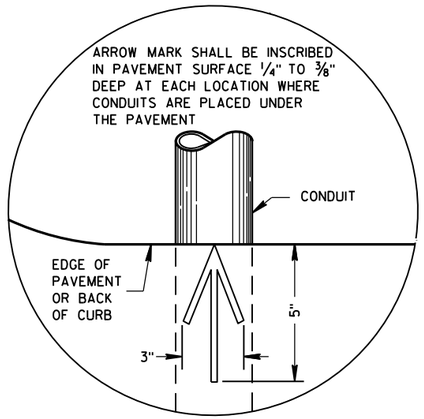
**INLET PROTECTION**
**TYPE A, B, C, AND D**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

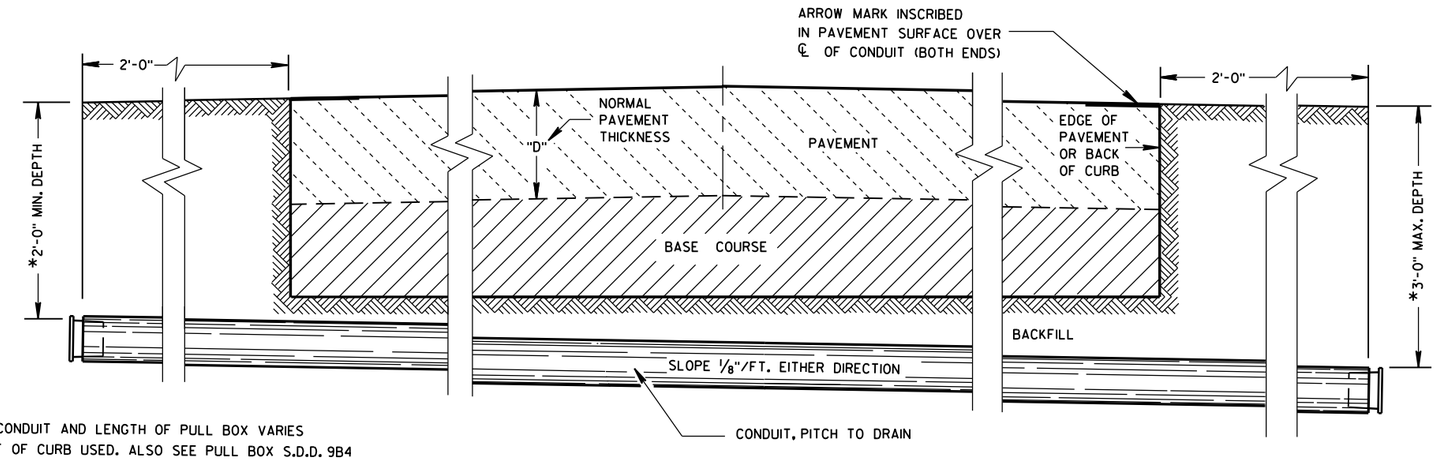



6
S.D.D. 8 E 10-2




**PLAN VIEW**

## ARROW MARK




*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

**SIDE ELEVATION**

## DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

## GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

TRACER WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.

# CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March, 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA




6

S.D.D. 9 B 2-10

## GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

FOUR (4) BOLTS SHALL BE FURNISHED WITH EACH TRANSFORMER BASE. BOLTS SHALL BE 1" DIAMETER, 4" IN LENGTH, WITH WASHERS, LOCK WASHERS AND NUTS. BOLTS, NUTS AND WASHERS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATIONS.

LEVELING SHIMS, IF NEEDED, SHALL BE DESIGNED FOR THE PURPOSE AND USED UNDER CAST BASES WHEN PLUMBING POLES OR STANDARDS DURING INSTALLATION. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE.

SHIM LENGTH SHALL BE LONG ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.

DOUBLE NUTTING IS NOT ACCEPTABLE FOR LEVELING OR MOUNTING PURPOSES.

A NEMA APPROVED, U.L. LISTED, COPPER WITH BRASS OR STAINLESS STEEL SET SCREW, DIRECT BURY RATED, MECHANICAL CONNECTOR (LUG), SIZED TO ACCEPT AWG. #10 TO #4 COPPER STRANDED WIRE SHALL BE FURNISHED AND INSTALLED IN THE PEDESTAL AND TRANSFORMER BASES.

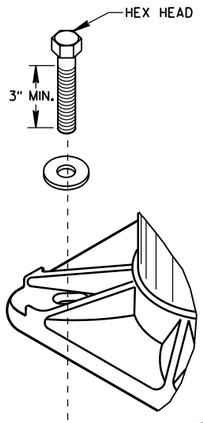
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

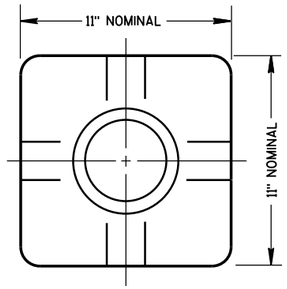
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

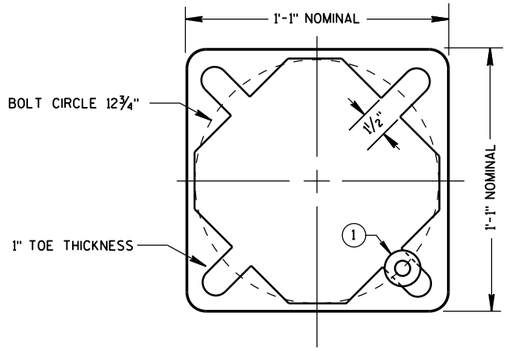
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

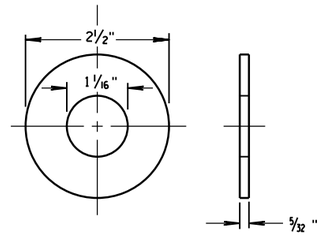



TOP VIEW
(PEDESTAL BASE)

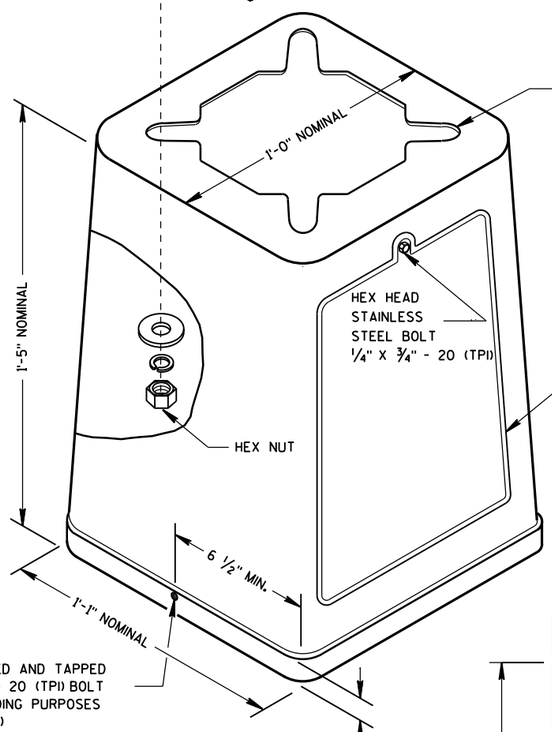



BOTTOM VIEW
(PEDESTAL BASE)

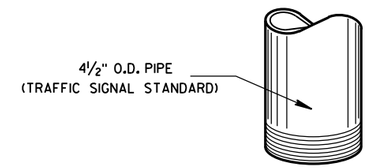


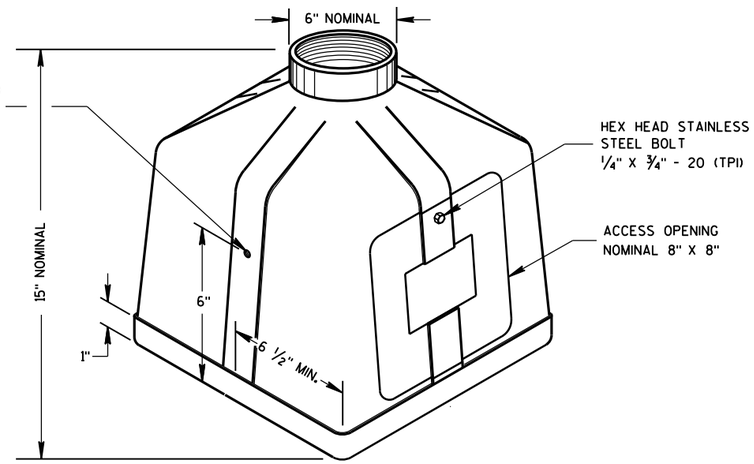

ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

**PEDESTAL BASE WASHER** (1)



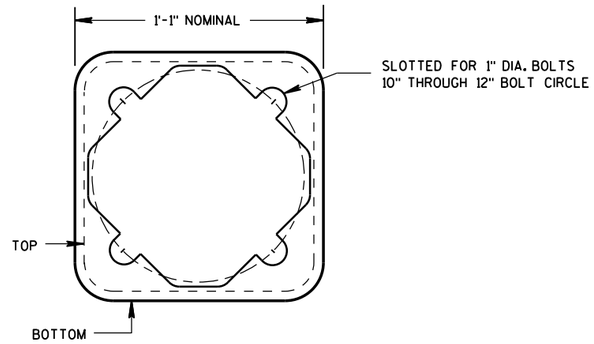

ISOMETRIC VIEW



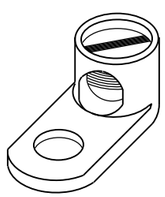




ISOMETRIC VIEW

**PEDESTAL BASE**




BOTTOM VIEW
(TRANSFORMER BASE)

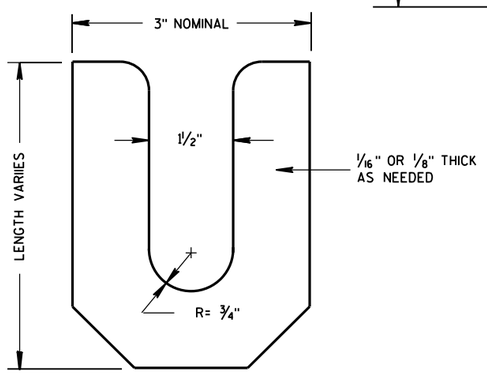


**TYPICAL MECHANICAL CONNECTOR LUG**

TO BE FURNISHED WITH EACH BASE

**TRANSFORMER BASE**

INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES




**LEVELING SHIM**

**TRANSFORMER/PEDESTAL BASES**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA




6

S.D.D. 9 C 3-4

## GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

BASES (SHAFT) SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING. A STEEL CASING OR CORRUGATED METAL PIPE IS ALLOWED TO REMAIN. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BASE IN LAYERS OF ONE FOOT OR LESS.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

ANY DAMAGE TO THE CONCRETE BASE AND ANCHOR RODS DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE ENGINEER'S DIRECTION, AT THE EXPENSE OF THE CONTRACTOR.

THE REINFORCEMENT AND ANCHOR RODS SHALL BE ADEQUATELY SUPPORTED IN THE PROPER POSITIONS SO NO MOVEMENT OCCURS DURING CONCRETE PLACEMENT.

ORIENT ANCHOR RODS IN FOOTING AND PROVIDE ANCHOR RODS STICK OUT ABOVE TOP OF CONCRETE FOOTING BASE PER THIS SHEET.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

BENDING DIMENSIONS FOR REINFORCING BARS ARE OUT TO OUT.

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

USE 3" CLEAR FOR ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

FORM ALL EXPOSED CONCRETE CORNERS WITH 1" CHAMFER ALL AROUND. TOP OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 TIMES THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 4 ½" INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NON-METALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

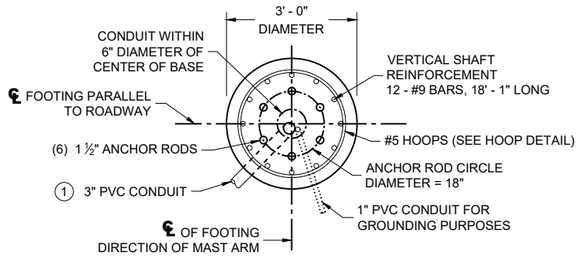
A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

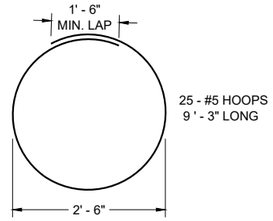
THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES (GREATER THAN 36 INCHES IF INSTALLED IN BREAKER RUN) EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

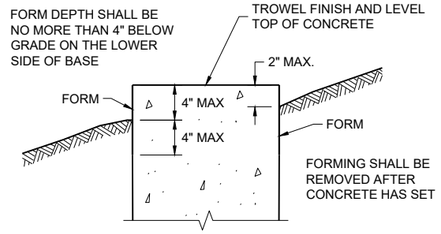
CONCRETE MASONRY.....fc = 3,500 p.s.i
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60.....fy = 60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55.....fy = 55,000 p.s.i.
(IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATION)
TEMPLATES, ASTM A709, GRADE 36.....fy = 36,000 p.s.i.



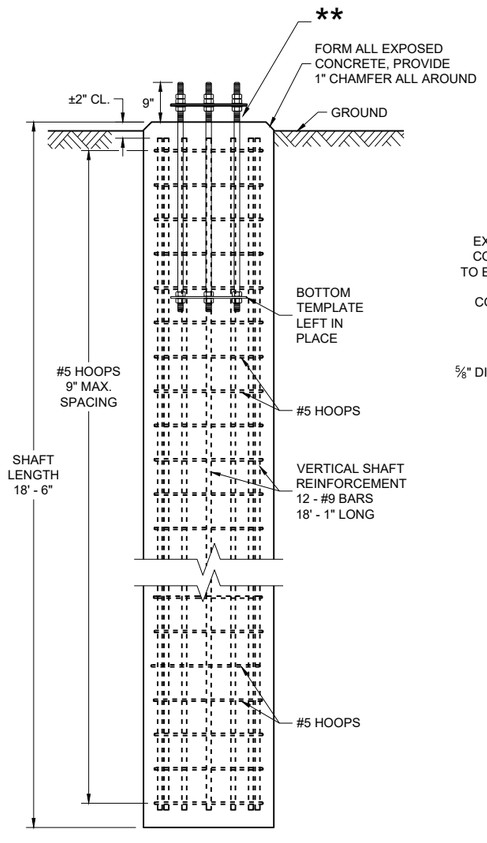

**PLAN VIEW**



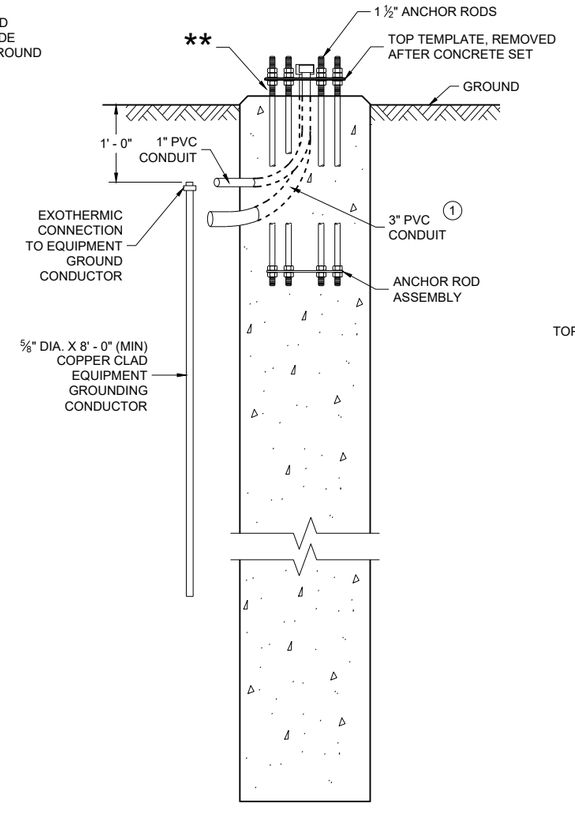

**HOOP DETAIL**



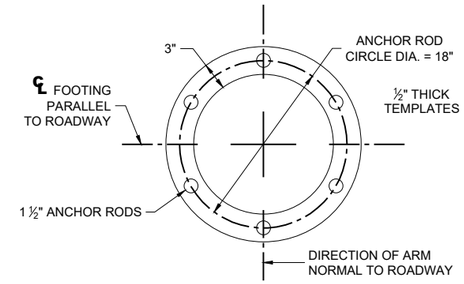

**FORMING DETAIL**



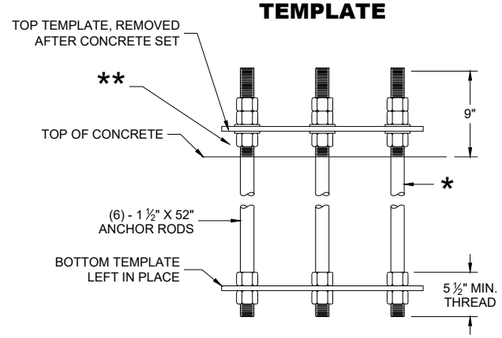

**ELEVATION VIEW**
(CONDUITS NOT SHOWN ON THIS VIEW FOR CLARITY)




**SIDE VIEW**
(HOOPS AND VERTICAL SHAFT REINFORCEMENT NOT SHOWN ON THIS VIEW FOR CLARITY)




**TOP AND BOTTOM TEMPLATE**




**ANCHOR ROD ASSEMBLY DETAILS**

* THREAD TOP 10" OF ANCHOR ROD FOR 3 NUTS AND 2 WASHERS AND BOTTOM 5 ½" FOR 2 NUTS PER ANCHOR ROD. HOT DIP GALVANIZE THE ENTIRE LENGTH OF THE ANCHOR ROD (ASTM A123) AND HOT DIP NUTS AND WASHERS (ASTM A153. USE ZINC COATED NUTS MANUFACTURED WITH SUFFICIENT ALLOWANCE TO ALLOW NUTS TO RUN FREELY ON THE THREADS.

** RODENT PROTECTION REQUIRED

## CONCRETE BASE, TYPE 10 SPECIAL
## (FOR TYPE 9 SPECIAL AND TYPE 10 SPECIAL POLES AND OVER HEIGHT (OH) POLES)

CONCRETE = 4.8 CUBIC YARD
H.S. REINFORCEMENT = 979 LBS.

FOR USE WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION.

**CONCRETE BASE TYPE 10 SPECIAL**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Alex Crabtree — WIND LOADED STRUCTURES PROGRAM LEADER

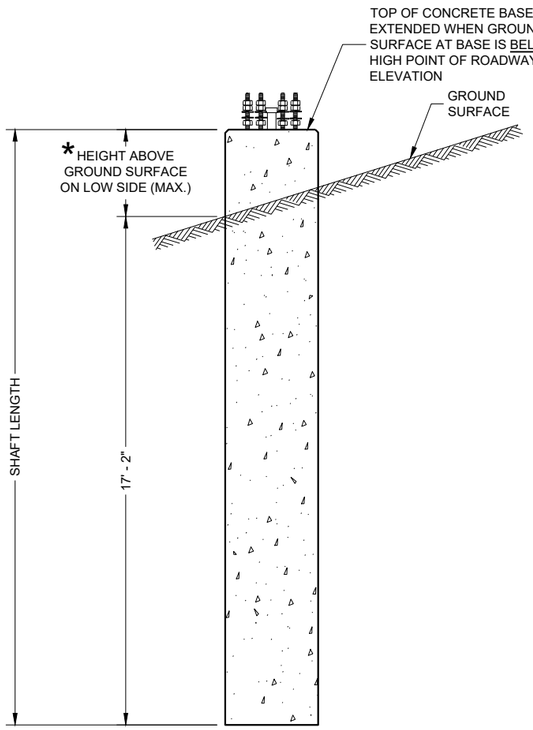
FHWA



6
SDD 09C15-03

## REINFORCEMENT AND CONCRETE QUANTITIES
## ADJUSTED FOR EXTENDED TYPE 10 SPECIAL CONCRETE BASE

| HEIGHT INCREASE REQUIRED | *HEIGHT ABOVE GROUND SURFACE ON LOW SIDE (MAX.) | SHAFT LENGTH | LENGTH OF #8 VERTICAL REINF. | NO. OF #5 HOOPS | CU. YD. OF CONCRETE | LBS. OF HOOP BAR STEEL | LBS. OF VERTICAL STEEL |
|---|---|---|---|---|---|---|---|
| >0" TO 6" | 10" | 18' - 0" | 17' - 7" | 25 | 4.7 | 241 | 563 |
| >6" TO 1' - 0" | 1' - 4" | 18' - 6" | 18' - 1" | 25 | 4.8 | 241 | 579 |
| >1' - 0" TO 1' - 6" | 1' - 10" | 19' - 0" | 18' - 7" | 26 | 5.0 | 251 | 595 |
| >1' - 6" TO 2 - 0" | 2' - 4" | 19' - 6" | 19' - 1" | 27 | 5.1 | 260 | 611 |




**CONCRETE BASE TYPE 10 SPECIAL (EXTENDED)**

**CONCRETE BASE TYPE 10 SPECIAL EXTENSION**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023
DATE

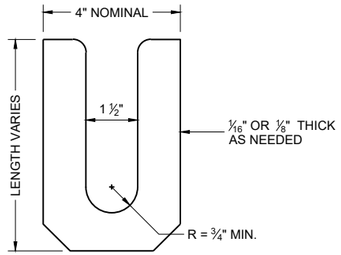
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

FHWA



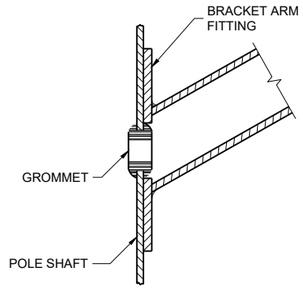


6
SDD 09C16-01

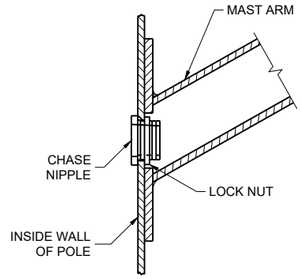



①

**LEVELING SHIM**
**SHALL BE ALUMINUM**




**TYPICAL APPLICATION OF GROMMET IN POLE SHAFT**




**TYPICAL APPLICATION OF CHASE NIPPLE IN POLE SHAFT**

## GENERAL NOTES

CLAMP BOLT-NUT TIGHTENING TORQUE SHALL BE INDICATED BY INDENT STAMPING (1/2 INCH NUMERALS AND LETTERS) OR WEATHERPROOF PRINTING ON THE INSIDE OF THE CLAMP THAT IS WELDED TO THE ARM MEMBER.

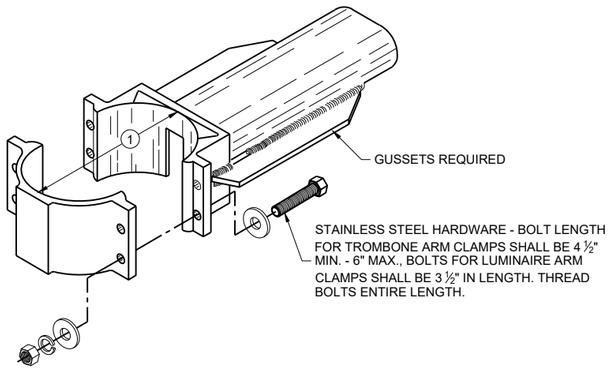
① 4.5" I.D. FOR LUMINAIRE MAST ARM CLAMP. 6.625" I.D. FOR TROMBONE MAST ARM CLAMP.

② INDIVIDUAL BASE PLATE ANCHOR ROD COVERS. (4 REQUIRED)

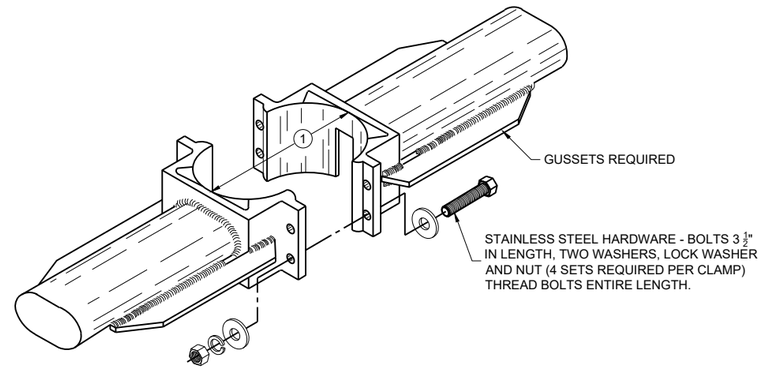
③ BASE PLATE SLOTTED TO ACCEPT 11" THROUGH 12" BOLT CIRCLE USING 1" DIAMETER ANCHOR RODS.

④ LEVELING SHIMS, DESIGNED FOR THE PURPOSE, SHALL BE USED WHEN PLUMBING POLES. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE. LEVELING SHIMS SHALL BE USED ONLY BETWEEN THE TOP OF THE CONCRETE BASE AND A METALLIC BASE PLATE.

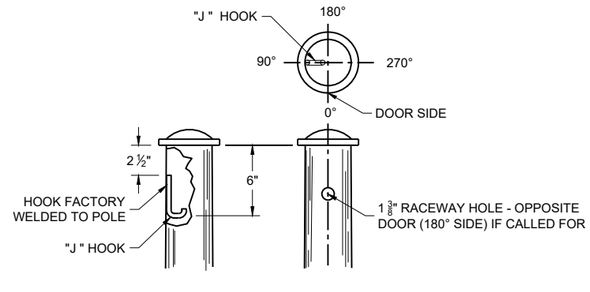
SHIMS SHALL BE LONG ENOUGH AND WIDE ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.



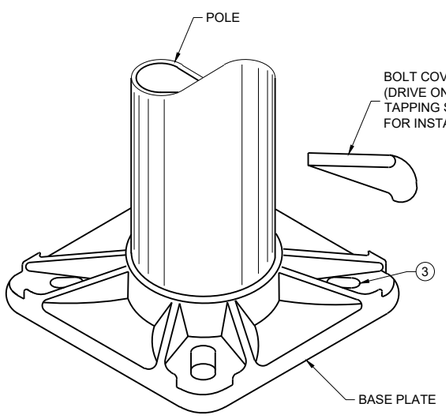

**TYPICAL TROMBONE MAST ARM AND SINGLE LUMINAIRE MAST ARM MOUNTING CLAMP**



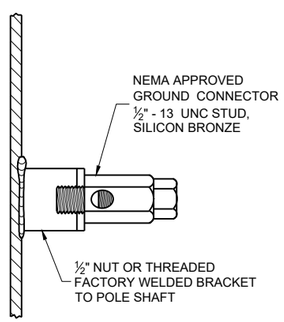

**TYPICAL LUMINAIRE MAST ARM (DOUBLE) MOUNTING BRACKETS**

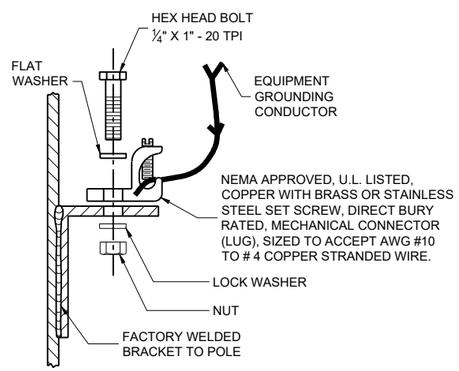


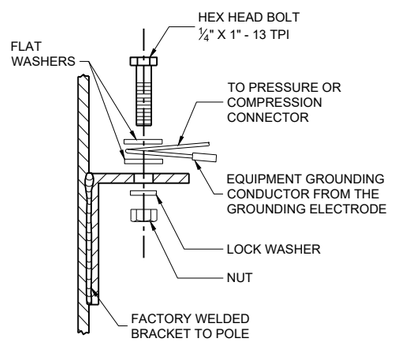

**TYPICAL "J" HOOK LOCATION**




**BASE PLATE**




**TYPICAL GROUNDING CONNECTIONS**
**NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL**

**HARDWARE DETAILS FOR POLE MOUNTING**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER

FHWA



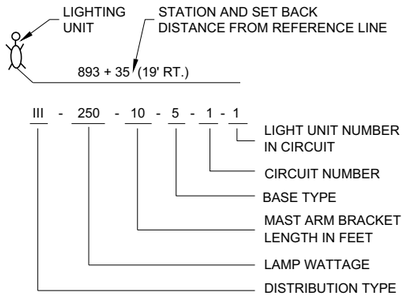
6
SDD 09E01-17g

## GENERAL NOTES

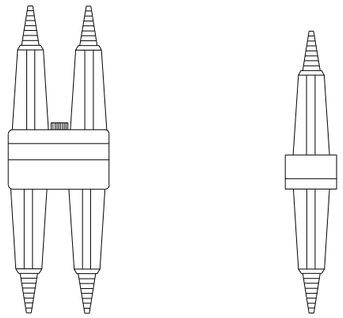
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EQUIPMENT GROUND CONNECTOR SHALL BE TAPED WITH 3 WRAPS (MINIMUM) OF APPROVED RUBBER TAPE AND 3 WRAPS (MINIMUM) OF APPROVED VINYL TAPE TO COVER SHARP WIRE ENDS AFTER THE CONNECTION IS COMPLETED.

WHEN TRANSFORMER BASES ARE USED, ALL WIRING CONNECTIONS SHALL OCCUR WITHIN THE TRANSFORMER BASES.



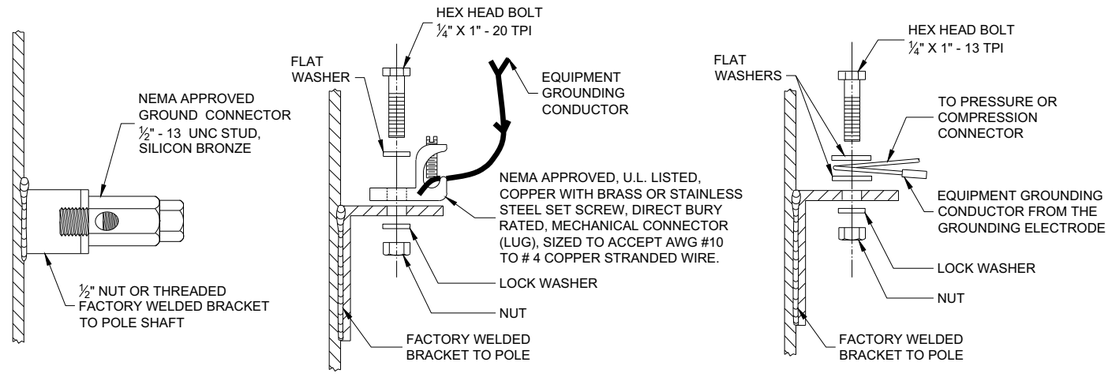

**LIGHTING UNIT CODE**
**(TYPICAL)**



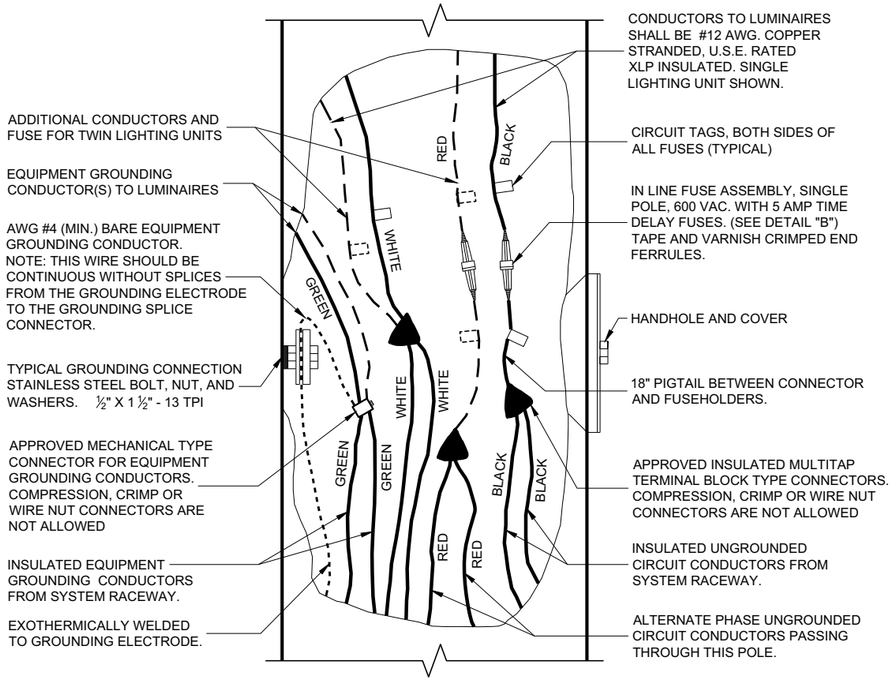
**DETAIL "A"**
**BREAKAWAY DOUBLE POLE WITH WATERPROOF INSULATING BOOT**



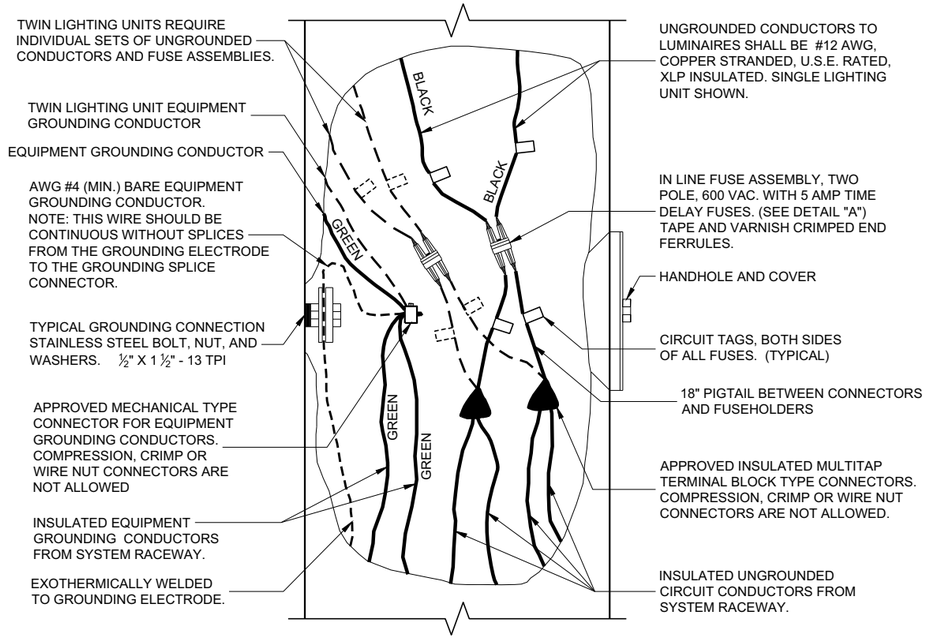
**DETAIL "B"**
**BREAKAWAY SINGLE POLE WITH WATERPROOF INSULATING BOOT**




**TYPICAL GROUNDING CONNECTIONS**
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL




**3 WIRE - 120, 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH GROUNDING CONDUCTOR AND EQUIPMENT GROUNDING CONDUCTOR**




**2 WIRE - 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH EQUIPMENT GROUNDING CONDUCTOR**

**NON - FREEWAY LIGHTING UNIT POLE WIRING**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

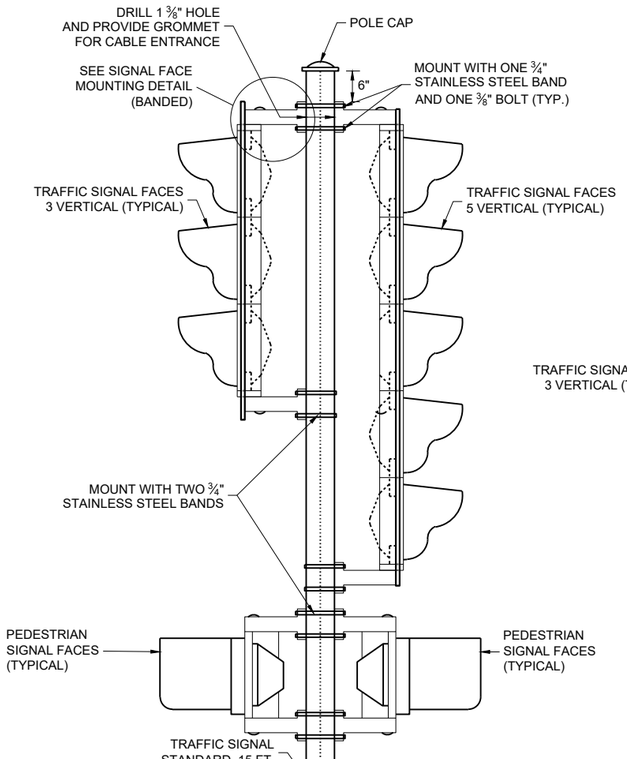
APPROVED
November 2018
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

FHWA

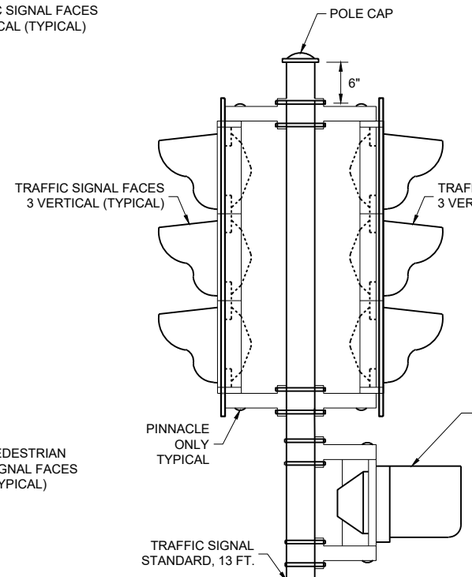



6

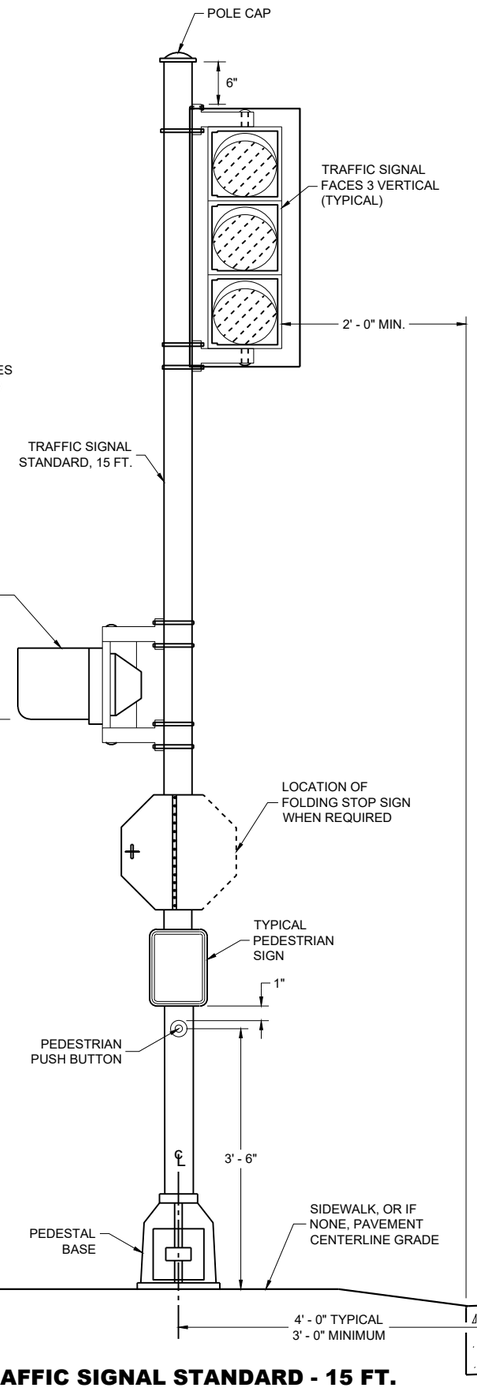

SDD 09E03 - 06




**TRAFFIC SIGNAL**
**STANDARD - 15 FT.**




**TRAFFIC SIGNAL**
**STANDARD - 13 FT.**




**TRAFFIC SIGNAL STANDARD - 15 FT.**
**3M MOUNTING (TYPICAL)**

## GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIAL PROVISIONS.

POLYCARBONATE MOUNTING BRACKETS SHALL BE USED.

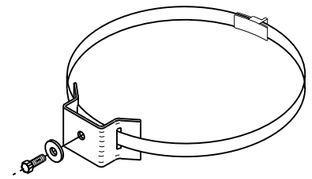
LENGTH AND LOCATION OF TRAFFIC SIGNAL STANDARDS SHALL BE AS SHOWN ON THE PLANS.

OPTICALLY PROGRAMMED SIGNAL FACES SHALL BE MASKED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, AND UNDER THE DIRECTIONS OF THE REGION TRAFFIC ENGINEER.

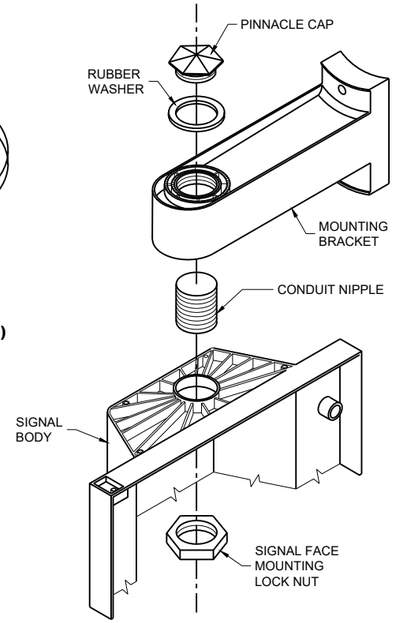
FOLDING STOP SIGNS SHALL BE IN ACCORDANCE WITH THE MUTCD AND/OR THE LATEST WISCONSIN SUPPLEMENT. THE SIGNS SHALL BE SIZED AND LOCATED AS CALLED FOR IN IN THE PLANS.

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) 1/4" X 3/4" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.



**TYPICAL SIGN MOUNTING BAND**
**(TOP AND BOTTOM OF SIGN)**




**SIGNAL FACE MOUNTING DETAIL (BANDED)**

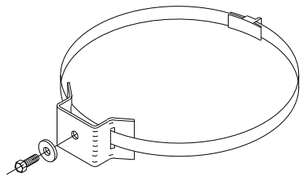
**TRAFFIC SIGNAL STANDARD**
**POLY BRACKET MOUNTINGS**
**(TYPICAL) 13 FT. OR 15 FT.**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

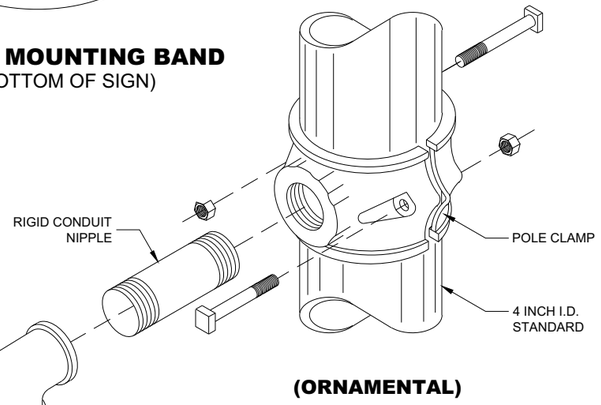
APPROVED
February 2026 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER

FHWA

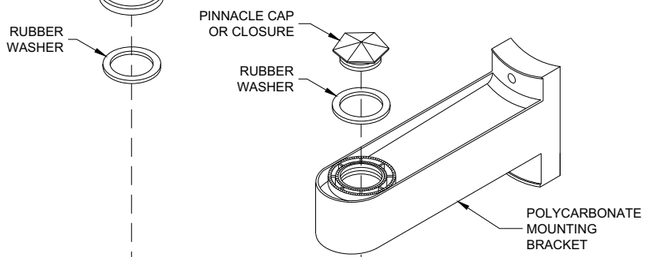

6
SDD 09E06-06



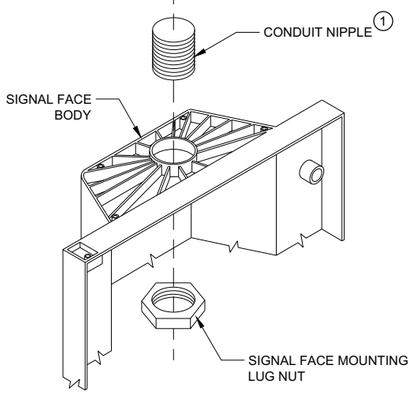
**TYPICAL SIGN MOUNTING BAND**
(TOP AND BOTTOM OF SIGN)



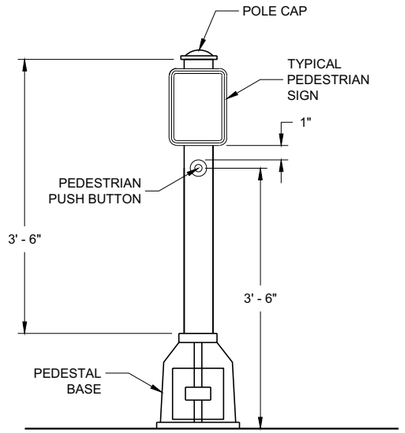

**(ORNAMENTAL)**




**(BANDED)**




**SIGNAL FACE MOUNTING DETAILS**




**PEDESTRIAN PUSH BUTTON TYPICAL MOUNTING**

## GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

LOCATIONS SHALL BE AS SHOWN ON THE PLANS, UNLESS APPROVED BY THE ENGINEER IN THE FIELD.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIFICATIONS.

POLYCARBONATE SIGNAL FACE MOUNTING BRACKETS SHALL BE USED UNLESS ORNAMENTAL POLE CLAMPS ARE SPECIFIED.

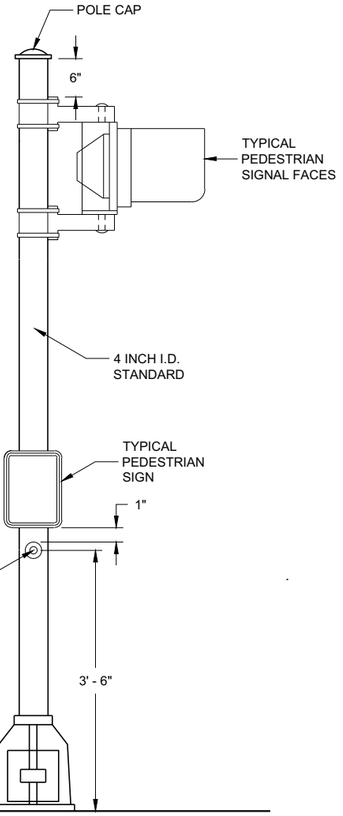
LENGTH OF TRAFFIC STANDARDS SHALL BE AS SHOWN ON THE PLANS.

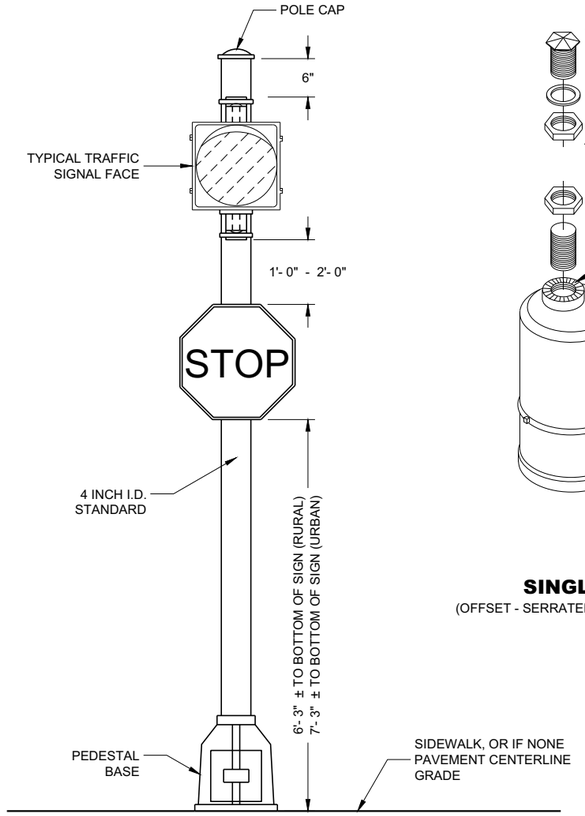
MOUNTINGS AND BRACKETS SHALL BE AS SHOWN ON THE PLANS OR DESCRIBED IN THE SPECIAL PROVISIONS (BY THE REGION TRAFFIC ENGINEER).

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

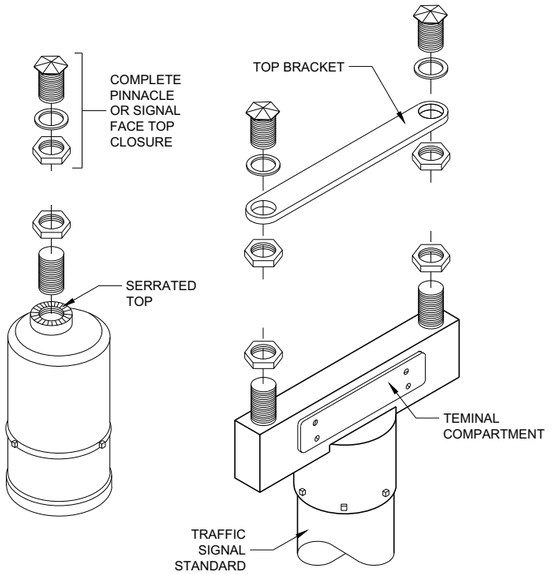
FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(1) USE 1 ½" ID NIPPLES ZINC-COATED RIGID METAL CONDUIT, LONG ENOUGH TO ACCOMMODATE FULL DEPTH THREADING INTO THE HEAD MOUNTING LOCK NUT IN ORDER TO TIGHTEN THE FACE, BUT THAT DO NOT INTERFERE WITH REFLECTOR CLOSURE. THREAD THE NIPPLE INTO THE MOUNTING BRACKET/ELBOW UNTIL TIGHT. USE APPROVED PINNACLE TYPE HARDWARE FROM A DEPARTMENT APPROVED MANUFACTURER TO CLOSE THE UNUSED 1 ½" OPENING IN SIGNAL FACESAND BRACKET ENDS.




**STANDARD FLASHER**
10 FOOT, 13 FOOT OR 15 FOOT AS REQUIRED




**SINGLE**
(OFFSET - SERRATED MOUNTING)

**DOUBLE**
(SERRATED MOUNTING)

**SLIPFITTERS**

**TRAFFIC SIGNAL STANDARD**
**PEDESTRIAN AND FLASHER**
**TYPICAL MOUNTING DETAILS**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

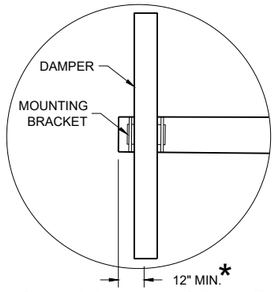
FHWA



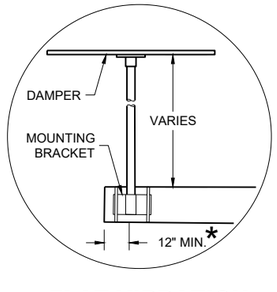
6

SDD 09E07 - 06

SDD 09E07 - 06

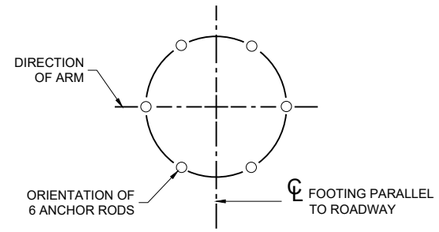



**DUMBBELL VIBRATION DAMPER**

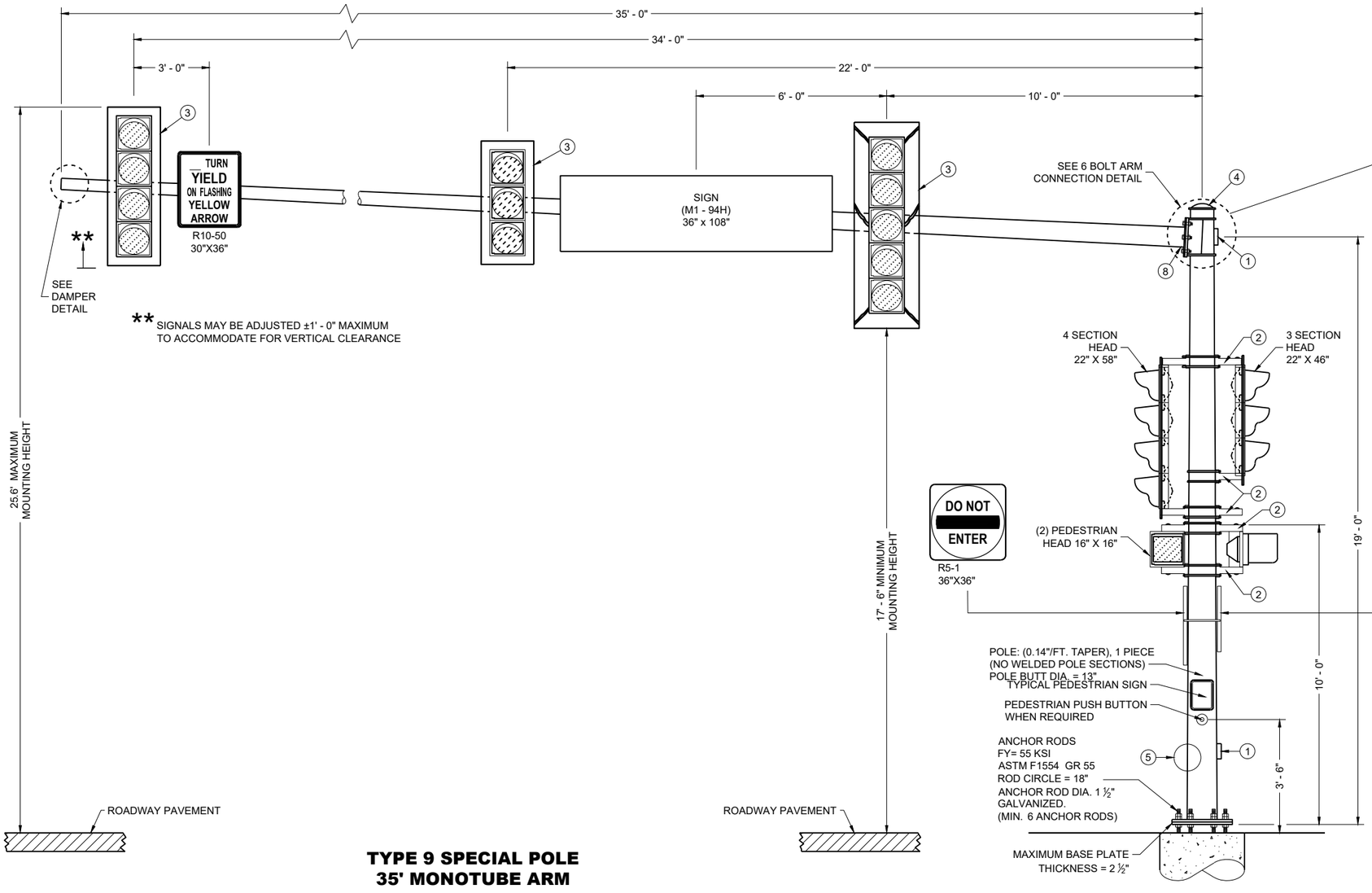



**FLAT VIBRATION DAMPER**

* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.

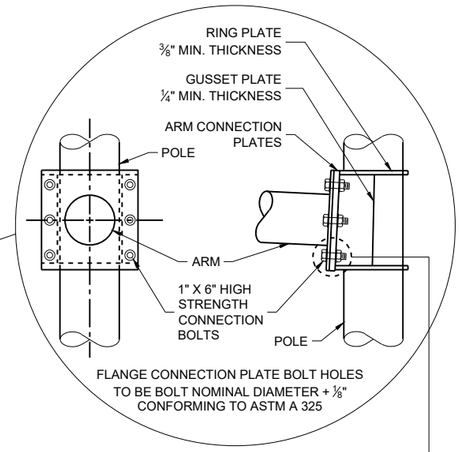



**ANCHOR ROD LOCATION**

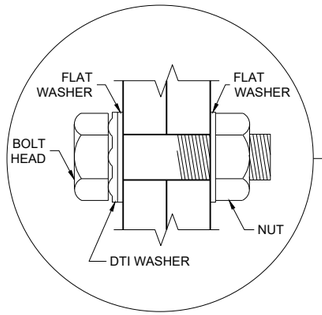



** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE

**TYPE 9 SPECIAL POLE**
**35' MONOTUBE ARM**
(MAXIMUM LOAD)




**6 BOLT ARM CONNECTION DETAIL**




**RECOMMENDED BOLT ASSEMBLY DETAIL**

**TYPE 9 SPECIAL POLE**
**35' MONOTUBE ARM**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

## GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

POLE TYPES 9 AND 10 ARE FOR ARM LENGTHS 15 FOOT TO 30 FOOT.

POLE TYPES 9 SPECIAL AND 10 SPECIAL ARE FOR ARM LENGTHS 35 FOOT, 40 FOOT, AND 45 FOOT.

POLE TYPES 12 AND 13 ARE FOR ARM LENGTHS 35 FOOT TO 55 FOOT.

MONOTUBE POLES AND ARMS SHALL BE GALVANIZED STEEL.

RING STIFFENED BUILT UP BOX TYPE OF ATTACHMENT FOR TRAFFIC SIGNAL ARM.

ONE PIECE POLE CONSTRUCTION (NO WELDED POLE SECTIONS).

STANDARD STRAIGHT ARM DESIGN (3% ± RISE).

SECTION 657, POLES OF THE STANDARD SPECIFICATION SHALL APPLY TO THIS DRAWING.

PROVIDE WIREWAY THRU POLE WALL AND ARM CONNECTION PLATES. PROVIDE ROUND, SMOOTH INSIDE SURFACE.

MANUFACTURER'S SUBMITTED POLE DESIGNS AND DRAWINGS SHALL BE SIGNED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND CERTIFIED AS BEING IN COMPLIANCE WITH THE AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNAL 2015 1ST EDITION (INCLUDING INTERIM REVISIONS)" AND ALL PERTINENT WISDOT SPECIFICATIONS AND DRAWINGS FOR THE LIGHTING STRUCTURES AS FOLLOWS:

CATEGORY III FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 AND TYPE 10 STRUCTURES.

CATEGORY II FATIGUE LOADS OF TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 SPECIAL AND TYPE 10 SPECIAL STRUCTURES. IN LIEU OF DESIGNING FOR GALLOPING, A VIBRATION DAMPER MITIGATION DEVICE IS REQUIRED TO BE SUPPLIED AND INSTALLED AT THE END OF THE MAST ARM.

CATEGORY II FATIGUE FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE12 AND TYPE 13 STRUCTURES.

115 MPH (700 YEAR MRI BASIC WIND SPEED).

SECURE THE OPENING BELOW THE BASE PLATE WITH STAINLESS STEEL OR GALVANIZED STEEL MESH AND SECURE THE MESH WITH ¾" STAINLESS STEEL BANDING AROUND THE LEVELING NUTS.

INDENT PRINT (NOMINAL ½" HIGH) THE POLE LENGTH AND FIRST TWO LETTERS OF THE MANUFACTURERS NAME ON TWO SIDES OF THE BASE PLATE 180 DEGREES APART, BEFORE GALVANIZING. THE ARM SHALL BE IDENTIFIED WITH THE SAME INFORMATION BY INDENT PRINT.

SIGNAL FACE SHALL BE MOUNTED 6 INCHES (NOMINAL) FROM THE END OF THE MONOTUBE ARM OR AS SHOWN ON THE PLAN CONSTRUCTION DETAIL OR A S DIRECTED BY THE PROJECT ENGINEER/ELECTRICAL OPERATIONS PERSONNEL. MOUNT ALL LIKE HEAD AT SAME ELEVATION.

SIGN MOUNTING BRACKETS SHALL BE FURNISHED IN ACCORDANCE WITH SECTION 637 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

(1) DESIGN FOR MAXIMUM ALLOWABLE HAND HOLE WITH COVER ASSEMBLY WITH TWO ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLTS.

(2) SIGNAL MOUNTING BRACKETS FOR POLE MOUNTING, MOUNT WITH CAP SCREW AND BANDING (SEE SPECIFICATION SECTION 658).

(3) SECURELY MOUNT BACK PLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURERS RECOMMENDATIONS.

(4) THE TOP OF THE POLE SHAFT AND THE MONOTUBE ARM SHALL BE EQUIPPED WITH A REMOVABLE, VENTILATED CAP HELD SECURELY IN PLACE WITH SET SCREWS.

(5) FACTORY WELDED BRACKET FOR GROUNDING LUG, OPPOSITE HAND HOLD, (LUG AND HARDWARE PAID UNDER SEPARATE ITEM). PROVIDE HOLE IN BRACKET FOR ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLT.

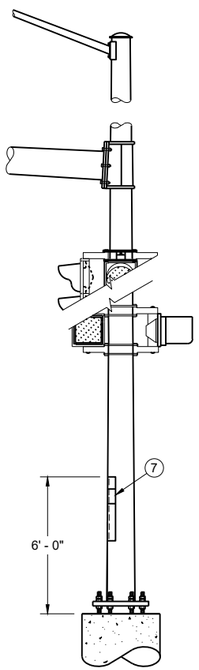
(6) FACTORY WELDED "J" HOOK FOR STRAIN RELIEF FOR POLE LUMINAIRE WIRE.

(7) INSTALL STRUCTURAL IDENTIFICATION PLAQUES.

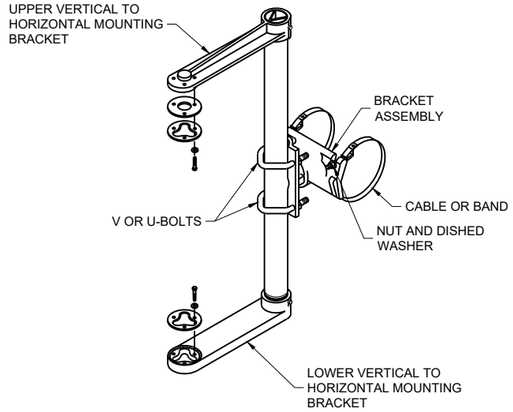
STRUCTURAL IDENTIFICATION PLAQUES SHALL BE PLACED ON THE POLES IN THE SAME DIRECTION AS THE ARM.

MOUNTING HEIGHT SHALL BE 6' - 0" ABOVE THE CURB OR SHOULDER. ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL BE OBSTRUCTED.

(8) FACTORY DRILLED ½" DRAIN HOLE 2" FROM FLANGE CONNECTION PLATE.

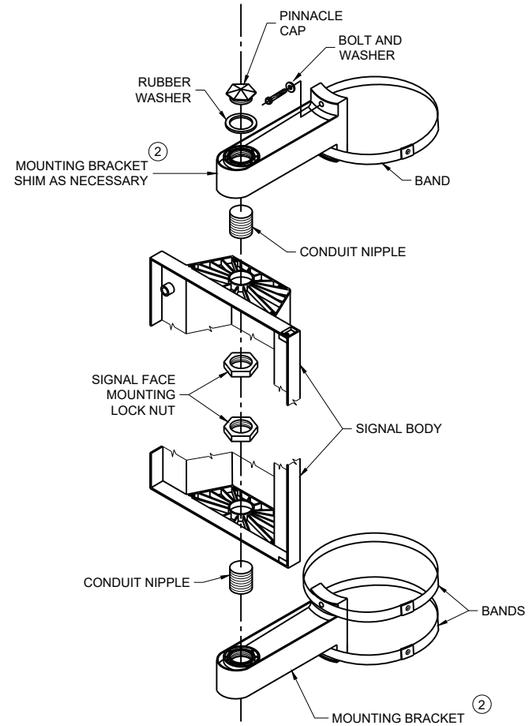



**STRUCTURAL IDENTIFICATION PLAQUE PLACEMENT**

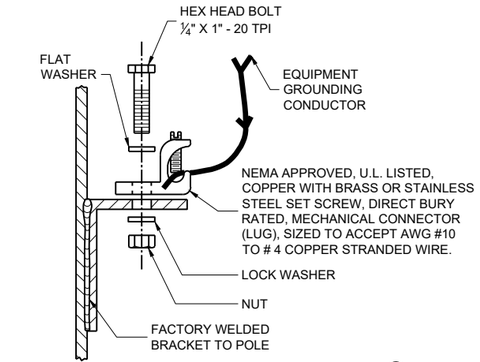



**SIGNAL FACE MOUNTING BRACKET DETAIL FOR MONOTUBE ARM**

**(MOUNT PER MANFACTURER'S RECOMMENDATION)**

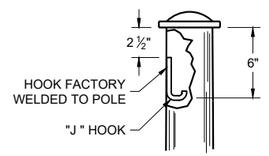



**SIGNAL FACE VERTICAL MOUNTING DETAIL**




**TYPICAL GROUNDING (5) CONNECTIONS**

**NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL**




**TYPICAL "J" HOOK WIRE SUPPORT (6)**

**GENERAL NOTES AND HARDWARE FOR TYPES 9,10, 9/10 SPECIAL, 12 AND 13 POLES WITH MONOTUBE ARMS**

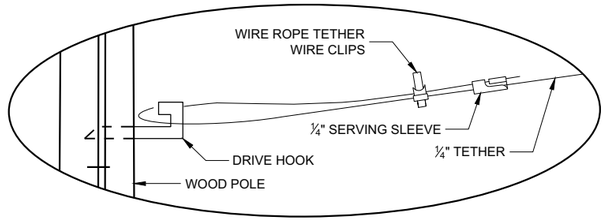
**STATE OF WISCONSIN**
**DEPARTMENT OF TRANSPORTATION**

APPROVED
May 2026
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINFFR

FHWA

| MINIMUM POLE LENGTHS | POLE BURIAL DEPTHS |
|---|---|
| 25' | 5' |
| 30' | 6' |
| 35' | 7' |
| 40' | 8' |
| 45' | 9' |

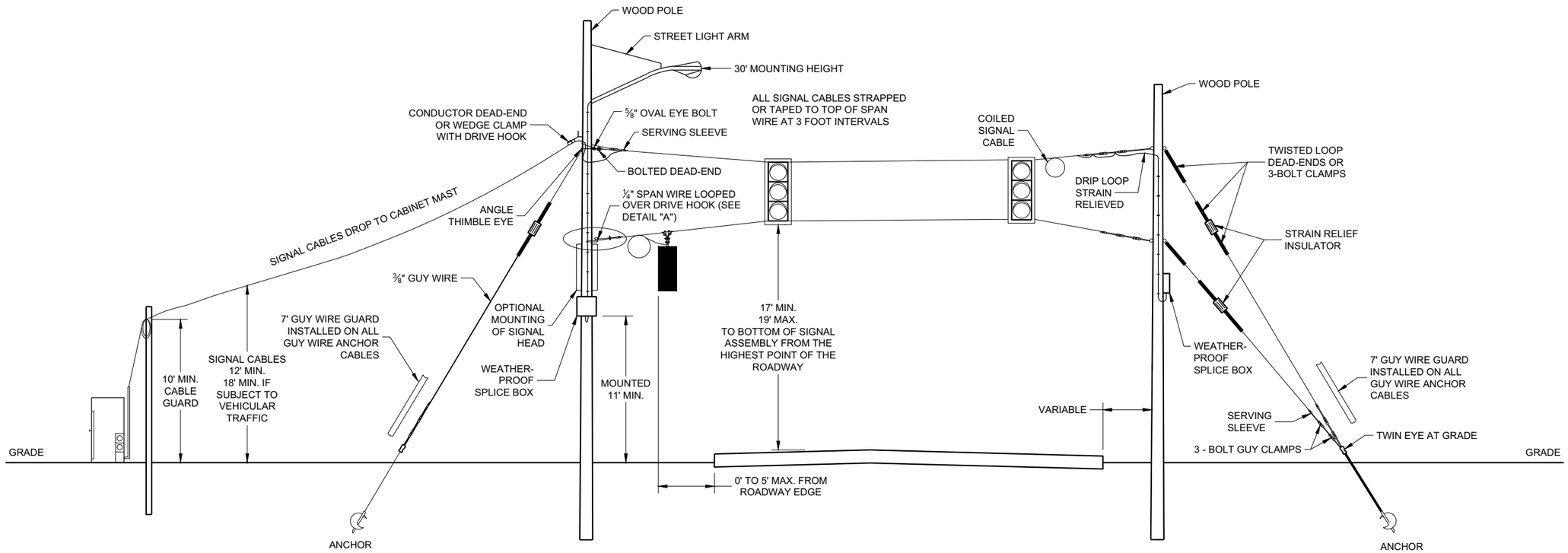



**DETAIL "A"**

## GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

1. WOOD POLES SHALL BE CLASS 4. LENGTH DETERMINED BY SIGNAL PLAN.
2. SIGNAL FACES:
   A. ALL SECTIONS SHALL BE 12" AND POLYCARBONATE.
   B. EACH SHALL CONTAIN A 5" WIDE DULL BLACK POLYCARBONATE BACKPLATE.
   C. EACH SHALL BE WIRED FROM THE TOP SIGNAL MOUNTING BRACKET.
   D. NEAR RIGHT SIGNAL FACE SUSPENDED ON THE TETHER (NO BACKPLATE) SHALL NOT BE OVER THE TRAVELED WAY. IF THE POLE IS WITHIN 5 FEET OF THE TRAVELED WAY MOUNT THE SIGNAL FACE ON THE WOOD POLE WITH BACKPLATE.
3. SPAN WIRE:
   A. EACH SPAN WIRE SHALL BE INDIVIDUALLY DOWN GUYED
   B. SIGNAL AND LIGHTING CABLES SHALL ONLY BE ATTACHED TO THE UPPER SPAN WIRE.
   C. THE SIGNAL ASSEMBLY SHALL HAVE A 17' MIN. HEIGHT ABOVE THE ROADWAY. THIS SHALL BE MEASURED AFTER THE SPAN WIRE INSTALLATION IS COMPLETED WITH ALL CABLES AND SIGNAL FACES IN PLACE. MAINTAIN MINIMUM AND MAXIMUM HEIGHTS AS ROADWAY WORK PROGRESSES.




**SPAN WIRE**
**TEMPORARY SIGNALS**

**SPAN WIRE TEMPORARY TRAFFIC SIGNAL**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2015
DATE
/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI

FHWA



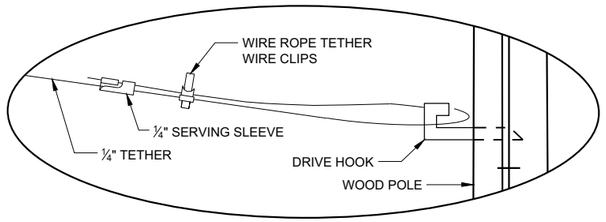
6

SDD09G01 - 04a

6

SDD09G01 - 04a

| MINIMUM POLE LENGTHS | CLASS | POLE BURIAL DEPTHS |
|---|---|---|
| 25' | V | 5' |
| 30' | V | 6' |
| 35' | IV | 7' |
| 40' | IV | 8' |
| 45' | IV | 9' |




**DETAIL "A"**

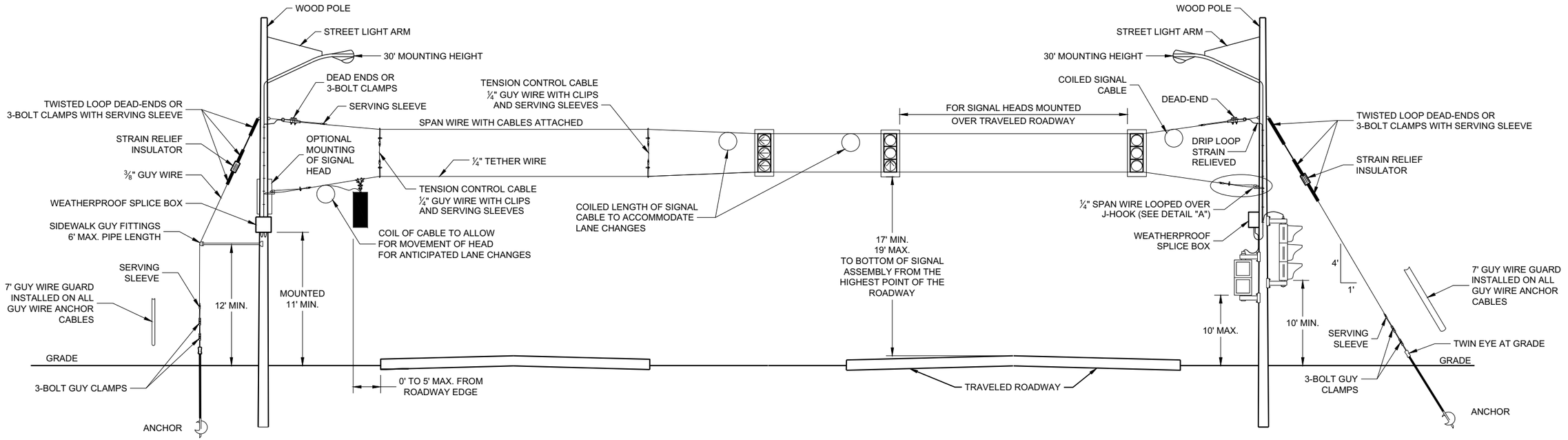
## GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

1. WOOD POLES SHALL BE CLASS 4. LENGTH DETERMINED BY SIGNAL PLAN.

2. SIGNAL FACES:
   - A. ALL SECTIONS SHALL BE 12" AND POLYCARBONATE.
   - B. EACH SHALL CONTAIN A 5" WIDE DULL BLACK POLYCARBONATE BACKPLATE.
   - C. EACH SHALL BE WIRED FROM THE TOP SIGNAL MOUNTING BRACKET.
   - D. NEAR RIGHT SIGNAL FACE SUSPENDED ON THE TETHER (NO BACKPLATE) SHALL NOT BE OVER THE TRAVELED WAY. IF THE POLE IS WITHIN 5 FEET OF THE TRAVELED WAY MOUNT THE SIGNAL FACE ON THE WOOD POLE WITH BACKPLATE.
   - E. FAR INDICATION SHALL BE MAINTAINED OVER CENTER OF TRAFFIC LANE.

3. SPAN WIRE:
   - A. EACH SPAN WIRE SHALL BE INDIVIDUALLY DOWN GUYED
   - B. SIGNAL AND LIGHTING CABLES SHALL ONLY BE ATTACHED TO THE UPPER SPAN WIRE.
   - C. THE SIGNAL ASSEMBLY SHALL HAVE A 17' MIN. HEIGHT ABOVE THE ROADWAY. THIS SHALL BE MEASURED AFTER THE SPAN WIRE INSTALLATION IS COMPLETED WITH ALL CABLES AND SIGNAL FACES IN PLACE. MAINTAIN MINIMUM AND MAXIMUM HEIGHTS AS ROADWAY WORK PROGRESSES.




**SPAN WIRE**
**TEMPORARY SIGNALS**
**4 LANE ROADWAYS**

**SPAN WIRE TEMPORARY TRAFFIC SIGNAL**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2015
DATE
/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI

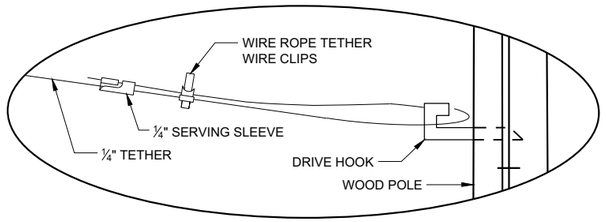
FHWA



SDD09G01 - 04b

SDD09G01 - 04b

| MINIMUM POLE LENGTHS | CLASS | POLE BURIAL DEPTHS |
|---|---|---|
| 25' | V | 5' |
| 30' | V | 6' |
| 35' | IV | 7' |
| 40' | IV | 8' |
| 45' | IV | 9' |

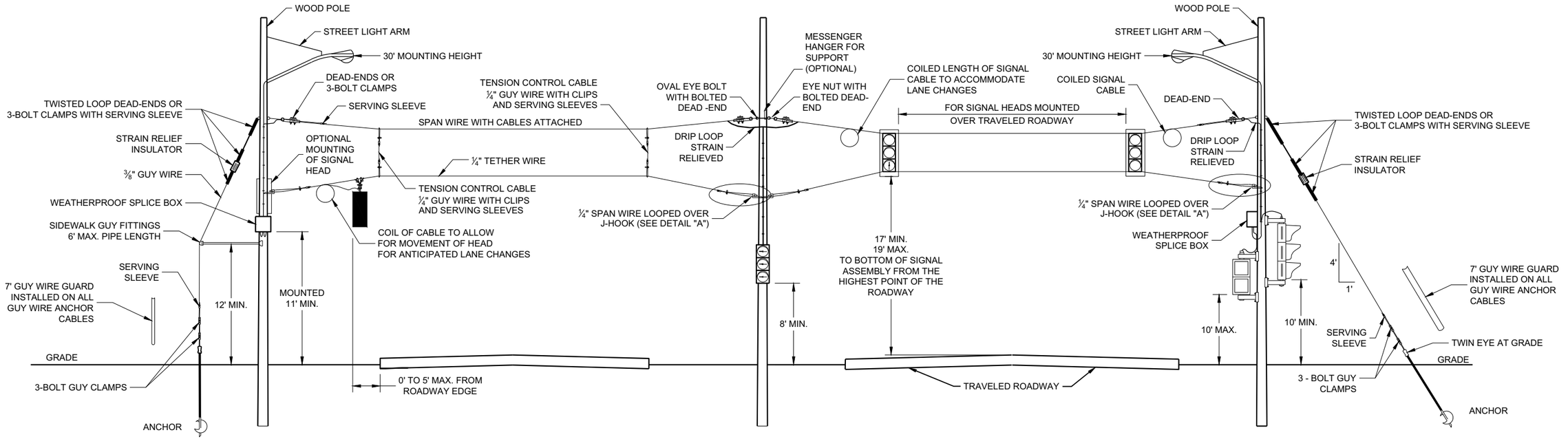



**DETAIL "A"**

## GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

1. WOOD POLES SHALL BE CLASS 4. LENGTH DETERMINED BY SIGNAL PLAN.
2. SIGNAL FACES:
   - A. ALL SECTIONS SHALL BE 12" AND POLYCARBONATE.
   - B. EACH SHALL CONTAIN A 5" WIDE DULL BLACK POLYCARBONATE BACKPLATE.
   - C. EACH SHALL BE WIRED FROM THE TOP SIGNAL MOUNTING BRACKET.
   - D. NEAR RIGHT SIGNAL FACE SUSPENDED ON THE TETHER (NO BACKPLATE) SHALL NOT BE OVER THE TRAVELED WAY. IF THE POLE IS WITHIN 5 FEET OF THE TRAVELED WAY MOUNT THE SIGNAL FACE ON THE WOOD POLE WITH BACKPLATE.
   - E. FAR INDICATION SHALL BE MAINTAINED OVER CENTER OF TRAFFIC LANE.
3. SPAN WIRE:
   - A. EACH SPAN WIRE SHALL BE INDIVIDUALLY DOWN GUYED
   - B. SIGNAL AND LIGHTING CABLES SHALL ONLY BE ATTACHED TO THE UPPER SPAN WIRE.
   - C. THE SIGNAL ASSEMBLY SHALL HAVE A 17' MIN. HEIGHT ABOVE THE ROADWAY. THIS SHALL BE MEASURED AFTER THE SPAN WIRE INSTALLATION IS COMPLETED WITH ALL CABLES AND SIGNAL FACES IN PLACE. MAINTAIN MINIMUM AND MAXIMUM HEIGHTS AS ROADWAY WORK PROGRESSES.




**SPAN WIRE**
**TEMPORARY SIGNALS**
**4 LANE ROADWAYS**

**SPAN WIRE TEMPORARY TRAFFIC SIGNAL**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

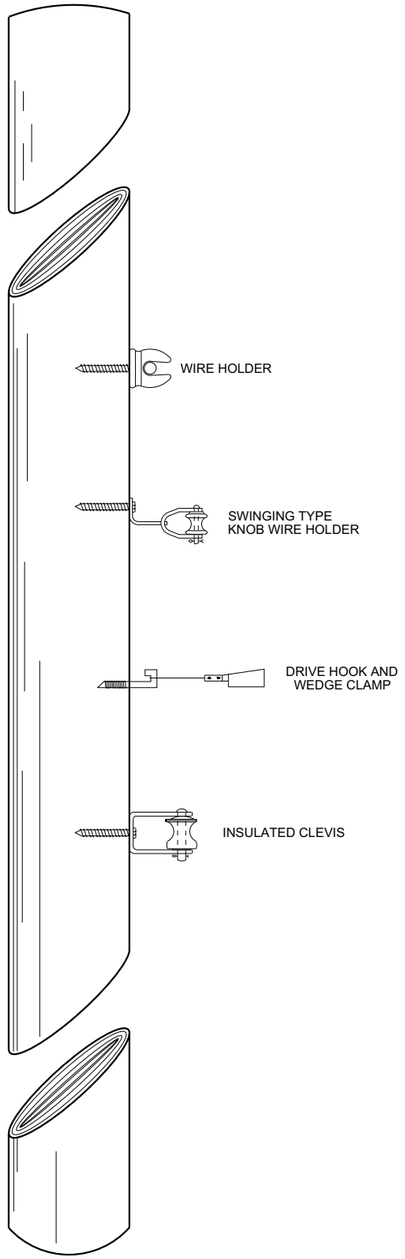
APPROVED
June 2015
DATE
/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI

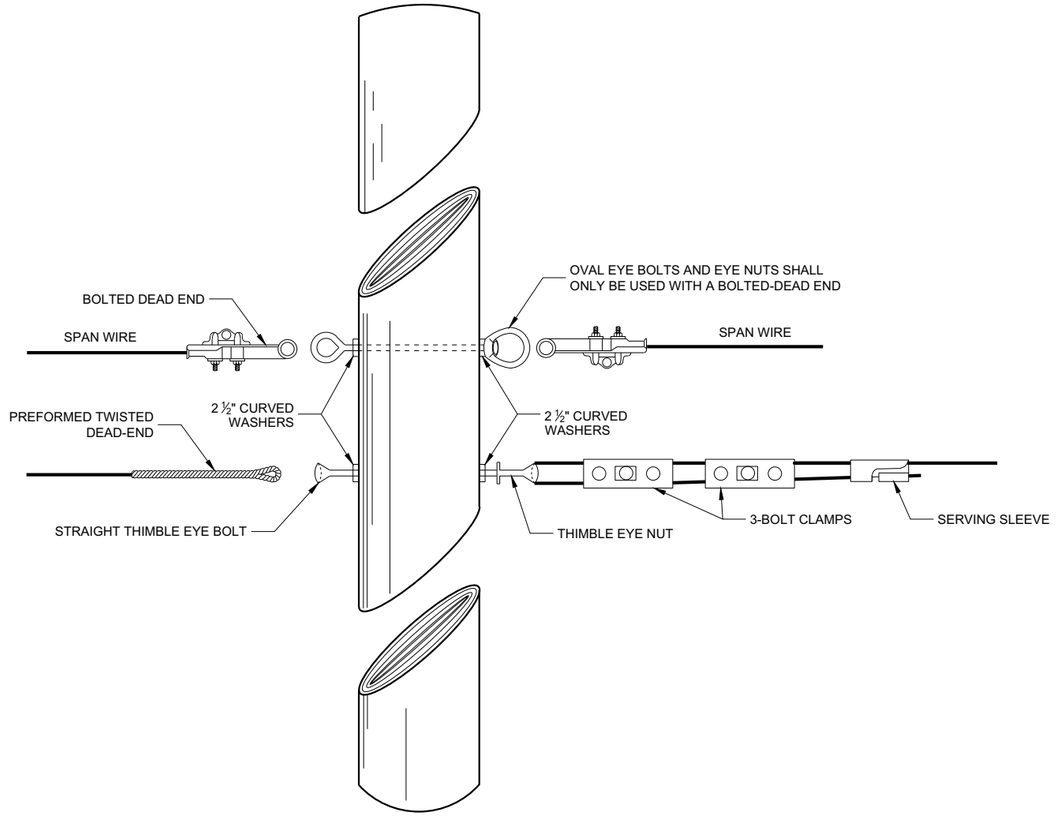
FHWA




6


SDD09G01 - 04c




6

6

SDD 09G01 - 4d

SDD 09G01 - 4d

**SPAN WIRE TEMPORARY TRAFFIC SIGNAL**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

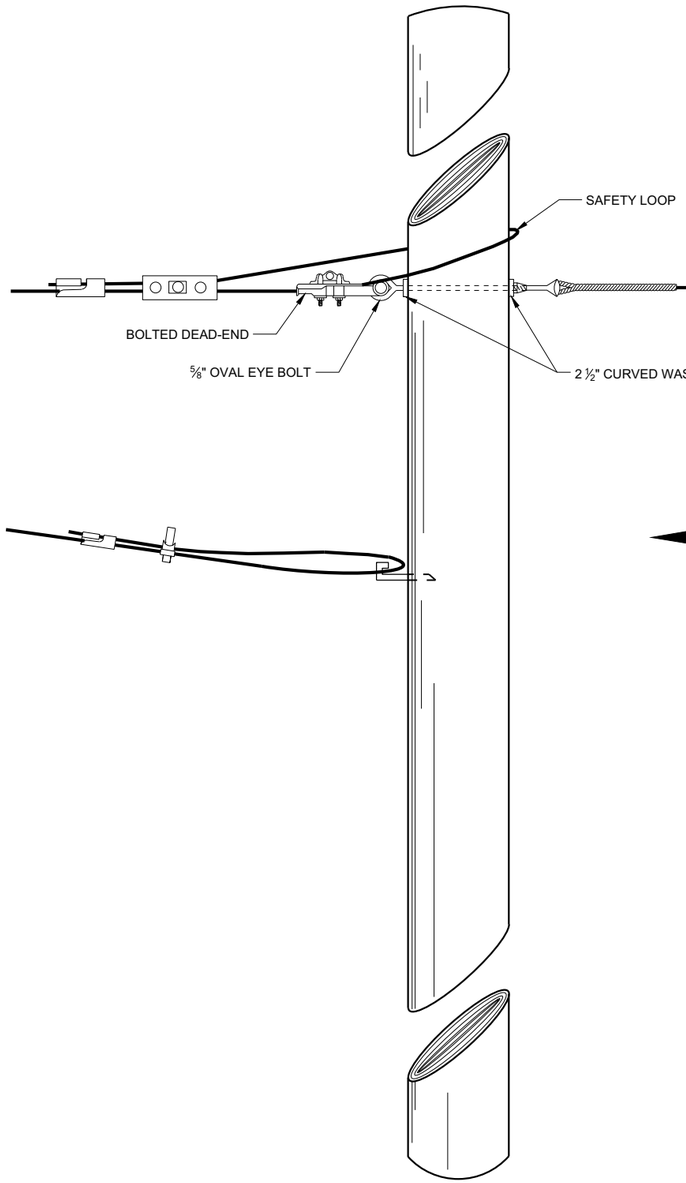
June 2015
DATE

/S/ Ahmet Demerbilek
ROADWAY STANDARDS DEVE ENGINEER

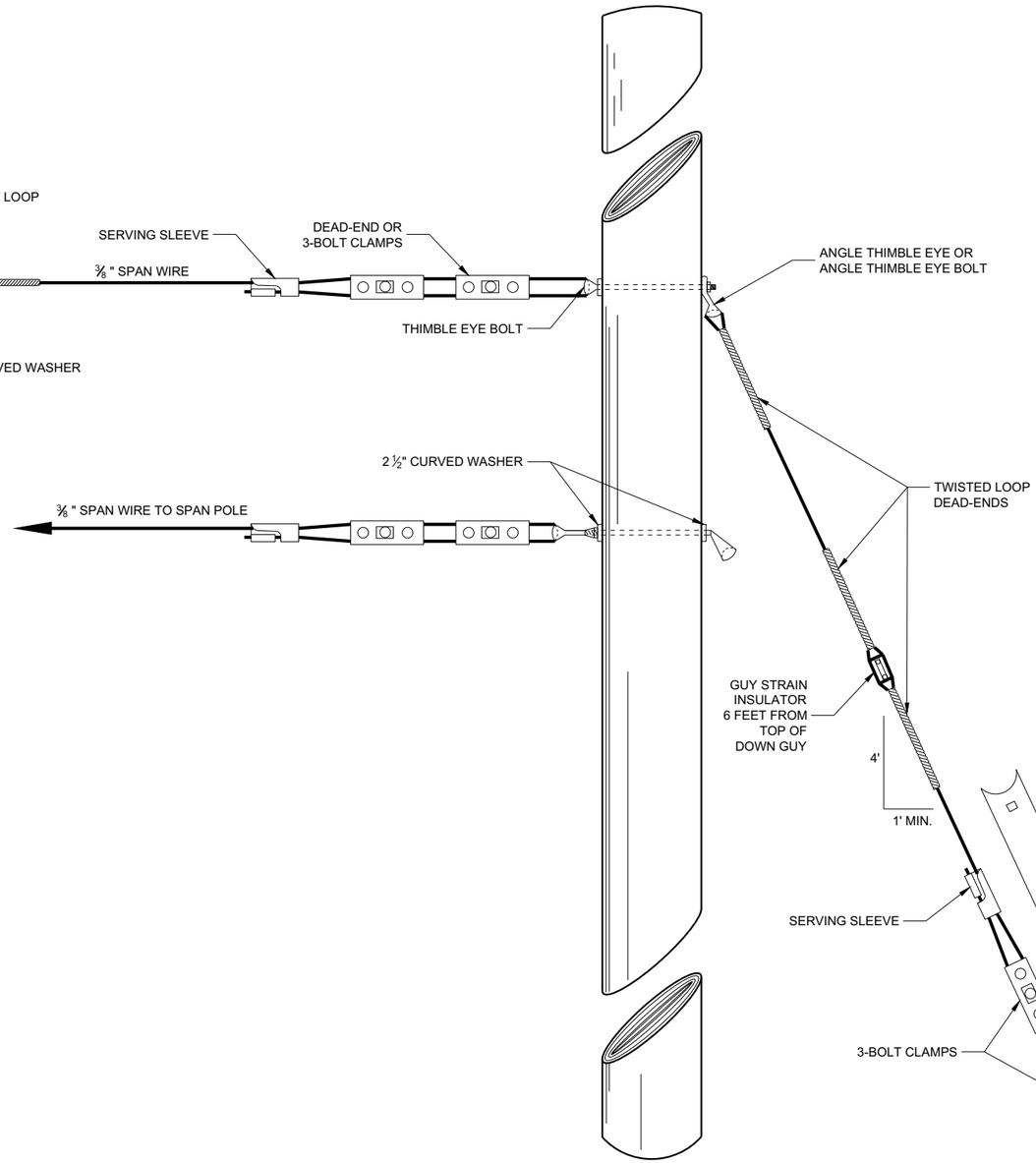
FHWA

## GENERAL NOTES

1. USE ¾" DRILL IN WOOD POLE TO PROVIDE FOR ⅝" BOLTS.
2. SAFETY LOOP REQUIRED ON EACH END OF ALL SPAN WIRES.




SPAN WIRE POLE




GUY POLE




**TYPICAL DEAD-ENDINGS OR GUYING**

**SPAN WIRE TEMPORARY TRAFFIC SIGNAL**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2015 — DATE
/S/ Ahmet Demerbilek — ROADWAY STANDARDS DEVE ENGINEER
FHWA

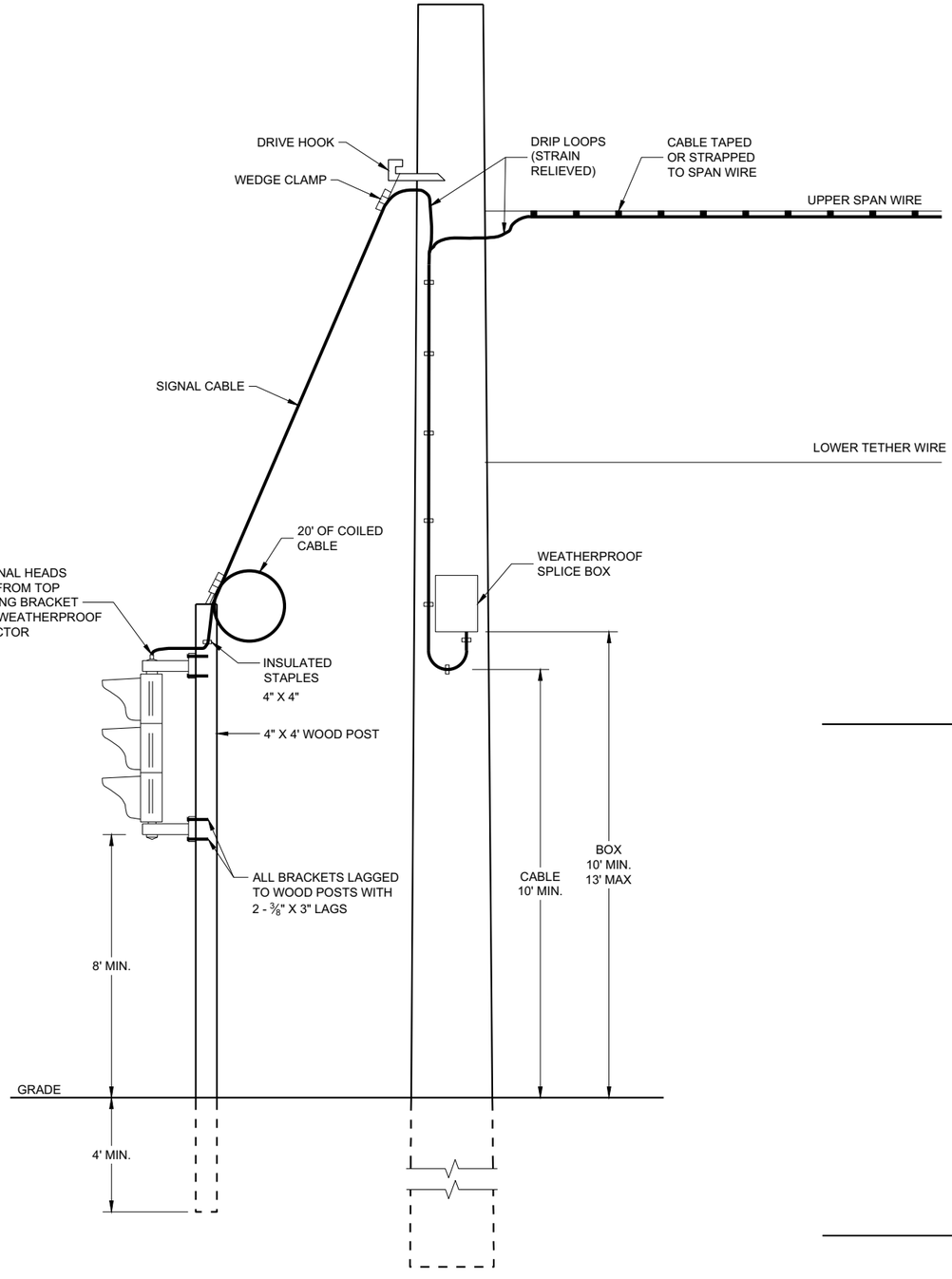


6

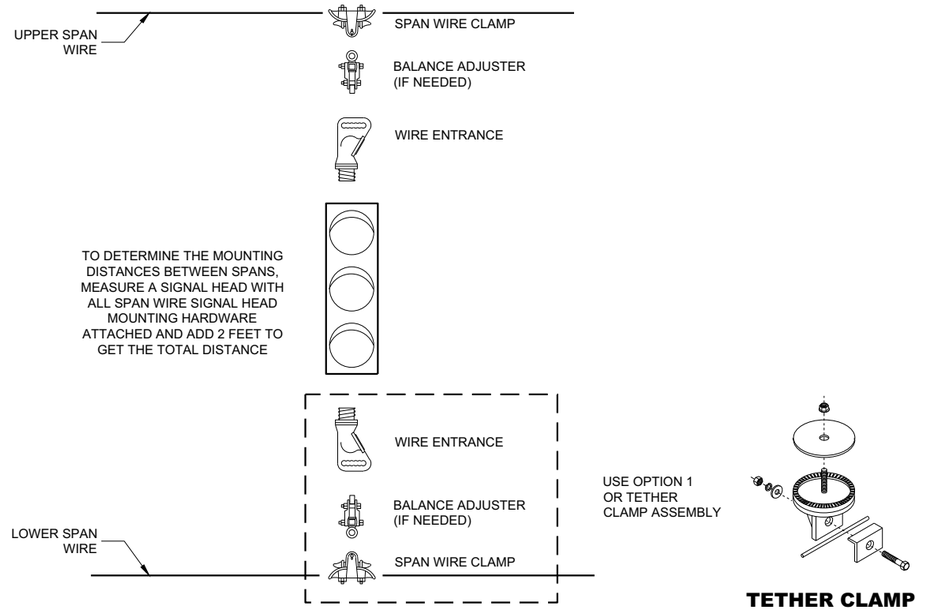
SDD 09G01 - 4e

6

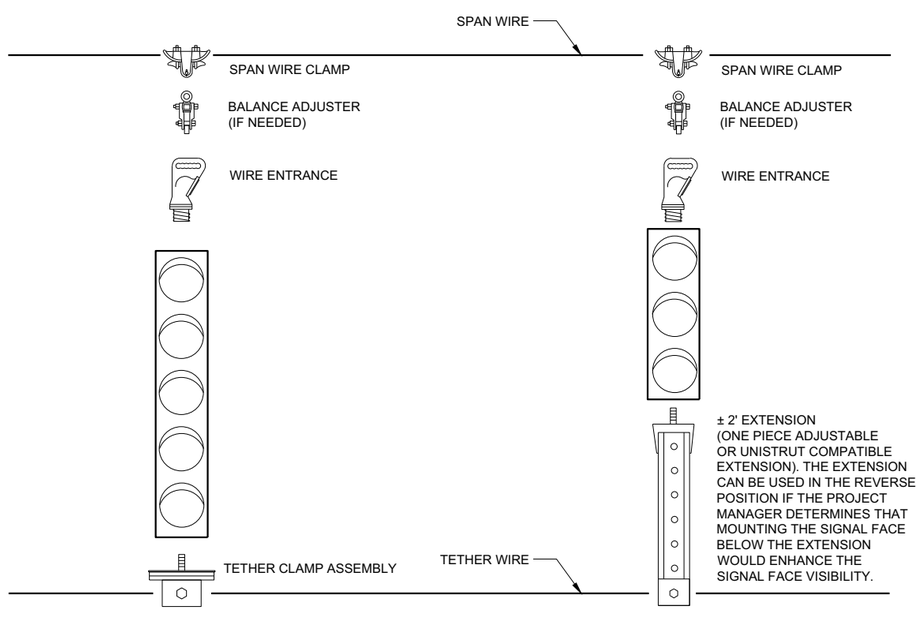
SDD 09G01 - 4e




**TYPICAL DROP TO TEMPORARY MOVEABLE SIGNAL**




**TYPICAL SPAN WIRE MOUNTING HARDWARE**




**5 SECTION VERTICAL WITH 3 SECTION VERTICAL ON ONE SPAN WIRE**

**SPAN WIRE TEMPORARY TRAFFIC SIGNAL**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2015 — DATE
/S/ Ahmet Demerbilek — ROADWAY STANDARDS DEVE ENGINEER

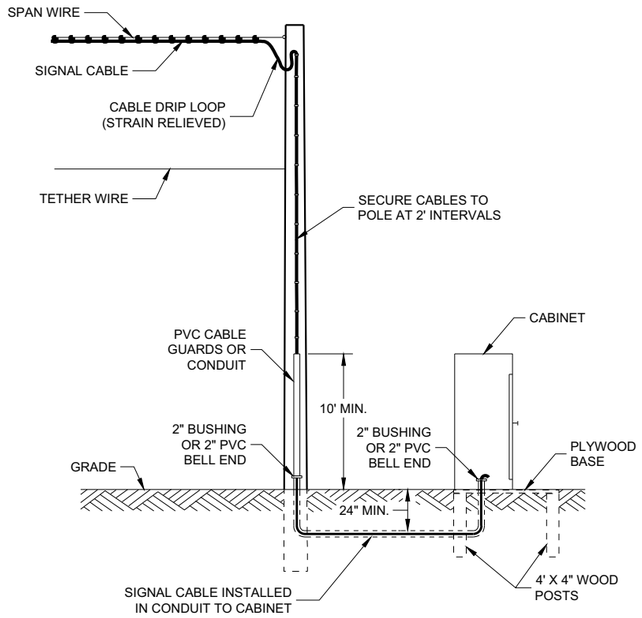
FHWA

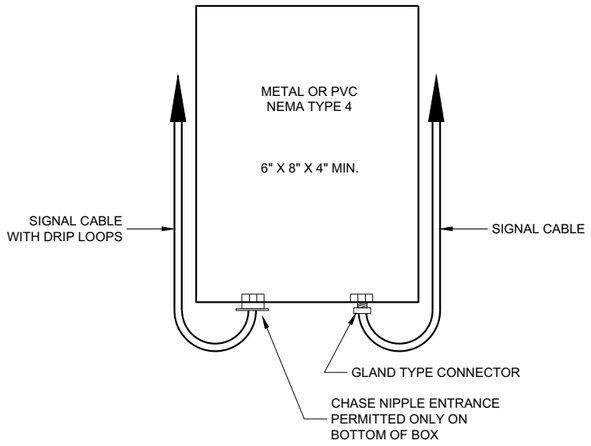




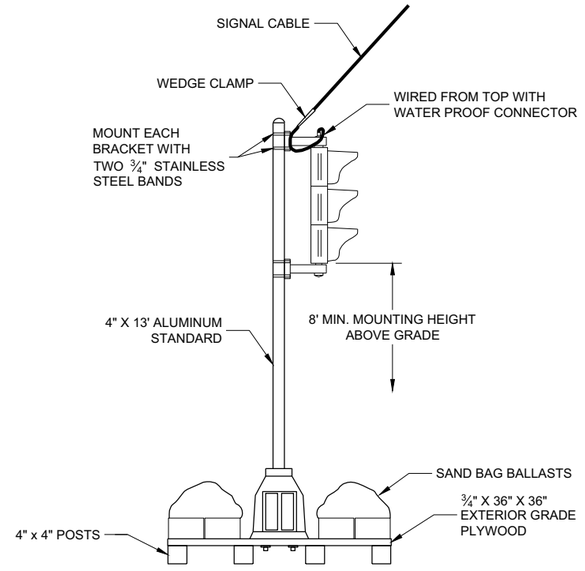
6

SDD 09G01 - 4f

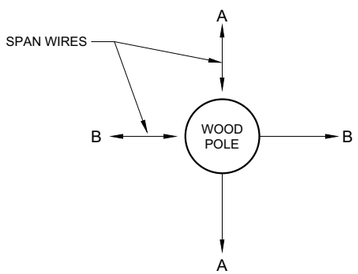



**SPLICE BOX**

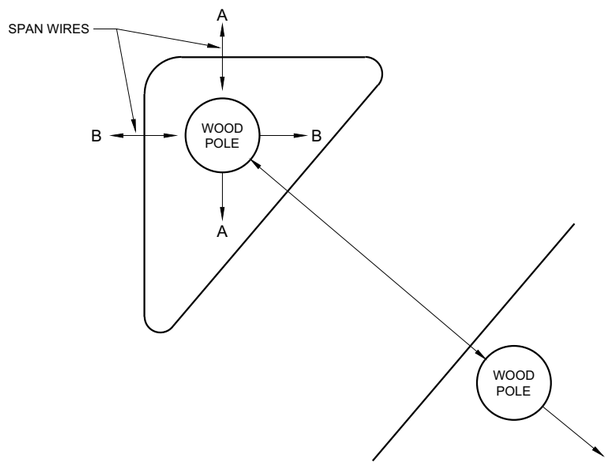



**TYPICAL SKID TYPE TEMPORARY**

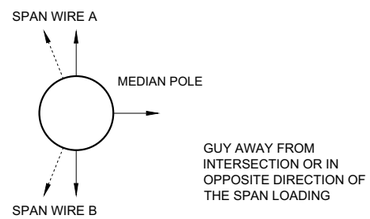



ALL DOWN OR SIDEWALK GUYS
SHALL BE INSTALLED IN THE
OPOSITE DIRECTION OF THE
STRAIN OF THE SPAN WIRE

**CORNER POLES**




**ISLAND POLES**




GUY AWAY FROM
INTERSECTION OR IN
OPPOSITE DIRECTION OF
THE SPAN LOADING

**MEDIAN POLES**

**SPAN WIRE TEMPORARY TRAFFIC SIGNAL**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2015
DATE

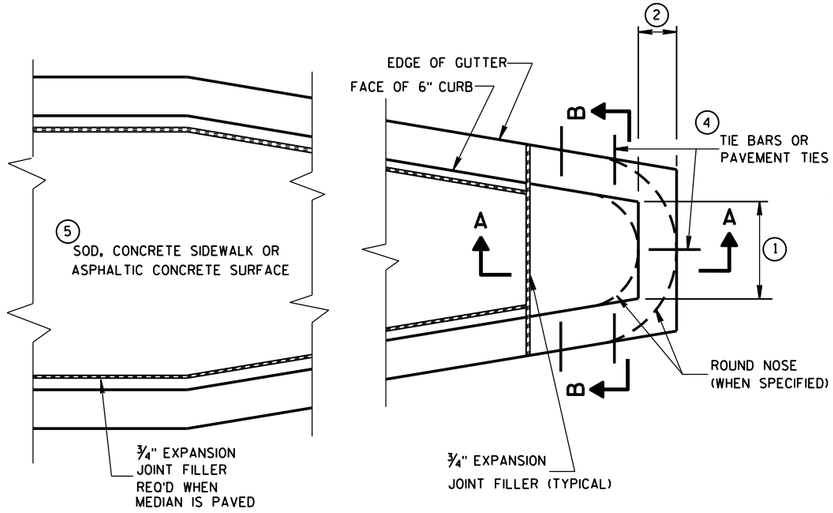
/S/ Ahmet Demerbilek
ROADWAY STANDARDS DEVE ENGINEER

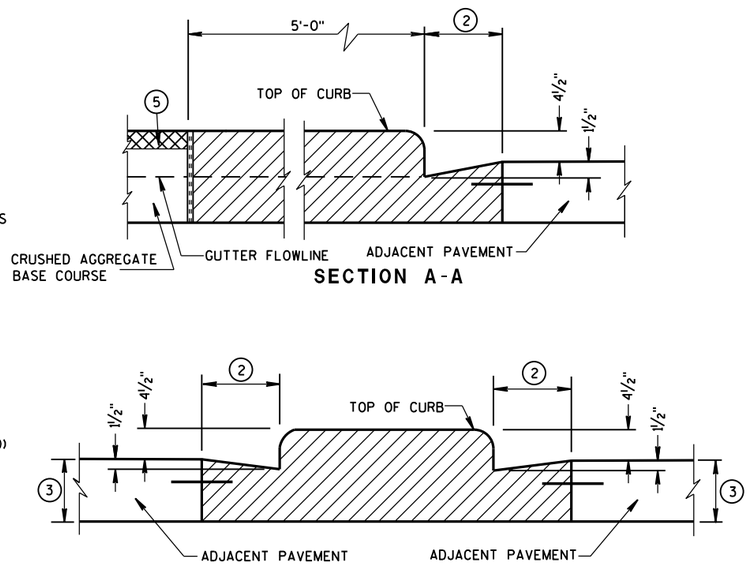
FHWA



SDD 09G01 - 4g

SDD 09G01 - 4g




## CONCRETE MEDIAN BLUNT NOSE DETAIL

## 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.

(1) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

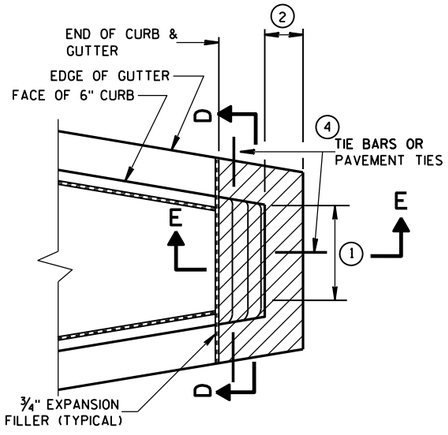
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

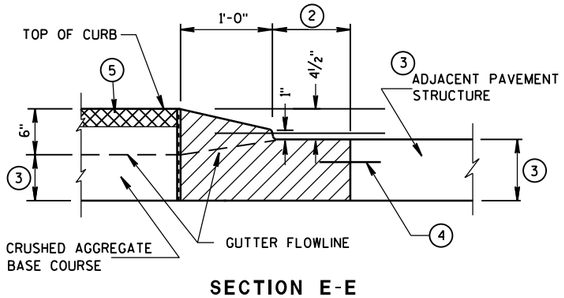
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

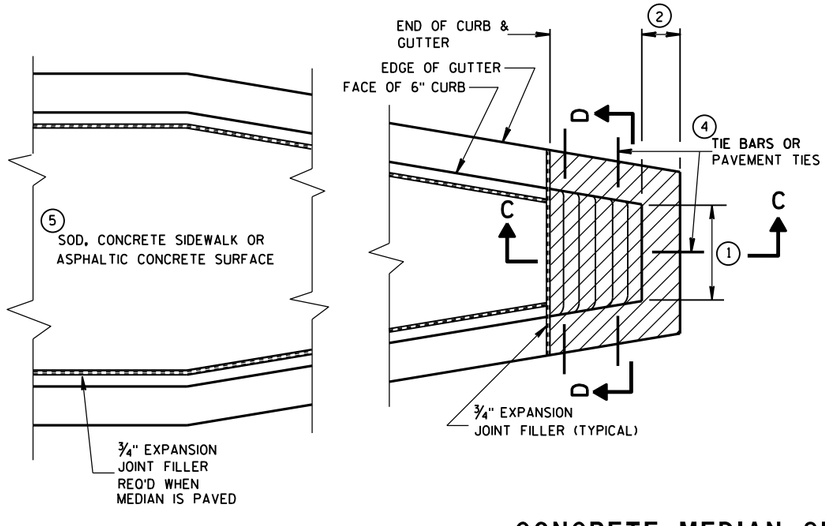
(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.

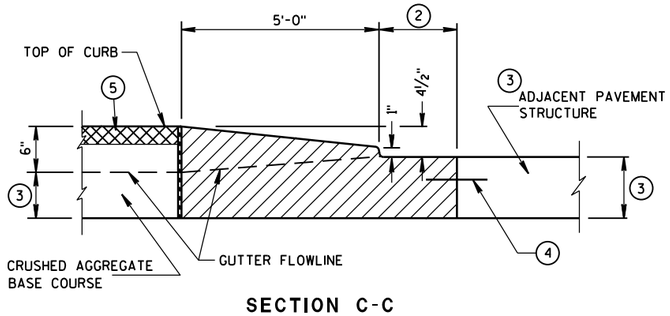



SECTION E-E

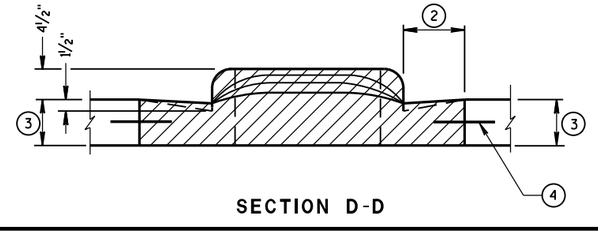
## CONCRETE MEDIAN SLOPED NOSE TYPE 2




SECTION C-C

## CONCRETE MEDIAN SLOPED NOSE TYPE 1




SECTION D-D

CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/8/2006
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS D ENGINEER
FHWA



6

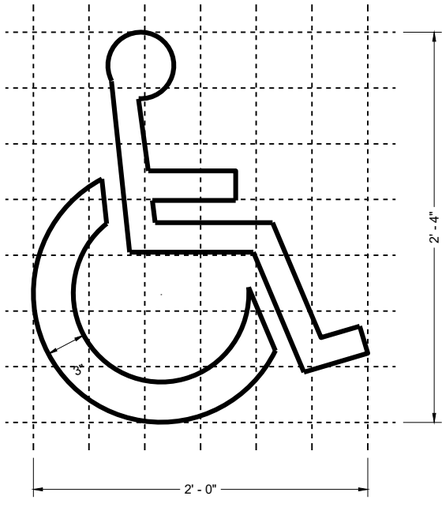
S.D.D. 11 B 2-2

6

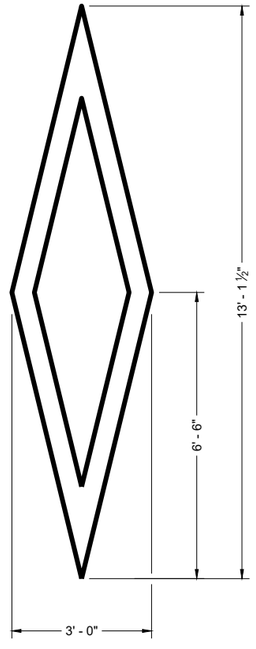
S.D.D. 11 B 2-2

## 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.




**HANDICAP SYMBOL**




**PREFERENTIAL LANE SYMBOL**

6

SDD 15C07-16a

**PAVEMENT MARKING SYMBOLS**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024
DATE

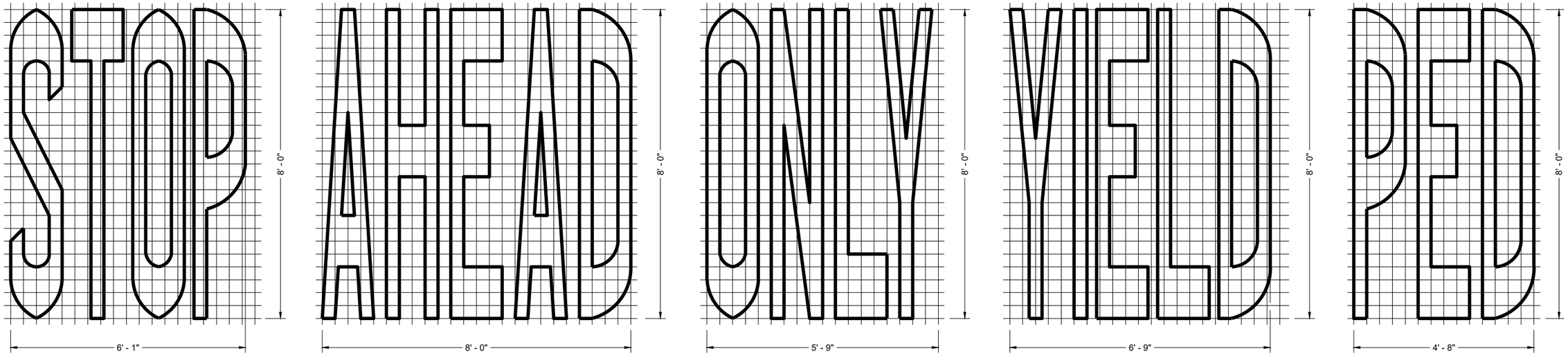
/S/ Jeannie Silver
STATE SIGNING AND MARKING ENGINEER

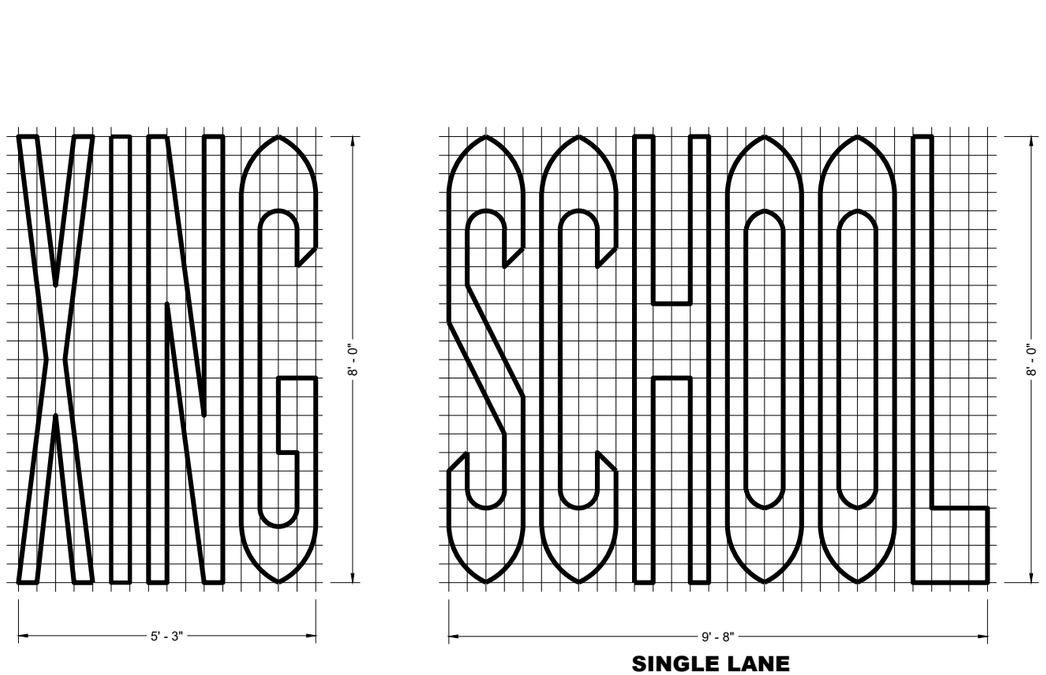
FHWA



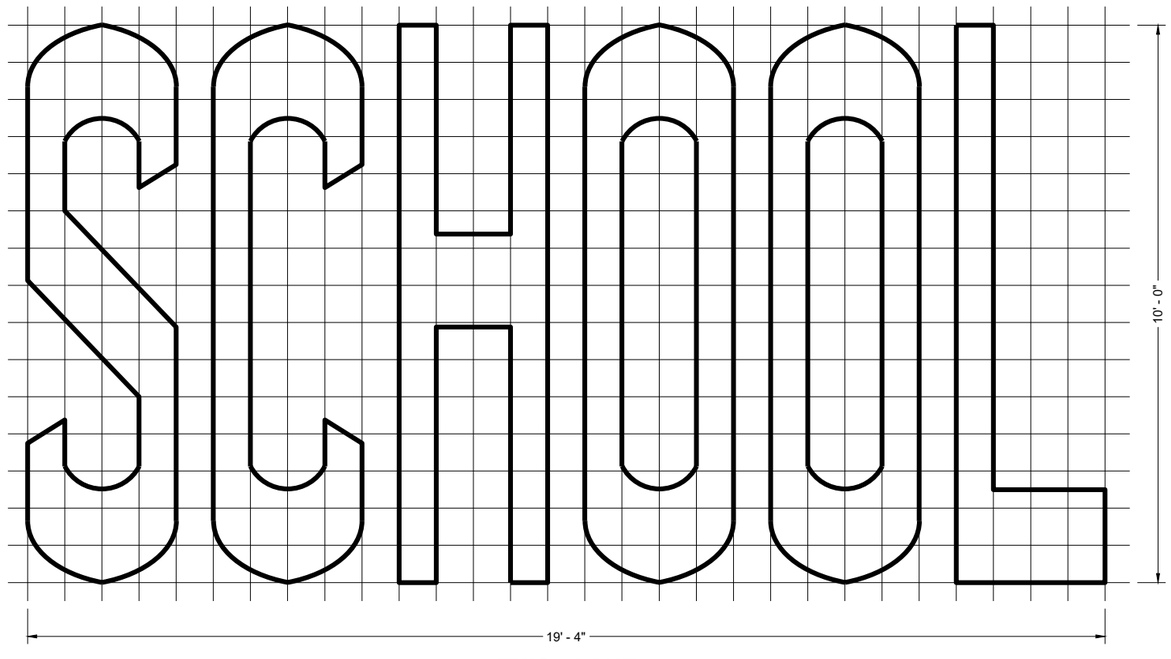
6

SDD 15C07-16a




**SINGLE LANE**




**TWO - LANE**

## 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.

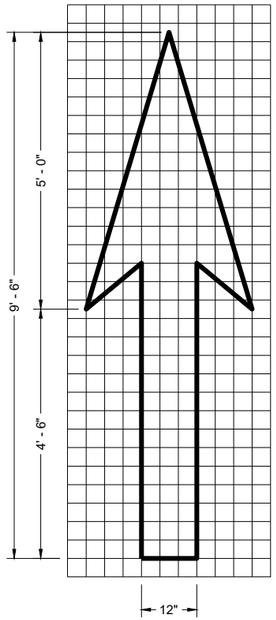
**PAVEMENT MARKING WORDS**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

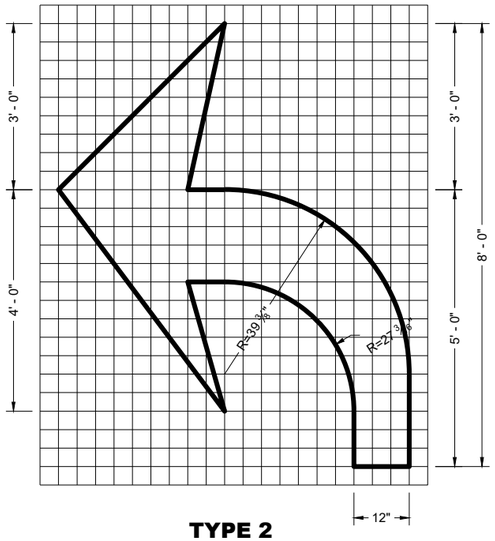
APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER
FHWA


6

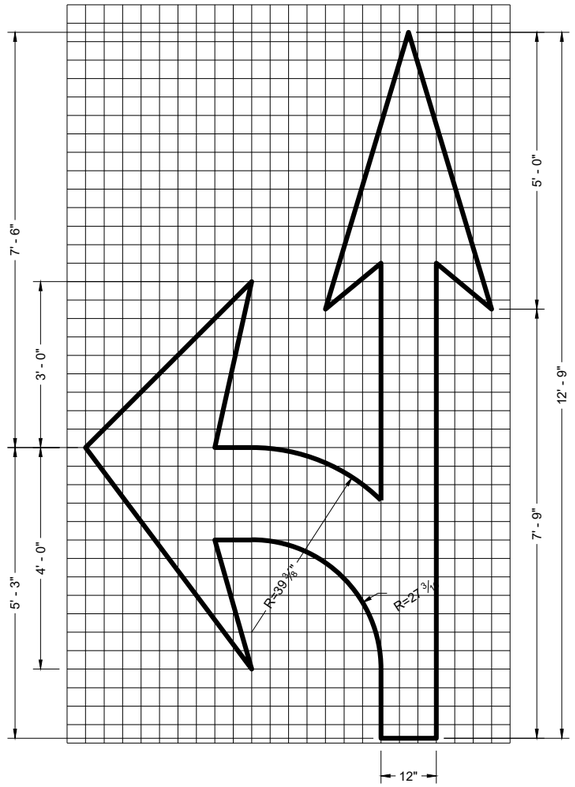

SDD 15C07-16b




TYPE 1



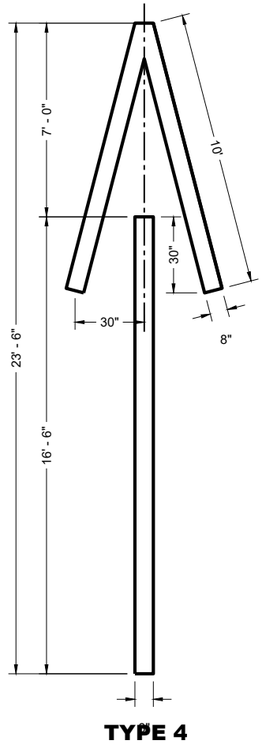

TYPE 2



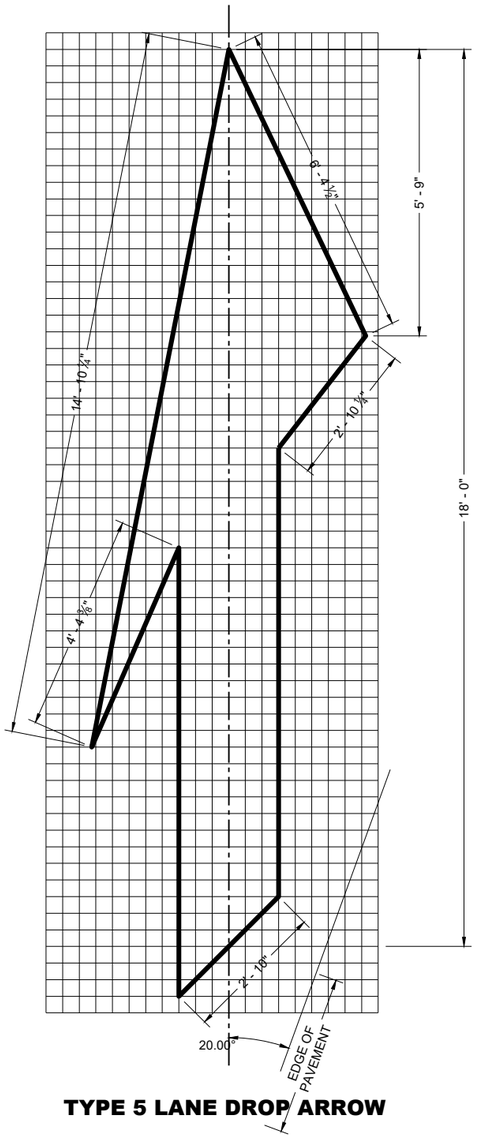

TYPE 3

## GENERAL NOTES

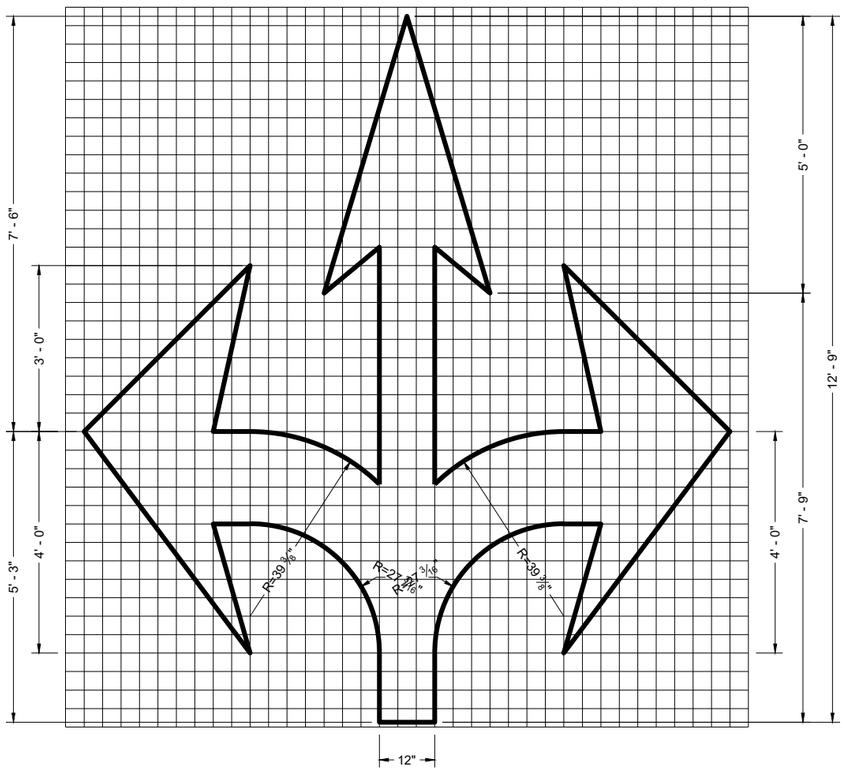
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



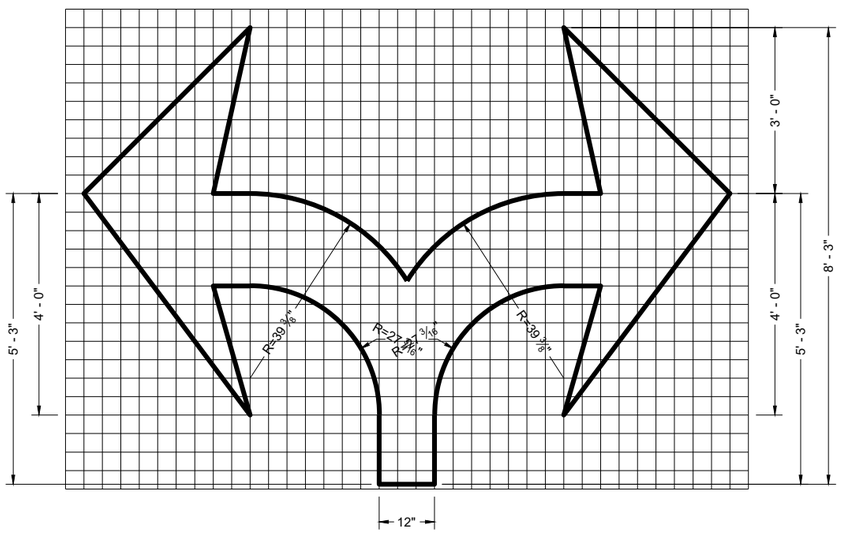

TYPE 4




TYPE 5 LANE DROP ARROW




TYPE 6




TYPE 7

**PAVEMENT MARKING ARROWS**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

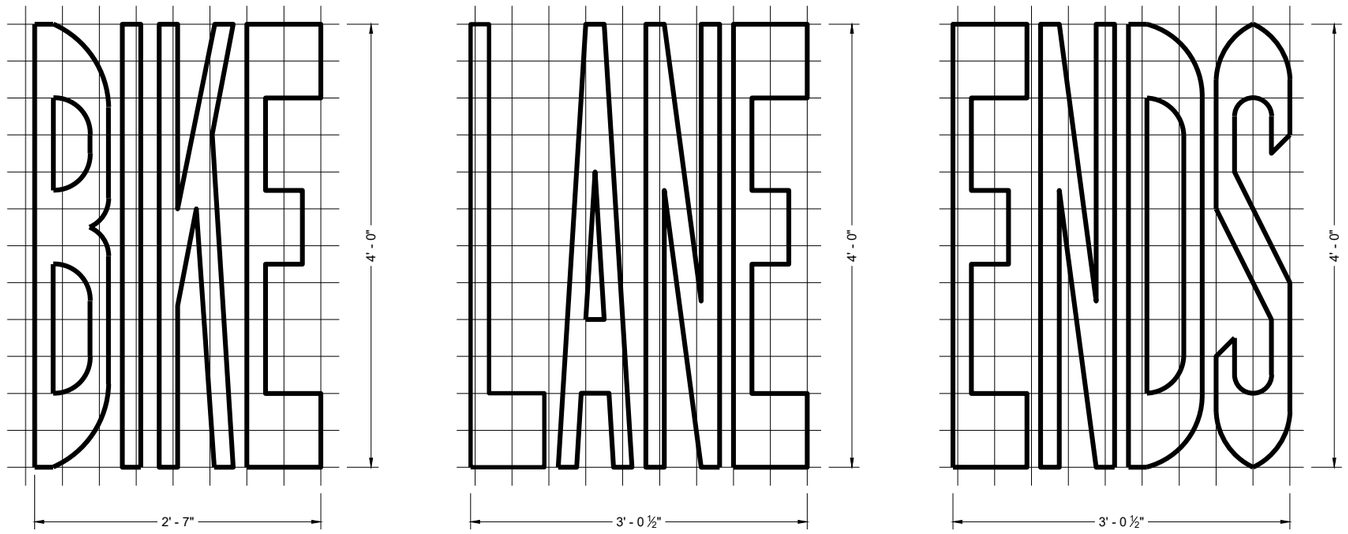
FHWA



6

SDD 15C07-16c

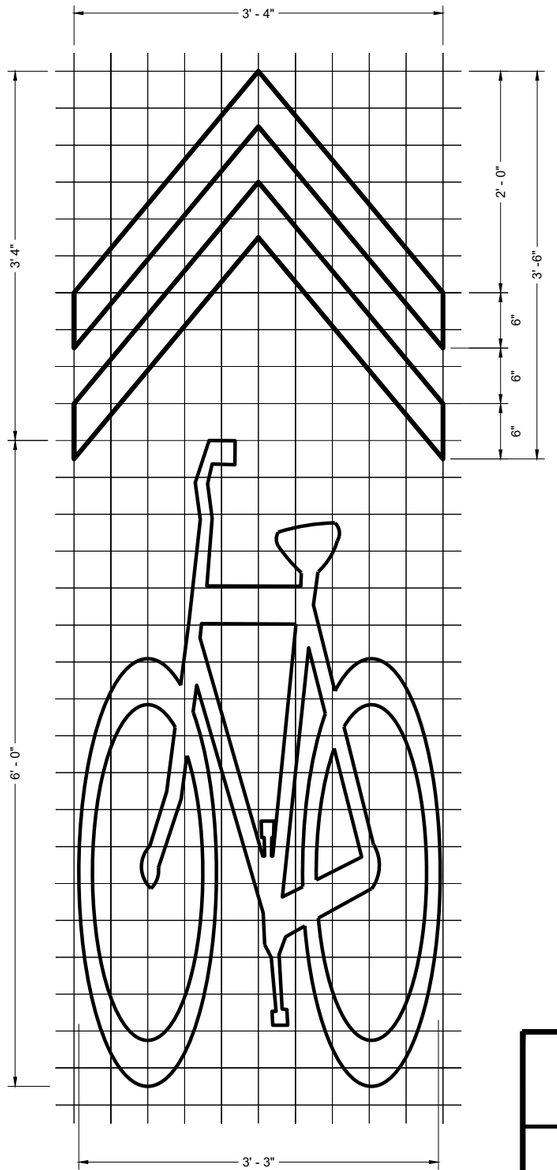
SDD 15C07-16c




**BIKE LANE WORDS**

## GENERAL NOTES

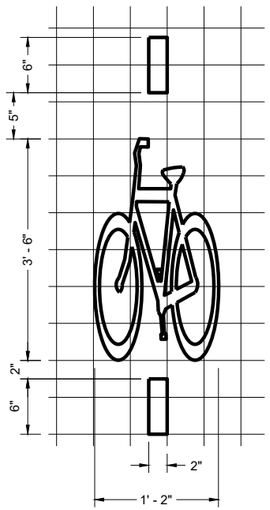
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.







**BIKE LANE ARROW**




**BICYCLE DETECTOR PAVEMENT MARKING**




**BIKE LANE SYMBOL**




**BIKE LANE SYMBOL FOR SHARED LANE**

**PAVEMENT MARKING FOR BIKE LANES**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

FHWA



6
SDD 15C07-16e

## 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

(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

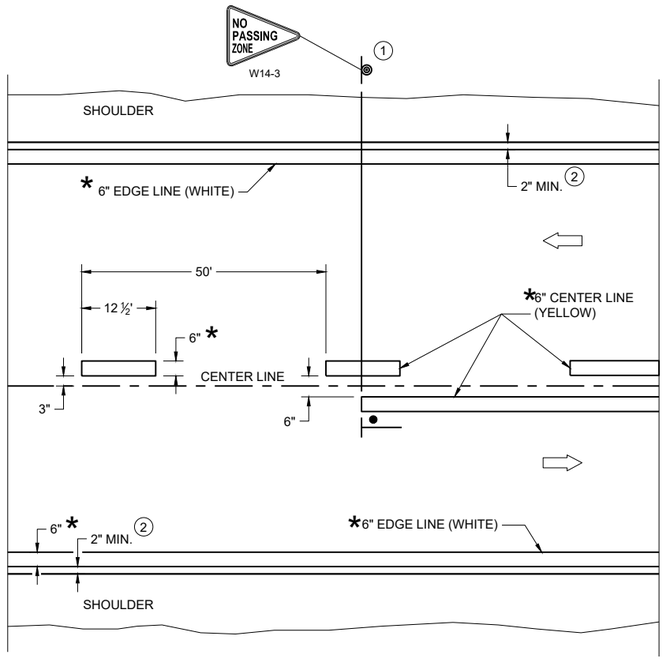
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

## LEGEND

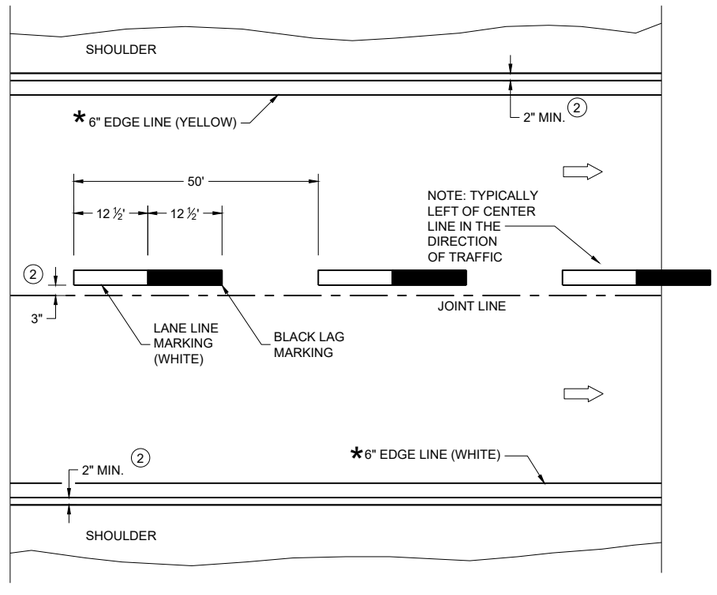
"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC




TWO WAY TRAFFIC




ONE WAY TRAFFIC

**PERMANENT PAVEMENT MARKING**

**PERMANENT LONGITUDINAL PAVEMENT MARKINGS**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

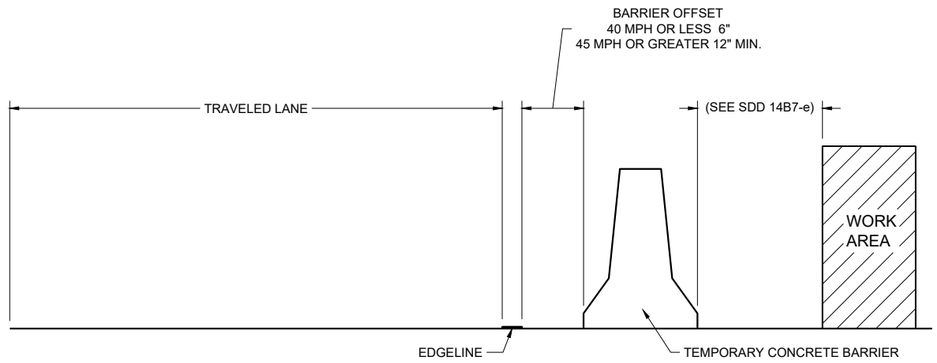
FHWA



6

SDD 15C08-24a

SDD 15C08-24a




**TEMPORARY BARRIER OFFSET FROM EDGELINE**

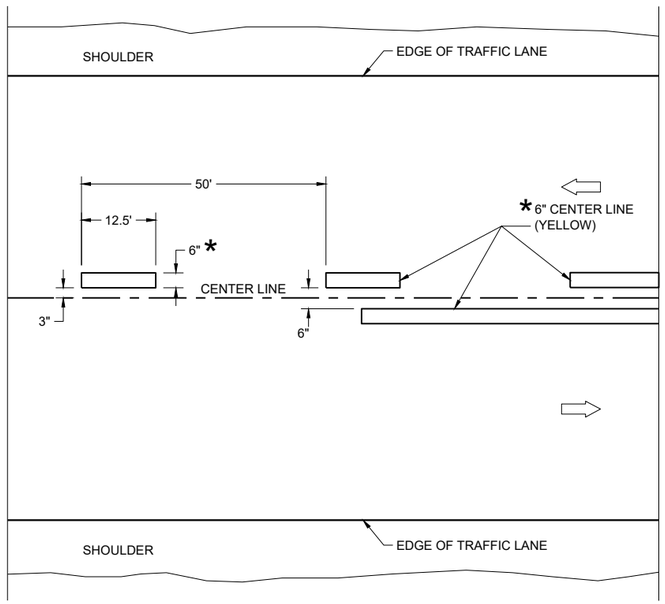
## GENERAL NOTES

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

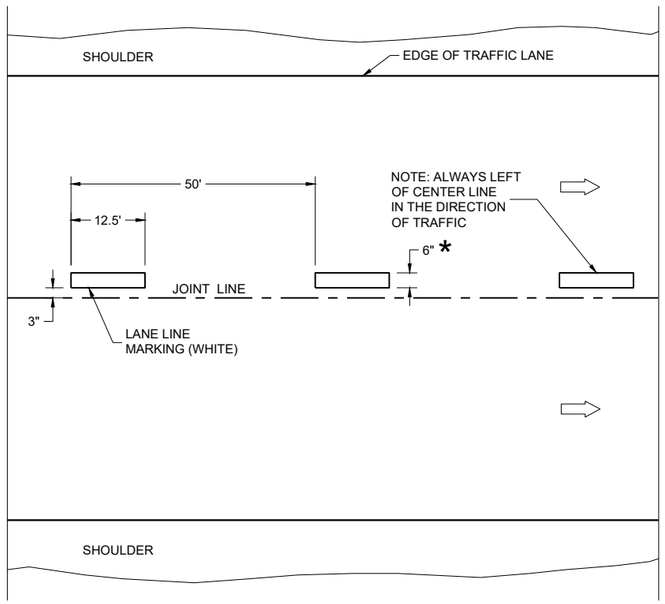
## LEGEND

DIRECTION OF TRAFFIC

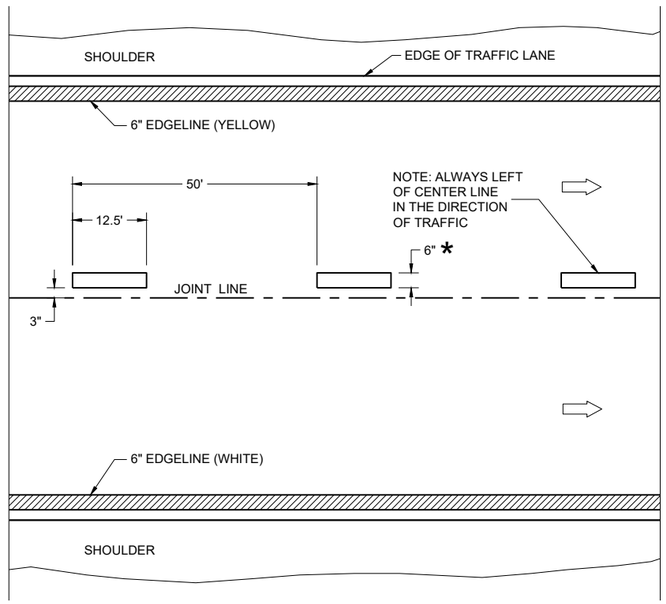
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES




**TWO WAY TRAFFIC**




**ONE WAY TRAFFIC**




**FREEWAYS AND EXPRESSWAYS**

**TEMPORARY PAVEMENT MARKING**

**TEMPORARY LONGITUDINAL PAVEMENT MARKING**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024
DATE
/S/ Jeannie Silver
Statewide Pavement Marking Engineer
FHWA



6

SDD 15C08-24b

6

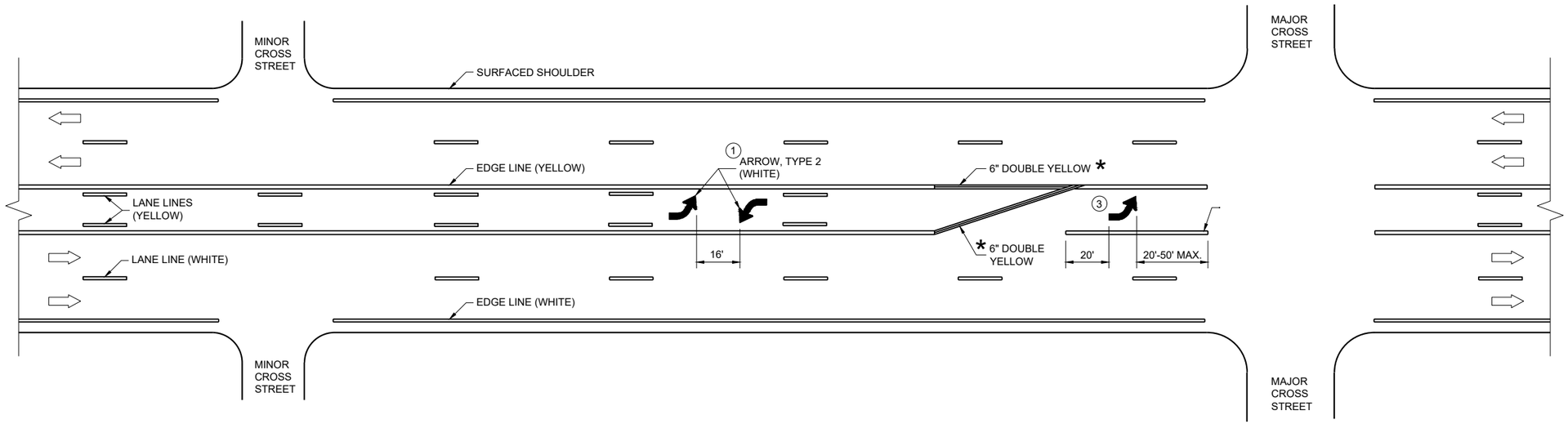
SDD 15C08-24b

## GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 10" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

⇨ DIRECTION OF TRAFFIC

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES




**TWO WAY LEFT TURN LANE**





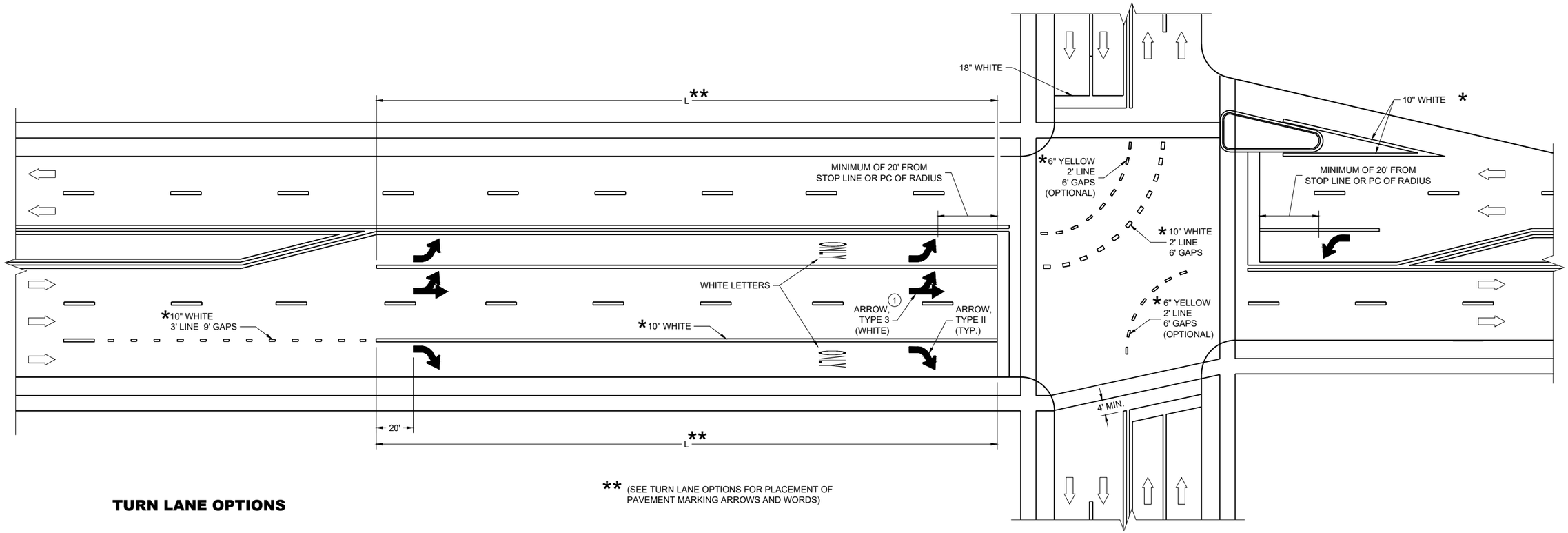
**PAVEMENT MARKING (TURN LANES)**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



6

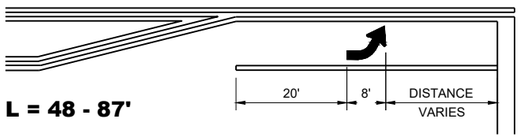
SDD 15C08-24c



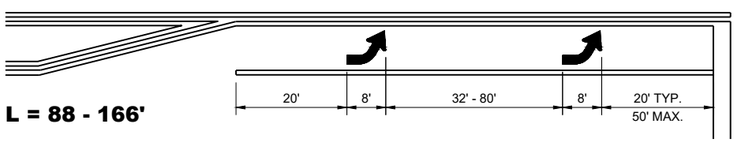

** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

## TURN LANE OPTIONS

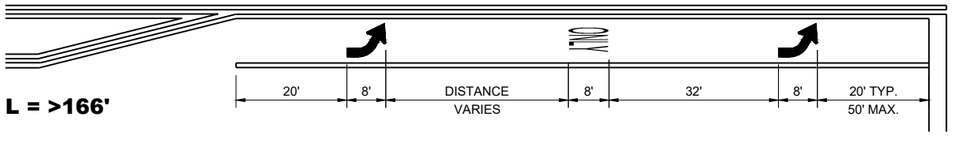
LENGTH OF TURN BAY ( **L** ) OF 0 - 47' DOES NOT
REQUIRE PAVEMENT MARKING ARROWS OR WORDS




**L = 48 - 87'**




**L = 88 - 166'**




**L = >166'**

## GENERAL NOTES

1. QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

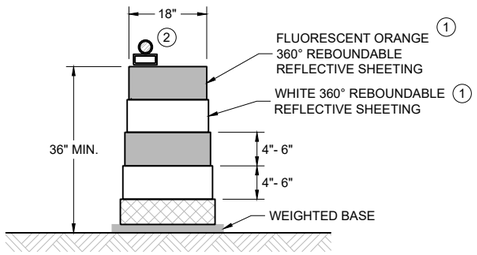
**PAVEMENT MARKING (TURN LANES)**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

## GENERAL NOTES

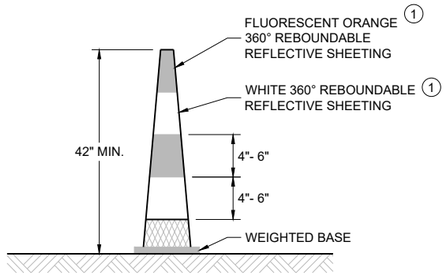
(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

(2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.




### DRUM

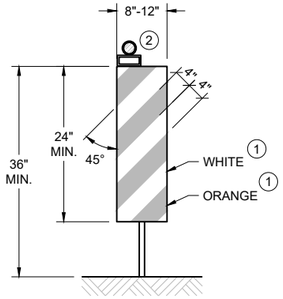
BALLAST WIDTHS
RANGE FROM 24"-36"




### 42" CONE

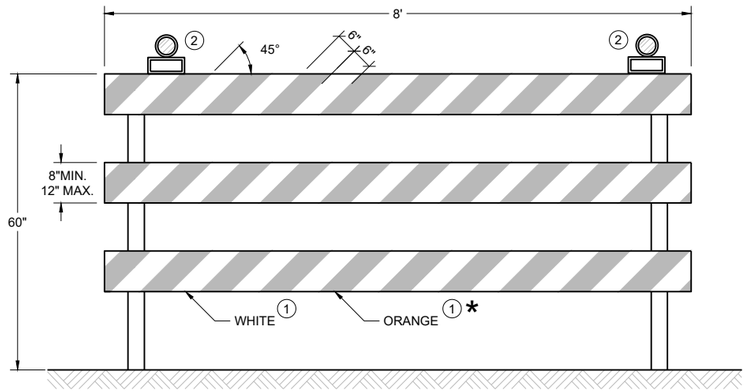
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"




### VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.




### TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

**CHANNELIZING DEVICES**
**DRUMS, CONES, BARRICADES**
**AND VERTICAL PANELS**

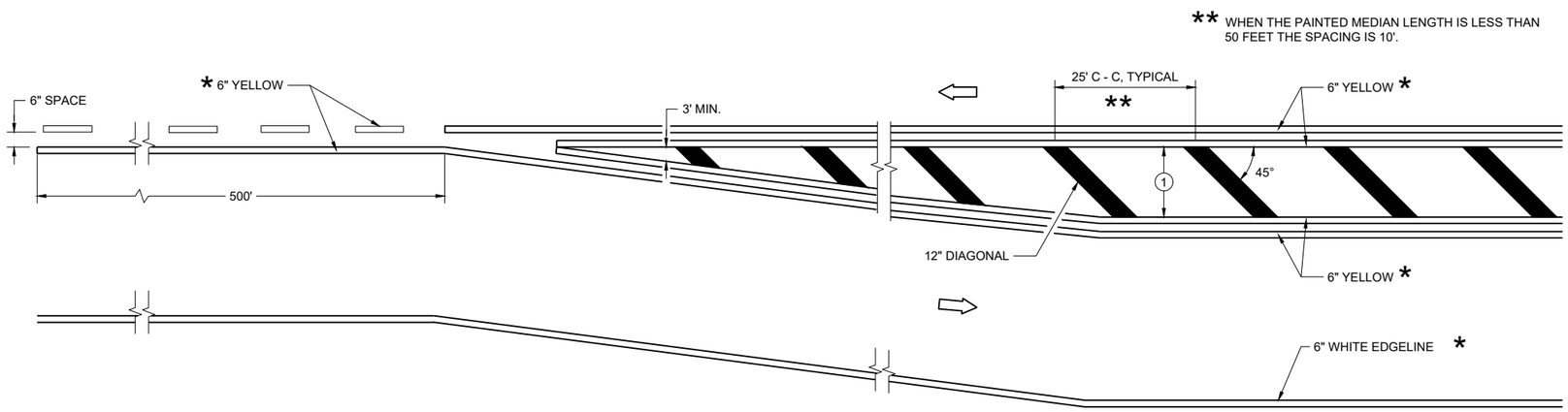
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA



6
SDD 15C11-11b



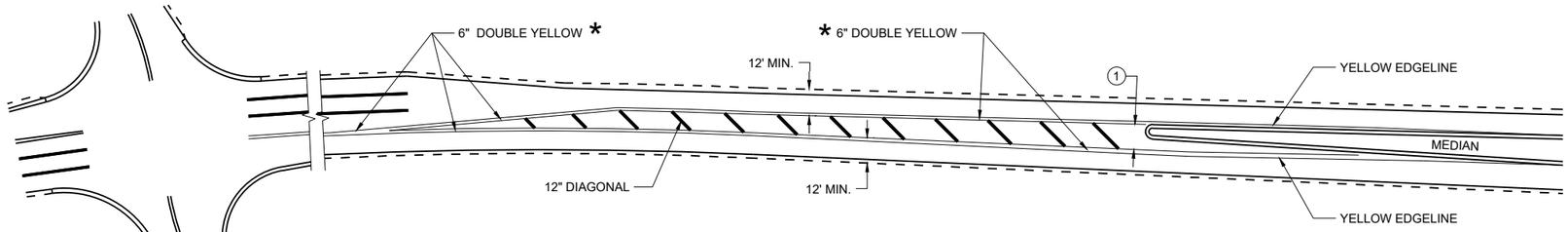

**MEDIAN ISLAND DETAIL**

## GENERAL NOTES

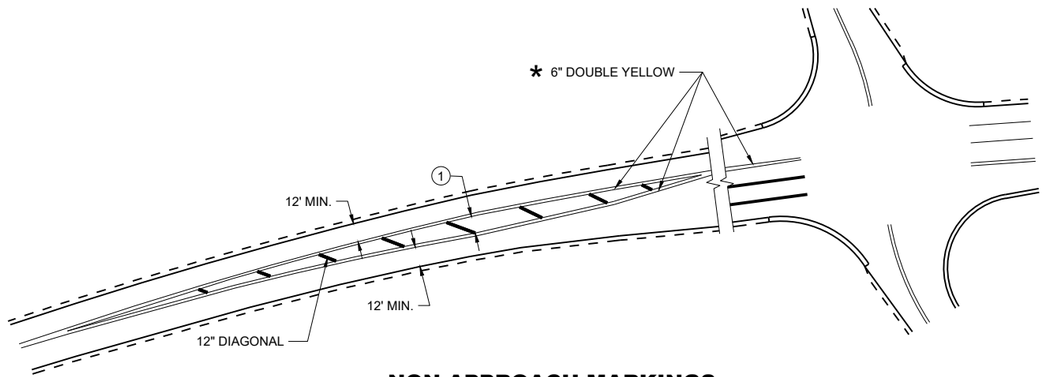
(1) DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

DIRECTION OF TRAVEL

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES




**APPROACH MARKINGS FOR OTHER MEDIAN TYPES**




**NON-APPROACH MARKINGS**

**MEDIAN ISLAND PAVEMENT MARKINGS**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

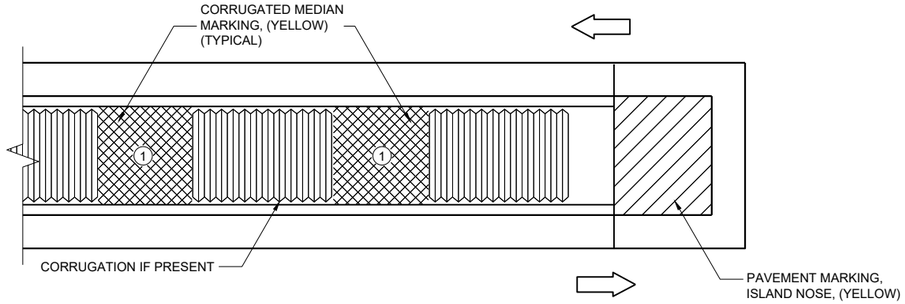
FHWA



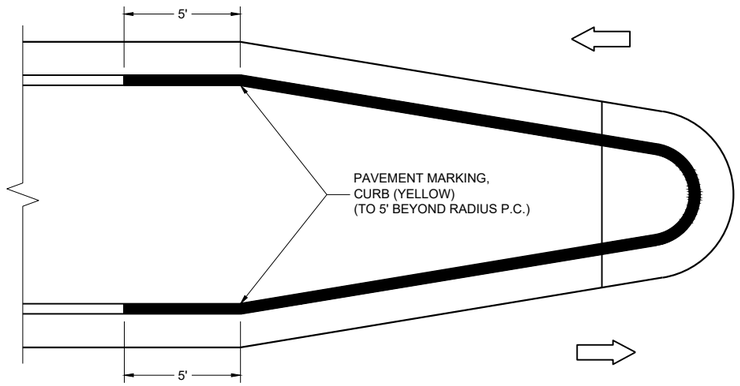
6

SDD 15C18-09a

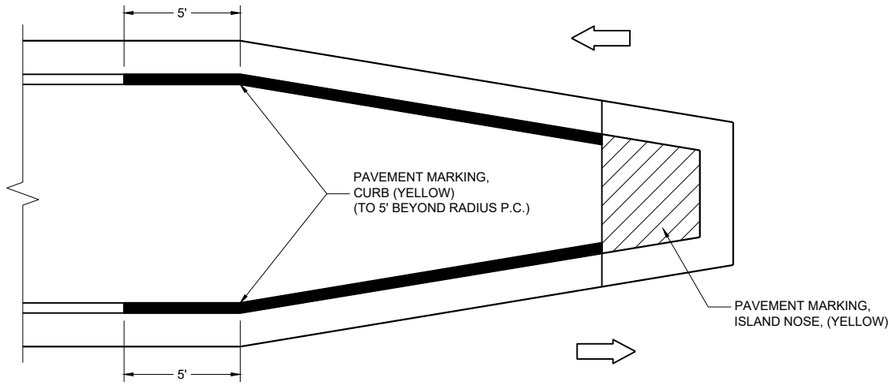
SDD 15C18-09a




**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.

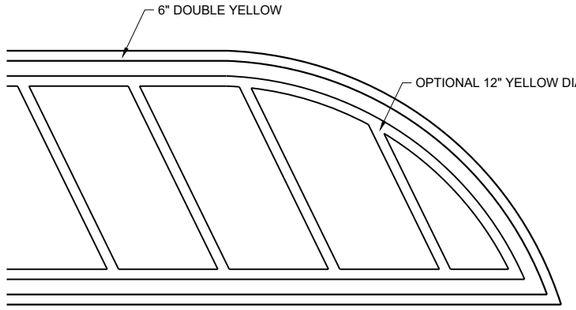
(1) APPLY PAVEMENT MARKING TO THE FLAT PORTION OF CORRUGATED MEDIAN.

ISLAND NOSE MARKING

CURB MARKING

CORRUGATED MEDIAN MARKING

DIRECTION OF TRAVEL




**FLUSH MEDIAN ISLAND NOSE**

**PAVEMENT MARKINGS,
MEDIAN ISLAND NOSE**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA


6
SDD 15C18-09b

## LEGEND

**V1** MARKING VEHICLE

**V2** SHADOW VEHICLE

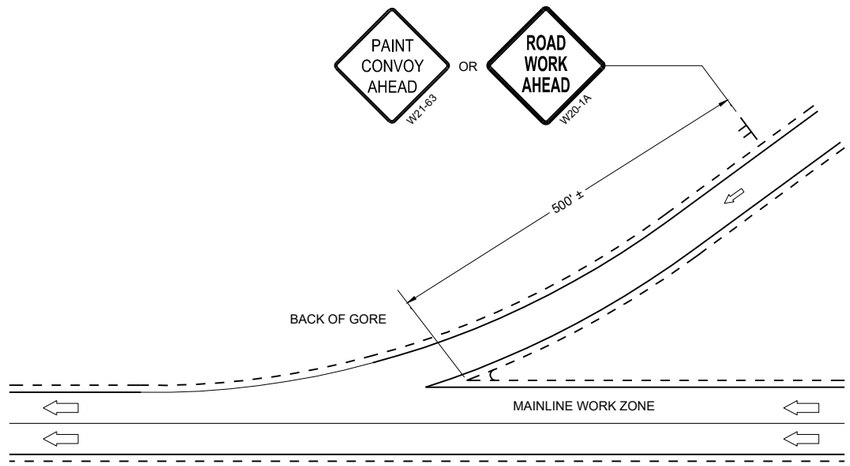
**V3** TRAIL VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

ARROW PANEL (CAUTION)




## 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.

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 AND 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.

IF THE SHOULDER IS TOO NARROW TO ACCOMMODATE THE LAST TRAILING VEHICLE, THE VEHICLE SHOULD STRADDLE THE EDGE LINE.

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

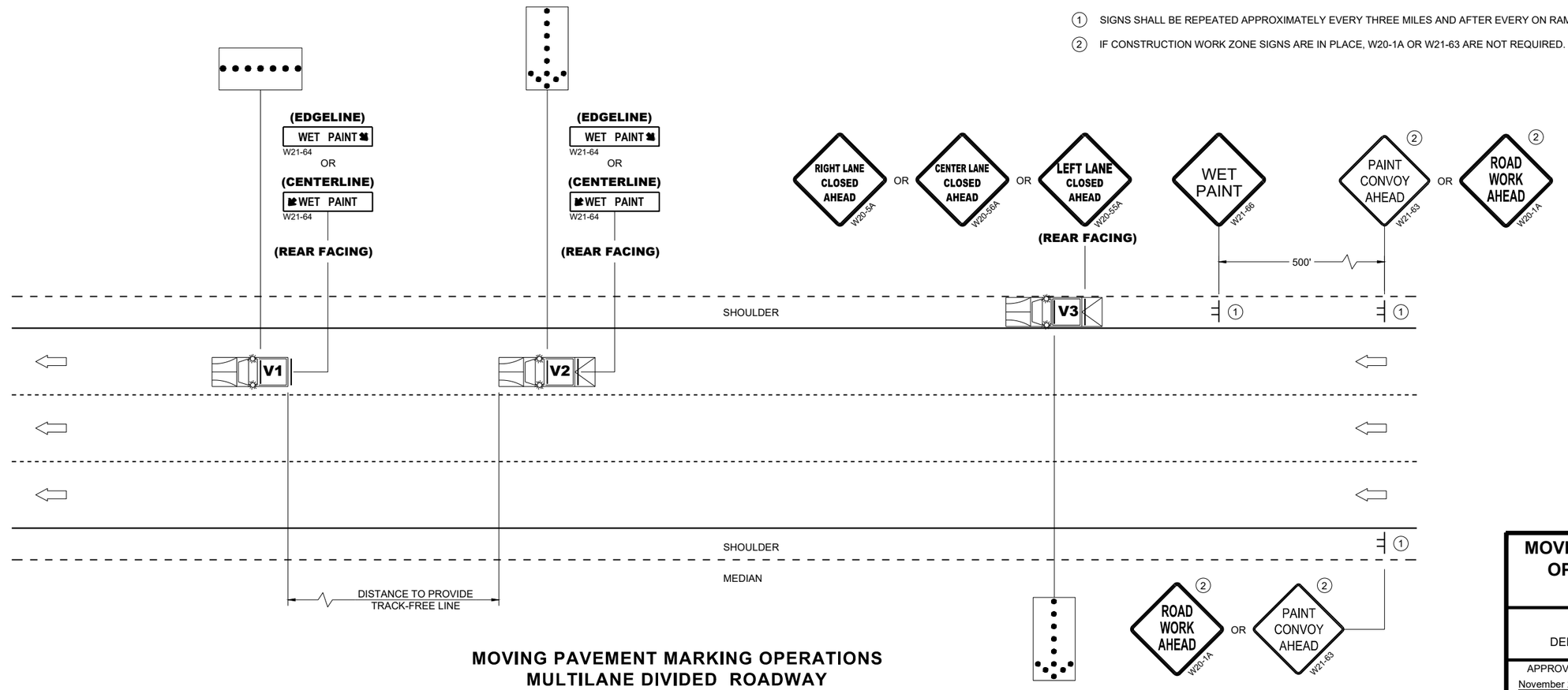
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM HEIGHT OF 28" FOR WET PAVEMENT MARKINGS

WORKERS SHALL NOT PERFORM WORK FROM ANY SHADOW OR PROTECTION VEHICLES.

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY ON RAMP.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.




**MOVING PAVEMENT MARKING OPERATIONS**
**MULTILANE DIVIDED ROADWAY**

**MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025
DATE

/S/ Andrew Heidtke
STATE ELECTRICAL ENGINEER

FHWA

6

SDD 15C19-11c

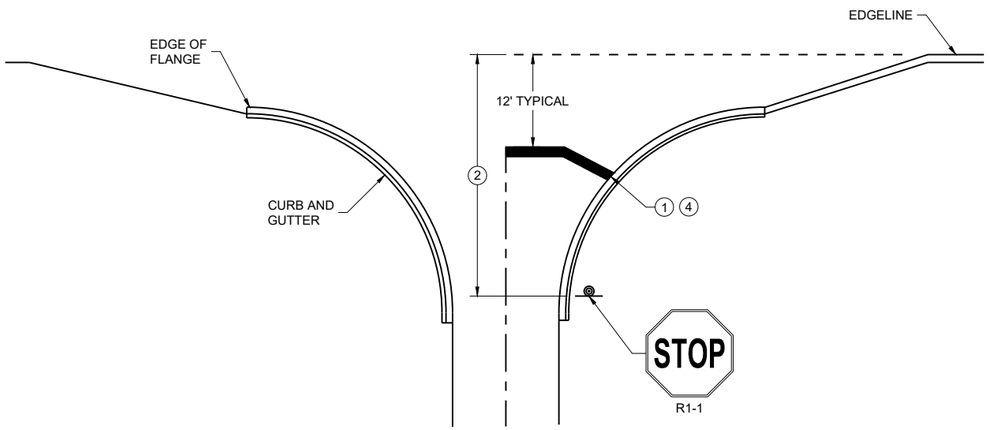
6

SDD 15C19-11c

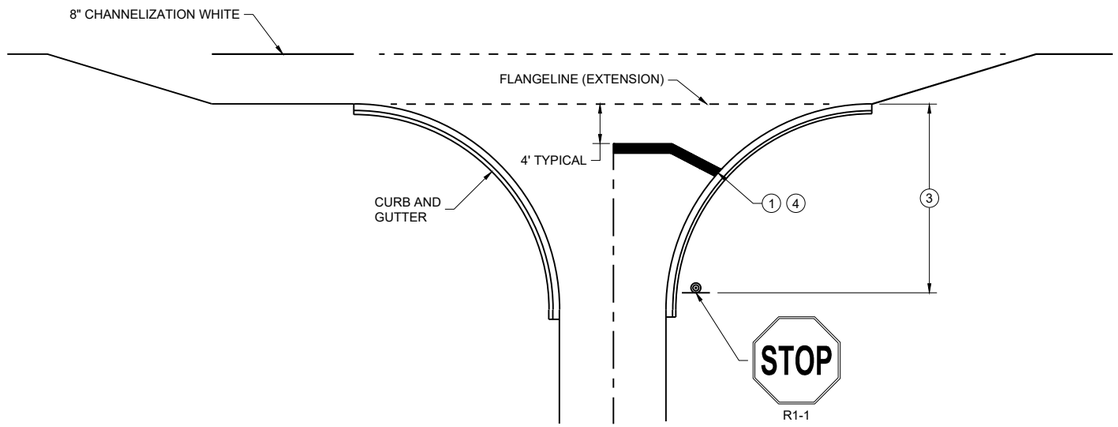
## GENERAL NOTES

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

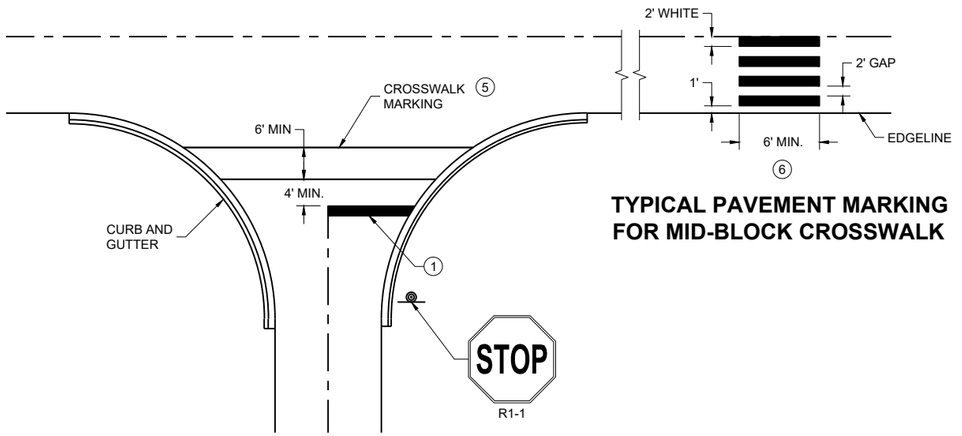
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES.
6. POSTED SPEED LIMITS OF 40 MPH OR GREATER USE A MINIMUM WIDTH OF 8' FOR MIDBLOCK CROSSWALKS




**TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER**

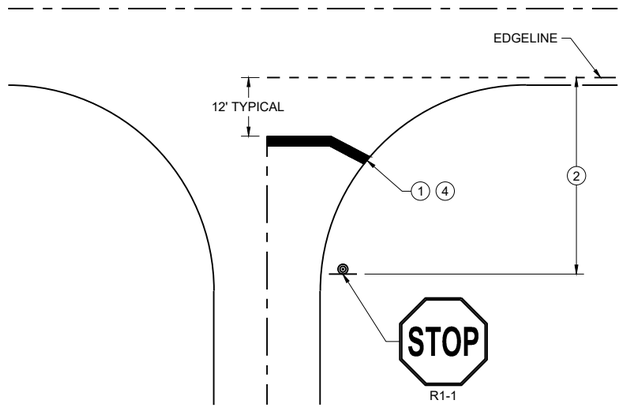



**TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE**




**TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK** (5)

**TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH CROSSWALK MARKING**




**TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER**

**STOP LINE AND CROSSWALK PAVEMENT MARKING**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

March 2024 — DATE

/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

## LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

## GENERAL NOTES

FOR WORK ON ROADWAYS WITH SPEEDS GREATER THAN 45MPH, USE SDD 15D12.

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

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

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

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

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

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

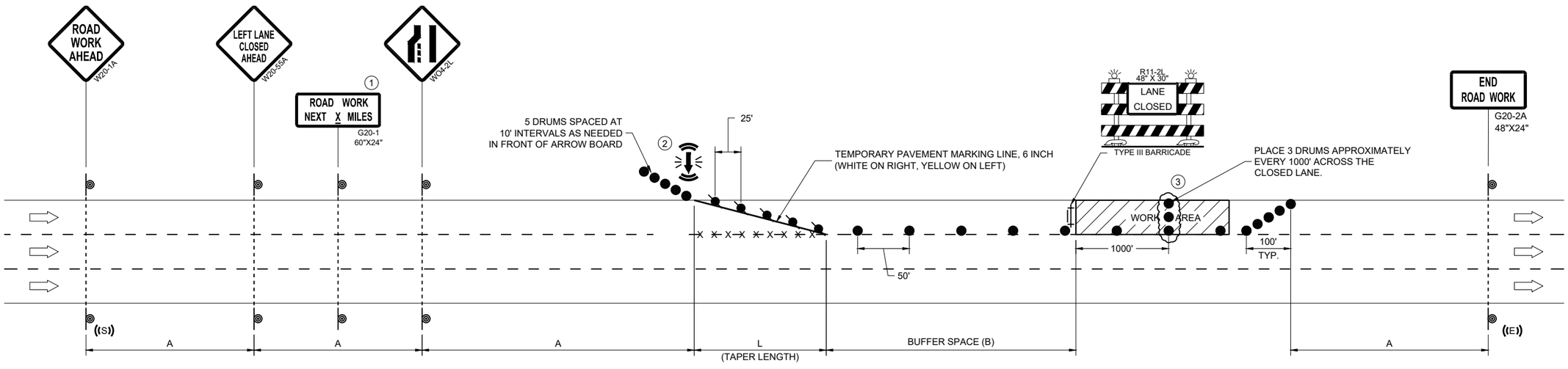
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

(2) WHERE THE SHOULDER OR TERRACE HAS INSUFFICIENT SPACE TO PLACE THE ARROW BOARD AS SHOWN, PLACE THE ARROW BOARD AT THE END OF THE TAPER.

(3) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.




| POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH) | ADVANCE WARNING SIGN SPACING (A) FEET | TAPER LENGTH (12 FT. LANE) (L) FEET | BUFFER SPACE (B) FEET |
|---|---|---|---|
| 25 | 200' | 125' | 155' |
| 30 | 200' | 180' | 200' |
| 35 | 350' | 245' | 250' |
| 40 | 350' | 320' | 305' |
| 45 | 500' | 540' | 360' |

**TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



6
SDD 15D20-12a

## LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

## GENERAL NOTES

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

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

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

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

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

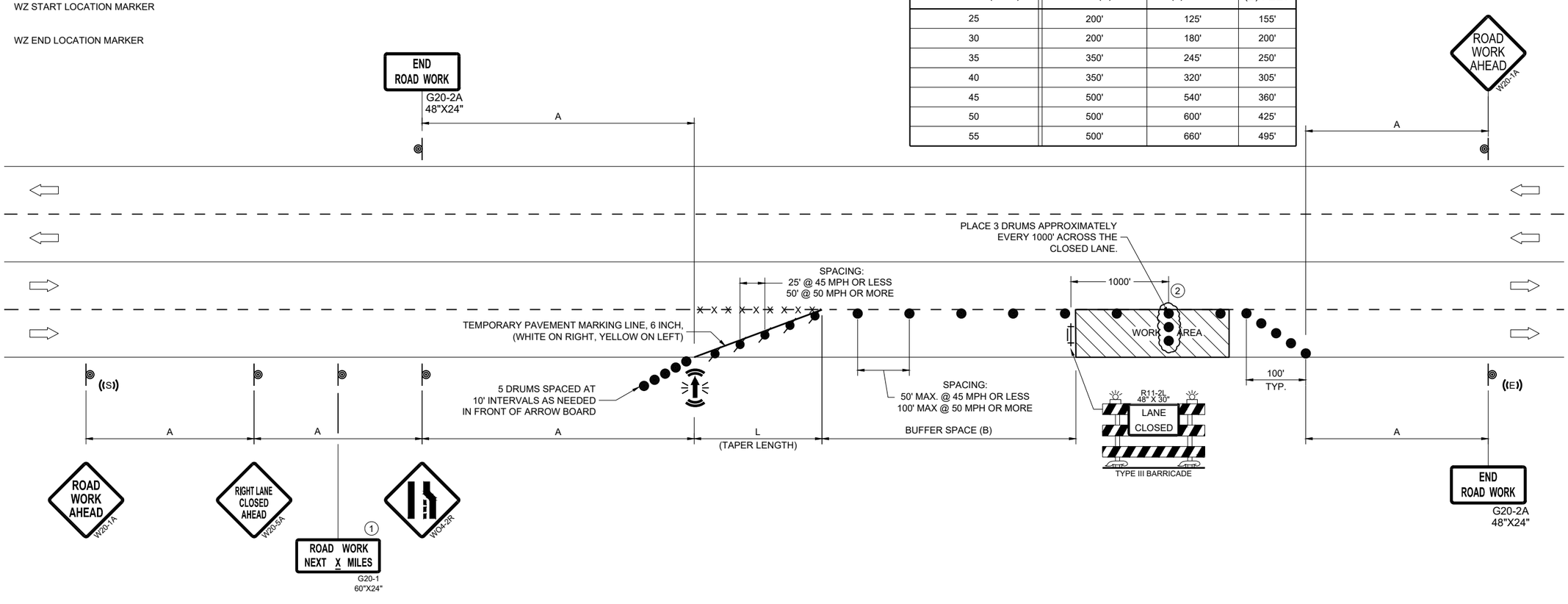
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

(2) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

| POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH) | ADVANCE WARNING SIGN SPACING (A) FEET | TAPER LENGTH (12 FT. LANE) (L) FEET | BUFFER SPACE (B) FEET |
|---|---|---|---|
| 25 | 200' | 125' | 155' |
| 30 | 200' | 180' | 200' |
| 35 | 350' | 245' | 250' |
| 40 | 350' | 320' | 305' |
| 45 | 500' | 540' | 360' |
| 50 | 500' | 600' | 425' |
| 55 | 500' | 660' | 495' |




**TRAFFIC CONTROL, SINGLE RIGHT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 15D20-12b

## LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

## GENERAL NOTES

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

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

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

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

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

DUE TO LACK OF SHOULDER/MEDIAN, ARROW BOARD IS PLACED AT THE THE END OF THE TAPER.

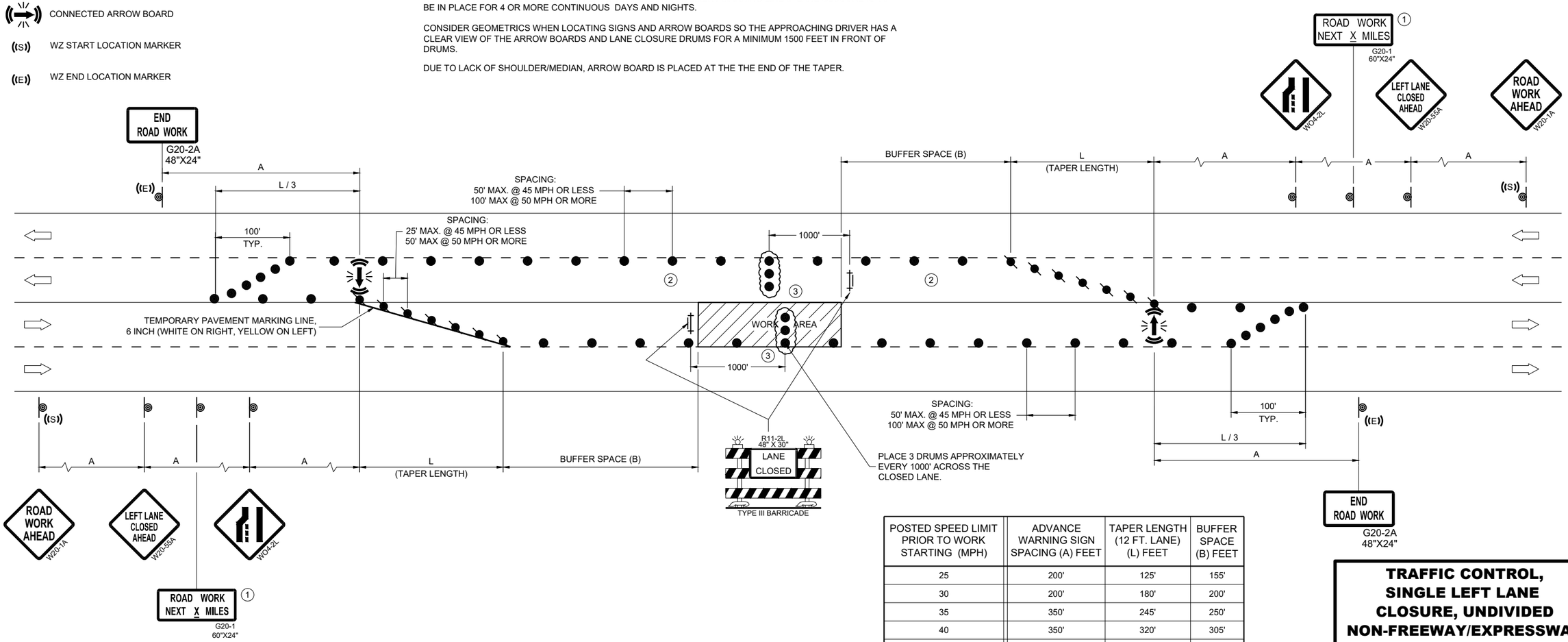
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

(2) LANE MAY BE OPENED WHEN WORKERS ARE NOT PRESENT IN THE WORK AREA.

DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.




| POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH) | ADVANCE WARNING SIGN SPACING (A) FEET | TAPER LENGTH (12 FT. LANE) (L) FEET | BUFFER SPACE (B) FEET |
|---|---|---|---|
| 25 | 200' | 125' | 155' |
| 30 | 200' | 180' | 200' |
| 35 | 350' | 245' | 250' |
| 40 | 350' | 320' | 305' |
| 45 | 500' | 540' | 360' |
| 50 | 500' | 600' | 425' |
| 55 | 500' | 660' | 495' |

# TRAFFIC CONTROL, SINGLE LEFT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2026
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

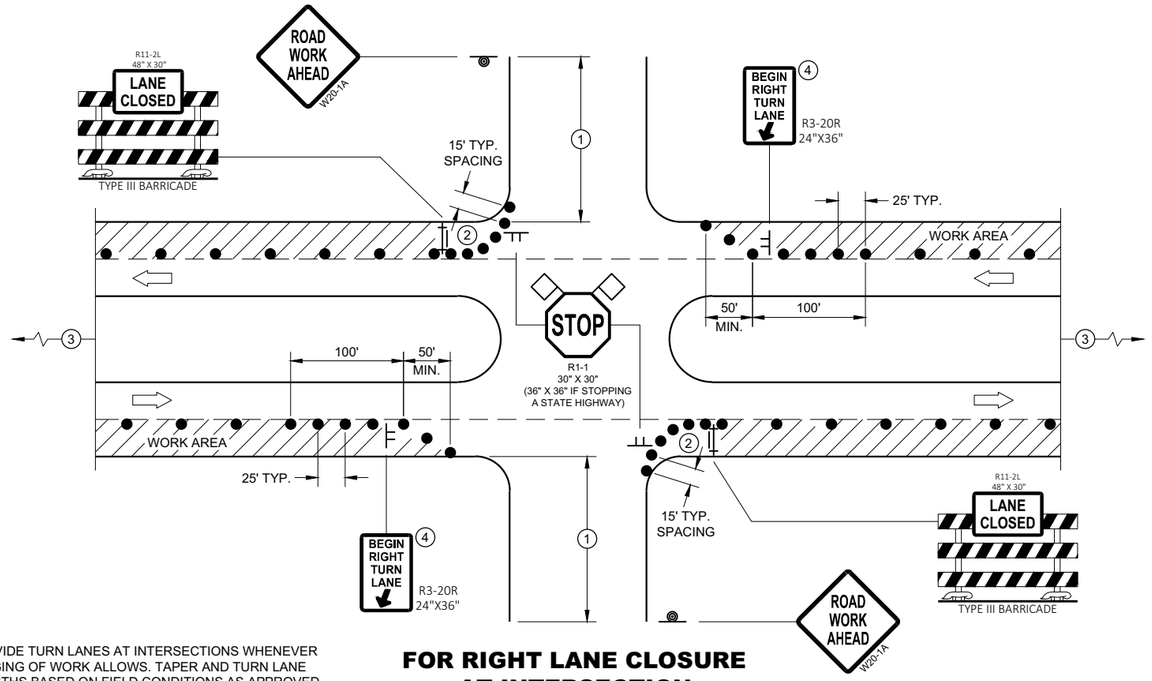


6

SDD 15D20-12c

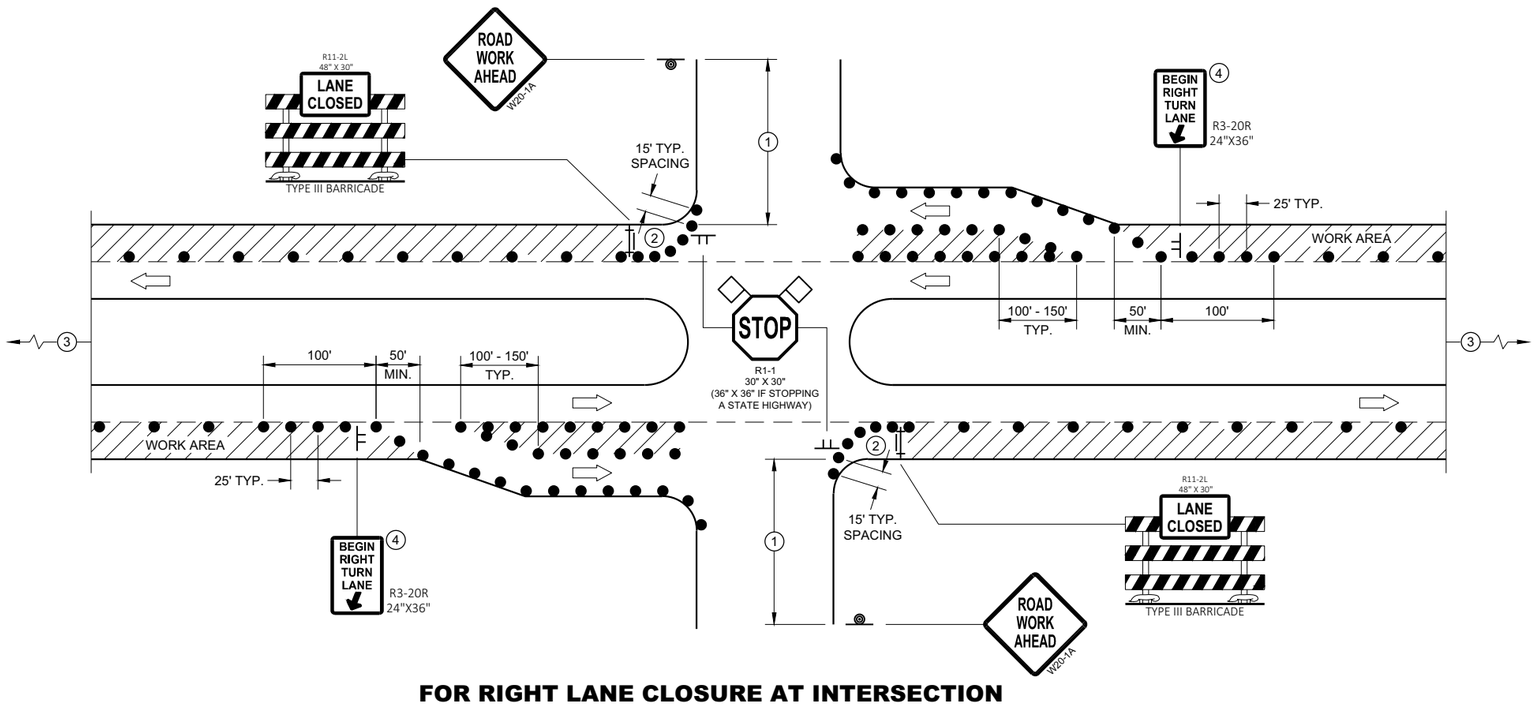
6

SDD 15D20-12c




**FOR RIGHT LANE CLOSURE AT INTERSECTION**

PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.




**FOR RIGHT LANE CLOSURE AT INTERSECTION (WITH RIGHT TURN BAY OPEN)**

## GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

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

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

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.

## LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

**TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT LANE CLOSURE**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

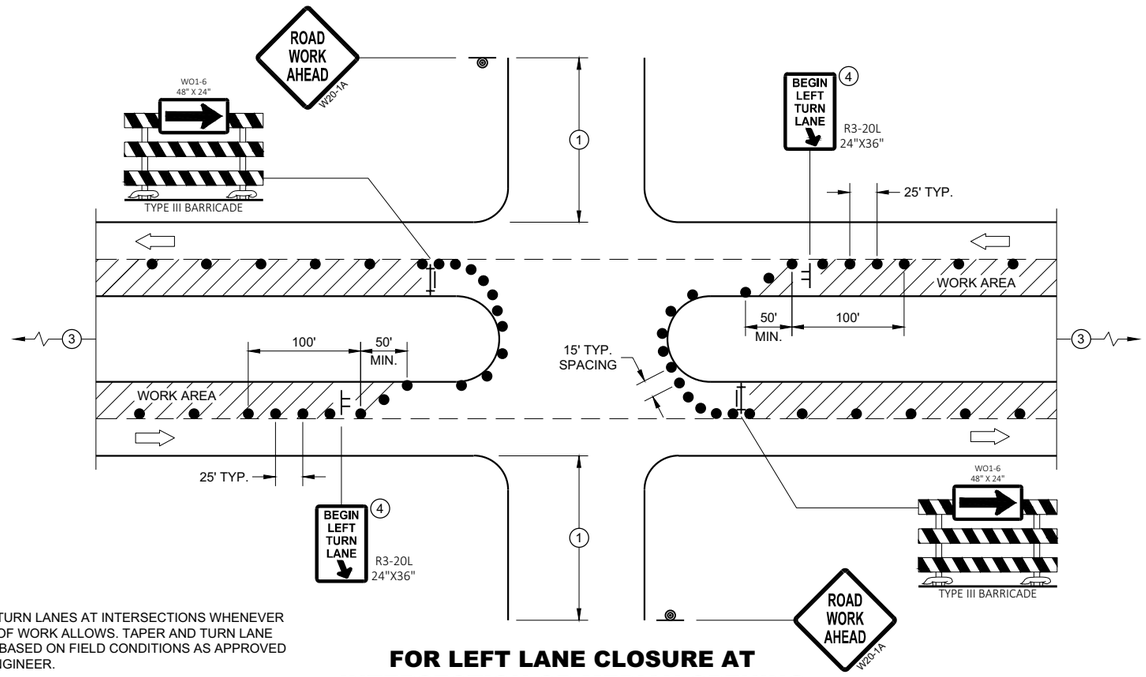


6

SDD 15D21 - 07a

6

SDD 15D21 - 07a




PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

## FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING

## GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

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

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

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

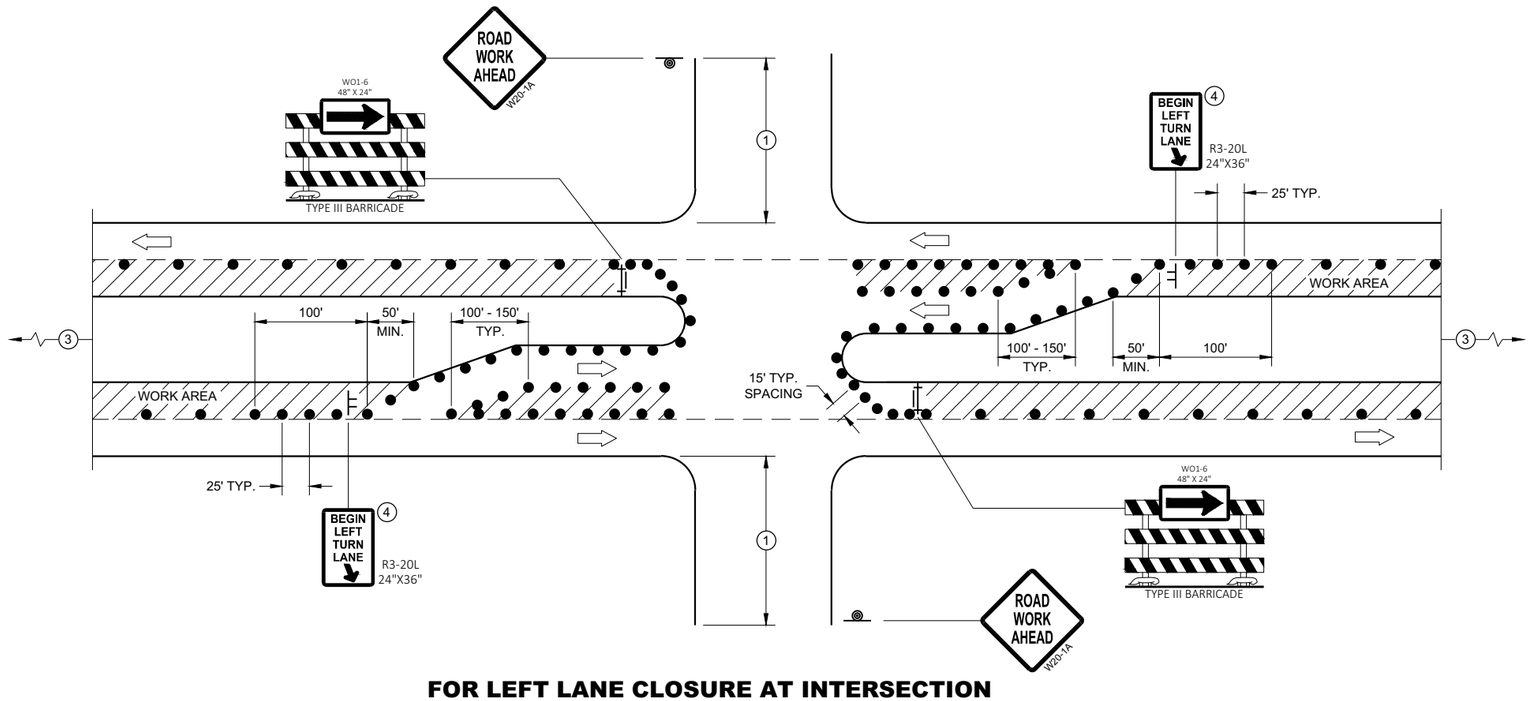
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.




## FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING (WITH LEFT TURN BAY OPEN)

## LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

## TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LEFT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

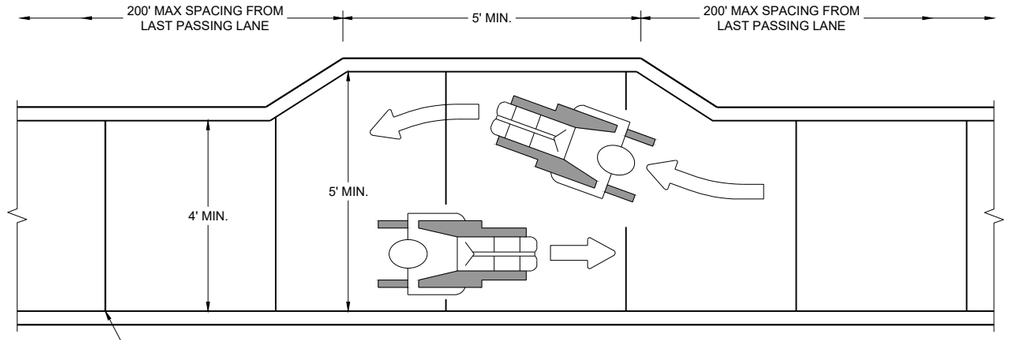


6

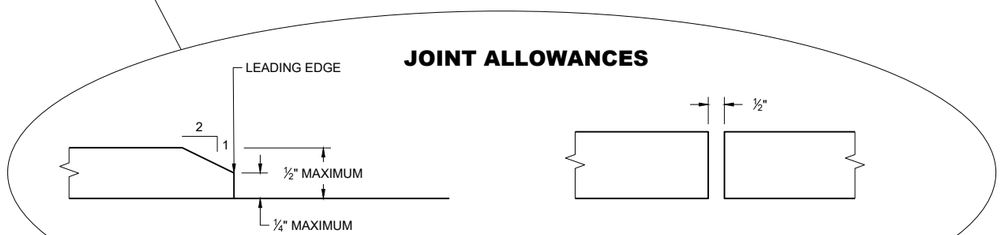
SDD 15D21 - 07b

6

SDD 15D21 - 07b




**NARROW SIDEWALK PASSING DETAIL**



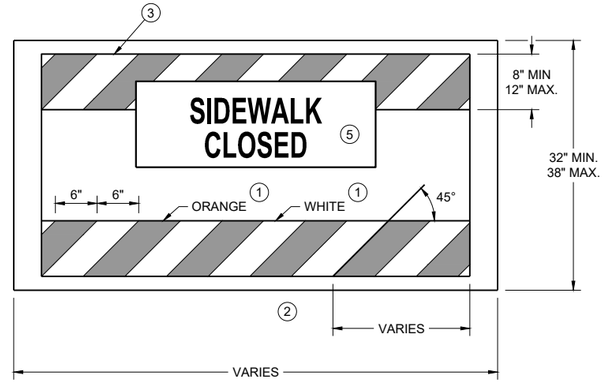

**MAXIMUM VERTICAL GAP**

**MAXIMUM HORIZONTAL GAP**

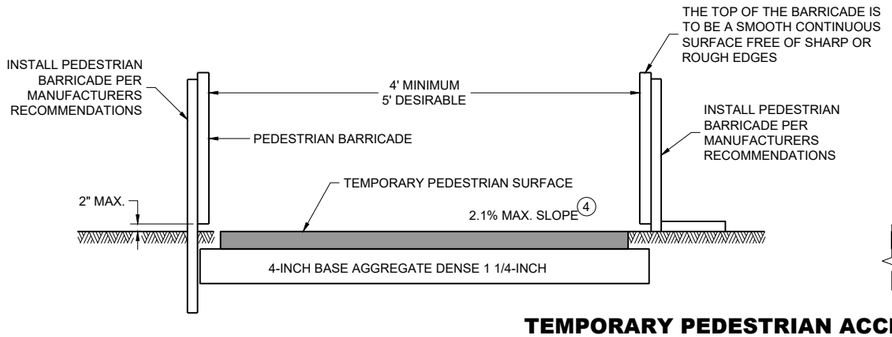
## GENERAL NOTES

BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

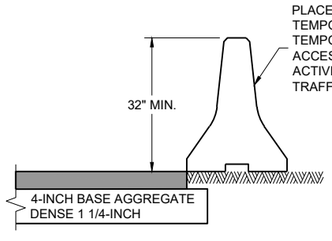
1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
3. PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.
* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.
4. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.
5. WHERE SIGNS FOR TEMPORARY PEDESTRIAN ACCOMMODATIONS ARE SHOWN BEING PLACED BEHIND TEMPORARY PEDESTRIAN BARRICADE, THE SIGNS MAY BE MOUNTED ON THE TEMPORARY PEDESTRIAN BARRICADE INSTEAD. A CORRUGATED POLYPROPYLENE OR POLYETHYLENE PLASTIC SIGN BASE SHALL BE USED IF MOUNTED ON THE BARRICADE. THE TOP OF THE SIGN SHALL BE MOUNTED BELOW THE TOP OF THE BARRICADE TO ALLOW A CONTINUOUS HAND-TRAILING EDGE.

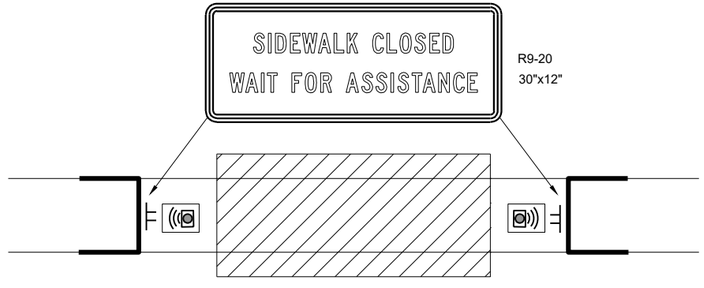



**TEMPORARY PEDESTRIAN BARRICADE ***




**TEMPORARY PEDESTRIAN ACCESS**



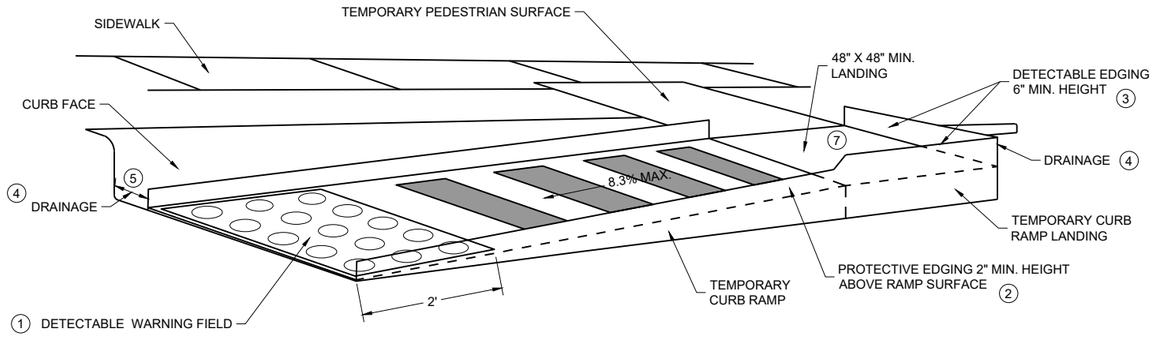

**TEMPORARY PEDESTRIAN FLAGGING**

**LEGEND**

- TEMPORARY PEDESTRIAN BARRICADE
- AUDIBLE MESSAGE DEVICE
- TEMPORARY SIGN SUPPORT
- WORK AREA

**TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION




**PERSPECTIVE VIEW**

## GENERAL NOTES

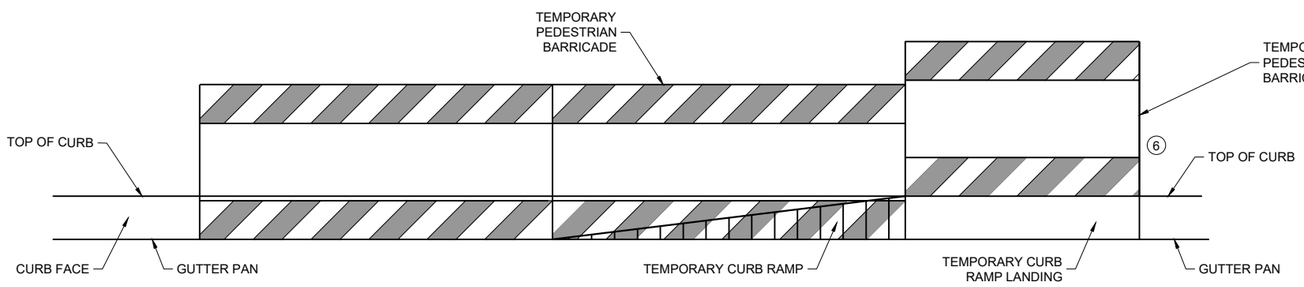
CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

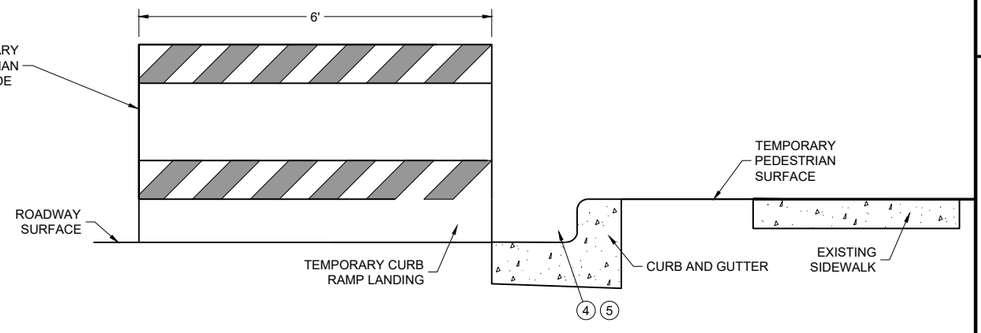
CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

1. INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS.
2. PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
3. DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
4. DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
5. ENSURE CURB RAMP IS OUT OF THE GUTTER PAN.
6. IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL HERE.
7. LANDING TO BE SLOPED A MAXIMUM OF 2.1% IN ALL DIRECTIONS OF PEDESTRIAN TRAVEL.




**FRONT VIEW**




**SIDE VIEW**

**TEMPORARY CURB RAMP PARALLEL TO CURB**

6

SDD 15D30-12b

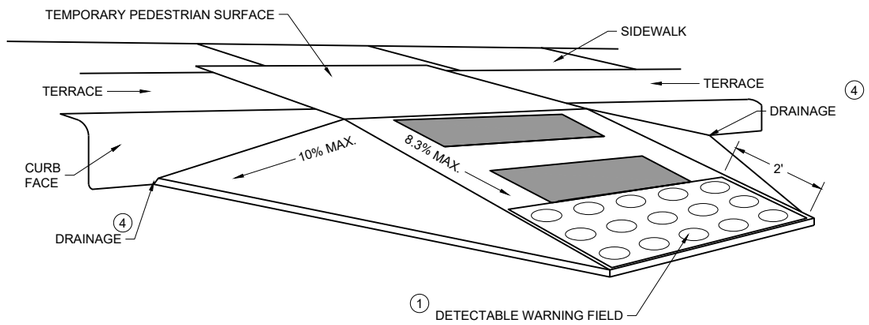
**TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

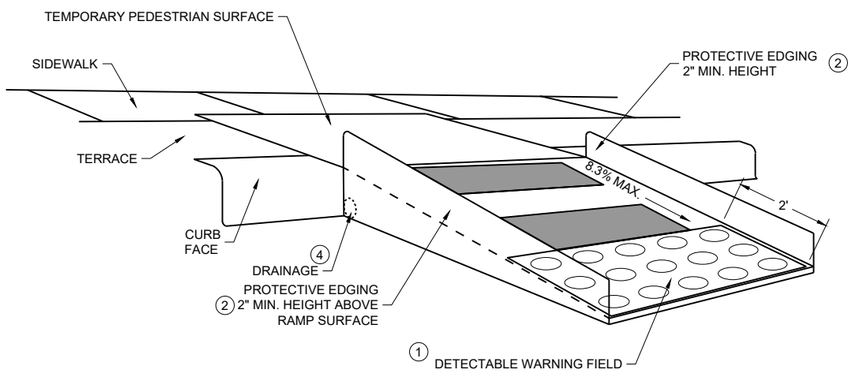


6

SDD 15D30-12b




**WITH SIDE APRON** (5)




**WITH PROTECTIVE EDGE**

## TEMPORARY CURB RAMP PERPENDICULAR TO CURB

## GENERAL NOTES

CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

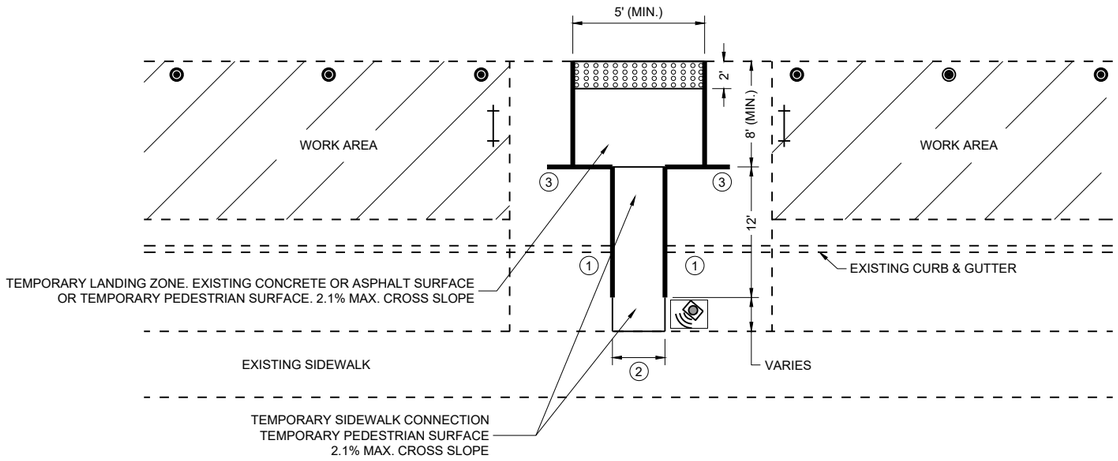
(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS

(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

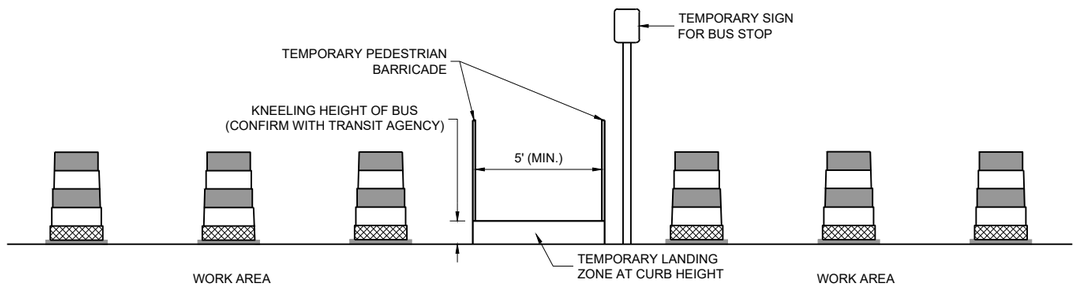
(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.




**PLAN VIEW**




**PROFILE VIEW TEMPORARY BUS STOP PAD**

## GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

(1) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(2) 5' WIDE MIN. WITH TEMPORARY PEDESTRIAN BARRICADE, 10' WIDE MIN. WITHOUT TEMPORARY PEDESTRIAN BARRICADE.

(3) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE INTO THIS SPACE.

## LEGEND

- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD
- WORK AREA
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

6

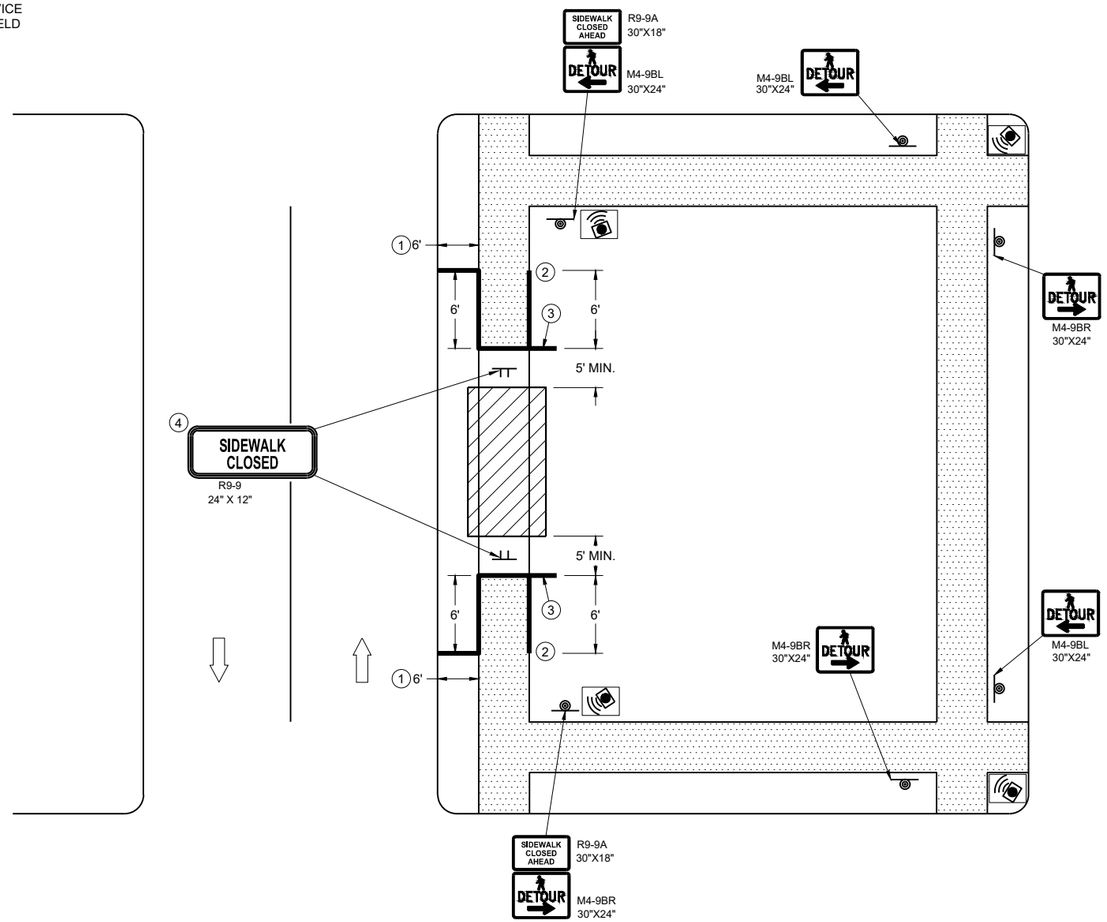
SDD 15D30-12e

**TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

## LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)




**SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE**

## GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

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

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICTS WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.



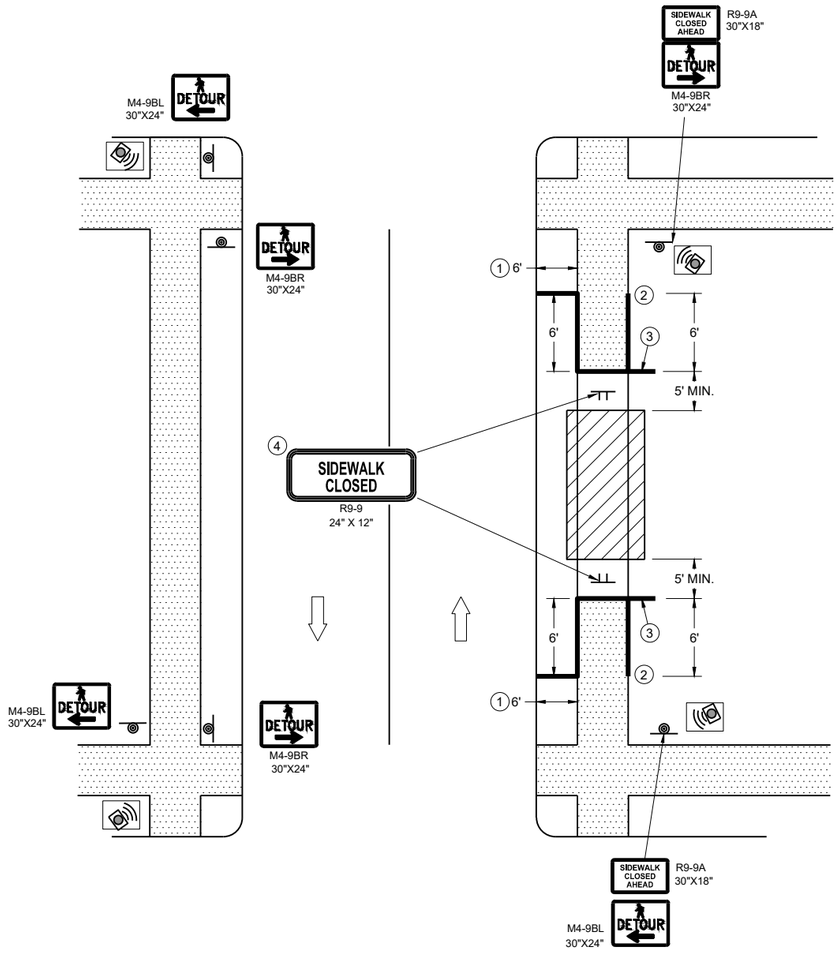


**TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

## LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)




**SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES**

## GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

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

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICT WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

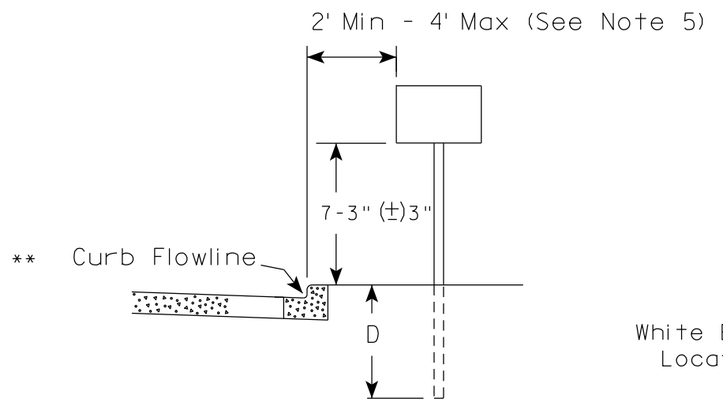




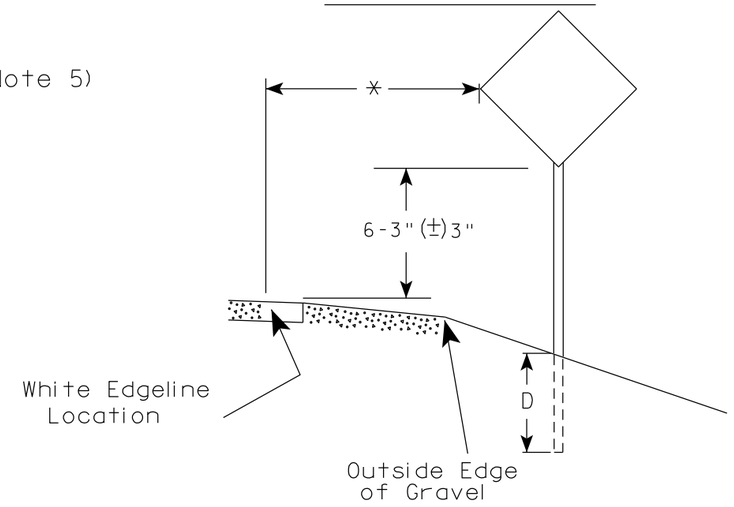
**TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION**

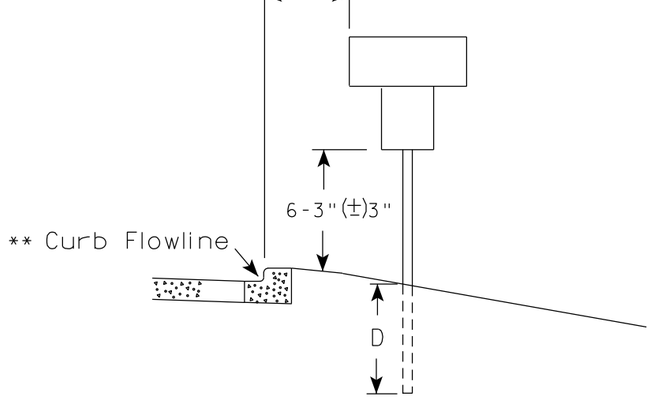
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

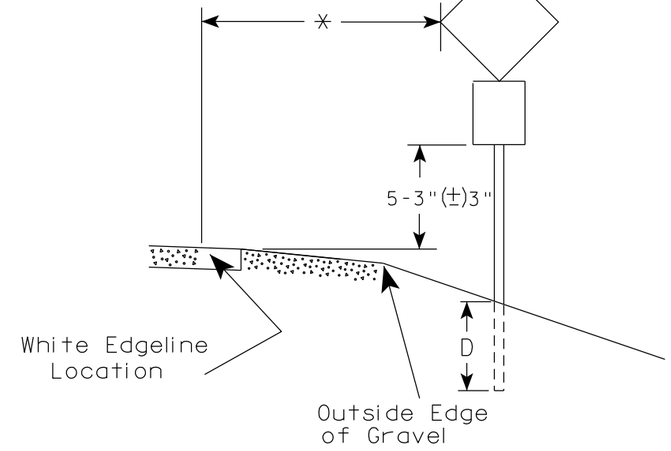
## URBAN AREA




## RURAL AREA (See Note 2)




** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

### POST EMBEDMENT DEPTH

| Area of Sign Installation ( Sq. Ft. ) | D ( Min ) |
|---|---|
| 20 or Less | 4' |
| Greater than 20 | 5' |

### GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±) 3".
3. For expressways and freeways, mounting height is 7'- 3" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directd by the Engineer.

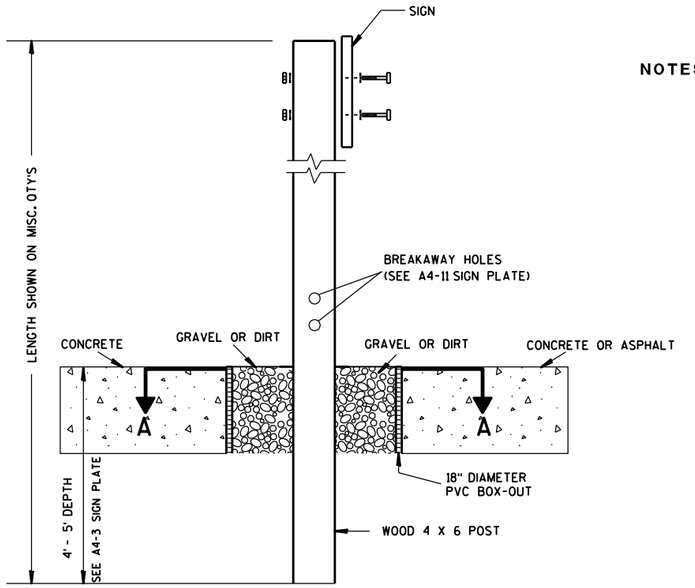
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

*WISCONSIN DEPT OF TRANSPORTATION*

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

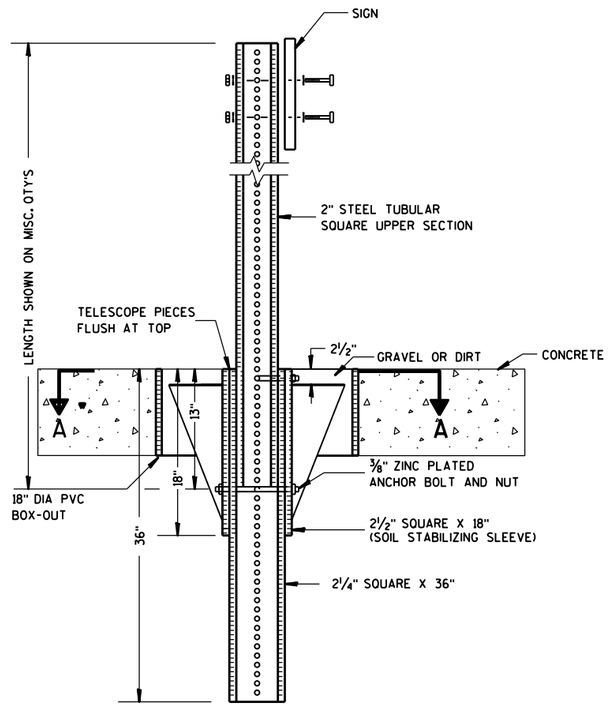
| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 157 | E |
|---|---|---|---|---|---|




**ELEVATION VIEW**

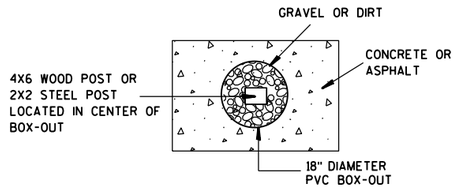
**DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT**

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.




**ELEVATION VIEW**

**DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT**




**PLAN VIEW**

**FOR NEW CONCRETE/ASPHALT INSTALLATIONS**

# SIGN POST BOX-OUTS A4-3B

*WISCONSIN DEPT OF TRANSPORTATION*

APPROVED Matthew R Rauch
for State Traffic Engineer

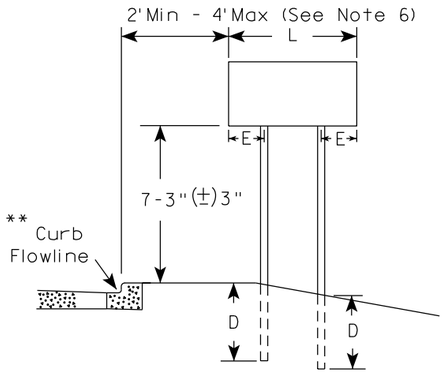
DATE 1/27/14 PLATE NO. A4-3B.1

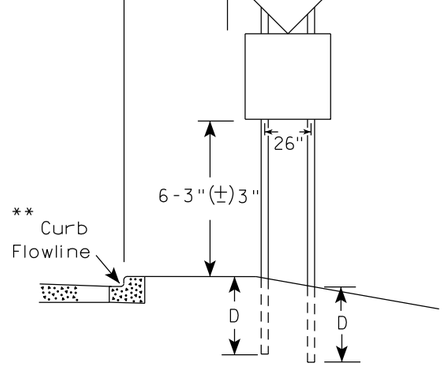
| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: | E |
|---|---|---|---|---|---|



FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

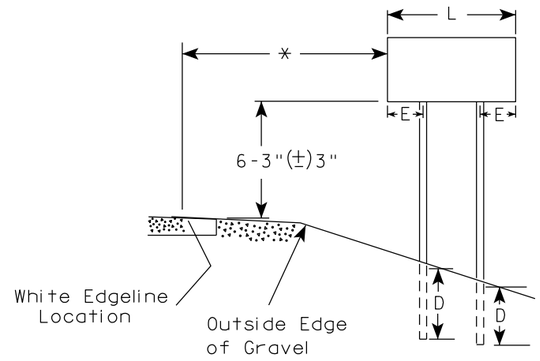
## URBAN AREA

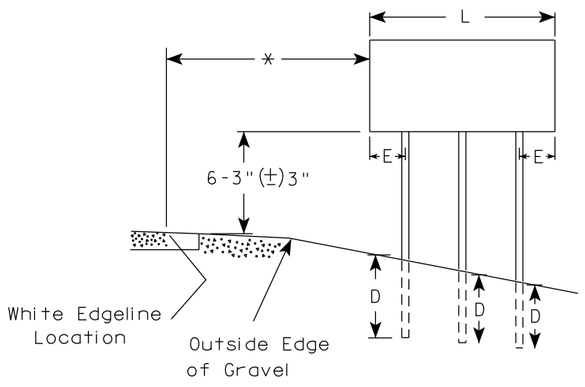


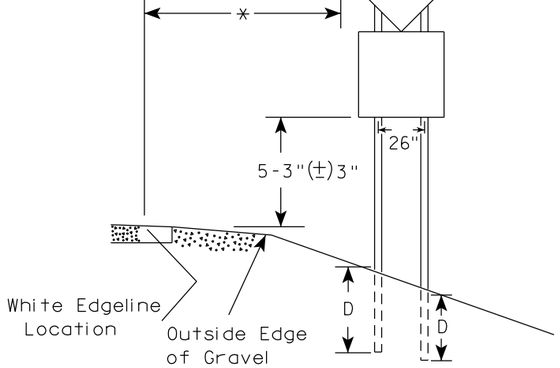




48" DIAMOND WARNING SIGN

## RURAL AREA (See Note 3)




48" DIAMOND WARNING SIGN

| SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED) | | |
|---|---|---|
| | L | E |
| *** | Greater than 48" Less than 60" | 12" |
| | 60" to 108" | L/5 |

| SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED) | |
|---|---|
| L | E |
| Greater than 108" to 144" | 12" |

### GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) 3" or 6'-3" (±) 3" depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±) 3".

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

### POST EMBEDMENT DEPTH

| Area of Sign Installation ( Sq. Ft. ) | D ( Min ) |
|---|---|
| 20 or Less | 4' |
| Greater than 20 | 5' |

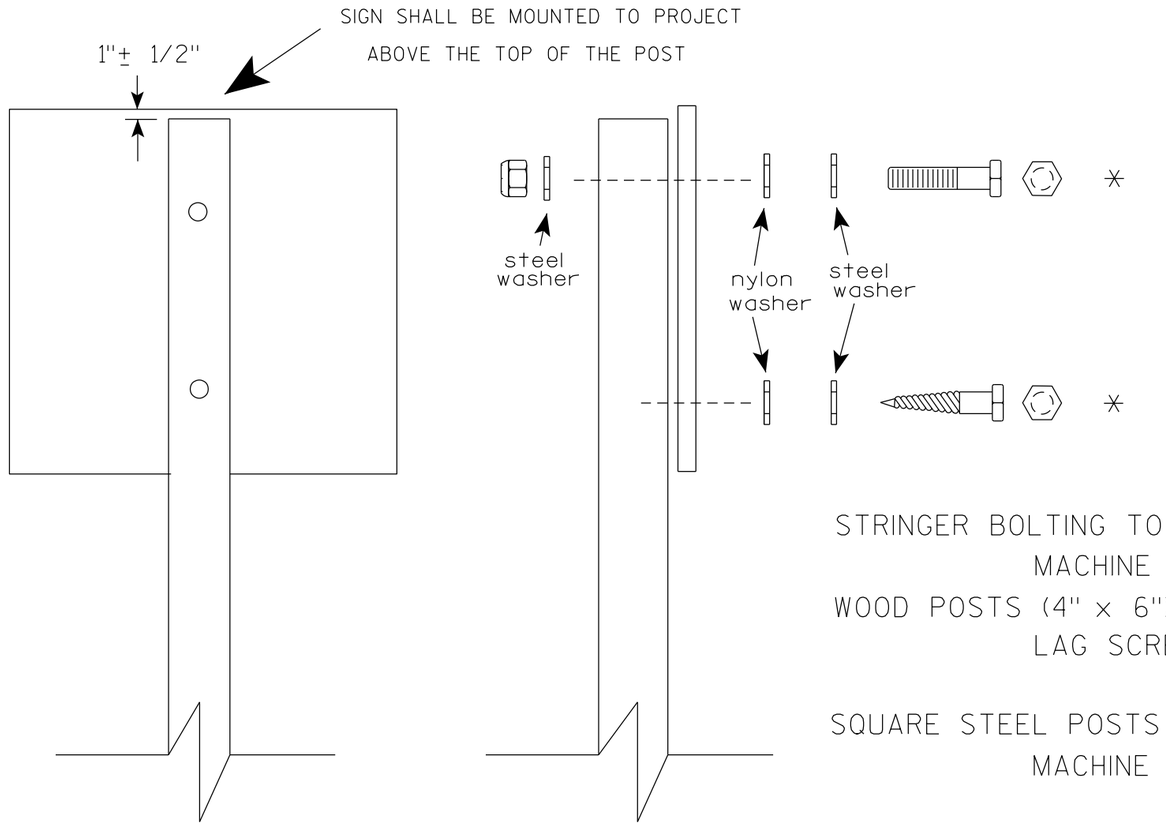
# TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

*WISCONSIN DEPT OF TRANSPORTATION*

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-4.16

| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 159 | E |
|---|---|---|---|---|---|




Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

# ATTACHMENT OF SIGNS TO POSTS

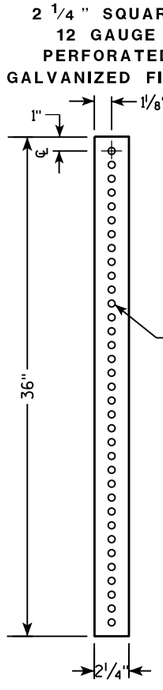
*WISCONSIN DEPT OF TRANSPORTATION*

APPROVED Matthew R Rauch
for State Traffic Engineer

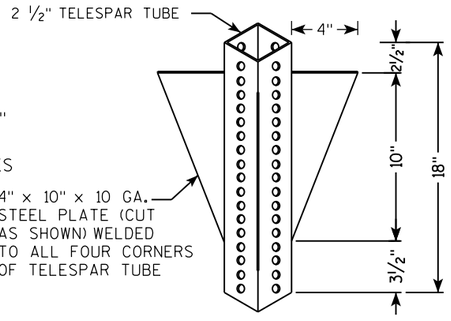
DATE 4/1/2020 PLATE NO. A4-8.9

## TELESCOPIC TUBING ANCHORS
## TWO PIECE SYSTEM

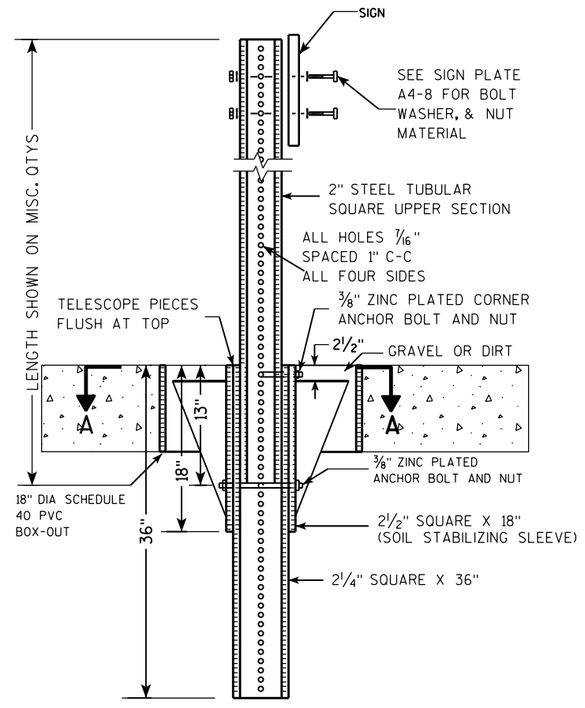
**2 1/4 " SQUARE**
**12 GAUGE**
**PERFORATED**
**GALVANIZED FINISH**



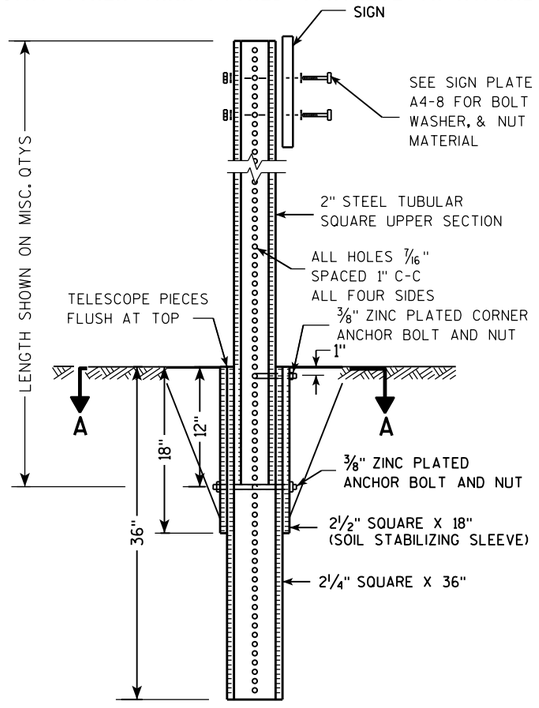

**2 1/2 " SQUARE**
**12 GAUGE**
**OMNI-DIRECTIONAL**
**PERFORATED**
**SOIL STABILIZING SLEEVE**
**GALVANIZED FINISH**

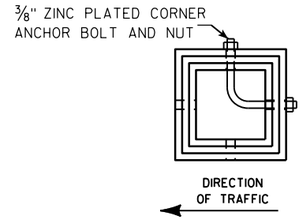



## DETAIL OF TUBULAR STEEL SIGN POST
**(IN POURED CONCRETE OR ASPHALT)**




## DETAIL OF TUBULAR STEEL SIGN POST
**(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)**




**SECTION A-A**

| Area of Sign Installation (Sq. Ft.) | Number of Required Posts |
|---|---|
| 9 or less | 1 |
| Greater than 9 less than or equal to 18 | 2 |
| Greater than 18 less than or equal to 27 | 3 |

**Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).**

TUBULAR STEEL
SIGN POST
A4-9

*WISCONSIN DEPT OF TRANSPORTATION*

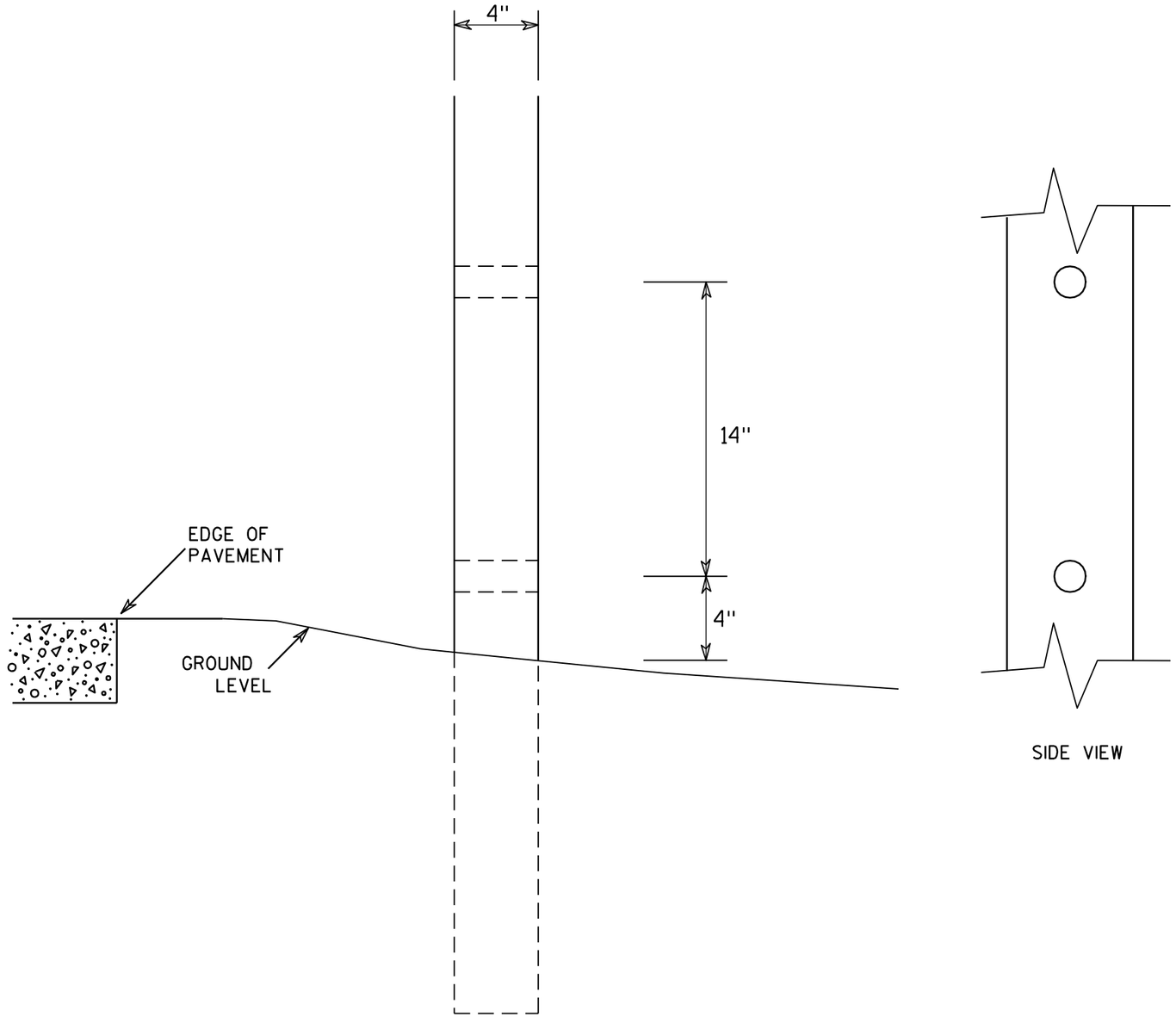
APPROVED Matthew R Rauch
*for* State Traffic Engineer

DATE 2/05/15 PLATE A4-9.9



| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: | E |
|---|---|---|---|---|---|

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42






SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

# 4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

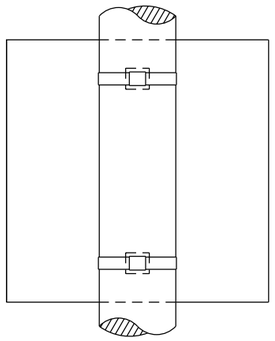
APPROVED Chester J Spang for State Traffic Engineer

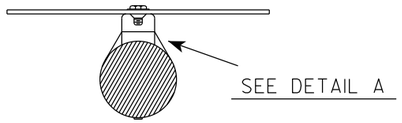
DATE 3/27/97 PLATE NO. A4-11.2

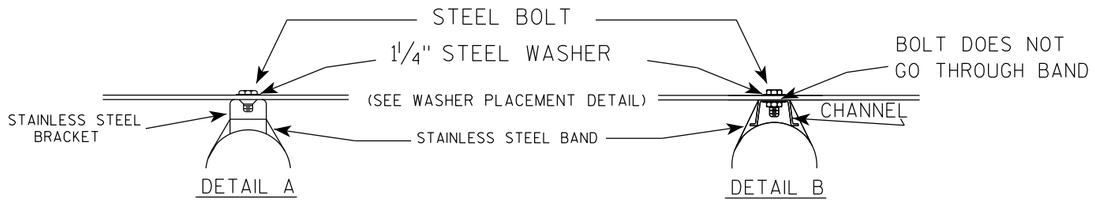
| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 162 | E |
|---|---|---|---|---|---|

# BANDING

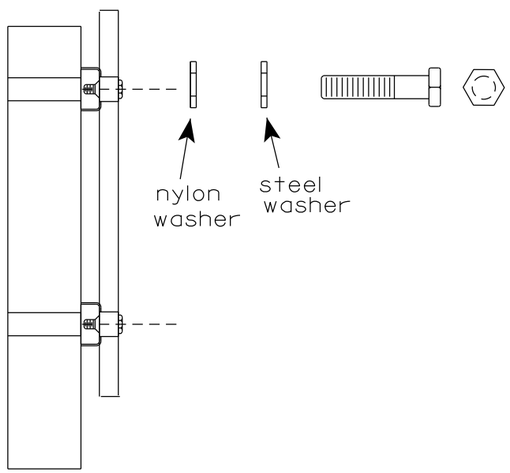
SINGLE SIGN






WASHER PLACEMENT

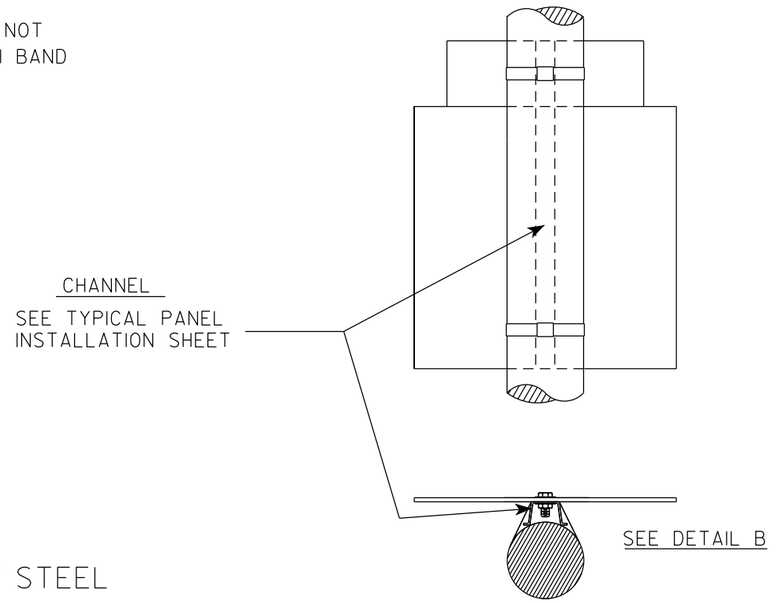



WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY




STANDARD SIGN
SIGN BANDING DETAILS

*WISCONSIN DEPT OF TRANSPORTATION*

APPROVED Matthew R Rauch
for State Traffic Engineer

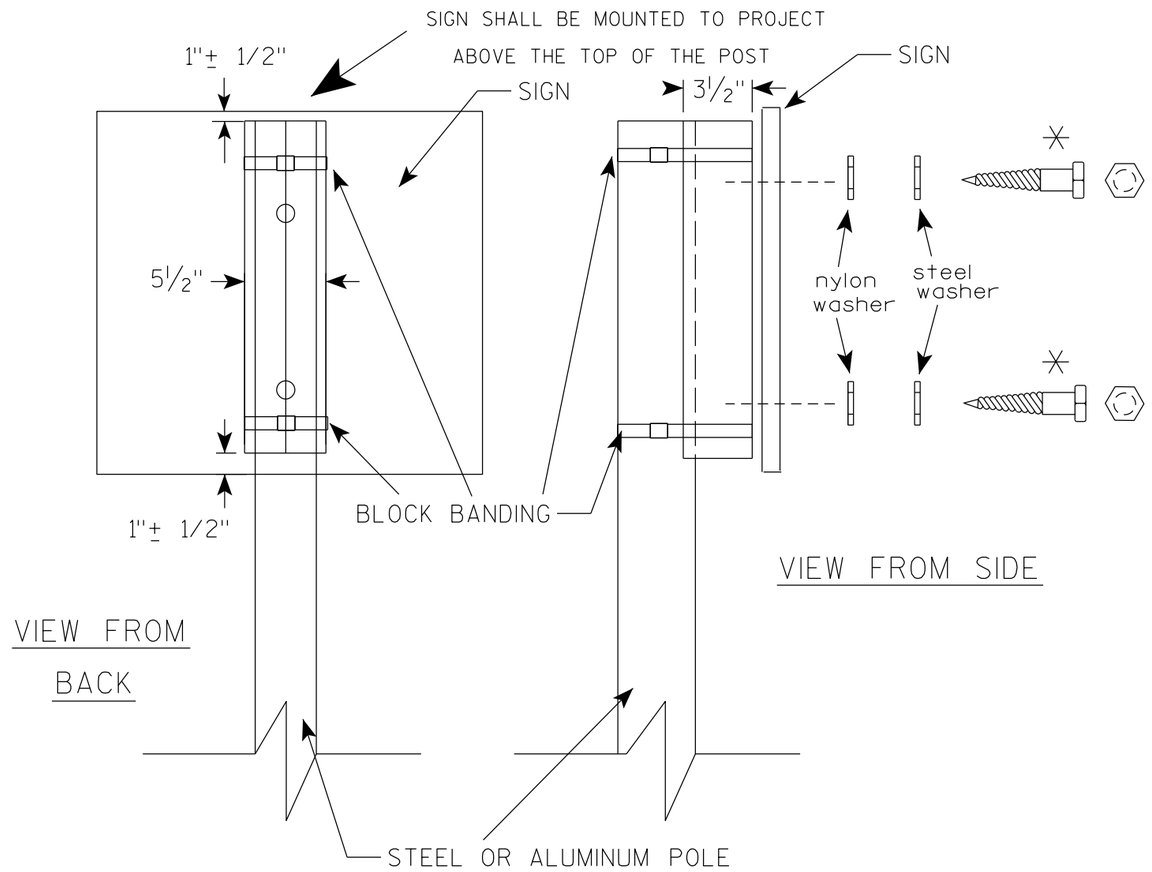
DATE 6/10/19 PLATE NO. A5-9.4

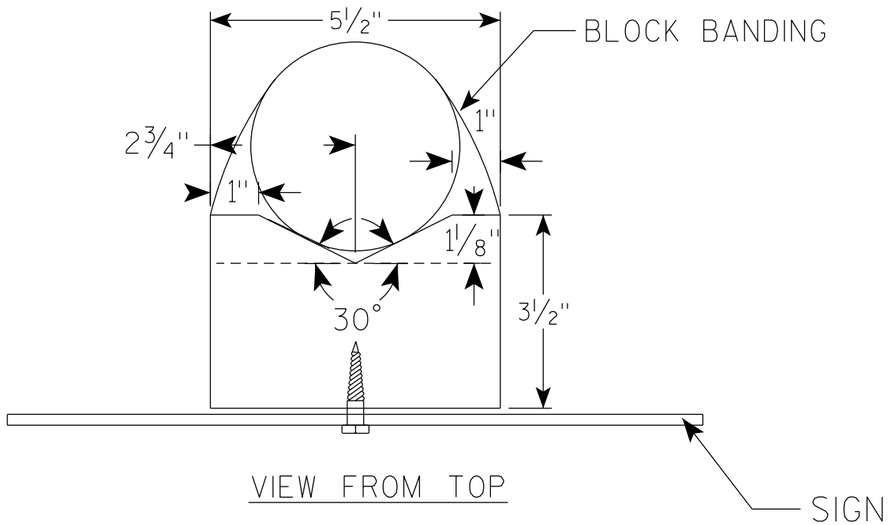
| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 163 | E |
|---|---|---|---|---|---|

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7




## GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

# BLOCK BANDING DETAIL ( V-BLOCK OPTION )

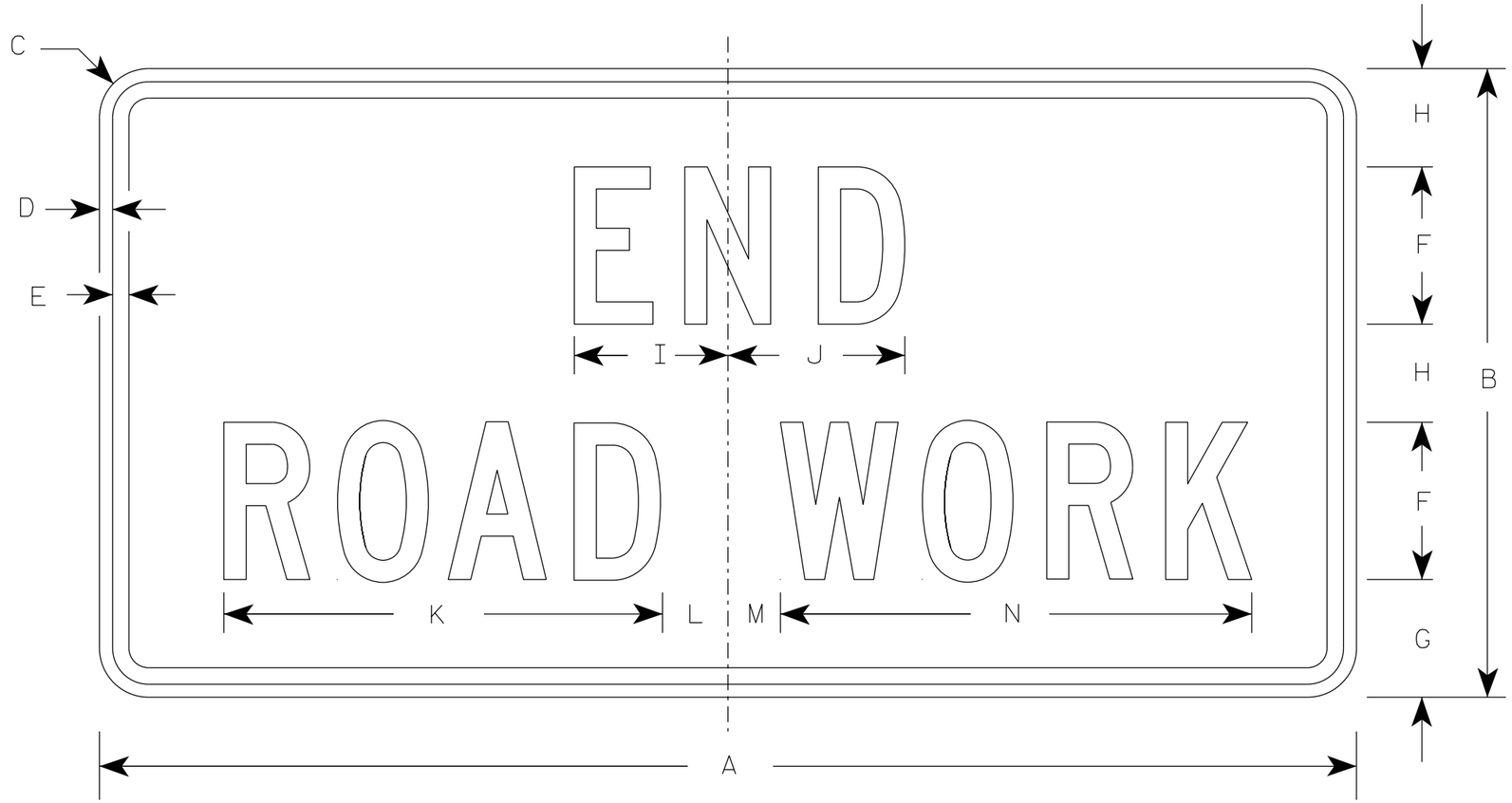
*WISCONSIN DEPT OF TRANSPORTATION*

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 164 E




G20-2A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 36 | 18 | 1 1/2 | 3/8 | 1/2 | 4 | 3 3/4 | 2 1/2 | 4 1/8 | 4 1/8 | 11 1/8 | 2 | 1 | 12 1/8 | | | | | | | | | | | | | 4.5 |
| 2 | 48 | 24 | 1 7/8 | 1/2 | 5/8 | 6 | 4 1/2 | 3 3/4 | 5 7/8 | 6 3/4 | 16 3/4 | 2 1/2 | 1 3/4 | 18 1/2 | | | | | | | | | | | | | 8.0 |
| 2M | 48 | 24 | 1 7/8 | 1/2 | 5/8 | 6 | 4 1/2 | 3 3/4 | 5 7/8 | 6 3/4 | 16 3/4 | 2 1/2 | 1 3/4 | 18 1/2 | | | | | | | | | | | | | 8.0 |
| 3 | 48 | 24 | 1 7/8 | 1/2 | 5/8 | 6 | 4 1/2 | 3 3/4 | 5 7/8 | 6 3/4 | 16 3/4 | 2 1/2 | 1 3/4 | 18 1/2 | | | | | | | | | | | | | 8.0 |
| 4 | 48 | 24 | 1 7/8 | 1/2 | 5/8 | 6 | 4 1/2 | 3 3/4 | 5 7/8 | 6 3/4 | 16 3/4 | 2 1/2 | 1 3/4 | 18 1/2 | | | | | | | | | | | | | 8.0 |
| 5 | 48 | 24 | 1 7/8 | 1/2 | 5/8 | 6 | 4 1/2 | 3 3/4 | 5 7/8 | 6 3/4 | 16 3/4 | 2 1/2 | 1 3/4 | 18 1/2 | | | | | | | | | | | | | 8.0 |

STANDARD SIGN

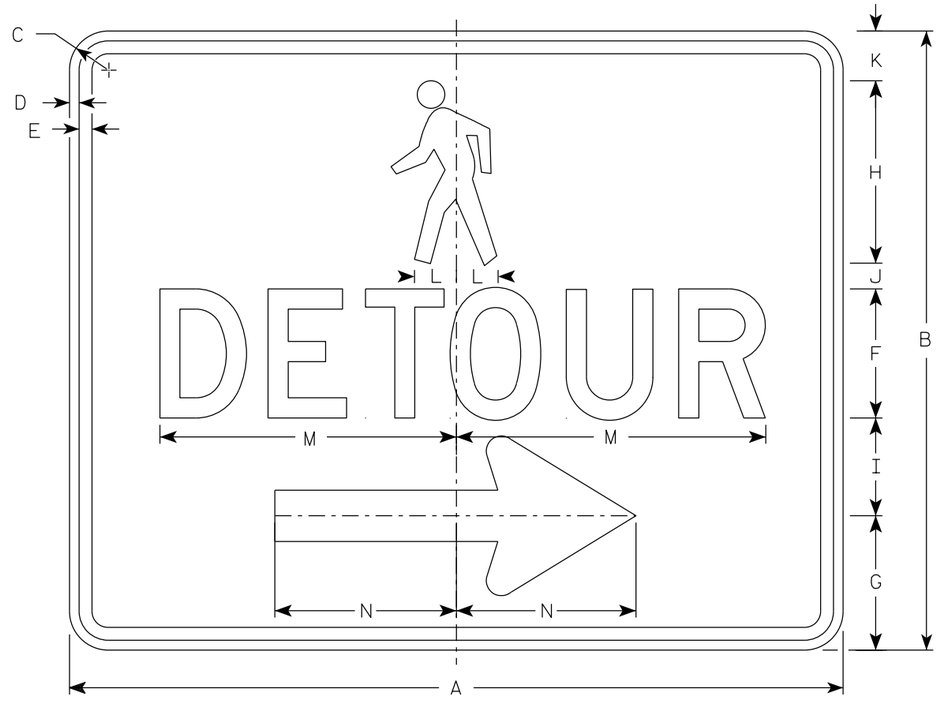
G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-2A.10

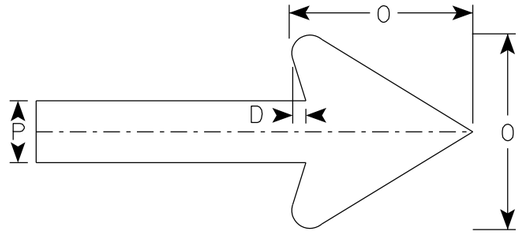
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E




M4-9BR

NOTES

1. Sign is Type II-Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-9BL is the same as M4-9BR except the arrow is reversed.




Arrow Detail

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 24 | 1 1/2 | 3/8 | 1/2 | 5 | 5 1/4 | 7 1/8 | 3 3/4 | 1 | 1 1/8 | 1 5/8 | 11 3/4 | 7 | 6 | 2 | | | | | | | | | | | 5.0 |
| 2M | 30 | 24 | 1 1/2 | 3/8 | 1/2 | 5 | 5 1/4 | 7 1/8 | 3 3/4 | 1 | 1 1/8 | 1 5/8 | 11 3/4 | 7 | 6 | 2 | | | | | | | | | | | 5.0 |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

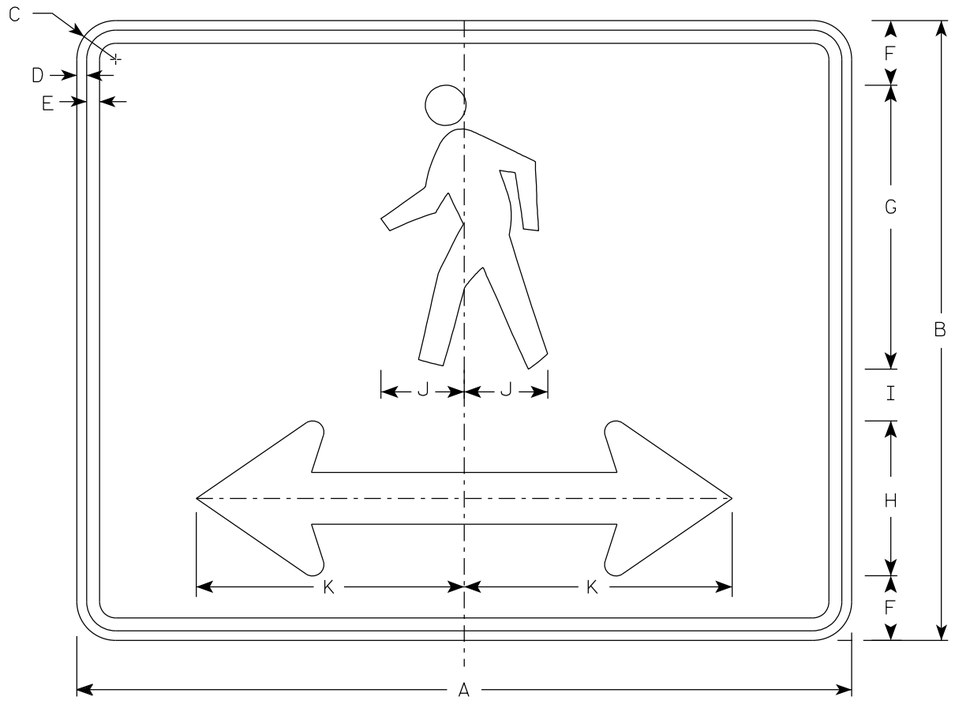
STANDARD SIGN
M4-9B L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-9B.4

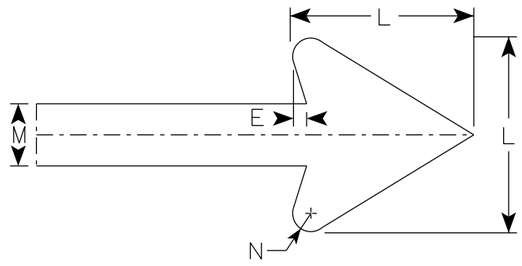
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 166 | E




M4-60D

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.




Arrow Detail

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 24 | 1 1/2 | 3/8 | 1/2 | 2 1/2 | 11 | 6 | 2 | 3 1/4 | 10 3/8 | 6 | 2 | 3/8 | | | | | | | | | | | | | 5.00 |
| 2M | 30 | 24 | 1 1/2 | 3/8 | 1/2 | 2 1/2 | 11 | 6 | 2 | 3 1/4 | 10 3/8 | 6 | 2 | 3/8 | | | | | | | | | | | | | 5.00 |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

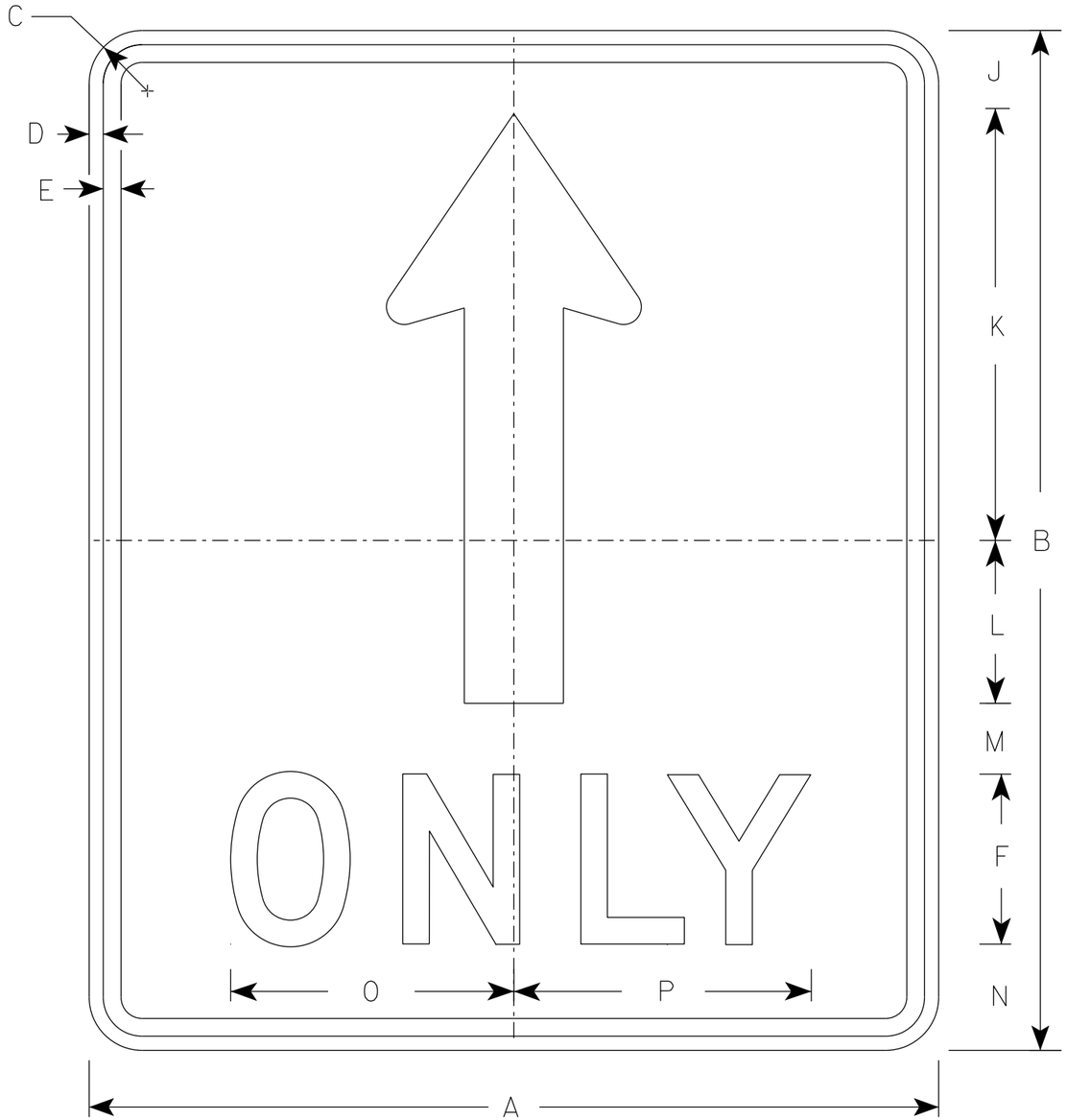
STANDARD SIGN
M4-60D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60D.2

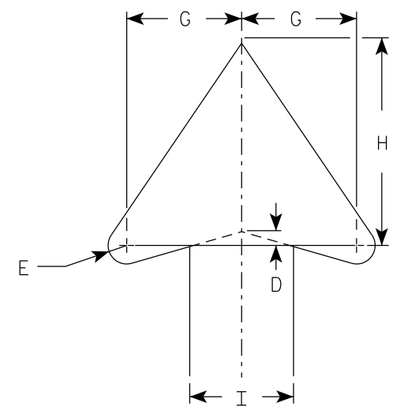
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 167 | E




R3-5A

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D




ARROW DETAIL

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 36 | 1 7/8 | 1/2 | 5/8 | 6 | 4 | 7 | 3 1/2 | 2 3/4 | 15 1/4 | 5 3/4 | 2 1/2 | 3 3/4 | 10 | 10 1/2 | | | | | | | | | | | 7.5 |
| 2M | 42 | 48 | 1 7/8 | 1/2 | 5/8 | 8 | 5 1/8 | 9 1/8 | 4 5/8 | 3 5/8 | 20 3/8 | 7 5/8 | 3 3/8 | 5 | 13 3/8 | 14 | | | | | | | | | | | 14.0 |
| 3 | 42 | 48 | 1 7/8 | 1/2 | 5/8 | 8 | 5 1/8 | 9 1/8 | 4 5/8 | 3 5/8 | 20 3/8 | 7 5/8 | 3 3/8 | 5 | 13 3/8 | 14 | | | | | | | | | | | 14.0 |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

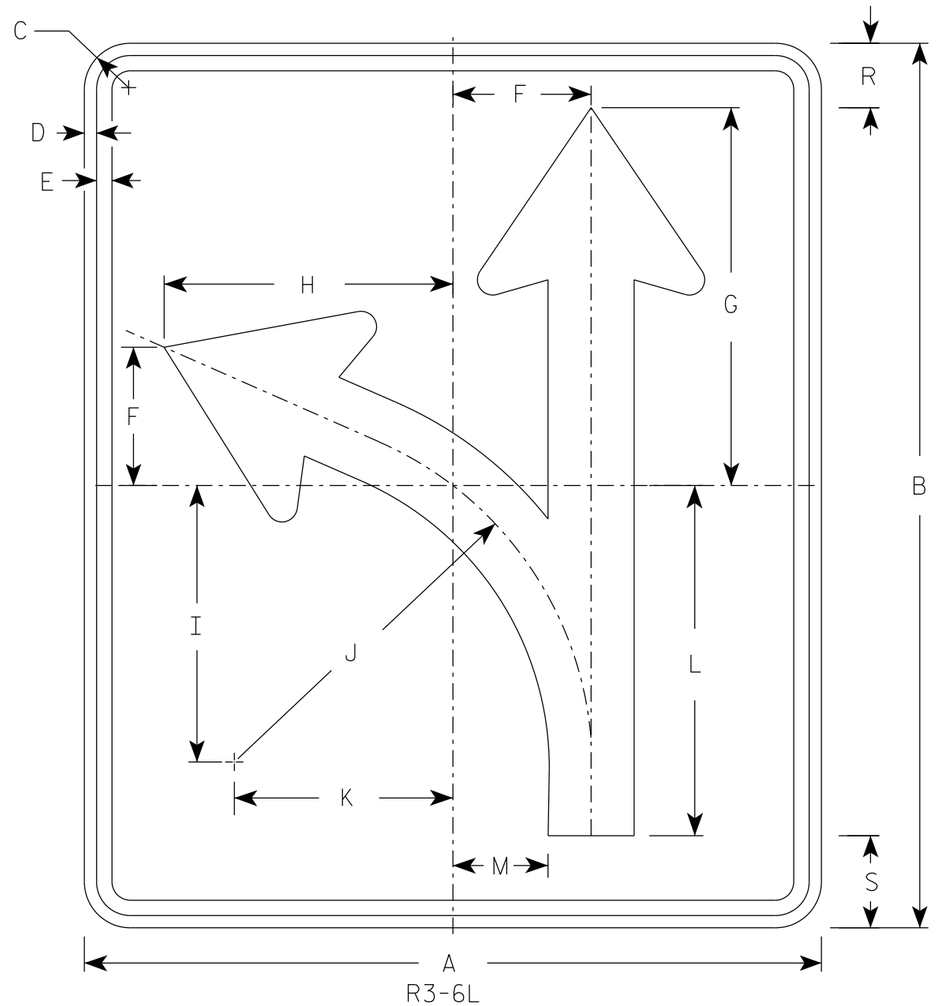
STANDARD SIGN
R3-5A

*WISCONSIN DEPT OF TRANSPORTATION*

APPROVED Matthew R Rauch
*for* State Traffic Engineer

DATE 10/9/25 PLATE NO. R3-5A.6

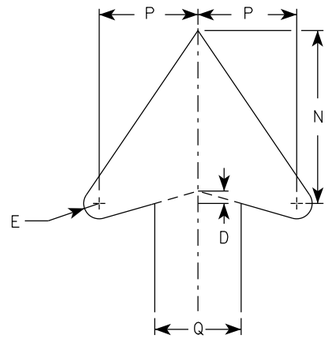
| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 168 | E |
|---|---|---|---|---|---|




R3-6L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. R3-6R is the same as R3-6L except curved portion of arrow points to right.




ARROW DETAIL

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 36 | 1 7/8 | 1/2 | 5/8 | 5 5/8 | 15 3/8 | 11 1/4 | 5 3/8 | 14 1/2 | 8 7/8 | 14 1/4 | 3 7/8 | 7 | | 4 | 3 1/2 | 2 5/8 | 3 3/4 | | | | | | | | 7.5 |
| 2M | 42 | 48 | 1 7/8 | 1/2 | 5/8 | 7 1/2 | 20 1/2 | 15 5/8 | 15 | 19 1/8 | 11 7/8 | 19 | 5 1/8 | 9 3/8 | | 5 3/8 | 4 5/8 | 3 1/2 | 5 | | | | | | | | 14.0 |
| 3 | 42 | 48 | 1 7/8 | 1/2 | 5/8 | 7 1/2 | 20 1/2 | 15 5/8 | 15 | 19 1/8 | 11 7/8 | 19 | 5 1/8 | 9 3/8 | | 5 3/8 | 4 5/8 | 3 1/2 | 5 | | | | | | | | 14.0 |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

STANDARD SIGN
R3-6

WISCONSIN DEPT OF TRANSPORTATION

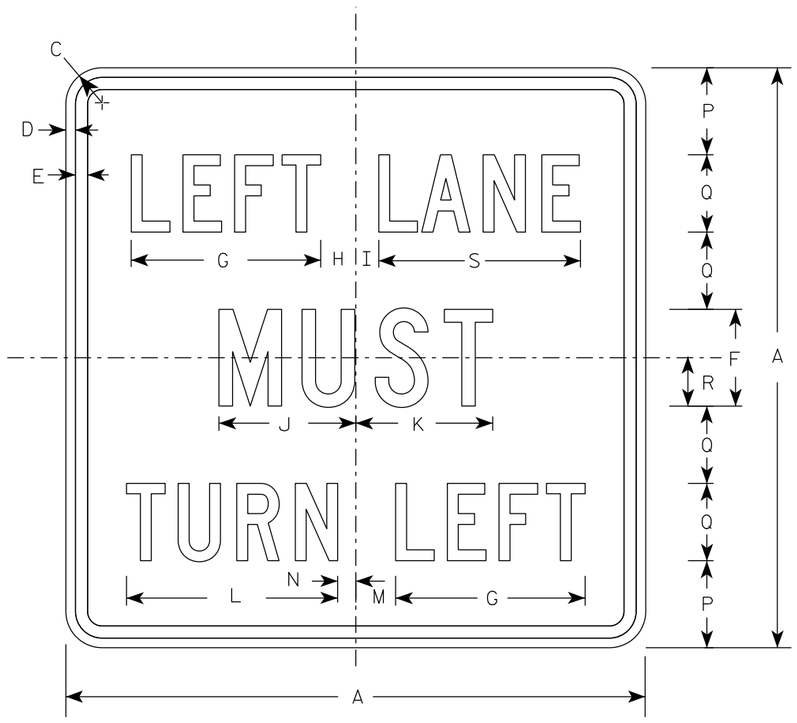
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/9/25 PLATE NO. R3-6.2

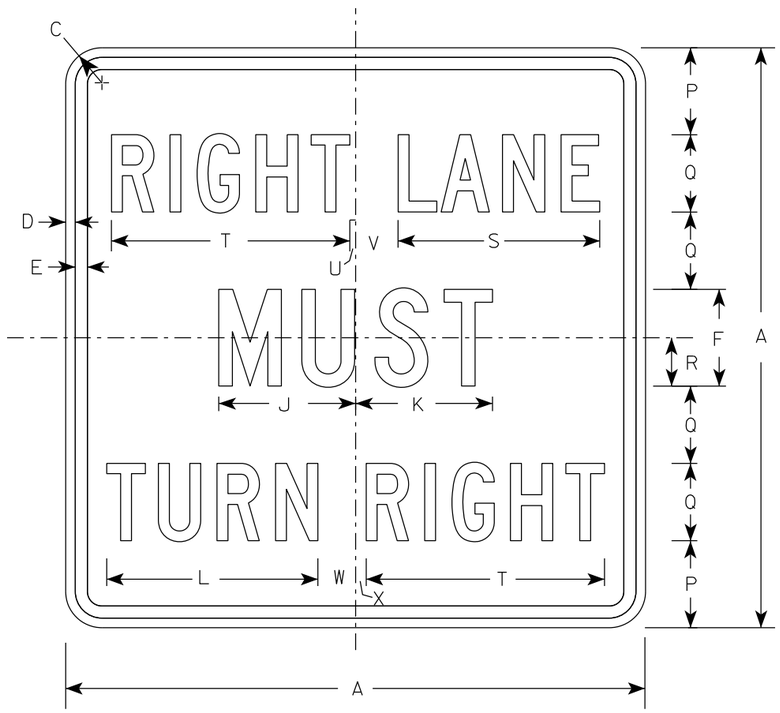
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 169 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C




R3-7L




R3-7R

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30 | | 1 7/8 | 1/2 | 5/8 | 5 | 9 3/4 | 1 7/8 | 1 1/8 | 7 1/8 | 7 1/8 | 10 7/8 | 2 | 1 | | 4 1/2 | 4 | 2 1/2 | 10 3/8 | 12 3/8 | 1/4 | 2 1/4 | 2 | 1/2 | | | 6.25 |
| 2S | 30 | | 1 7/8 | 1/2 | 5/8 | 5 | 9 3/4 | 1 7/8 | 1 1/8 | 7 1/8 | 7 1/8 | 10 7/8 | 2 | 1 | | 4 1/2 | 4 | 2 1/2 | 10 3/8 | 12 3/8 | 1/4 | 2 1/4 | 2 | 1/2 | | | 6.25 |
| 2M | 30 | | 1 7/8 | 1/2 | 5/8 | 5 | 9 3/4 | 1 7/8 | 1 1/8 | 7 1/8 | 7 1/8 | 10 7/8 | 2 | 1 | | 4 1/2 | 4 | 2 1/2 | 10 3/8 | 12 3/8 | 1/4 | 2 1/4 | 2 | 1/2 | | | 6.25 |
| 3 | 36 | | 2 1/4 | 5/8 | 3/4 | 6 | 11 3/4 | 2 1/8 | 1 3/8 | 8 1/2 | 8 1/2 | 13 1/8 | 2 1/8 | 1 1/8 | | 5 3/8 | 4 3/4 | 3 | 12 1/2 | 14 3/4 | 3/8 | 2 5/8 | 2 3/8 | 5/8 | | | 9.00 |
| 4 | 48 | | 3 | 3/4 | 1 | 8 | 15 5/8 | 2 7/8 | 1 7/8 | 11 3/8 | 11 3/8 | 17 1/2 | 3 1/4 | 1 1/2 | | 7 1/8 | 6 3/8 | 4 | 16 3/4 | 19 3/4 | 1/2 | 3 1/2 | 3 1/8 | 7/8 | | | 16.00 |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

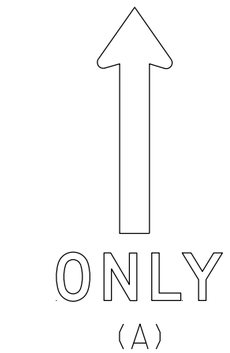
STANDARD SIGN
R3-7L & R3-7R

*WISCONSIN DEPT OF TRANSPORTATION*

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/16/25 PLATE NO. R3-7.5

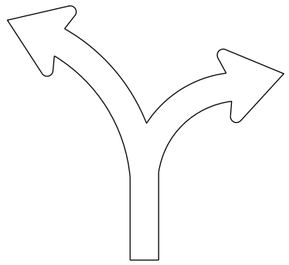
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 170 | E

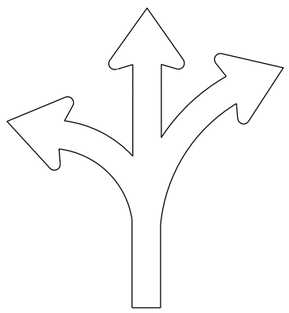


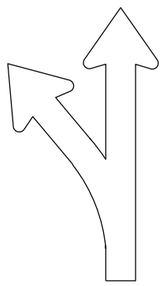
(A)

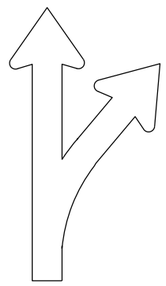


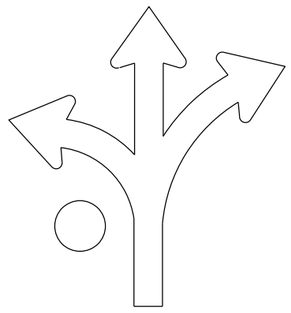
(B)

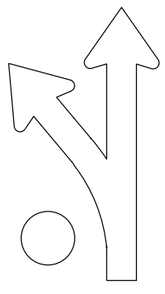

(C)

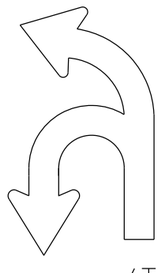

(D)

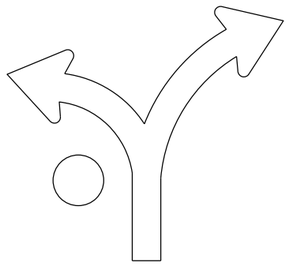

(E)

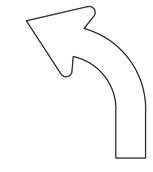

(F)


(G)

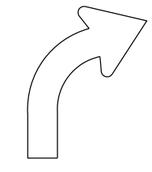

(H)


(I)


(J)



(L)



(R)

NOTES

1. Sigs are Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Use appropriate Letter for Sign Code
   Each letter added makes sign wider. Example R3-8EAR
5. Square footage of sign varies by letters

| | | |
|---|---|---|
| 1 | Letter = | 3.75 sq ft for Size 2 |
| | | 6.0 sq ft for Size 3 |
| | | 10.0 sq ft for Size 4 or 5 |
| 2 | Letters = | 7.5 sq ft for Size 2 |
| | | 12.0 sq ft for Size 3 |
| | | 20.0 sq ft for Size 4 or 5 |
| 3 | Letters = | 11.25 sq ft for Size 2 |
| | | 18.0 sq ft for Size 3 |
| | | 30.0 sq ft for Size 4 or 5 |
| 4 | Letters = | 15.0 sq ft for Size 2 |
| | | 24.0 sq ft for Size 3 |
| | | 40.0 sq ft for Size 4 or 5 |
| 5 | Letters = | 18.75 sq ft for Size 2 |
| | | 30.0 sq ft for Size 3 |
| | | 50.0 sq ft for Size 4 or 5 |
| 6 | Letters = | 22.5 sq ft for Size 2 |
| | | 36.0 sq ft for Size 3 |
| | | 60.0 sq ft for Size 4 or 5 |

6. When letters C,D,G,J are used on the Left or Right end of the sign the Sq. Ft. changes.
   Add the amounts when these letters are used:
   1.25 sq ft for Size 2
   1.5 sq ft for Size 3
   2.0 sq ft for Size 4 or 5

STANDARD SIGN
R3-8 Series

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

7

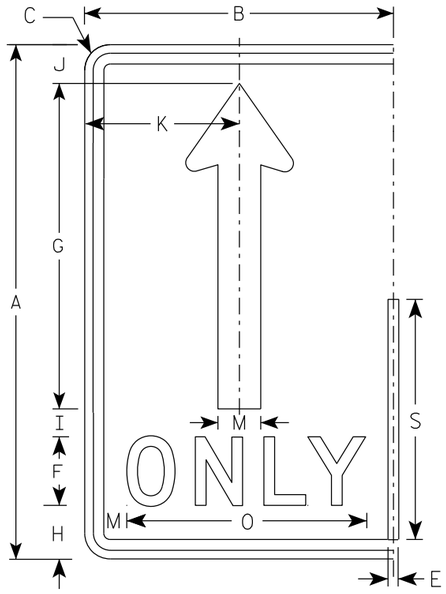
7

PROJECT NO:

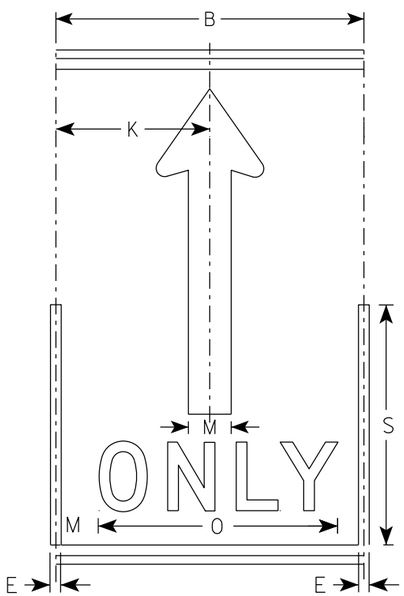
SHEET NO: 171 E

NOTES

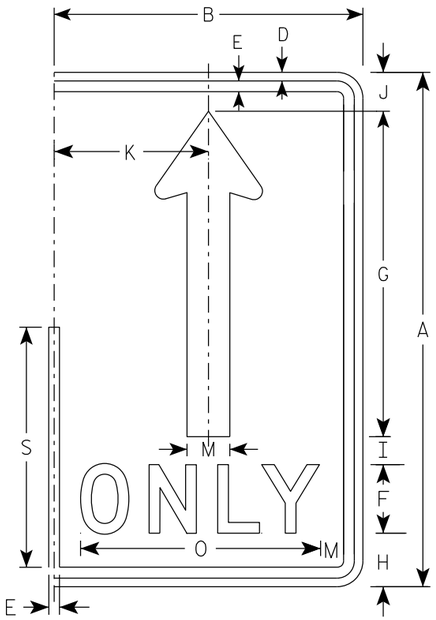
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



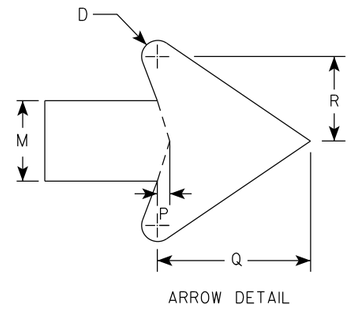

(A)




(A)




(A)




ARROW DETAIL

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 18 | 1 1/2 | 1/2 | 5/8 | 4 | 19 | 3 1/8 | 1 5/8 | 2 1/4 | 9 | | 2 1/2 | | 14 | 3/8 | 4 3/4 | 2 5/8 | 14 | | | | | | | | 3.75 |
| 2M | 30 | 18 | 1 1/2 | 1/2 | 5/8 | 4 | 19 | 3 1/8 | 1 5/8 | 2 1/4 | 9 | | 2 1/2 | | 14 | 3/8 | 4 3/4 | 2 5/8 | 14 | | | | | | | | 3.75 |
| 3 | 36 | 24 | 1 1/2 | 1/2 | 5/8 | 5 | 22 3/4 | 3 3/4 | 1 3/4 | 2 3/4 | 12 | | 3 | | 17 5/8 | 1/2 | 5 3/4 | 3 1/8 | 16 3/4 | | | | | | | | 6.0 |
| 4 | 48 | 30 | 2 1/4 | 3/4 | 1 | 6 | 30 3/8 | 5 1/8 | 2 7/8 | 3 5/8 | 15 | | 4 | | 21 3/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | | | | | | | | 10.0 |
| 5 | 48 | 30 | 2 1/4 | 3/4 | 1 | 6 | 30 3/8 | 5 1/8 | 2 7/8 | 3 5/8 | 15 | | 4 | | 21 3/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | | | | | | | | 10.0 |

# STANDARD SIGN
# R3-8 (A) Arrow

WISCONSIN DEPT OF TRANSPORTATION

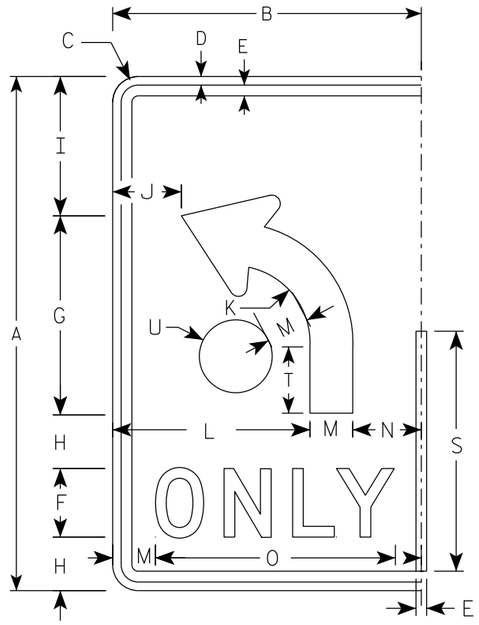
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

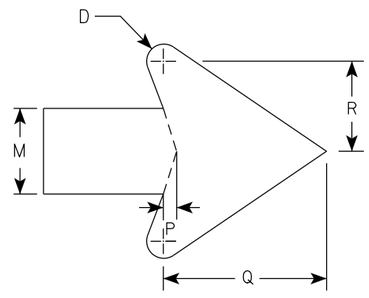
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 172 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
   Message Series - D




(B)




ARROW DETAIL

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 18 | 1 1/2 | 1/2 | 5/8 | 4 | 11 5/8 | 3 1/8 | 8 1/8 | 4 | 4 1/2 | 11 1/2 | 2 1/2 | 4 | 14 | 3/8 | 4 3/4 | 2 5/8 | 14 | 3 7/8 | 2 1/8 | | | | | | 3.75 |
| 2M | 30 | 18 | 1 1/2 | 1/2 | 5/8 | 4 | 11 5/8 | 3 1/8 | 8 1/8 | 4 | 4 1/2 | 11 1/2 | 2 1/2 | 4 | 14 | 3/8 | 4 3/4 | 2 5/8 | 14 | 3 7/8 | 2 1/8 | | | | | | 3.75 |
| 3 | 36 | 24 | 1 1/2 | 1/2 | 5/8 | 5 | 14 | 3 1/2 | 9 3/4 | 6 | 5 3/8 | 15 | 3 | 6 | 17 5/8 | 1/2 | 5 3/4 | 3 1/8 | 16 3/4 | 4 5/8 | 2 1/2 | | | | | | 6.0 |
| 4 | 48 | 30 | 2 1/4 | 3/4 | 1 | 6 | 18 5/8 | 5 1/8 | 13 1/8 | 6 1/8 | 7 1/4 | 18 | 4 | 8 | 21 3/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | 6 1/4 | 3 3/8 | | | | | | 10.0 |
| 5 | 48 | 30 | 2 1/4 | 3/4 | 1 | 6 | 18 5/8 | 5 1/8 | 13 1/8 | 6 1/8 | 7 1/4 | 18 | 4 | 8 | 21 3/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | 6 1/4 | 3 3/8 | | | | | | 10.0 |

STANDARD SIGN

R3-8 (B) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

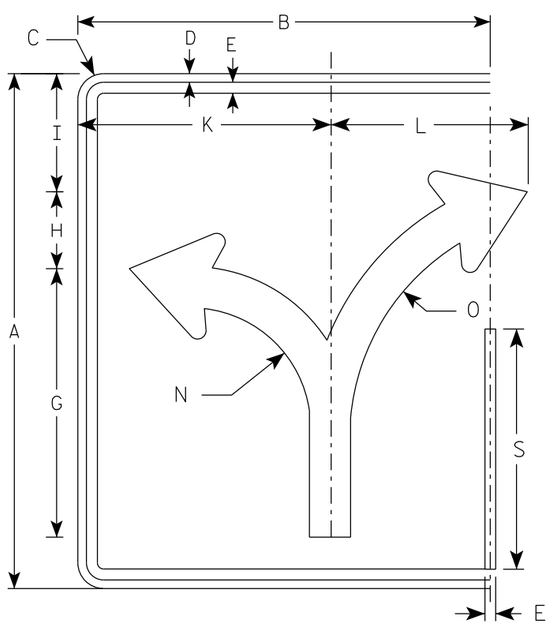
DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

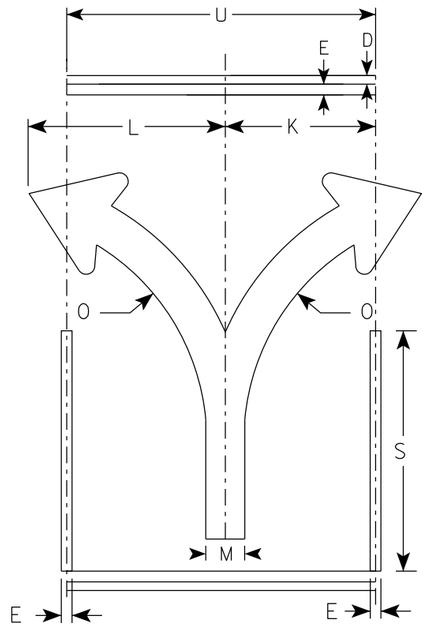
SHEET NO: 173 E

NOTES

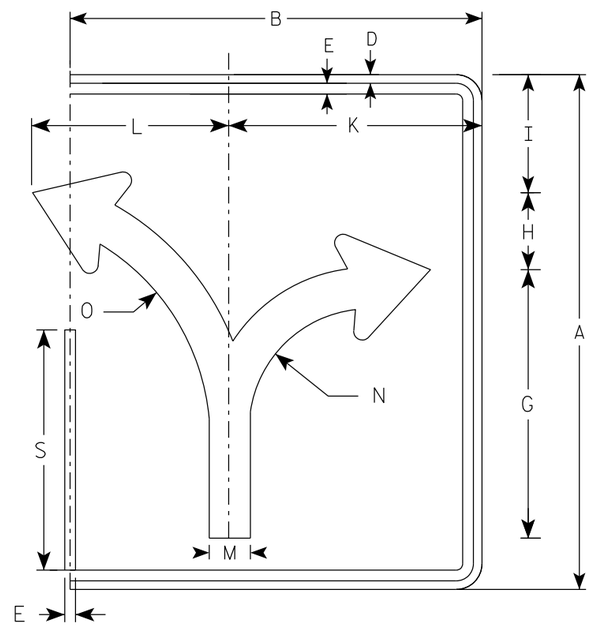
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



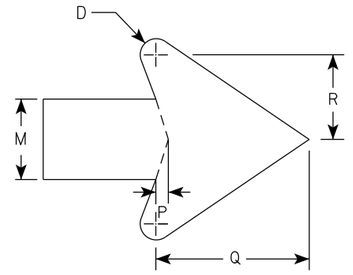

(C)




(C)




(C)




ARROW DETAIL

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | ENDS Area sq. ft. | MIDDLE Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 24 | 1 1/2 | 1/2 | 5/8 | | 15 5/8 | 4 1/2 | 6 7/8 | | 14 3/4 | 11 1/2 | 2 3/8 | 7 | 13 1/4 | 3/8 | 4 1/2 | 2 1/2 | 14 | | 18 | | | | | | 5.0 | 3.75 |
| 2M | 30 | 24 | 1 1/2 | 1/2 | 5/8 | | 15 5/8 | 4 1/2 | 6 7/8 | | 14 3/4 | 11 1/2 | 2 3/8 | 7 | 13 1/4 | 3/8 | 4 1/2 | 2 1/2 | 14 | | 18 | | | | | | 5.0 | 3.75 |
| 3 | 36 | 30 | 1 1/2 | 1/2 | 5/8 | | 18 3/4 | 5 1/2 | 8 1/4 | | 17 1/4 | 17 1/4 | 2 7/8 | 8 3/8 | 16 | 1/2 | 5 1/2 | 3 | 16 3/4 | | 24 | | | | | | 7.5 | 6.0 |
| 4 | 48 | 36 | 2 1/4 | 3/4 | 1 | | 24 7/8 | 7 1/4 | 11 | | 23 1/8 | 18 | 3 3/4 | 11 1/8 | 21 1/4 | 5/8 | 7 1/8 | 4 | 22 3/8 | | 30 | | | | | | 12.0 | 10.0 |
| 5 | 48 | 36 | 2 1/4 | 3/4 | 1 | | 24 7/8 | 7 1/4 | 11 | | 23 1/8 | 18 | 3 3/4 | 11 1/8 | 21 1/4 | 5/8 | 7 1/8 | 4 | 22 3/8 | | 30 | | | | | | 12.0 | 10.0 |

STANDARD SIGN
R3-8 (C) Arrow

WISCONSIN DEPT OF TRANSPORTATION

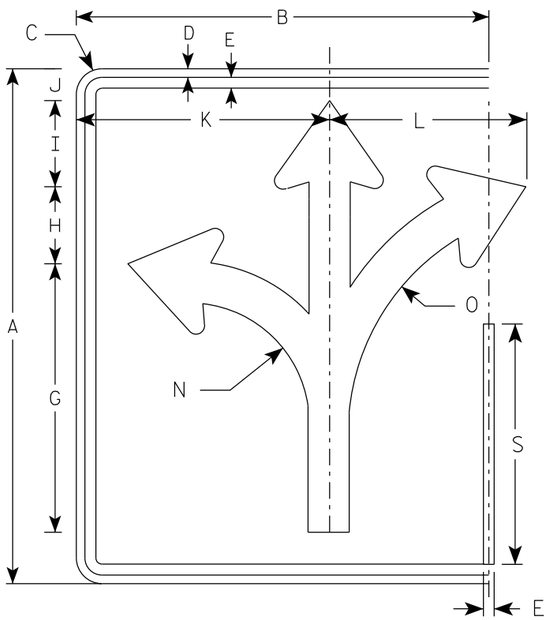
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

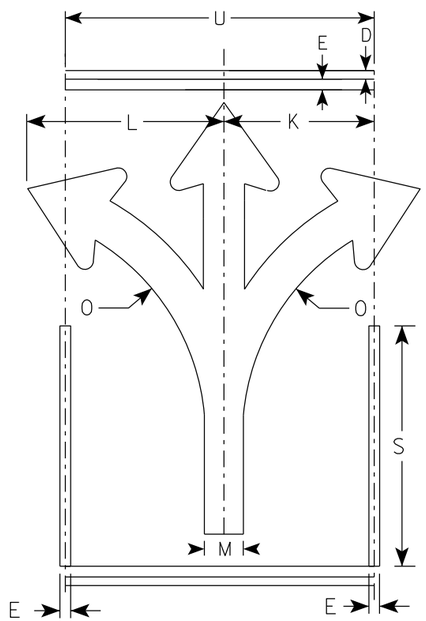
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 174 | E

NOTES

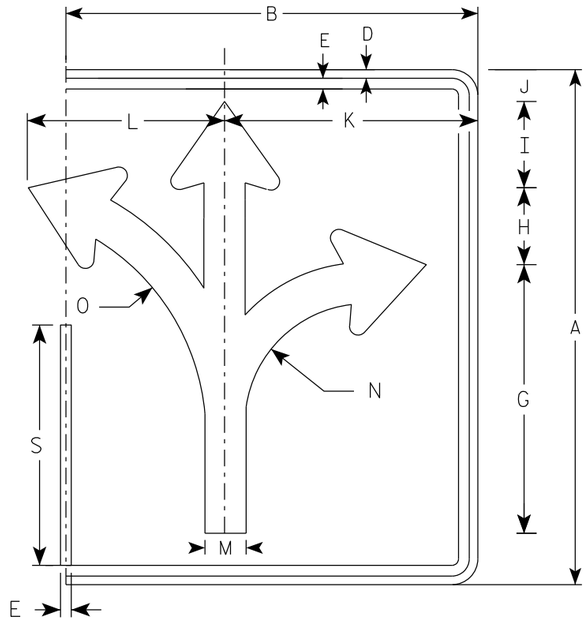
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



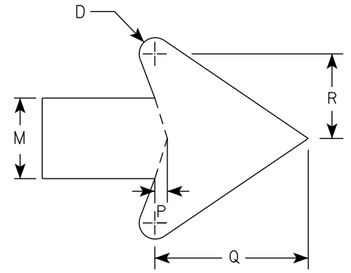

(D)




(D)




(D)




ARROW DETAIL

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | ENDS Area sq. ft. | MIDDLE Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 24 | 1 1/2 | 1/2 | 5/8 | | 15 5/8 | 4 1/2 | 5 | 1 7/8 | 14 3/4 | 11 1/2 | 2 3/8 | 7 | 13 1/4 | 3/8 | 4 1/2 | 2 1/2 | 14 | | 18 | | | | | | 5.0 | 3.75 |
| 2M | 30 | 24 | 1 1/2 | 1/2 | 5/8 | | 15 5/8 | 4 1/2 | 5 | 1 7/8 | 14 3/4 | 11 1/2 | 2 3/8 | 7 | 13 1/4 | 3/8 | 4 1/2 | 2 1/2 | 14 | | 18 | | | | | | 5.0 | 3.75 |
| 3 | 36 | 30 | 1 1/2 | 1/2 | 5/8 | | 18 3/4 | 5 1/2 | 6 | 2 1/4 | 17 1/4 | 17 1/4 | 2 7/8 | 8 3/8 | 16 | 1/2 | 5 1/2 | 3 | 16 3/4 | | 24 | | | | | | 7.5 | 6.0 |
| 4 | 48 | 36 | 2 1/4 | 3/4 | 1 | | 24 7/8 | 7 1/4 | 7 7/8 | 3 1/8 | 23 1/8 | 18 | 3 3/4 | 11 1/8 | 21 1/4 | 5/8 | 7 1/8 | 4 | 22 3/8 | | 30 | | | | | | 12.0 | 10.0 |
| 5 | 48 | 36 | 2 1/4 | 3/4 | 1 | | 24 7/8 | 7 1/4 | 7 7/8 | 3 1/8 | 23 1/8 | 18 | 3 3/4 | 11 1/8 | 21 1/4 | 5/8 | 7 1/8 | 4 | 22 3/8 | | 30 | | | | | | 12.0 | 10.0 |

STANDARD SIGN
R3-8 (D) Arrow

WISCONSIN DEPT OF TRANSPORTATION

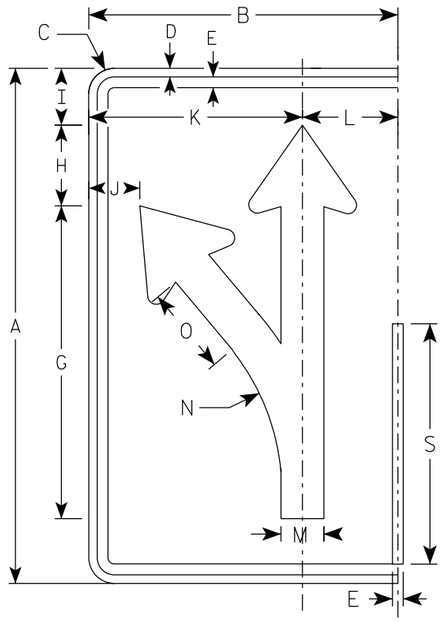
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

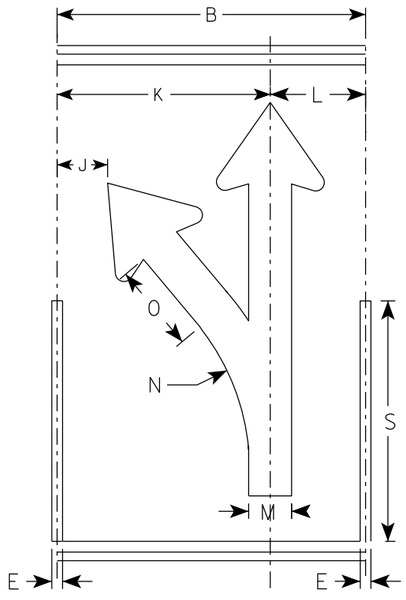
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 175 | E

NOTES

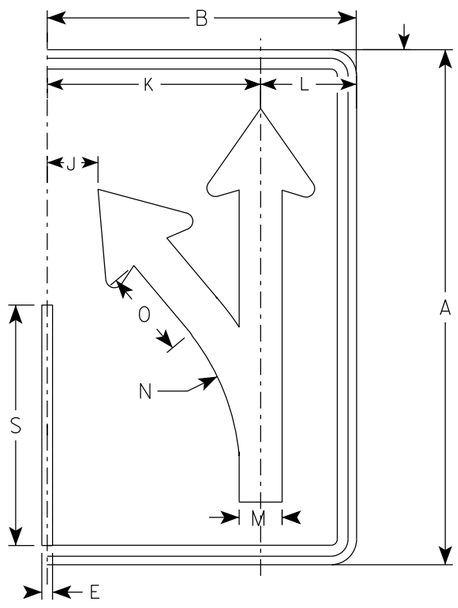
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



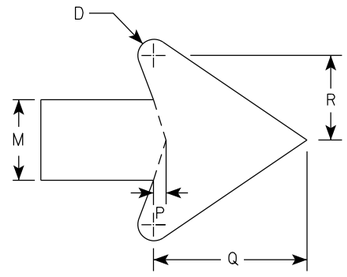

(E)




(E)




(E)




ARROW DETAIL

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 18 | 1 1/2 | 1/2 | 5/8 | | 18 1/4 | 4 3/4 | 3 1/4 | 3 | 12 1/2 | 5 1/2 | 2 1/2 | 13 1/4 | 5 1/8 | 3/8 | 4 3/4 | 2 5/8 | 14 | | | | | | | | 3.75 |
| 2M | 30 | 18 | 1 1/2 | 1/2 | 5/8 | | 18 1/4 | 4 3/4 | 3 1/4 | 3 | 12 1/2 | 5 1/2 | 2 1/2 | 13 1/4 | 5 1/8 | 3/8 | 4 3/4 | 2 5/8 | 14 | | | | | | | | 3.75 |
| 3 | 36 | 24 | 1 1/2 | 1/2 | 5/8 | | 21 7/8 | 5 5/8 | 4 | 4 7/8 | 16 1/8 | 7 3/4 | 3 | 15 7/8 | 6 1/8 | 1/2 | 5 3/4 | 3 1/8 | 16 3/4 | | | | | | | | 6.0 |
| 4 | 48 | 30 | 2 1/4 | 3/4 | 1 | | 29 1/8 | 7 1/2 | 5 1/4 | 5 3/8 | 20 1/2 | 9 1/2 | 4 | 21 1/4 | 8 1/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | | | | | | | | 10.0 |
| 5 | 48 | 30 | 2 1/4 | 3/4 | 1 | | 29 1/8 | 7 1/2 | 5 1/4 | 5 3/8 | 20 1/2 | 9 1/2 | 4 | 21 1/4 | 8 1/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | | | | | | | | 10.0 |

STANDARD SIGN
R3-8 (E) Arrow

WISCONSIN DEPT OF TRANSPORTATION

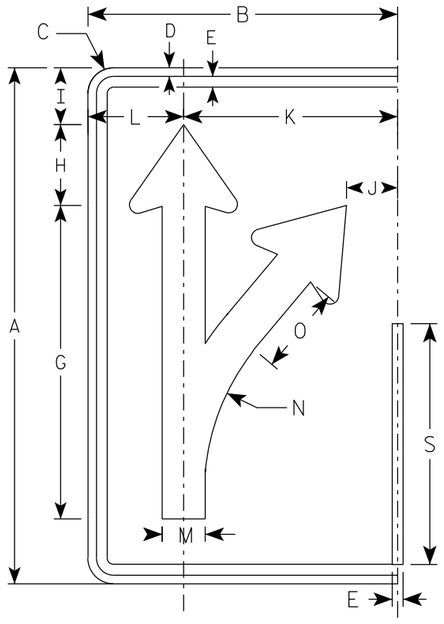
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

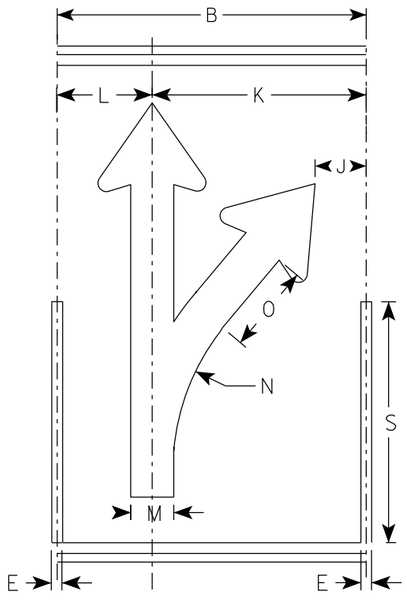
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 176 | E

NOTES

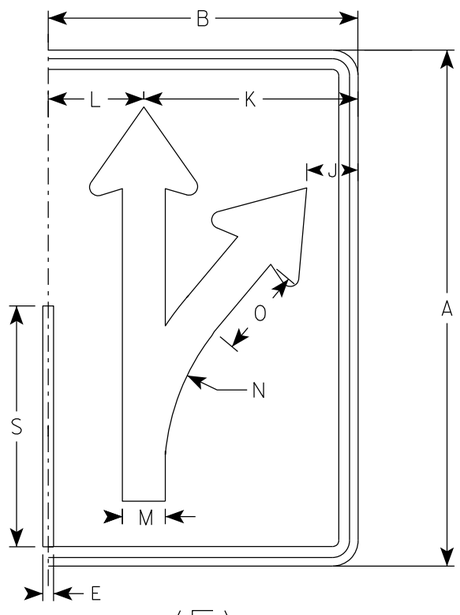
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



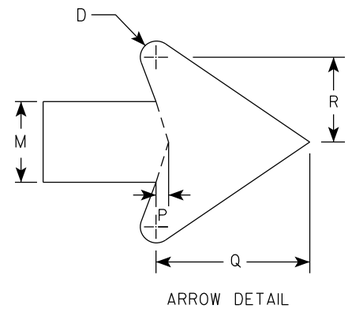

(F)




(F)




(F)




ARROW DETAIL

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 18 | 1 1/2 | 1/2 | 5/8 | | 18 1/4 | 4 3/4 | 3 1/4 | 3 | 12 1/2 | 5 1/2 | 2 1/2 | 13 1/4 | 5 1/8 | 3/8 | 4 3/4 | 2 5/8 | 14 | | | | | | | | 3.75 |
| 2M | 30 | 18 | 1 1/2 | 1/2 | 5/8 | | 18 1/4 | 4 3/4 | 3 1/4 | 3 | 12 1/2 | 5 1/2 | 2 1/2 | 13 1/4 | 5 1/8 | 3/8 | 4 3/4 | 2 5/8 | 14 | | | | | | | | 3.75 |
| 3 | 36 | 24 | 1 1/2 | 1/2 | 5/8 | | 21 7/8 | 5 5/8 | 4 | 4 7/8 | 16 1/8 | 7 3/4 | 3 | 15 7/8 | 6 1/8 | 1/2 | 5 3/4 | 3 1/8 | 16 3/4 | | | | | | | | 6.0 |
| 4 | 48 | 30 | 2 1/4 | 3/4 | 1 | | 29 1/8 | 7 1/2 | 5 1/4 | 5 3/8 | 20 1/2 | 9 1/2 | 4 | 21 1/4 | 8 1/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | | | | | | | | 10.0 |
| 5 | 48 | 30 | 2 1/4 | 3/4 | 1 | | 29 1/8 | 7 1/2 | 5 1/4 | 5 3/8 | 20 1/2 | 9 1/2 | 4 | 21 1/4 | 8 1/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | | | | | | | | 10.0 |

STANDARD SIGN
R3-8 (F) Arrow

*WISCONSIN DEPT OF TRANSPORTATION*

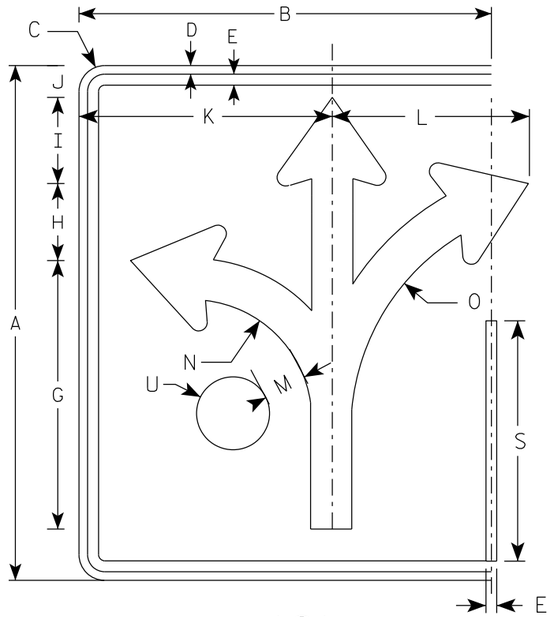
APPROVED Matthew R Rauch
*For* State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

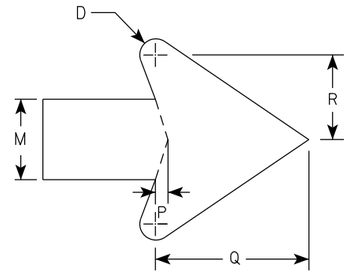
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 177 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None




(G)




ARROW DETAIL

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 24 | 1 1/2 | 1/2 | 5/8 | | 15 5/8 | 4 1/2 | 5 | 1 7/8 | 14 3/4 | 11 1/2 | 2 3/8 | 7 | 13 1/4 | 3/8 | 4 1/2 | 2 1/2 | 14 | | 2 1/8 | | | | | | 5.0 |
| 2M | 30 | 24 | 1 1/2 | 1/2 | 5/8 | | 15 5/8 | 4 1/2 | 5 | 1 7/8 | 14 3/4 | 11 1/2 | 2 3/8 | 7 | 13 1/4 | 3/8 | 4 1/2 | 2 1/2 | 14 | | 2 1/8 | | | | | | 5.0 |
| 3 | 36 | 30 | 1 1/2 | 1/2 | 5/8 | | 18 3/4 | 5 1/2 | 6 | 3 1/8 | 17 1/4 | 17 1/4 | 2 7/8 | 8 3/8 | 16 | 1/2 | 5 1/2 | 3 | 16 3/4 | | 2 1/2 | | | | | | 7.5 |
| 4 | 48 | 36 | 2 1/4 | 3/4 | 1 | | 24 7/8 | 7 1/4 | 7 7/8 | 3 1/8 | 23 1/8 | 18 | 3 3/4 | 11 1/8 | 21 1/4 | 5/8 | 7 1/8 | 4 | 22 3/8 | | 3 3/8 | | | | | | 12.0 |
| 5 | 48 | 36 | 2 1/4 | 3/4 | 1 | | 24 7/8 | 7 1/4 | 7 7/8 | 3 1/8 | 23 1/8 | 18 | 3 3/4 | 11 1/8 | 21 1/4 | 5/8 | 7 1/8 | 4 | 22 3/8 | | 3 3/8 | | | | | | 12.0 |

STANDARD SIGN
R3-8 (G) Arrow

WISCONSIN DEPT OF TRANSPORTATION

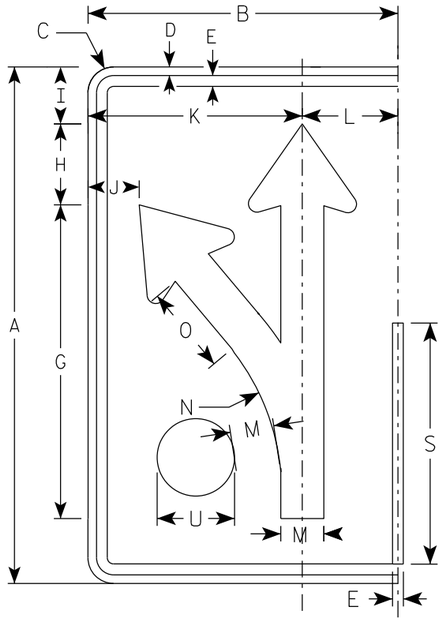
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

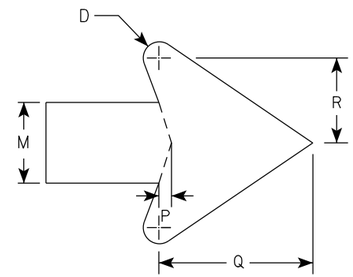
| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 178 | E |
|---|---|---|---|---|---|

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None




(H)




ARROW DETAIL

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 18 | 1 1/2 | 1/2 | 5/8 | | 18 1/4 | 4 3/4 | 3 1/4 | 3 | 12 1/2 | 5 1/2 | 2 1/2 | 13 1/4 | 5 1/8 | 3/8 | 4 3/4 | 2 5/8 | 14 | | 2 1/8 | | | | | | 3.75 |
| 2M | 30 | 18 | 1 1/2 | 1/2 | 5/8 | | 18 1/4 | 4 3/4 | 3 1/4 | 3 | 12 1/2 | 5 1/2 | 2 1/2 | 13 1/4 | 5 1/8 | 3/8 | 4 3/4 | 2 5/8 | 14 | | 2 1/8 | | | | | | 3.75 |
| 3 | 36 | 24 | 1 1/2 | 1/2 | 5/8 | | 21 7/8 | 5 5/8 | 4 | 4 7/8 | 16 1/8 | 7 3/4 | 3 | 15 7/8 | 6 1/8 | 1/2 | 5 3/4 | 3 1/8 | 16 3/4 | | 2 1/2 | | | | | | 6.0 |
| 4 | 48 | 30 | 2 1/4 | 3/4 | 1 | | 29 1/8 | 7 1/2 | 5 1/4 | 5 3/8 | 20 1/2 | 9 1/2 | 4 | 21 1/4 | 8 1/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | | 3 3/8 | | | | | | 10.0 |
| 5 | 48 | 30 | 2 1/4 | 3/4 | 1 | | 29 1/8 | 7 1/2 | 5 1/4 | 5 3/8 | 20 1/2 | 9 1/2 | 4 | 21 1/4 | 8 1/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | | 3 3/8 | | | | | | 10.0 |

STANDARD SIGN
R3-8 (H) Arrow

WISCONSIN DEPT OF TRANSPORTATION

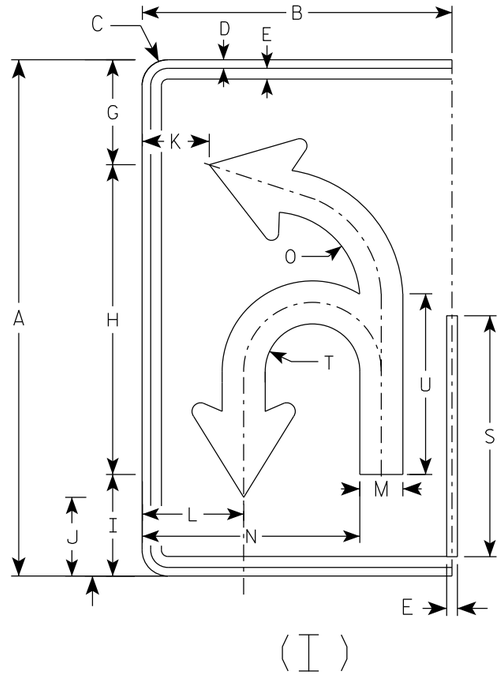
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

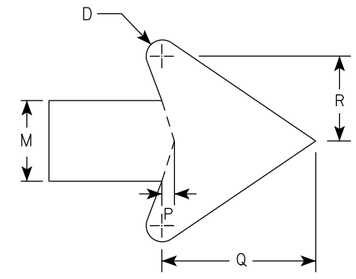
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 179 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None




(I)




ARROW DETAIL

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 18 | 1 1/2 | 1/2 | 5/8 | | 6 1/8 | 18 | 5 7/8 | 4 5/8 | 3 7/8 | 5 7/8 | 2 1/2 | 12 5/8 | 5 1/8 | 3/8 | 4 3/4 | 2 5/8 | 14 | 2 3/4 | 10 1/2 | | | | | | 3.75 |
| 2M | 30 | 18 | 1 1/2 | 1/2 | 5/8 | | 6 1/8 | 18 | 5 7/8 | 4 5/8 | 3 7/8 | 5 7/8 | 2 1/2 | 12 5/8 | 5 1/8 | 3/8 | 4 3/4 | 2 5/8 | 14 | 2 3/4 | 10 1/2 | | | | | | 3.75 |
| 3 | 36 | 24 | 1 1/2 | 1/2 | 5/8 | | 21 7/8 | 21 5/8 | 7 1/8 | 5 1/2 | 5 7/8 | 8 1/4 | 3 | 16 3/8 | 6 1/8 | 1/2 | 5 3/4 | 3 1/8 | 16 3/4 | 3 1/4 | 12 5/8 | | | | | | 6.0 |
| 4 | 48 | 30 | 2 1/4 | 3/4 | 1 | | 29 1/8 | 28 3/4 | 9 3/8 | 7 1/4 | 6 7/8 | 10 | 4 | 20 7/8 | 8 1/8 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | 4 3/8 | 16 3/4 | | | | | | 10.0 |
| 5 | 48 | 30 | 2 1/4 | 3/4 | 1 | | 29 1/8 | 28 3/4 | 9 3/8 | 7 1/4 | 6 7/8 | 10 | 4 | 20 7/8 | 8 1/8 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | 4 3/8 | 16 3/4 | | | | | | 10.0 |

STANDARD SIGN
R3-8 (I) Arrow

WISCONSIN DEPT OF TRANSPORTATION

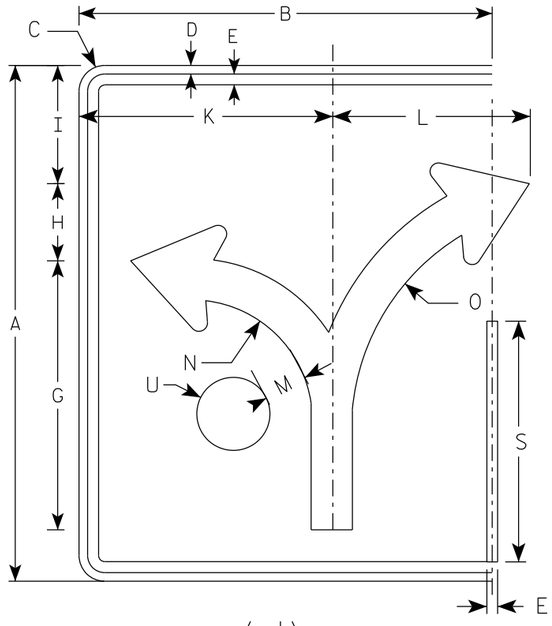
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

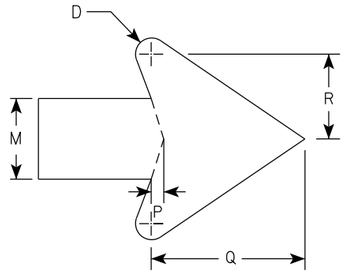
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 180 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None




(J)




ARROW DETAIL

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 24 | 1 1/2 | 1/2 | 5/8 | | 15 5/8 | 4 1/2 | 6 7/8 | | 14 3/4 | 11 1/2 | 2 3/8 | 7 | 13 1/4 | 3/8 | 4 1/2 | 2 1/2 | 14 | | 2 1/8 | | | | | | 5.0 |
| 2M | 30 | 24 | 1 1/2 | 1/2 | 5/8 | | 15 5/8 | 4 1/2 | 6 7/8 | | 14 3/4 | 11 1/2 | 2 3/8 | 7 | 13 1/4 | 3/8 | 4 1/2 | 2 1/2 | 14 | | 2 1/8 | | | | | | 5.0 |
| 3 | 36 | 30 | 1 1/2 | 1/2 | 5/8 | | 18 3/4 | 5 1/2 | 8 1/4 | | 17 1/4 | 17 1/4 | 2 7/8 | 8 3/8 | 16 | 1/2 | 5 1/2 | 3 | 16 3/4 | | 2 1/2 | | | | | | 7.5 |
| 4 | 48 | 36 | 2 1/4 | 3/4 | 1 | | 24 7/8 | 7 1/4 | 11 | | 23 1/8 | 18 | 3 3/4 | 11 1/8 | 21 1/4 | 5/8 | 7 1/8 | 4 | 22 3/8 | | 3 3/8 | | | | | | 12.0 |
| 5 | 48 | 36 | 2 1/4 | 3/4 | 1 | | 24 7/8 | 7 1/4 | 11 | | 23 1/8 | 18 | 3 3/4 | 11 1/8 | 21 1/4 | 5/8 | 7 1/8 | 4 | 22 3/8 | | 3 3/8 | | | | | | 12.0 |

STANDARD SIGN
R3-8 (J) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

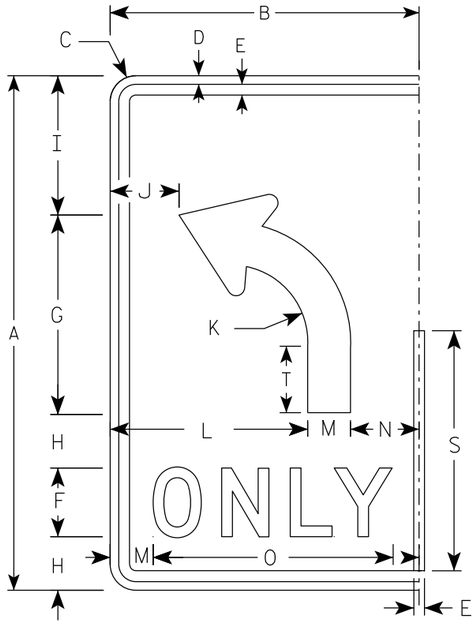
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 181 | E



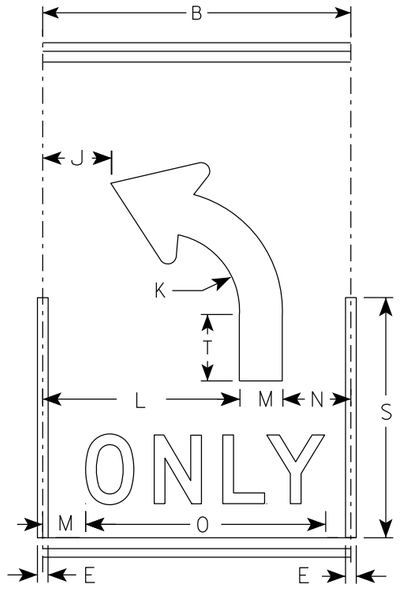

FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn PLOT DATE : 14-FEB 2023 3:18 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

NOTES

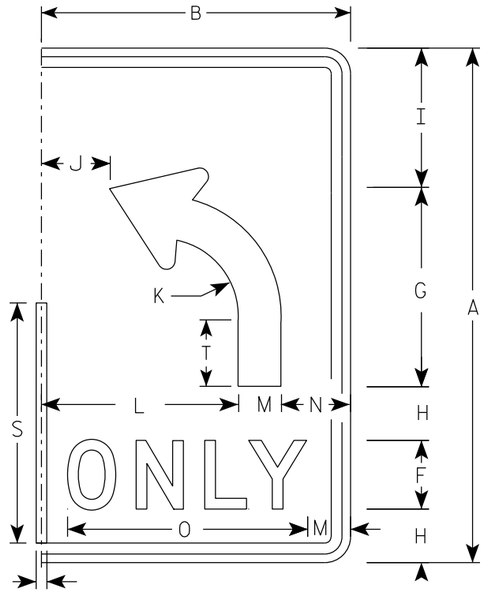
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



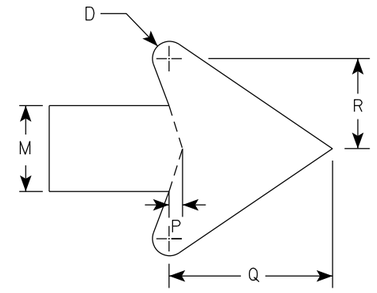

(L)




(L)




(L)




ARROW DETAIL

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 18 | 1 1/2 | 1/2 | 5/8 | 4 | 11 5/8 | 3 1/8 | 8 1/8 | 4 | 4 1/2 | 11 1/2 | 2 1/2 | 4 | 14 | 3/8 | 4 3/4 | 2 5/8 | 14 | 3 7/8 | | | | | | | 3.75 |
| 2M | 30 | 18 | 1 1/2 | 1/2 | 5/8 | 4 | 11 5/8 | 3 1/8 | 8 1/8 | 4 | 4 1/2 | 11 1/2 | 2 1/2 | 4 | 14 | 3/8 | 4 3/4 | 2 5/8 | 14 | 3 7/8 | | | | | | | 3.75 |
| 3 | 36 | 24 | 1 1/2 | 1/2 | 5/8 | 5 | 14 | 3 1/2 | 9 3/4 | 6 | 5 3/8 | 15 | 3 | 6 | 17 5/8 | 1/2 | 5 3/4 | 3 1/8 | 16 3/4 | 4 5/8 | | | | | | | 6.0 |
| 4 | 48 | 30 | 2 1/4 | 3/4 | 1 | 6 | 18 5/8 | 5 1/8 | 13 1/8 | 6 1/8 | 7 1/4 | 18 | 4 | 8 | 21 3/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | 6 1/4 | | | | | | | 10.0 |
| 5 | 48 | 30 | 2 1/4 | 3/4 | 1 | 6 | 18 5/8 | 5 1/8 | 13 1/8 | 6 1/8 | 7 1/4 | 18 | 4 | 8 | 21 3/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | 6 1/4 | | | | | | | 10.0 |

STANDARD SIGN

R3-8 (L) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

SHEET NO: 182 E

FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn PLOT DATE : 14-FEB 2023 3:02 PLOT BY : mscj9h PLOT NAME :

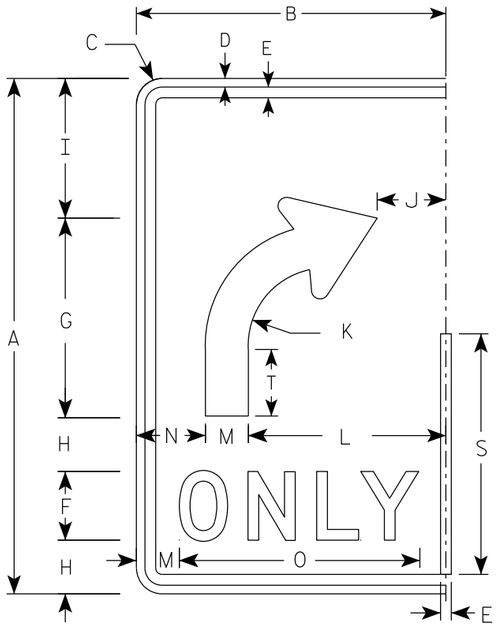
WISDOT/CADDS SHEET 42

7

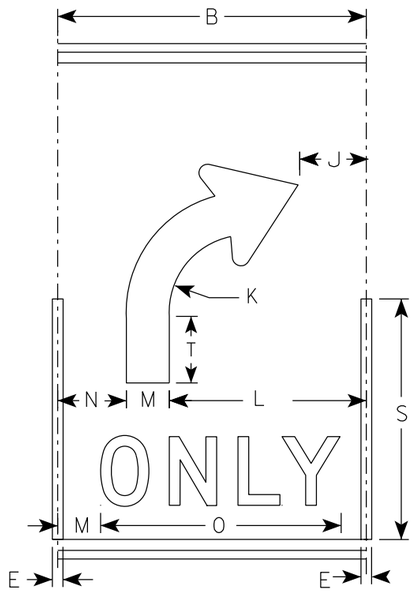
7

## NOTES

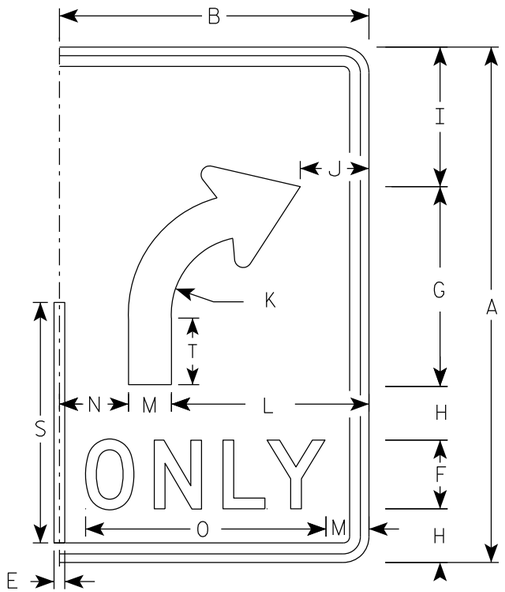
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



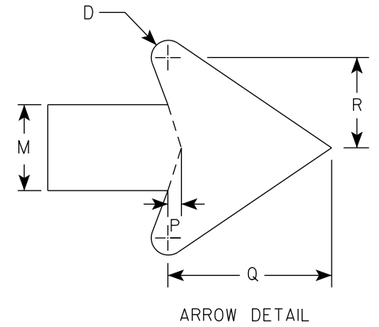

(R)




(R)




(R)




ARROW DETAIL

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 18 | 1 1/2 | 1/2 | 5/8 | 4 | 11 5/8 | 3 1/8 | 8 1/8 | 4 | 4 1/2 | 11 1/2 | 2 1/2 | 4 | 14 | 3/8 | 4 3/4 | 2 5/8 | 14 | 3 7/8 | | | | | | | 3.75 |
| 2M | 30 | 18 | 1 1/2 | 1/2 | 5/8 | 4 | 11 5/8 | 3 1/8 | 8 1/8 | 4 | 4 1/2 | 11 1/2 | 2 1/2 | 4 | 14 | 3/8 | 4 3/4 | 2 5/8 | 14 | 3 7/8 | | | | | | | 3.75 |
| 3 | 36 | 24 | 1 1/2 | 1/2 | 5/8 | 5 | 14 | 3 1/2 | 9 3/4 | 6 | 5 3/8 | 15 | 3 | 6 | 17 5/8 | 1/2 | 5 3/4 | 3 1/8 | 16 3/4 | 4 5/8 | | | | | | | 6.0 |
| 4 | 48 | 30 | 2 1/4 | 3/4 | 1 | 6 | 18 5/8 | 5 1/8 | 13 1/8 | 6 1/8 | 7 1/4 | 18 | 4 | 8 | 21 3/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | 6 1/4 | | | | | | | 10.0 |
| 5 | 48 | 30 | 2 1/4 | 3/4 | 1 | 6 | 18 5/8 | 5 1/8 | 13 1/8 | 6 1/8 | 7 1/4 | 18 | 4 | 8 | 21 3/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | 6 1/4 | | | | | | | 10.0 |

STANDARD SIGN

R3-8 (R) Arrow

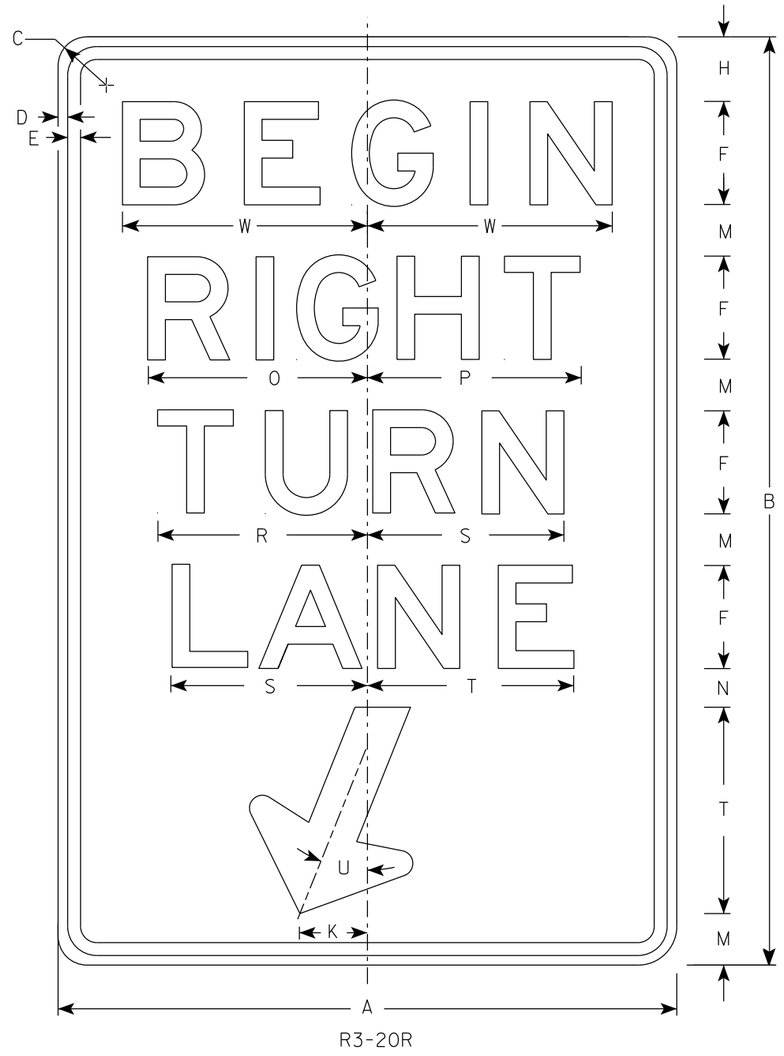
*WISCONSIN DEPT OF TRANSPORTATION*

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

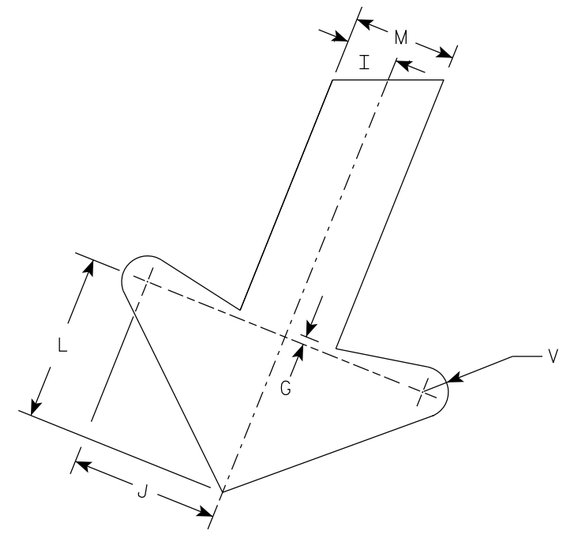
SHEET NO: 183 **E**




R3-20R

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E




ARROW DETAIL

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 24 | 36 | 1 1/2 | 3/8 | 1/2 | 4 | 1/4 | 2 1/2 | 1 | 2 7/8 | 2 5/8 | 3 1/4 | 2 | 1 1/2 | 8 1/2 | 8 1/4 | | 8 1/8 | 7 5/8 | 8 | 22° | 1/2 | 9 1/2 | | | | 6.0 |
| 2M | 24 | 36 | 1 1/2 | 3/8 | 1/2 | 4 | 1/4 | 2 1/2 | 1 | 2 7/8 | 2 5/8 | 3 1/4 | 2 | 1 1/2 | 8 1/2 | 8 1/4 | | 8 1/8 | 7 5/8 | 8 | 22° | 1/2 | 9 1/2 | | | | 6.0 |
| 3 | 36 | 54 | 1 7/8 | 1/2 | 5/8 | 6 | 3/8 | 3 3/4 | 1 1/2 | 4 1/4 | 4 | 4 7/8 | 3 | 2 1/4 | 12 3/4 | 12 1/2 | | 12 1/4 | 11 1/2 | 12 | 22° | 3/4 | 13 1/4 | | | | 13.5 |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

STANDARD SIGN
R3-20R

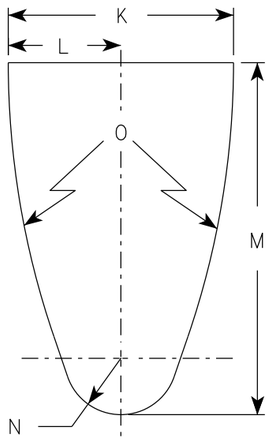
WISCONSIN DEPT OF TRANSPORTATION

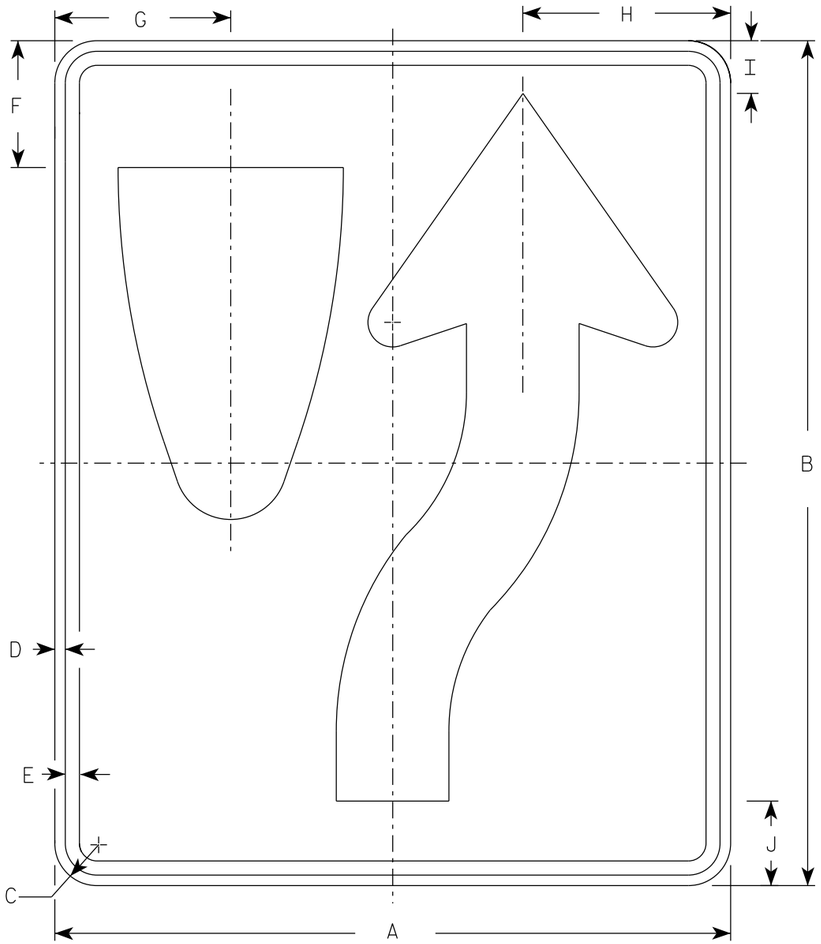
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20R.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 184 | E

## DIVIDER DETAIL



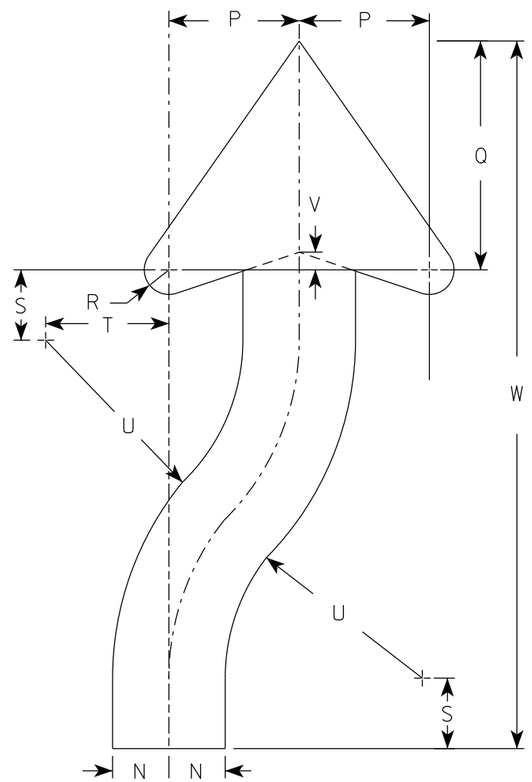




R4-7

## NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. R4-8 is the same as R4-7 except Legend is reversed.

## ARROW DETAIL




| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 18 | 24 | 1 1/2 | 3/8 | 1/2 | 3 3/8 | 4 3/4 | 5 1/2 | 1 3/8 | 2 1/4 | 6 | 3 | 9 3/8 | 1 1/2 | 22 1/2 | 3 1/2 | 6 1/8 | 5/8 | 1 7/8 | 3 1/4 | 6 3/4 | 1/2 | 20 3/8 | | | | 3.0 |
| 2S | 24 | 30 | 1 1/2 | 3/8 | 1/2 | 4 1/2 | 6 1/4 | 7 3/8 | 1 7/8 | 3 | 8 | 4 | 12 1/2 | 2 | 30 | 4 5/8 | 8 1/8 | 7/8 | 2 1/2 | 4 3/8 | 9 | 5/8 | 25 1/8 | | | | 5.0 |
| 2M | 24 | 30 | 1 1/2 | 3/8 | 1/2 | 4 1/2 | 6 1/4 | 7 3/8 | 1 7/8 | 3 | 8 | 4 | 12 1/2 | 2 | 30 | 4 5/8 | 8 1/8 | 7/8 | 2 1/2 | 4 3/8 | 9 | 5/8 | 25 1/8 | | | | 5.0 |
| 3 | 36 | 48 | 1 7/8 | 1/2 | 5/8 | 6 3/4 | 9 3/8 | 11 1/8 | 2 7/8 | 4 1/2 | 12 | 6 | 18 3/4 | 3 | 45 | 6 7/8 | 12 1/4 | 1 1/4 | 3 3/4 | 6 5/8 | 13 1/2 | 1 | 40 3/4 | | | | 12.0 |
| 4 | 36 | 48 | 1 7/8 | 1/2 | 5/8 | 6 3/4 | 9 3/8 | 11 1/8 | 2 7/8 | 4 1/2 | 12 | 6 | 18 3/4 | 3 | 45 | 6 7/8 | 12 1/4 | 1 1/4 | 3 3/4 | 6 5/8 | 13 1/2 | 1 | 40 3/4 | | | | 12.0 |
| 5 | 48 | 60 | 3 | 3/4 | 1 | 9 | 12 1/2 | 14 3/4 | 3 3/4 | 6 | 16 | 8 | 25 | 4 | 60 | 9 1/4 | 16 1/4 | 1 5/8 | 5 | 8 3/4 | 18 | 1 1/4 | 50 1/4 | | | | 20.0 |

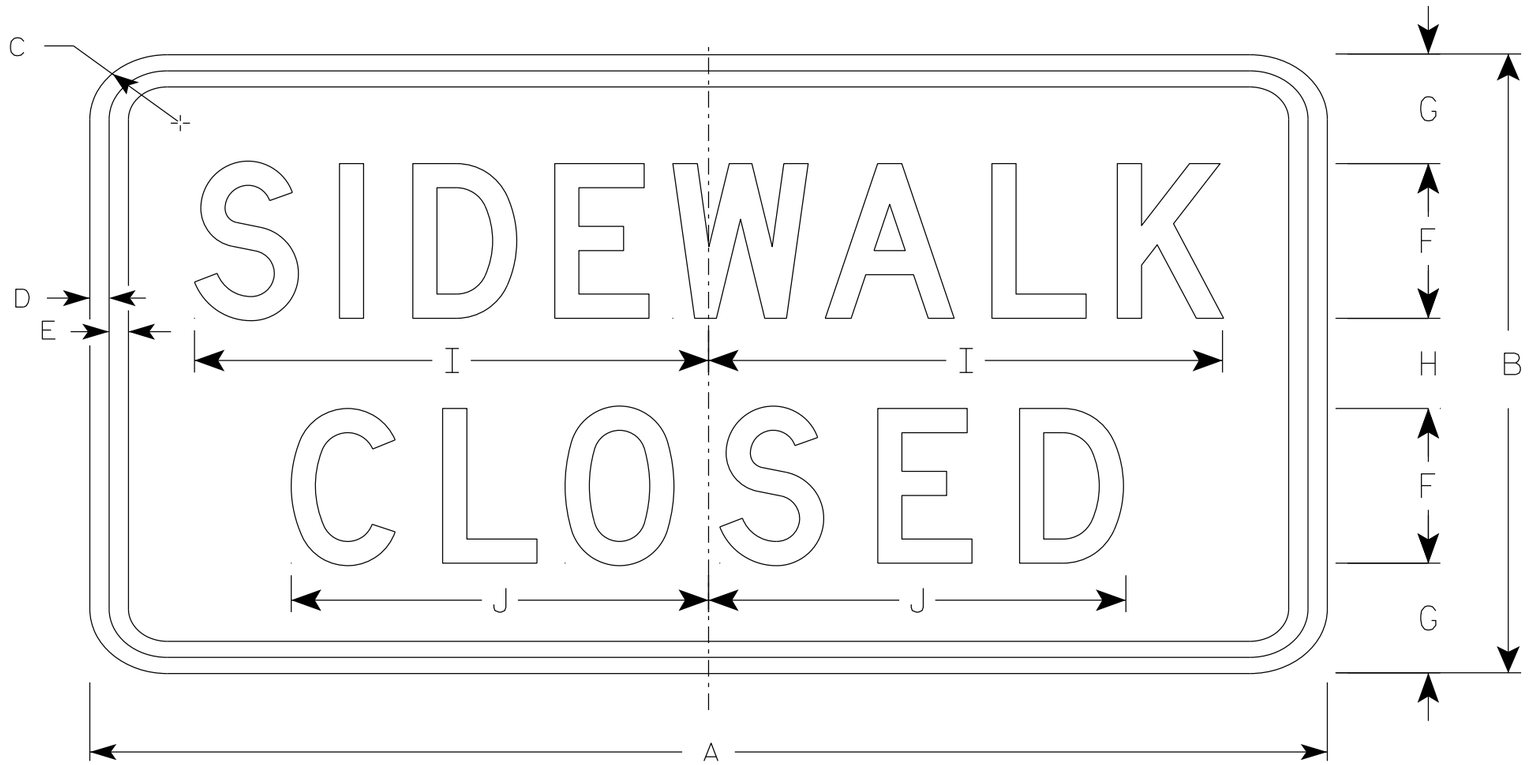
# STANDARD SIGN
# R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 8/17/23 PLATE NO. R4-7.9

| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 185 | E |
|---|---|---|---|---|---|




R9-9

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 24 | 12 | 1 ½ | ½ | ½ | 3 | 2 ⅛ | 1 ¾ | 10 | 8 ⅛ | | | | | | | | | | | | | | | | | 2.0 |
| 2M | 24 | 12 | 1 ½ | ½ | ½ | 3 | 2 ⅛ | 1 ¾ | 10 | 8 ⅛ | | | | | | | | | | | | | | | | | 2.0 |
| 3 | 30 | 18 | 1 ½ | ½ | ½ | 4 | 3 ½ | 3 | 12 ½ | 10 ¼ | | | | | | | | | | | | | | | | | 3.75 |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

STANDARD SIGN
R9-9

WISCONSIN DEPT OF TRANSPORTATION

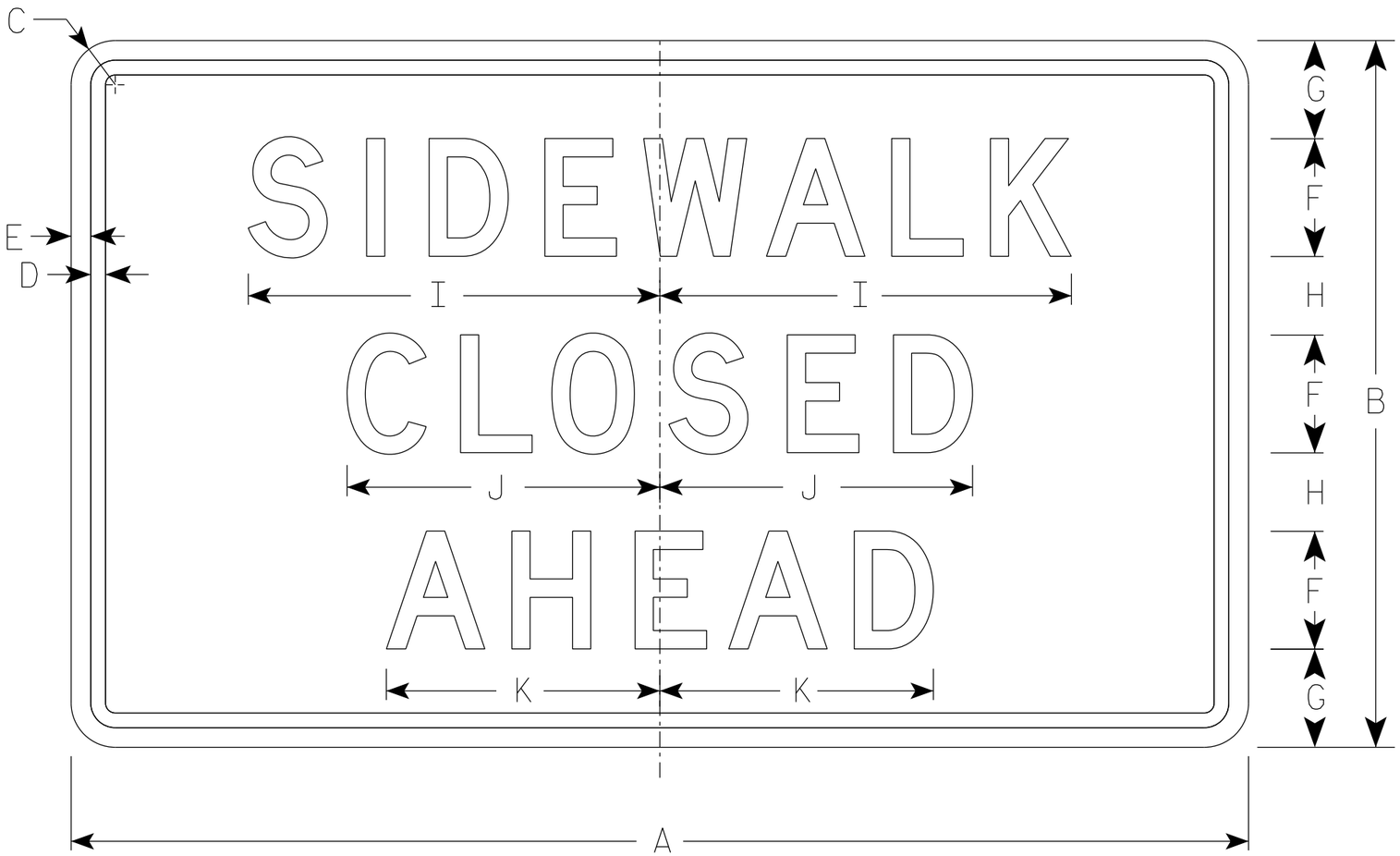
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 186 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D




R9-9A

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 18 | 1 ½ | ⅜ | ½ | 3 | 2 ½ | 2 | 10 ½ | 8 | 7 | | | | | | | | | | | | | | | | 3.75 |
| 2M | 30 | 18 | 1 ½ | ⅜ | ½ | 3 | 2 ½ | 2 | 10 ½ | 8 | 7 | | | | | | | | | | | | | | | | 3.75 |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

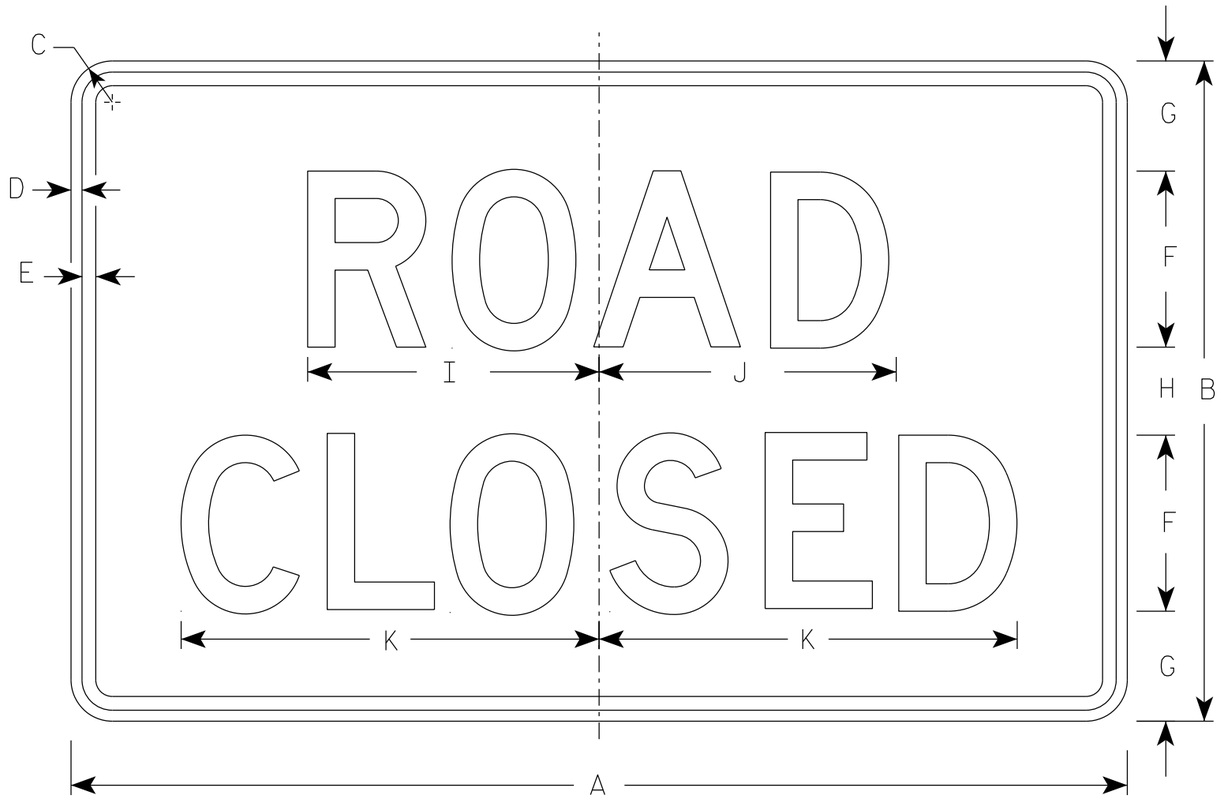
STANDARD SIGN
R9-9A

*WISCONSIN DEPT OF TRANSPORTATION*

APPROVED Matthew R Rauch
*for* State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9A.2

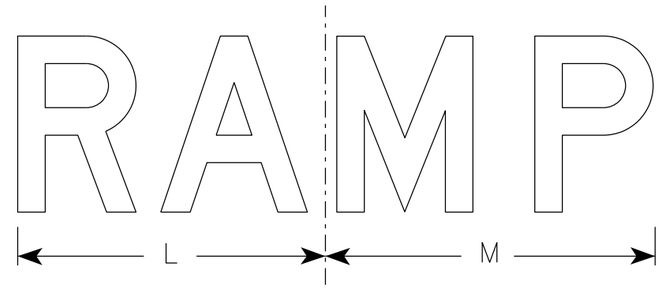
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 187 | E



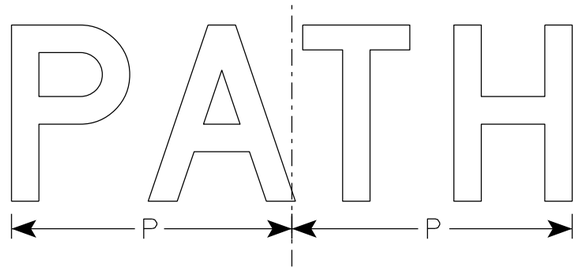

R11-2

NOTES

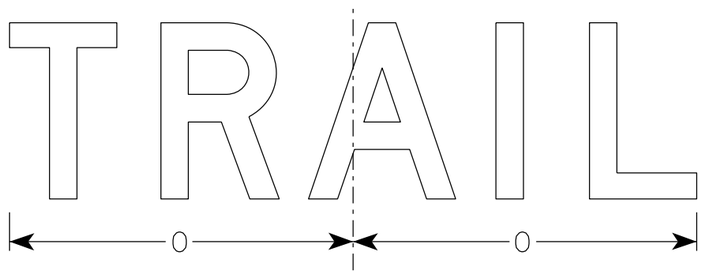
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



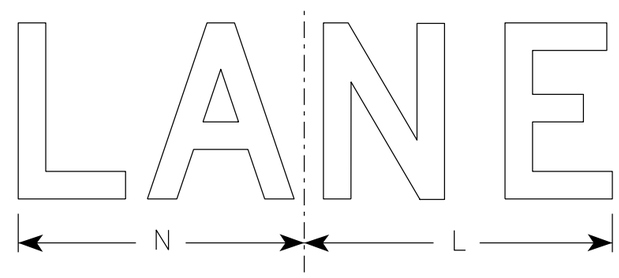

R11-2R




R11-2C




R11-2T




R11-2L

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 48 | 30 | 1 7/8 | 1/2 | 5/8 | 8 | 5 | 4 | 13 1/4 | 13 1/2 | 19 | 14 | 15 | 13 | 15 5/8 | 12 3/4 | | | | | | | | | | | 10.0 |
| 2M | 48 | 30 | 1 7/8 | 1/2 | 5/8 | 8 | 5 | 4 | 13 1/4 | 13 1/2 | 19 | 14 | 15 | 13 | 15 5/8 | 12 3/4 | | | | | | | | | | | 10.0 |
| 3 | 48 | 30 | 1 7/8 | 1/2 | 5/8 | 8 | 5 | 4 | 13 1/4 | 13 1/2 | 19 | 14 | 15 | 13 | 15 5/8 | 12 3/4 | | | | | | | | | | | 10.0 |
| 4 | 48 | 30 | 1 7/8 | 1/2 | 5/8 | 8 | 5 | 4 | 13 1/4 | 13 1/2 | 19 | 14 | 15 | 13 | 15 5/8 | 12 3/4 | | | | | | | | | | | 10.0 |
| 5 | 48 | 30 | 1 7/8 | 1/2 | 5/8 | 8 | 5 | 4 | 13 1/4 | 13 1/2 | 19 | 14 | 15 | 13 | 15 5/8 | 12 3/4 | | | | | | | | | | | 10.0 |

STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

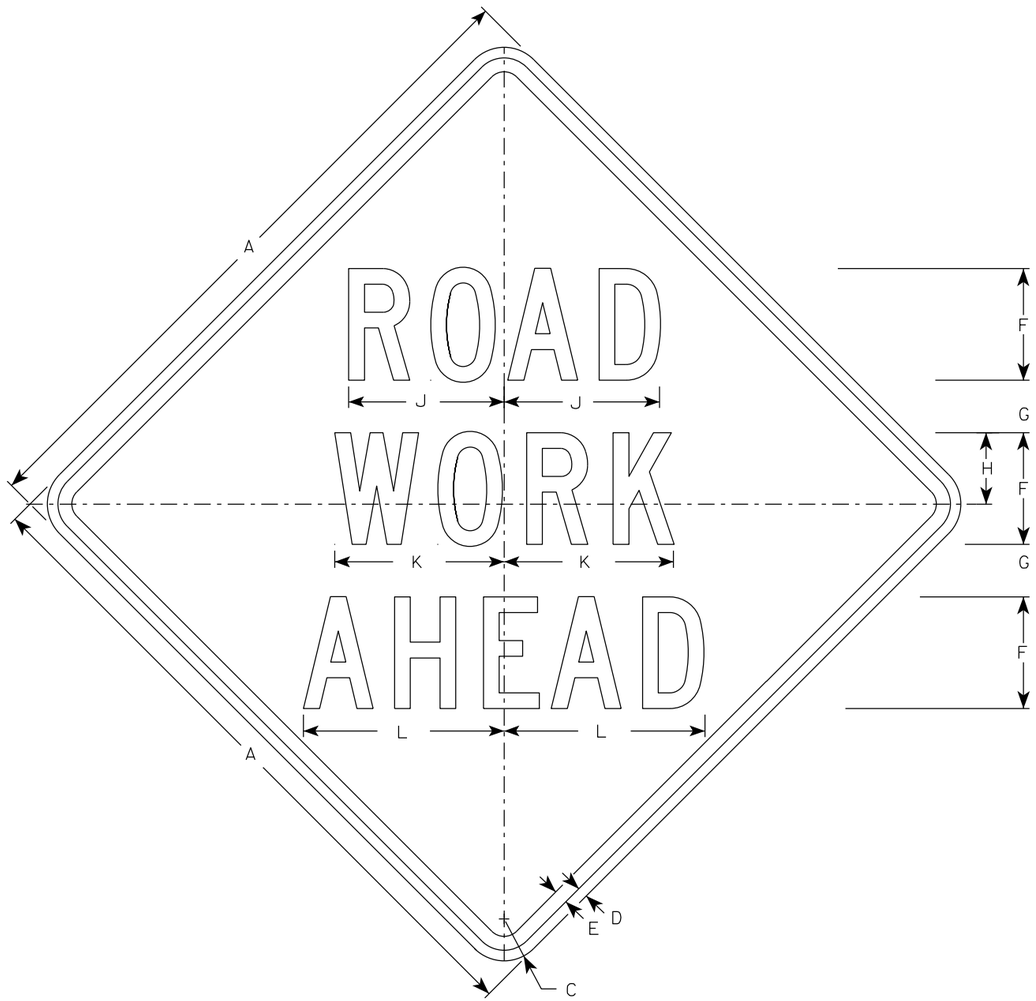
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/3/26 PLATE NO. R11-2.13

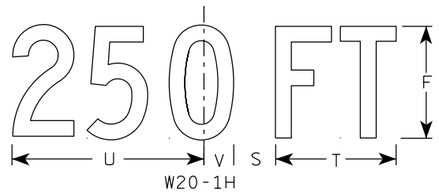
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

NOTES

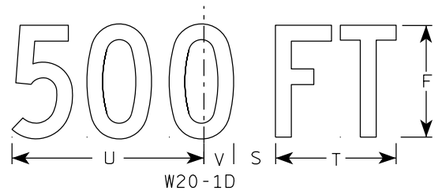
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.




W20-1A



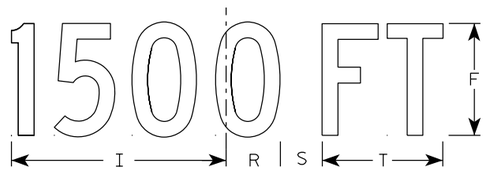

W20-1H



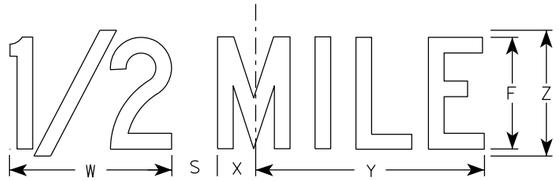

W20-1D



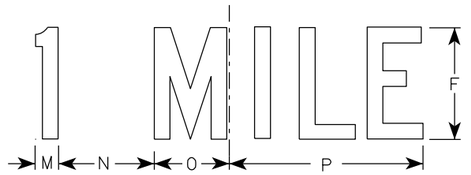

W20-1C



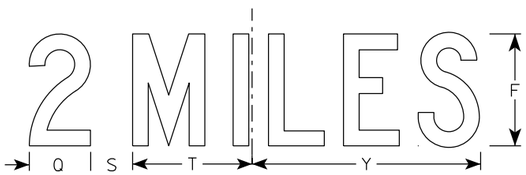

W20-1B




W20-1G




W20-1F




W20-1E

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 36 | | 2 1/4 | 5/8 | 3/4 | 5 | 2 5/8 | 3 1/4 | 10 1/8 | 7 | 7 5/8 | 8 7/8 | 1 1/8 | 4 1/2 | 3 1/2 | 9 | 3 1/4 | 2 1/2 | 2 1/4 | 5 5/8 | 9 | 1 3/8 | 8 | 1 3/4 | 10 3/4 | 6 | 9.0 |
| 2S | 48 | | 3 | 3/4 | 1 | 8 | 3 3/4 | 5 1/8 | 15 3/8 | 11 1/8 | 12 1/8 | 14 3/8 | 1 5/8 | 6 7/8 | 5 3/8 | 13 7/8 | 4 3/8 | 3 7/8 | 3 | 8 5/8 | 13 3/4 | 2 1/8 | 11 7/8 | 2 3/4 | 16 3/8 | 9 | 16.0 |
| 2M | 48 | | 3 | 3/4 | 1 | 8 | 3 3/4 | 5 1/8 | 15 3/8 | 11 1/8 | 12 1/8 | 14 3/8 | 1 5/8 | 6 7/8 | 5 3/8 | 13 7/8 | 4 3/8 | 3 7/8 | 3 | 8 5/8 | 13 3/4 | 2 1/8 | 11 7/8 | 2 3/4 | 16 3/8 | 9 | 16.0 |
| 3 | 48 | | 3 | 3/4 | 1 | 8 | 3 3/4 | 5 1/8 | 15 3/8 | 11 1/8 | 12 1/8 | 14 3/8 | 1 5/8 | 6 7/8 | 5 3/8 | 13 7/8 | 4 3/8 | 3 7/8 | 3 | 8 5/8 | 13 3/4 | 2 1/8 | 11 7/8 | 2 3/4 | 16 3/8 | 9 | 16.0 |
| 4 | 48 | | 3 | 3/4 | 1 | 8 | 3 3/4 | 5 1/8 | 15 3/8 | 11 1/8 | 12 1/8 | 14 3/8 | 1 5/8 | 6 7/8 | 5 3/8 | 13 7/8 | 4 3/8 | 3 7/8 | 3 | 8 5/8 | 13 3/4 | 2 1/8 | 11 7/8 | 2 3/4 | 16 3/8 | 9 | 16.0 |
| 5 | 48 | | 3 | 3/4 | 1 | 8 | 3 3/4 | 5 1/8 | 15 3/8 | 11 1/8 | 12 1/8 | 14 3/8 | 1 5/8 | 6 7/8 | 5 3/8 | 13 7/8 | 4 3/8 | 3 7/8 | 3 | 8 5/8 | 13 3/4 | 2 1/8 | 11 7/8 | 2 3/4 | 16 3/8 | 9 | 16.0 |

STANDARD SIGN
W20-1A, B, C, D, E, F, G & H

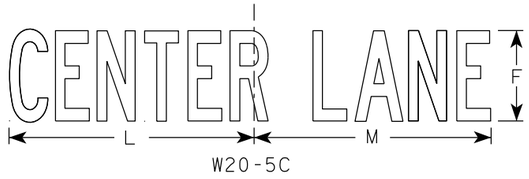
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

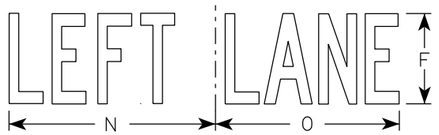
DATE 1/10/2024 PLATE NO. W20-1.12

PROJECT NO:

SHEET NO: 189 E



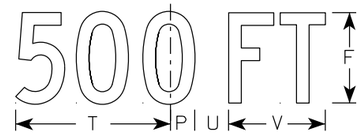

W20-5C



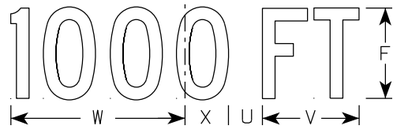

W20-5L



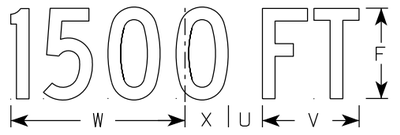

W20-5R



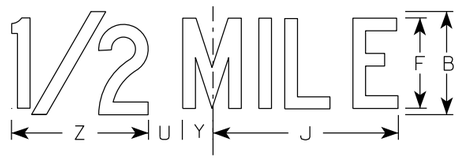

W20-5CD
W20-5LD
W20-5RD




W20-5CE
W20-5LE
W20-5RE




W20-5CB
W20-5LB
W20-5RB




W20-5CG
W20-5LG
W20-5RG




W20-5CF
W20-5LF
W20-5RF

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. " _____ LANE" is Series B.
   All other copy is Series C.

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 36 | 6 | 2 1/4 | 5/8 | 3/4 | 5 | 7/8 | 2 1/2 | 13 1/8 | 10 3/4 | 9 1/2 | 14 1/4 | 13 5/8 | 12 | 12 | 1 3/8 | 1 1/8 | 4 1/2 | 3 1/2 | 9 | 1 7/8 | 5 5/8 | 10 1/8 | 2 1/2 | 1 3/4 | 8 | 9.0 |
| 2S | 48 | 8 | 3 | 3/4 | 1 | 7 | 1 1/4 | 3 1/4 | 17 1/2 | 14 3/8 | 12 5/8 | 19 | 18 3/8 | 16 | 14 1/4 | 1 7/8 | 1 1/2 | 6 | 4 5/8 | 12 | 2 5/8 | 7 1/2 | 13 1/2 | 3 3/8 | 2 3/8 | 10 5/8 | 16.0 |
| 2M | 48 | 8 | 3 | 3/4 | 1 | 7 | 1 1/4 | 3 1/4 | 17 1/2 | 14 3/8 | 12 5/8 | 19 | 18 3/8 | 16 | 14 1/4 | 1 7/8 | 1 1/2 | 6 | 4 5/8 | 12 | 2 5/8 | 7 1/2 | 13 1/2 | 3 3/8 | 2 3/8 | 10 5/8 | 16.0 |
| 3 | 48 | 8 | 3 | 3/4 | 1 | 7 | 1 1/4 | 3 1/4 | 17 1/2 | 14 3/8 | 12 5/8 | 19 | 18 3/8 | 16 | 14 1/4 | 1 7/8 | 1 1/2 | 6 | 4 5/8 | 12 | 2 5/8 | 7 1/2 | 13 1/2 | 3 3/8 | 2 3/8 | 10 5/8 | 16.0 |
| 4 | 48 | 8 | 3 | 3/4 | 1 | 7 | 1 1/4 | 3 1/4 | 17 1/2 | 14 3/8 | 12 5/8 | 19 | 18 3/8 | 16 | 14 1/4 | 1 7/8 | 1 1/2 | 6 | 4 5/8 | 12 | 2 5/8 | 7 1/2 | 13 1/2 | 3 3/8 | 2 3/8 | 10 5/8 | 16.0 |
| 5 | 48 | 8 | 3 | 3/4 | 1 | 7 | 1 1/4 | 3 1/4 | 17 1/2 | 14 3/8 | 12 5/8 | 19 | 18 3/8 | 16 | 14 1/4 | 1 7/8 | 1 1/2 | 6 | 4 5/8 | 12 | 2 5/8 | 7 1/2 | 13 1/2 | 3 3/8 | 2 3/8 | 10 5/8 | 16.0 |

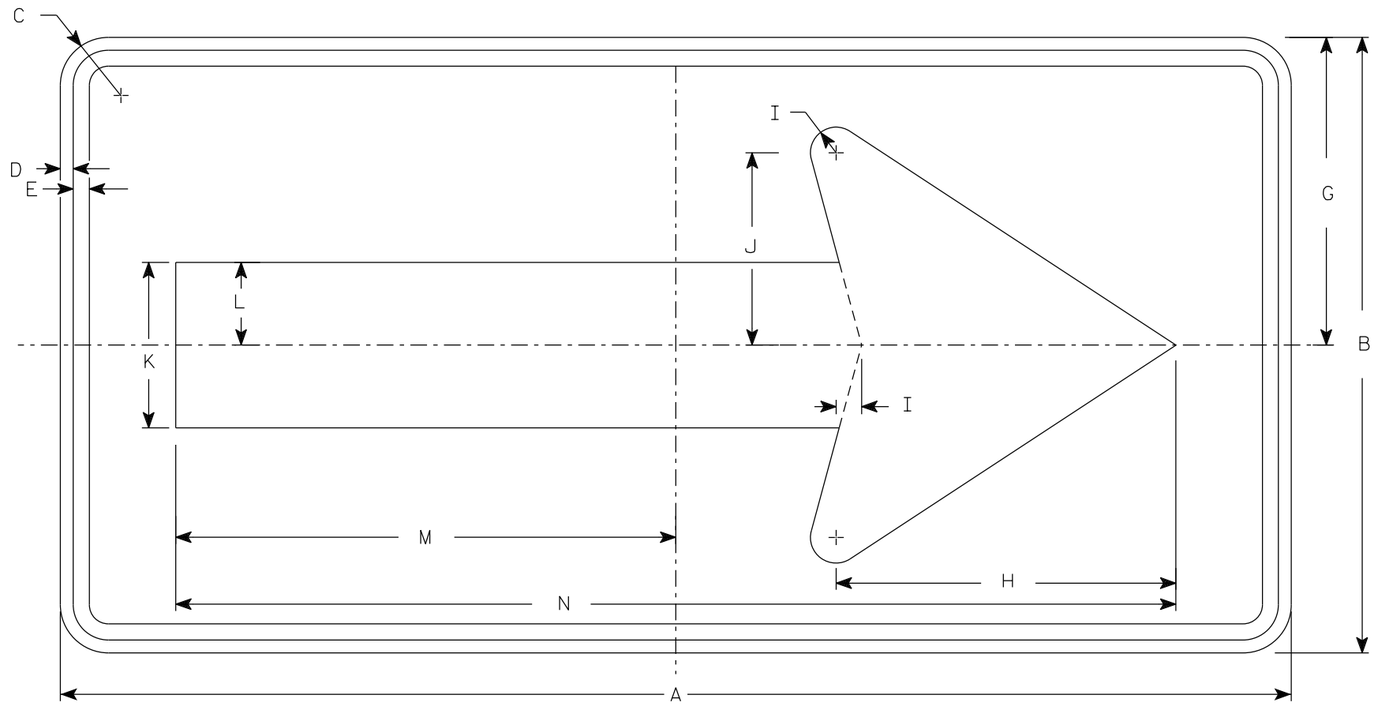
STANDARD SIGN
W20-5C,L,R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/23/26 PLATE NO. W20-5.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 190 E




WO1-6

## NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 48 | 24 | 1 7/8 | 1/2 | 5/8 | | 12 | 13 1/4 | 1 | 7 1/2 | 6 1/2 | 3 1/4 | 19 1/2 | 39 | | | | | | | | | | | | | 8.0 |
| 2M | 48 | 24 | 1 7/8 | 1/2 | 5/8 | | 12 | 13 1/4 | 1 | 7 1/2 | 6 1/2 | 3 1/4 | 19 1/2 | 39 | | | | | | | | | | | | | 8.0 |
| 3 | 60 | 30 | 1 7/8 | 1/2 | 5/8 | | 15 | 16 1/4 | 1 1/4 | 9 1/4 | 8 | 4 | 24 3/8 | 48 3/4 | | | | | | | | | | | | | 12.5 |
| 4 | 60 | 30 | 1 7/8 | 1/2 | 5/8 | | 15 | 16 1/4 | 1 1/4 | 9 1/4 | 8 | 4 | 24 3/8 | 48 3/4 | | | | | | | | | | | | | 12.5 |
| 5 | 60 | 30 | 1 7/8 | 1/2 | 5/8 | | 15 | 16 1/4 | 1 1/4 | 9 1/4 | 8 | 4 | 24 3/8 | 48 3/4 | | | | | | | | | | | | | 12.5 |

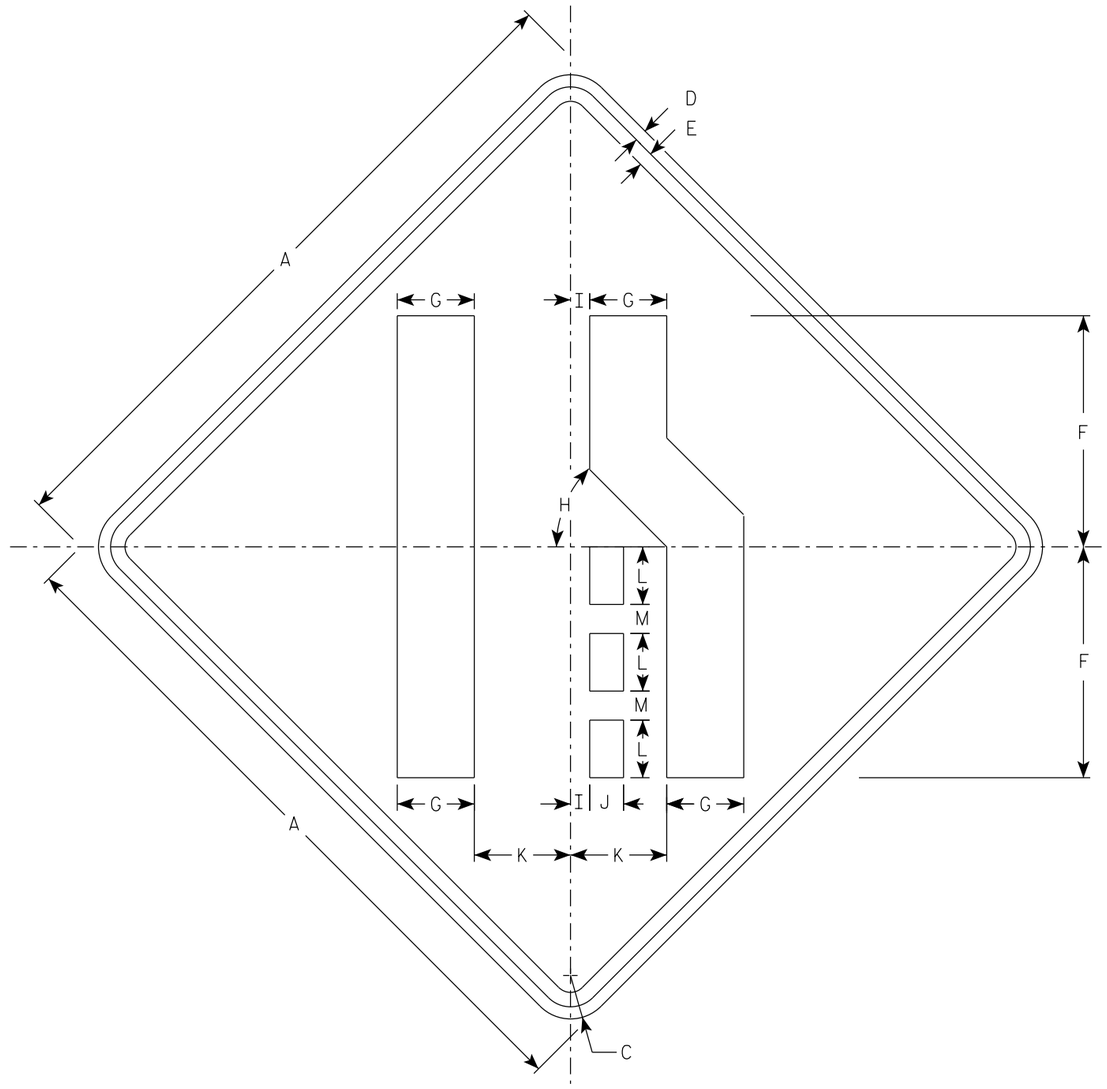
STANDARD SIGN
WO1-6

*WISCONSIN DEPT OF TRANSPORTATION*

APPROVED Matthew R Rauch
*for* State Traffic Engineer

DATE 1/24/2024 PLATE NO. WO1-6.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E




W04-2R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W04-2L is the same as W04-2R except the symbol is reversed along the vertical centerline.

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 36 | | 2 1/4 | 5/8 | 3/4 | 12 | 4 | 45° | 1 | 1 3/4 | 5 | 3 | 1 1/2 | | | | | | | | | | | | | | 9.0 |
| 2S | 48 | | 3 | 3/4 | 1 | 16 | 5 3/8 | 45° | 1 1/4 | 2 3/8 | 6 3/4 | 4 | 2 | | | | | | | | | | | | | | 16.0 |
| 2M | 48 | | 3 | 3/4 | 1 | 16 | 5 3/8 | 45° | 1 1/4 | 2 3/8 | 6 3/4 | 4 | 2 | | | | | | | | | | | | | | 16.0 |
| 3 | 48 | | 3 | 3/4 | 1 | 16 | 5 3/8 | 45° | 1 1/4 | 2 3/8 | 6 3/4 | 4 | 2 | | | | | | | | | | | | | | 16.0 |
| 4 | 48 | | 3 | 3/4 | 1 | 16 | 5 3/8 | 45° | 1 1/4 | 2 3/8 | 6 3/4 | 4 | 2 | | | | | | | | | | | | | | 16.0 |
| 5 | 48 | | 3 | 3/4 | 1 | 16 | 5 3/8 | 45° | 1 1/4 | 2 3/8 | 6 3/4 | 4 | 2 | | | | | | | | | | | | | | 16.0 |

STANDARD SIGN
W04-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/25/2024 PLATE NO. W04-2.2

PROJECT NO:

SHEET NO: E

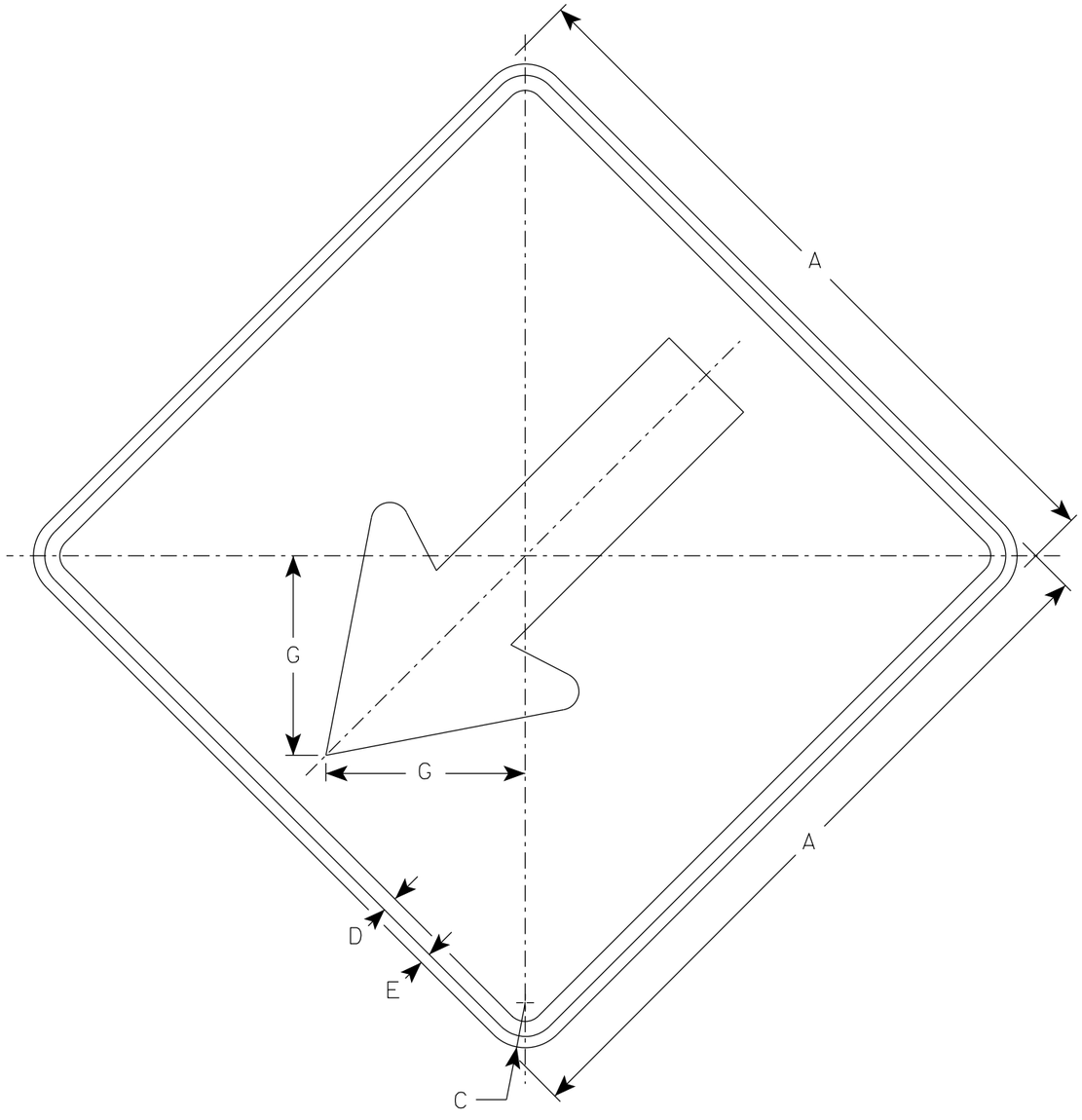


FILE NAME : C:\Users\PROJECTS\tr_stdplate\W042.dgn PLOT DATE : 25-JAN 2024 9:07 PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

7

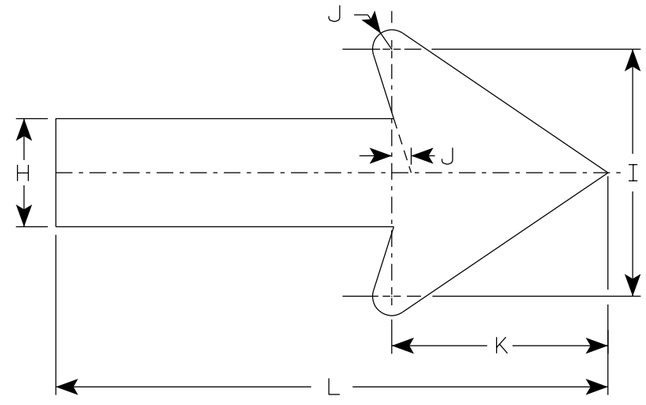
7




WO12-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.




ARROW DETAIL

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24 | | 1 1/2 | 1/2 | 3/8 | | 6 5/8 | 3 1/2 | 8 | 5/8 | 7 | 18 | | | | | | | | | | | | | | | 4.0 |
| 2S | 24 | | 1 1/2 | 1/2 | 3/8 | | 6 5/8 | 3 1/2 | 8 | 5/8 | 7 | 18 | | | | | | | | | | | | | | | 4.0 |
| 2M | 24 | | 1 1/2 | 1/2 | 3/8 | | 6 5/8 | 3 1/2 | 8 | 5/8 | 7 | 18 | | | | | | | | | | | | | | | 4.0 |
| 3 | 30 | | 1 7/8 | 5/8 | 1/2 | | 8 1/4 | 4 3/8 | 10 | 3/4 | 8 3/4 | 22 3/8 | | | | | | | | | | | | | | | 6.25 |
| 4 | 36 | | 2 1/4 | 3/4 | 5/8 | | 10 3/8 | 5 1/2 | 12 1/2 | 1 | 11 | 27 7/8 | | | | | | | | | | | | | | | 9.0 |
| 5 | 36 | | 2 1/4 | 3/4 | 5/8 | | 10 3/8 | 5 1/2 | 12 1/2 | 1 | 11 | 27 7/8 | | | | | | | | | | | | | | | 9.0 |

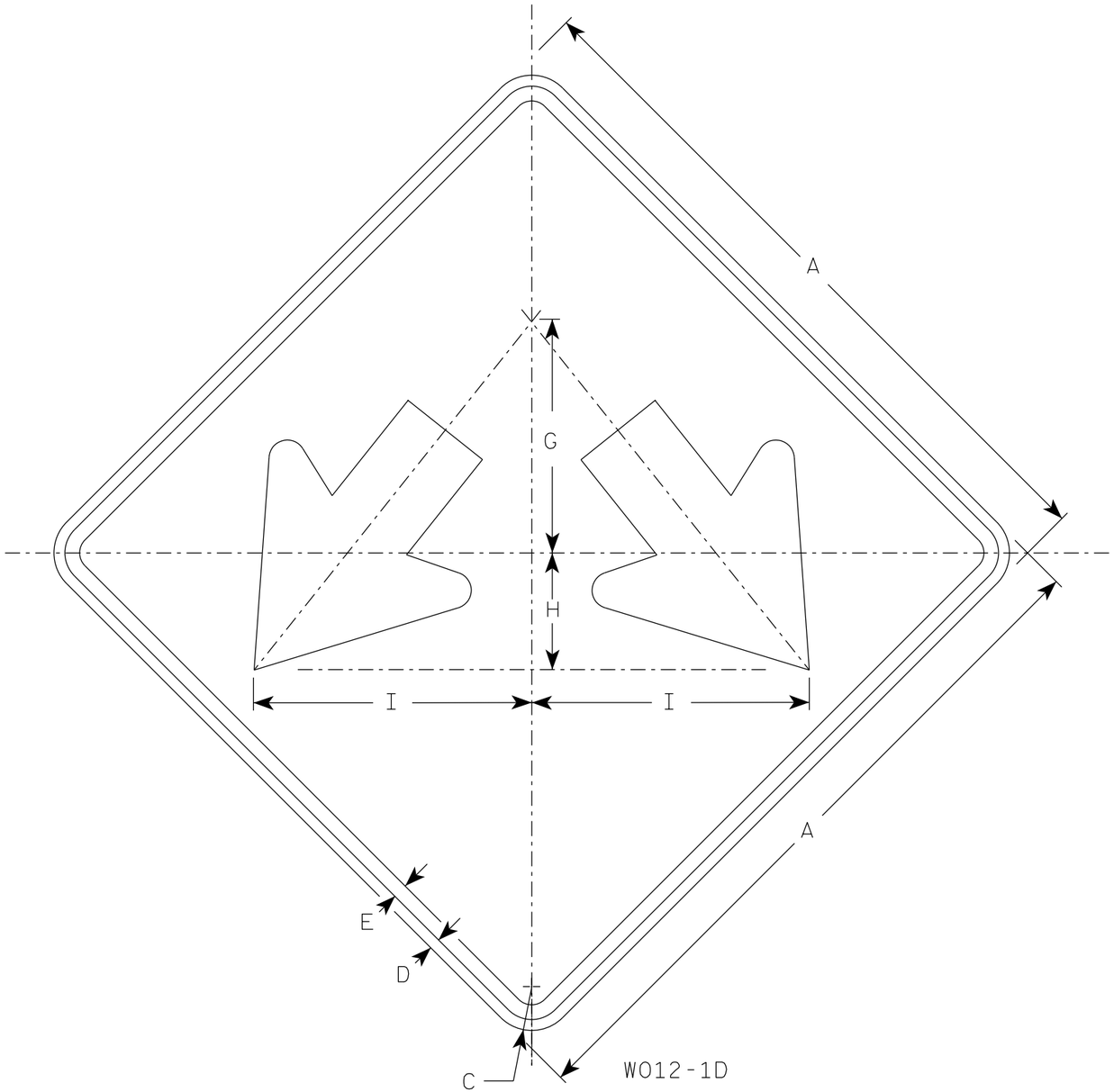
STANDARD SIGN
WO12-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/2024 PLATE NO. WO12-1.3

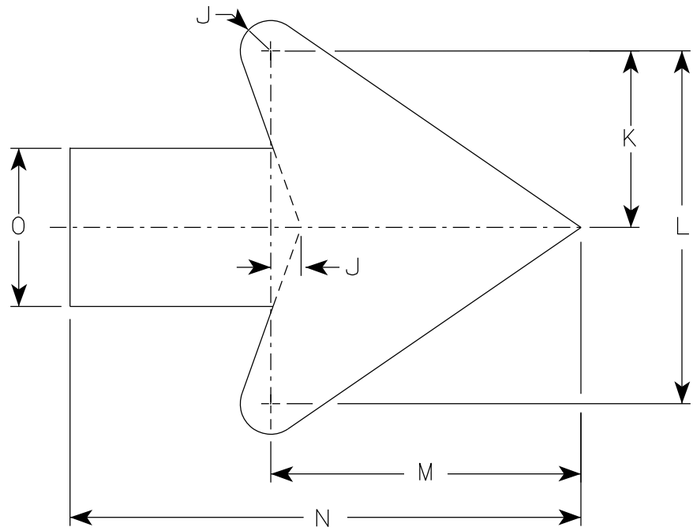
| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 193 | E |
|---|---|---|---|---|---|




W012-1D

## NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.




Arrow Detail

| SIZE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24 | | 1 1/2 | 1/2 | 3/8 | | 8 | 4 | 9 1/2 | 3/8 | 3 3/8 | 7 1/4 | 6 3/8 | 10 3/8 | 3 1/4 | | | | | | | | | | | | 4.0 |
| 2S | 24 | | 1 1/2 | 1/2 | 3/8 | | 8 | 4 | 9 1/2 | 3/8 | 3 3/8 | 7 1/4 | 6 3/8 | 10 3/8 | 3 1/4 | | | | | | | | | | | | 4.0 |
| 2M | 24 | | 1 1/2 | 1/2 | 3/8 | | 8 | 4 | 9 1/2 | 3/8 | 3 3/8 | 7 1/4 | 6 3/8 | 10 3/8 | 3 1/4 | | | | | | | | | | | | 4.0 |
| 3 | 30 | | 1 7/8 | 1/2 | 5/8 | | 10 | 5 | 11 7/8 | 3/4 | 4 1/2 | 9 | 7 7/8 | 13 | 4 | | | | | | | | | | | | 6.25 |
| 4 | 36 | | 2 1/4 | 1/2 | 5/8 | | 12 | 6 | 14 1/4 | 1 | 5 1/2 | 10 7/8 | 9 5/8 | 15 3/4 | 4 3/4 | | | | | | | | | | | | 9.0 |
| 5 | 36 | | 2 1/4 | 1/2 | 5/8 | | 12 | 6 | 14 1/4 | 1 | 5 1/2 | 10 7/8 | 9 5/8 | 15 3/4 | 4 3/4 | | | | | | | | | | | | 9.0 |

STANDARD SIGN
W012-1D

*WISCONSIN DEPT OF TRANSPORTATION*

APPROVED Matthew R Rauch
*for* State Traffic Engineer

DATE 2/1/2024 PLATE NO. W012-1D.3

| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 194 | E |
|---|---|---|---|---|---|

Notes

**Wisconsin Department of Transportation**

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov