MAD

Jan 11, 2022

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 = 160

PROJECT ID: 6998-05-05 / 6998-05-06

WITH: N/A

COUNTY: DODGE

16

# STATE OF WISCONSIN
# DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

# CITY WAUPUN, S MADISON STREET

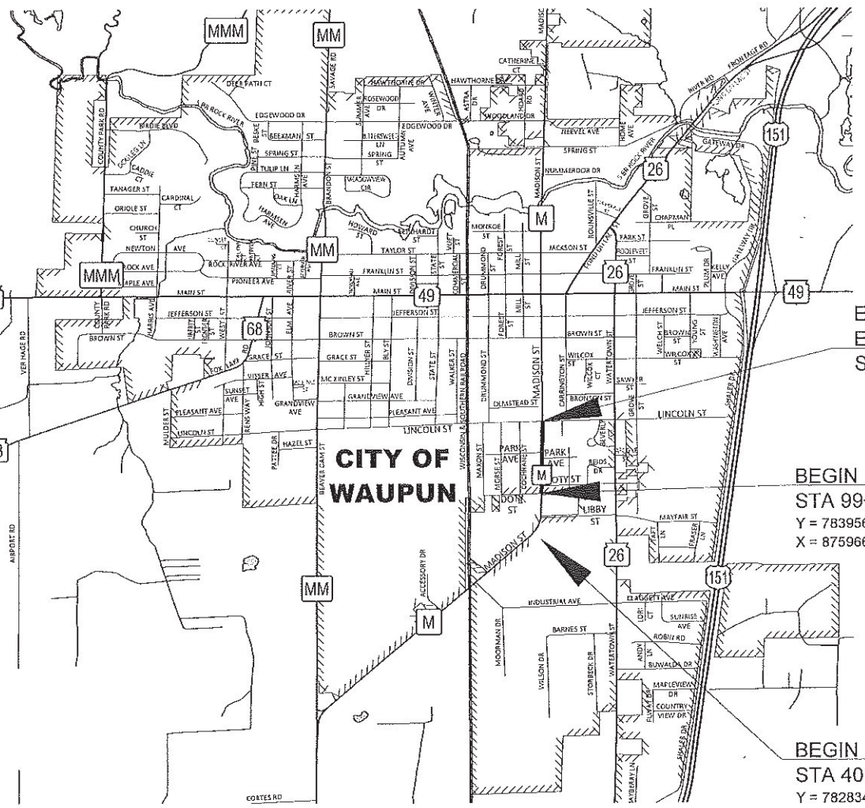
DOTY STREET TO E LINCOLN STREET

## LOCAL STREET

## DODGE COUNTY

| STATE PROJECT | FEDERAL PROJECT | |
|---|---|---|
| | PROJECT | CONTRACT |
| 6998-05-05 | WISC W032101 | 1 |
| 6998-05-06 | | |
| | | |
| | | |

| ROADWAY | SANITARY SEWER & WATER MAIN |
|---|---|
| STATE PROJECT NUMBER | STATE PROJECT NUMBER |
| 6998-05-05 | 6998-05-06 |




END PROJECT 6998-05-05
END PROJECT 6998-05-06
STA 113+00.00

BEGIN PROJECT 6998-05-05
STA 99+80.00
Y = 783956.132
X = 875966.059

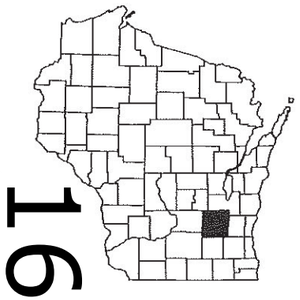
BEGIN PROJECT 6998-05-06
STA 401+58.69
Y = 782834.844
X = 875967.911

LAYOUT

SCALE 0 0.5 MI

TOTAL NET LENGTH OF CENTERLINE = 0.250 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), DODGE COUNTY, NAD83 ( 1991 ), 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 12A.



N

DESIGN DESIGNATION

| | | | |
|---|---|---|---|
| A.A.D.T. | 2021 | = | 2750 |
| A.A.D.T. | 2041 | = | 3325 |
| D.H.V. | | = | |
| D.D. | | = | 50/50 |
| T. | | = | 8.8% |
| DESIGN SPEED | | = | 30 MPH |
| ESALS | | = | 650,000 (CONCRETE) |

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 (SOLES)
- 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 (UNDERGROUND)
- FIBER OPTIC (UNDERGROUND)
- GAS (UNDERGROUND)
- OVERHEAD UTILITY
- SANITARY SEWER (UNDERGROUND)
- STORM SEWER (UNDERGROUND)
- TELEPHONE (UNDERGROUND)
- WATER (UNDERGROUND)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

ACCEPTED FOR

*CITY OF WAUPUN*

Date 7-13-21 JEFF DAANE, DIRECTOR OF PUBLIC WORKS

ORIGINAL PLANS PREPARED BY


GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac
85 South Pioneer Road, Suite 300 • Fond du Lac, WI 54935
(920) 924-5720 • fax (920) 924-5725


WISCONSIN JEFFREY A. CHVOSTA E-39047 SLINGER, WI PROFESSIONAL ENGINEER

DATE: 7/13/21

JEFFREY A. CHVOSTA

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

| | |
|---|---|
| Surveyor | GREMMER & ASSOCIATES, INC. |
| Designer | GREMMER & ASSOCIATES, INC. |
| Project Manager | ZACHARY PEARSON |
| Regional Examiner | SOUTHWEST REGION |
| Regional Supervisor | OSCAR WINGER |

APPROVED FOR THE DEPARTMENT

DATE: 07/19/2021 (Signature)

E

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-010101-TI.DWG PLOT DATE : 7/12/2021 3:51 PM PLOT BY : AARON SARAUER PLOT NAME :

## GENERAL NOTES

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.

A VERTICAL SAW CUT SHALL BE MADE THROUGH EXISTING DRIVEWAYS, SIDEWALKS AND PAVEMENTS AT THE REMOVAL LIMITS.

SAWCUT LOCATIONS SHOWN ON THE PLANS ARE SUBJECT TO ADJUSTMENT BY THE ENGINEER IN THE FIELD.

WHEN THE QUANTITY OF THE ITEMS OF BASE AGGREGATE DENSE OR HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TON, THE ASPHALTIC SURFACE DEPTH OR THICKNESS OF THE MATERIAL SHOWN ON THE PLAN IS APPROXIMATE, AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

HMA PAVEMENT AND ASPHALTIC SURFACE WEIGHT CALCULATIONS ARE BASED ON 112 LBS/SY-INCH.

THE EXACT LOCATION OF PRIVATE ENTRANCES IS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

4" TOPSOIL, SEED, FERTILIZER AND EROSION MAT SHALL BE PLACED ON ALL DISTURBED AREAS, EXCLUSIVE OF THE AREA OCCUPIED BY THE NEW PAVEMENTS, SIDEWALKS, ENTRANCES, AND RELATED STRUCTURES.

SECTIONS AS SHOWN ON THE CROSS-SECTIONS INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED.

CURB AND GUTTER RADII ARE SHOWN TO THE FLANGE OF CURB.

ROADWAY DIMENSIONS ARE SHOWN TO THE FLANGE OF CURB.

CONTRACTOR SHALL VERIFY EXISTING PIPE SIZES, MATERIALS AND INVERT ELEVATIONS WHEN CONNECTING NEW PIPES INTO EXISTING PIPES PRIOR TO MANUFACTURING MANHOLES, INLETS, CATCH BASINS OR OTHER STRUCTURES.

ROTATE MANHOLE COVERS TO MATCH LANE LINES OR CENTER OF LANE AS DIRECTED BY THE ENGINEER IN THE FIELD.

ALL CURB RAMPS SHALL BE 6-INCH THICK AND PAID FOR AS CONCRETE SIDEWALK 6-INCH.

½" FELT REQUIRED BETWEEN NEW CONCRETE AND EXISTING POWER POLES, LIGHT BASES, WATER VALVES, AND SIMILAR OBJECTS.

## ABBREVIATIONS

| | |
|---|---|
| AEW | APRON ENDWALL |
| AGG | AGGREGATE |
| AH | AHEAD |
| ASPH | ASPHALT |
| BK | BACK |
| BAD | BASE AGGREGATE DENSE |
| BM | BENCH MARK |
| CC | CENTER OF CURVATURE |
| CE | COMMERCIAL ENTRANCE |
| C&G | CURB AND GUTTER |
| C/L | CENTER OR CONSTRUCTION LINE |
| CONC | CONCRETE |
| CP | CULVERT PIPE |
| CPCM | CULVERT PIPE CORRUGATED METAL |
| CPCS | CULVERT PIPE CORRUGATED STEEL |
| CPRC | CULVERT PIPE REINFORCED CONCRETE |
| CSD | CONCRETE SURFACE DRAIN |
| CY | CUBIC YARD |
| D | DEGREE OF CURVE |
| Δ | DELTA |
| DISCH | DISCHARGE |
| E | EXTERNAL DISTANCE FROM MIDPOINT OF CIRCULAR CURVE FROM ANGLE INTERSECTION |
| EB | EASTBOUND |
| ELEV | ELEVATION |
| FE | FIELD ENTRANCE |
| HMA | HOT MIX ASPHALT |
| HP | HIGH POINT |
| HT | HEIGHT |
| INV | INVERT |
| L | LENGTH OF CURVE |
| LHF | LEFT HAND FORWARD |
| LP | LOW POINT |
| LT | LEFT |
| MAX | MAXIMUM |
| MIN | MINIMUM |
| M/L | MATCHLINE |
| NB | NORTHBOUND |
| NC | NORMAL CROWN |
| NOM | NOMINAL |
| NORM | NORMAL |
| PAVT | PAVEMENT |
| PC | POINT OF CURVE |
| PCC | POINT OF COMPOUND CURVE |
| PE | PRIVATE ENTRANCE |
| PI | POINT OF INTERSECTION |
| PLE | PERMANENT LIMITED EASEMENT |
| PT | POINT OF TANGENT |
| R | RADIUS OF CURVE |
| R/L | REFERENCE LINE |
| R/W | RIGHT OF WAY |
| RC | REVERSE CROWN |
| RCAEW | APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE |
| RCP | REINFORCED CONCRETE PIPE |
| REQ'D | REQUIRED |
| RHF | RIGHT HAND FORWARD |
| RO | RUN OFF LENGTH |
| RT | RIGHT |
| SALV | SALVAGED |
| SB | SOUTHBOUND |
| SDD | STANDARD DETAIL DRAWING |
| SE | SUPER ELEVATION |
| SEG | SEGMENT |
| SF | SQUARE FOOT |
| SS | STORM SEWER |
| STA | STATION |
| SY | SQUARE YARD |
| T | TANGENT LENGTH |
| TLE | TEMPORARY LIMITED EASEMENT |
| TYP | TYPICAL |
| V | VELOCITY OR DESIGN SPEED |
| VC | VERTICAL CURVE |
| VCL | VERTICAL CURVE LENGTH |
| VPC | POINT OF VERTICAL CURVE |
| VPI | POINT OF VERTICAL INTERSECTION |
| VPRC | POINT OF VERTICAL REVERSE CURVE |
| VPT | POINT OF VERTICAL TANGENT |
| WB | WESTBOUND |

## ORDER OF SECTION 2 SHEETS


GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
PAVEMENT GRADES
CURB RAMP DETAILS
EROSION CONTROL PLAN
STORM SEWER LAYOUT
UTILITY PLAN
SIGNING PLAN
PAVEMENT MARKING PLAN
TRAFFIC CONTROL
ALIGNMENT DIAGRAM


## DESIGN CONTACT


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93 SOUTH PIONEER ROAD, SUITE 300
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EMAIL: J.CHVOSTA@GREMMERASSOCIATES.COM


## DNR AREA LIAISON


WISCONSIN DEPT. OF NATURAL RESOURCES
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
PHONE: (608) 275-3301
ATTN: ERIC HEGGELUND
EMAIL: ERIC.HEGGELUND@WISCONSIN.GOV


## LOCAL CONTACT


CITY OF WAUPUN
201 E. MAIN STREET
WAUPUN, WI 53963
PHONE: (920) 324-7918
ATTN: JEFF DAANE
EMAIL: JEFF@CITYOFWAUPUN.ORG


## UTILITIES

SANITARY

WAUPUN UTILITIES
817 S. MADISON STREET
WAUPUN, WI 53963
ATTN: STEVE SCHRAMM
PHONE: (920) 324-7920
EMAIL: SSCHRAMM@WPPIENERGY.ORG

GAS

ALLIANT ENERGY
120 EAST MAPLE AVENUE
BEAVER DAM, WI 53916
PHONE: (920) 887-6041
ATTN: JEREMY RENTMEESTER
EMAIL: JEREMYRENTMEESTER@ALLIANTENERGY.COM

WATER

WAUPUN UTILITIES
817 S. MADISON STREET
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ATTN: STEVE SCHRAMM
PHONE: (920) 324-7920
EMAIL: SSCHRAMM@WPPIENERGY.ORG

COMMUNICATIONS

AT&T WISCONSIN
70 E. DIVISION STREET
FOND DU LAC, WI 54935
ATTN: CHUCK BARTELT
PHONE: (920) 929-1013
EMAIL: CB1461@ATT.COM

ELECTRIC

WAUPUN UTILITIES
817 S. MADISON STREET
WAUPUN, WI 53963
ATTN: STEVE BROOKS
PHONE: (920) 324-7920
EMAIL: SBROOKS@WPPIENERGY.ORG

COMMUNICATIONS

CHARTER COMMUNICATIONS
3315 LINCOLN AVENUE
TWO RIVERS, WI 54241
ATTN: NICK FRASE
PHONE: (920) 793-2216
EMAIL: NICK.FRASE@CHARTER.COM

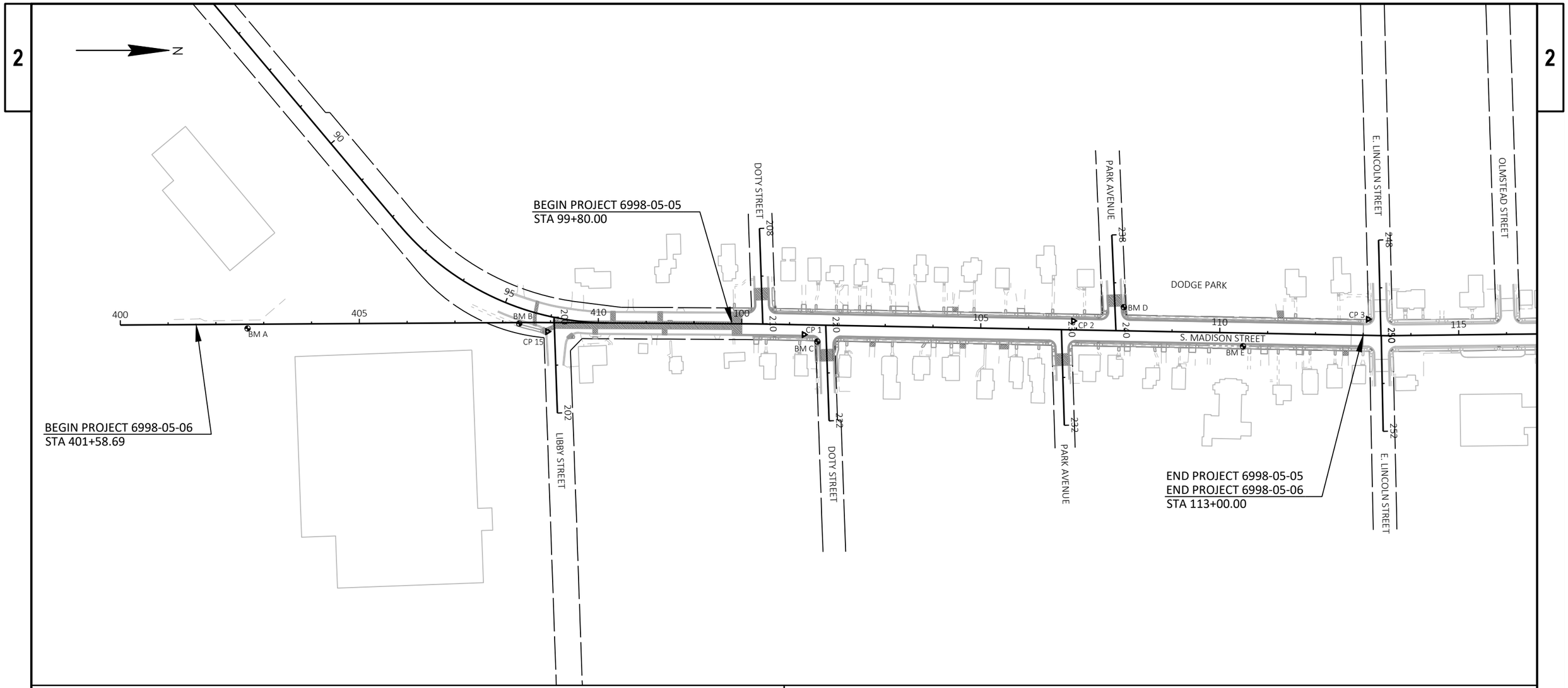
DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

## 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 |
| ROW CROPS | .08<br>.22 | .16<br>.30 | .22<br>.38 | .12<br>.26 | .20<br>.34 | .27<br>.44 | .15<br>.30 | .24<br>.37 | .33<br>.50 | .19<br>.34 | .28<br>.41 | .38<br>.56 |
| MEDIAN STRIP-TURF | .19<br>.24 | .20<br>.26 | .24<br>.30 | .19<br>.25 | .22<br>.28 | .26<br>.33 | .20<br>.26 | .23<br>.30 | .30<br>.37 | .20<br>.27 | .25<br>.32 | .30<br>.40 |
| SIDE SLOPE-TURF | | | .25<br>.32 | | | .27<br>.34 | | | .28<br>.36 | | | .25<br>.38 |
| PAVEMENT: | | | | | | | | | | | | |
| ASPHALT | .70 - .95 | | | | | | | | | | | |
| CONCRETE | .80 - .95 | | | | | | | | | | | |
| BRICK | .70 - .80 | | | | | | | | | | | |
| DRIVES, WALKS | .75 - .85 | | | | | | | | | | | |
| ROOFS | .75 - .95 | | | | | | | | | | | |
| GRAVEL ROADS, SHOULDERS | .40 - .60 | | | | | | | | | | | |

TOTAL PROJECT AREA = 3.197 ACRES

TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 2.928 ACRES

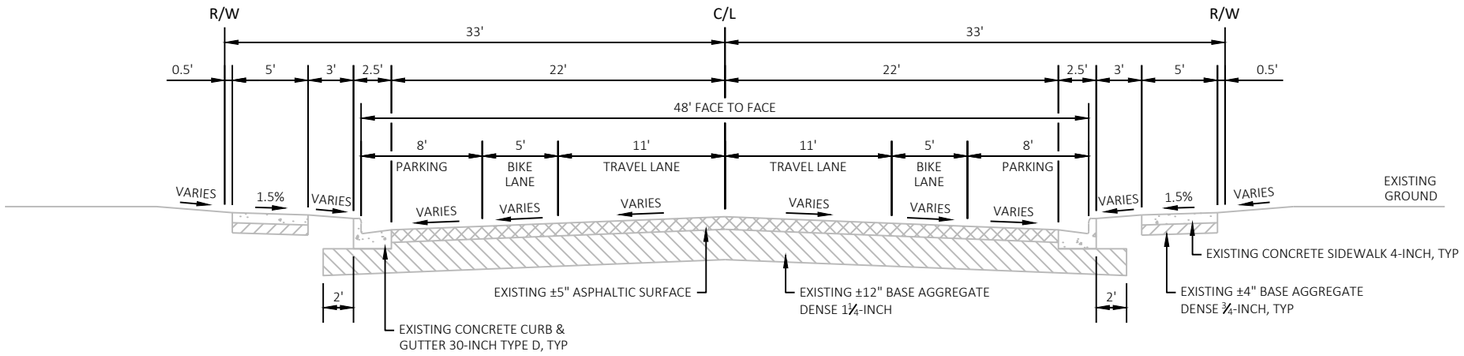



## BENCH MARKS

| BM | DESCRIPTION | ELEVATION |
|---|---|---|
| A | MAG NAIL IN POWER POLE, 30' SOUTHEAST OF NORTHEAST CORNER OF CHAIN LINK FENCE AROUND WAUPUN UTILITIES PARKING LOT | 912.31 |
| B | BURY BOLT ON HYDRANT, SOUTHEAST SIDE OF MADISON STREET, 100' SOUTH OF LIBBY STREET | 915.61 |
| C | MAG NAIL IN LIGHT POLE, SOUTHEAST CORNER OF MADISON STREET AND DOTY STREET | 919.90 |
| D | MAG NAIL IN POWER POLE, NORTHWEST CORNER OF MADISON STREET AND PARK AVENUE | 923.09 |
| E | BURY BOLT ON HYDRANT, EAST SIDE OF MADISON STREET, AT TRINITY REFORMED CHURCH | 922.71 |
| M105 | CGS BRONZE DISK IN CONCRETE, 50' SOUTH OF LINCOLN STREET, 35' WEST OF RAILROAD TRACKS | 914.27 |
| L105 | CGS BRONZE DISK SET VERTICALLY IN BUILDING WALL OF CITY HALL | 903.94 |

**VERTICAL DATUM REFERENCED TO NAVD88.

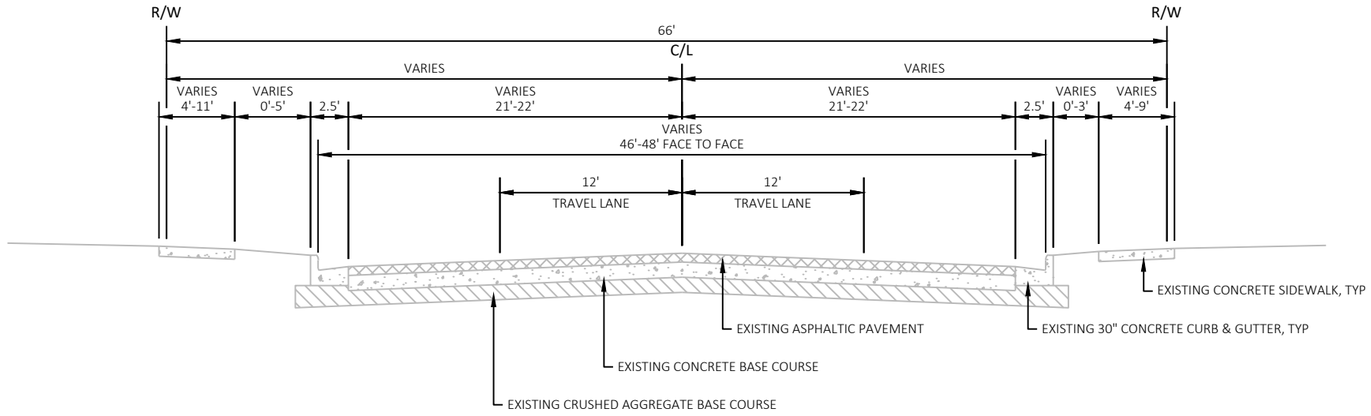
| CONTROL POINT TABLE | | | | |
|---|---|---|---|---|
| CP | DESCRIPTION | NORTHING | EASTING | ELEVATION |
| 1 | MAG NAIL IN ASPHALT, EAST SIDE OF MADISON STREET, 50' SOUTH OF DOTY STREET EAST CENTERLINE | 784106.282 | 875988.779 | 918.97 |
| 2 | MAG NAIL IN ASPHALT, WEST SIDE OF MADISON STREET, 25' NORTH OF PARK AVENUE EAST CENTERLINE | 784669.768 | 875960.308 | 921.87 |
| 3 | 3/4" REBAR IN LAWN, SOUTHWEST CORNER OF MADISON STREET AND LINCOLN STREET | 785286.291 | 875956.650 | 919.80 |
| 15 | MAG NAIL IN ASPHALT, SOUTHEAST CORNER OF MADISON STREET AND LIBBY STREET | 783569.896 | 875982.547 | 913.15 |




## TYPICAL EXISTING SECTION

MADISON STREET

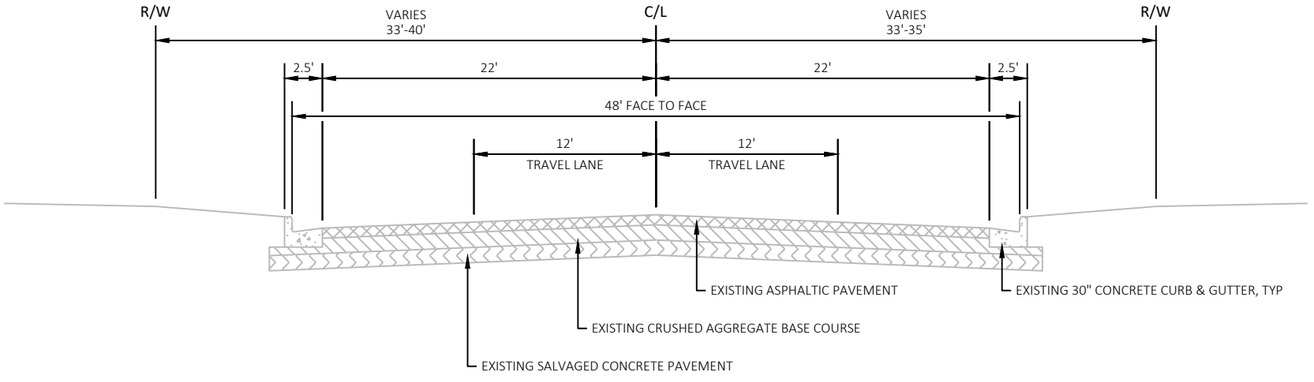
STA 112+75 - STA 113+00




## TYPICAL EXISTING SECTION

MADISON STREET

STA 100+12 - STA 112+75

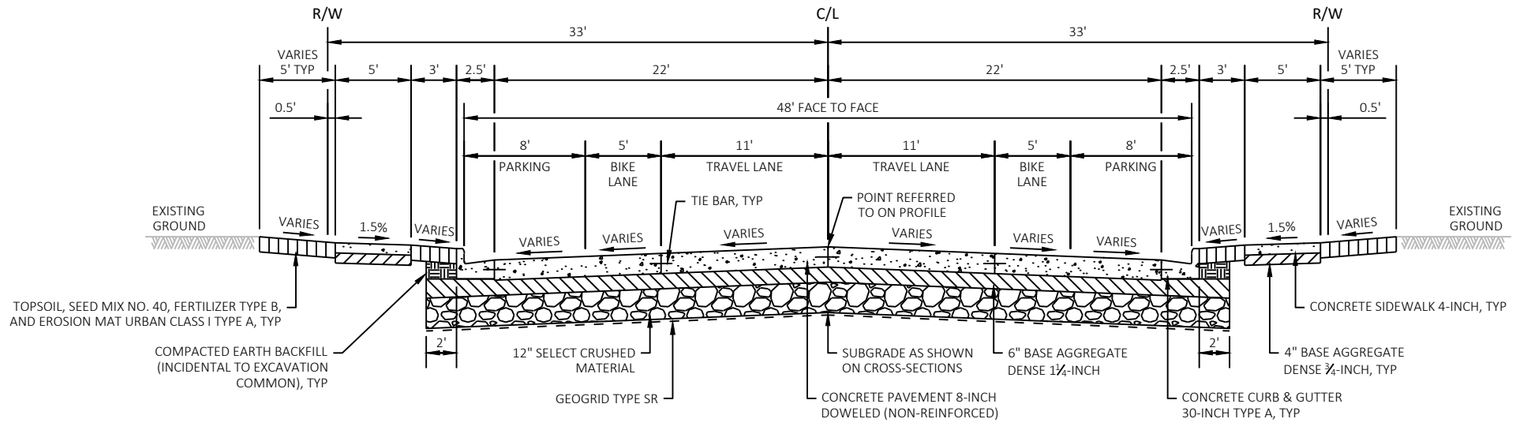



## TYPICAL EXISTING SECTION

MADISON STREET

STA 95+61 - STA 100+12

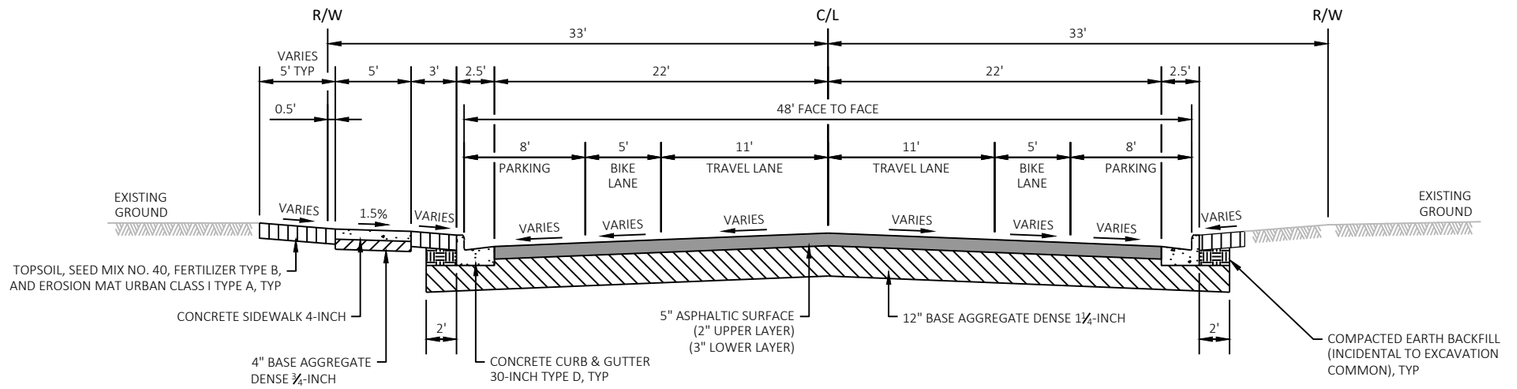
| PROJECT NO: 6998-05-05/06 | HWY: S MADISON STREET | COUNTY: DODGE | TYPICAL SECTIONS | SHEET 4 | E |
|---|---|---|---|---|---|




## TYPICAL FINISHED SECTION

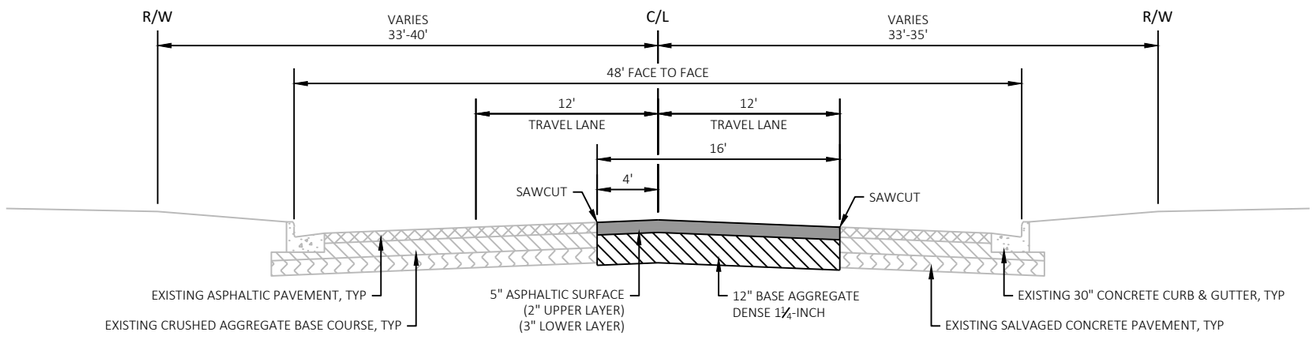
MADISON STREET
STA 100+00 - STA 113+00

| SUPERELEVATION TABLE | | | | |
|---|---|---|---|---|
| | LEFT OUTSIDE LANE | LEFT INSIDE LANE | RIGHT INSIDE LANE | RIGHT OUTSIDE LANE |
| STATION | SLOPE | SLOPE | SLOPE | SLOPE |
| 99+80 | -3.70% | -3.00% | -0.40% | -1.60% |
| 99+95 | -3.30% | -3.00% | 0.00% | -2.00% |
| 100+06.25 | -3.00% | -3.00% | 0.30% | -2.00% |
| 100+43.75 | -2.00% | -2.00% | 1.30% | -2.00% |
| 100+70 | -2.00% | -2.00% | 2.00% | -2.00% |
| 103+50 | -2.00% | -2.00% | 2.00% | -2.00% |
| 105+00 | -2.00% | -2.00% | -2.00% | -2.00% |
| 109+62.5 | -2.00% | -2.00% | -2.00% | -2.00% |
| 111+12.5 | -2.00% | 2.00% | -2.00% | -2.00% |
| 111+50 | -2.00% | 3.00% | -3.00% | -3.00% |
| 112+62.5 | -2.00% | 3.00% | -3.00% | -3.00% |
| 113+00 | -1.27% | 2.91% | -2.36% | -3.82% |




## TYPICAL FINISHED SECTION

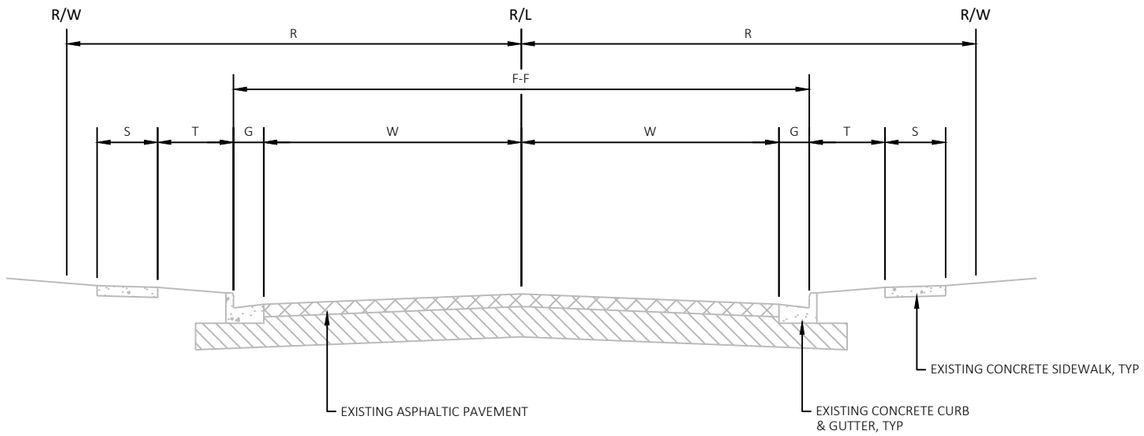
MADISON STREET
STA 99+80 - STA 100+00




## TYPICAL EXISTING SECTION

MADISON STREET
STA 95+61 - STA 99+80

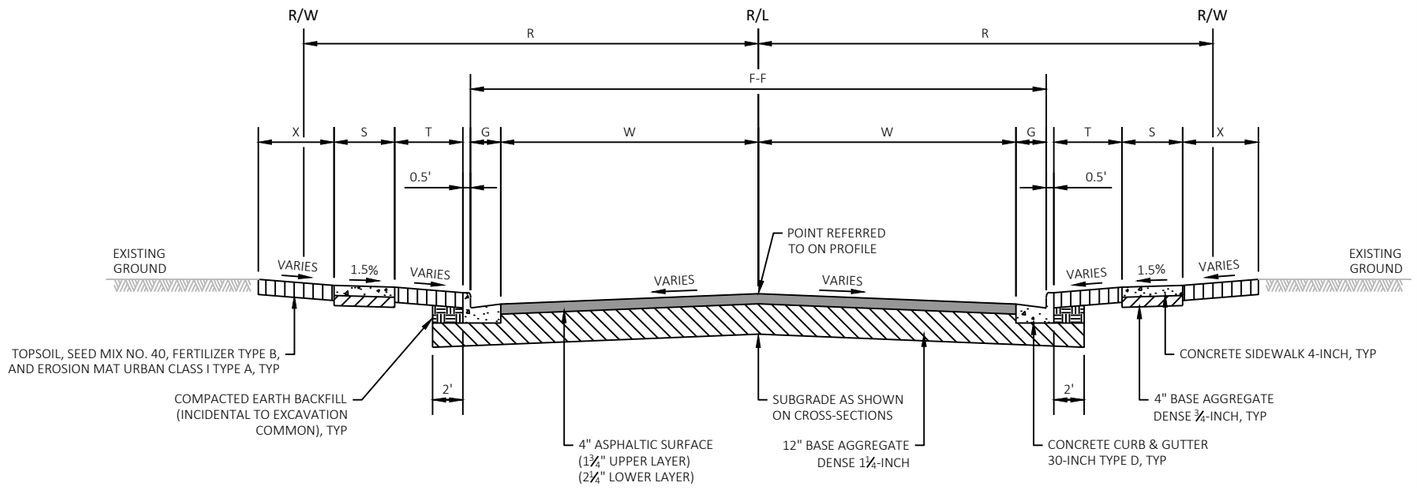
| SIDEROADS - EXISTING | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STREET | LEFT SIDE | | | | | RIGHT SIDE | | | | | F-F |
| | ROW (R) | SIDEWALK (S) | TERRACE (T) | GUTTER (G) | OVERALL WIDTH (W) | OVERALL WIDTH (W) | GUTTER (G) | TERRACE (T) | SIDEWALK (S) | ROW (R) | |
| DOTY ST (WEST) | 27 | 4 | 7 | 2 | 13 | 13 | 2 | N/A | N/A | 22.5 | 30 |
| DOTY ST (EAST) | 17.5 | N/A | N/A | 2 | 13 | 13 | 2 | 5 | 4 | 22.5 | 30 |
| PARK AVE (EAST) | 21 | 4 | 2.5 | 2 | 12 | 12 | 2 | 2.5 | 4 | 21 | 28 |
| PARK AVE (WEST) | 22.83 | 4 | 5.5 | 2 | 13 | 13 | 2 | 9.25 | 4 | 26.67 | 30 |




## TYPICAL EXISTING SECTION

DOTY STREET
STA 209+25 - STA 209+50
STA 220+51 - STA 220+75
PARK AVENUE
STA 230+51 - STA 230+75
STA 239+25 - STA 239+49

| SIDEROADS - PROPOSED | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STREET | LEFT SIDE | | | | | | RIGHT SIDE | | | | | | F-F |
| | ROW (R) | (X) | SIDEWALK (S) | TERRACE (T) | GUTTER (G) | OVERALL WIDTH (W) | OVERALL WIDTH (W) | GUTTER (G) | TERRACE (T) | SIDEWALK (S) | (X) | ROW (R) | |
| DOTY ST (WEST) | 27 | 5 | 5 | 6 | 2 | 13 | 13 | 2 | N/A | N/A | 5 | 22.5 | 30 |
| DOTY ST (EAST) | 21 | 3.5 | 5 | 4 | 2 | 13 | 13 | 2 | 4 | 5 | 5 | 25 | 28 |
| PARK AVE (EAST) | 21 | 5 | 6 | 0 | 2 | 12 | 12 | 2 | 0 | 6 | 5 | 21 | 30 |
| PARK AVE (WEST) | 22.83 | 5 | 5 | 4 | 2 | 13 | 13 | 2 | 8.25 | 5 | 5 | 29.25 | 30 |




## TYPICAL FINISHED SECTION

DOTY STREET
STA 209+25 - STA 209+50
STA 220+51 - STA 220+75
PARK AVENUE
STA 230+51 - STA 230+75
STA 239+25 - STA 239+49

2

NOTES:

ALL RISERS SHALL BE SAME HEIGHT. RISER HEIGHT SHALL BE 4" MINIMUM AND 8" MAXIMUM.

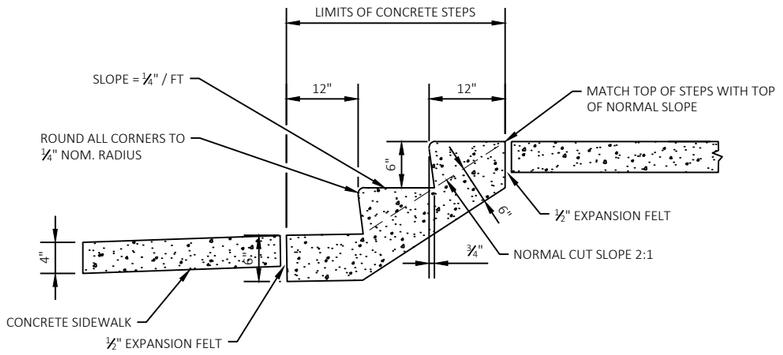
ALL TREADS SHALL BE SAME DEPTH. TREAD DEPTH SHALL BE 11" MINIMUM AND 12" MAXIMUM.

ACTUAL HEIGHT AND NUMBER OF STEPS MAY VARY DUE TO FIELD CONDITIONS.

STEEL REINFORCEMENT AND PIPE RAILING NOT REQUIRED ON STEPS WITH 2 RISERS OR LESS. ALL STEEL TO 2" CLEAR.

MINIMUM WIDTH OF STEP SHALL BE 4 FEET.

NUMBER OF STEPS LISTED IN PLANS EQUALS NUMBER OF RISERS.




CONCRETE STEPS DETAIL

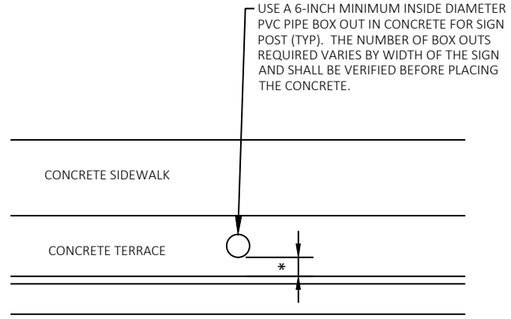
SEE PLAN SHEETS FOR LOCATIONS

NOTES:

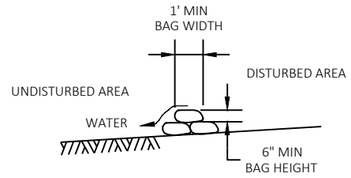
NOTIFY THE PROJECT ENGINEER A MINIMUM OF TWO WEEKS PRIOR TO THE NEED FOR SIGN PLACEMENT TO ALLOW FOR STAKING OF ANY PERMANENT SIGNING REQUIRED ON THE PROJECT.

* DISTANCE TO BE LAID OUT IN THE FIELD BASED ON SIGN SIZE. TWO FOOT MINIMUM CLEARANCE BETWEEN THE EDGE OF SIGN AND THE FACE OF CURB.

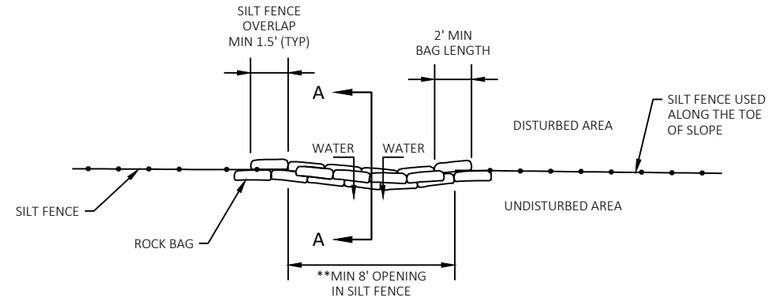
** SEE SIGN DETAILS FOR POST SPACING.




PERMANENT SIGN BOX OUT DETAIL




SECTION A-A

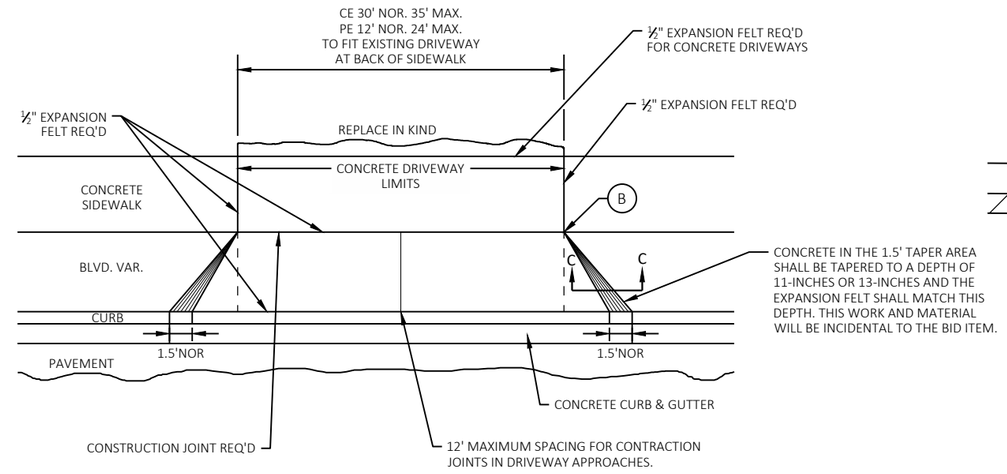



** 17 ROCK BAGS MINIMUM PER 8' OPENING.

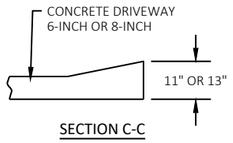
PLAN VIEW

ROCK BAGS FOR SILT FENCE RELIEF POINT DETAIL

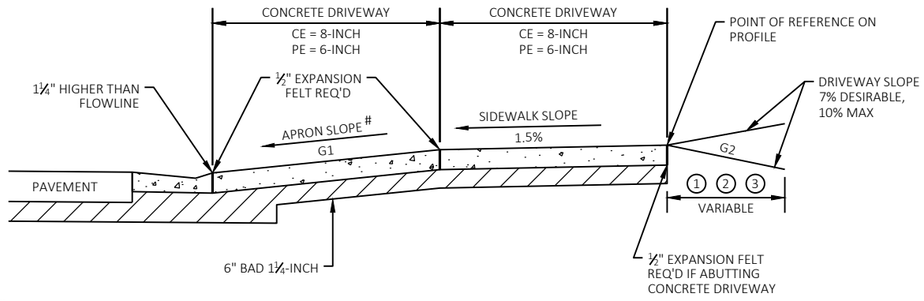
2




PLAN VIEW




SECTION C-C




TYPICAL SIDEWALK SECTION

① – CE 8" CONC DWY OVER 6" BAD 1¼-INCH
PE 6" CONC DWY OVER 6" BAD 1¼-INCH

② – 6" BASE AGG. DENSE ¾-INCH

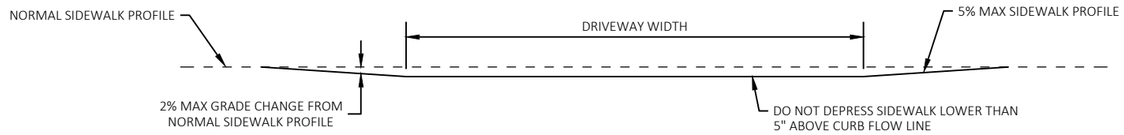
③ – CE 4" ASPH SURFACE OVER 6" BAD 1¼-INCH
PE 3" ASPH SURFACE OVER 6" BAD 1¼-INCH

\# 

| TERRACE WIDTH | APRON SLOPE (G1) | | |
|---|---|---|---|
| | MIN % | DESIRABLE % | MAX % |
| 3 FT | 7.0 | 8.5 | 11.0 |
| 4 FT | 5.0 | 7.0 | 11.0 |
| 5 FT | 4.0 | 7.0 | 11.0 |
| 6 FT | 4.0 | 7.0 | 11.0 |
| 7 FT | 3.5 | 7.0 | 11.0 |
| 8 FT | 3.0 | 7.0 | 11.0 |

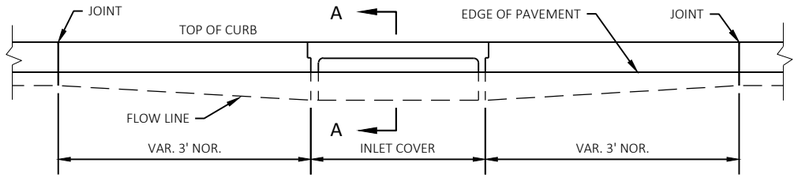
NOTE: ALGEBRAIC DIFFERENCE BETWEEN TANGENT GRADES G1 & G2 TO NOT EXCEED 15%

DEPRESS SIDEWALK PROFILE IF DRIVEWAY APRON EXCEEDS MAX SLOPE

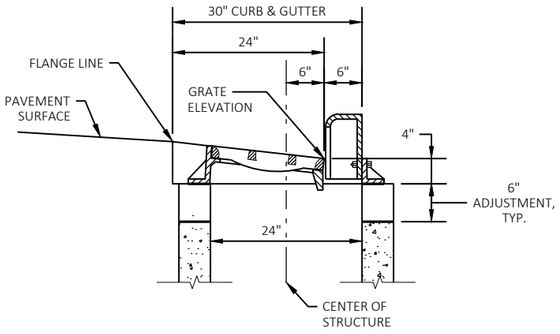



DEPRESSED SIDEWALK PROFILE DETAIL

URBAN ENTRANCE DETAIL WITH SIDEWALK AND CURB & GUTTER



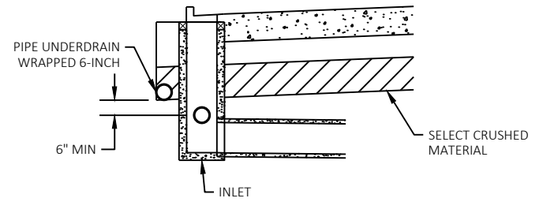

ELEVATION




(INLETS 2'X3'-H & 2'X3'-HS)

SECTION A-A

## CURB AND GUTTER DETAIL AT INLETS



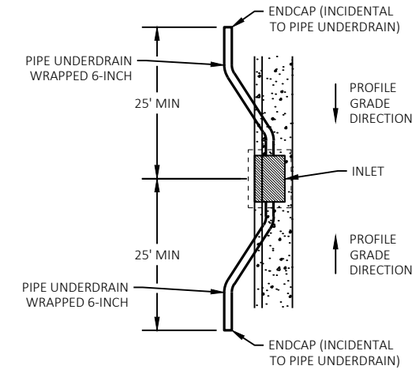

SECTION VIEW

NOTES:

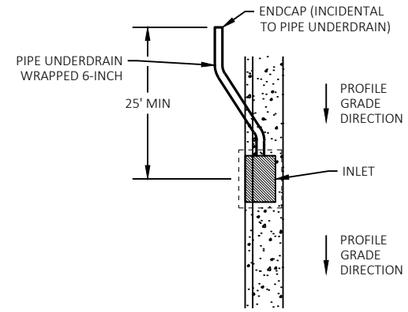
BACKFILL 3" AROUND PIPE UNDERDRAIN WITH BASE AGGREGATE OPEN GRADED (INCIDENTAL TO PIPE UNDERDRAIN).

CENTER OF PIPE UNDERDRAIN TO CONNECT TO INLET 6" BELOW SELECT CRUSHED MATERIAL.

FINAL PIPE UNDERDRAIN LOCATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD BASED ON LOCATION AND DEPTH OF EXCAVATION BELOW SUBGRADE.




AT LOW POINTS




ON GRADE

## DETAIL FOR PIPE UNDERDRAIN AT CURB & GUTTER INLETS

NOTES:

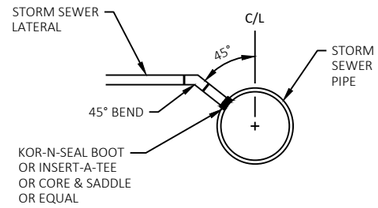
STORM SEWER LATERALS SHALL BE INSTALLED WITH 4-FEET OF DESIRABLE COVER AND 3-FEET OF MINIMUM COVER.

STORM SEWER LATERALS WHEN CONNECTED DIRECTLY TO THE STORM SEWER PIPE SHALL BE AT AN ELEVATION NO LOWER THAN THE SPRING LINE.

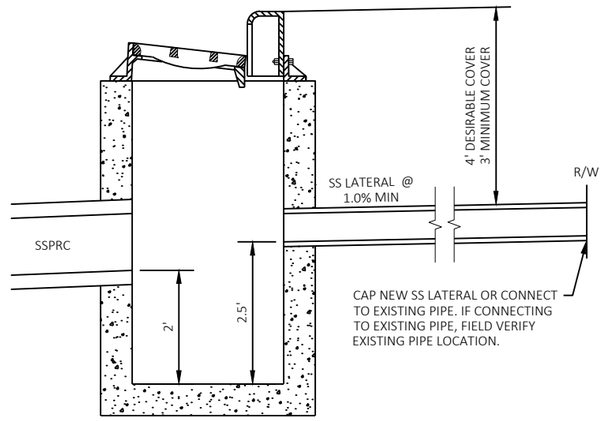
STORM SEWER LATERAL DEPTHS SHALL BE ADJUSTED TO AVOID UTILITY CONFLICTS.

STORM SEWER LATERALS SHALL BE CAPPED AT A POINT BEYOND THE RIGHT-OF-WAY LINE OR SHALL BE CONNECTED TO AN EXISTING PIPE.

STORM SEWER LATERAL LOCATIONS SHALL BE COORDINATED WITH THE CITY OF WAUPUN AND SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.



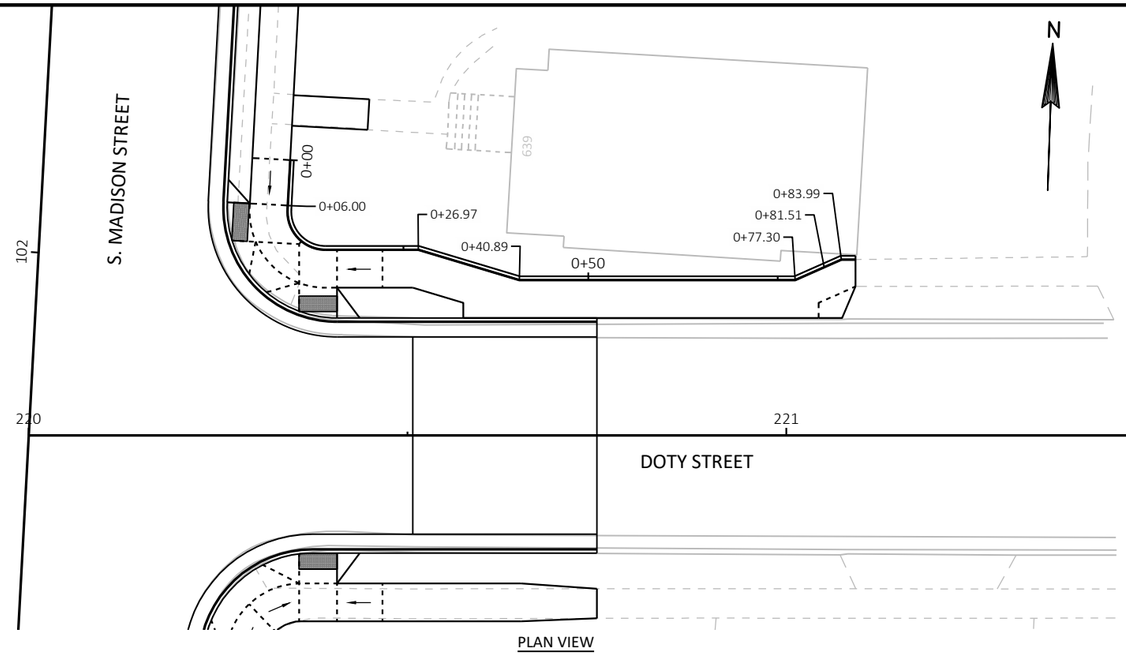

STORM SEWER PIPE CONNECTION



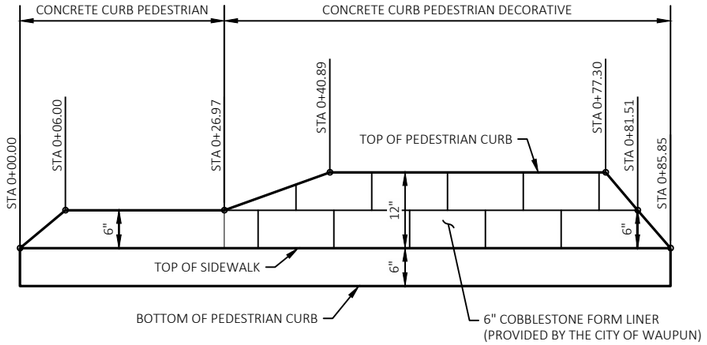

CATCH BASIN CONNECTION

## STORM SEWER LATERAL CONNECTION

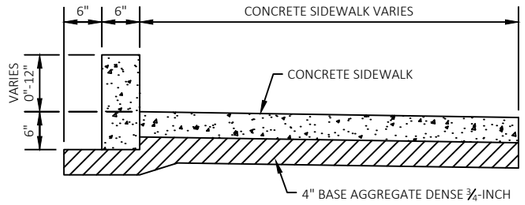
(INCIDENTAL TO STORM LATERAL BID ITEM)




PLAN VIEW

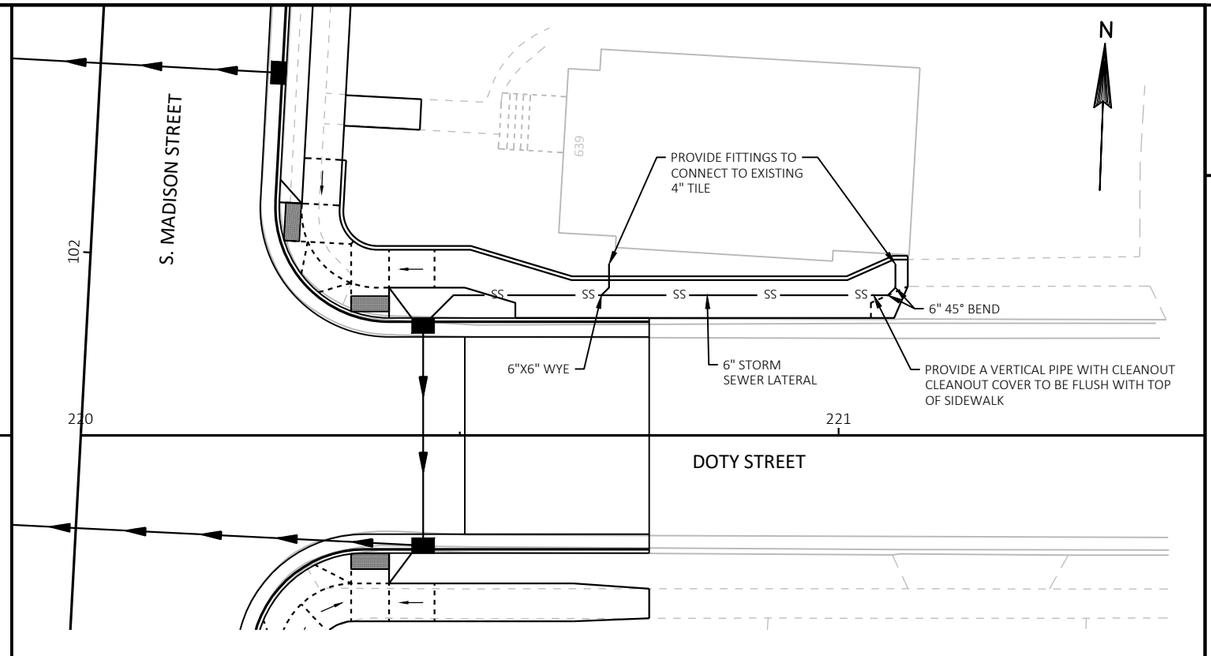



ELEVATION VIEW




SECTION VIEW

## PEDESTRIAN CURB DETAIL

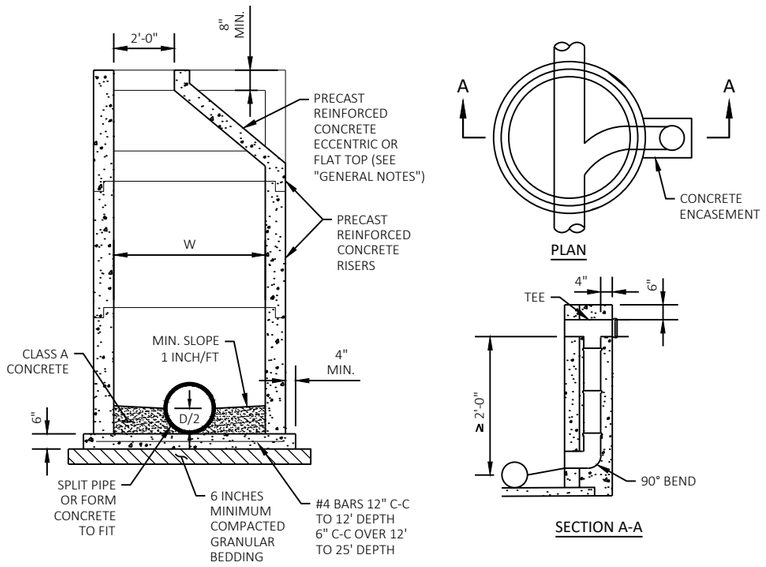



## STORM SEWER LATERAL DETAIL

HOUSE #639

STORM SEWER LATERAL DETAIL

HOUSE #639







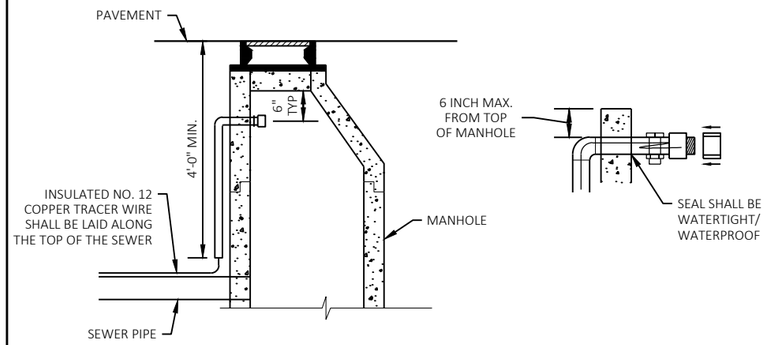
## DROP ASSEMBLY DETAIL

| TYPE | W (FT) |
|---|---|
| 1 | 4 |
| 2 | 5 |
| 3 | 6 |

NOTES:

1. DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING AND THE APPLICABLE SPECIAL CONDITIONS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
2. DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGN FOR UNDERGROUND STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.
3. PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS FOR GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.
4. ECCENTRIC CONE TOPS SHALL BE USED ON ALL STRUCTURES 5 FEET OR GREATER IN DEPTH, AND FLAT TOPS SHALL SHALL BE USED ONLY ON STRUCTURES LESS THAN 5 FEET IN DEPTH, UNLESS DIRECTED BY THE ENGINEER.
5. PRECAST REINFORCED CONCRETE RISERS MAY BE PLACED WITH THE TONGUE UP OR DOWN.
6. ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.
7. DROP CONNECTIONS SHALL BE USED WHEN THE PIPE INVERT IS MORE THAN 2 FEET ABOVE THE OULTLET PIPE SPRINGLINE. PRECAST STRUCTURE MANWAY CLEAR OPENING SHALL MATCH CASTING - REFER TO STANDARD SPECIFICATION.
8. DIVISION 33 AND THE APPLICABLE SPECIAL CONDITIONS.
   - OPENING SHALL BE 24" FOR R-1550 CASTINGS

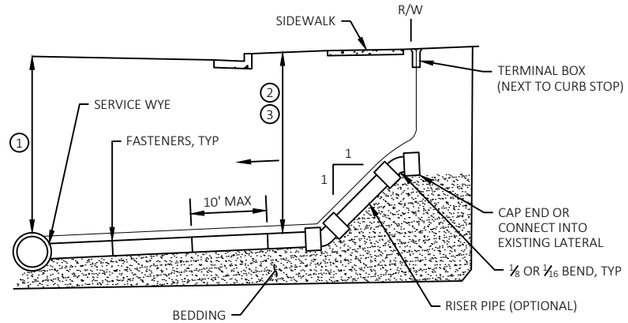
## PRECAST REINFORCED CONCRETE SANITARY MANHOLE DETAIL




GENERAL NOTES:

1. THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE.
2. A THREADED, FEMALE PVC SCHEDULE 40 PLUG AND MALE COUPLING GLUED TO ¾-INCH SCHEDULE 40 SHALL BE INSTALLED IN OR ADJACENT TO THE VALVE VAULT AND MANHOLE.
3. WIRE PIGTAIL SHALL BE WRAPPED AROUND BOLT AND READILY ACCESSIBLE, WITH SUFFICIENT LENGTH FOR EASY CONNECTION.

## TRACER WIRE INSTALLATION AT SANITARY SEWER AND STORM SEWER MANHOLE



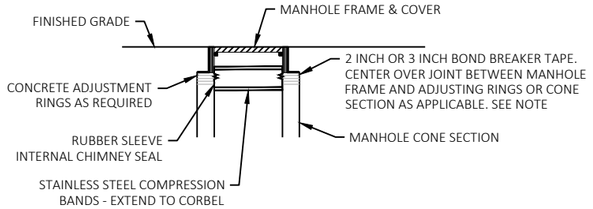

NOTES FOR TRACER WIRE INSTALLATION:

1. THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE.
2. GREEN INSULATED COPPER TRACER WIRE SHALL BE INSTALLED WITH THE NON-CONDUCTIVE SERVICE. PIPE TRACER WIRE TERMINAL BOXES SHALL BE INSTALLED DIRECTLY ABOVE THE SEWER MAIN OR AS DETERMINED BY THE ENGINEER OR OWNER.
3. TRACER WIRE SHALL BE RESTRAINED BY CABLE-TIES, TAPE, OR BY NON-CORRESSIVE FASTENER APPROVED BY THE OWNER, INSTALLED EVERY 10 FEET ALONG SERVICE. DO NOT WRAP WIRE AROUND THE PIPE.
4. TRACER WIRE SHALL BE RUN FROM THE WYE AND TERMINATE IN A FLUSH MOUNTED TERMINAL BOX (SEE SPEC.). SPLICES IN TRACER WIRE SHOULD BE MADE WITH SPLIT BOLT OR COMPRESSION-TYPE CONNECTORS. WIRE NUTS SHALL NOT BE USED. A WATER-PROOF CONNECTION IS NECESSARY TO PREVENT CORROSION.
5. TRACER WIRE SHALL BE INSTALLED ALONG ALL NEWLY INSTALLED SANITARY LATERALS (INCIDENTAL TO SANITARY LATERAL PIPING).

NOTES FOR LATERAL INSTALLATION:

1. MINIMUM DEPTH OF COVER UNDER ROADWAY = 7 FEET.
2. MINIMUM DEPTH OF COVER UNDER GRASS AREAS = 5 FEET.
3. LATERAL SLOPES SHALL BE ⅛ INCH PER FOOT MINIMUM AND ½ INCH PER FOOT MAXIMUM.
4. LATERAL SHALL RISER AT RIGHT-OF-WAY LINE.

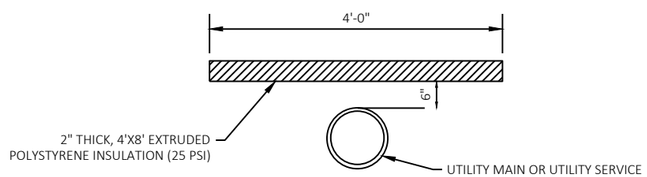
## SANITARY SEWER LATERAL DETAIL



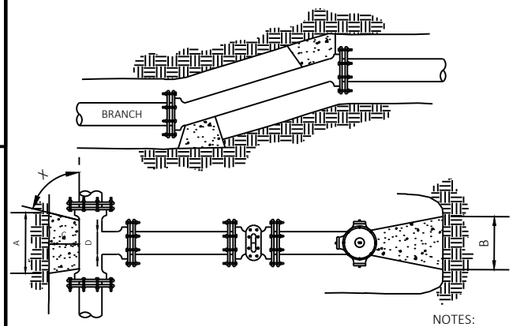

NOTES:

THE BOND BREAKER TAPE IS TO PREVENT THE SEALER FROM BONDING TO THE EDGE OF THE FLANGE OF THE MANHOLE FRAME AND THE UPPER 1-1/2 INCHES OF ADJUSTING RING OR CONE. IF THE EDGE OF FLANGE IS NOT FLUSH WITH ADJUSTING RING OR CONE, APPLY ADDITIONAL TAPE AS REQUIRED TO PREVENT SUCH BONDING.

## SANITARY MANHOLE CHIMNEY SEAL DETAIL




## PIPE INSULATION DETAIL



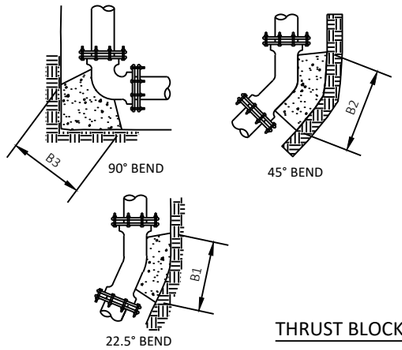

| BUTTRESS DIMENSIONS | | | | |
|---|---|---|---|---|
| B.D. | A | B | C | D |
| 6" | 1'-3" | 1'-0" | NOTE 1 | NOTE 2 |
| 8" | 1'-6" | 1'-4" | | |
| 10" | 1'-10" | 1'-8" | | |

B.D. = BRANCH DIAMETER

| BUTTRESS DIMENSIONS | | | | | | |
|---|---|---|---|---|---|---|
| PIPE SIZE | 22.5° BENDS | | 45° BENDS | | 90° BENDS | |
| | B1 | D1 | B2 | D2 | B3 | D3 |
| 6" | 1'-0" | 1'-0" | 1'-0" | 1'-0" | 1'-4" | 1'-2" |
| 8" | 1'-0" | 1'-0" | 1'-4" | 1'-2" | 1'-10" | 1'-6" |
| 10" | 1'-2" | 1'-2" | 1'-7" | 1'-7" | 2'-3" | 1'-10" |

NOTES:

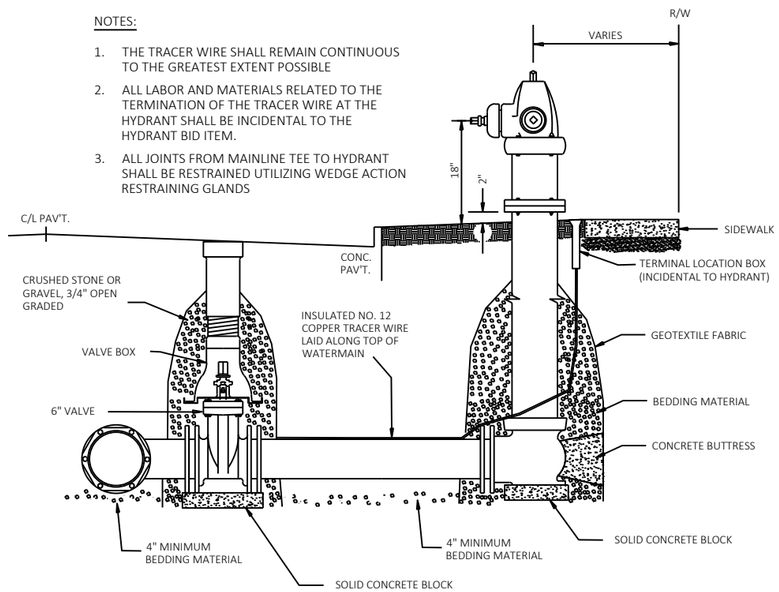
1. DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE X GREATER THAN OR EQUAL TO 45°.
2. DIMENSION 'D' SHOULD BE AS LARGE AS POSSIBLE BUT CONCRETE SHOULD NOT INTERFERE WITH MECHANICAL JOINTS.
3. BUTTRESS TO BE PLACED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
4. CONCRETE SHALL HAVE A MINIMUM 7 DAY COMPRESSIVE STRENGTH OF 2000 PSI.
5. ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
6. IN ADDITION TO BUTTRESSES, ALL JOINTS SURROUNDING TEES SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.




## THRUST BLOCK LOCATION

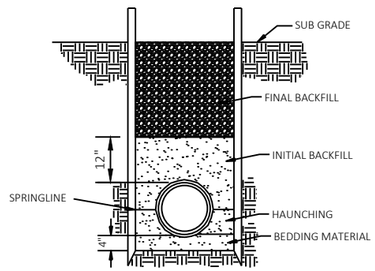
NOTES:

1. THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE
2. ALL LABOR AND MATERIALS RELATED TO THE TERMINATION OF THE TRACER WIRE AT THE HYDRANT SHALL BE INCIDENTAL TO THE HYDRANT BID ITEM.
3. ALL JOINTS FROM MAINLINE TEE TO HYDRANT SHALL BE RESTRAINED UTILIZING WEDGE ACTION RESTRAINING GLANDS




## HYDRANT DETAIL

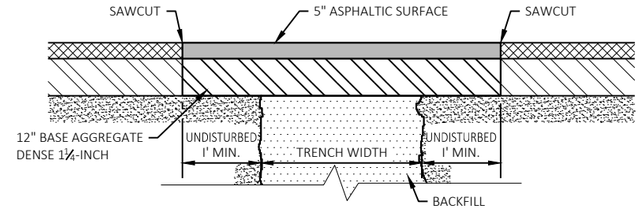
EXCAVATED TRENCH




NOTES:

1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO ASTM D2321.
2. CLASS II EMBEDMENT MATERIAL SHALL BE CLEAN, COARSE-GRAINED SOILS WITH LITTLE TO NO FINES. NO PARTICLES LARGER THAN 1½" SHALL BE USED IN THE PIPE EMBEDMENT.
3. INSTALL AND COMPACT BEDDING IN 6" MAXIMUM LAYERS. LEVEL FINAL GRADE BY HAND. MINIMUM DEPTH 4" (6" IN ROCK CUTS).
4. INSTALL AND COMPACT HAUNCHING IN 6" MAXIMUM LAYERS. WORK IN AROUND PIPE BY HAND TO PROVIDE UNIFORM SUPPORT.
5. INSTALL AND COMPACT INITIAL BACKFILL TO A MINIMUM OF 12" ABOVE PIPE CROWN.

## TRENCH DETAIL

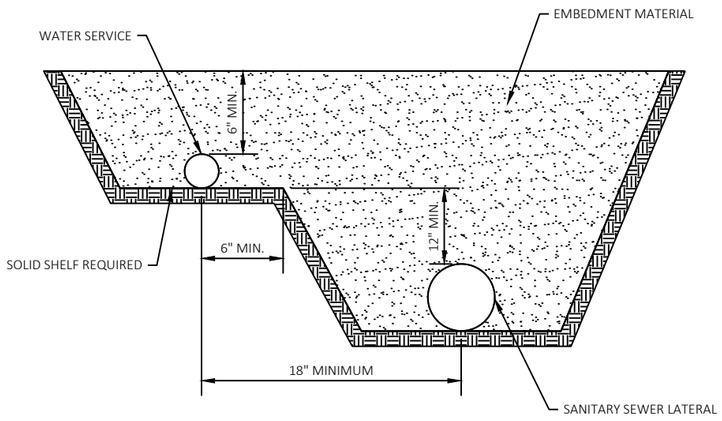



NOTES:

1. REMOVAL OF EXISTING PAVEMENT STRUCTURE IS INCIDENTAL TO UTILITY WORK.
2. CONTRACTOR SHALL BACKFILL UTILITY TRENCH TO TOP OF EXISTING PAVEMENT. INCIDENTAL TO UNDERGROUND UTILITY ITEMS.
3. REMOVAL OF UTILITY TRENCH BACKFILL TO ROADWAY SUBGRADE IS INCIDENTAL.

## PAVEMENT REPAIR TRENCH

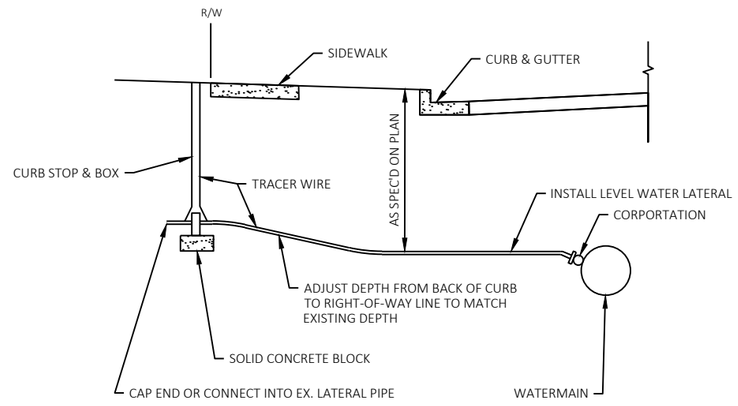
IN AREAS WHERE THE ROADWAY IS NOT RECONSTRUCTED




NOTES:

1. WATER SERVICES 3" IN DIAMETER AND LARGER SHALL BE LAID WITH A CLEAR HORIZONTAL SEPARATION NOT LESS THAN 2' FROM THE SANITARY LATERAL.

## LATERAL INSTALLATION DETAIL

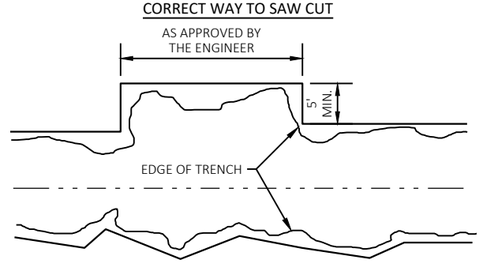



NOTES:

1. SEE PLANS AND SPECIFICATIONS FOR SIZE AND TYPE OF CURB STOP AND BOX CORPORATION SERVICE LINE.
2. COMMUNITY STANDARDS SHALL SUPERCEDE THESE DIMENSIONS.
3. TRACER WIRE SHALL BE INSTALLED ALONG ALL NEWLY INSTALLED WATER SERVICES (INCIDENTAL TO WATER SERVICE PIPING).

## WATER SERVICE DETAIL

CORRECT WAY TO SAW CUT




INCORRECT WAY TO SAW CUT

NOTE: WHEN SAW CUTTING THE PAVEMENT FOR TRENCH RESTORATION FOLLOWING CONSTRUCTION, ALL SAW CUTS SHALL BE MADE PARALLEL, OR PERPENDICULAR, TO CENTERLINE OF THE TRENCH. PARALLEL CUTS SHALL BE A LENGTH AS APPROVED BY THE ENGINEER AND PERPENDICULAR CUTS SHALL BE A MINIMUM OF 5 FT. IN LENGTH.

## SAWCUT DETAIL

2

| DATA TABLE | | | | |
|---|---|---|---|---|
| NUMBER | ALIGNMENT | STATION | OFFSET | DESCRIPTION |
| 1.01 | Madison | 95+68.31 | 23.5' RT | MATCH EXIST C&G |
| 1.02 | Madison | 95+64.20 | 8.0' RT | MATCH EXIST |
| 1.03 | Madison | 95+61.17 | 22.1' LT | MATCH EXIST |
| 1.04 | Madison | 95+60.92 | 22.1' LT | MATCH EXIST C&G |
| 1.05 | Madison | 95+67.45 | 22.1' LT | MATCH EXIST C&G |
| 1.06 | Madison | 95+70.05 | 6.9' RT | MATCH EXIST |
| 1.07 | Madison | 95+73.80 | 21.5' RT | MATCH EXIST |
| 1.08 | Madison | 95+74.97 | 21.6' RT | MATCH EXIST |
| 1.09 | Madison | 95+74.95 | 23.6' RT | MATCH EXIST C&G |
| 1.10 | Madison | 95+89.10 | 26.4' RT | MATCH EXIST C&G |
| 1.11 | Madison | 95+89.96 | 24.5' RT | MATCH EXIST |
| 1.12 | Madison | 95+93.49 | 26.9' RT | MATCH EXIST |
| 1.13 | Madison | 95+98.82 | 32.8' RT | MATCH EXIST |
| 1.14 | Madison | 96+01.22 | 37.3' RT | MATCH EXIST |

| DATA TABLE | | | | |
|---|---|---|---|---|
| NUMBER | ALIGNMENT | STATION | OFFSET | DESCRIPTION |
| 1.15 | Madison | 95+99.50 | 38.1' RT | MATCH EXIST C&G |
| 1.16 | Madison | 96+40.19 | 37.7' RT | MATCH EXIST C&G |
| 1.17 | Madison | 96+38.57 | 36.7' RT | MATCH EXIST |
| 1.18 | Madison | 96+47.84 | 26.0' RT | MATCH EXIST |
| 1.19 | Madison | 96+48.96 | 27.6' RT | MATCH EXIST C&G |
| 1.20 | Madison | 96+14.21 | 22.0' RT | MATCH EXIST |
| 1.21 | Madison | 96+07.99 | 16.6' RT | MATCH EXIST |
| 1.22 | Madison | 96+05.82 | 5.5' RT | MATCH EXIST |
| 1.23 | Madison | 96+15.52 | 3.4' RT | MATCH EXIST |
| 1.24 | Madison | 96+15.88 | 5.4' RT | MATCH EXIST |
| 1.25 | Madison | 95+37.04 | 32.5' RT | MATCH EXIST SW |
| 1.26 | Madison | 95+52.07 | 32.0' RT | SW PI |
| 1.27 | Madison | 95+67.10 | 31.5' RT | SW PC |

| RADIUS POINT TABLE | | | | |
|---|---|---|---|---|
| NUMBER | ALIGNMENT | STATION | OFFSET | RADIUS |
| R1.01 | Madison | 95+78.39 | 48.61' RT | 25.0' |
| R1.02 | Madison | 96+67.39 | 56.12' RT | DATA POINT |

N

**LEGEND**

- CONCRETE CURB RAMP TYPE 1
- CONCRETE CURB RAMP TYPE 2
- CONCRETE CURB RAMP TYPE 3
- CONCRETE CURB RAMP TYPE 4B
- CONCRETE CURB RAMP TYPE 4B1
- CONCRETE CURB RAMP TYPE 7B
- DATA POINT
- PROPOSED CATCH BASIN/ INLET
- PROPOSED STORM SEWER MANHOLE
- PROPOSED ENDWALL
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED HYDRANT
- PROPOSED WATER VALVE

**NOTES**

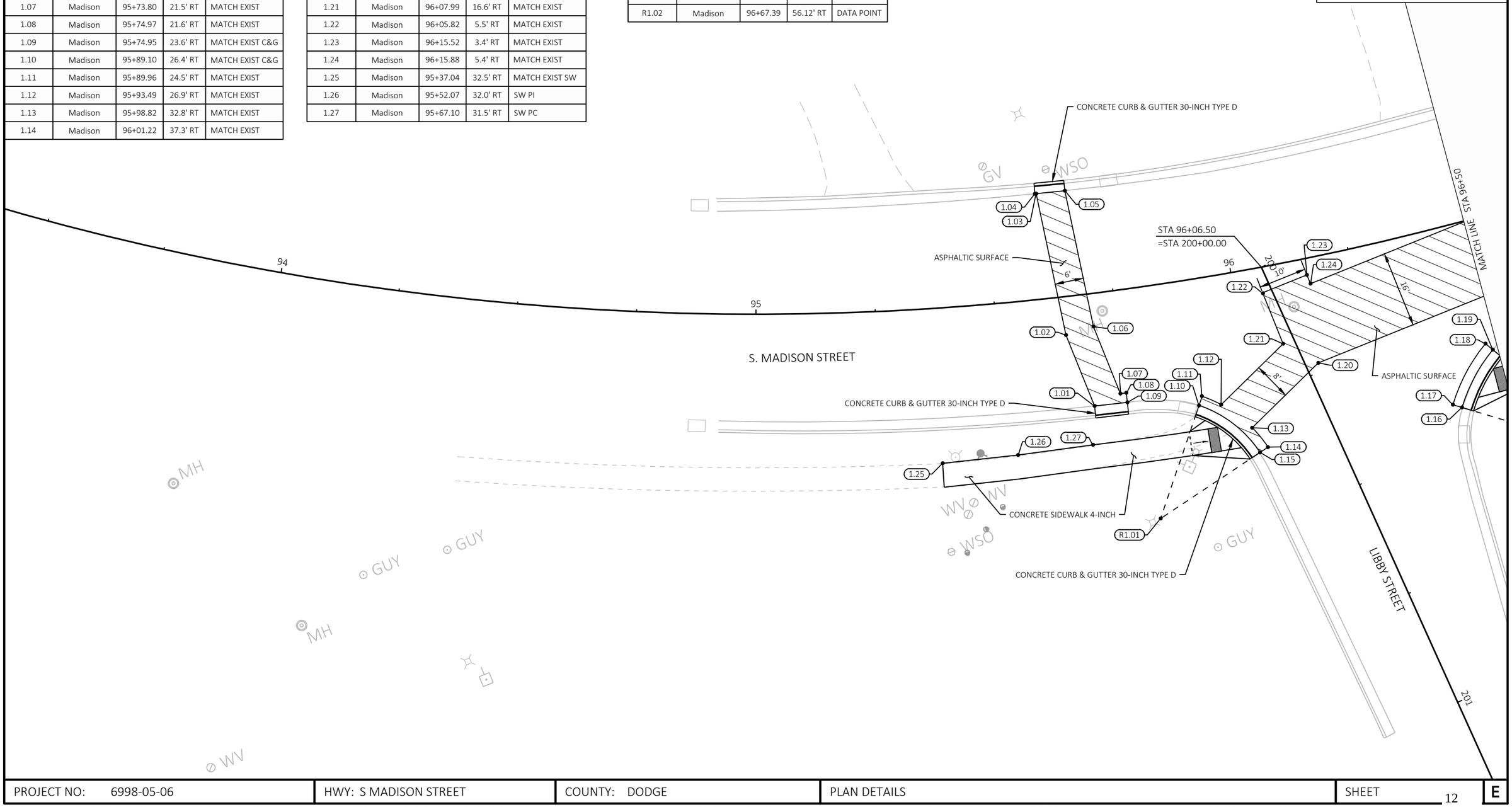
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ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR JOINT LINE.

ALL DATA POINT STATION AND OFFSETS ARE TO THE FLANGE OF CURB. EXCEPT FOR CURB OPENINGS WHICH ARE TO THE BACK OF CURB.

ALL CURB RAMPS ARE CONCRETE SIDEWALK 6-INCH UNLESS OTHERWISE NOTED.

* SEE CURB RAMP DETAIL SHEETS FOR ADDITIONAL CURB RAMP INFORMATION.




| PROJECT NO: 6998-05-06 | HWY: S MADISON STREET | COUNTY: DODGE | PLAN DETAILS | SHEET 12 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-021201-PD.DWG
LAYOUT NAME - Sheet-01

PLOT DATE : 7/16/2020 11:32 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

| DATA TABLE | | | | |
|---|---|---|---|---|
| NUMBER | ALIGNMENT | STATION | OFFSET | DESCRIPTION |
| 2.01 | Madison | 96+89.54 | 22.2' RT | MATCH EXIST C&G |
| 2.02 | Madison | 96+89.06 | 12.8' RT | MATCH EXIST |
| 2.03 | Madison | 96+98.84 | 12.4' RT | MATCH EXIST |
| 2.04 | Madison | 96+99.17 | 22.0' RT | MATCH EXIST C&G |
| 2.05 | Madison | 97+25.60 | 3.6' LT | MATCH EXIST |
| 2.06 | Madison | 97+25.60 | 21.8' LT | MATCH EXIST C&G |
| 2.07 | Madison | 97+35.60 | 21.8' LT | MATCH EXIST C&G |
| 2.08 | Madison | 97+35.60 | 3.6' LT | MATCH EXIST |
| 2.09 | Madison | 98+24.23 | 4.0' LT | MATCH EXIST |
| 2.10 | Madison | 98+24.23 | 21.8' LT | MATCH EXIST C&G |
| 2.11 | Madison | 98+34.23 | 21.8' LT | MATCH EXIST C&G |
| 2.12 | Madison | 98+34.23 | 4.0' LT | MATCH EXIST |

| DATA TABLE | | | | |
|---|---|---|---|---|
| NUMBER | ALIGNMENT | STATION | OFFSET | DESCRIPTION |
| 2.13 | Madison | 98+33.69 | 21.8' RT | MATCH EXIST C&G |
| 2.14 | Madison | 98+33.69 | 12.0' RT | MATCH EXIST |
| 2.15 | Madison | 98+43.69 | 21.8' RT | MATCH EXIST C&G |
| 2.16 | Madison | 98+43.69 | 12.0' RT | MATCH EXIST |
| 2.17 | Madison | 98+45.00 | 4.0' LT | MATCH EXIST |
| 2.18 | Madison | 98+45.00 | 6.0' LT | MATCH EXIST |
| 2.19 | Madison | 98+55.00 | 6.0' LT | MATCH EXIST |
| 2.20 | Madison | 98+55.00 | 4.0' LT | MATCH EXIST |

N

## LEGEND

- 1 CONCRETE CURB RAMP TYPE 1
- 2 CONCRETE CURB RAMP TYPE 2
- 3 CONCRETE CURB RAMP TYPE 3
- 4B CONCRETE CURB RAMP TYPE 4B
- 4B1 CONCRETE CURB RAMP TYPE 4B1
- 7B CONCRETE CURB RAMP TYPE 7B
- DATA POINT
- PROPOSED CATCH BASIN/ INLET
- PROPOSED STORM SEWER MANHOLE
- PROPOSED ENDWALL
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED HYDRANT
- PROPOSED WATER VALVE

## NOTES

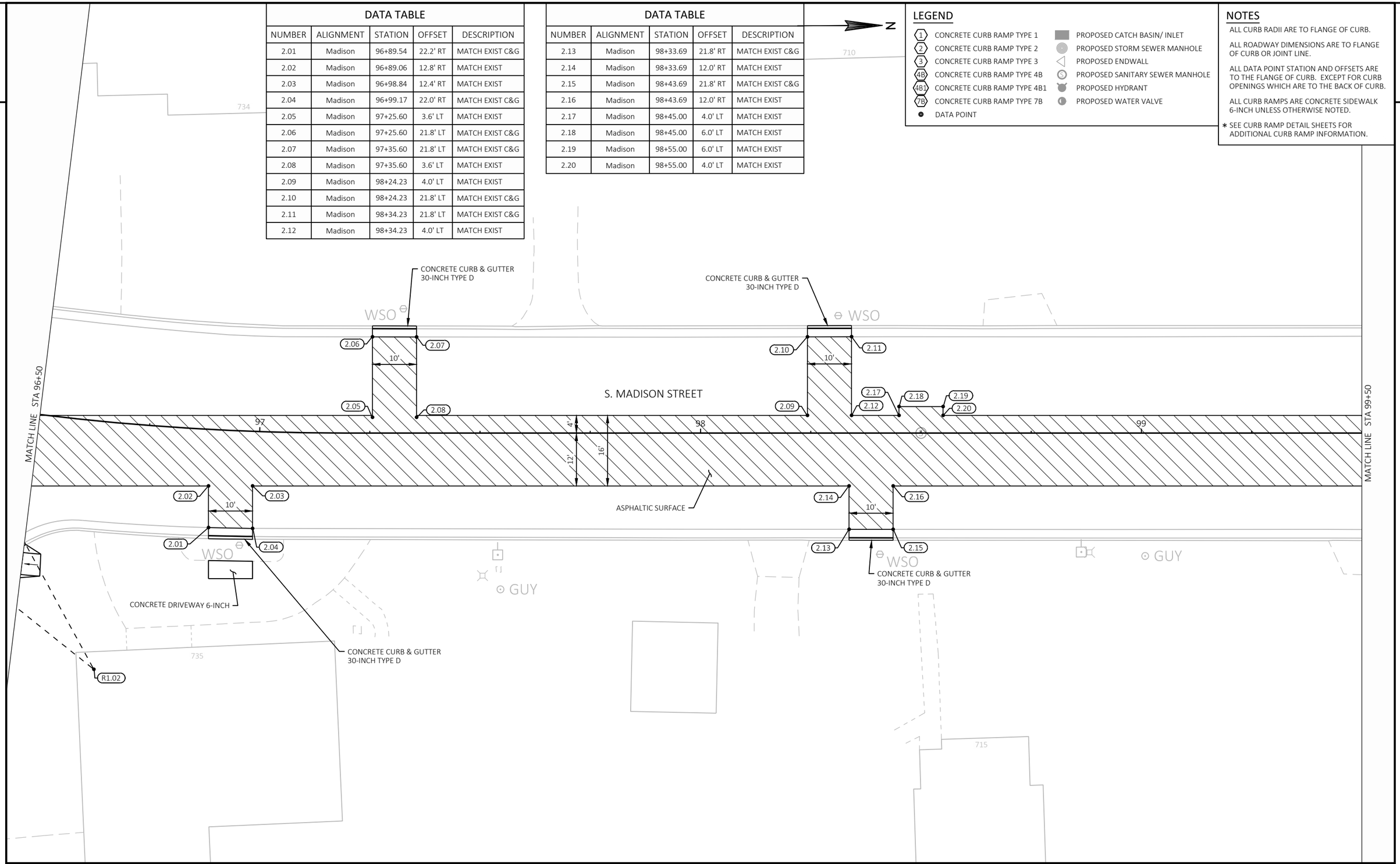
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* SEE CURB RAMP DETAIL SHEETS FOR ADDITIONAL CURB RAMP INFORMATION.




| PROJECT NO: 6998-05-06 | HWY: S MADISON STREET | COUNTY: DODGE | PLAN DETAILS | SHEET 13 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-021201-PD.DWG
LAYOUT NAME - Sheet-02

PLOT DATE : 7/16/2020 11:32 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

## LEGEND

- 1 CONCRETE CURB RAMP TYPE 1
- 2 CONCRETE CURB RAMP TYPE 2
- 3 CONCRETE CURB RAMP TYPE 3
- 4B CONCRETE CURB RAMP TYPE 4B
- 4B1 CONCRETE CURB RAMP TYPE 4B1
- 7B CONCRETE CURB RAMP TYPE 7B
- DATA POINT
- PROPOSED CATCH BASIN/ INLET
- PROPOSED STORM SEWER MANHOLE
- PROPOSED ENDWALL
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED HYDRANT
- PROPOSED WATER VALVE

### DATA TABLE

| NUMBER | ALIGNMENT | STATION | OFFSET | DESCRIPTION |
|---|---|---|---|---|
| 3A.01 | Madison | 100+00.00 | 22.0' RT | CONCRETE LIMITS |
| 3A.02 | Madison | 99+80.00 | 22.0' RT | MATCH EXIST C&G |
| 3A.03 | Madison | 99+80.00 | 12.0' RT | MATCH EXIST |
| 3A.04 | Madison | 99+80.00 | 4.0' LT | MATCH EXIST |
| 3A.05 | Madison | 99+80.00 | 22.0' LT | MATCH EXIST C&G |
| 3A.06 | Madison | 100+00.00 | 22.0' LT | CONCRETE LIMITS |
| 3A.07 | Madison | 100+12.26 | 22.0' LT | RADIUS PC |

### DATA TABLE

| NUMBER | ALIGNMENT | STATION | OFFSET | DESCRIPTION |
|---|---|---|---|---|
| 3A.08 | Madison | 100+24.52 | 27.2' LT | MID RADIUS |
| 3A.09 | Doty West | 209+59.61 | 13.0' RT | RADIUS PC |
| 3A.10 | Doty West | 209+49.61 | 13.0' RT | CONCRETE LIMITS |
| 3A.11 | Doty West | 209+25.00 | 13.0' RT | MATCH EXIST C&G |
| 3A.12 | Doty West | 209+25.00 | 13.0' LT | MATCH EXIST C&G |
| 3A.13 | Doty West | 209+49.61 | 13.0' LT | CONCRETE LIMITS |
| 3A.14 | Doty West | 209+62.53 | 13.0' LT | RADIUS PC |

### DATA TABLE

| NUMBER | ALIGNMENT | STATION | OFFSET | DESCRIPTION |
|---|---|---|---|---|
| 3A.15 | Madison | 100+60.13 | 26.7' LT | MID RADIUS |
| 3A.16 | Madison | 100+71.83 | 22.0' LT | RADIUS PC |
| 3A.17 | Madison | 99+82.40 | 27.5' LT | SW LIMITS |
| 3A.18 | Doty West | 209+35.00 | 21.5' LT | SW TAPER POINT |
| 3A.19 | Doty West | 209+25.00 | 21.9' LT | MATCH EXIST SW |
| 3A.20 | Madison | 100+25.59 | 27.5' RT | SW LIMITS |

### RADIUS POINT TABLE

| NUMBER | ALIGNMENT | STATION | OFFSET | RADIUS |
|---|---|---|---|---|
| R3A.01 | Madison | 100+12.26 | -39.00' LT | 17.0' |
| R3A.02 | Madison | 100+71.83 | -39.00' LT | 17.0' |

### RADIUS POINT TABLE

| NUMBER | ALIGNMENT | STATION | OFFSET | RADIUS |
|---|---|---|---|---|
| R3B.01 | Madison | 101+47.87 | 39.00' RT | 17.0' |
| R3B.02 | Madison | 102+07.96 | 39.00' RT | 17.0' |

### DATA TABLE

| NUMBER | ALIGNMENT | STATION | OFFSET | DESCRIPTION |
|---|---|---|---|---|
| 3B.01 | Madison | 102+07.96 | 22.0' RT | RADIUS PC |
| 3B.02 | Madison | 101+95.62 | 27.3' RT | MID RADIUS |
| 3B.03 | Doty East | 220+40.67 | 13.0' LT | RADIUS PC |
| 3B.04 | Doty East | 220+50.67 | 13.0' LT | CONCRETE LIMITS |
| 3B.05 | Doty East | 220+75.00 | 13.0' LT | MATCH EXIST C&G |
| 3B.06 | Doty East | 220+75.00 | 13.0' RT | MATCH EXIST C&G |
| 3B.07 | Doty East | 220+50.67 | 13.0' RT | CONCRETE LIMITS |
| 3B.08 | Doty East | 220+37.44 | 13.0' RT | RADIUS PC |

### DATA TABLE

| NUMBER | ALIGNMENT | STATION | OFFSET | DESCRIPTION |
|---|---|---|---|---|
| 3B.09 | Madison | 101+59.56 | 26.7' RT | MID RADIUS |
| 3B.10 | Madison | 101+47.87 | 22.0' RT | RADIUS PC |
| 3B.11 | Doty East | 221+09.13 | 19.7' LT | MATCH EXIST SW |
| 3B.12 | Doty East | 221+07.34 | 15.5' LT | SW AT BOC |
| 3B.13 | Doty East | 220+57.34 | 15.5' LT | SW AT BOC |
| 3B.14 | Doty East | 220+57.34 | 17.5' LT | SW TAPER POINT |
| 3B.15 | Doty East | 220+50.67 | 19.5' LT | SW TAPER POINT |
| 3B.16 | Doty East | 220+75.00 | 20.2' RT | MATCH EXIST SW |

### DATA TABLE

| NUMBER | ALIGNMENT | STATION | OFFSET | DESCRIPTION |
|---|---|---|---|---|
| 3B.17 | Doty East | 220+65.00 | 19.5' RT | SW TAPER POINT |
| 3B.18 | Doty East | 221+09.13 | 23.2' LT | PED CURB LIMITS |
| 3B.19 | Doty East | 221+07.26 | 23.2' LT | PED CURB PI |
| 3B.20 | Doty East | 221+01.16 | 20.5' LT | PED CURB PI |
| 3B.21 | Doty East | 220+64.74 | 20.5' LT | PED CURB PI |
| 3B.22 | Doty East | 220+51.40 | 24.5' LT | PED CURB PI |
| 3B.23 | Madison | 102+13.96 | 32.5' RT | PED CURB LIMITS |

### NOTES

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* SEE CURB RAMP DETAIL SHEETS FOR ADDITIONAL CURB RAMP INFORMATION.

| PROJECT NO: 6998-05-05/06 | HWY: S MADISON STREET | COUNTY: DODGE | PLAN DETAILS | SHEET 14 | E |
|---|---|---|---|---|---|

## LEGEND

- 1 CONCRETE CURB RAMP TYPE 1
- 2 CONCRETE CURB RAMP TYPE 2
- 3 CONCRETE CURB RAMP TYPE 3
- 4B CONCRETE CURB RAMP TYPE 4B
- 4B1 CONCRETE CURB RAMP TYPE 4B1
- 7B CONCRETE CURB RAMP TYPE 7B
- DATA POINT
- PROPOSED CATCH BASIN/ INLET
- PROPOSED STORM SEWER MANHOLE
- PROPOSED ENDWALL
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED HYDRANT
- PROPOSED WATER VALVE

## NOTES

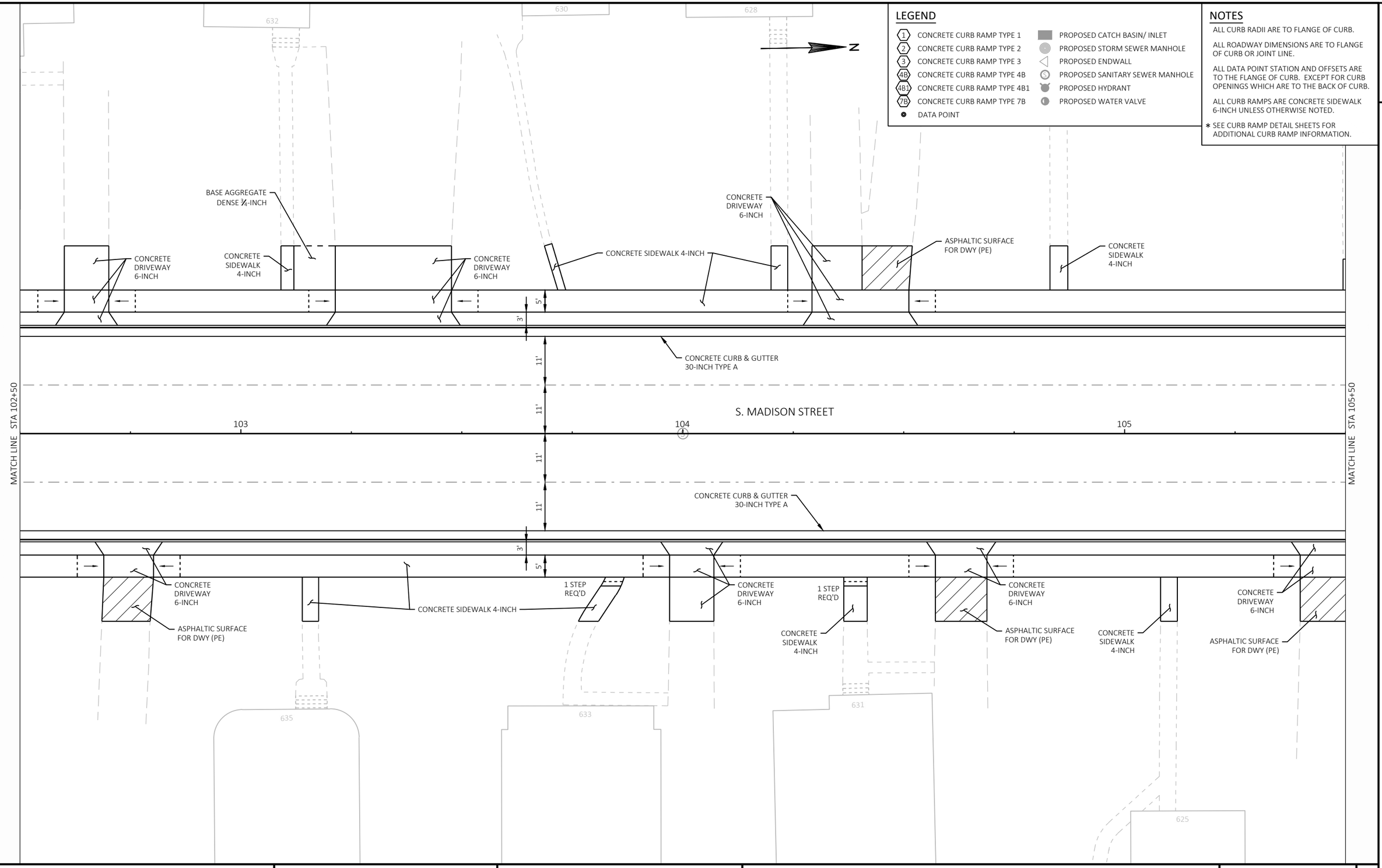
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| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | PLAN DETAILS | SHEET 15 | E |
|---|---|---|---|---|---|

## LEGEND

- 1 CONCRETE CURB RAMP TYPE 1
- 2 CONCRETE CURB RAMP TYPE 2
- 3 CONCRETE CURB RAMP TYPE 3
- 4B CONCRETE CURB RAMP TYPE 4B
- 4B1 CONCRETE CURB RAMP TYPE 4B1
- 7B CONCRETE CURB RAMP TYPE 7B
- DATA POINT
- PROPOSED CATCH BASIN/ INLET
- PROPOSED STORM SEWER MANHOLE
- PROPOSED ENDWALL
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED HYDRANT
- PROPOSED WATER VALVE

## DATA TABLE

| NUMBER | ALIGNMENT | STATION | OFFSET | DESCRIPTION |
|---|---|---|---|---|
| 5B.01 | Madison | 107+50.19 | 22.0' LT | RADIUS PC |
| 5B.02 | Madison | 107+62.57 | 27.3' LT | MID RADIUS |
| 5B.03 | Park West | 239+59.11 | 13.0' RT | RADIUS PC |
| 5B.04 | Park West | 239+49.11 | 13.0' RT | CONCRETE LIMITS |
| 5B.05 | Park West | 239+25.00 | 13.0' RT | MATCH EXIST C&G |
| 5B.06 | Park West | 239+25.00 | 13.0' LT | MATCH EXIST C&G |
| 5B.07 | Park West | 239+49.11 | 13.0' LT | CONCRETE LIMITS |

## DATA TABLE

| NUMBER | ALIGNMENT | STATION | OFFSET | DESCRIPTION |
|---|---|---|---|---|
| 5B.08 | Park West | 239+62.75 | 13.0' LT | RADIUS PC |
| 5B.09 | Madison | 107+98.65 | 26.6' LT | MID RADIUS |
| 5B.10 | Madison | 108+10.30 | 22.0' LT | RADIUS PC |
| 5B.11 | Park West | 239+35.00 | 23.8' RT | SW TAPER POINT |
| 5B.12 | Park West | 239+25.00 | 24.3' RT | MATCH EXIST SW |
| 5B.13 | Park West | 239+35.00 | 19.5' LT | SW TAPER POINT |
| 5B.14 | Park West | 239+25.00 | 20.5' LT | MATCH EXIST SW |

## RADIUS POINT TABLE

| NUMBER | ALIGNMENT | STATION | OFFSET | RADIUS |
|---|---|---|---|---|
| R5B.01 | Madison | 107+50.19 | -39.00' LT | 17.0' |
| R5B.02 | Madison | 108+10.30 | -39.00' LT | 17.0' |

## NOTES

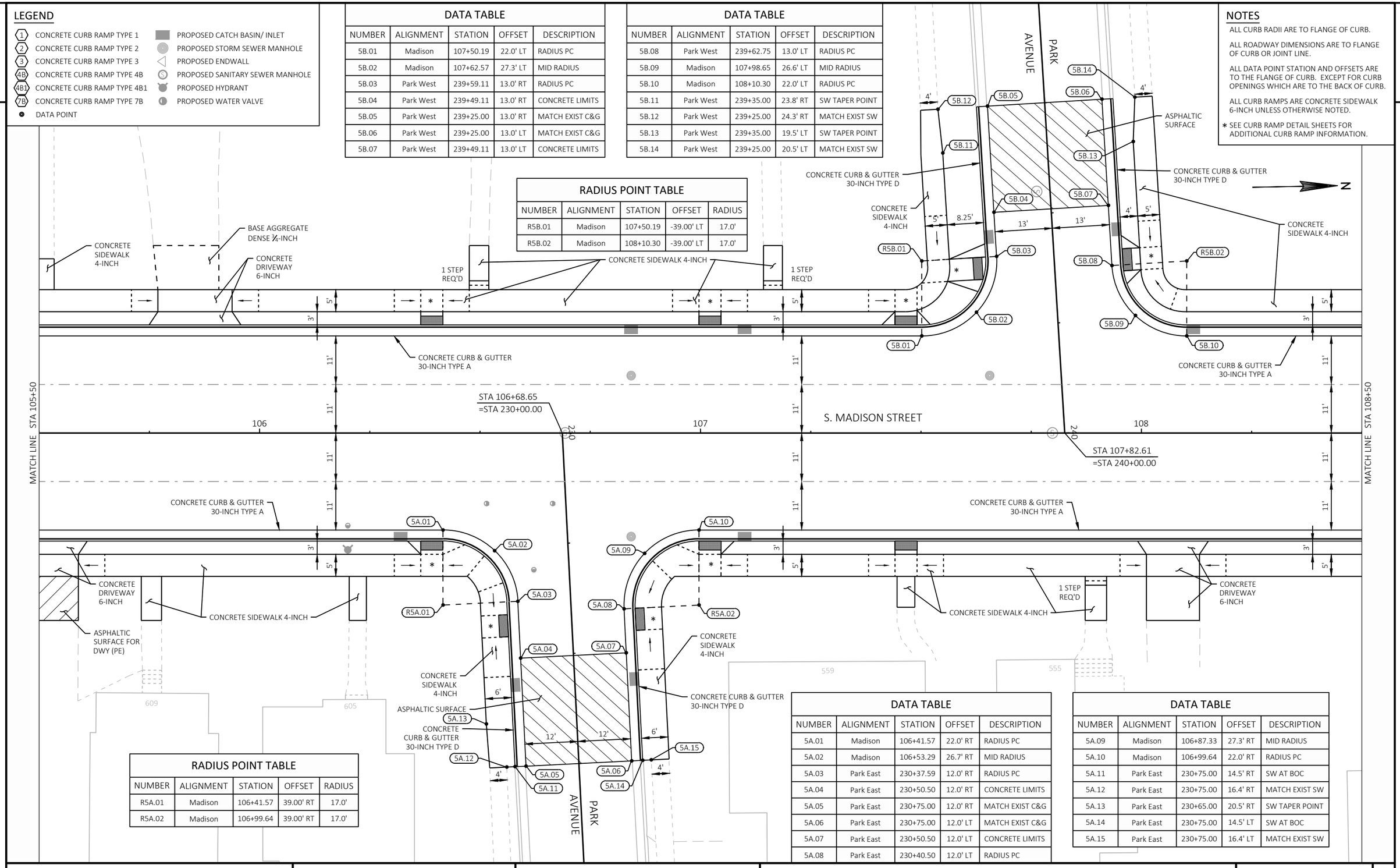
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* SEE CURB RAMP DETAIL SHEETS FOR ADDITIONAL CURB RAMP INFORMATION.




## RADIUS POINT TABLE

| NUMBER | ALIGNMENT | STATION | OFFSET | RADIUS |
|---|---|---|---|---|
| R5A.01 | Madison | 106+41.57 | 39.00' RT | 17.0' |
| R5A.02 | Madison | 106+99.64 | 39.00' RT | 17.0' |

## DATA TABLE

| NUMBER | ALIGNMENT | STATION | OFFSET | DESCRIPTION |
|---|---|---|---|---|
| 5A.01 | Madison | 106+41.57 | 22.0' RT | RADIUS PC |
| 5A.02 | Madison | 106+53.29 | 26.7' RT | MID RADIUS |
| 5A.03 | Park East | 230+37.59 | 12.0' RT | RADIUS PC |
| 5A.04 | Park East | 230+50.50 | 12.0' RT | CONCRETE LIMITS |
| 5A.05 | Park East | 230+75.00 | 12.0' RT | MATCH EXIST C&G |
| 5A.06 | Park East | 230+75.00 | 12.0' LT | MATCH EXIST C&G |
| 5A.07 | Park East | 230+50.50 | 12.0' LT | CONCRETE LIMITS |
| 5A.08 | Park East | 230+40.50 | 12.0' LT | RADIUS PC |

## DATA TABLE

| NUMBER | ALIGNMENT | STATION | OFFSET | DESCRIPTION |
|---|---|---|---|---|
| 5A.09 | Madison | 106+87.33 | 27.3' RT | MID RADIUS |
| 5A.10 | Madison | 106+99.64 | 22.0' RT | RADIUS PC |
| 5A.11 | Park East | 230+75.00 | 14.5' RT | SW AT BOC |
| 5A.12 | Park East | 230+75.00 | 16.4' RT | MATCH EXIST SW |
| 5A.13 | Park East | 230+65.00 | 20.5' RT | SW TAPER POINT |
| 5A.14 | Park East | 230+75.00 | 14.5' LT | SW AT BOC |
| 5A.15 | Park East | 230+75.00 | 16.4' LT | MATCH EXIST SW |

## NOTES

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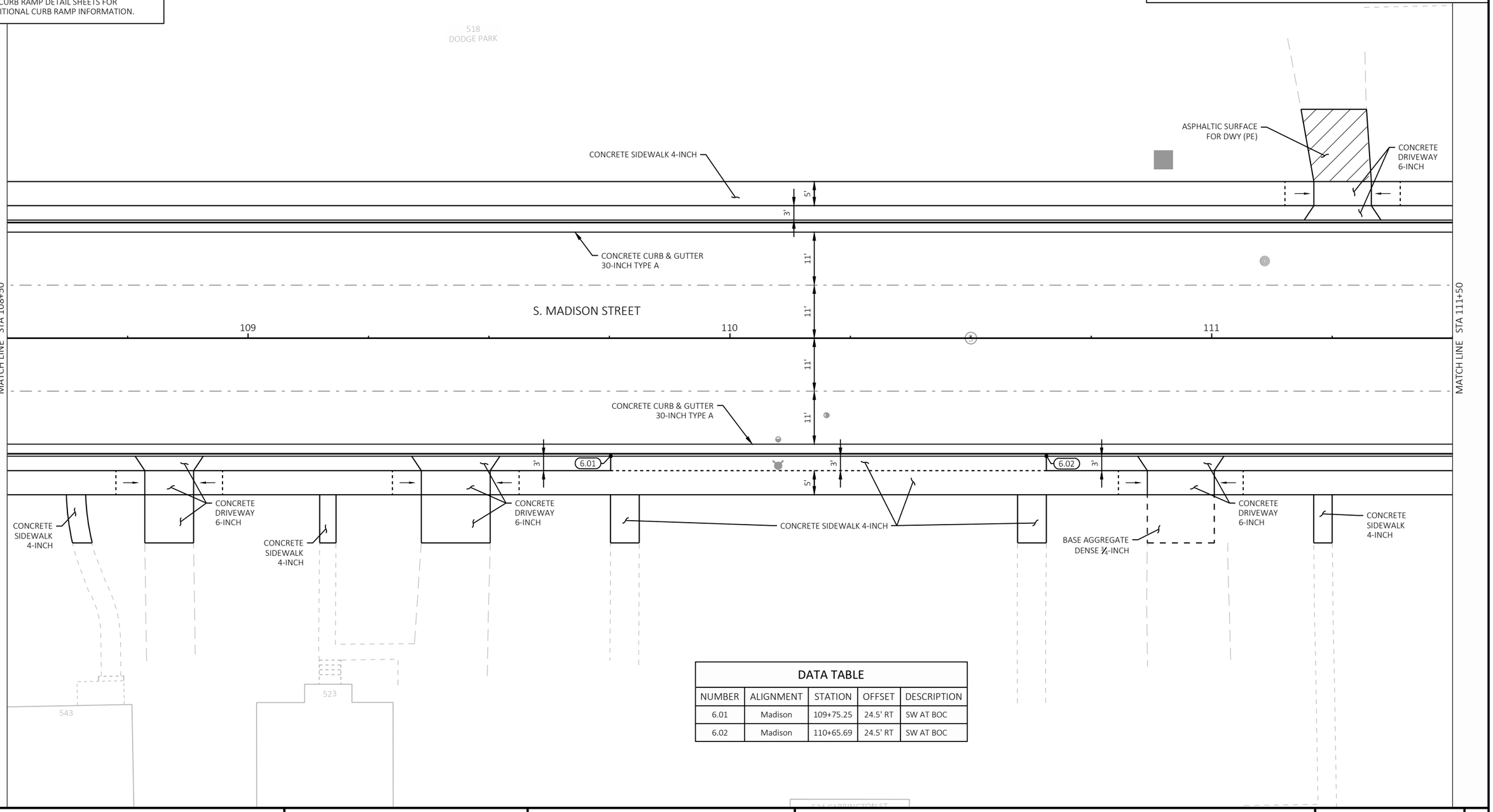
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## LEGEND

- 1 CONCRETE CURB RAMP TYPE 1
- 2 CONCRETE CURB RAMP TYPE 2
- 3 CONCRETE CURB RAMP TYPE 3
- 4B CONCRETE CURB RAMP TYPE 4B
- 4B1 CONCRETE CURB RAMP TYPE 4B1
- 7B CONCRETE CURB RAMP TYPE 7B
- DATA POINT
- PROPOSED CATCH BASIN/ INLET
- PROPOSED STORM SEWER MANHOLE
- PROPOSED ENDWALL
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED HYDRANT
- PROPOSED WATER VALVE




| DATA TABLE | | | | |
|---|---|---|---|---|
| NUMBER | ALIGNMENT | STATION | OFFSET | DESCRIPTION |
| 6.01 | Madison | 109+75.25 | 24.5' RT | SW AT BOC |
| 6.02 | Madison | 110+65.69 | 24.5' RT | SW AT BOC |

2

| DATA TABLE | | | | |
|---|---|---|---|---|
| NUMBER | ALIGNMENT | STATION | OFFSET | DESCRIPTION |
| 7.01 | Madison | 113+00.00 | 22.0' LT | MATCH EXIST C&G |
| 7.02 | Madison | 113+00.00 | 22.0' RT | MATCH EXIST C&G |
| 7.03 | Madison | 112+95.00 | 27.5' LT | MATCH EXIST SW |
| 7.04 | Madison | 112+95.00 | 27.5' RT | MATCH EXIST SW |

LEGEND

- CONCRETE CURB RAMP TYPE 1
- CONCRETE CURB RAMP TYPE 2
- CONCRETE CURB RAMP TYPE 3
- CONCRETE CURB RAMP TYPE 4B
- CONCRETE CURB RAMP TYPE 4B1
- CONCRETE CURB RAMP TYPE 7B
- DATA POINT
- PROPOSED CATCH BASIN/ INLET
- PROPOSED STORM SEWER MANHOLE
- PROPOSED ENDWALL
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED HYDRANT
- PROPOSED WATER VALVE

N

E. LINCOLN STREET

S. MADISON STREET

MATCH LINE STA 111+50

CONCRETE SIDEWALK 4-INCH

1 STEP REQ'D

SAWCUT EXISTING LIMESTONE SIDEWALK AT PROPOSED BACK OF WALK MATCH EXISTING LIMESTONE SIDEWALK

CONCRETE CURB & GUTTER 30-INCH TYPE A

CONCRETE CURB & GUTTER 30-INCH TYPE A

CONCRETE DRIVEWAY 6-INCH

CONCRETE SIDEWALK 4-INCH

CONCRETE DRIVEWAY 6-INCH

CONCRETE SIDEWALK 4-INCH

ASPHALTIC SURFACE FOR DWY (PE)

7.01 7.02 7.03 7.04

MH

112 113 114

500 514 507 501 517 416 415

NOTES

ALL CURB RADII ARE TO FLANGE OF CURB.

ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR JOINT LINE.

ALL DATA POINT STATION AND OFFSETS ARE TO THE FLANGE OF CURB. EXCEPT FOR CURB OPENINGS WHICH ARE TO THE BACK OF CURB.

ALL CURB RAMPS ARE CONCRETE SIDEWALK 6-INCH UNLESS OTHERWISE NOTED.

* SEE CURB RAMP DETAIL SHEETS FOR ADDITIONAL CURB RAMP INFORMATION.

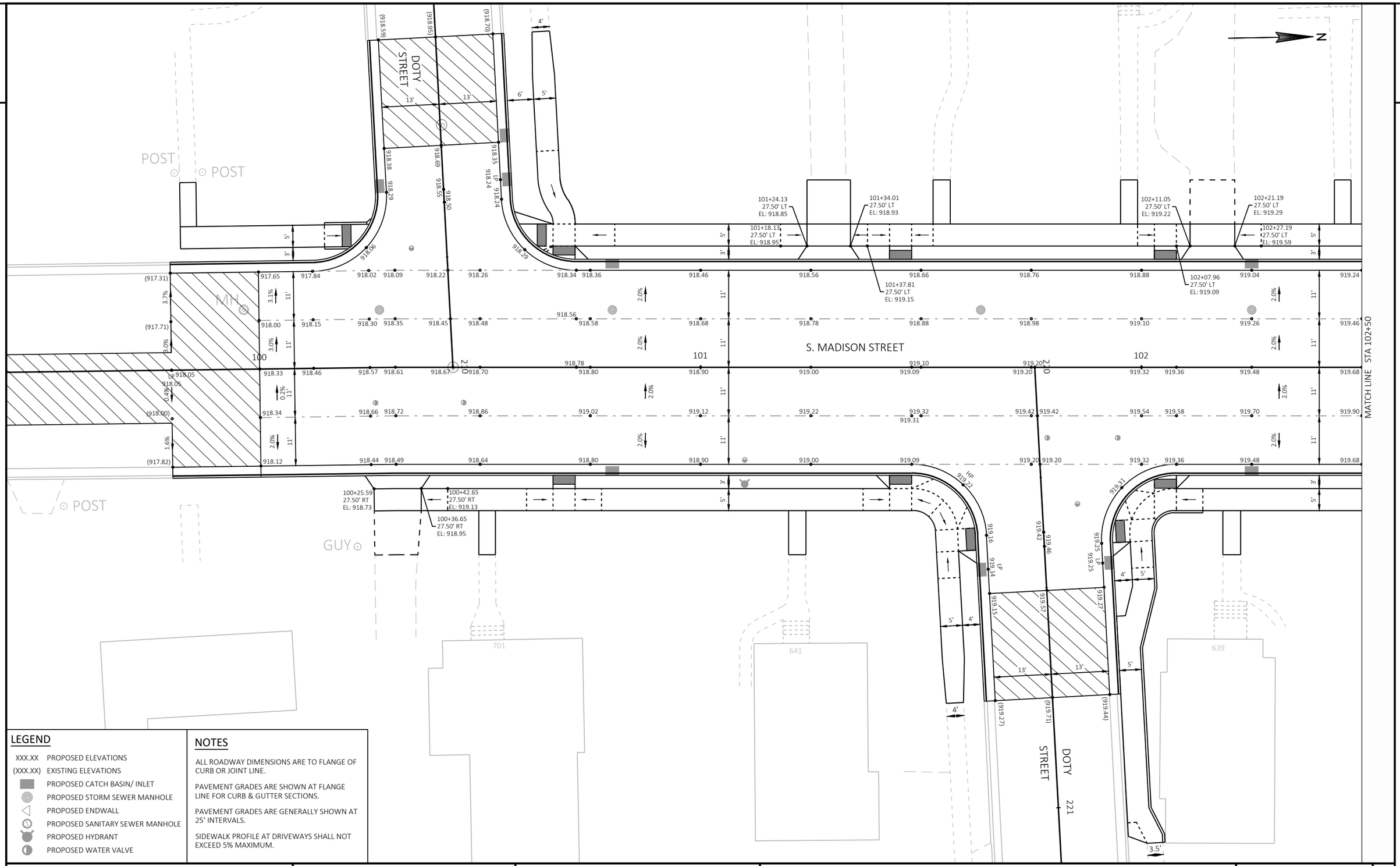
| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | PLAN DETAILS | SHEET 18 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-021201-PD.DWG
LAYOUT NAME - Sheet-07

PLOT DATE : 7/16/2020 11:34 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2




## LEGEND

| | |
|---|---|
| XXX.XX | PROPOSED ELEVATIONS |
| (XXX.XX) | EXISTING ELEVATIONS |
| | PROPOSED CATCH BASIN/ INLET |
| | PROPOSED STORM SEWER MANHOLE |
| | PROPOSED ENDWALL |
| | PROPOSED SANITARY SEWER MANHOLE |
| | PROPOSED HYDRANT |
| | PROPOSED WATER VALVE |

## NOTES

ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR JOINT LINE.

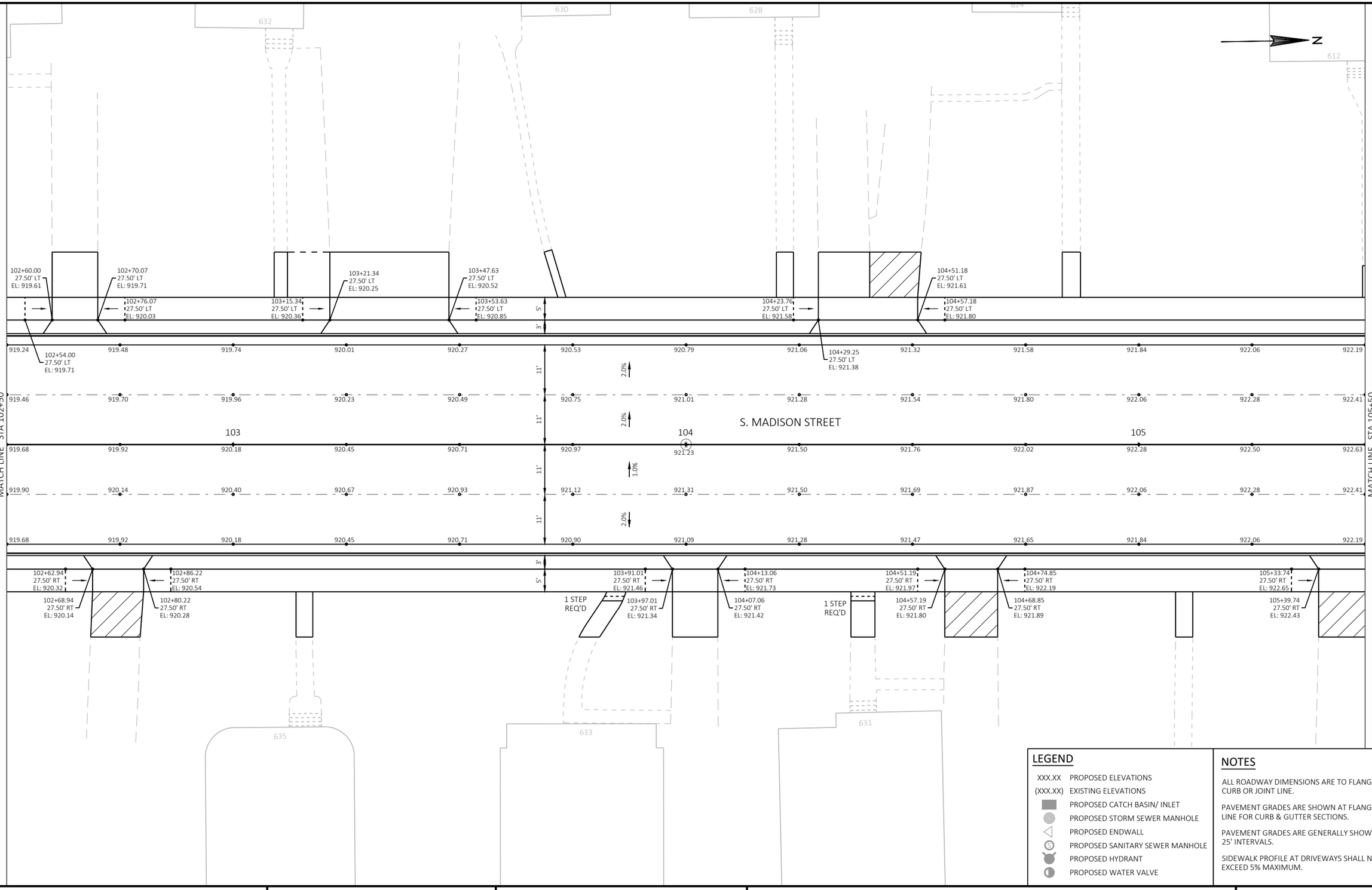
PAVEMENT GRADES ARE SHOWN AT FLANGE LINE FOR CURB & GUTTER SECTIONS.

PAVEMENT GRADES ARE GENERALLY SHOWN AT 25' INTERVALS.

SIDEWALK PROFILE AT DRIVEWAYS SHALL NOT EXCEED 5% MAXIMUM.

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | PAVEMENT GRADES | SHEET 19 | E |
|---|---|---|---|---|---|

2




## LEGEND

| | |
|---|---|
| XXX.XX | PROPOSED ELEVATIONS |
| (XXX.XX) | EXISTING ELEVATIONS |
| | PROPOSED CATCH BASIN/ INLET |
| | PROPOSED STORM SEWER MANHOLE |
| | PROPOSED ENDWALL |
| | PROPOSED SANITARY SEWER MANHOLE |
| | PROPOSED HYDRANT |
| | PROPOSED WATER VALVE |

## NOTES

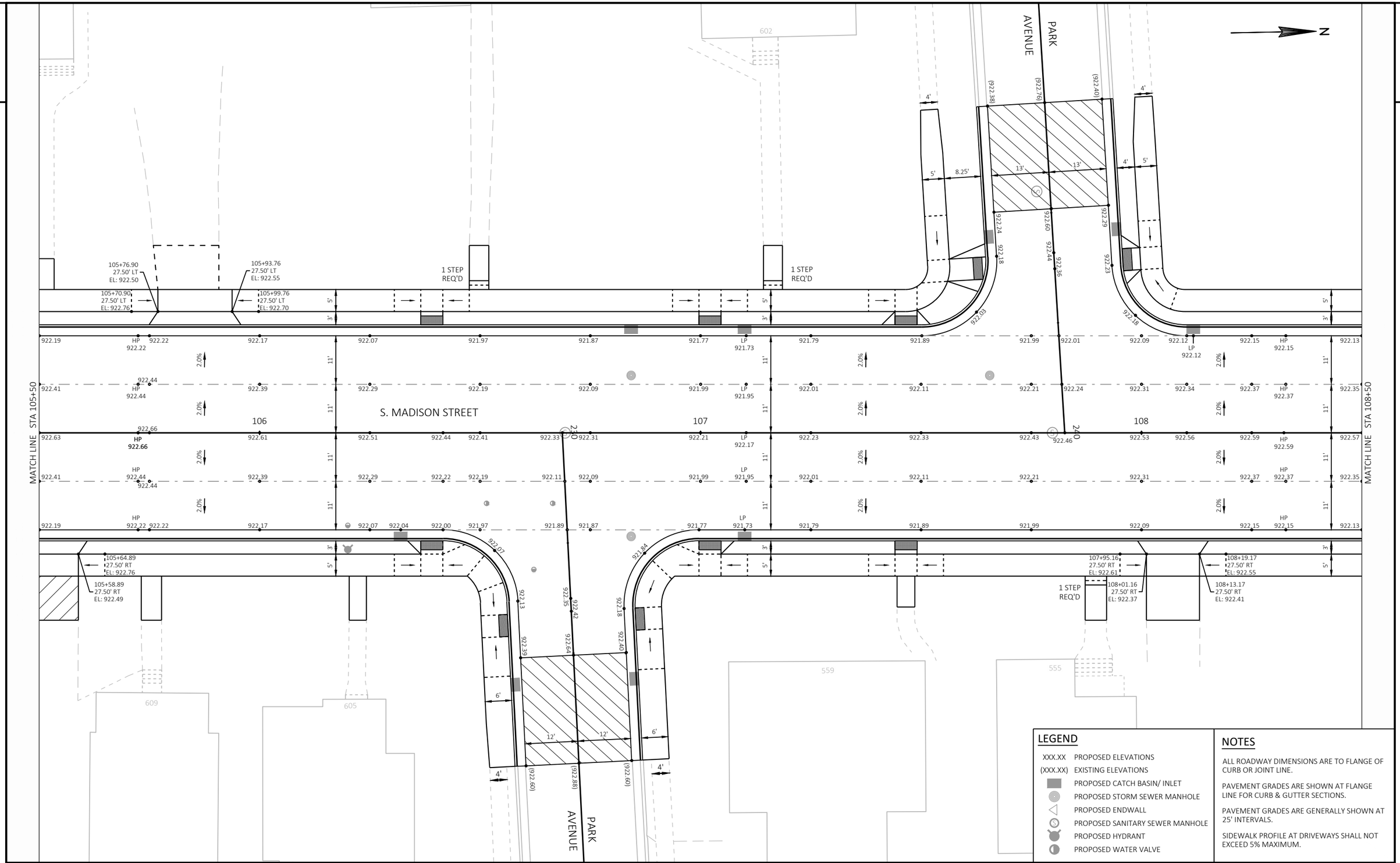
ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR JOINT LINE.

PAVEMENT GRADES ARE SHOWN AT FLANGE LINE FOR CURB & GUTTER SECTIONS.

PAVEMENT GRADES ARE GENERALLY SHOWN AT 25' INTERVALS.

SIDEWALK PROFILE AT DRIVEWAYS SHALL NOT EXCEED 5% MAXIMUM.

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | PAVEMENT GRADES | SHEET 20 | E |
|---|---|---|---|---|---|




## LEGEND

- XXX.XX PROPOSED ELEVATIONS
- (XXX.XX) EXISTING ELEVATIONS
- PROPOSED CATCH BASIN/ INLET
- PROPOSED STORM SEWER MANHOLE
- PROPOSED ENDWALL
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED HYDRANT
- PROPOSED WATER VALVE

## NOTES

ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR JOINT LINE.

PAVEMENT GRADES ARE SHOWN AT FLANGE LINE FOR CURB & GUTTER SECTIONS.

PAVEMENT GRADES ARE GENERALLY SHOWN AT 25' INTERVALS.

SIDEWALK PROFILE AT DRIVEWAYS SHALL NOT EXCEED 5% MAXIMUM.

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | PAVEMENT GRADES | SHEET 21 | E |
|---|---|---|---|---|---|

2

2

N

518
DODGE PARK

111+21.22
27.50' LT
EL: 920.76

111+33.16
27.50' LT
EL: 920.75

111+15.22
27.50' LT
EL: 920.94

111+39.16
27.50' LT
EL: 920.93

5'
3'

922.13 922.04 921.87 921.66 921.45 921.28 921.14 921.01 920.87 920.73 920.60 920.46 920.33

2.0% 2.0% 11' 2.0% 2.0% 2.0%

922.35 922.26 922.09 921.88 921.67 921.50 921.36 921.23 921.09 920.95 920.82 920.68 920.55

2.0% 1.7% 1.0% 11' 0.3% 0.0% 0.3% 1.0% 1.7% 2.2% 3.0%

109 110 111

922.57 922.48 922.31 922.10 921.89 921.68 921.47 921.26 921.05 920.84 920.63 920.43 920.22

MATCH LINE STA 108+50

2.0% 2.0% 11' 2.0% 2.0% 2.3% 3.0%

S. MADISON STREET

922.35 922.26 922.09 921.88 921.67 921.46 921.25 921.04 920.83 920.62 920.41 920.17 919.89

2.0% 2.0% 11' 2.0% 2.0% 2.3% 3.0%

922.13 922.04 921.87 921.66 921.45 921.24 921.03 920.82 920.61 920.40 920.19 919.91 919.56

MATCH LINE STA 111+50

3' 3' 3'

5'

108+72.54
27.50' RT
EL: 922.59

108+94.68
27.50' RT
EL: 922.33

109+29.93
27.50' RT
EL: 922.04

109+56.27
27.50' RT
EL: 921.81

110+80.66
27.50' RT
EL: 920.77

111+06.57
27.50' RT
EL: 920.55

108+78.54
27.50' RT
EL: 922.30

108+88.68
27.50' RT
EL: 922.24

109+35.93
27.50' RT
EL: 921.85

109+50.27
27.50' RT
EL: 921.73

110+86.66
27.50' RT
EL: 920.59

111+00.57
27.50' RT
EL: 920.47

543

523

E GARRINGTON ST

## LEGEND

| | |
|---|---|
| XXX.XX | PROPOSED ELEVATIONS |
| (XXX.XX) | EXISTING ELEVATIONS |
| | PROPOSED CATCH BASIN/ INLET |
| | PROPOSED STORM SEWER MANHOLE |
| | PROPOSED ENDWALL |
| | PROPOSED SANITARY SEWER MANHOLE |
| | PROPOSED HYDRANT |
| | PROPOSED WATER VALVE |

## NOTES

ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR JOINT LINE.

PAVEMENT GRADES ARE SHOWN AT FLANGE LINE FOR CURB & GUTTER SECTIONS.

PAVEMENT GRADES ARE GENERALLY SHOWN AT 25' INTERVALS.

SIDEWALK PROFILE AT DRIVEWAYS SHALL NOT EXCEED 5% MAXIMUM.

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | PAVEMENT GRADES | SHEET 22 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-021211-PG.DWG
LAYOUT NAME - Sheet-04

PLOT DATE : 7/16/2020 11:37 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

2

N

500

514

???

E. LINCOLN STREET

416

MH

1 STEP REQ'D

5'

3'

11'

S. MADISON STREET

112

113

114

MATCH LINE STA 111+50

920.33 920.12 919.91 919.70 919.49 919.30 (919.14)

2.0% 2.0% 1.4%

920.55 920.34 920.13 919.92 919.71 919.50 (919.28)

3.0% 3.0% 2.9%

920.22 920.01 919.80 919.59 919.38 919.17 (918.96)

3.0% 3.0% 2.5%

919.89 919.68 919.47 919.26 919.05 918.86 (918.70)

3.0% 3.0% 3.0% 3.7%

919.56 919.35 919.14 918.93 918.72 918.50 (918.28)

111+54.96
27.50' RT
EL: 919.94

111+60.96
27.50' RT
EL: 919.74

111+79.40
27.50' RT
EL: 919.85

111+73.40
27.50' RT
EL: 919.64

112+52.17
27.50' RT
EL: 919.17

112+58.17
27.50' RT
EL: 918.93

112+75.59
27.50' RT
EL: 919.04

112+69.59
27.50' RT
EL: 918.83

517

507

501

## LEGEND

| | |
|---|---|
| XXX.XX | PROPOSED ELEVATIONS |
| (XXX.XX) | EXISTING ELEVATIONS |
| | PROPOSED CATCH BASIN/ INLET |
| | PROPOSED STORM SEWER MANHOLE |
| | PROPOSED ENDWALL |
| | PROPOSED SANITARY SEWER MANHOLE |
| | PROPOSED HYDRANT |
| | PROPOSED WATER VALVE |

## NOTES

ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR JOINT LINE.

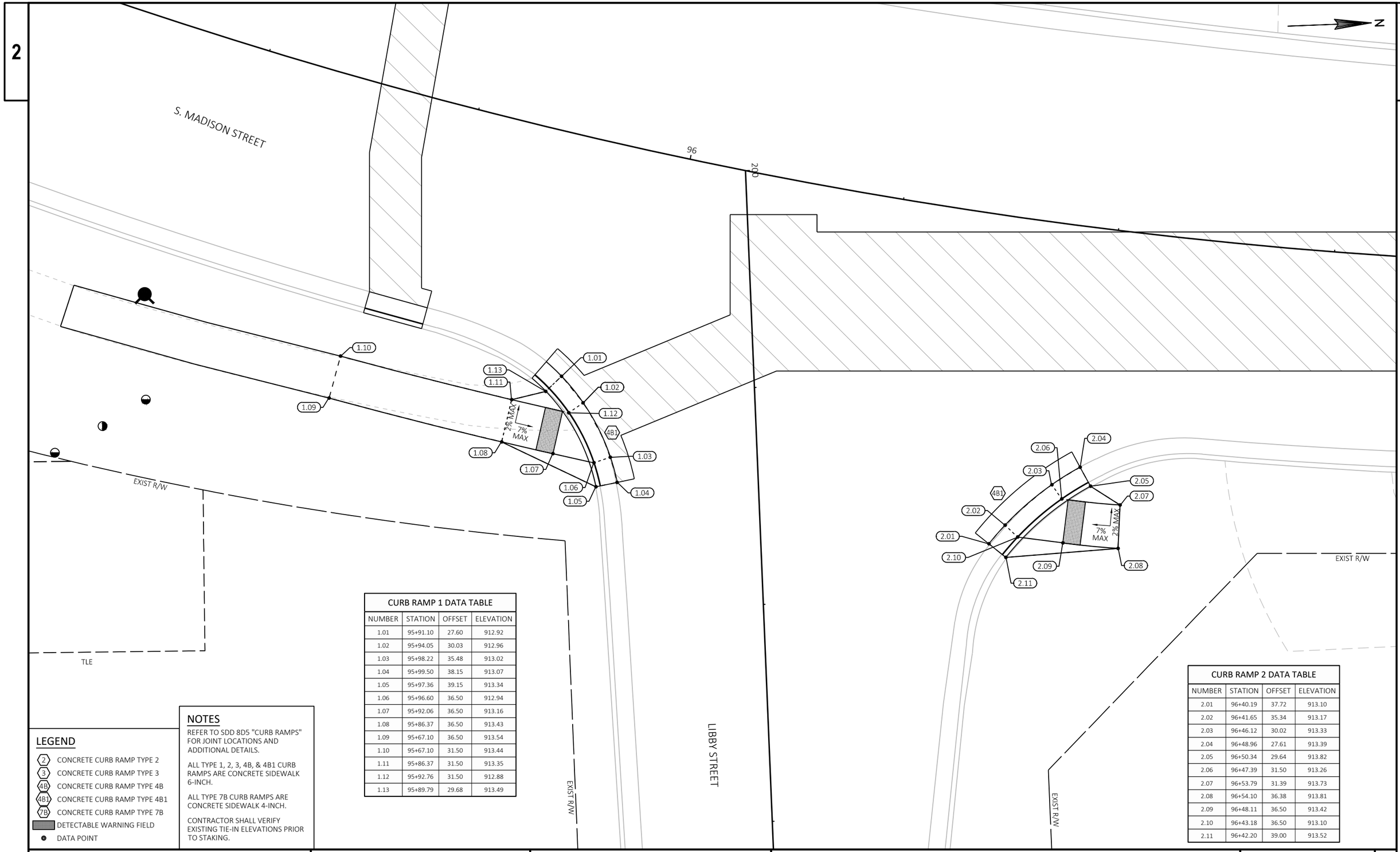
PAVEMENT GRADES ARE SHOWN AT FLANGE LINE FOR CURB & GUTTER SECTIONS.

PAVEMENT GRADES ARE GENERALLY SHOWN AT 25' INTERVALS.

SIDEWALK PROFILE AT DRIVEWAYS SHALL NOT EXCEED 5% MAXIMUM.

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | PAVEMENT GRADES | SHEET 23 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-021211-PG.DWG
LAYOUT NAME - Sheet-05
PLOT DATE : 7/16/2020 11:38 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42




| CURB RAMP 1 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 1.01 | 95+91.10 | 27.60 | 912.92 |
| 1.02 | 95+94.05 | 30.03 | 912.96 |
| 1.03 | 95+98.22 | 35.48 | 913.02 |
| 1.04 | 95+99.50 | 38.15 | 913.07 |
| 1.05 | 95+97.36 | 39.15 | 913.34 |
| 1.06 | 95+96.60 | 36.50 | 912.94 |
| 1.07 | 95+92.06 | 36.50 | 913.16 |
| 1.08 | 95+86.37 | 36.50 | 913.43 |
| 1.09 | 95+67.10 | 36.50 | 913.54 |
| 1.10 | 95+67.10 | 31.50 | 913.44 |
| 1.11 | 95+86.37 | 31.50 | 913.35 |
| 1.12 | 95+92.76 | 31.50 | 912.88 |
| 1.13 | 95+89.79 | 29.68 | 913.49 |

| CURB RAMP 2 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 2.01 | 96+40.19 | 37.72 | 913.10 |
| 2.02 | 96+41.65 | 35.34 | 913.17 |
| 2.03 | 96+46.12 | 30.02 | 913.33 |
| 2.04 | 96+48.96 | 27.61 | 913.39 |
| 2.05 | 96+50.34 | 29.64 | 913.82 |
| 2.06 | 96+47.39 | 31.50 | 913.26 |
| 2.07 | 96+53.79 | 31.39 | 913.73 |
| 2.08 | 96+54.10 | 36.38 | 913.81 |
| 2.09 | 96+48.11 | 36.50 | 913.42 |
| 2.10 | 96+43.18 | 36.50 | 913.10 |
| 2.11 | 96+42.20 | 39.00 | 913.52 |

## LEGEND

- 2 CONCRETE CURB RAMP TYPE 2
- 3 CONCRETE CURB RAMP TYPE 3
- 4B CONCRETE CURB RAMP TYPE 4B
- 4B1 CONCRETE CURB RAMP TYPE 4B1
- 7B CONCRETE CURB RAMP TYPE 7B
- DETECTABLE WARNING FIELD
- DATA POINT

## NOTES

REFER TO SDD 8D5 "CURB RAMPS" FOR JOINT LOCATIONS AND ADDITIONAL DETAILS.

ALL TYPE 1, 2, 3, 4B, & 4B1 CURB RAMPS ARE CONCRETE SIDEWALK 6-INCH.

ALL TYPE 7B CURB RAMPS ARE CONCRETE SIDEWALK 4-INCH.

CONTRACTOR SHALL VERIFY EXISTING TIE-IN ELEVATIONS PRIOR TO STAKING.

| PROJECT NO: 6998-05-06 | HWY: S MADISON STREET | COUNTY: DODGE | CURB RAMP DETAILS | SHEET 24 | E |
|---|---|---|---|---|---|

| CURB RAMP 4 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 4.01 | 100+56.51 | -31.63 | 918.27 |
| 4.02 | 100+58.31 | -32.50 | 918.19 |
| 4.03 | 100+57.81 | -35.31 | 918.67 |
| 4.04 | 100+63.00 | -32.50 | 918.36 |
| 4.05 | 100+66.54 | -32.50 | 918.49 |
| 4.06 | 100+65.68 | -35.31 | 918.64 |
| 4.07 | 100+63.11 | -42.94 | 919.04 |
| 4.08 | 100+62.79 | -48.93 | 919.34 |
| 4.09 | 100+67.79 | -49.19 | 919.41 |
| 4.10 | 100+68.10 | -43.20 | 919.12 |

| CURB RAMP 4 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 4.11 | 100+69.81 | -38.11 | 918.85 |
| 4.12 | 100+71.54 | -32.50 | 918.56 |
| 4.13 | 100+80.54 | -32.50 | 918.99 |
| 4.14 | 100+80.54 | -27.50 | 918.92 |
| 4.15 | 100+74.54 | -24.50 | 918.77 |
| 4.16 | 100+71.54 | -27.50 | 918.49 |
| 4.17 | 100+71.54 | -24.00 | 918.26 |
| 4.18 | 100+71.50 | -22.00 | 918.34 |
| 4.19 | 100+65.83 | -23.09 | 918.32 |
| 4.20 | 100+66.54 | -24.96 | 918.24 |

| CURB RAMP 4 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 4.21 | 100+66.54 | -27.50 | 918.42 |
| 4.22 | 100+65.08 | -26.17 | 918.43 |
| 4.23 | 100+64.32 | -26.60 | 918.41 |
| 4.24 | 100+62.20 | -27.50 | 918.22 |
| 4.25 | 100+60.91 | -25.97 | 918.30 |

| RADIUS POINT TABLE | | | | |
|---|---|---|---|---|
| NUMBER | ALIGNMENT | STATION | OFFSET | RADIUS |
| R4.01 | Madison | 100+61.54 | -32.50' LT | 5.0'/10.0' |
| R4.02 | Madison | 100+78.09 | -43.73' LT | 15.0'/10.0' |

| CURB RAMP 5 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 5.01 | 100+60.54 | 24.50 | 919.13 |
| 5.02 | 100+60.54 | 27.50 | 919.25 |
| 5.03 | 100+60.54 | 32.50 | 919.33 |
| 5.04 | 100+66.54 | 22.00 | 918.75 |
| 5.05 | 100+66.54 | 24.00 | 918.66 |
| 5.06 | 100+66.54 | 27.50 | 918.91 |
| 5.07 | 100+66.54 | 32.50 | 918.99 |
| 5.08 | 100+71.54 | 22.00 | 918.78 |
| 5.09 | 100+71.54 | 24.00 | 918.69 |
| 5.10 | 100+71.54 | 27.50 | 918.94 |
| 5.11 | 100+71.54 | 32.50 | 919.02 |
| 5.12 | 100+77.54 | 24.50 | 919.23 |
| 5.13 | 100+77.54 | 27.50 | 919.35 |
| 5.14 | 100+77.54 | 32.50 | 919.42 |

| CURB RAMP 3 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 3.01 | 100+23.18 | -25.97 | 918.03 |
| 3.02 | 100+21.89 | -27.50 | 917.95 |
| 3.03 | 100+20.40 | -27.00 | 918.42 |
| 3.04 | 100+15.09 | -27.00 | 918.38 |
| 3.05 | 100+15.09 | -27.50 | 918.38 |
| 3.06 | 100+15.09 | -32.50 | 918.48 |
| 3.07 | 100+15.09 | -33.00 | 918.48 |
| 3.08 | 100+21.09 | -32.50 | 918.25 |
| 3.09 | 100+24.72 | -33.00 | 918.60 |
| 3.10 | 100+25.83 | -33.87 | 918.59 |
| 3.11 | 100+25.78 | -32.50 | 918.07 |
| 3.12 | 100+27.58 | -31.63 | 918.15 |

S. MADISON STREET

DOTY STREET

209

210

100

TLE

EXIST R/W

PROP R/W

TRANSITION NOSE

CONCRETE CURB PEDESTRIAN

2% MAX

7% MAX

N

## LEGEND

- 2 CONCRETE CURB RAMP TYPE 2
- 3 CONCRETE CURB RAMP TYPE 3
- 4B CONCRETE CURB RAMP TYPE 4B
- 4B1 CONCRETE CURB RAMP TYPE 4B1
- 7B CONCRETE CURB RAMP TYPE 7B
- DETECTABLE WARNING FIELD
- DATA POINT

## NOTES

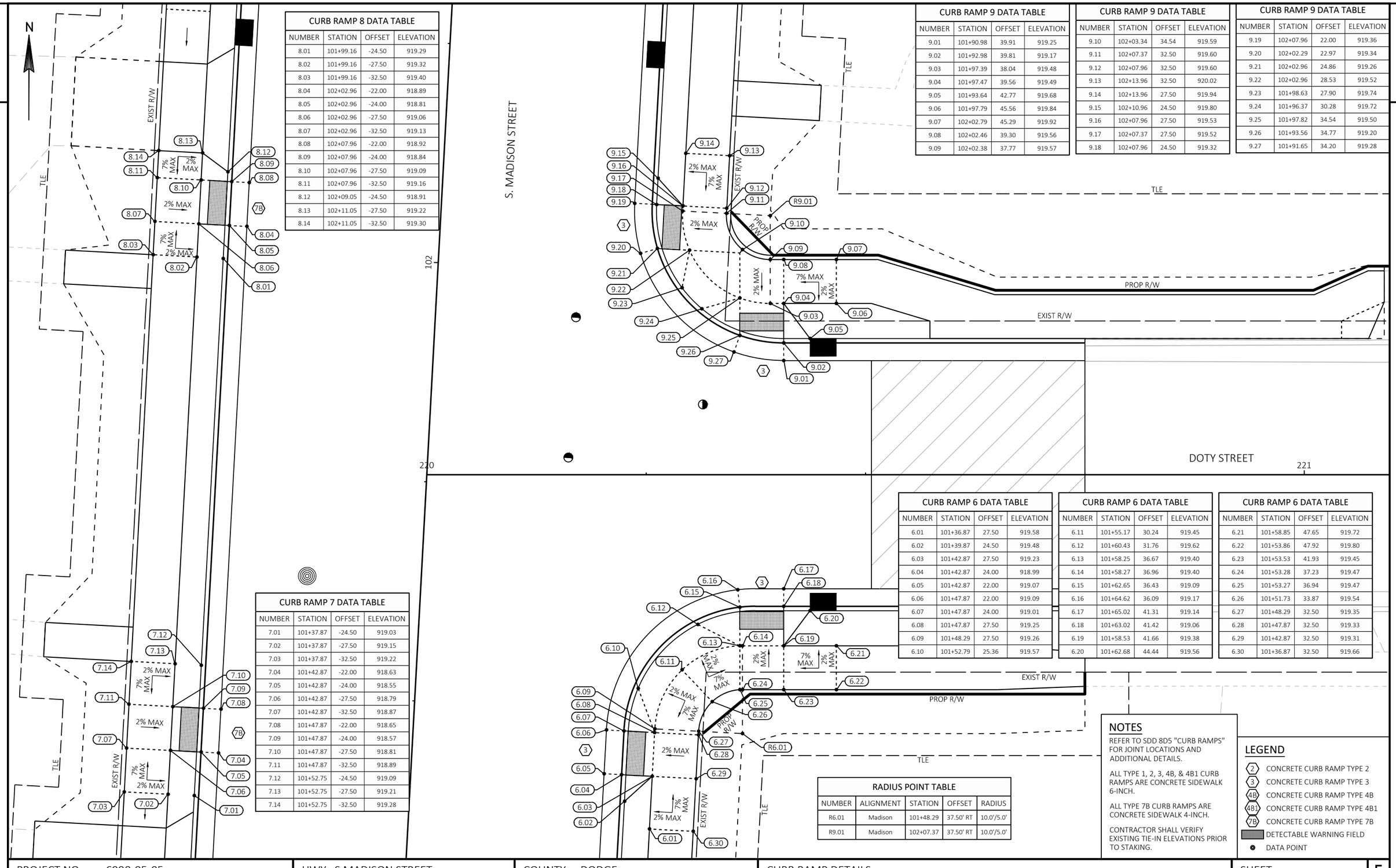
REFER TO SDD 8D5 "CURB RAMPS" FOR JOINT LOCATIONS AND ADDITIONAL DETAILS.

ALL TYPE 1, 2, 3, 4B, & 4B1 CURB RAMPS ARE CONCRETE SIDEWALK 6-INCH.

ALL TYPE 7B CURB RAMPS ARE CONCRETE SIDEWALK 4-INCH.

CONTRACTOR SHALL VERIFY EXISTING TIE-IN ELEVATIONS PRIOR TO STAKING.

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CURB RAMP DETAILS | SHEET 25 | E |
|---|---|---|---|---|---|




| CURB RAMP 8 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 8.01 | 101+99.16 | -24.50 | 919.29 |
| 8.02 | 101+99.16 | -27.50 | 919.32 |
| 8.03 | 101+99.16 | -32.50 | 919.40 |
| 8.04 | 102+02.96 | -22.00 | 918.89 |
| 8.05 | 102+02.96 | -24.00 | 918.81 |
| 8.06 | 102+02.96 | -27.50 | 919.06 |
| 8.07 | 102+02.96 | -32.50 | 919.13 |
| 8.08 | 102+07.96 | -22.00 | 918.92 |
| 8.09 | 102+07.96 | -24.00 | 918.84 |
| 8.10 | 102+07.96 | -27.50 | 919.09 |
| 8.11 | 102+07.96 | -32.50 | 919.16 |
| 8.12 | 102+09.05 | -24.50 | 918.91 |
| 8.13 | 102+11.05 | -27.50 | 919.22 |
| 8.14 | 102+11.05 | -32.50 | 919.30 |

| CURB RAMP 9 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 9.01 | 101+90.98 | 39.91 | 919.25 |
| 9.02 | 101+92.98 | 39.81 | 919.17 |
| 9.03 | 101+97.39 | 38.04 | 919.48 |
| 9.04 | 101+97.47 | 39.56 | 919.49 |
| 9.05 | 101+93.64 | 42.77 | 919.68 |
| 9.06 | 101+97.79 | 45.56 | 919.84 |
| 9.07 | 102+02.79 | 45.29 | 919.92 |
| 9.08 | 102+02.46 | 39.30 | 919.56 |
| 9.09 | 102+02.38 | 37.77 | 919.57 |

| CURB RAMP 9 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 9.10 | 102+03.34 | 34.54 | 919.59 |
| 9.11 | 102+07.37 | 32.50 | 919.60 |
| 9.12 | 102+07.96 | 32.50 | 919.60 |
| 9.13 | 102+13.96 | 32.50 | 920.02 |
| 9.14 | 102+13.96 | 27.50 | 919.94 |
| 9.15 | 102+10.96 | 24.50 | 919.80 |
| 9.16 | 102+07.96 | 27.50 | 919.53 |
| 9.17 | 102+07.37 | 27.50 | 919.52 |
| 9.18 | 102+07.96 | 24.50 | 919.32 |

| CURB RAMP 9 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 9.19 | 102+07.96 | 22.00 | 919.36 |
| 9.20 | 102+02.29 | 22.97 | 919.34 |
| 9.21 | 102+02.96 | 24.86 | 919.26 |
| 9.22 | 102+02.96 | 28.53 | 919.52 |
| 9.23 | 101+98.63 | 27.90 | 919.74 |
| 9.24 | 101+96.37 | 30.28 | 919.72 |
| 9.25 | 101+97.82 | 34.54 | 919.50 |
| 9.26 | 101+93.56 | 34.77 | 919.20 |
| 9.27 | 101+91.65 | 34.20 | 919.28 |

| CURB RAMP 7 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 7.01 | 101+37.87 | -24.50 | 919.03 |
| 7.02 | 101+37.87 | -27.50 | 919.15 |
| 7.03 | 101+37.87 | -32.50 | 919.22 |
| 7.04 | 101+42.87 | -22.00 | 918.63 |
| 7.05 | 101+42.87 | -24.00 | 918.55 |
| 7.06 | 101+42.87 | -27.50 | 918.79 |
| 7.07 | 101+42.87 | -32.50 | 918.87 |
| 7.08 | 101+47.87 | -22.00 | 918.65 |
| 7.09 | 101+47.87 | -24.00 | 918.57 |
| 7.10 | 101+47.87 | -27.50 | 918.81 |
| 7.11 | 101+47.87 | -32.50 | 918.89 |
| 7.12 | 101+52.75 | -24.50 | 919.09 |
| 7.13 | 101+52.75 | -27.50 | 919.21 |
| 7.14 | 101+52.75 | -32.50 | 919.28 |

| CURB RAMP 6 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 6.01 | 101+36.87 | 27.50 | 919.58 |
| 6.02 | 101+39.87 | 24.50 | 919.48 |
| 6.03 | 101+42.87 | 27.50 | 919.23 |
| 6.04 | 101+42.87 | 24.00 | 918.99 |
| 6.05 | 101+42.87 | 22.00 | 919.07 |
| 6.06 | 101+47.87 | 22.00 | 919.09 |
| 6.07 | 101+47.87 | 24.00 | 919.01 |
| 6.08 | 101+47.87 | 27.50 | 919.25 |
| 6.09 | 101+48.29 | 27.50 | 919.26 |
| 6.10 | 101+52.79 | 25.36 | 919.57 |

| CURB RAMP 6 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 6.11 | 101+55.17 | 30.24 | 919.45 |
| 6.12 | 101+60.43 | 31.76 | 919.62 |
| 6.13 | 101+58.25 | 36.67 | 919.40 |
| 6.14 | 101+58.27 | 36.96 | 919.40 |
| 6.15 | 101+62.65 | 36.43 | 919.09 |
| 6.16 | 101+64.62 | 36.09 | 919.17 |
| 6.17 | 101+65.02 | 41.31 | 919.14 |
| 6.18 | 101+63.02 | 41.42 | 919.06 |
| 6.19 | 101+58.53 | 41.66 | 919.38 |
| 6.20 | 101+62.68 | 44.44 | 919.56 |

| CURB RAMP 6 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 6.21 | 101+58.85 | 47.65 | 919.72 |
| 6.22 | 101+53.86 | 47.92 | 919.80 |
| 6.23 | 101+53.53 | 41.93 | 919.45 |
| 6.24 | 101+53.28 | 37.23 | 919.47 |
| 6.25 | 101+53.27 | 36.94 | 919.47 |
| 6.26 | 101+51.73 | 33.87 | 919.54 |
| 6.27 | 101+48.29 | 32.50 | 919.35 |
| 6.28 | 101+47.87 | 32.50 | 919.33 |
| 6.29 | 101+42.87 | 32.50 | 919.31 |
| 6.30 | 101+36.87 | 32.50 | 919.66 |

| RADIUS POINT TABLE | | | | |
|---|---|---|---|---|
| NUMBER | ALIGNMENT | STATION | OFFSET | RADIUS |
| R6.01 | Madison | 101+48.29 | 37.50' RT | 10.0'/5.0' |
| R9.01 | Madison | 102+07.37 | 37.50' RT | 10.0'/5.0' |

## NOTES

REFER TO SDD 8D5 "CURB RAMPS" FOR JOINT LOCATIONS AND ADDITIONAL DETAILS.

ALL TYPE 1, 2, 3, 4B, & 4B1 CURB RAMPS ARE CONCRETE SIDEWALK 6-INCH.

ALL TYPE 7B CURB RAMPS ARE CONCRETE SIDEWALK 4-INCH.

CONTRACTOR SHALL VERIFY EXISTING TIE-IN ELEVATIONS PRIOR TO STAKING.

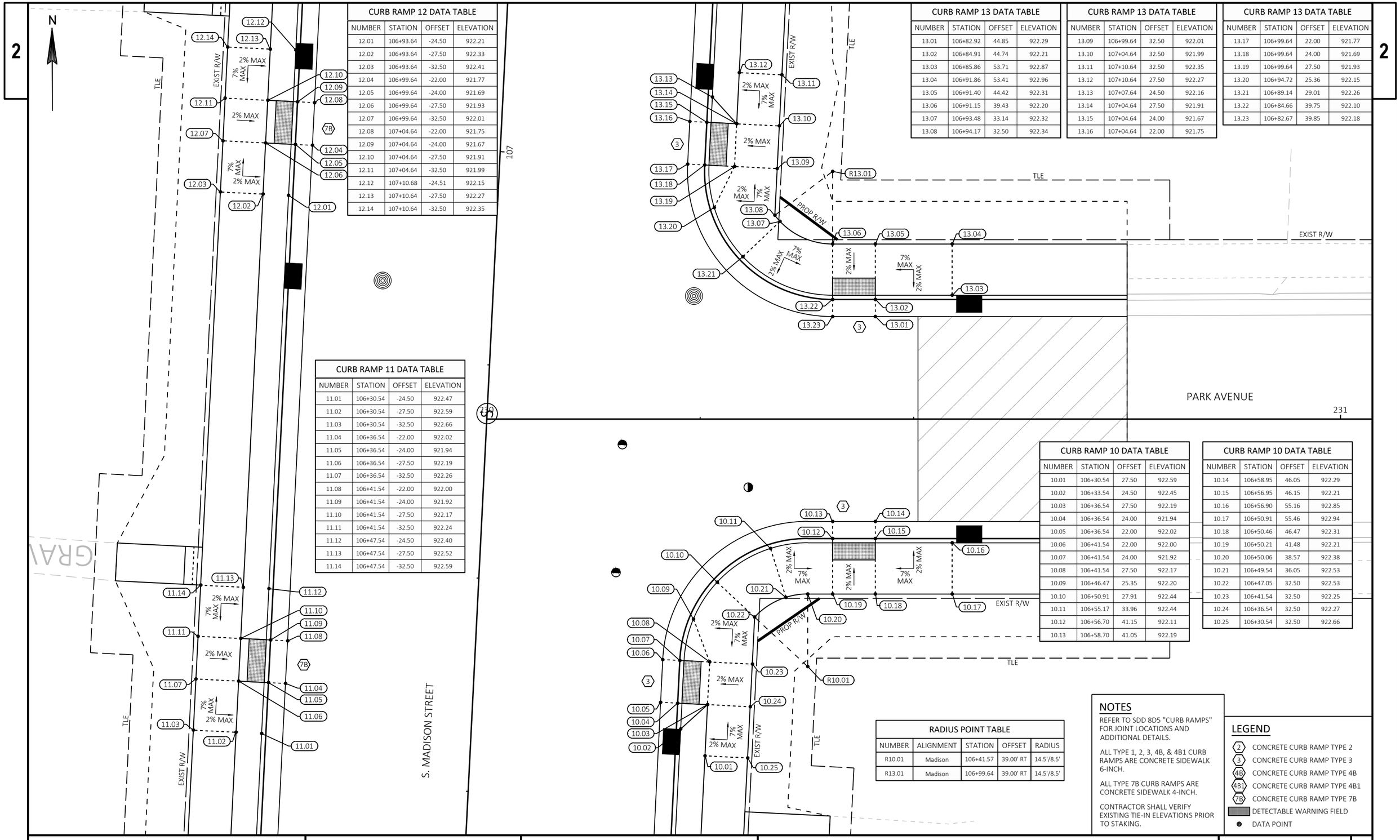
## LEGEND

- 2 — CONCRETE CURB RAMP TYPE 2
- 3 — CONCRETE CURB RAMP TYPE 3
- 4B — CONCRETE CURB RAMP TYPE 4B
- 4B1 — CONCRETE CURB RAMP TYPE 4B1
- 7B — CONCRETE CURB RAMP TYPE 7B
- DETECTABLE WARNING FIELD
- DATA POINT

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CURB RAMP DETAILS | SHEET 26 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-021301-CR.DWG
LAYOUT NAME - Sheet-03

PLOT DATE : 7/16/2020 11:40 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT




## CURB RAMP 12 DATA TABLE

| NUMBER | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 12.01 | 106+93.64 | -24.50 | 922.21 |
| 12.02 | 106+93.64 | -27.50 | 922.33 |
| 12.03 | 106+93.64 | -32.50 | 922.41 |
| 12.04 | 106+99.64 | -22.00 | 921.77 |
| 12.05 | 106+99.64 | -24.00 | 921.69 |
| 12.06 | 106+99.64 | -27.50 | 921.93 |
| 12.07 | 106+99.64 | -32.50 | 922.01 |
| 12.08 | 107+04.64 | -22.00 | 921.75 |
| 12.09 | 107+04.64 | -24.00 | 921.67 |
| 12.10 | 107+04.64 | -27.50 | 921.91 |
| 12.11 | 107+04.64 | -32.50 | 921.99 |
| 12.12 | 107+10.68 | -24.51 | 922.15 |
| 12.13 | 107+10.64 | -27.50 | 922.27 |
| 12.14 | 107+10.64 | -32.50 | 922.35 |

## CURB RAMP 11 DATA TABLE

| NUMBER | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 11.01 | 106+30.54 | -24.50 | 922.47 |
| 11.02 | 106+30.54 | -27.50 | 922.59 |
| 11.03 | 106+30.54 | -32.50 | 922.66 |
| 11.04 | 106+36.54 | -22.00 | 922.02 |
| 11.05 | 106+36.54 | -24.00 | 921.94 |
| 11.06 | 106+36.54 | -27.50 | 922.19 |
| 11.07 | 106+36.54 | -32.50 | 922.26 |
| 11.08 | 106+41.54 | -22.00 | 922.00 |
| 11.09 | 106+41.54 | -24.00 | 921.92 |
| 11.10 | 106+41.54 | -27.50 | 922.17 |
| 11.11 | 106+41.54 | -32.50 | 922.24 |
| 11.12 | 106+47.54 | -24.50 | 922.40 |
| 11.13 | 106+47.54 | -27.50 | 922.52 |
| 11.14 | 106+47.54 | -32.50 | 922.59 |

## CURB RAMP 13 DATA TABLE

| NUMBER | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 13.01 | 106+82.92 | 44.85 | 922.29 |
| 13.02 | 106+84.91 | 44.74 | 922.21 |
| 13.03 | 106+85.86 | 53.71 | 922.87 |
| 13.04 | 106+91.86 | 53.41 | 922.96 |
| 13.05 | 106+91.40 | 44.42 | 922.31 |
| 13.06 | 106+91.15 | 39.43 | 922.20 |
| 13.07 | 106+93.48 | 33.14 | 922.32 |
| 13.08 | 106+94.17 | 32.50 | 922.34 |

## CURB RAMP 13 DATA TABLE

| NUMBER | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 13.09 | 106+99.64 | 32.50 | 922.01 |
| 13.10 | 107+04.64 | 32.50 | 921.99 |
| 13.11 | 107+10.64 | 32.50 | 922.35 |
| 13.12 | 107+10.64 | 27.50 | 922.27 |
| 13.13 | 107+07.64 | 24.50 | 922.16 |
| 13.14 | 107+04.64 | 27.50 | 921.91 |
| 13.15 | 107+04.64 | 24.00 | 921.67 |
| 13.16 | 107+04.64 | 22.00 | 921.75 |

## CURB RAMP 13 DATA TABLE

| NUMBER | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 13.17 | 106+99.64 | 22.00 | 921.77 |
| 13.18 | 106+99.64 | 24.00 | 921.69 |
| 13.19 | 106+99.64 | 27.50 | 921.93 |
| 13.20 | 106+94.72 | 25.36 | 922.15 |
| 13.21 | 106+89.14 | 29.01 | 922.26 |
| 13.22 | 106+84.66 | 39.75 | 922.10 |
| 13.23 | 106+82.67 | 39.85 | 922.18 |

## CURB RAMP 10 DATA TABLE

| NUMBER | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 10.01 | 106+30.54 | 27.50 | 922.59 |
| 10.02 | 106+33.54 | 24.50 | 922.45 |
| 10.03 | 106+36.54 | 27.50 | 922.19 |
| 10.04 | 106+36.54 | 24.00 | 921.94 |
| 10.05 | 106+36.54 | 22.00 | 922.02 |
| 10.06 | 106+41.54 | 22.00 | 922.00 |
| 10.07 | 106+41.54 | 24.00 | 921.92 |
| 10.08 | 106+41.54 | 27.50 | 922.17 |
| 10.09 | 106+46.47 | 25.35 | 922.20 |
| 10.10 | 106+50.91 | 27.91 | 922.44 |
| 10.11 | 106+55.17 | 33.96 | 922.44 |
| 10.12 | 106+56.70 | 41.15 | 922.11 |
| 10.13 | 106+58.70 | 41.05 | 922.19 |

## CURB RAMP 10 DATA TABLE

| NUMBER | STATION | OFFSET | ELEVATION |
|---|---|---|---|
| 10.14 | 106+58.95 | 46.05 | 922.29 |
| 10.15 | 106+56.95 | 46.15 | 922.21 |
| 10.16 | 106+56.90 | 55.16 | 922.85 |
| 10.17 | 106+50.91 | 55.46 | 922.94 |
| 10.18 | 106+50.46 | 46.47 | 922.31 |
| 10.19 | 106+50.21 | 41.48 | 922.21 |
| 10.20 | 106+50.06 | 38.57 | 922.38 |
| 10.21 | 106+49.54 | 36.05 | 922.53 |
| 10.22 | 106+47.05 | 32.50 | 922.53 |
| 10.23 | 106+41.54 | 32.50 | 922.25 |
| 10.24 | 106+36.54 | 32.50 | 922.27 |
| 10.25 | 106+30.54 | 32.50 | 922.66 |

## RADIUS POINT TABLE

| NUMBER | ALIGNMENT | STATION | OFFSET | RADIUS |
|---|---|---|---|---|
| R10.01 | Madison | 106+41.57 | 39.00' RT | 14.5'/8.5' |
| R13.01 | Madison | 106+99.64 | 39.00' RT | 14.5'/8.5' |

## NOTES

REFER TO SDD 8D5 "CURB RAMPS" FOR JOINT LOCATIONS AND ADDITIONAL DETAILS.

ALL TYPE 1, 2, 3, 4B, & 4B1 CURB RAMPS ARE CONCRETE SIDEWALK 6-INCH.

ALL TYPE 7B CURB RAMPS ARE CONCRETE SIDEWALK 4-INCH.

CONTRACTOR SHALL VERIFY EXISTING TIE-IN ELEVATIONS PRIOR TO STAKING.

## LEGEND

- 2 CONCRETE CURB RAMP TYPE 2
- 3 CONCRETE CURB RAMP TYPE 3
- 4B CONCRETE CURB RAMP TYPE 4B
- 4B1 CONCRETE CURB RAMP TYPE 4B1
- 7B CONCRETE CURB RAMP TYPE 7B
- DETECTABLE WARNING FIELD
- DATA POINT

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CURB RAMP DETAILS | SHEET 27 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-021301-CR.DWG
LAYOUT NAME - Sheet-04

PLOT DATE : 7/16/2020 11:41 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT

| CURB RAMP 16 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 16.01 | 107+93.11 | -41.61 | 922.24 |
| 16.02 | 107+95.10 | -41.73 | 922.16 |
| 16.03 | 107+95.42 | -44.75 | 922.68 |
| 16.04 | 107+99.60 | -42.00 | 922.48 |
| 16.05 | 107+99.23 | -47.99 | 922.85 |
| 16.06 | 108+04.22 | -48.29 | 922.92 |

| CURB RAMP 16 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 16.07 | 108+04.59 | -42.31 | 922.55 |
| 16.08 | 108+04.89 | -37.31 | 922.53 |
| 16.09 | 108+04.90 | -37.20 | 922.53 |
| 16.10 | 108+08.25 | -32.78 | 922.66 |
| 16.11 | 108+09.89 | -32.50 | 922.71 |
| 16.12 | 108+09.89 | -27.50 | 922.65 |

| CURB RAMP 16 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 16.13 | 108+06.61 | -28.05 | 922.69 |
| 16.14 | 107+99.91 | -36.89 | 922.46 |
| 16.15 | 107+99.90 | -37.01 | 922.45 |
| 16.16 | 107+96.74 | -33.87 | 922.63 |
| 16.17 | 107+95.47 | -36.74 | 922.14 |
| 16.18 | 107+93.49 | -36.44 | 922.22 |

CONSTRUCTION PERMIT

CONSTRUCTION PERMIT

EXIST R/W

EXIST R/W

R16.01 16.11 16.12 16.10 16.09 16.13 16.06 16.07 16.08 16.14 16.05 16.04 16.15 16.03 16.17 16.16 16.02 16.18 16.01

7% MAX 2% MAX 2% MAX 7% MAX 2% MAX

3

EXIST R/W

PARK AVENUE

239

240

S. MADISON STREET

108

S

S

| CURB RAMP 15 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 15.01 | 107+44.10 | -22.00 | 921.86 |
| 15.02 | 107+44.10 | -24.00 | 921.78 |
| 15.03 | 107+44.10 | -27.50 | 922.03 |
| 15.04 | 107+41.10 | -24.50 | 922.27 |
| 15.05 | 107+38.10 | -27.50 | 922.38 |
| 15.06 | 107+38.10 | -32.50 | 922.46 |
| 15.07 | 107+44.10 | -32.50 | 922.10 |
| 15.08 | 107+46.52 | -32.50 | 922.13 |
| 15.09 | 107+49.10 | -33.22 | 922.15 |
| 15.10 | 107+50.08 | -33.98 | 922.21 |
| 15.11 | 107+51.51 | -37.80 | 922.27 |
| 15.12 | 107+51.44 | -39.08 | 922.29 |
| 15.13 | 107+50.83 | -49.06 | 923.06 |
| 15.14 | 107+55.82 | -49.36 | 922.99 |

| CURB RAMP 15 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 15.15 | 107+64.48 | -42.87 | 922.62 |
| 15.16 | 107+56.43 | -39.38 | 922.22 |
| 15.17 | 107+56.50 | -38.11 | 922.20 |
| 15.18 | 107+65.16 | -39.91 | 922.10 |
| 15.19 | 107+67.16 | -40.03 | 922.18 |
| 15.20 | 107+66.53 | -34.32 | 922.12 |
| 15.21 | 107+64.61 | -34.87 | 922.04 |
| 15.22 | 107+56.01 | -34.34 | 922.14 |
| 15.23 | 107+62.92 | -32.07 | 922.23 |
| 15.24 | 107+52.10 | -24.63 | 922.11 |
| 15.25 | 107+49.10 | -27.84 | 922.07 |
| 15.26 | 107+46.52 | -27.50 | 922.04 |
| 15.27 | 107+49.10 | -24.00 | 921.80 |
| 15.28 | 107+49.10 | -22.00 | 921.88 |

| CURB RAMP 14 DATA TABLE | | | |
|---|---|---|---|
| NUMBER | STATION | OFFSET | ELEVATION |
| 14.01 | 107+38.10 | 24.50 | 922.26 |
| 14.02 | 107+38.10 | 27.50 | 922.38 |
| 14.03 | 107+38.10 | 32.50 | 922.46 |
| 14.04 | 107+44.10 | 22.00 | 921.86 |
| 14.05 | 107+44.10 | 24.00 | 921.78 |
| 14.06 | 107+44.10 | 27.50 | 922.03 |
| 14.07 | 107+44.10 | 32.50 | 922.10 |
| 14.08 | 107+49.10 | 22.00 | 921.88 |
| 14.09 | 107+49.10 | 24.00 | 921.80 |
| 14.10 | 107+49.10 | 27.50 | 922.05 |
| 14.11 | 107+49.10 | 32.50 | 922.12 |
| 14.12 | 107+55.10 | 24.50 | 922.33 |
| 14.13 | 107+55.10 | 27.50 | 922.45 |
| 14.14 | 107+55.10 | 32.50 | 922.52 |

15.19 15.18 3 15.20 15.21 15.23 15.15 7% MAX 15.17 15.16 15.14 2% MAX 7% MAX 2% MAX 15.22 EXIST R/W 15.13 15.24 15.25 15.27 15.28 15.10 15.09 PROP R/W 15.12 15.11 PROP R/W 2% MAX 3 R15.01 15.08 15.26 TLE 15.07 15.01 15.02 15.03 15.04 7% MAX 2% MAX 15.06 15.05 TLE EXIST R/W

14.12 14.13 14.14 14.10 2% MAX 7% MAX 14.09 14.08 14.11 7B 2% MAX 14.04 14.05 14.06 14.07 TLE 7% MAX 2% MAX 14.03 14.01 14.02 EXIST R/W

EXIST R/W

TLE

N

## LEGEND

- 2 CONCRETE CURB RAMP TYPE 2
- 3 CONCRETE CURB RAMP TYPE 3
- 4B CONCRETE CURB RAMP TYPE 4B
- 4B1 CONCRETE CURB RAMP TYPE 4B1
- 7B CONCRETE CURB RAMP TYPE 7B
- DETECTABLE WARNING FIELD
- DATA POINT

## NOTES

REFER TO SDD 8D5 "CURB RAMPS" FOR JOINT LOCATIONS AND ADDITIONAL DETAILS.

ALL TYPE 1, 2, 3, 4B, & 4B1 CURB RAMPS ARE CONCRETE SIDEWALK 6-INCH.

ALL TYPE 7B CURB RAMPS ARE CONCRETE SIDEWALK 4-INCH.

CONTRACTOR SHALL VERIFY EXISTING TIE-IN ELEVATIONS PRIOR TO STAKING.

| RADIUS POINT TABLE | | | | |
|---|---|---|---|---|
| NUMBER | ALIGNMENT | STATION | OFFSET | RADIUS |
| R15.01 | Madison | 107+46.52 | -37.50' LT | 10.0'/5.0' |
| R16.01 | Madison | 108+09.89 | -37.50' LT | 10.0'/5.0' |

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CURB RAMP DETAILS | SHEET 28 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-021301-CR.DWG
LAYOUT NAME - Sheet-05
PLOT DATE : 7/16/2020 11:41 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

## LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- ROCK BAGS FOR SILT FENCE RELIEF POINT
- INLET PROTECTION (TYPE)

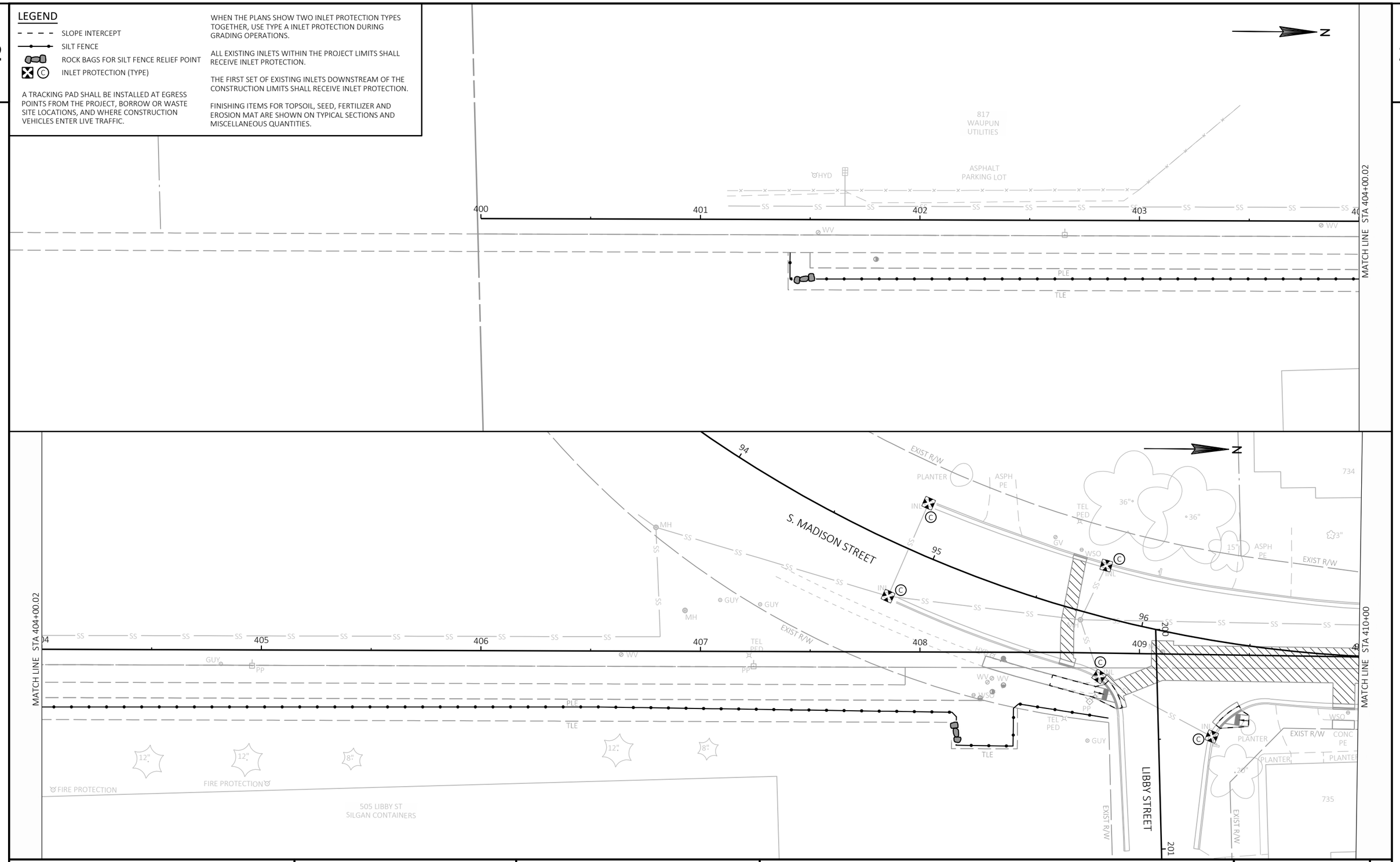
A TRACKING PAD SHALL BE INSTALLED AT EGRESS POINTS FROM THE PROJECT, BORROW OR WASTE SITE LOCATIONS, AND WHERE CONSTRUCTION VEHICLES ENTER LIVE TRAFFIC.

WHEN THE PLANS SHOW TWO INLET PROTECTION TYPES TOGETHER, USE TYPE A INLET PROTECTION DURING GRADING OPERATIONS.

ALL EXISTING INLETS WITHIN THE PROJECT LIMITS SHALL RECEIVE INLET PROTECTION.

THE FIRST SET OF EXISTING INLETS DOWNSTREAM OF THE CONSTRUCTION LIMITS SHALL RECEIVE INLET PROTECTION.

FINISHING ITEMS FOR TOPSOIL, SEED, FERTILIZER AND EROSION MAT ARE SHOWN ON TYPICAL SECTIONS AND MISCELLANEOUS QUANTITIES.




| PROJECT NO: 6998-05-06 | HWY: S MADISON STREET | COUNTY: DODGE | EROSION CONTROL PLANS | SHEET 29 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-022001-EC.DWG
LAYOUT NAME - Sheet-01

PLOT DATE : 7/16/2020 11:44 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

## LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- ROCK BAGS FOR SILT FENCE RELIEF POINT
- INLET PROTECTION (TYPE)

A TRACKING PAD SHALL BE INSTALLED AT EGRESS POINTS FROM THE PROJECT, BORROW OR WASTE SITE LOCATIONS, AND WHERE CONSTRUCTION VEHICLES ENTER LIVE TRAFFIC.

WHEN THE PLANS SHOW TWO INLET PROTECTION TYPES TOGETHER, USE TYPE A INLET PROTECTION DURING GRADING OPERATIONS.

ALL EXISTING INLETS WITHIN THE PROJECT LIMITS SHALL RECEIVE INLET PROTECTION.

THE FIRST SET OF EXISTING INLETS DOWNSTREAM OF THE CONSTRUCTION LIMITS SHALL RECEIVE INLET PROTECTION.

FINISHING ITEMS FOR TOPSOIL, SEED, FERTILIZER AND EROSION MAT ARE SHOWN ON TYPICAL SECTIONS AND MISCELLANEOUS QUANTITIES.

MATCH LINE STA 410+00

MATCH LINE STA 103+00

MATCH LINE STA 103+00

MATCH LINE STA 109+00

S. MADISON STREET

DOTY STREET

PARK AVENUE

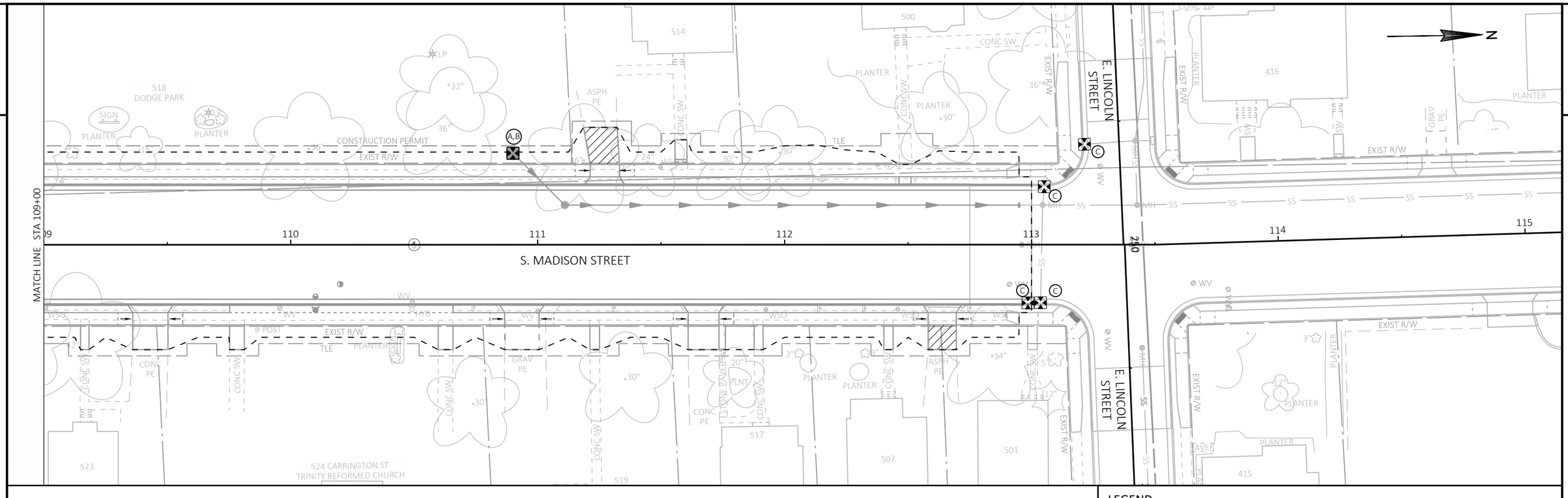
CONSTRUCTION PERMIT

| PROJECT NO: 6998-05-05/06 | HWY: S MADISON STREET | COUNTY: DODGE | EROSION CONTROL PLANS | SHEET 30 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-022001-EC.DWG
LAYOUT NAME - Sheet-02

PLOT DATE : 7/16/2020 11:45 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44




## LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- ROCK BAGS FOR SILT FENCE RELIEF POINT
- INLET PROTECTION (TYPE)

A TRACKING PAD SHALL BE INSTALLED AT EGRESS POINTS FROM THE PROJECT, BORROW OR WASTE SITE LOCATIONS, AND WHERE CONSTRUCTION VEHICLES ENTER LIVE TRAFFIC.

WHEN THE PLANS SHOW TWO INLET PROTECTION TYPES TOGETHER, USE TYPE A INLET PROTECTION DURING GRADING OPERATIONS.

ALL EXISTING INLETS WITHIN THE PROJECT LIMITS SHALL RECEIVE INLET PROTECTION.

THE FIRST SET OF EXISTING INLETS DOWNSTREAM OF THE CONSTRUCTION LIMITS SHALL RECEIVE INLET PROTECTION.

FINISHING ITEMS FOR TOPSOIL, SEED, FERTILIZER AND EROSION MAT ARE SHOWN ON TYPICAL SECTIONS AND MISCELLANEOUS QUANTITIES.

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | EROSION CONTROL PLANS | SHEET 31 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-022001-EC.DWG
LAYOUT NAME - Sheet-03
PLOT DATE : 7/16/2020 11:45 AM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

## NOTES

STORM SEWER LATERALS SHALL BE 6-INCH UNLESS NOTED OTHERWISE

DEPTH = RIM - SUMP

N

209+58.11, 14.5' RT — CATCH BASINS 2x3-H — 11.1

100+27.33, -13.0' LT — MANHOLES 5-J-S — 11

99+95.00, -13.5' LT — CONCRETE COLLAR — 10

209+48.11, -14.5' LT — CATCH BASINS 2x3-H — 11.3

209+58.11, -14.5' LT — CATCH BASINS 2x3-H-S — 11.2

100+80.00, -23.5' LT — CATCH BASINS 2x3-H — 12.1

100+80.00, -13.0' LT — MANHOLES 4-J-S — 12

101+63.54, -13.0' LT — MANHOLES 4-J-S — 13

102+25.00, -23.5' LT — CATCH BASINS 2x3-H — 14.1

102+25.00, -13.0' LT — MANHOLES 4-J-S — 14

100+80.00, 23.5' RT — CATCH BASINS 2x3-H — 12.2

102+25.00, 23.5' RT — CATCH BASINS 2x3-H — 14.2

220+45.17, 14.5' RT — CATCH BASINS 2x3-H-S — 13.1

220+45.17, -14.5' LT — CATCH BASINS 2x3-H-S — 13.2

STORM SEWER LATERAL SYSTEM (SEE DETAIL)

S. MADISON STREET

DOTY STREET

MATCH LINE STA 103+00

BM C

TREE LINE

EXISTING R/L PROFILE

PROPOSED R/L PROFILE

10
INV: 909.72

11
RIM: 918.27
SUMP: 909.75
DEPTH: 8.52
N INV IN: 910.25
W INV IN: 913.00
S INV OUT: 909.75

12
RIM: 918.56
SUMP: 910.81
DEPTH: 7.75
N INV IN: 910.81
W INV IN: 913.81
E INV IN: 913.81
S INV OUT: 910.81

13
RIM: 918.89
SUMP: 911.68
DEPTH: 7.21
N INV IN: 911.68
E INV IN: 913.68
S INV OUT: 911.68

14
RIM: 919.22
SUMP: 912.33
DEPTH: 6.89
N INV IN: 914.05
W INV IN: 914.55
E INV IN: 914.55
S INV OUT: 912.33

32.3' of SSP CLASS III-B 21-INCH @ 0.10%

52.8' of SSP CLASS III-B 18-INCH @ 1.05%

83.5' of SSP CLASS III-B 18-INCH @ 1.05%

61.5' of SSP CLASS III-B 18-INCH @ 1.05%

10" WM

8" SAN

21" SSP-CONC

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | STORM SEWER S MADISON STREET | SHEET 32 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-022501-SS.DWG
LAYOUT NAME - Sheet-01

PLOT DATE : 7/16/2020 3:55 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

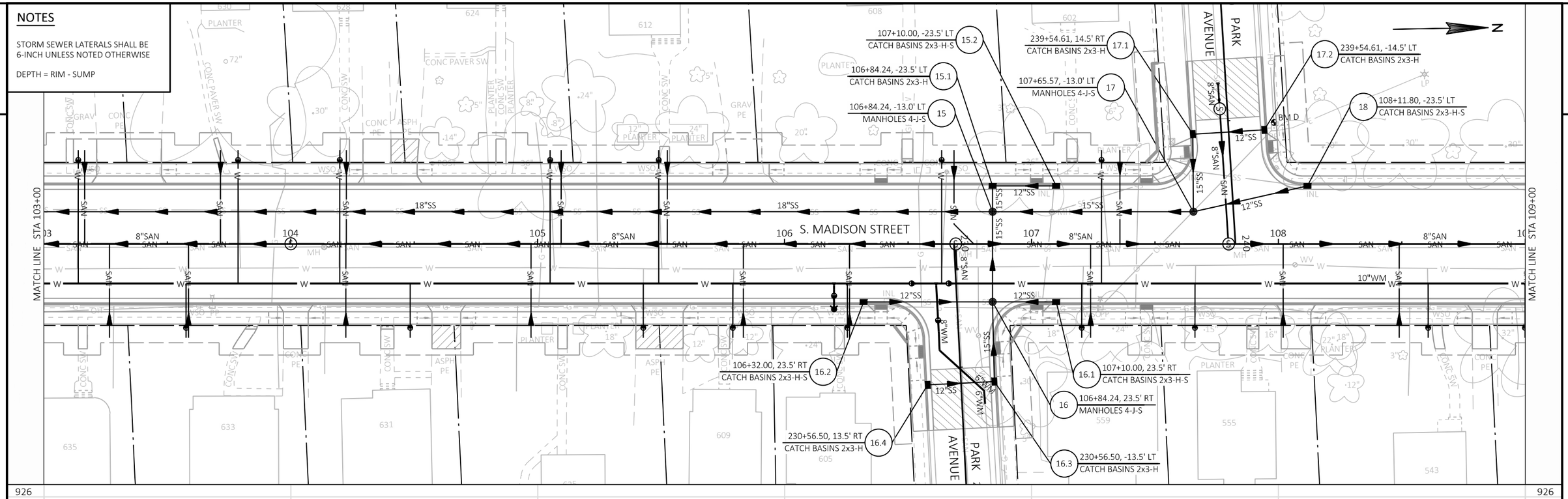
WISDOT/CADDS SHEET 41

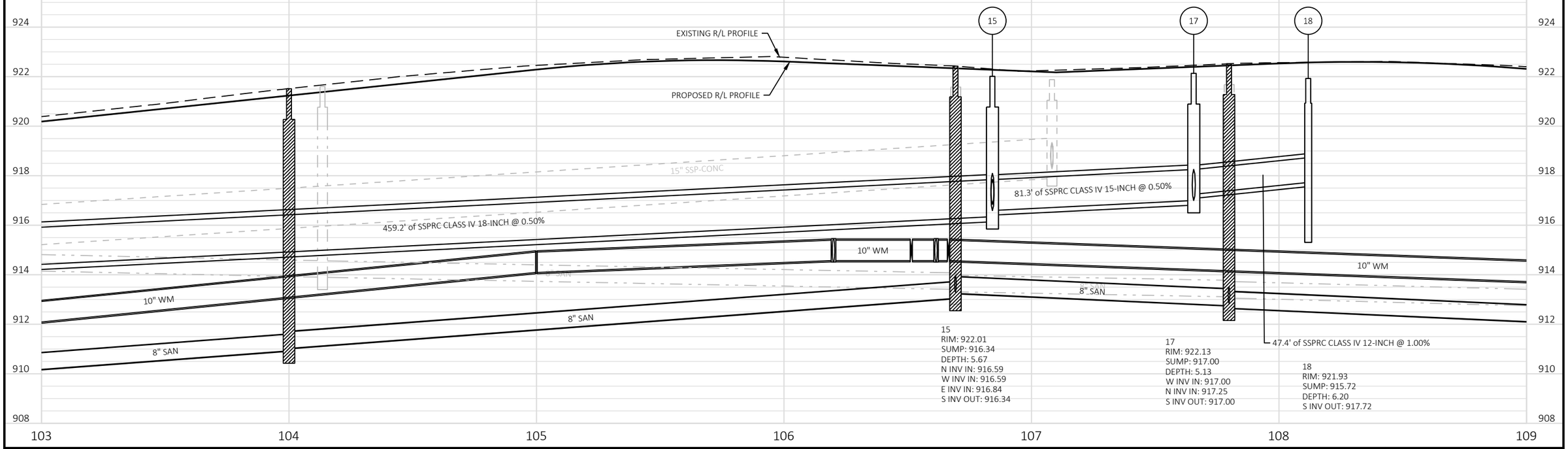
2

## NOTES

STORM SEWER LATERALS SHALL BE 6-INCH UNLESS NOTED OTHERWISE

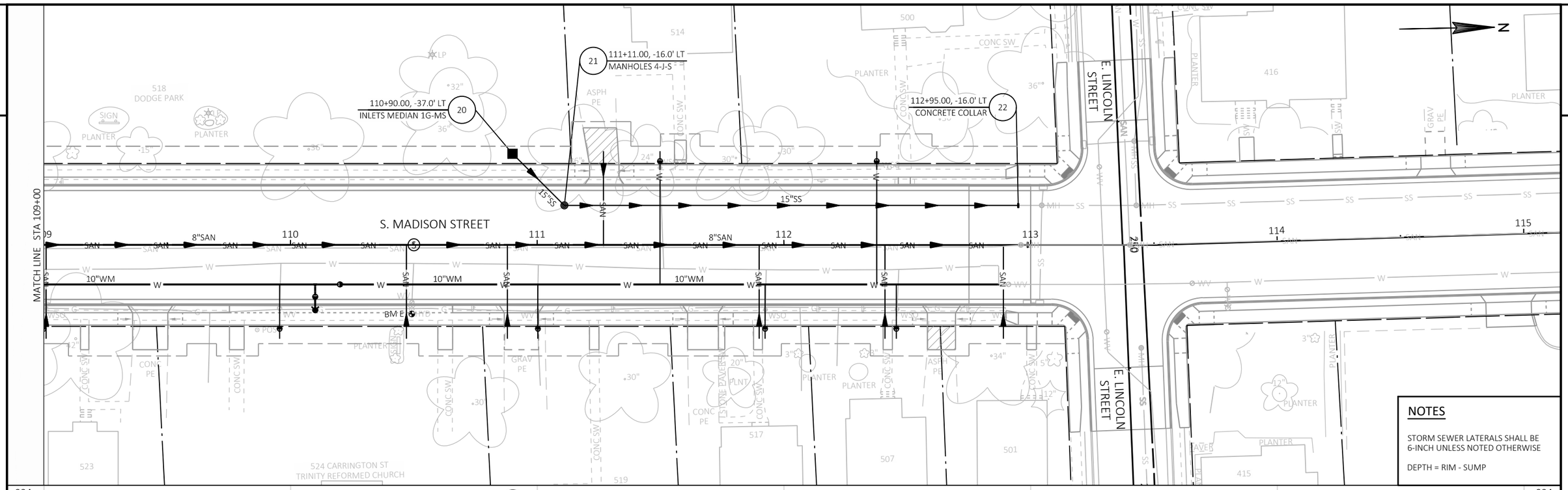
DEPTH = RIM - SUMP

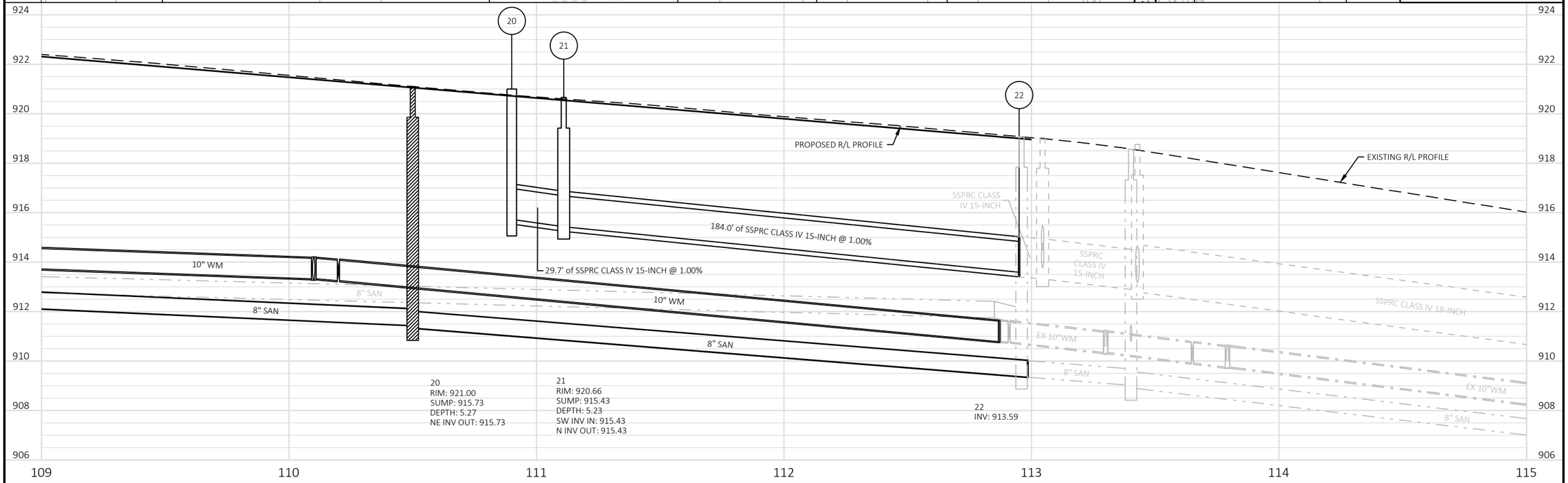


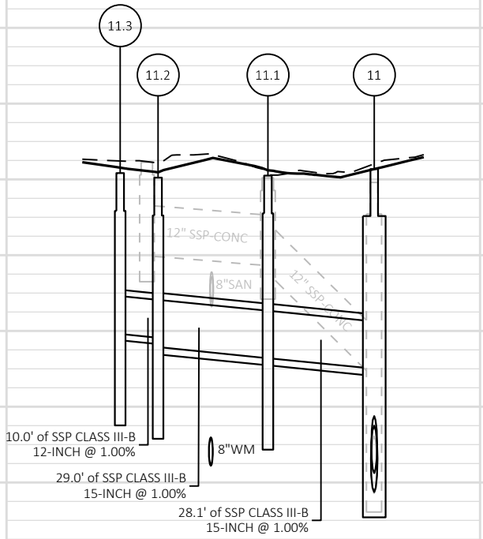

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | STORM SEWER S MADISON STREET | SHEET 33 | E |
|---|---|---|---|---|---|

2

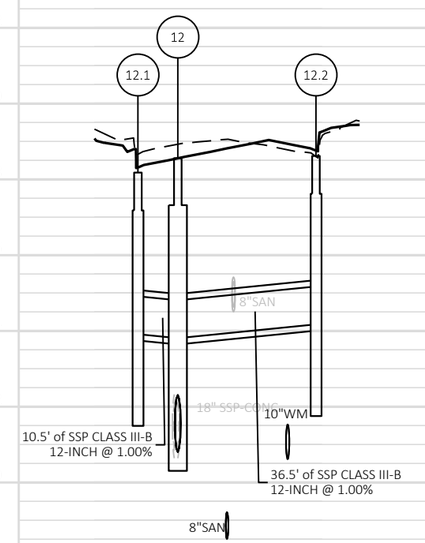


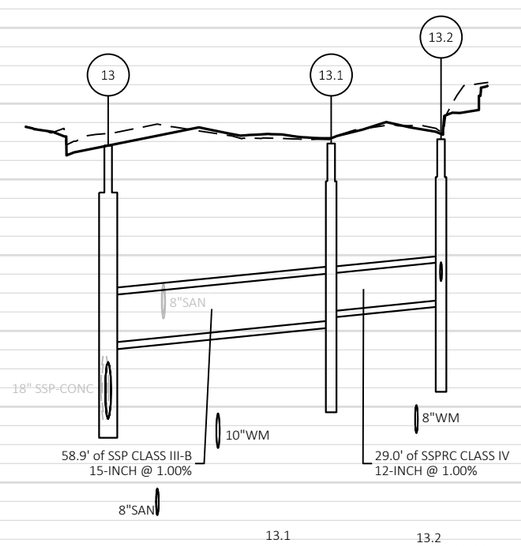

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | STORM SEWER S MADISON STREET | SHEET 34 | E |
|---|---|---|---|---|---|



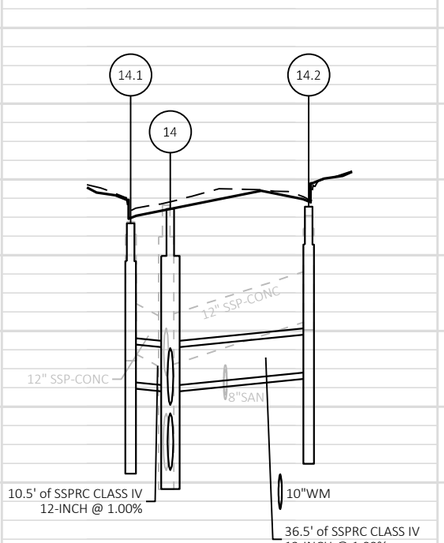

| 11.3 | 11.2 | 11.1 | 11 |
|---|---|---|---|
| RIM: 918.17 | RIM: 918.05 | RIM: 918.10 | RIM: 918.27 |
| SUMP: 911.92 | SUMP: 911.57 | SUMP: 911.28 | SUMP: 909.75 |
| DEPTH: 6.25 | DEPTH: 6.47 | DEPTH: 6.82 | DEPTH: 8.52 |
| E INV OUT: 913.92 | W INV IN: 913.82 | N INV IN: 913.28 | N INV IN: 910.25 |
| | S INV OUT: 913.57 | E INV OUT: 913.28 | W INV IN: 913.00 |
| | | | S INV OUT: 909.75 |



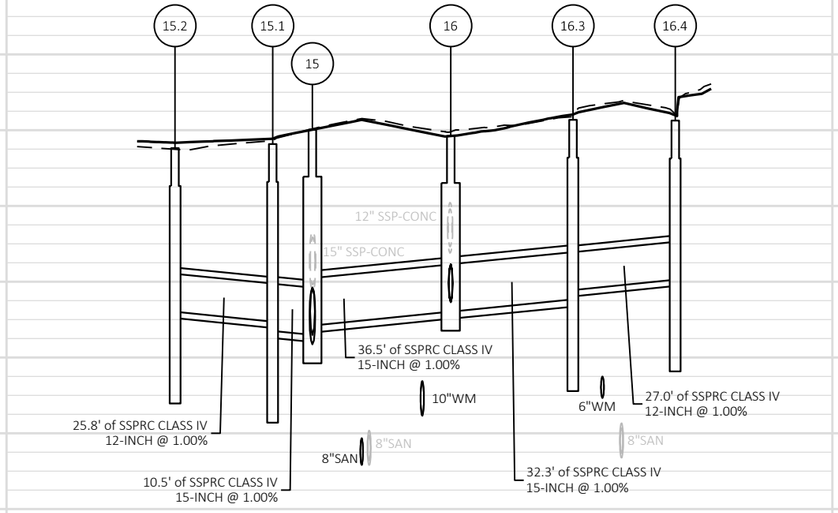

| 12.1 | 12 | 12.2 |
|---|---|---|
| RIM: 918.18 | RIM: 918.56 | RIM: 918.62 |
| SUMP: 911.91 | SUMP: 910.81 | SUMP: 912.17 |
| DEPTH: 6.26 | DEPTH: 7.75 | DEPTH: 6.44 |
| E INV OUT: 913.91 | N INV IN: 910.81 | W INV OUT: 914.17 |
| | W INV IN: 913.81 | |
| | E INV IN: 913.81 | |
| | S INV OUT: 910.81 | |




| 13 | 13.1 | 13.2 |
|---|---|---|
| RIM: 918.89 | RIM: 918.94 | RIM: 919.06 |
| SUMP: 911.68 | SUMP: 912.27 | SUMP: 912.81 |
| DEPTH: 7.21 | DEPTH: 6.67 | DEPTH: 6.25 |
| N INV IN: 911.68 | N INV IN: 914.52 | NE INV IN: 915.31 |
| E INV IN: 913.68 | W INV OUT: 914.27 | S INV OUT: 914.81 |
| S INV OUT: 911.68 | | |

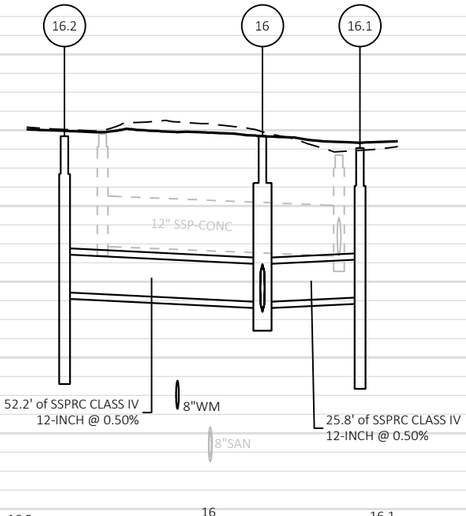



| 14.1 | 14 | 14.2 |
|---|---|---|
| RIM: 918.84 | RIM: 919.22 | RIM: 919.28 |
| SUMP: 912.65 | SUMP: 912.33 | SUMP: 912.91 |
| DEPTH: 6.18 | DEPTH: 6.89 | DEPTH: 6.36 |
| E INV OUT: 914.65 | N INV IN: 914.05 | W INV OUT: 914.91 |
| | W INV IN: 914.55 | |
| | E INV IN: 914.55 | |
| | S INV OUT: 912.33 | |

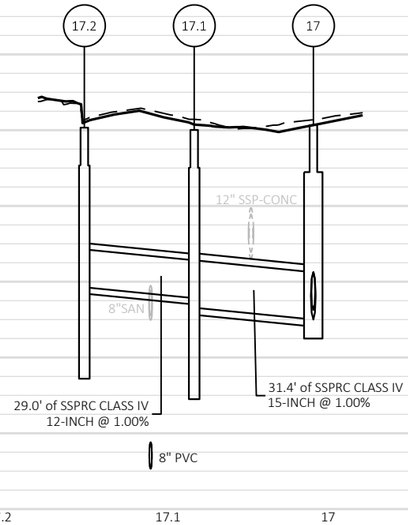



| 15.2 | 15.1 | 15 | 16 | 16.3 | 16.4 |
|---|---|---|---|---|---|
| RIM: 921.53 | RIM: 921.63 | RIM: 922.01 | RIM: 921.84 | RIM: 922.27 | RIM: 922.25 |
| SUMP: 915.21 | SUMP: 914.70 | SUMP: 916.34 | SUMP: 917.21 | SUMP: 915.53 | SUMP: 916.05 |
| DEPTH: 6.32 | DEPTH: 6.93 | DEPTH: 5.67 | DEPTH: 4.63 | DEPTH: 6.74 | DEPTH: 6.20 |
| S INV OUT: 917.21 | N INV IN: 916.95 | N INV IN: 916.59 | E INV IN: 917.21 | S INV IN: 917.78 | N INV OUT: 918.05 |
| | E INV OUT: 916.70 | W INV IN: 916.59 | N INV IN: 917.46 | W INV OUT: 917.53 | |
| | | E INV IN: 916.84 | S INV IN: 917.46 | | |
| | | S INV OUT: 916.34 | W INV OUT: 917.21 | | |

NOTE: DEPTH = RIM - SUMP




| 16.2 | 16 | 16.1 |
|---|---|---|
| RIM: 921.84 | RIM: 921.84 | RIM: 921.53 |
| SUMP: 915.72 | SUMP: 917.21 | SUMP: 915.59 |
| DEPTH: 6.12 | DEPTH: 4.63 | DEPTH: 5.94 |
| N INV OUT: 917.72 | E INV IN: 917.21 | S INV OUT: 917.59 |
| | N INV IN: 917.46 | |
| | S INV IN: 917.46 | |
| | W INV OUT: 917.21 | |




| 17.2 | 17.1 | 17 |
|---|---|---|
| RIM: 922.06 | RIM: 922.01 | RIM: 922.13 |
| SUMP: 915.86 | SUMP: 915.32 | SUMP: 917.00 |
| DEPTH: 6.21 | DEPTH: 6.69 | DEPTH: 5.13 |
| S INV OUT: 917.86 | N INV IN: 917.57 | W INV IN: 917.00 |
| | E INV OUT: 917.32 | N INV IN: 917.25 |
| | | S INV OUT: 917.00 |

## STORM SEWER STRUCTURE DATA

| STRUCTURE NUMBER | ALIGNMENT | STATION | OFFSET | LOCATION | TYPE | RIM/GRATE ELEVATION | STRUCTURE INV ELEV | TOTAL DEPTH | SUMP DEPTH | CONNECTING PIPES | PIPE DIRECTION | PIPE SIZE & TYPE | PIPE INVERT | PIPE ROUTE | PIPE LENGTH | PIPE SLOPE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | MADISON | 99+95.00 | -13.47 | LT | CONCRETE COLLAR | | | | | 11-10 IN | N | SSP CLASS III-B 21-INCH | 909.72 | FROM STR: 11 | -- | -- | |
| 11 | MADISON | 100+27.33 | -13.05 | LT | MANHOLES 5-J-S | 918.27 | 909.75 | 8.52 | 0.00 | 12-11 IN<br>11.1-11 IN<br>11-10 OUT | N<br>W<br>S | SSP CLASS III-B 18-INCH<br>SSP CLASS III-B 15-INCH<br>SSP CLASS III-B 21-INCH | 910.25<br>913.00<br>909.75 | FROM STR: 12<br>FROM STR: 11.1<br>TO STR: 10 | --<br>--<br>32.33' | --<br>--<br>0.10% | |
| 11.1 | DOTY WEST | 209+58.11 | 14.50 | RT | CATCH BASINS 2X3-H | 918.10 | 911.28 | 6.82 | 2.00 | 11.2-11.1 IN<br>11.1-11 OUT | N<br>E | SSP CLASS III-B 15-INCH<br>SSP CLASS III-B 15-INCH | 913.28<br>913.28 | FROM STR: 11.2<br>TO STR: 11 | --<br>28.07' | --<br>1.00% | |
| 11.2 | DOTY WEST | 209+58.11 | -14.50 | LT | CATCH BASINS 2X3-H-S | 918.05 | 911.57 | 6.47 | 2.00 | 11.3-11.2 IN<br>11.2-11.1 OUT | W<br>S | SSP CLASS III-B 12-INCH<br>SSP CLASS III-B 15-INCH | 913.82<br>913.57 | FROM STR: 11.3<br>TO STR: 11.1 | --<br>29.00' | --<br>1.00% | |
| 11.3 | DOTY WEST | 209+48.11 | -14.50 | LT | CATCH BASINS 2X3-H | 918.17 | 911.92 | 6.25 | 2.00 | 11.3-11.2 OUT | E | SSP CLASS III-B 12-INCH | 913.92 | TO STR: 11.2 | 10.00' | 1.00% | |
| 12 | MADISON | 100+80.00 | -13.00 | LT | MANHOLES 4-J-S | 918.56 | 910.81 | 7.75 | 0.00 | 13-12 IN<br>12.1-12 IN<br>12.2-12 IN<br>12-11 OUT | N<br>W<br>E<br>S | SSP CLASS III-B 18-INCH<br>SSP CLASS III-B 12-INCH<br>SSP CLASS III-B 12-INCH<br>SSP CLASS III-B 18-INCH | 910.81<br>913.81<br>913.81<br>910.81 | FROM STR: 13<br>FROM STR: 12.1<br>FROM STR: 12.2<br>TO STR: 11 | --<br>--<br>--<br>52.84' | --<br>--<br>--<br>1.05% | |
| 12.1 | MADISON | 100+80.00 | -23.50 | LT | CATCH BASINS 2X3-H | 918.18 | 911.91 | 6.26 | 2.00 | 12.1-12 OUT | E | SSP CLASS III-B 12-INCH | 913.91 | TO STR: 12 | 10.50' | 1.00% | |
| 12.2 | MADISON | 100+80.00 | 23.50 | RT | CATCH BASINS 2X3-H | 918.62 | 912.17 | 6.44 | 2.00 | 12.2-12 OUT | W | SSP CLASS III-B 12-INCH | 914.17 | TO STR: 12 | 36.50' | 1.00% | |
| 13 | MADISON | 101+63.54 | -13.00 | LT | MANHOLES 4-J-S | 918.89 | 911.68 | 7.21 | 0.00 | 14-13 IN<br>13.1-13 IN<br>13-12 OUT | N<br>E<br>S | SSP CLASS III-B 18-INCH<br>SSP CLASS III-B 15-INCH<br>SSP CLASS III-B 18-INCH | 911.68<br>913.68<br>911.68 | FROM STR: 14<br>FROM STR: 13.1<br>TO STR: 12 | --<br>--<br>83.54' | --<br>--<br>1.05% | |
| 13.1 | DOTY EAST | 220+45.17 | 14.50 | RT | CATCH BASINS 2X3-H-S | 918.94 | 912.27 | 6.67 | 2.00 | 13.2-13.1 IN<br>13.1-13 OUT | N<br>W | SSPRC CLASS IV 12-INCH<br>SSP CLASS III-B 15-INCH | 914.52<br>914.27 | FROM STR: 13.2<br>TO STR: 13 | --<br>58.88' | --<br>1.00% | |
| 13.2 | DOTY EAST | 220+45.17 | -14.50 | LT | CATCH BASINS 2X3-H-S | 919.06 | 912.81 | 6.25 | 2.00 | LAT-13.2 IN<br>13.2-13.1 OUT | NE<br>S | SS LAT<br>SSPRC CLASS IV 12-INCH | 915.31<br>914.81 | FROM STR:<br>TO STR: 13.1 | --<br>29.00' | --<br>1.00% | |
| 14 | MADISON | 102+25.00 | -13.00 | LT | MANHOLES 4-J-S | 919.22 | 912.33 | 6.89 | 0.00 | 15-14 IN<br>14.1-14 IN<br>14.2-14 IN<br>14-13 OUT | N<br>W<br>E<br>S | SSPRC CLASS IV 18-INCH<br>SSPRC CLASS IV 12-INCH<br>SSPRC CLASS IV 12-INCH<br>SSP CLASS III-B 18-INCH | 914.05<br>914.55<br>914.55<br>912.33 | FROM STR: 15<br>FROM STR: 14.1<br>FROM STR: 14.2<br>TO STR: 13 | --<br>--<br>--<br>61.46' | --<br>--<br>--<br>1.05% | |
| 14.1 | MADISON | 102+25.00 | -23.50 | LT | CATCH BASINS 2X3-H | 918.84 | 912.65 | 6.18 | 2.00 | 14.1-14 OUT | E | SSPRC CLASS IV 12-INCH | 914.65 | TO STR: 14 | 10.50' | 1.00% | |
| 14.2 | MADISON | 102+25.00 | 23.50 | RT | CATCH BASINS 2X3-H | 919.28 | 912.91 | 6.36 | 2.00 | 14.2-14 OUT | W | SSPRC CLASS IV 12-INCH | 914.91 | TO STR: 14 | 36.50' | 1.00% | |
| 15 | MADISON | 106+84.24 | -13.00 | LT | MANHOLES 4-J-S | 922.01 | 916.34 | 5.67 | 0.00 | 17-15 IN<br>15.1-15 IN<br>16-15 IN<br>15-14 OUT | N<br>W<br>E<br>S | SSPRC CLASS IV 15-INCH<br>SSPRC CLASS IV 15-INCH<br>SSPRC CLASS IV 15-INCH<br>SSPRC CLASS IV 18-INCH | 916.59<br>916.59<br>916.84<br>916.34 | FROM STR: 17<br>FROM STR: 15.1<br>FROM STR: 16<br>TO STR: 14 | --<br>--<br>--<br>459.24' | --<br>--<br>--<br>0.50% | |
| 15.1 | MADISON | 106+84.24 | -23.50 | LT | CATCH BASINS 2X3-H | 921.63 | 914.70 | 6.93 | 2.00 | 15.2-15.1 IN<br>15.1-15 OUT | N<br>E | SSPRC CLASS IV 12-INCH<br>SSPRC CLASS IV 15-INCH | 916.95<br>916.70 | FROM STR: 15.2<br>TO STR: 15 | --<br>10.50' | --<br>1.00% | |
| 15.2 | MADISON | 107+10.00 | -23.50 | LT | CATCH BASINS 2X3-H-S | 921.53 | 915.21 | 6.32 | 2.00 | 15.2-15.1 OUT | S | SSPRC CLASS IV 12-INCH | 917.21 | TO STR: 15.1 | 25.76' | 1.00% | |
| 16 | MADISON | 106+84.24 | 23.50 | RT | MANHOLES 4-J-S | 921.84 | 917.21 | 4.63 | 0.00 | 16.3-16 IN<br>16.1-16 IN<br>16.2-16 IN<br>16-15 OUT | E<br>N<br>S<br>W | SSPRC CLASS IV 15-INCH<br>SSPRC CLASS IV 12-INCH<br>SSPRC CLASS IV 12-INCH<br>SSPRC CLASS IV 15-INCH | 917.21<br>917.46<br>917.46<br>917.21 | FROM STR: 16.3<br>FROM STR: 16.1<br>FROM STR: 16.2<br>TO STR: 15 | --<br>--<br>--<br>36.50' | --<br>--<br>--<br>1.00% | |
| 16.1 | MADISON | 107+10.00 | 23.50 | RT | CATCH BASINS 2X3-H-S | 921.53 | 915.59 | 5.94 | 2.00 | 16.1-16 OUT | S | SSPRC CLASS IV 12-INCH | 917.59 | TO STR: 16 | 25.76' | 0.50% | |
| 16.2 | MADISON | 106+32.00 | 23.50 | RT | CATCH BASINS 2X3-H-S | 921.84 | 915.72 | 6.12 | 2.00 | 16.2-16 OUT | N | SSPRC CLASS IV 12-INCH | 917.72 | TO STR: 16 | 52.24' | 0.50% | |
| 16.3 | PARK EAST | 230+56.50 | -13.50 | LT | CATCH BASINS 2X3-H | 922.27 | 915.53 | 6.74 | 2.00 | 16.4-16.3 IN<br>16.3-16 OUT | S<br>W | SSPRC CLASS IV 12-INCH<br>SSPRC CLASS IV 15-INCH | 917.78<br>917.53 | FROM STR: 16.4<br>TO STR: 16 | --<br>32.26' | --<br>1.00% | |
| 16.4 | PARK EAST | 230+56.50 | 13.50 | RT | CATCH BASINS 2X3-H | 922.25 | 916.05 | 6.20 | 2.00 | 16.4-16.3 OUT | N | SSPRC CLASS IV 12-INCH | 918.05 | TO STR: 16.3 | 27.00' | 1.00% | |
| 17 | MADISON | 107+65.57 | -13.00 | LT | MANHOLES 4-J-S | 922.13 | 917.00 | 5.13 | 0.00 | 17.1-17 IN<br>18-17 IN<br>17-15 OUT | W<br>N<br>S | SSPRC CLASS IV 15-INCH<br>SSPRC CLASS IV 12-INCH<br>SSPRC CLASS IV 15-INCH | 917.00<br>917.25<br>917.00 | FROM STR: 17.1<br>FROM STR: 18<br>TO STR: 15 | --<br>--<br>81.33' | --<br>--<br>0.50% | |
| 17.1 | PARK WEST | 239+54.61 | 14.50 | RT | CATCH BASINS 2X3-H | 922.01 | 915.32 | 6.69 | 2.00 | 17.2-17.1 IN<br>17.1-17 OUT | N<br>E | SSPRC CLASS IV 12-INCH<br>SSPRC CLASS IV 15-INCH | 917.57<br>917.32 | FROM STR: 17.2<br>TO STR: 17 | --<br>31.43' | --<br>1.00% | |
| 17.2 | PARK WEST | 239+54.61 | -14.50 | LT | CATCH BASINS 2X3-H | 922.06 | 915.86 | 6.21 | 2.00 | 17.2-17.1 OUT | S | SSPRC CLASS IV 12-INCH | 917.86 | TO STR: 17.1 | 29.00' | 1.00% | |
| 18 | MADISON | 108+11.80 | -23.50 | LT | CATCH BASINS 2X3-H-S | 921.93 | 915.72 | 6.20 | 2.00 | 18-17 OUT | S | SSPRC CLASS IV 12-INCH | 917.72 | TO STR: 17 | 47.41' | 1.00% | |
| 20 | MADISON | 110+90.00 | -37.00 | LT | INLETS MEDIAN 1G-MS | 921.00 | 915.73 | 5.27 | 0.00 | 20-21 OUT | NE | SSPRC CLASS IV 15-INCH | 915.73 | TO STR: 21 | 29.70' | 1.00% | |
| 21 | MADISON | 111+11.00 | -16.00 | LT | MANHOLES 4-J-S | 920.66 | 915.43 | 5.23 | 0.00 | 20-21 IN<br>21-22 OUT | SW<br>N | SSPRC CLASS IV 15-INCH<br>SSPRC CLASS IV 15-INCH | 915.43<br>915.43 | FROM STR: 20<br>TO STR: 22 | --<br>184.00' | --<br>1.00% | |
| 22 | MADISON | 112+95.00 | -16.00 | LT | CONCRETE COLLAR | | | | | 21-22 IN | S | SSPRC CLASS IV 15-INCH | 913.59 | FROM STR: 21 | -- | -- | |

NOTES:

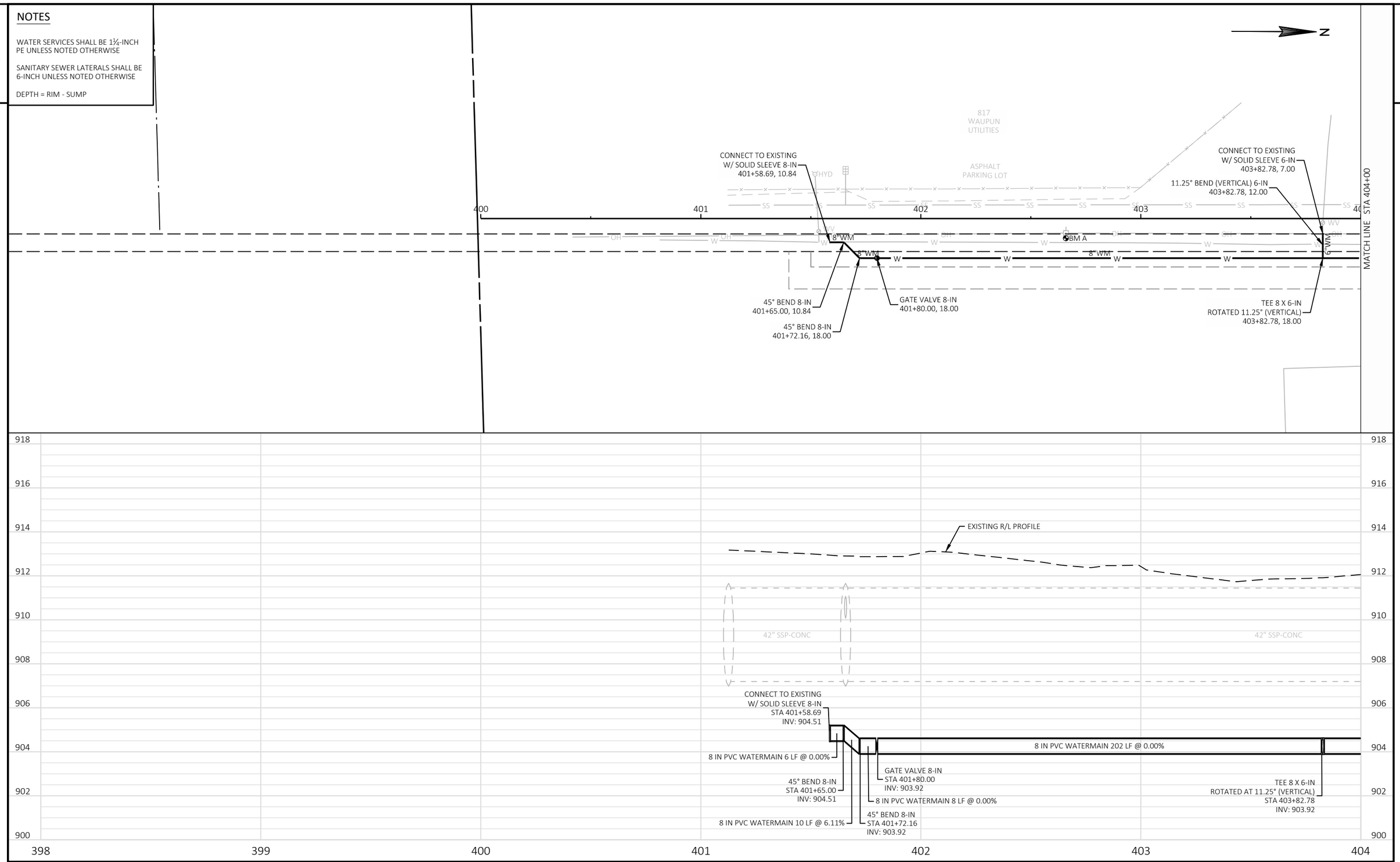
1. GRATE ELEVATIONS SHOWN FOR TYPE H & H-S COVERS ARE DEPRESSED 0.08' FROM NORMAL GUTTER FLOW LINE ELEVATION.
2. TOTAL DEPTH = RIM/GRATE ELEVATION - STRUCTURE INVERT ELEVATION.
3. MANHOLES SHALL BE CONSTRUCTED IN A WAY THAT WILL ALLOW THE CASTING TO BE ALIGNED IN THE MIDDLE OF A LANE OR ON A JOINT LINE.
4. CONTRACTOR SHALL VERIFY EXISTING PIPE SIZES, MATERIALS AND INVERT ELEVATION WHEN CONNECTING NEW STORM SEWER INTO EXISTING PIPES PRIOR TO MANUFACTURING INLETS AND MANHOLES.
5. STATION/ OFFSET OF STORM SEWER STRUCTURES ARE TO THE CENTER OF STRUCTURE EXCEPT FOR CONCRETE APRON ENDWALLS WHICH ARE TO PIPE END.

## NOTES

WATER SERVICES SHALL BE 1¼-INCH PE UNLESS NOTED OTHERWISE

SANITARY SEWER LATERALS SHALL BE 6-INCH UNLESS NOTED OTHERWISE

DEPTH = RIM - SUMP




| PROJECT NO: 6998-05-06 | HWY: S MADISON STREET | COUNTY: DODGE | UTILITY PLANS: S MADISON STREET | SHEET 37 | E |
|---|---|---|---|---|---|

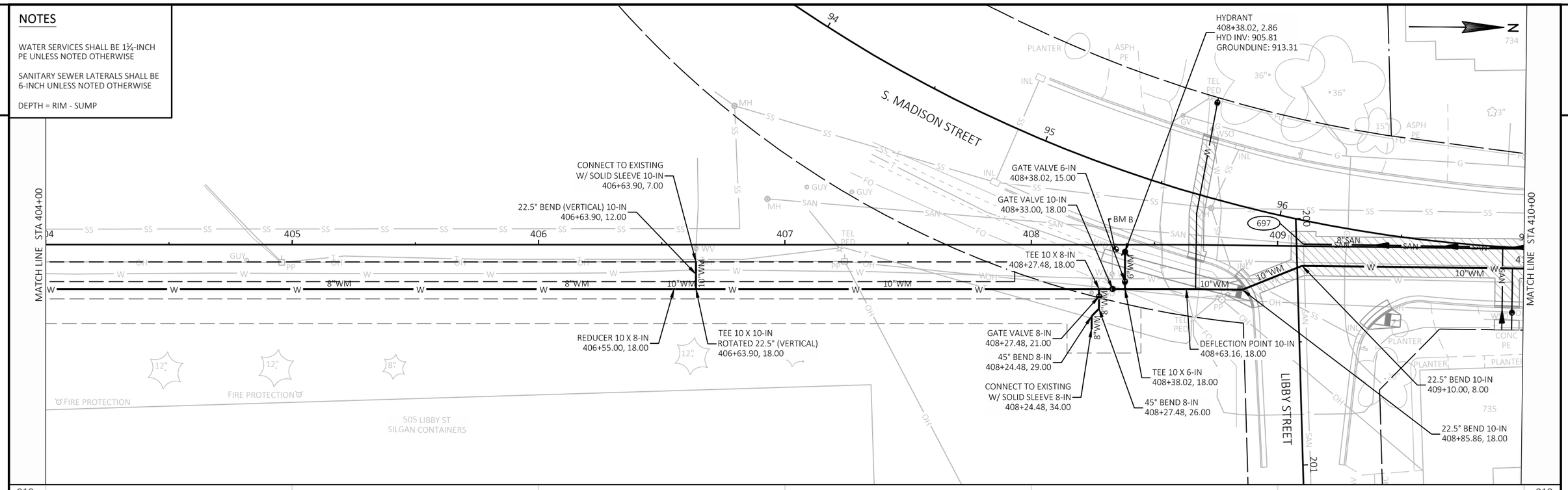
FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-023001-UP.DWG
LAYOUT NAME - Sheet-01
PLOT DATE : 7/16/2020 12:42 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

## NOTES

WATER SERVICES SHALL BE 1¼-INCH PE UNLESS NOTED OTHERWISE

SANITARY SEWER LATERALS SHALL BE 6-INCH UNLESS NOTED OTHERWISE

DEPTH = RIM - SUMP




| PROJECT NO: 6998-05-06 | HWY: S MADISON STREET | COUNTY: DODGE | UTILITY PLANS: S MADISON STREET | SHEET 38 E |
|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-023001-UP.DWG
LAYOUT NAME - Sheet-02
PLOT DATE : 7/16/2020 12:42 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

## NOTES

WATER SERVICES SHALL BE 1¼-INCH PE UNLESS NOTED OTHERWISE

SANITARY SEWER LATERALS SHALL BE 6-INCH UNLESS NOTED OTHERWISE

DEPTH = RIM - SUMP

N

S. MADISON STREET

DOTY STREET

MATCH LINE STA 410+00

MATCH LINE STA 103+00

GRADE BREAK 10-IN
98+50.00, 8.00

GATE VALVE 10-IN
100+26.15, 8.00

TEE 10 X 8-IN
100+36.25, 8.00

GATE VALVE 10-IN
100+46.25, 8.00

45° BEND 10-IN
100+57.00, 8.00

45° BEND 10-IN
100+65.00, 16.00

GATE VALVE 6-IN
101+10.00, 21.00

HYDRANT
101+10.00, 26.50
HYD INV: 911.94
GROUNDLINE: 919.44

TEE 10 X 6-IN
ROTATED AT 22.5° (VERTICAL)
101+10.00, 16.00

22.5° BEND (VERTICAL) 6-IN
101+10.00, 19.10

GATE VALVE 10-IN
101+78.62, 16.00

TEE 10 X 8-IN
101+84.69, 16.00

GATE VALVE 10-IN
101+94.63, 16.00

BM C

698
RIM: 916.02
SUMP: 906.61
DEPTH: 9.41
N INV IN: 906.71
S INV OUT: 906.61

699
RIM: 918.86
SUMP: 908.16
DEPTH: 10.70
N INV IN: 908.26
W INV IN: 908.36
S INV OUT: 908.16

EXISTING R/L PROFILE

PROPOSED R/L PROFILE

10 IN PVC WATERMAIN 240 LF @ 0.75%

239.5' of 8" PVC @ 0.75%

10 IN PVC WATERMAIN 176 LF @ 1.30%

193.8' of 8" PVC @ 0.75%

10 IN PVC WATERMAIN 9 LF @ 0.60%

GATE VALVE 10-IN
STA 100+26.15
INV: 910.35

SSP CLASS III-B
21-INCH

GRADE BREAK 10-IN
STA 98+50.00
INV: 908.07

TEE 10 X 8-IN
STA 100+36.25
INV: 910.41

10 IN PVC WATERMAIN 9 LF @ 0.60%

GATE VALVE 10-IN
STA 100+46.25
INV: 910.46

45° BEND 10-IN
STA 100+65.00
INV: 910.58

10 IN PVC WATERMAIN 11 LF @ 0.60%

45° BEND 10-IN
STA 100+57.00
INV: 910.52

10 IN PVC WATERMAIN 10 LF @ 0.60%

10 IN PVC WATERMAIN 44 LF @ 0.54%

TEE 10 X 6-IN
ROTATED AT 22.5° (VERTICAL)
STA 101+10.00
INV: 910.82

SSP CLASS III-B 18-INCH

SSP CLASS III-B 18-INCH

SSP CLASS III-B
18-INCH

10 IN PVC WATERMAIN
67.3 LF @ 0.26%

356.2' of 8" PVC @ 0.75%

GATE VALVE 10-IN
STA 101+94.63
INV: 911.04

10 IN PVC WATERMAIN 9 LF @ 0.62%

TEE 10 X 8-IN
STA 101+84.69
INV: 910.99

GATE VALVE 10-IN
STA 101+78.62
INV: 910.99

10 IN PVC WATERMAIN 5 LF @ 0.00%

21" SSP-CONC

42" SSP-CONC

SSPRC CLASS IV 18-INCH

8" SAN

| PROJECT NO: 6998-05-06 | HWY: S MADISON STREET | COUNTY: DODGE | UTILITY PLANS: S MADISON STREET | SHEET 39 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-023001-UP.DWG
LAYOUT NAME - Sheet-03

PLOT DATE : 7/16/2020 12:43 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

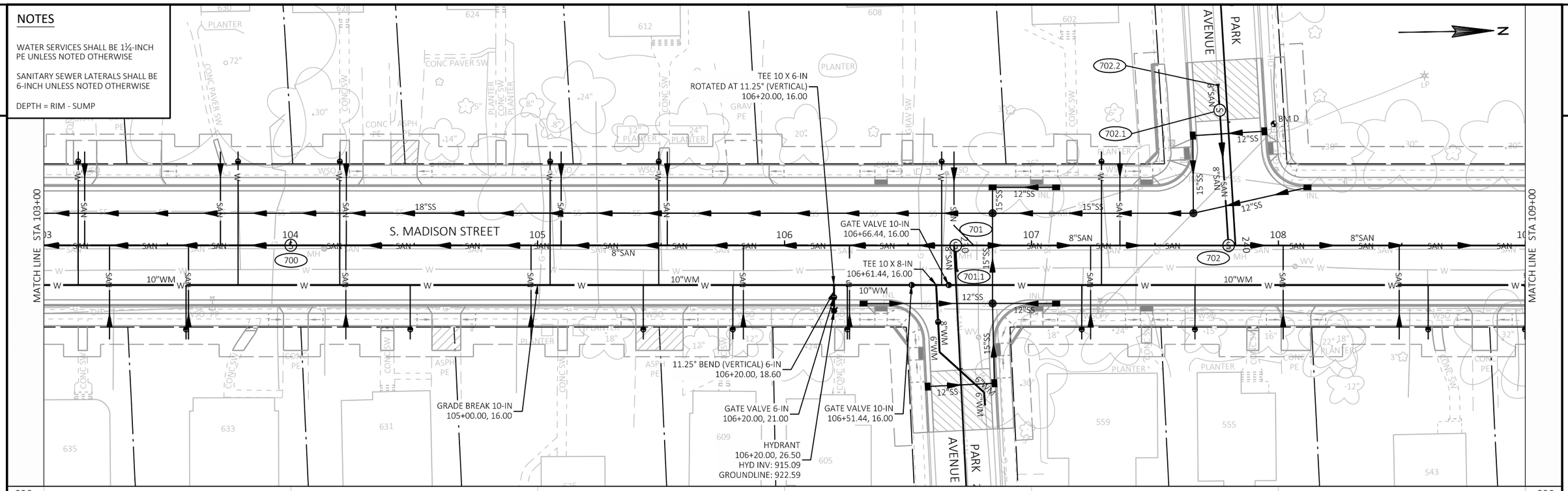
WISDOT/CADDS SHEET 41

## NOTES

WATER SERVICES SHALL BE 1¼-INCH PE UNLESS NOTED OTHERWISE

SANITARY SEWER LATERALS SHALL BE 6-INCH UNLESS NOTED OTHERWISE

DEPTH = RIM - SUMP




| PROJECT NO: 6998-05-06 | HWY: S MADISON STREET | COUNTY: DODGE | UTILITY PLANS: S MADISON STREET | SHEET 40 | E |
|---|---|---|---|---|---|


FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-023001-UP.DWG
LAYOUT NAME - Sheet-04
PLOT DATE : 7/16/2020 12:43 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

2

MATCH LINE STA 109+00

S. MADISON STREET

E. LINCOLN STREET

TEE 10 X 6-IN
ROTATED AT 11.25° (VERTICAL)
110+10.00, 16.00

GATE VALVE 10-IN
110+20.00, 16.00

703

704

REMOVE EXISTING MANHOLE

11.25° BEND (VERTICAL) 6-IN
110+10.00, 19.10

WATER SERVICE 2-INCH

HYDRANT
110+10.00, 26.50
HYD INV: 913.97
GROUNDLINE: 921.45

GATE VALVE 6-IN
110+10.00, 21.00

REMOVE EXISTING 90° BEND
CONNECT TO EXISTING
W/ SOLID SLEEVE 10-IN
112+87.00, 16.00

BM E

524 CARRINGTON ST
TRINITY REFORMED CHURCH

518 DODGE PARK

**NOTES**

WATER SERVICES SHALL BE 1¼-INCH PE UNLESS NOTED OTHERWISE

SANITARY SEWER LATERALS SHALL BE 6-INCH UNLESS NOTED OTHERWISE

DEPTH = RIM - SUMP

703
RIM: 921.10
SUMP: 911.34
DEPTH: 9.76
S INV IN: 911.44
N INV OUT: 911.34
110+50.00
OFF 0.00

704
112+98.50
OFF 0.00

GATE VALVE 10-IN
STA 110+20.00
INV: 913.25

10 IN PVC WATERMAIN 9 LF @ 0.90%

TEE 10 X 6-IN
ROTATED AT 11.25° (VERTICAL)
STA 110+10.00
INV: 913.32

270.2' of 8" PVC @ 0.45%

10 IN PVC WATERMAIN 267 LF @ 0.92%

248.5' of 8" PVC @ 0.80%

SSPRC CLASS IV 15-INCH

PROPOSED R/L PROFILE

EXISTING R/L PROFILE

REMOVE EXISTING 90° BEND
CONNECT TO EXISTING
W/ SOLID SLEEVE 10-IN
STA 112+87.00
INV: 910.78

704
INV: 909.35

924 922 920 918 916 914 912 910 908 906

109 110 111 112 113 114 115

| PROJECT NO: 6998-05-06 | HWY: S MADISON STREET | COUNTY: DODGE | UTILITY PLANS: S MADISON STREET | SHEET 41 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-023001-UP.DWG
LAYOUT NAME - Sheet-05

PLOT DATE : 10/13/2021 10:48 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

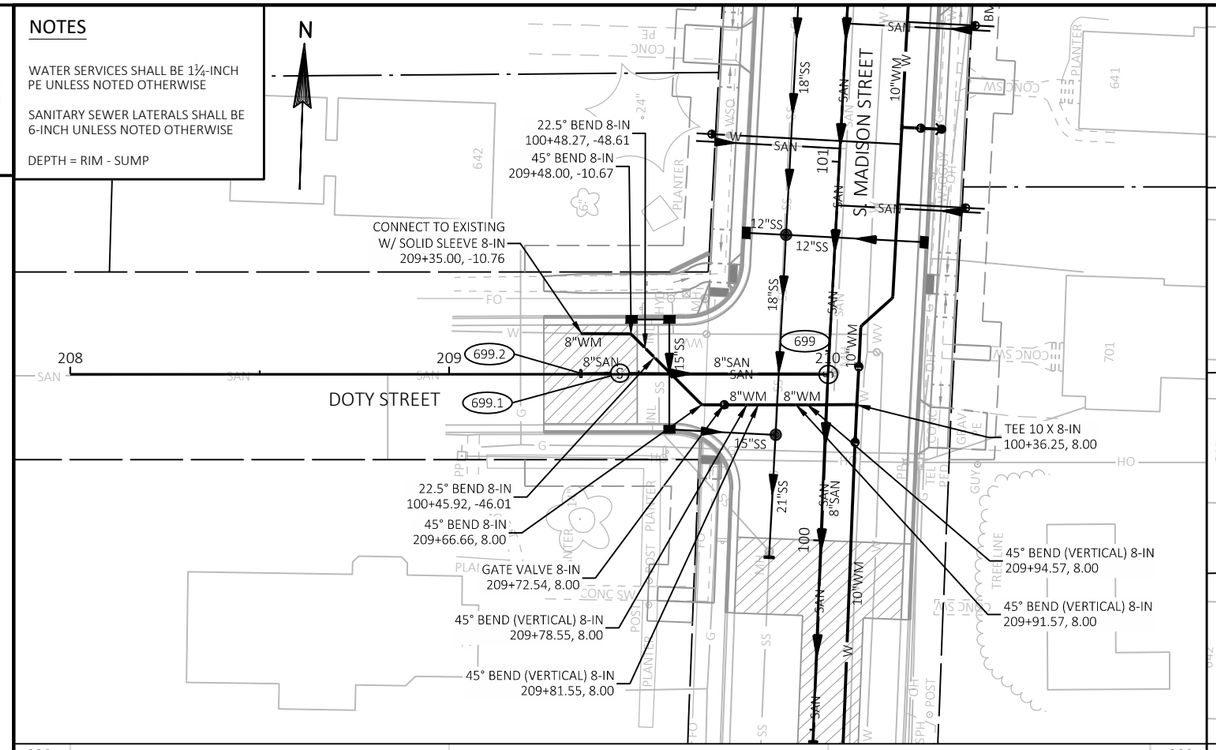
2

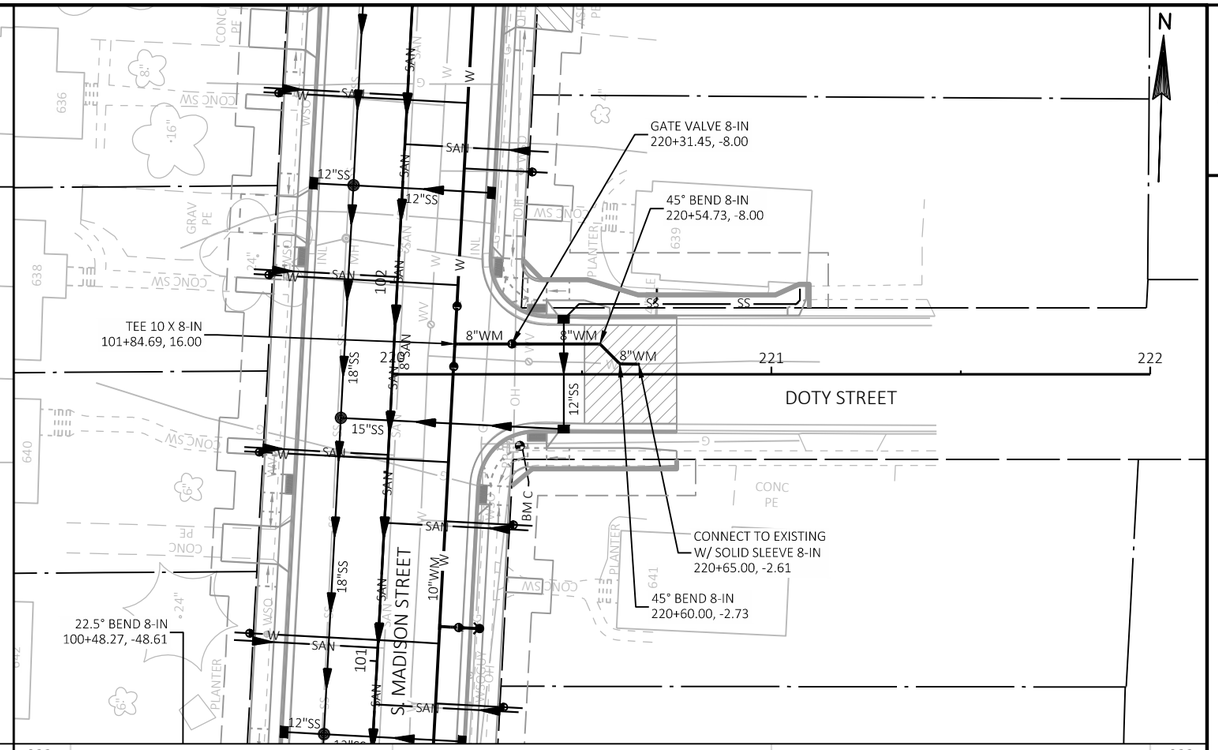
## NOTES

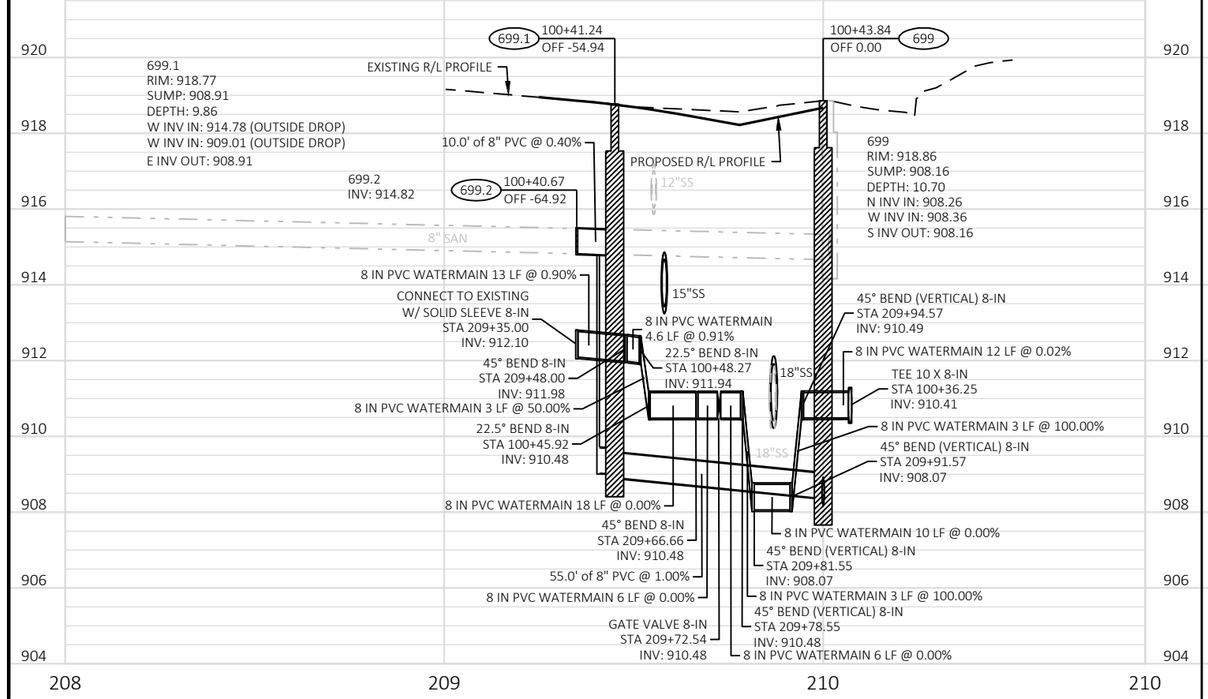
WATER SERVICES SHALL BE 1¼-INCH PE UNLESS NOTED OTHERWISE

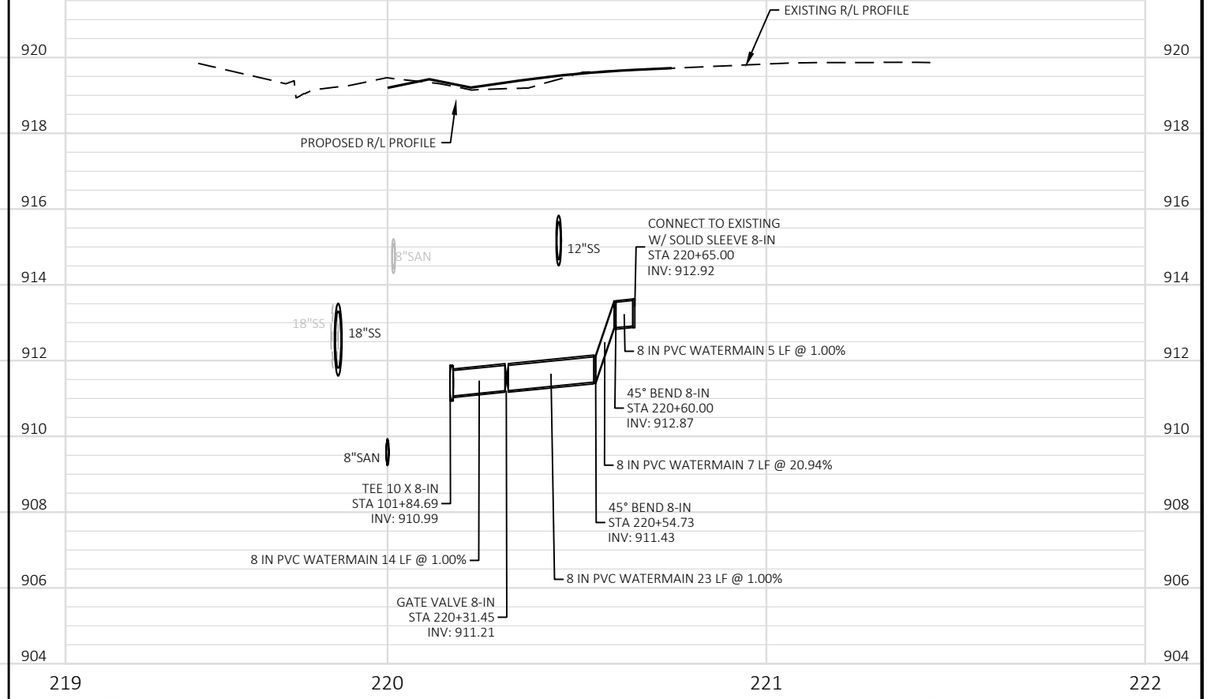
SANITARY SEWER LATERALS SHALL BE 6-INCH UNLESS NOTED OTHERWISE

DEPTH = RIM - SUMP



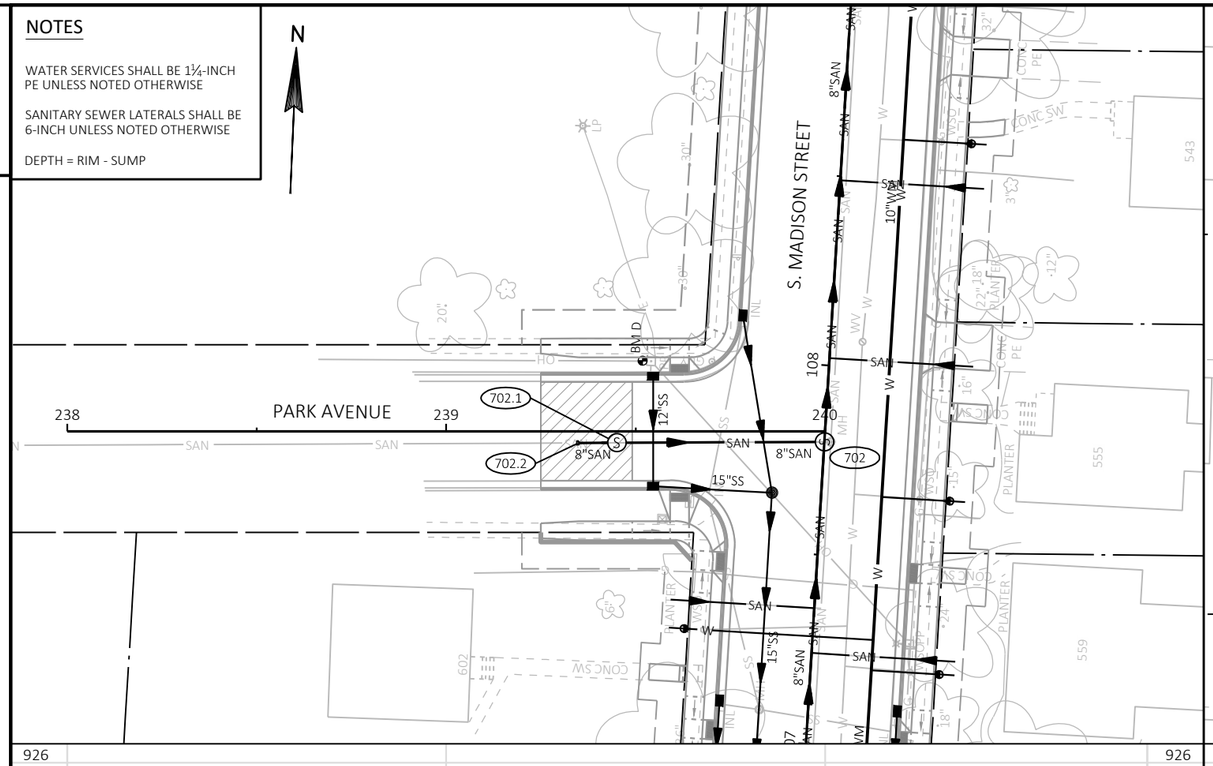

| PROJECT NO: 6998-05-06 | HWY: S MADISON STREET | COUNTY: DODGE | UTILITY PLANS: DOTY STREET | SHEET 42 | E |
|---|---|---|---|---|---|

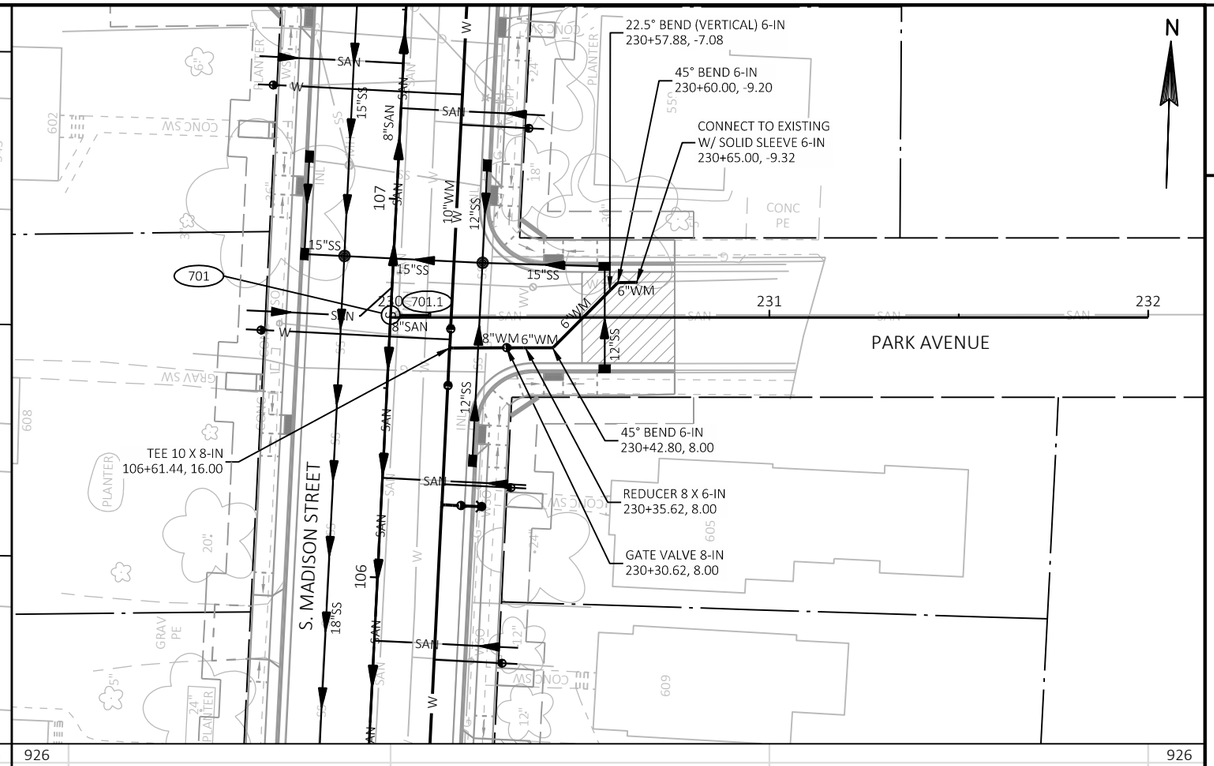
## NOTES

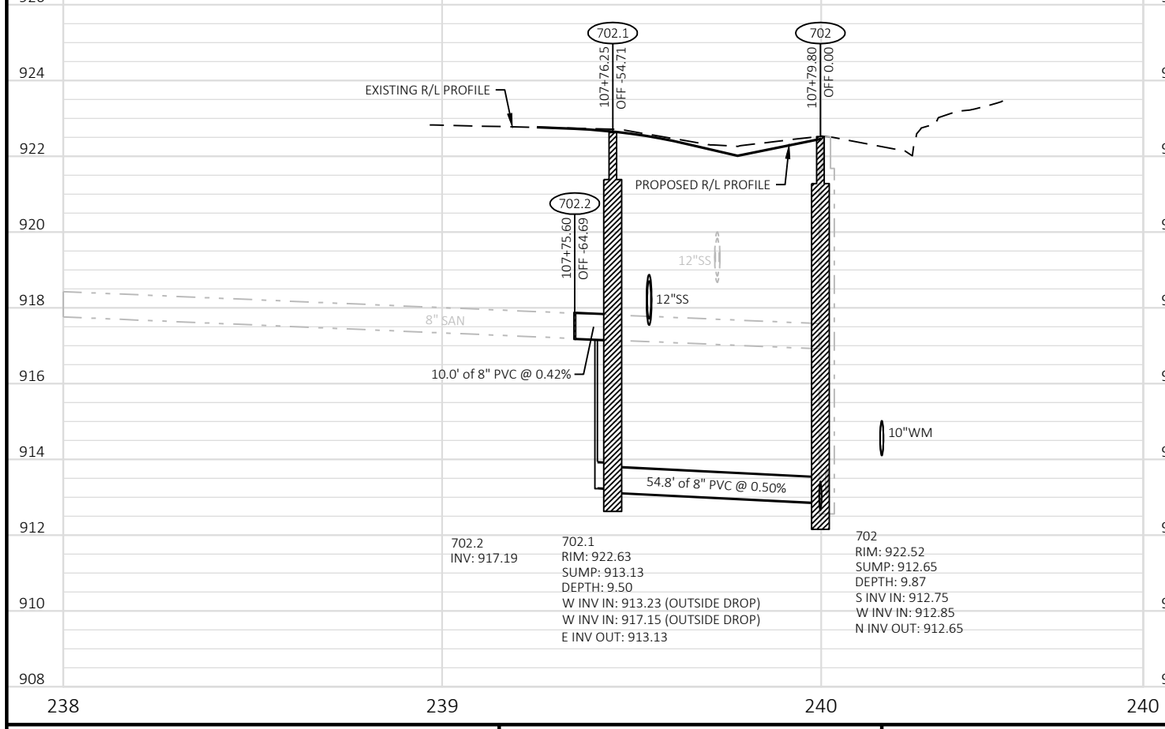
WATER SERVICES SHALL BE 1¼-INCH PE UNLESS NOTED OTHERWISE

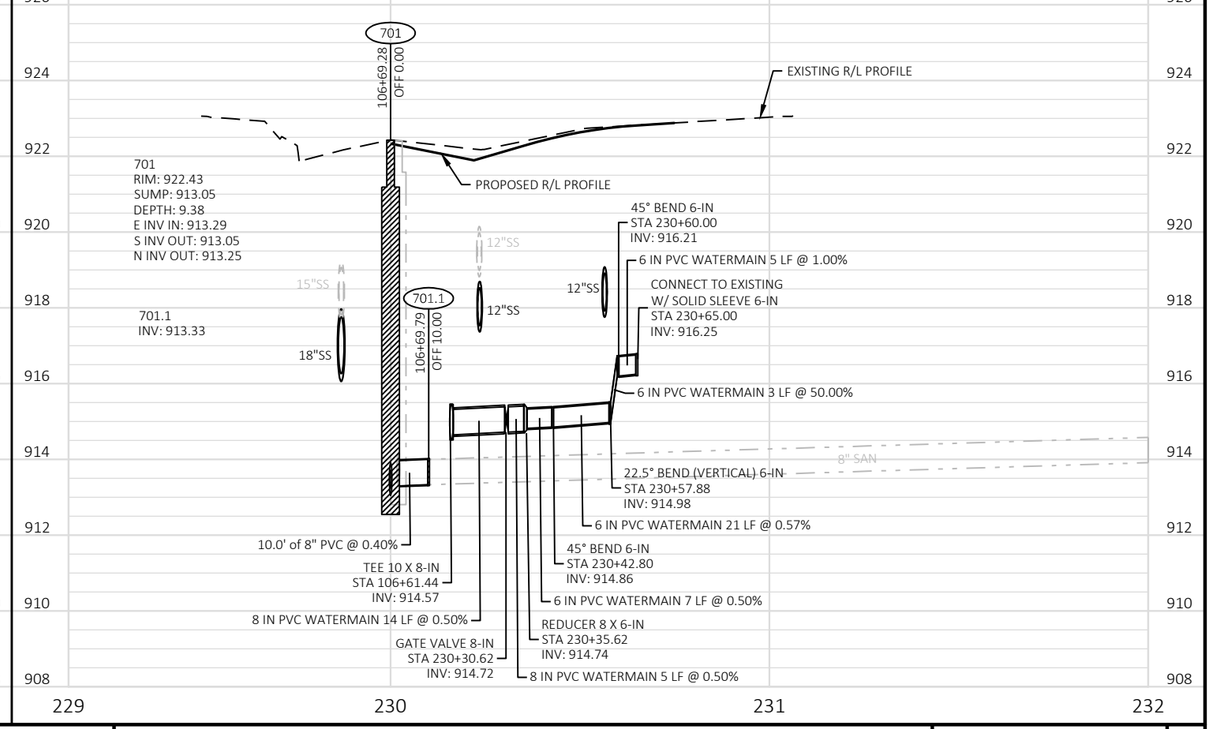
SANITARY SEWER LATERALS SHALL BE 6-INCH UNLESS NOTED OTHERWISE

DEPTH = RIM - SUMP



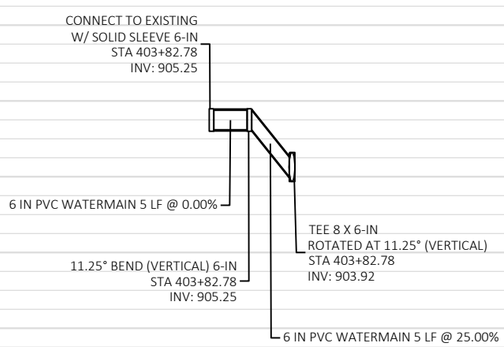




| PROJECT NO: 6998-05-06 | HWY: S MADISON STREET | COUNTY: DODGE | UTILITY PLANS: PARK AVENUE | SHEET 43 | E |
|---|---|---|---|---|---|

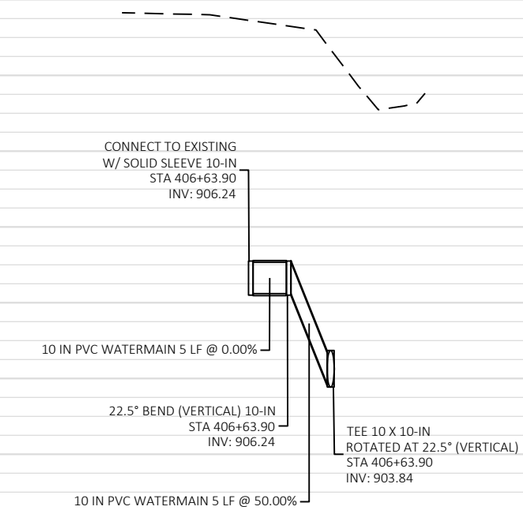

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-023002-UP.DWG
LAYOUT NAME - Sheet-02
PLOT DATE : 7/16/2020 12:02 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

2

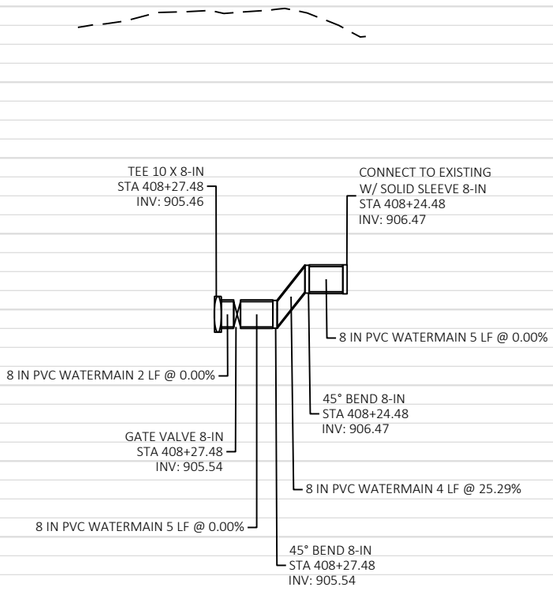
## WATERMAIN PROFILE - CONNECTION AT STA 403+83



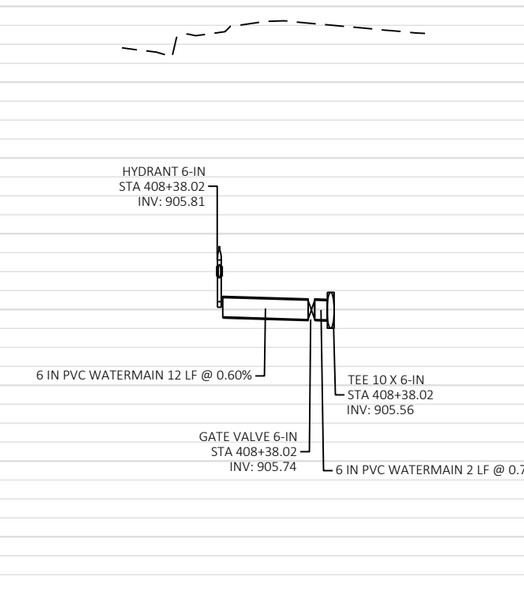

## WATERMAIN PROFILE - CONNECTION AT STA 406+94




## WATERMAIN PROFILE - CONNECTION AT STA 408+24

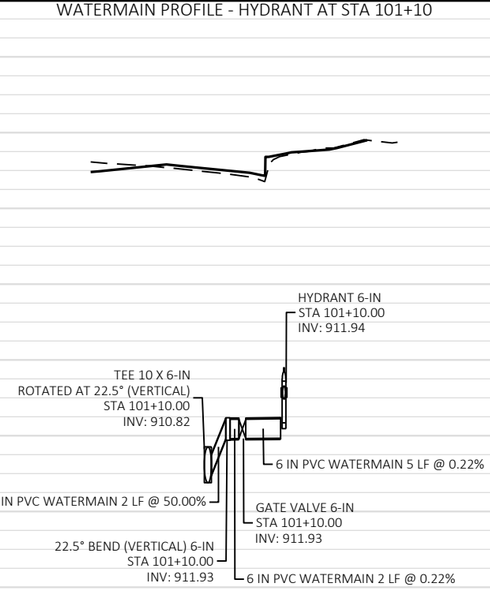



## WATERMAIN PROFILE - HYDRANT AT STA 408+38

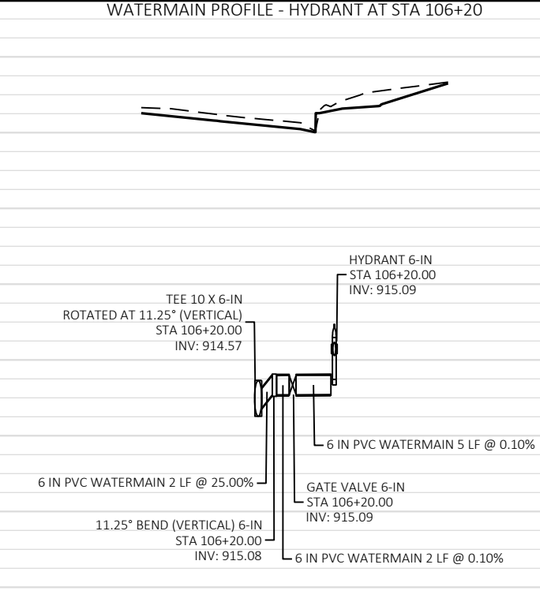



| PROJECT NO: 6998-05-06 | HWY: S MADISON STREET | COUNTY: DODGE | UTILITY PLANS: WATER MAIN PROFILES | SHEET 44 | E |
|---|---|---|---|---|---|

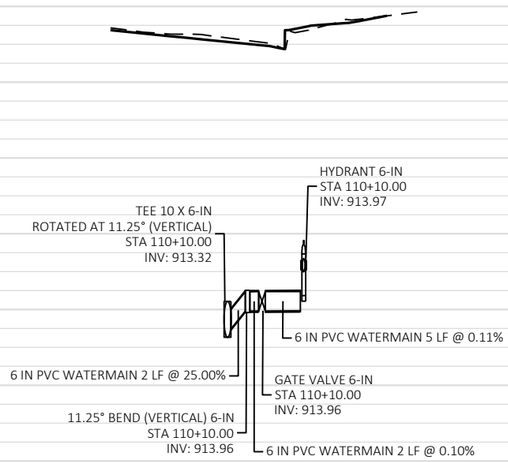
## WATERMAIN PROFILE - HYDRANT AT STA 101+10




## WATERMAIN PROFILE - HYDRANT AT STA 106+20




## WATERMAIN PROFILE - HYDRANT AT STA 110+10




| PROJECT NO: 6998-05-06 | HWY: S MADISON STREET | COUNTY: DODGE | UTILITY PLANS: WATER MAIN PROFILES | SHEET 45 | E |
|---|---|---|---|---|---|

## SANITARY SEWER SCHEDULE

| STRUCTURE NUMBER | ALIGNMENT | STATION | OFFSET | LOCATION | TYPE | RIM/GRATE ELEVATION | STRUCTURE INV ELEV | TOTAL DEPTH | CONNECTING PIPES | PIPE DIRECTION | PIPE SIZE & TYPE | PIPE INVERT | PIPE ROUTE | PIPE LENGTH | PIPE SLOPE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 697 | MADISON | 96+11.60 | 9.44 | RT | CONNECT TO EXISTING SAN MH | | | | 698-697 IN | N | 8" PVC | 904.81 | FROM STR: 698 | -- | -- | |
| 698 | MADISON | 98+50.00 | 0.00 | | SAN MH 4-FT DIA | 916.02 | 906.61 | 9.41 | 699-698 IN<br>698-697 OUT | N<br>S | 8" PVC<br>8" PVC | 906.71<br>906.61 | FROM STR: 699<br>TO STR: 697 | --<br>239.53' | --<br>0.75% | |
| 699 | MADISON | 100+43.84 | 0.00 | | SAN MH 4-FT DIA | 918.86 | 908.16 | 10.70 | 700-699 IN<br>699.1-699 IN<br>699-698 OUT | N<br>W<br>S | 8" PVC<br>8" PVC<br>8" PVC | 908.26<br>908.36<br>908.16 | FROM STR: 700<br>FROM STR: 699.1<br>TO STR: 698 | --<br>--<br>193.84' | --<br>--<br>0.75% | |
| 699.1 | MADISON | 100+41.24 | -54.94 | LT | SAN MH 4-FT DIA<br>OUTSIDE DROP TO WEST | 918.77 | 908.91 | 9.86 | 699.2-699.1 IN<br>699.3-699.1 IN<br>699.1-699 OUT | W<br>W<br>E | 8" PVC<br>8" PVC<br>8" PVC | 914.78<br>909.01<br>908.91 | FROM STR: 699.2<br>FROM STR: 699.3<br>TO STR: 699 | --<br>--<br>55.00' | --<br>--<br>1.00% | |
| 699.2 | MADISON | 100+40.67 | -64.92 | LT | CONNECT TO EXISTING<br>SANITARY SEWER PIPE | | | | 699.2-699.1 OUT | E | 8" PVC | 914.82 | TO STR: 699.1 | 10.00' | 0.40% | |
| 699.3 | MADISON | 100+41.01 | -58.93 | LT | BOTTOM OUTSIDE DROP | | | | 699.3-699.1 OUT | E | 8" PVC | 909.03 | TO STR: 699.1 | 4.00' | 0.50% | |
| 700 | MADISON | 104+00.00 | 0.00 | | SAN MH 4-FT DIA | 921.51 | 910.93 | 10.58 | 701-700 IN<br>700-699 OUT | N<br>S | 8" PVC<br>8" PVC | 911.03<br>910.93 | FROM STR: 701<br>TO STR: 699 | --<br>356.16' | --<br>0.75% | |
| 701 | MADISON | 106+69.28 | 0.00 | | SAN MH 4-FT DIA | 922.43 | 913.05 | 9.38 | 701.1-701 IN<br>701-700 OUT<br>701-702 OUT | E<br>S<br>N | 8" PVC<br>8" PVC<br>8" PVC | 913.29<br>913.05<br>913.25 | FROM STR: 701.1<br>TO STR: 700<br>TO STR: 702 | --<br>269.28'<br>110.52' | --<br>0.75%<br>0.45% | |
| 701.1 | MADISON | 106+69.79 | 10.00 | RT | CONNECT TO EXISTING<br>SANITARY SEWER PIPE | | | | 701.1-701 OUT | W | 8" PVC | 913.33 | TO STR: 701 | 10.01' | 0.40% | |
| 702 | MADISON | 107+79.80 | 0.00 | | SAN MH 4-FT DIA | 922.52 | 912.65 | 9.87 | 701-702 IN<br>702.1-702 IN<br>702-703 OUT | S<br>W<br>N | 8" PVC<br>8" PVC<br>8" PVC | 912.75<br>912.85<br>912.65 | FROM STR: 701<br>FROM STR: 702.1<br>TO STR: 703 | --<br>--<br>270.20' | --<br>--<br>0.45% | |
| 702.1 | MADISON | 107+76.25 | -54.71 | LT | SAN MH 4-FT DIA<br>OUTSIDE DROP TO WEST | 922.63 | 913.13 | 9.50 | 702.3-702.1 IN<br>702.2-702.1 IN<br>702.1-702 OUT | W<br>W<br>E | 8" PVC<br>8" PVC<br>8" PVC | 913.23<br>917.15<br>913.13 | FROM STR: 702.3<br>FROM STR: 702.2<br>TO STR: 702 | --<br>--<br>54.83' | --<br>--<br>0.50% | |
| 702.2 | MADISON | 107+75.60 | -64.69 | LT | CONNECT TO EXISTING<br>SANITARY SEWER PIPE | | | | 702.2-702.1 OUT | E | 8" PVC | 917.19 | TO STR: 702.1 | 10.00' | 0.42% | |
| 702.3 | MADISON | 107+75.99 | -58.71 | LT | BOTTOM OUTSIDE DROP | | | | 702.3-702.1 OUT | E | 8" PVC | 913.25 | TO STR: 702.1 | 4.00' | 0.50% | |
| 703 | MADISON | 110+50.00 | 0.00 | | SAN MH 4-FT DIA | 921.10 | 911.34 | 9.76 | 702-703 IN<br>703-704 OUT | S<br>N | 8" PVC<br>8" PVC | 911.44<br>911.34 | FROM STR: 702<br>TO STR: 704 | --<br>248.50' | --<br>0.80% | |
| 704 | MADISON | 112+98.50 | 0.00 | | CONNECT TO EXISTING<br>SANITARY SEWER PIPE | | | | 703-704 IN | S | 8" PVC | 909.35 | FROM STR: 703 | -- | -- | |

NOTES:
1. TOTAL DEPTH = RIM/GRATE ELEVATION - STRUCTURE INVERT ELEVATION.
2. MANHOLES SHALL BE CONSTRUCTED IN A WAY THAT WILL ALLOW THE CASTING TO BE ALIGNED IN THE MIDDLE OF A LANE OR ON A JOINT LINE.
3. CONTRACTOR SHALL VERIFY EXISTING PIPE SIZES, MATERIALS AND INVERT ELEVATION WHEN CONNECTING NEW SANITARY SEWER INTO EXISTING PIPES PRIOR TO MANUFACTURING INLETS AND MANHOLES.
4. STATION/ OFFSET OF SANITARY SEWER STRUCTURES ARE TO THE CENTER OF STRUCTURE.

## LEGEND

- XXX — SIGN - REMOVE EXISTING & PLACE NEW
- XXX — SIGN - MOVE EXISTING
- XXX — SIGN - PLACE NEW
- EXISTING SIGN
- PROPOSED SIGN MOUNTED ON POST(S)

## NOTES

SIGNS SHALL BE OFFSET MOUNTED WHEN NEEDED TO MAINTAIN 2' LATERAL CLEARANCE TO THE FACE OF CURB

S. MADISON STREET

MATCH LINE STA 97+00

MATCH LINE STA 103+00

LIBBY STREET

505 LIBBY ST
SILGAN CONTAINERS

LOCAL STREET NAME SIGNS TO BE RELOCATED BY THE CITY OF WAUPUN

101 — BIKE LANE AHEAD — MOVE

102 — SPEED LIMIT 35 — R2-1 24"X30"

103 — STOP — R1-1 30"X30"

104 — PLEASE DRIVE SLOWLY HERE OUR CHILDREN — MOVE

105 — BIKE LANE ENDS — MOVE

106 — R5-2 24"X24"

107 — STOP — R1-1 30"X30"

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | SIGNING PLAN | SHEET 47 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-023201-PS.DWG
LAYOUT NAME - Sheet-01

PLOT DATE : 7/16/2020 12:07 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

MATCH LINE STA 103+00

MATCH LINE STA 109+00

S. MADISON STREET

PARK AVENUE

E. LINCOLN STREET

N

LOCAL STREET NAME SIGNS TO BE RELOCATED BY THE CITY OF WAUPUN

PRIVATE SIGN TO BE RELOCATED BY OTHERS

PRIVATE SIGN TO REMAIN

202 BIKE LANE R3-17 30"X24"

204 STOP R1-1 30"X30"

205 WEIGHT LIMIT 6 TONS R12-1 24"X30"

206 NO PARKING HERE TO CORNER R7-51L 18"X24"

201 STOP R1-1 30"X30"

203A SPEED LIMIT 25 R2-1 24"X30"

203B BIKE LANE R3-17 30"X24"

301 SPEED LIMIT 25 R2-1 24"X30"

302 2 HR PARKING 1 AM TO 5 PM MON-SAT EXCEPT SIGNALIZED R7-108 18"X24"

304 NO PARKING HERE TO CORNER R7-51R 18"X24"

307 BIKE LANE R3-17 30"X24"

303A S1-1 36"X36"

303B S16-9P 30"X18"

303C R2-6P 24"X18" AHEAD FINES HIGHER

101 BIKE LANE AHEAD MOVE

305 TRINITY REFORMED CHURCH

306 2 HR PARKING 1 AM TO 5 PM MON-SAT EXCEPT SIGNALIZED R7-108 18"X24"

308 ONE WAY OTHER DIRECTIONS MOVE

105 BIKE LANE ENDS MOVE

310A S16-9P 30"X18" AHEAD

310B R2-6P 24"X18" FINES HIGHER

309 BIKE LANE R3-17 30"X24"

## LEGEND

- XXX — SIGN - REMOVE EXISTING & PLACE NEW
- XXX — SIGN - MOVE EXISTING
- XXX — SIGN - PLACE NEW
- EXISTING SIGN
- PROPOSED SIGN MOUNTED ON POST(S)

## NOTES

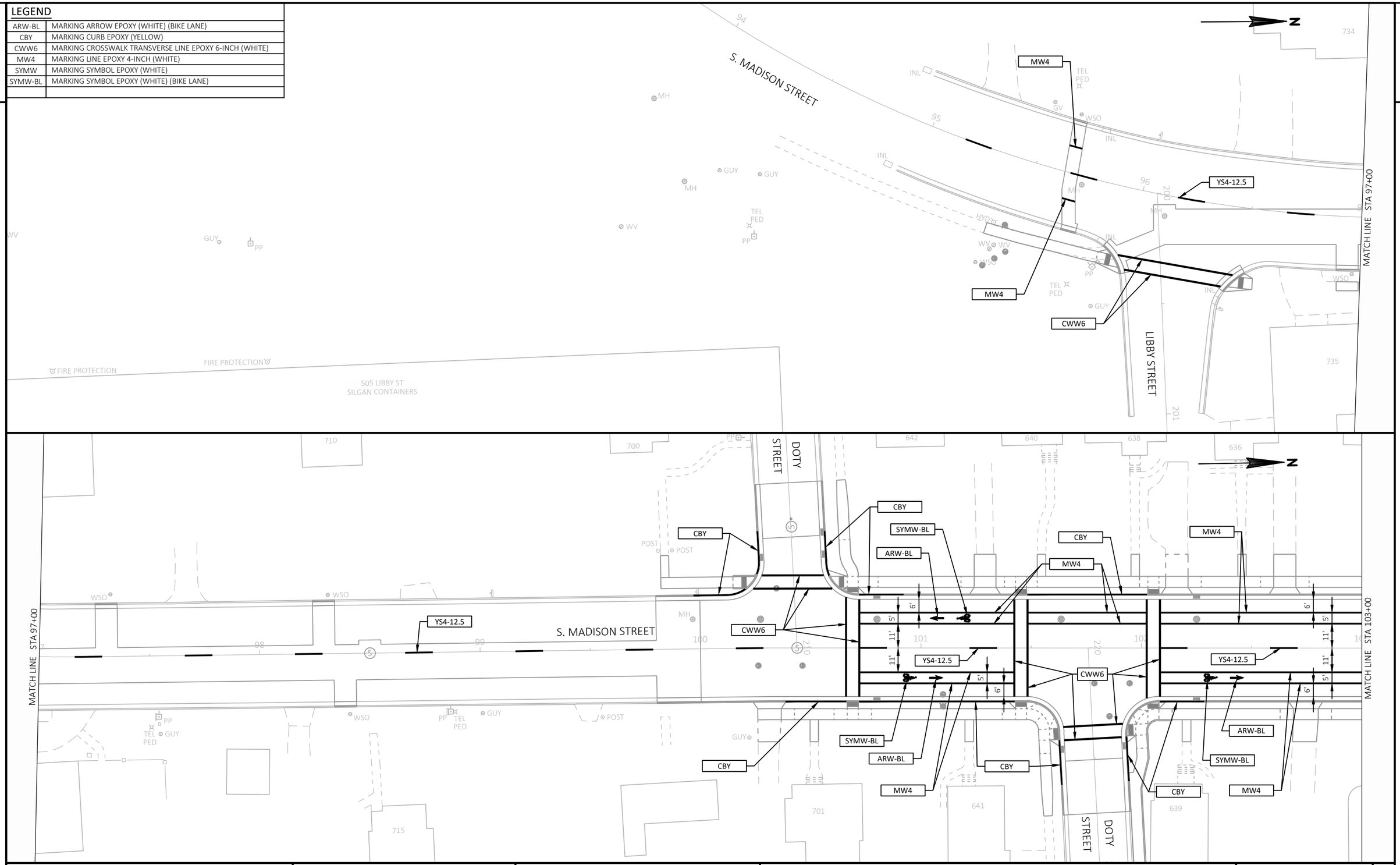
SIGNS SHALL BE OFFSET MOUNTED WHEN NEEDED TO MAINTAIN 2' LATERAL CLEARANCE TO THE FACE OF CURB

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | SIGNING PLAN | SHEET 48 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-023201-PS.DWG
LAYOUT NAME - Sheet-02
PLOT DATE : 10/29/2020 3:27 PM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

## LEGEND

| | |
|---|---|
| ARW-BL | MARKING ARROW EPOXY (WHITE) (BIKE LANE) |
| CBY | MARKING CURB EPOXY (YELLOW) |
| CWW6 | MARKING CROSSWALK TRANSVERSE LINE EPOXY 6-INCH (WHITE) |
| MW4 | MARKING LINE EPOXY 4-INCH (WHITE) |
| SYMW | MARKING SYMBOL EPOXY (WHITE) |
| SYMW-BL | MARKING SYMBOL EPOXY (WHITE) (BIKE LANE) |
| | |

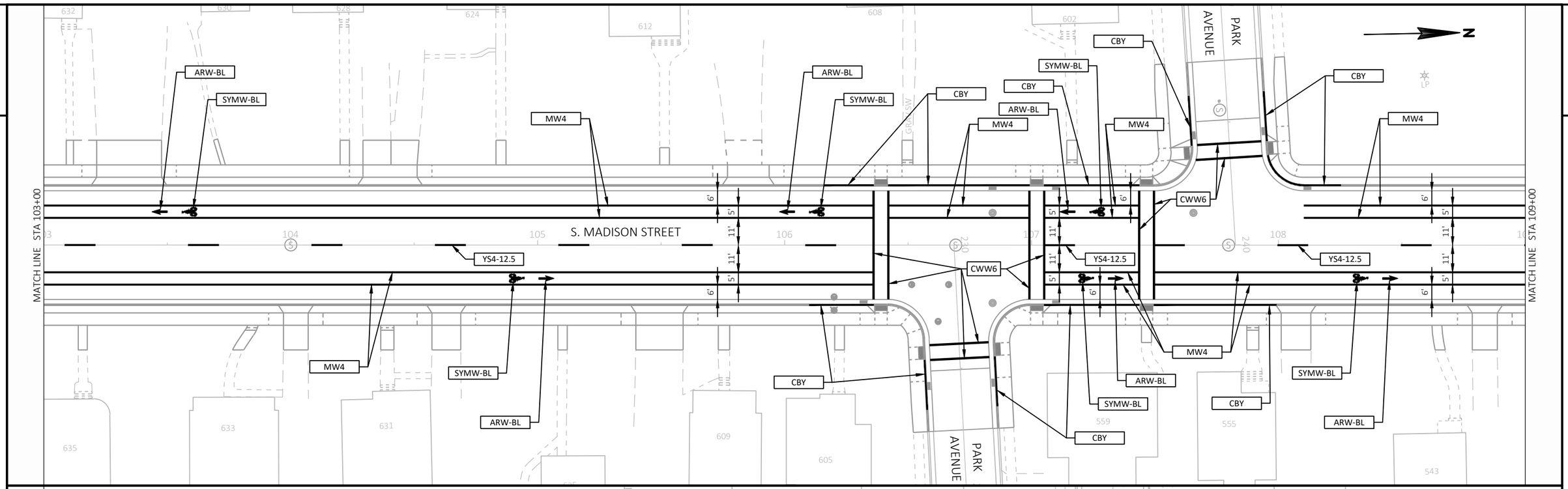


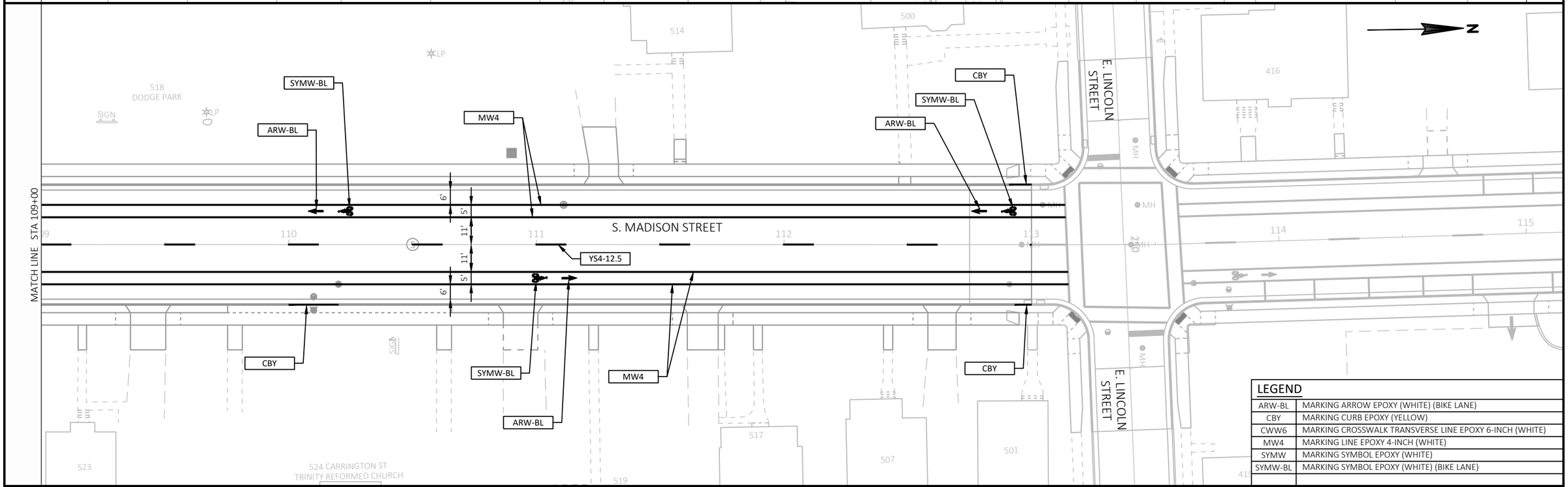

| PROJECT NO: 6998-05-05/06 | HWY: S MADISON STREET | COUNTY: DODGE | PAVEMENT MARKING PLAN | SHEET 49 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-024501-PM.DWG
LAYOUT NAME - Sheet-01

PLOT DATE : 10/12/2021 9:19 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44




| LEGEND | |
|---|---|
| ARW-BL | MARKING ARROW EPOXY (WHITE) (BIKE LANE) |
| CBY | MARKING CURB EPOXY (YELLOW) |
| CWW6 | MARKING CROSSWALK TRANSVERSE LINE EPOXY 6-INCH (WHITE) |
| MW4 | MARKING LINE EPOXY 4-INCH (WHITE) |
| SYMW | MARKING SYMBOL EPOXY (WHITE) |
| SYMW-BL | MARKING SYMBOL EPOXY (WHITE) (BIKE LANE) |

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | PAVEMENT MARKING PLAN | SHEET 50 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-024501-PM.DWG
LAYOUT NAME - Sheet-02
PLOT DATE : 10/12/2021 9:19 AM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

## LEGEND

- SIGN LOCATION
- TYPE III BARRICADE WITH SIGN AND TWO WARNING LIGHTS
- WORK AREA
- (C) PLACE TRAFFIC CONTROL SIGNS PER "DETAIL C" IN SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES"
- (E) PLACE TRAFFIC CONTROL SIGNS PER "DETAIL E" IN SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES"
- (4) PLACE TRAFFIC CONTROL SIGNS PER "DETAIL 4" IN SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES"

## GENERAL NOTES

SEE S.D.D. "BARRICADES AND SIGNS FOR MAINLINE CLOSURES", "BARRICADES AND SIGNS FOR VARIOUS CLOSURES", "DETOUR SIGNING FOR MAINLINE CLOSURES", AND "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" FOR GENERAL NOTES AND SIGN SPACING REQUIREMENTS.

DRAWINGS SHOW TRAFFIC CONTROL FOR A TYPICAL SITUATION. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED AND/OR LAYOUT DETAILS MODIFIED DEPENDING ON FIELD CONDITIONS AND THE CONTRACTOR'S METHODS OR SEQUENCE OF OPERATION.

MAP SHOWN IS NOT TO SCALE.

N

R11-3
60" X 30"
ROAD CLOSED
0.3 MILES AHEAD
LOCAL TRAFFIC ONLY

TYPE III BARRICADE

R11-3
60" X 30"
ROAD CLOSED
0.3 MILES AHEAD
LOCAL TRAFFIC ONLY

TYPE III BARRICADE

C/E

4

4

4

4

C/E

ACCESSORY DR
MADISON ST
MOORMAN DR
INDUSTRIAL AVE
WILSON DR
BARNES ST
STORBECK DR
WATERTOWN ST
BUWALDA DR
ROBIN RD
ANDY LN
LORI CT
CLAGGETT AVE
FLWAY DR
TAFT LN
LIBBY ST
DOTY ST
REIDS DR
MORSE ST
COCHRANE ST
PARK AVE
LINCOLN ST
OLMSTEAD ST
ARCOLE ST
BEVERLY CT
WILCOX CT
BRONSON ST
BROWN ST
CARRINGTON ST
GROVE ST
SAWYER ST
WELCH ST
WALKER ST
MAXON ST
DRUMMOND ST
FOREST ST
JEFFERSON ST
MILL ST
COMMERCIAL ST
FRANKLIN ST
FOND DU LAC ST
MAIN ST

M
49
26

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | TRAFFIC CONTROL: OVERVIEW | SHEET 51 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-025001-TC.DWG
LAYOUT NAME - Sheet-01

PLOT DATE : 7/16/2020 12:13 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : NTS

WISDOT/CADDS SHEET 42

2




## LEGEND

- WORK AREA
- (A) TEMPORARY CROSSWAK ACROSS MADISON STREET WITHIN CONSTRUCTION LIMITS.
- (B) TEMPORARY CROSSWALK SIDEROAD OUTSIDE CONSTRUCTION LIMITS.

## GENERAL NOTES - PEDESTRIAN ACCOMMODATIONS

REFER TO SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR DETAILS.

TEMPORARY CROSSWALKS SHALL BE MOVED AS NEEDED TO PROVIDE CONTINUOUS PEDESTRIAN ACCESS THROUGHOUT THE PROJECT. TEMPORARY CROSSWALKS SHALL BE PROVIDED AT ALL TIMES FOR A MINIMUM OF ONE NORTH-SOUTH LEG OF THE INDICATED INTERSECTIONS AS DIRECTED BY THE FIELD ENGINEER.

POST MOUNTED SIGNS LOCATED NEAR OR ADJACENT TO THE SIDEWALK SHALL HAVE A 7-FT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE EXISTING OR NEW SIDEWALK.

SIDEWALK TO BE MAINTAINED ON ALL SIDEROADS AND ALONG MADISON STREET DURING STORM SEWER INSTALLATION. FURNISHING AND INSTALLATION OF TEMPORARY ASPHALTIC SURFACE AS NECESSARY TO MAINTAIN OR REPAIR SIDEWALK DISTURBED BY STORM SEWER INSTALLATION SHALL BE CONSIDERED INCIDENTAL TO OTHER ITEMS.

FURNISH AND INSTALL TEMPORARY CURB RAMPS WHEN EXISTING OR FINISHED CURB RAMPS ARE NOT IN PLACE.

2

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | TRAFFIC CONTROL: PEDESTRIAN ACCOMMODATIONS | SHEET 52 | E |
|---|---|---|---|---|---|

2

N

80

BP: 80+00.00
X=874823.895
Y=782473.196

85

1223.17'
N49° 57' 06.17"E

90

PI STA = 94+88.00
Y = 783430.626
X = 875962.965
DELTA = 49°36'52"
D = 10°00'00"
T = 264.83'
L = 496.15'
R = 572.96'
PC STA = 92+23.17
PT STA = 97+19.32

PC: 92+23.17
X=875760.236
Y=783260.225

95

STA 96+06.50
=STA 200+00.00
Y=783583.431
X=875952.794

PT: 97+19.32
X=875964.524
Y=783695.454

DOTY STREET (WEST) R/L

BP: 208+00.00
X=875766.718
Y=784013.210

250.00'
N88° 03' 44.39"E

CONSTRUCTION LIMITS
STA 238+80.20
Y=784017.436
X=875891.647

STA 100+43.84
=STA 210+00.00
Y=784019.972
X=875966.604

STA 101+75.81
=STA 220+00.00
Y=784151.919
X=875969.091

STA 106+68.65
=STA 230+00.00
Y=784644.670
X=875978.379

PARK AVENUE (WEST) R/L

BP: 238+00.00
X=875780.701
Y=784750.246

CONSTRUCTION LIMITS
STA 239+25.00
Y=784755.474
X=875905.592

250.00'
N87° 36' 11.15"E

END PROJECT 6998-05-05
END PROJECT 6998-05-06
STA 113+00.00
Y=785275.906
X=875990.276

LINCOLN STREET (WEST) R/L

WATER MAIN R/L

400

862.95'
N0° 21' 01.60"W

405

410

311.48'
N0° 20' 14.36"E

100

105

1319.54'
N1° 04' 47.30"E

110

1474.66'
N0° 39' 46.14"W

115

BP: 400+00.00
X=875968.882
Y=782676.152

PI: 408+62.95
X=875963.604
Y=783539.084

N87° 58' 39.47"E

250.00'

200

202

210

220

230

240

248

250

252

PI: 100+30.80
X=875966.358
Y=784006.929

STA 97+19.32
=STA 410+19.32
Y=783695.454
X=875964.524

156.37'
N0° 20' 14.36"E

LIBBY STREET R/L

EP: 202+00.00
X=876152.669
Y=783590.489

BEGIN PROJECT 6998-05-06
STA 401+58.69
Y=782834.844
X=875967.911

BEGIN PROJECT 6998-05-05
STA 99+80.00
Y=783956.132
X=875966.059

250.00'
N88° 00' 01.00"E

EP: 222+00.00
X=876168.969
Y=784158.898

CONSTRUCTION LIMITS
STA 220+75.00
Y=784154.536
X=876044.045

DOTY STREET (EAST) R/L

250.00'
N88° 12' 33.45"E

EP: 232+00.00
X=876178.281
Y=784650.920

CONSTRUCTION LIMITS
STA 230+75.00
Y=784647.014
X=876053.342

PARK AVENUE (EAST) R/L

STA 107+82.61
=STA 240+00.00
Y=784758.610
X=875980.526

LINCOLN STREET (EAST) R/L

PI: 113+50.34
X=875991.225
Y=785326.237

| PROJECT NO: 6998-05-05/06 | HWY: S MADISON STREET | COUNTY: DODGE | ALIGNMENT DIAGRAM | SHEET 53 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-027201-AD.DWG
LAYOUT NAME - Sheet-01

PLOT DATE : 7/16/2020 12:15 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:200 FT

| | | | | | 6998-05-05 | 6998-05-06 |
|---|---|---|---|---|---|---|
| Line | Item | Item Description | Unit | Total | Qty | Qty |
| 0002 | 201.0105 | Clearing | STA | 8.000 | 8.000 | |
| 0004 | 201.0205 | Grubbing | STA | 8.000 | 8.000 | |
| 0006 | 204.0100 | Removing Concrete Pavement | SY | 8,540.000 | 7,730.000 | 810.000 |
| 0008 | 204.0150 | Removing Curb & Gutter | LF | 297.000 | 297.000 | |
| 0010 | 204.0155 | Removing Concrete Sidewalk | SY | 1,295.000 | 1,264.000 | 31.000 |
| 0012 | 204.0210 | Removing Manholes | EACH | 3.000 | 3.000 | |
| 0014 | 204.0220 | Removing Inlets | EACH | 9.000 | 9.000 | |
| 0016 | 204.0245 | Removing Storm Sewer (size) 01. 12-Inch | LF | 335.000 | 335.000 | |
| 0018 | 204.0245 | Removing Storm Sewer (size) 02. 15-Inch | LF | 498.000 | 498.000 | |
| 0020 | 204.0245 | Removing Storm Sewer (size) 03. 18-Inch | LF | 217.000 | 217.000 | |
| 0022 | 204.9060.S | Removing (item description) 01. Sanitary Manholes | EACH | 5.000 | | 5.000 |
| 0024 | 204.9165.S | Removing (item description) 01. Stone Pavers | SF | 30.000 | 30.000 | |
| 0026 | 205.0100 | Excavation Common | CY | 7,008.000 | 7,008.000 | |
| 0028 | 213.0100 | Finishing Roadway (project) 01. 6998-05-05 | EACH | 1.000 | 1.000 | |
| 0030 | 305.0110 | Base Aggregate Dense 3/4-Inch | TON | 520.000 | 513.000 | 7.000 |
| 0032 | 305.0120 | Base Aggregate Dense 1 1/4-Inch | TON | 4,245.000 | 3,640.000 | 605.000 |
| 0034 | 312.0110 | Select Crushed Material | TON | 5,610.000 | 5,610.000 | |
| 0036 | 415.0080 | Concrete Pavement 8-Inch | SY | 6,740.000 | 6,740.000 | |
| 0038 | 416.0160 | Concrete Driveway 6-Inch | SY | 365.000 | 360.000 | 5.000 |
| 0040 | 416.0610 | Drilled Tie Bars | EACH | 84.000 | 36.000 | 48.000 |
| 0042 | 416.0620 | Drilled Dowel Bars | EACH | 32.000 | 32.000 | |
| 0044 | 455.0605 | Tack Coat | GAL | 65.000 | 21.000 | 44.000 |
| 0046 | 465.0105 | Asphaltic Surface | TON | 340.000 | 98.000 | 242.000 |
| 0048 | 465.0120 | Asphaltic Surface Driveways and Field Entrances | TON | 16.000 | 16.000 | |
| 0050 | 520.8000 | Concrete Collars for Pipe | EACH | 2.000 | 2.000 | |
| 0052 | 601.0409 | Concrete Curb & Gutter 30-Inch Type A | LF | 2,645.000 | 2,645.000 | |
| 0054 | 601.0411 | Concrete Curb & Gutter 30-Inch Type D | LF | 317.000 | 236.000 | 81.000 |
| 0056 | 601.0600 | Concrete Curb Pedestrian | LF | 44.000 | 44.000 | |
| 0058 | 602.0405 | Concrete Sidewalk 4-Inch | SF | 13,710.000 | 13,449.000 | 261.000 |
| 0060 | 602.0415 | Concrete Sidewalk 6-Inch | SF | 1,110.000 | 1,025.000 | 85.000 |
| 0062 | 602.0505 | Curb Ramp Detectable Warning Field Yellow | SF | 220.000 | 200.000 | 20.000 |
| 0064 | 602.1500 | Concrete Steps | SF | 58.000 | 58.000 | |
| 0066 | 608.0005 | Storm Sewer Rock Excavation | CY | 230.000 | 230.000 | |
| 0068 | 608.0412 | Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch | LF | 284.000 | 284.000 | |
| 0070 | 608.0415 | Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch | LF | 405.000 | 405.000 | |
| 0072 | 608.0418 | Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch | LF | 459.000 | 459.000 | |
| 0074 | 608.3612 | Storm Sewer Pipe Class III-B 12-Inch | LF | 58.000 | 58.000 | |
| 0076 | 608.3615 | Storm Sewer Pipe Class III-B 15-Inch | LF | 116.000 | 116.000 | |
| 0078 | 608.3618 | Storm Sewer Pipe Class III-B 18-Inch | LF | 198.000 | 198.000 | |
| 0080 | 608.3621 | Storm Sewer Pipe Class III-B 21-Inch | LF | 32.000 | 32.000 | |
| 0082 | 611.0535 | Manhole Covers Type J-Special | EACH | 8.000 | 8.000 | |
| 0084 | 611.0624 | Inlet Covers Type H | EACH | 11.000 | 11.000 | |
| 0086 | 611.0639 | Inlet Covers Type H-S | EACH | 7.000 | 7.000 | |
| 0088 | 611.0642 | Inlet Covers Type MS | EACH | 1.000 | 1.000 | |
| 0090 | 611.1230 | Catch Basins 2x3-FT | EACH | 18.000 | 18.000 | |
| 0092 | 611.2004 | Manholes 4-FT Diameter | EACH | 7.000 | 7.000 | |
| 0094 | 611.2005 | Manholes 5-FT Diameter | EACH | 1.000 | 1.000 | |
| 0096 | 611.3901 | Inlets Median 1 Grate | EACH | 1.000 | 1.000 | |
| 0098 | 612.0406 | Pipe Underdrain Wrapped 6-Inch | LF | 575.000 | 575.000 | |

| Line | Item | Item Description | Unit | Total | 6998-05-05 Qty | 6998-05-06 Qty |
|---|---|---|---|---|---|---|
| 0100 | 619.1000 | Mobilization | EACH | 1.000 | 1.000 | |
| 0102 | 624.0100 | Water | MGAL | 145.000 | 136.000 | 9.000 |
| 0104 | 625.0100 | Topsoil | SY | 4,070.000 | 2,884.000 | 1,186.000 |
| 0106 | 628.1504 | Silt Fence | LF | 985.000 | | 985.000 |
| 0108 | 628.1520 | Silt Fence Maintenance | LF | 985.000 | | 985.000 |
| 0110 | 628.1905 | Mobilizations Erosion Control | EACH | 14.000 | 10.000 | 4.000 |
| 0112 | 628.1910 | Mobilizations Emergency Erosion Control | EACH | 9.000 | 6.000 | 3.000 |
| 0114 | 628.2006 | Erosion Mat Urban Class I Type A | SY | 4,070.000 | 2,884.000 | 1,186.000 |
| 0116 | 628.7005 | Inlet Protection Type A | EACH | 1.000 | 1.000 | |
| 0118 | 628.7010 | Inlet Protection Type B | EACH | 1.000 | 1.000 | |
| 0120 | 628.7015 | Inlet Protection Type C | EACH | 35.000 | 29.000 | 6.000 |
| 0122 | 628.7020 | Inlet Protection Type D | EACH | 9.000 | 9.000 | |
| 0124 | 628.7560 | Tracking Pads | EACH | 2.000 | 2.000 | |
| 0126 | 628.7570 | Rock Bags | EACH | 45.000 | | 45.000 |
| 0128 | 629.0210 | Fertilizer Type B | CWT | 2.600 | 1.800 | 0.800 |
| 0130 | 630.0140 | Seeding Mixture No. 40 | LB | 74.000 | 52.500 | 21.500 |
| 0132 | 630.0500 | Seed Water | MGAL | 69.000 | 48.800 | 20.200 |
| 0134 | 637.2210 | Signs Type II Reflective H | SF | 82.720 | 82.720 | |
| 0136 | 637.2230 | Signs Type II Reflective F | SF | 14.250 | 14.250 | |
| 0138 | 638.2102 | Moving Signs Type II | EACH | 5.000 | 5.000 | |
| 0140 | 638.2602 | Removing Signs Type II | EACH | 13.000 | 13.000 | |
| 0142 | 638.3000 | Removing Small Sign Supports | EACH | 14.000 | 14.000 | |
| 0144 | 638.4000 | Moving Small Sign Supports | EACH | 2.000 | 2.000 | |
| 0146 | 642.5201 | Field Office Type C | EACH | 1.000 | 1.000 | |
| 0148 | 643.0410 | Traffic Control Barricades Type II | DAY | 1,224.000 | 1,224.000 | |
| 0150 | 643.0420 | Traffic Control Barricades Type III | DAY | 3,744.000 | 3,744.000 | |
| 0152 | 643.0705 | Traffic Control Warning Lights Type A | DAY | 7,848.000 | 7,848.000 | |
| 0154 | 643.0900 | Traffic Control Signs | DAY | 5,436.000 | 5,436.000 | |
| 0156 | 643.5000 | Traffic Control | EACH | 1.000 | 1.000 | |
| 0158 | 644.1430 | Temporary Pedestrian Surface Plate | SF | 633.000 | 633.000 | |
| 0160 | 644.1601 | Temporary Pedestrian Curb Ramp | DAY | 720.000 | 720.000 | |
| 0162 | 645.0220 | Geogrid Type SR | SY | 8,055.000 | 8,055.000 | |
| 0164 | 646.1020 | Marking Line Epoxy 4-Inch | LF | 4,945.000 | 4,808.000 | 137.000 |
| 0166 | 646.5020 | Marking Arrow Epoxy | EACH | 12.000 | 12.000 | |
| 0168 | 646.5220 | Marking Symbol Epoxy | EACH | 12.000 | 12.000 | |
| 0170 | 646.7420 | Marking Crosswalk Epoxy Transverse Line 6-Inch | LF | 846.000 | 748.000 | 98.000 |
| 0172 | 646.8120 | Marking Curb Epoxy | LF | 660.000 | 660.000 | |
| 0174 | 649.0150 | Temporary Marking Line Removable Tape 4-Inch | LF | 328.000 | 328.000 | |
| 0176 | 650.4000 | Construction Staking Storm Sewer | EACH | 27.000 | 27.000 | |
| 0178 | 650.4500 | Construction Staking Subgrade | LF | 1,620.000 | 1,620.000 | |
| 0180 | 650.5000 | Construction Staking Base | LF | 117.000 | 117.000 | |
| 0182 | 650.5500 | Construction Staking Curb Gutter and Curb & Gutter | LF | 236.000 | 236.000 | |
| 0184 | 650.7000 | Construction Staking Concrete Pavement | LF | 1,503.000 | 1,503.000 | |
| 0186 | 650.9000 | Construction Staking Curb Ramps | EACH | 22.000 | 20.000 | 2.000 |
| 0188 | 650.9910 | Construction Staking Supplemental Control (project) 01. 6998-05-05 | LS | 1.000 | 1.000 | |
| 0190 | 650.9920 | Construction Staking Slope Stakes | LF | 1,620.000 | 1,620.000 | |
| 0192 | 690.0150 | Sawing Asphalt | LF | 182.000 | 182.000 | |
| 0194 | 690.0250 | Sawing Concrete | LF | 1,433.000 | 375.000 | 1,058.000 |
| 0196 | 715.0720 | Incentive Compressive Strength Concrete Pavement | DOL | 2,022.000 | 2,022.000 | |

| Line | Item | Item Description | Unit | Total | 6998-05-05 Qty | 6998-05-06 Qty |
|---|---|---|---|---|---|---|
| 0198 | ASP.1T0A | On-the-Job Training Apprentice at $5.00/HR | HRS | 1,200.000 | 1,200.000 | |
| 0200 | ASP.1T0G | On-the-Job Training Graduate at $5.00/HR | HRS | 300.000 | 300.000 | |
| 0202 | SPV.0035 | Special 01. Water Main Rock Excavation | CY | 1,810.000 | | 1,810.000 |
| 0204 | SPV.0035 | Special 02. Sanitary Sewer Rock Excavation | CY | 1,215.000 | | 1,215.000 |
| 0206 | SPV.0060 | Special 01. U-Channel Sign Post 14-FT | EACH | 18.000 | 18.000 | |
| 0208 | SPV.0060 | Special 02. U-Channel Sign Post 16-FT | EACH | 2.000 | 2.000 | |
| 0210 | SPV.0060 | Special 03. Connect to Existing Water Main | EACH | 8.000 | | 8.000 |
| 0212 | SPV.0060 | Special 04. Water Gate Valve 6-Inch | EACH | 4.000 | | 4.000 |
| 0214 | SPV.0060 | Special 05. Water Gate Valve 8-Inch | EACH | 5.000 | | 5.000 |
| 0216 | SPV.0060 | Special 06. Water Gate Valve 10-Inch | EACH | 8.000 | | 8.000 |
| 0218 | SPV.0060 | Special 07. Water Tee 8x6-Inch | EACH | 1.000 | | 1.000 |
| 0220 | SPV.0060 | Special 08. Water Tee 10x6-Inch | EACH | 4.000 | | 4.000 |
| 0222 | SPV.0060 | Special 09. Water Tee 10x8-Inch | EACH | 4.000 | | 4.000 |
| 0224 | SPV.0060 | Special 10. Water Tee 10x10-Inch | EACH | 1.000 | | 1.000 |
| 0226 | SPV.0060 | Special 11. Water 11.25 Deg Bend 6-Inch | EACH | 3.000 | | 3.000 |
| 0228 | SPV.0060 | Special 12. Water 22.5 Deg Bend 6-Inch | EACH | 2.000 | | 2.000 |
| 0230 | SPV.0060 | Special 13. Water 22.5 Deg Bend 10-Inch | EACH | 3.000 | | 3.000 |
| 0232 | SPV.0060 | Special 14. Water 45 Deg Bend 6-Inch | EACH | 2.000 | | 2.000 |
| 0234 | SPV.0060 | Special 15. Water 45 Deg Bend 8-Inch | EACH | 12.000 | | 12.000 |
| 0236 | SPV.0060 | Special 16. Water 45 Deg Bend 10-Inch | EACH | 2.000 | | 2.000 |
| 0238 | SPV.0060 | Special 17. Water Reducer 8x6-Inch | EACH | 1.000 | | 1.000 |
| 0240 | SPV.0060 | Special 18. Water Reducer 10x8-Inch | EACH | 1.000 | | 1.000 |
| 0242 | SPV.0060 | Special 19. Water Hydrant | EACH | 4.000 | | 4.000 |
| 0244 | SPV.0060 | Special 20. Removing Hydrant | EACH | 3.000 | | 3.000 |
| 0246 | SPV.0060 | Special 21. Water Service Corp, Stop, Box Saddle and Union 1 1/4-Inch | EACH | 34.000 | | 34.000 |
| 0248 | SPV.0060 | Special 22. Connect to Existing Sanitary Sewer Manhole | EACH | 1.000 | | 1.000 |
| 0250 | SPV.0060 | Special 23. Connect to Existing Sanitary Sewer Pipe | EACH | 4.000 | | 4.000 |
| 0252 | SPV.0060 | Special 24. Sanitary Sewer Manholes 4-FT Diameter with Casting | EACH | 6.000 | | 6.000 |
| 0254 | SPV.0060 | Special 25. Sanitary Sewer Outside Drop Manholes 4-FT Diameter with Casting | EACH | 2.000 | | 2.000 |
| 0256 | SPV.0060 | Special 26. Abandon Water Main Project 6998-05-06 | EACH | 1.000 | | 1.000 |
| 0258 | SPV.0060 | Special 27. Water Service Corp Stop Box Saddle & Union 2-Inch | EACH | 1.000 | | 1.000 |
| 0260 | SPV.0090 | Special 01. Concrete Curb Pedestrian Decorative | LF | 59.000 | 59.000 | |
| 0262 | SPV.0090 | Special 02. Storm Sewer Lateral PVC 6-Inch | LF | 72.000 | 72.000 | |
| 0264 | SPV.0090 | Special 03. Water Main PVC 6-Inch | LF | 95.000 | | 95.000 |
| 0266 | SPV.0090 | Special 04. Water Main PVC 8-Inch | LF | 668.000 | | 668.000 |
| 0268 | SPV.0090 | Special 05. Water Main PVC 10-Inch | LF | 1,948.000 | | 1,948.000 |
| 0270 | SPV.0090 | Special 06. Water Service PE 1 1/4-Inch | LF | 1,269.000 | | 1,269.000 |
| 0272 | SPV.0090 | Special 07. Sanitary Sewer PVC 8-Inch | LF | 1,837.000 | | 1,837.000 |
| 0274 | SPV.0090 | Special 08. Sanitary Sewer Lateral PVC 6-Inch | LF | 1,280.000 | | 1,280.000 |
| 0276 | SPV.0090 | Special 09. Water Service PE 2-Inch | LF | 22.000 | | 22.000 |
| 0278 | SPV.0180 | Special 01. Preparing Topsoil for Lawn Type Turf | SY | 4,070.000 | 2,884.000 | 1,186.000 |

3

## CLEARING AND GRUBBING ITEMS

| STATION - STATION | LOCATION | 201.0105 CLEARING STA | 201.0205 GRUBBING STA |
|---|---|---|---|
| **PROJECT 6998-05-05** | | | |
| CATEGORY CODE 0010 | | | |
| 102+00 - 103+00 | LT | 1 | 1 |
| 104+00 - 105+00 | LT | 1 | 1 |
| 106+00 - 110+00 | LT & RT | 4 | 4 |
| 111+00 - 112+00 | LT | 1 | 1 |
| 230+00 - 231+00 | LT | 1 | 1 |
| | **TOTALS** | **8** | **8** |

## REMOVING ITEMS

| STATION - STATION | LOCATION | 204.0100 REMOVING CONCRETE PAVEMENT SY | 204.0150 REMOVING CURB & GUTTER LF | 204.0155 REMOVING CONCRETE SIDEWALK SY | 204.9165.S REMOVING 01. STONE PAVERS SF |
|---|---|---|---|---|---|
| **PROJECT 6998-05-05** | | | | | |
| CATEGORY CODE 0010 | | | | | |
| 99+80 - 113+00 | LT & RT | 7,730 | 297 | 1,264 | 30 |
| PROJECT 6998-05-05 SUBTOTALS | | 7,730 | 297 | 1,264 | 30 |
| **PROJECT 6998-05-06** | | | | | |
| CATEGORY CODE 0010 | | | | | |
| 95+37 - 99+80 | LT & RT | 435 | -- | 31 | -- |
| CATEGORY CODE 0010 SUBTOTALS | | 435 | -- | 31 | -- |
| CATEGORY CODE 0020 | | | | | |
| 96+06 - 99+80 | LT & RT | 375 | -- | -- | -- |
| CATEGORY CODE 0020 SUBTOTALS | | 375 | -- | -- | -- |
| PROJECT 6998-05-06 SUBTOTALS | | 810 | -- | 31 | -- |
| | **TOTALS** | **8,540** | **297** | **1,295** | **30** |

## REMOVING STORM SEWER ITEMS

| STATION - STATION | 204.0210 REMOVING MANHOLES EACH | 204.0220 REMOVING INLETS EACH | 204.0245.01 REMOVING STORM SEWER 12-INCH LF | 204.0245.02 REMOVING STORM SEWER 15-INCH LF | 204.0245.03 REMOVING STORM SEWER 18-INCH LF |
|---|---|---|---|---|---|
| **PROJECT 6998-05-05** | | | | | |
| CATEGORY CODE 0010 | | | | | |
| 99+95 - 108+11 | 3 | 9 | 335 | 498 | 217 |
| **TOTALS** | **3** | **9** | **335** | **498** | **217** |

## REMOVING SANITARY MANHOLES

| STATION | LOCATION | 204.9060.S.01 EACH |
|---|---|---|
| **PROJECT 6998-05-06** | | |
| CATEGORY CODE 0020 | | |
| 100+44 | RT | 1 |
| 104+14 | RT | 1 |
| 106+69 | RT | 1 |
| 107+80 | RT | 1 |
| 112+96 | C/L | 1 |
| | **TOTAL** | **5** |

3

| Division | From/To Station | 205.0100 Common Excavation (1) Cut (2) | 205.0100 Common Excavation (1) EBS Excavation (3) | Salvaged/Unusable Pavement Material (4) | Available Material (5) | Unexpanded Fill | Expanded Fill (6) | Mass Ordinate +/- (7) | Waste |
|---|---|---|---|---|---|---|---|---|---|
| **PROJECT 6998-05-05** Division 1 | | | | | | | **Factor 1.25** | | |
| South Madison Street | 99+80/113+00 | 6,298 | 0 | 1,797 | 4,501 | 10 | 12 | 4,489 | 4,489 |
| Doty Street (West) | 209+25/209+78 | 172 | 0 | 19 | 153 | 0 | 0 | 153 | 153 |
| Doty Street (East) | 220+22/220+75 | 197 | 0 | 18 | 179 | 0 | 1 | 179 | 179 |
| Park Avenue (East) | 230+22/230+75 | 169 | 0 | 17 | 152 | 0 | 0 | 152 | 152 |
| Park Avenue (West) | 239+25/239+78 | 172 | 0 | 19 | 153 | 2 | 3 | 151 | 151 |
| Division 1 Subtotal | | 7,008 | 0 | 1,870 | 5,138 | 13 | 16 | 5,122 | 5,122 |
| | | | | | | | | | |
| Grand Total | | 7,008 | 0 | 1,870 | 5,138 | 13 | 16 | 5,122 | 5,122 |
| Total Common Excavation | | 7,008 | | | | | | | |

Notes:
(1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.01000.
(2) Salvaged/Unusable Pavement Material is included in Cut.
(3) EBS Excavation to be backfilled with Breaker Run.
(4) Salvaged/Unusable Pavement Material = Length * Typical Width * Typical Depth
(5) Available Material = Cut - Salvaged/Unusuable Pavement Material
(6) Expanded Fill Factor = 1.25. Expanded Fill = Unexpanded Fill * Fill Factor.
(7) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material. Minus indicates a shortage of material.

## SUBGRADE ITEMS

| STATION - STATION | LOCATION | 305.0110 BASE AGGREGATE DENSE 3/4-INCH TON | 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON | 312.0110 SELECT CRUSHED MATERIAL TON | 624.0100 WATER MGAL |
|---|---|---|---|---|---|
| **PROJECT 6998-05-05** | | | | | |
| CATEGORY CODE 0010 | | | | | |
| 99+80 - 113+00 | LT & RT | 513 | 3,640 | 5,610 | 136 |
| PROJECT 6998-05-05 SUBTOTALS | | 513 | 3,640 | 5,610 | 136 |
| **PROJECT 6998-05-06** | | | | | |
| CATEGORY CODE 0010 | | | | | |
| 95+37 - 99+80 | LT & RT | 7 | 327 | -- | 5 |
| CATEGORY CODE 0010 SUBTOTALS | | 7 | 327 | -- | 5 |
| CATEGORY CODE 0020 | | | | | |
| 96+06 - 99+80 | LT & RT | -- | 278 | -- | 4 |
| CATEGORY CODE 0020 SUBTOTALS | | -- | 278 | -- | 4 |
| PROJECT 6998-05-06 SUBTOTALS | | 7 | 605 | -- | 9 |
| | **TOTALS** | **520** | **4,245** | **5,610** | **145** |

BASE AGGREGATE 3/4-INCH WEIGHT CALCULATIONS BASED ON 2.1 TONS/CY.
BASE AGGREGATE 1 1/4-INCH WEIGHT CALCULATIONS BASED ON 2.0 TONS/CY.
SELECT CRUSHED WEIGHT CALCULATIONS BASED ON 1.9 TONS/CY.

## CONCRETE PAVEMENT 8-INCH

| STATION - STATION | LOCATION | 415.0080 SY |
|---|---|---|
| **PROJECT 6998-05-05** | | |
| CATEGORY CODE 0010 | | |
| 100+00 - 113+00 | LT & RT | 6,740 |
| | **TOTAL** | **6,740** |

## DRIVEWAY ITEMS

| STATION | LOCATION | 416.0160 CONCRETE DRIVEWAY 6-INCH SY | 465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON |
|---|---|---|---|
| **PROJECT 6998-05-05** | | | |
| CATEGORY CODE 0010 | | | |
| 100+31 | RT | 10 | -- |
| 101+29 | LT | 20 | -- |
| 102+16 | LT | 10 | -- |
| 102+65 | LT | 21 | -- |
| 102+74 | RT | 11 | 2.0 |
| 103+34 | LT | 53 | -- |
| 104+02 | RT | 21 | -- |
| 104+40 | LT | 33 | 2.0 |
| 104+63 | RT | 11 | 2.0 |
| 105+49 | RT | 18 | 4.0 |
| 105+85 | LT | 16 | -- |
| 108+07 | RT | 25 | -- |
| 108+84 | RT | 21 | -- |
| 109+43 | RT | 29 | -- |
| 110+94 | RT | 13 | -- |
| 111+27 | LT | 11 | 4.0 |
| 111+67 | RT | 26 | -- |
| 112+64 | RT | 11 | 2.0 |
| PROJECT 6998-05-05 SUBTOTALS | | 360 | 16 |
| **PROJECT 6998-05-06** | | | |
| CATEGORY CODE 0010 | | | |
| 96+95 | RT | 2 | -- |
| CATEGORY CODE 0010 SUBTOTALS | | 2 | -- |
| CATEGORY CODE 0020 | | | |
| 96+95 | RT | 3 | -- |
| CATEGORY CODE 0020 SUBTOTALS | | 3 | -- |
| PROJECT 6998-05-06 SUBTOTALS | | 5 | -- |
| | **TOTALS** | **365** | **16.0** |

## DRILLED TIE BARS AND DRILLED DOWEL BARS

| STATION - STATION | LOCATION | 416.0610 DRILLED TIE BARS EACH | 416.0620 DRILLED DOWEL BARS EACH | COMMENTS |
|---|---|---|---|---|
| **PROJECT 6998-05-05** | | | | |
| CATEGORY CODE 0010 | | | | |
| 99+80 | LT & RT | 6 | -- | MADISON ST SOUTH LIMITS |
| 113+00 | LT & RT | 6 | 32 | MADISON ST NORTH LIMITS |
| 209+25 | LT & RT | 6 | -- | DOTY ST WEST LIMITS |
| 220+75 | LT & RT | 6 | -- | DOTY ST EAST LIMITS |
| 230+75 | LT & RT | 6 | -- | PARK AVE EAST LIMITS |
| 239+25 | LT & RT | 6 | -- | PARK AVE WEST LIMITS |
| PROJECT 6998-05-05 SUBTOTALS | | 36 | 32 | |
| **PROJECT 6998-05-06** | | | | |
| CATEGORY CODE 0010 | | | | |
| 95+61 - 95+75 | LT & RT | 12 | -- | C&G FOR LATERAL REPLACEMENT |
| 95+88 -95+98 | RT | 6 | -- | C&G FOR CURB RAMP REPLACEMENT |
| 96+42 -96+50 | RT | 6 | -- | C&G FOR CURB RAMP REPLACEMENT |
| 96+99 | RT | 3 | -- | C&G FOR LATERAL REPLACEMENT |
| 97+36 | LT | 3 | -- | C&G FOR LATERAL REPLACEMENT |
| 98+34 | LT | 3 | -- | C&G FOR LATERAL REPLACEMENT |
| 98+44 | RT | 3 | -- | C&G FOR LATERAL REPLACEMENT |
| CATEGORY CODE 0010 SUBTOTALS | | 36 | -- | |
| CATEGORY CODE 0020 | | | | |
| 96+90 | RT | 3 | -- | C&G FOR LATERAL REPLACEMENT |
| 97+26 | LT | 3 | -- | C&G FOR LATERAL REPLACEMENT |
| 98+24 | LT | 3 | -- | C&G FOR LATERAL REPLACEMENT |
| 98+34 | RT | 3 | -- | C&G FOR LATERAL REPLACEMENT |
| CATEGORY CODE 0020 SUBTOTALS | | 12 | -- | |
| PROJECT 6998-05-06 SUBTOTALS | | 48 | -- | |
| | **TOTALS** | **84** | **32** | |

## ASPHALTIC SURFACE ITEMS

| STATION - STATION | LOCATION | 455.0605 TACK COAT GAL | 465.0105 ASPHALTIC SURFACE TON |
|---|---|---|---|
| **PROJECT 6998-05-05** | | | |
| CATEGORY CODE 0010 | | | |
| 99+80 - 100+00 | LT & RT | 5 | 30 |
| 209+25 - 209+50 | LT & RT | 4 | 18 |
| 220+51 - 220+75 | LT & RT | 4 | 17 |
| 230+51 - 230+75 | LT & RT | 4 | 16 |
| 239+25 - 239+49 | LT & RT | 4 | 17 |
| PROJECT 6998-05-05 SUBTOTALS | | 21 | 98 |
| **PROJECT 6998-05-06** | | | |
| CATEGORY CODE 0010 | | | |
| 95+61 - 99+80 | LT & RT | 23 | 128 |
| CATEGORY CODE 0010 SUBTOTALS | | 23 | 128 |
| CATEGORY CODE 0020 | | | |
| 96+06 - 99+80 | LT & RT | 21 | 114 |
| CATEGORY CODE 0020 SUBTOTALS | | 21 | 114 |
| PROJECT 6998-05-06 SUBTOTALS | | 44 | 242 |
| | **TOTAL** | **65** | **340** |

TACK COAT CALCULATIONS BASED ON 0.050 GAL/SY ON PREVIOUSLY PLACED LOWER LAYERS

ASPHALTIC SURFACE WEIGHT CALCULATIONS BASED ON 112 LB/SY/IN.

## CONCRETE CURB AND GUTTER ITEMS

| STATION - STATION | LOCATION | 601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A LF | 601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF | 601.0600 CONCRETE CURB PEDESTRIAN LF | 650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF | SPV.0090.01 CONCRETE CURB PEDESTRIAN DECORATIVE LF | COMMENTS |
|---|---|---|---|---|---|---|---|
| **PROJECT 6998-05-05** | | | | | | | |
| CATEGORY CODE 0010 | | | | | | | |
| 99+80 - 100+44 | LT | 47 | 45 | 16 | 45 | -- | SOUTH LIMITS - DOTY ST (WEST) |
| 99+80 - 101+76 | RT | 184 | 44 | -- | 44 | -- | SOUTH LIMITS - DOTY ST (EAST) |
| 100+44 - 107+83 | LT | 749 | 49 | -- | 49 | -- | DOTY ST (WEST) - PARK AVE (WEST) |
| 101+76 - 106+69 | RT | 504 | 49 | 28 | 49 | 59 | DOTY ST (EAST) - PARK AVE (EAST) |
| 106+69 - 113+00 | RT | 526 | 24 | -- | 24 | -- | PARK AVE (EAST) - NORTH LIMITS |
| 107+83 - 113+00 | LT | 635 | 25 | -- | 25 | -- | PARK AVE (WEST) - NORTH LIMITS |
| PROJECT 6998-05-05 SUBTOTALS | | 2,645 | 236 | 44 | 236 | 59 | |
| **PROJECT 6998-05-06** | | | | | | | |
| CATEGORY CODE 0010 | | | | | | | |
| 95+61 - 95+67 | LT | -- | 6 | -- | -- | -- | LATERAL REPLACEMENT |
| 95+68 - 95+75 | RT | -- | 7 | -- | -- | -- | LATERAL REPLACEMENT |
| 95+88 -95+98 | RT | -- | 15 | -- | -- | -- | CURB RAMP REPLACEMENT |
| 96+42 -96+50 | RT | -- | 13 | -- | -- | -- | CURB RAMP REPLACEMENT |
| 96+94 - 96+99 | RT | -- | 5 | -- | -- | -- | LATERAL REPLACEMENT |
| 97+31 -97+36 | LT | -- | 5 | -- | -- | -- | LATERAL REPLACEMENT |
| 98+29 - 98+34 | LT | -- | 5 | -- | -- | -- | LATERAL REPLACEMENT |
| 98+39 - 98+44 | RT | -- | 5 | -- | -- | -- | LATERAL REPLACEMENT |
| CATEGORY CODE 0010 SUBTOTALS | | -- | 61 | -- | -- | -- | |
| CATEGORY CODE 0020 | | | | | | | |
| 96+90 - 96+94 | RT | -- | 5 | -- | -- | -- | LATERAL REPLACEMENT |
| 97+26 -97+31 | LT | -- | 5 | -- | -- | -- | LATERAL REPLACEMENT |
| 98+24 - 98+29 | LT | -- | 5 | -- | -- | -- | LATERAL REPLACEMENT |
| 98+34 - 98+39 | RT | -- | 5 | -- | -- | -- | LATERAL REPLACEMENT |
| CATEGORY CODE 0020 SUBTOTALS | | -- | 20 | -- | -- | -- | |
| PROJECT 6998-05-06 SUBTOTALS | | -- | 81 | -- | -- | -- | |
| | **TOTALS** | **2,645** | **317** | **44** | **236** | **59** | |

## CONCRETE SIDEWALK ITEMS

| STATION - STATION | LOCATION | 602.0405 CONCRETE SIDEWALK 4-INCH SF | 602.0415 CONCRETE SIDEWALK 6-INCH SF | 602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF | 602.1500 CONCRETE STEPS SF | COMMENTS |
|---|---|---|---|---|---|---|
| **PROJECT 6998-05-05** | | | | | | |
| CATEGORY CODE 0010 | | | | | | |
| 99+80 - 100+44 | LT | 201 | 42 | 10 | -- | SOUTH LIMITS - DOTY ST (WEST) |
| 99+80 - 101+76 | RT | 789 | 200 | 30 | -- | SOUTH LIMITS - DOTY ST (EAST) |
| 100+44 - 107+83 | LT | 3,669 | 208 | 80 | 18 | DOTY ST (WEST) - PARK AVE (WEST) |
| 101+76 - 106+69 | RT | 2,701 | 340 | 40 | 20 | DOTY ST (EAST) - PARK AVE (EAST) |
| 106+69 - 113+00 | RT | 3,443 | 190 | 30 | 10 | PARK AVE (EAST) - NORTH LIMITS |
| 107+83 - 113+00 | LT | 2,646 | 45 | 10 | 10 | PARK AVE (WEST) - NORTH LIMITS |
| PROJECT 6998-05-05 SUBTOTALS | | 13,449 | 1,025 | 200 | 58 | |
| **PROJECT 6998-05-06** | | | | | | |
| CATEGORY CODE 0010 | | | | | | |
| 95+37 - 95+96 | RT | 261 | 42 | 10 | -- | HYDRANT & CURB RAMP REPLACEMENT |
| 96+44 - 96+54 | RT | -- | 43 | 10 | -- | CURB RAMP REPLACEMENT |
| PROJECT 6998-05-06 SUBTOTALS | | 261 | 85 | 20 | -- | |
| | **TOTALS** | **13,710** | **1,110** | **220** | **58** | |

3

3

## ROCK EXCAVATION ITEMS

| STATION - STATION | LOCATION | 608.0005 STORM SEWER ROCK EXCAVATION CY | SPV.0035.01 WATER MAIN ROCK EXCAVATION CY | SPV.0035.02 SANITARY SEWER ROCK EXCAVATION CY |
|---|---|---|---|---|
| **PROJECT 6998-05-05** | | | | |
| CATEGORY CODE 0010 | | | | |
| 99+95 - 108+12 | LT & RT | 130 | -- | -- |
| 109+90 - 112+90 | LT | 100 | -- | -- |
| PROJECT 6998-05-05 SUBTOTALS | | 230 | -- | -- |
| **PROJECT 6998-05-06** | | | | |
| CATEGORY CODE 0010 | | | | |
| 401+59 - 112+95 | RT | -- | 1,810 | -- |
| CATEGORY CODE 0010 SUBTOTALS | | -- | 1,810 | -- |
| CATEGORY CODE 0020 | | | | |
| 96+12 - 112+95 | LT & RT | -- | -- | 1,215 |
| CATEGORY CODE 0020 SUBTOTALS | | -- | -- | 1,215 |
| PROJECT 6998-05-06 SUBTOTALS | | -- | 1,810 | 1,215 |
| | **TOTALS** | **230** | **1,810** | **1,215** |

## PIPE UNDERDRAIN WRAPPED 6-INCH

| STRUCTURE # | STATION | LOCATION | 612.0406 LF |
|---|---|---|---|
| **PROJECT 6998-05-05** | | | |
| CATEGORY CODE 0010 | | | |
| 12.1 | 100+80 | LT | 25 |
| 12.2 | 100+80 | RT | 25 |
| 14.1 | 102+25 | LT | 25 |
| 14.2 | 102+25 | RT | 25 |
| 16.2 | 106+32 | RT | 50 |
| 15.2 | 107+10 | LT | 50 |
| 16.1 | 107+10 | RT | 50 |
| 18 | 108+12 | LT | 50 |
| 11.1 | 209+58 | RT | 25 |
| 11.2 | 209+58 | LT | 50 |
| 13.1 | 220+45 | RT | 50 |
| 13.2 | 220+45 | LT | 50 |
| 16.3 | 230+54 | LT | 25 |
| 16.4 | 230+54 | RT | 25 |
| 17.1 | 239+55 | RT | 25 |
| 17.2 | 239+55 | LT | 25 |
| | | **TOTAL** | **575** |

## RESTORATION ITEMS

| STATION - STATION | LOCATION | 625.0100 TOPSOIL SY | 628.2006 EROSION MAT URBAN CLASS I TYPE A SY | 629.0210 FERTILIZER TYPE B CWT | 630.0140 SEED MIX NO. 40 LB | 630.0500 SEED WATER MGAL | SPV.0180.01 PREPARING TOPSOIL FOR LAWN TYPE TURF SY |
|---|---|---|---|---|---|---|---|
| **PROJECT 6998-05-05** | | | | | | | |
| CATEGORY CODE 0010 | | | | | | | |
| 99+80 - 100+44 | LT | 59 | 59 | -- | 1.1 | 1.0 | 59 |
| 99+80 - 101+76 | RT | 169 | 169 | 0.1 | 3.1 | 3.0 | 169 |
| 100+44 - 107+83 | LT | 664 | 664 | 0.4 | 12.0 | 10.9 | 664 |
| 101+76 - 106+69 | RT | 416 | 416 | 0.3 | 7.5 | 7.1 | 416 |
| 106+69 - 113+00 | RT | 518 | 518 | 0.3 | 9.4 | 8.6 | 518 |
| 107+83 - 113+00 | LT | 479 | 479 | 0.3 | 8.7 | 8.1 | 479 |
| UNDISTRIBUTED | | 579 | 579 | 0.4 | 10.7 | 10.1 | 579 |
| PROJECT 6998-05-05 SUBTOTALS | | 2,884 | 2,884 | 1.8 | 52.5 | 48.8 | 2,884 |
| **PROJECT 6998-05-06** | | | | | | | |
| CATEGORY CODE 0010 | | | | | | | |
| 401+59 - 408+90 | LT & RT | 892 | 892 | 0.6 | 16.0 | 15.0 | 892 |
| 96+42 - 96+54 | RT | 3 | 3 | -- | 0.1 | -- | 3 |
| 96+94 - 96+99 | RT | 3 | 3 | -- | 0.1 | 0.1 | 3 |
| 97+31 -97+36 | LT | 9 | 9 | -- | 0.2 | 0.1 | 9 |
| 98+29 - 98+34 | LT | 8 | 8 | -- | 0.1 | 0.1 | 8 |
| 98+39 - 98+44 | RT | 4 | 4 | -- | 0.1 | 0.1 | 4 |
| UNDISTRIBUTED | | 232 | 232 | 0.2 | 4.3 | 4.3 | 232 |
| CATEGORY CODE 0010 SUBTOTALS | | 1,151 | 1,151 | 0.8 | 20.9 | 19.7 | 1,151 |
| CATEGORY CODE 0020 | | | | | | | |
| 96+90 - 96+94 | RT | 3 | 3 | -- | 0.1 | 0.1 | 3 |
| 97+26 -97+31 | LT | 9 | 9 | -- | 0.2 | 0.1 | 9 |
| 98+24 - 98+29 | LT | 8 | 8 | -- | 0.1 | 0.1 | 8 |
| 98+34 - 98+39 | RT | 8 | 8 | -- | 0.1 | 0.1 | 8 |
| UNDISTRIBUTED | | 7 | 7 | -- | 0.1 | 0.1 | 7 |
| CATEGORY CODE 0020 SUBTOTALS | | 35 | 35 | -- | 0.6 | 0.5 | 35 |
| PROJECT 6998-05-06 SUBTOTALS | | 1,186 | 1,186 | 0.8 | 21.5 | 20.2 | 1,186 |
| | **TOTALS** | **4,070** | **4,070** | **2.6** | **74** | **69** | **4,070** |

## EROSION CONTROL ITEMS

| STATION | LOCATION | 628.1504 SILT FENCE LF | 628.1520 SILT FENCE MAINTENANCE LF | 628.1905 MOBILIZATIONS EROSION CONTROL EACH | 628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH | 628.7005 INLET PROTECTION TYPE A EACH | 628.7010 INLET PROTECTION TYPE B EACH | 628.7015 INLET PROTECTION TYPE C EACH | 628.7020 INLET PROTECTION TYPE D EACH | 628.7560 TRACKING PADS EACH | 628.7570 ROCK BAGS EACH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **PROJECT 6998-05-05** | | | | | | | | | | | |
| CATEGORY CODE 0010 | | | | | | | | | | | |
| 99+80 - 113+00 | LT & RT | -- | -- | 10 | 6 | 1 | 1 | 23 | 7 | 2 | -- |
| UNDISTRIBUTED | | -- | -- | -- | -- | -- | -- | 6 | 2 | -- | -- |
| PROJECT 6998-05-05 SUBTOTALS | | -- | -- | 10 | 6 | 1 | 1 | 29 | 9 | 2 | -- |
| **PROJECT 6998-05-06** | | | | | | | | | | | |
| CATEGORY CODE 0010 | | | | | | | | | | | |
| 401+52 - 99+80 | LT & RT | 789 | 789 | 4 | 3 | -- | -- | 5 | -- | -- | 34 |
| UNDISTRIBUTED | | 196 | 196 | -- | -- | -- | -- | 1 | -- | -- | 11 |
| PROJECT 6998-05-06 SUBTOTALS | | 985 | 985 | 4 | 3 | -- | -- | 6 | -- | -- | 45 |
| | **TOTALS** | **985** | **985** | **14** | **9** | **1** | **1** | **35** | **9** | **2** | **45** |

## STORM SEWER STRUCTURES

| STRUCTURE | STATION | OFFSET* | LOCATION | 520.8000 CONCRETE COLLARS FOR PIPE EACH | 611.0535 MANHOLE COVERS TYPE J-SPECIAL EACH | 611.0624 INLET COVERS TYPE H EACH | 611.0639 INLET COVERS TYPE H-S EACH | 611.0642 INLET COVERS TYPE MS EACH | 611.1230 CATCH BASINS 2X3-FT EACH | 611.2004 MANHOLES 4-FT DIAMETER EACH | 611.2005 MANHOLES 5-FT DIAMETER EACH | 611.3901 INLETS MEDIAN 1 GRATE EACH | 650.4000 CONSTRUCTION STAKING STORM SEWER EACH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PROJECT 6998-05-05** | | | | | | | | | | | | | |
| CATEGORY CODE 0010 | | | | | | | | | | | | | |
| 10 | 99+95.00 | 13.47' LT | MADISON | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11 | 100+27.33 | 13.05' LT | MADISON | -- | 1 | -- | -- | -- | -- | -- | 1 | -- | 1 |
| 11.1 | 209+58.11 | 14.50' RT | DOTY WEST | -- | -- | 1 | -- | -- | 1 | -- | -- | -- | 1 |
| 11.2 | 209+58.11 | 14.50' LT | DOTY WEST | -- | -- | -- | 1 | -- | 1 | -- | -- | -- | 1 |
| 11.3 | 209+48.11 | 14.50' LT | DOTY WEST | -- | -- | 1 | -- | -- | 1 | -- | -- | -- | 1 |
| 12 | 100+80.00 | 13.00' LT | MADISON | -- | 1 | -- | -- | -- | -- | 1 | -- | -- | 1 |
| 12.1 | 100+80.00 | 23.50' LT | MADISON | -- | -- | 1 | -- | -- | 1 | -- | -- | -- | 1 |
| 12.2 | 100+80.00 | 23.50' RT | MADISON | -- | -- | 1 | -- | -- | 1 | -- | -- | -- | 1 |
| 13 | 101+63.54 | 13.00' LT | MADISON | -- | 1 | -- | -- | -- | -- | 1 | -- | -- | 1 |
| 13.1 | 220+45.17 | 14.44' RT | DOTY EAST | -- | -- | -- | 1 | -- | 1 | -- | -- | -- | 1 |
| 13.2 | 220+45.17 | 14.56' LT | DOTY EAST | -- | -- | -- | 1 | -- | 1 | -- | -- | -- | 1 |
| 14 | 102+25.00 | 13.00' LT | MADISON | -- | 1 | -- | -- | -- | -- | 1 | -- | -- | 1 |
| 14.1 | 102+25.00 | 23.50' LT | MADISON | -- | -- | 1 | -- | -- | 1 | -- | -- | -- | 1 |
| 14.2 | 102+25.00 | 23.50' RT | MADISON | -- | -- | 1 | -- | -- | 1 | -- | -- | -- | 1 |
| 15 | 106+84.24 | 13.00' LT | MADISON | -- | 1 | -- | -- | -- | -- | 1 | -- | -- | 1 |
| 15.1 | 106+84.24 | 23.50' LT | MADISON | -- | -- | 1 | -- | -- | 1 | -- | -- | -- | 1 |
| 15.2 | 107+10.00 | 23.50' LT | MADISON | -- | -- | -- | 1 | -- | 1 | -- | -- | -- | 1 |
| 16 | 106+84.24 | 23.50' RT | MADISON | -- | 1 | -- | -- | -- | -- | 1 | -- | -- | 1 |
| 16.1 | 107+10.00 | 23.50' RT | MADISON | -- | -- | -- | 1 | -- | 1 | -- | -- | -- | 1 |
| 16.2 | 106+32.00 | 23.50' RT | MADISON | -- | -- | -- | 1 | -- | 1 | -- | -- | -- | 1 |
| 16.3 | 230+56.50 | 13.50' LT | PARK EAST | -- | -- | 1 | -- | -- | 1 | -- | -- | -- | 1 |
| 16.4 | 230+56.50 | 13.50' RT | PARK EAST | -- | -- | 1 | -- | -- | 1 | -- | -- | -- | 1 |
| 17 | 107+65.57 | 13.00' LT | MADISON | -- | 1 | -- | -- | -- | -- | 1 | -- | -- | 1 |
| 17.1 | 239+54.61 | 14.50' RT | PARK WEST | -- | -- | 1 | -- | -- | 1 | -- | -- | -- | 1 |
| 17.2 | 239+54.61 | 14.50' LT | PARK WEST | -- | -- | 1 | -- | -- | 1 | -- | -- | -- | 1 |
| 18 | 108+11.80 | 23.50' LT | MADISON | -- | -- | -- | 1 | -- | 1 | -- | -- | -- | 1 |
| 20 | 110+90.00 | 37.00' LT | MADISON | -- | -- | -- | -- | 1 | -- | -- | -- | 1 | 1 |
| 21 | 111+11.00 | 16.00' LT | MADISON | -- | 1 | -- | -- | -- | -- | 1 | -- | -- | 1 |
| 22 | 112+95.00 | 16.00' LT | MADISON | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | | **TOTALS** | **2** | **8** | **11** | **7** | **1** | **18** | **7** | **1** | **1** | **27** |

REMARKS

* STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE

## STORM SEWER PIPES

| FROM - TO | LOCATION | 608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF | 608.0415 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF | 608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF | 608.3612 STORM SEWER PIPE CLASS III-B 12-INCH LF | 608.3615 STORM SEWER PIPE CLASS III-B 15-INCH LF | 608.3618 STORM SEWER PIPE CLASS III-B 18-INCH LF | 608.3621 STORM SEWER PIPE CLASS III-B 21-INCH LF |
|---|---|---|---|---|---|---|---|---|
| **PROJECT 6998-05-05** | | | | | | | | |
| CATEGORY CODE 0010 | | | | | | | | |
| 11 - 10 | MADISON | -- | -- | -- | -- | -- | -- | 32 |
| 11.1 - 11 | MADISON | -- | -- | -- | -- | 28 | -- | -- |
| 11.2 - 11.1 | MADISON | -- | -- | -- | -- | 29 | -- | -- |
| 11.3 - 11.2 | MADISON | -- | -- | -- | 10 | -- | -- | -- |
| 12 - 11 | MADISON | -- | -- | -- | -- | -- | 53 | -- |
| 12.1 - 12 | MADISON | -- | -- | -- | 11 | -- | -- | -- |
| 12.2 - 12 | MADISON | -- | -- | -- | 37 | -- | -- | -- |
| 13 - 12 | MADISON | -- | -- | -- | -- | -- | 84 | -- |
| 13.1 - 13 | MADISON | -- | -- | -- | -- | 59 | -- | -- |
| 13.2 - 13.1 | MADISON | 29 | -- | -- | -- | -- | -- | -- |
| 14 - 13 | MADISON | -- | -- | -- | -- | -- | 61 | -- |
| 14.1 - 14 | MADISON | 11 | -- | -- | -- | -- | -- | -- |
| 14.2 - 14 | MADISON | 37 | -- | -- | -- | -- | -- | -- |
| 15 - 14 | MADISON | -- | -- | 459 | -- | -- | -- | -- |
| 15.1 - 15 | MADISON | -- | 11 | -- | -- | -- | -- | -- |
| 15.2 - 15.1 | MADISON | 26 | -- | -- | -- | -- | -- | -- |
| 16 - 15 | MADISON | -- | 36 | -- | -- | -- | -- | -- |
| 16.1 - 16 | MADISON | 26 | -- | -- | -- | -- | -- | -- |
| 16.2 - 16 | MADISON | 52 | -- | -- | -- | -- | -- | -- |
| 16.3 - 16 | MADISON | -- | 32 | -- | -- | -- | -- | -- |
| 16.4 - 16.3 | MADISON | 27 | -- | -- | -- | -- | -- | -- |
| 17 - 15 | MADISON | -- | 81 | -- | -- | -- | -- | -- |
| 17.1 - 17 | MADISON | -- | 31 | -- | -- | -- | -- | -- |
| 17.2 - 17.1 | MADISON | 29 | -- | -- | -- | -- | -- | -- |
| 18 - 17 | MADISON | 47 | -- | -- | -- | -- | -- | -- |
| 20 - 21 | MADISON | -- | 30 | -- | -- | -- | -- | -- |
| 21 - 22 | MADISON | -- | 184 | -- | -- | -- | -- | -- |
| | **TOTALS** | **284** | **405** | **459** | **58** | **116** | **198** | **32** |

## SIGNING ITEMS

| SIGN NUMBER | EXISTING STATION | EXISTING LOCATION | PROPOSED STATION | PROPOSED LOCATION | ROADWAY | SIGN CODE | SIZE | SPV.0060.01 U-CHANNEL SIGN POST 14-FT EACH | SPV.0060.02 U-CHANNEL SIGN POST 16-FT EACH | 637.2210 SIGNS TYPE II REFLECTIVE H SF | 637.2230 SIGNS TYPE II REFLECTIVE F SF | 638.2102 MOVING SIGNS TYPE II EACH | 638.2602 REMOVING SIGNS TYPE II EACH | 638.3000 REMOVING SMALL SIGN SUPPORTS EACH | 638.4000 MOVING SMALL SIGN SUPPORTS EACH | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PROJECT 6998-05-05** | | | | | | | | | | | | | | | | |
| CATEGORY CODE 0010 | | | | | | | | | | | | | | | | |
| 101 | 111+31 | RT | 98+05 | RT | MADISON ST | -- | --- | -- | -- | -- | -- | 1 | -- | -- | 1 | -- |
| 102 | 99+98 | LT | 100+00 | LT | MADISON ST | R2-1 | 24X30 | 1 | -- | 5.00 | -- | -- | 1 | 1 | -- | -- |
| 103 | 209+58 | RT | 209+59 | RT | DOTY ST (WEST) | R1-1 | 30X30 | 1 | -- | 5.18 | -- | -- | 1 | 1 | -- | -- |
| 104 | 209+51 | LT | 209+50 | RT | DOTY ST (WEST) | -- | --- | 1 | -- | -- | -- | 1 | -- | 1 | -- | -- |
| 105 | 113+82 | LT | 100+95 | LT | MADISON ST | -- | --- | -- | -- | -- | -- | 1 | -- | -- | 1 | -- |
| 106 | 220+32 | RT | 220+44 | RT | DOTY ST (EAST) | R5-2 | 24X24 | 1 | -- | 4.00 | -- | -- | 1 | -- | -- | -- |
| 107 | 220+36 | LT | 220+44 | LT | DOTY ST (EAST) | R1-1 | 30X30 | 1 | -- | 5.18 | -- | -- | 1 | 1 | -- | -- |
| 201 | 230+43 | LT | 230+54 | LT | PARK AVE (EAST) | R1-1 | 30X30 | 1 | -- | 5.18 | -- | -- | 1 | 1 | -- | -- |
| 202 | -- | -- | 107+10 | LT | MADISON ST | R3-17 | 30X24 | 1 | -- | 5.00 | -- | -- | -- | -- | -- | -- |
| 203A | 107+28 | RT | 107+25 | RT | MADISON ST | R2-1 | 24X30 | -- | 1 | 5.00 | -- | -- | 1 | -- | -- | -- |
| 203B | " | " | " | " | " | R3-17 | 30X24 | -- | -- | 5.00 | -- | -- | -- | -- | -- | -- |
| 204 | 239+64 | RT | 239+56 | LT | PARK AVE (WEST) | R1-1 | 30X30 | 1 | -- | 5.18 | -- | -- | 1 | 1 | -- | -- |
| 205 | 239+64 | RT | 239+56 | RT | PARK AVE (WEST) | R12-1 | 24X30 | 1 | -- | 5.00 | -- | -- | -- | -- | -- | EXISTING SIGN REMOVED WITH #204 |
| 206 | 108+27 | LT | 108+30 | LT | MADISON ST | R7-51L | 18X24 | 1 | -- | 3.00 | -- | -- | 1 | 1 | -- | -- |
| 301 | 109+07 | LT | 109+30 | LT | MADISON ST | R2-1 | 24X30 | 1 | -- | 5.00 | -- | -- | 1 | 1 | -- | -- |
| 302 | 111+31 | RT | 111+30 | RT | MADISON ST | R7-108 | 18X24 | 1 | -- | 3.00 | -- | -- | 1 | 1 | -- | -- |
| 303A | 112+14 | RT | 111+90 | RT | MADISON ST | S1-1 | 36X36 | -- | 1 | -- | 6.75 | -- | 1 | 1 | -- | -- |
| 303B | " | " | " | " | " | S16-9P | 30X18 | -- | -- | -- | 3.75 | -- | -- | -- | -- | -- |
| 303C | " | " | " | " | " | R2-6P | 24X18 | -- | -- | 3.00 | -- | -- | -- | -- | -- | -- |
| 304 | 112+15 | LT | 112+15 | LT | MADISON ST | R7-51R | 18X24 | 1 | -- | 3.00 | -- | -- | 1 | 1 | -- | -- |
| 305 | 112+33 | RT | 112+35 | RT | MADISON ST | -- | --- | 1 | -- | -- | -- | 1 | -- | 1 | -- | -- |
| 306 | 112+75 | RT | 112+75 | RT | MADISON ST | R7-108 | 18X24 | 1 | -- | 3.00 | -- | -- | 1 | 1 | -- | -- |
| 307 | -- | -- | 112+85 | LT | MADISON ST | R3-17 | 30X24 | 1 | -- | 5.00 | -- | -- | -- | -- | -- | -- |
| 308 | 112+95 | RT | 112+95 | RT | MADISON ST | -- | --- | 1 | -- | -- | -- | 1 | -- | 1 | -- | -- |
| 309 | -- | -- | 113+95 | RT | MADISON ST | R3-17 | 30X24 | 1 | -- | 5.00 | -- | -- | -- | -- | -- | -- |
| 310A | -- | -- | 114+83 | LT | MADISON ST | S16-9P | 30X18 | -- | -- | -- | 3.75 | -- | -- | -- | -- | MOUNT BELOW EXISTING S1-1 SIGN |
| 310B | -- | -- | " | " | " | R2-6P | 24X18 | -- | -- | 3.00 | -- | -- | -- | -- | -- | -- |
| | | | | | | **TOTALS** | | **18** | **2** | **82.72** | **14.25** | **5** | **13** | **14** | **2** | |

## TRAFFIC CONTROL ITEMS

| | NUMBER OF DAYS IN SERVICE | 643.0410 TRAFFIC CONTROL BARRICADES TYPE II NO. REQ'D | 643.0410 TRAFFIC CONTROL BARRICADES TYPE II TOTAL DAY | 643.0420 TRAFFIC CONTROL BARRICADES TYPE III NO. REQ'D | 643.0420 TRAFFIC CONTROL BARRICADES TYPE III TOTAL DAY | 643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A NO. REQ'D | 643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A TOTAL DAY | 643.0900 TRAFFIC CONTROL SIGNS NO. REQ'D | 643.0900 TRAFFIC CONTROL SIGNS TOTAL DAY | 643.5000 TRAFFIC CONTROL EACH |
|---|---|---|---|---|---|---|---|---|---|---|
| **PROJECT 6998-05-05** | | | | | | | | | | |
| CATEGORY CODE 0010 | | | | | | | | | | |
| PROJECT 6998-05-05 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 |
| MADISON ST @ INDUSTRIAL AVE | 180 | -- | -- | *1* | 180 | *2* | 360 | *1* | 180 | -- |
| SOUTH PROJECT LIMITS | 180 | -- | -- | *2* | 360 | *4* | 720 | *4* | 720 | -- |
| NORTH PROJECT LIMITS | 180 | -- | -- | *2* | 360 | *4* | 720 | *4* | 720 | -- |
| MADISON ST @ STH 49 (MAIN ST) | 180 | -- | -- | *1* | 180 | *2* | 360 | *1* | 180 | -- |
| LIBBY STREET | 180 | -- | -- | *2* | 360 | *4* | 720 | *3* | 540 | -- |
| DOTY ST (WEST) | 180 | -- | -- | *2* | 360 | *4* | 720 | *2* | 360 | -- |
| DOTY ST (EAST) | 180 | -- | -- | *2* | 360 | *4* | 720 | *2* | 360 | -- |
| PARK AVE (EAST) | 180 | -- | -- | *2* | 360 | *4* | 720 | *2* | 360 | -- |
| PARK AVE (WEST) | 180 | -- | -- | *2* | 360 | *4* | 720 | *2* | 360 | -- |
| PEDESTRIAN ACCOMMODATIONS | 72 | *17* | 1,224 | *12* | 864 | *29* | 2,088 | *23* | 1,656 | -- |
| | **TOTALS** | | **1,224** | | **3,744** | | **7,848** | | **5,436** | **1** |

## TEMPORARY PEDESTRIAN ACCOMMODATION ITEMS

| LOCATION | 644.1430 TEMPORARY PEDESTRIAN SURFACE PLATE SF | 644.1601 TEMPORARY CURB RAMP DAY | 649.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH LF |
|---|---|---|---|
| **PROJECT 6998-05-05** | | | |
| CATEGORY CODE 0010 | | | |
| MADISON ST @ DOTY ST | 250.0 | 144.0 | 88.0 |
| MADISON ST @ PARK AVE | 250.0 | 144.0 | 88.0 |
| DOTY STREET (EAST) | 45.0 | 144.0 | 52.0 |
| PARK AVE (EAST) | 20.0 | 144.0 | 48.0 |
| PARK AVE (WEST) | 68.0 | 144.0 | 52.0 |
| **TOTALS** | **633.0** | **720.0** | **328.0** |

3

## GEOGRID TYPE SR

| STATION | LOCATION | 645.0220 SY |
|---|---|---|
| **PROJECT 6998-05-05** | | |
| CATEGORY CODE 0010 | | |
| 99+80 - 113+00 | LT & RT | 8,055 |
| | **TOTAL** | **8,055** |

## STORM SEWER LATERAL PVC 6-INCH

| LOCATION | HOUSE NUMBER | SPV.0090.02 LF |
|---|---|---|
| **PROJECT 6998-05-05** | | |
| CATEGORY CODE 0010 | | |
| RT | 639 | 72 |
| | **TOTAL** | **72** |

## PAVEMENT MARKING ITEMS

| STATION - STATION | LOCATION | 646.1020 MARKING LINE EPOXY 4-INCH WHITE LF | 646.1020 MARKING LINE EPOXY 4-INCH YELLOW LF | 646.5020 MARKING ARROW EPOXY WHITE EACH | 646.5220 MARKING SYMBOL EPOXY WHITE EACH | 646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH WHITE LF | 646.8120 MARKING CURB EPOXY YELLOW LF |
|---|---|---|---|---|---|---|---|
| **PROJECT 6998-05-05** | | | | | | | |
| CATEGORY CODE 0010 | | | | | | | |
| 99+80 - 113+00 | LT & RT | 4,508.0 | 300.0 | 12 | 12 | 748 | 660 |
| PROJECT 6998-05-05 SUBTOTALS | | 4,508.0 | 300.0 | 12 | 12 | 748 | 660 |
| **PROJECT 6998-05-06** | | | | | | | |
| CATEGORY CODE 0010 | | | | | | | |
| 95+63 - 99+80 | LT & RT | 12.0 | 75.0 | -- | -- | 98 | -- |
| CATEGORY CODE 0010 SUBTOTALS | | 12.0 | 75.0 | -- | -- | 98 | -- |
| CATEGORY CODE 0020 | | | | | | | |
| 96+06 - 99+80 | LT & RT | -- | 50.0 | -- | -- | -- | -- |
| CATEGORY CODE 0020 SUBTOTALS | | -- | 50.0 | -- | -- | -- | -- |
| PROJECT 6998-05-06 SUBTOTALS | | 12.0 | 125.0 | -- | -- | 98 | -- |
| | | 4,520.0 | 425.0 | | | | |
| **TOTALS** | | **4,945** | | **12** | **12** | **846** | **660** |

## CONSTRUCTION STAKING ITEMS

| STATION - STATION | LOCATION | 650.4500 CONSTRUCTION STAKING SUBGRADE LF | 650.5000 CONSTRUCTION STAKING BASE LF | 650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT LF | 650.9000 CONSTRUCTION STAKING CURB RAMPS EACH | 650.9910 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL LS | 650.9920 CONSTRUCTION STAKING SLOPE STAKES LF |
|---|---|---|---|---|---|---|---|
| **PROJECT 6998-05-05** | | | | | | | |
| CATEGORY CODE 0010 | | | | | | | |
| PROJECT 6998-05-05 | | -- | -- | -- | 20 | 1 | -- |
| 99+80 - 113+00 | LT & RT | 1,320 | 20 | 1,300 | -- | -- | 1,320 |
| 209+25 - 210+00 | LT & RT | 75 | 25 | 50 | -- | -- | 75 |
| 220+00 - 220+75 | LT & RT | 75 | 24 | 51 | -- | -- | 75 |
| 230+00 - 230+75 | LT & RT | 75 | 24 | 51 | -- | -- | 75 |
| 239+25 - 240+00 | LT & RT | 75 | 24 | 51 | -- | -- | 75 |
| PROJECT 6998-05-05 SUBTOTALS | | 1,620 | 117 | 1,503 | 20 | 1 | 1,620 |
| **PROJECT 6998-05-06** | | | | | | | |
| CATEGORY CODE 0010 | | | | | | | |
| PROJECT 6998-05-06 | | -- | -- | -- | 2 | -- | -- |
| PROJECT 6998-05-06 SUBTOTALS | | -- | -- | -- | 2 | -- | -- |
| **TOTALS** | | **1,620** | **117** | **1,503** | **22** | **1** | **1,620** |

STAKING ITEMS FOR STORM SEWER AND CURB & GUTTER SHOWN ELSEWHERE

## SAWING PAVEMENT ITEMS

| STATION - STATION | LOCATION | 690.0150 ASPHALT LF | 690.0250 CONCRETE LF | COMMENTS |
|---|---|---|---|---|
| **PROJECT 6998-05-05** | | | | |
| CATEGORY CODE 0010 | | | | |
| 99+80 | LT & RT | -- | 32.9 | SOUTH LIMITS |
| 99+84 | LT | -- | 3.7 | SIDEWALK |
| 100+52 | RT | -- | 3.8 | SIDEWALK |
| 101+22 | RT | -- | 4.0 | SIDEWALK |
| 101+29 | LT | -- | 7.9 | DRIVEWAY |
| 101+55 | LT | -- | 3.9 | SIDEWALK |
| 101+97 | LT | -- | 3.9 | SIDEWALK |
| 102+21 | RT | -- | 4.0 | SIDEWALK |
| 102+46 | LT | -- | 3.8 | SIDEWALK |
| 102+65 | LT | -- | 10.1 | DRIVEWAY |
| 102+74 | RT | 11.0 | -- | DRIVEWAY |
| 103+11 | LT | -- | 2.9 | SIDEWALK |
| 103+16 | RT | -- | 3.7 | SIDEWALK |
| 103+34 | LT | -- | 26.3 | DRIVEWAY |
| 103+70 | LT | -- | 1.7 | SIDEWALK |
| 103+79 | RT | -- | 4.4 | SIDEWALK |
| 104+02 | RT | -- | 10.0 | DRIVEWAY |
| 104+22 | LT | -- | 3.8 | SIDEWALK |
| 104+35 | LT | -- | 11.3 | DRIVEWAY |
| 104+39 | RT | -- | 5.3 | SIDEWALK |
| 104+46 | LT | 11.4 | -- | DRIVEWAY |
| 104+63 | RT | 11.7 | -- | DRIVEWAY |
| 104+85 | LT | -- | 4.0 | SIDEWALK |
| 105+10 | RT | -- | 3.8 | SIDEWALK |
| 105+49 | RT | 19.2 | -- | DRIVEWAY |
| 105+51 | LT | -- | 4.0 | SIDEWALK |
| 105+75 | RT | -- | 4.6 | SIDEWALK |
| 106+22 | RT | -- | 3.9 | SIDEWALK |
| 107+16 | LT | -- | 4.3 | SIDEWALK |
| 107+47 | RT | -- | 3.9 | SIDEWALK |
| 107+90 | RT | -- | 4.9 | SIDEWALK |
| 108+07 | RT | -- | 12.1 | DRIVEWAY |
| 108+66 | RT | -- | 4.0 | SIDEWALK |
| 108+84 | RT | -- | 10.1 | DRIVEWAY |
| 109+17 | RT | -- | 3.4 | SIDEWALK |
| 109+43 | RT | -- | 14.3 | DRIVEWAY |
| 109+78 | RT | -- | 5.9 | SIDEWALK |
| 110+63 | RT | -- | 6.0 | SIDEWALK |
| 111+23 | RT | -- | 3.8 | SIDEWALK |
| 111+25 | LT | 13.7 | -- | DRIVEWAY |
| 111+58 | LT | -- | 4.8 | SIDEWALK |
| 111+69 | RT | -- | 15.1 | DRIVEWAY |
| 111+89 | RT | -- | 3.6 | SIDEWALK |
| 112+42 | RT | -- | 3.8 | SIDEWALK |
| 112+49 | LT | -- | 5.0 | SIDEWALK |
| 112+64 | RT | 11.5 | -- | DRIVEWAY |
| 112+95 - 113+00 | LT & RT | -- | 59.0 | NORTH LIMITS |
| 209+75 | LT & RT | 26.4 | 8.9 | DOTY ST WEST LIMITS |
| 210+75 | LT & RT | 26.3 | 8.8 | DOTY ST EAST LIMITS |
| 310+25 | LT & RT | 24.4 | 12.8 | PARK AVE EAST LIMITS |
| 319+25 | LT & RT | 26.4 | 12.8 | PARK AVE WEST LIMITS |
| PROJECT 6998-05-05 SUBTOTALS | | 182.0 | 375.0 | |
| **PROJECT 6998-05-06** | | | | |
| CATEGORY CODE 0010 | | | | |
| 95+37 - 99+80 | LT & RT | -- | 606.0 | -- |
| CATEGORY CODE 0010 SUBTOTALS | | -- | 606.0 | |
| CATEGORY CODE 0020 | | | | |
| 96+06 - 99+80 | LT & RT | -- | 452.0 | -- |
| CATEGORY CODE 0020 SUBTOTALS | | -- | 452.0 | |
| PROJECT 6998-05-06 SUBTOTALS | | -- | 1,058.0 | |
| **TOTALS** | | **182** | **1,433** | |

## WATER MAIN ITEMS

| STATION - STATION | LOCATION | SPV.0060.03 CONNECT TO EXISTING WATER MAIN EACH | SPV.0060.04 WATER GATE VALVE 6-INCH EACH | SPV.0060.05 WATER GATE VALVE 8-INCH EACH | SPV.0060.06 WATER GATE VALVE 10-INCH EACH | SPV.0060.07 WATER TEE 8X6-INCH EACH | SPV.0060.08 WATER TEE 10X6-INCH EACH | SPV.0060.09 WATER TEE 10X8-INCH EACH | SPV.0060.10 WATER TEE 10X10-INCH EACH | SPV.0090.03 WATER MAIN PVC 6-INCH LF | SPV.0090.04 WATER MAIN PVC 8-INCH LF | SPV.0090.05 WATER MAIN PVC 10-INCH LF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PROJECT 6998-05-06** | | | | | | | | | | | | |
| CATEGORY CODE 0010 | | | | | | | | | | | | |
| 401+52 - 112+95 | LT & RT | 8 | 4 | 5 | 8 | 1 | 4 | 4 | 1 | 95 | 668 | 1,948 |
| | **TOTALS** | **8** | **4** | **5** | **8** | **1** | **4** | **4** | **1** | **95** | **668** | **1,948** |

## WATER MAIN ITEMS

| STATION - STATION | LOCATION | SPV.0060.11 WATER 11.25 DEG BEND 6-INCH EACH | SPV.0060.12 WATER 22.5 DEG BEND 6-INCH EACH | SPV.0060.13 WATER 22.5 DEG BEND 10-INCH EACH | SPV.0060.14 WATER 45 DEG BEND 6-INCH EACH | SPV.0060.15 WATER 45 DEG BEND 8-INCH EACH | SPV.0060.16 WATER 45 DEG BEND 10-INCH EACH | SPV.0060.17 WATER REDUCER 8X6-INCH EACH | SPV.0060.18 WATER REDUCER 10X8-INCH EACH | SPV.0060.19 WATER HYDRANT EACH | SPV.0060.20 REMOVING HYDRANT EACH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **PROJECT 6998-05-06** | | | | | | | | | | | |
| CATEGORY CODE 0010 | | | | | | | | | | | |
| 401+52 - 112+95 | LT & RT | 3 | 2 | 3 | 2 | 12 | 2 | 1 | 1 | 4 | 3 |
| | **TOTAL** | **3** | **2** | **3** | **2** | **12** | **2** | **1** | **1** | **4** | **3** |

## SANITARY SEWER PIPES

| FROM | - | TO | LOCATION | SPV.0090.07 SANITARY SEWER PVC 8-INCH LF |
|---|---|---|---|---|
| **PROJECT 6998-05-06** | | | | |
| CATEGORY CODE 0020 | | | | |
| 698 | - | 697 | MADISON | 240 |
| 699 | - | 698 | MADISON | 194 |
| 699.1 | - | 699 | MADISON | 55 |
| 699.2 | - | 699.1 | MADISON | 10 |
| 699.3 | - | 699.1 | MADISON | 4 |
| 700 | - | 699 | MADISON | 356 |
| 701 | - | 700 | MADISON | 269 |
| 701 | - | 702 | MADISON | 111 |
| 701.1 | - | 701 | MADISON | 10 |
| 702 | - | 703 | MADISON | 270 |
| 702.1 | - | 702 | MADISON | 55 |
| 702.2 | - | 702.1 | MADISON | 10 |
| 702.3 | - | 702.1 | MADISON | 4 |
| 703 | - | 704 | MADISON | 249 |
| | | **TOTALS** | | **1837** |

## SANITARY SEWER STRUCTURES

| STRUCTURE | STATION | OFFSET* | LOCATION | SPV.0060.22 CONNECT TO EXISTING SANITARY SEWER MANHOLE EACH | SPV.0060.23 CONNECT TO EXISTING SANITARY SEWER PIPE EACH | SPV.0060.24 SANITARY SWER MANHOLES 4-FT DIAMETER WITH CASTING EACH | SPV.0060.25 SANITARY SEWER OUTSIDE DROP MANHOLES 4-FT DIAMETER WITH CASTING EACH |
|---|---|---|---|---|---|---|---|
| **PROJECT 6998-05-06** | | | | | | | |
| CATEGORY CODE 0020 | | | | | | | |
| 697 | 96+11.60 | 9.44' RT | MADISON | 1 | -- | -- | -- |
| 698 | 98+50.00 | 0.00' RT | MADISON | -- | -- | 1 | -- |
| 699 | 100+43.84 | 0.00' RT | MADISON | -- | -- | 1 | -- |
| 699.1 | 100+41.24 | 54.94' LT | MADISON | -- | -- | -- | 1 |
| 699.2 | 100+40.67 | 64.92' LT | MADISON | -- | 1 | -- | -- |
| 700 | 104+00.00 | 0.00' RT | MADISON | -- | -- | 1 | -- |
| 701 | 106+69.28 | 0.00' RT | MADISON | -- | -- | 1 | -- |
| 701.1 | 106+69.79 | 10.00' RT | MADISON | -- | 1 | -- | -- |
| 702 | 107+79.80 | 0.00' RT | MADISON | -- | -- | 1 | -- |
| 702.1 | 107+76.25 | 54.71' LT | MADISON | -- | -- | -- | 1 |
| 702.2 | 107+75.60 | 64.69' LT | MADISON | -- | 1 | -- | -- |
| 703 | 110+50.00 | 0.00' RT | MADISON | -- | -- | 1 | -- |
| 704 | 112+98.50 | 0.00' RT | MADISON | -- | 1 | -- | -- |
| | | | **TOTALS** | **1** | **4** | **6** | **2** |

REMARKS
* STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE

## WATER LATERAL ITEMS

| LOCATION | HOUSE NUMBER | SPV.0060.21 WATER SERVICE CORP STOP BOX SADDLE AND UNION 1 1/4-INCH EACH | SPV.0060.27 WATER SERVICE CORP STOP BOX SADDLE AND UNION 2-INCH EACH | SPV.0090.06 WATER SERVICE PE 1 1/4-INCH LF | SPV.0090.09 WATER SERVICE PE 2-INCH LF |
|---|---|---|---|---|---|
| **PROJECT 6998-05-06** | | | | | |
| CATEGORY CODE 0010 | | | | | |
| LT | 712 | 1 | -- | 79 | -- |
| RT | 735 | 1 | -- | 25 | -- |
| LT | 734 | 1 | -- | 43 | -- |
| LT | 710 | 1 | -- | 41 | -- |
| RT | 715 | 1 | -- | 25 | -- |
| RT | 701 | 1 | -- | 23 | -- |
| LT | 642 | 1 | -- | 54 | -- |
| RT | 641 | 1 | -- | 23 | -- |
| LT | 640 | 1 | -- | 54 | -- |
| LT | 638 | 1 | -- | 54 | -- |
| RT | 639 | 1 | -- | 22 | -- |
| LT | 636 | 1 | -- | 54 | -- |
| RT | 635 | 1 | -- | 22 | -- |
| LT | 632 | 1 | -- | 54 | -- |
| RT | 633 | 1 | -- | 22 | -- |
| LT | 630 | 1 | -- | 54 | -- |
| LT | 628 | 1 | -- | 54 | -- |
| RT | 631 | 1 | -- | 22 | -- |
| RT | 625 | 1 | -- | 22 | -- |
| LT | 624 | 1 | -- | 54 | -- |
| LT | 612 | 1 | -- | 54 | -- |
| RT | 609 | 1 | -- | 22 | -- |
| RT | 605 | 1 | -- | 22 | -- |
| LT | 608 | 1 | -- | 54 | -- |
| RT | 559 | 1 | -- | 22 | -- |
| LT | 602 | 1 | -- | 54 | -- |
| RT | 555 | 1 | -- | 22 | -- |
| RT | 543 | 1 | -- | 22 | -- |
| RT | 523 | 1 | -- | 22 | -- |
| RT | 524 | -- | 1 | -- | 22 |
| RT | 519 | 1 | -- | 22 | -- |
| LT | 514 | 1 | -- | 54 | -- |
| RT | 517 | 1 | -- | 22 | -- |
| LT | 500 | 1 | -- | 54 | -- |
| RT | 507 | 1 | -- | 22 | -- |
| | **TOTALS** | **34** | **1** | **1,269** | **22** |

## SANITARY SEWER LATERAL PVC 6-INCH

| LOCATION | HOUSE NUMBER | SPV.0090.08 LF |
|---|---|---|
| **PROJECT 6998-05-06** | | |
| CATEGORY CODE 0020 | | |
| RT | 735 | 34 |
| LT | 734 | 35 |
| LT | 710 | 33 |
| RT | 715 | 34 |
| RT | 701 | 38 |
| LT | 642 | 38 |
| RT | 641 | 38 |
| LT | 640 | 38 |
| LT | 638 | 38 |
| RT | 639 | 38 |
| LT | 636 | 38 |
| RT | 635 | 38 |
| LT | 632 | 38 |
| RT | 633 | 38 |
| LT | 630 | 38 |
| LT | 628 | 38 |
| RT | 631 | 38 |
| RT | 625 | 38 |
| LT | 624 | 38 |
| LT | 612 | 38 |
| RT | 609 | 38 |
| RT | 605 | 38 |
| LT | 608 | 42 |
| RT | 559 | 38 |
| LT | 602 | 38 |
| RT | 555 | 38 |
| RT | 543 | 38 |
| RT | 523 | 38 |
| RT | 524 | 38 |
| RT | 519 | 38 |
| LT | 514 | 38 |
| RT | 517 | 38 |
| RT | 507 | 38 |
| RT | 501 | 38 |
| | **TOTAL** | **1,280** |

## ABANDON WATER MAIN

| LOCATION | SPV.0060.26 EACH |
|---|---|
| **PROJECT 6998-05-06** | |
| CATEGORY CODE 0010 | |
| 401+59 - 112+87 | 1 |
| **TOTAL** | **1** |

## CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W LINE
PROPERTY LINE
LOT, TIE, AND OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
FEE ACQUISITION AREA (HATCHING VARIES BY OWNER)
TEMP. LIMITED EASEMENT AREA
EASEMENT AREA (HIGHWAY, PERMANENT LIMITED, OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING
BUILDING (TO BE REMOVED)
BRIDGE

PARCEL NUMBER 25
UTILITY NUMBER 40
SECTION CORNER
NOTATION FOR COMBUSTABLE FLUIDS
NOTATION FOR HIGH VOLTAGE TRANSMISSION LINES
R/W MONUMENT
NON-MONUMENTED R/W POINT
FOUND IRON PIN
VALVE (GAS, WATER, ETC.)
SIGN
OFF-PREMISE SIGN

ACCESS CONTROLLED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
NATIONAL GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
PARALLEL OFFSETS

## CONVENTIONAL UTILITY SYMBOLS

| | |
|---|---|
| WATER | W |
| GAS | G |
| TELEPHONE | T |
| OVERHEAD TRANSMISSION LINES | OH |
| ELECTRIC | E |
| CABLE TELEVISION | TV |
| FIBER OPTIC | FO |
| SANITARY SEWER | SAN |
| STORM SEWER | SS |
| ELECTRIC TOWER | |

| | NON-COMPENSABLE | COMPENSABLE |
|---|---|---|
| POWER POLE | • | ■ |
| TELEPHONE POLE | • | ■ |
| TELEPHONE PEDESTAL | • | ■ |

## CURVE DATA ABBREVIATIONS

| | |
|---|---|
| LONG CHORD | LCH |
| LONG CHORD BEARING | LCB |
| RADIUS | R |
| DEGREE OF CURVE | D |
| CENTRAL ANGLE | Δ/DELTA |
| LENGTH OF CURVE | L |
| TANGENT | T |
| DIRECTION AHEAD | DA |
| DIRECTION BACK | DB |

## CONVENTIONAL ABBREVIATIONS

| | | | |
|---|---|---|---|
| ACCESS RIGHTS | AR | OUTLOT | OL |
| ACRES | AC | PAGE | P |
| AHEAD | AH | POINT OF TANGENCY | PT |
| ALUMINUM | ALUM | PROPERTY LINE | PL |
| AND OTHERS | ET AL | RECORDED AS | (100') |
| BACK | BK | REEL / IMAGE | R/I |
| BLOCK | BLK | REFERENCE LINE | R/L |
| CENTERLINE | C/L | PERMANENT LIMITED EASEMENT | PLE |
| CERTIFIED SURVEY MAP | CSM | POINT OF BEGINNING | POB |
| CONCRETE | CONC | POINT OF CURVATURE | PC |
| COUNTY | CO | POINT OF COMPOUND CURVE | PCC |
| COUNTY TRUNK HIGHWAY | CTH | POINT OF INTERSECTION | PI |
| DISTANCE | DIST | REMAINING | REM |
| CORNER | COR | RESTRICTIVE DEVELOPMENT EASEMENT | RDE |
| DOCUMENT NUMBER | DOC | RIGHT | RT |
| EASEMENT | EASE | RIGHT OF WAY | R/W |
| EXISTING | EX | SECTION | SEC |
| GAS VALVE | GV | SEPTIC VENT | SEPV |
| GRID NORTH | GN | SQUARE FEET | SF |
| HIGHWAY EASEMENT | HE | STATE TRUNK HIGHWAY | STH |
| IDENTIFICATION | ID | STATION | STA |
| LAND CONTRACT | LC | TELEPHONE PEDESTAL | TP |
| LEFT | LT | TEMPORARY LIMITED EASEMENT | TLE |
| MONUMENT | MON | TRANSPORTATION PROJECT PLAT | TPP |
| NATIONAL GEODETIC SURVEY | NGS | UNITED STATES HIGHWAY | USH |
| NUMBER | NO | VOLUME | V |

## NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCORS), DODGE COUNTY, NAD83 (1991) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2(TYPICALLY 1" X 24" IRON PIPE) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

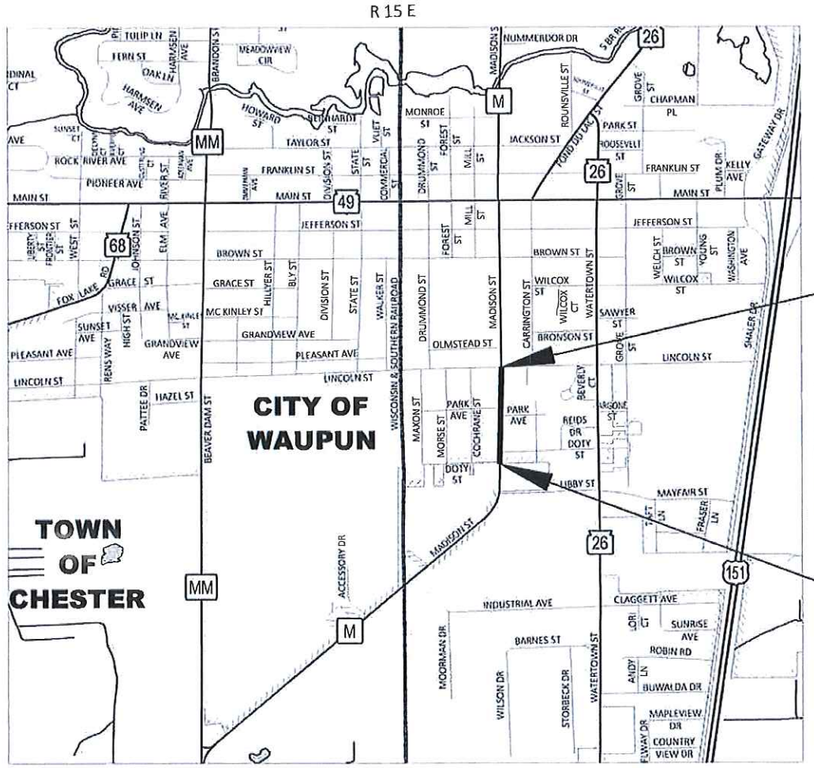
PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATION LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT-OF-WAY FOR MADISON STREET ESTABLISHED FROM PREVIOUS PROJECTS 6998-05-10, 6998-05-11, PLAT OF KELLY'S ADDITION TO THE CITY OF WAUPUN WISCONSIN, THE SOUTH WARD OF THE CITY OF WAUPUN IN DODGE COUNTY, COCHRANE HEIGHTS SECOND PLAT AND PARK ADDITION.
EXISTING HIGHWAY RIGHT-OF-WAY FOR SIDE ROADS ESTABLISHED FROM PLAT OF KELLY'S ADDITION TO THE CITY OF WAUPUN WISCONSIN, PARK ADDITION, COCHRANE HEIGHTS SECOND PLAT, V271/P204, V271/P205 AND V271/P208.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OF DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION REGION OFFICE IN MADISON.




LAYOUT
SCALE 0 2000

TOTAL NET LENGTH OF CENTERLINE = 0.253 MILES

## END RELOCATION ORDER

113+13.83
Y 785289.74
X 875990.54
73.34' SOUTH AND 1296.51' WEST OF THE EAST QUARTER CORNER OF SECTION 5, T13N, R15E

## BEGIN RELOCATION ORDER

99+77.00
Y 783953.13
X 875966.04
1230.73' NORTH AND 1356.93' WEST OF THE SOUTHEAST CORNER OF SECTION 5, T13N, R15E

**CAUTION:**
THIS PLAT IS FOR ILLUSTRATIVE PURPOSES ONLY. DEEDS MUST BE CHECKED TO DETERMINE PROPERTY BOUNDARIES.

| R/W PROJECT NUMBER 6998-05-04 | SHEET NUMBER | TOTAL SHEETS |
|---|---|---|
| R/W PROJECT NUMBER 6998-05-04 | 4.01 | 7 |

PLAT OF RIGHT OF WAY REQUIRED FOR

# S. MADISON STREET
# DOTY STREET - E. LINCOLN STREET

| S. MADISON STREET | DODGE COUNTY |
|---|---|

REVISION DATE

ACCEPTED FOR
CITY OF WAUPUN
Date 01/28/2020
JULIE NICKEL
MAYOR, CITY OF WAUPUN

ORIGINAL PLANS PREPARED BY


GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac
85 South Pioneer Road, Suite 300 • Fond du Lac, WI 54935
(920) 924-5720 • fax (920) 924-5725


1-24-20
DATE
AARON PARKS, PLS

WISCONSIN
AARON PARKS S-2861 STEVENS POINT WIS
LAND SURVEYOR

# SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN ON THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED. OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

| PARCEL NUMBER | SHEET NUMBER | OWNER(S) | INTEREST REQUIRED | TOTAL ACRES (EXISTING) | R/W ACRES REQUIRED NEW | EXISTING | TOTAL | TOTAL ACRES REMAINING | T.L.E. ACRES TEMP. | TAX KEY NUMBER |
|---|---|---|---|---|---|---|---|---|---|---|
| 9 | 4.05 | BRET GRANT | TLE | 0.591 | 0 | 0 | 0 | 0.591 | 0.015 | 010-1315-0543-000 |
| 11 | 4.05 | JAMES M. KLUGE | TLE | 0.327 | 0 | 0 | 0 | 0.327 | 0.015 | 292-1315-0541-112 |
| 12 | 4.05 | TERRENCE D. MARTIN AND BARBARA A. MARTIN | FEE,TLE | 0.227 | 0.003 | 0 | 0 | 0.224 | 0.018 | 292-1315-0541-111 |
| 13 | 4.05 | SARAH L. SCHRAUFNAGEL | FEE,TLE | 0.255 | 0.001 | 0 | 0 | 0.254 | 0.016 | 292-1315-0542-113 |
| 14 | 4.05 | PETER S. KACZMARSKI | TLE | 0.274 | 0 | 0 | 0 | 0.274 | 0.012 | 292-1315-0542-112 |
| 15 | 4.05 | JASON W. JACKSON | TLE | 0.253 | 0 | 0 | 0 | 0.253 | 0.011 | 292-1315-0542-111 |
| 16 | 4.05 | JUSTIN J. HULL AND EMILY A. TRUTTMANN | FEE,TLE | 0.268 | 0.009 | 0 | 0 | 0.259 | 0.027 | 292-1315-0541-108 |
| 17 | 4.05 | DONA M. SWANSON | TLE | 0.375 | 0 | 0 | 0 | 0.375 | 0.018 | 292-1315-0541-107 |
| 18 | 4.05 | KRISTINE A. SALKOWSKI | TLE | 0.253 | 0 | 0 | 0 | 0.253 | 0.012 | 292-1315-0542-110 |
| 19 | 4.05 | ADAM C. RECHEK | TLE | 0.312 | 0 | 0 | 0 | 0.312 | 0.014 | 292-1315-0542-109 |
| 20 | 4.05 | PHILIP J. LONT AND DOREEN A. LONT | TLE | 0.339 | 0 | 0 | 0 | 0.339 | 0.015 | 292-1315-0542-108 |
| 21 | 4.05 | WILLIAM J. WULFF AND SHELBY M. SCHNEIDER | TLE | 0.530 | 0 | 0 | 0 | 0.530 | 0.015 | 292-1315-0541-106 |
| 22 | 4.05 | DAYBREAK, INC. | TLE | 0.282 | 0 | 0 | 0 | 0.282 | 0.015 | 292-1315-0541-105 |
| | | | TLE | 0.777 | 0 | 0 | 0 | 0.777 | 0.018 | 292-1315-0541-104 |
| | | | TOTALS: | 1.059 | 0 | 0 | 0 | 1.059 | 0.033 | |
| 23 | 4.05 | RICHARD L. HARTGERINK AND MARY E. HARTGERINK | TLE | 0.230 | 0 | 0 | 0 | 0.230 | 0.011 | 292-1315-0542-107 |
| 24 | 4.05 | MICHAEL A. KOEHLER AND DEANNA K. JOHNSEN | TLE | 0.344 | 0 | 0 | 0 | 0.344 | 0.015 | 292-1315-0542-106 |
| 26 | 4.05 | JPPM PROPERTIES, LLC | TLE | 0.147 | 0 | 0 | 0 | 0.147 | 0.011 | 292-1315-0541-087 |
| 27 | 4.05 | DEBORAH J. LEBEAU | TLE | 0.368 | 0 | 0 | 0 | 0.368 | 0.016 | 292-1315-0542-105 |
| 28 | 4.05 | ROBERT M. VOIGT AND SUSANA R. VOIGT | TLE | 0.492 | 0 | 0 | 0 | 0.492 | 0.020 | 292-1315-0542-104 |
| 29 | 4.05 | FRANK R. VANBEVER AND PATRICIA D. HOLBACH | FEE,TLE | 0.197 | 0.001 | 0 | 0 | 0.196 | 0.017 | 292-1315-0541-088 |
| 30 | 4.06 | DAVID R. WEBER | FEE,TLE | 0.139 | 0.001 | 0 | 0 | 0.138 | 0.017 | 292-1315-0541-062 |
| 31 | 4.06 | GARY F. HAAS AND CHRISTINA M. HAAS | FEE,TLE | 0.250 | 0.003 | 0 | 0 | 0.247 | 0.018 | 292-1315-0542-103 |
| 32 | 4.06 | MATTHEW A. BUWALDA AND JENNIFER M. LANDAAL | TLE | 0.135 | 0 | 0 | 0 | 0.135 | 0.014 | 292-1315-0541-061 |
| 33 | 4.06 | CHARLES E. WILSON AND CORRIN L. WILSON | TLE | 0.273 | 0 | 0 | 0 | 0.273 | 0.016 | 292-1315-0541-099 |
| 34 | 4.06 | KENNETH R. BAKER AND SUSAN K. BAKER | TLE | 0.227 | 0 | 0 | 0 | 0.227 | 0.015 | 292-1315-0541-098 |
| 35 | 4.06 | TRINITY REFORMED CHURCH OF THE CITY OF WAUPUN, WISCONSIN | TLE | 2.456 | 0 | 0 | 0 | 2.456 | 0.027 | 292-1315-0541-097 |

NOTE: THE PURPOSE FOR TLE'S IS FOR DRIVEWAYS AND SLOPES UNLESS OTHERWISE NOTED.

# SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN ON THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED. OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

| PARCEL NUMBER | SHEET NUMBER | OWNER(S) | INTEREST REQUIRED | TOTAL ACRES (EXISTING) | R/W ACRES REQUIRED NEW | EXISTING | TOTAL | TOTAL ACRES REMAINING | T.L.E. ACRES TEMP. | TAX KEY NUMBER |
|---|---|---|---|---|---|---|---|---|---|---|
| 37 | 4.06 | RONALD WATSON AND CANDICE MARSHALL-WATSON | TLE | 0.244 | 0 | 0 | 0 | 0.244 | 0.018 | 292-1315-0542-052 |
| 38 | 4.06 | DOUGLAS W. WOXLAND AND BETTY J. WOXLAND | TLE | 0.366 | 0 | 0 | 0 | 0.366 | 0.019 | 292-1315-0541-095 |
| 39 | 4.06 | RONALD DISCH AND SANDRA DISCH | TLE | 0.270 | 0 | 0 | 0 | 0.270 | 0.014 | 292-1315-0541-094 |
| 40 | 4.06 | HARVEY E. MARTIN AND JUNE N. MARTIN | TLE | 0.139 | 0 | 0 | 0 | 0.139 | 0.012 | 292-1315-0541-093 |
| 41 | 4.06 | DONALD E. OEHLKE AND NILLA DEE OEHLKE | TLE | 0.480 | 0 | 0 | 0 | 0.480 | 0.023 | 292-1315-0542-051 |
| 42 | 4.06 | KIMBERLY L. VROOMAN | TLE | 0.125 | 0 | 0 | 0 | 0.125 | 0.009 | 292-1315-0541-092 |

NOTE: THE PURPOSE FOR TLE'S IS FOR DRIVEWAYS AND SLOPES UNLESS OTHERWISE NOTED.

4

4

REVISION DATE

DATE 1/28/2020

GRID FACTOR

HWY: S. MADISON STREET

COUNTY: DODGE

STATE R/W PROJECT NUMBER 6998-05-04

CONSTRUCTION PROJECT NUMBER 6998-05-05

PLAT SHEET 4.03

PS&E SHEET 67

E

FILE NAME : MADISON ST SCHEDULE.DWG
LAYOUT NAME - SCHEDULE 2

PLOT DATE : 01/21/2020 PLOT BY : AARON PARKS PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 75

TOWN

SW-SE
SECTION 5
T13N, R15E

CITY

NW-SE
SECTION 5
T13N, R15E

GN

T 13 N
R 15 E
5

4

4

9

OF

DOTY ST

13 14 15 18 19 20 23 24 27 28 31

OF

PARK AVE

37 41

99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114

S MADISON ST

11 12

DOTY ST

16 17 21 22 22 26 29

PARK AVENUE

30 32 33 34 35 38 39 40 42

E LINCOLN ST

CHESTER

WAUPUN

SE-SE
SECTION 5
T13N, R15E

NE-SE
SECTION 5
T13N, R15E

CARRINGTON ST

T 13 N
R 15 E
5
4

| | | | |
|---|---|---|---|
| REVISION DATE | DATE 1/28/2020 | SCALE, FEET 0 50 100 | HWY: S. MADISON STREET |
| | GRID FACTOR | | COUNTY: DODGE |

| | | |
|---|---|---|
| STATE R/W PROJECT NUMBER 6998-05-04 | PLAT SHEET 4.04 | |
| CONSTRUCTION PROJECT NUMBER 6998-05-05 | PS&E SHEET | E |



FILE NAME : MADISON ST SCHEDULE.DWG
LAYOUT NAME - OVERALL

PLOT DATE : 01/21/2020 PLOT BY : AARON PARKS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 75

ALL COURSE TABLES FOR THE PARCELS ON THIS SHEET ARE SHOWN ON SHEET 4.07

SEE SHEET 4.06

SEE SHEET 4.04

MAG NAIL W/ DODGE CO. SHINER
Y 785277.220
X 874632.370

CHISELED CROSS
Y 785363.080
X 877287.050

QUARTER LINE

MATCH LINE

SIXTEENTH LINE

S MADISON ST

PARK AVENUE

DOTY STREET

CITY OF WAUPUN

TOWN OF CHESTER

CITY OF WAUPUN

PLAT OF KELLY'S ADDITION TO THE CITY OF WAUPUN, WIS

SW-SE

SE-SE

NW-SE

NE-SE

010-1315-0543-000
BRET GRANT
DOC. #1252359

292-1315-0542-112
PETER S. KACZMARSKI
DOC. #778102

292-1315-0542-113
SARAH L. SCHRAUFNAGEL
DOC. #1113907

292-1315-0542-111
JASON W. JACKSON
DOC. #1189543

292-1315-0542-110
KRISTINE A. SALKOWSKI
DOC. #1195296

292-1315-0542-109
ADAM C. RECHEK
DOC. #962920

292-1315-0542-108
PHILIP J. LONT AND
DOREEN A. LONT
DOC. #1055436

292-1315-0542-107
RICHARD L. HARTGERINK AND
MARY E. HARTGERINK
DOC. #808175

292-1315-0542-106
MICHAEL A. KOEHLER AND
DEANNA K. JOHNSEN
DOC. #1145735

292-1315-0542-105
DEBORAH J. LEBEAU
DOC. #1268128

292-1315-0542-104
ROBERT M. VOIGT AND
SUSANA R. VOIGT
DOC. #1212568

292-1315-0541-112
JAMES M. KLUGE
DOC. #1243504

292-1315-0541-111
TERRENCE D.
AND BARBARA A.
MARTIN
DOC. #566544

292-1315-0541-108
JUSTIN J. HULL
AND EMILY A.
TRUTTMANN
DOC. #1280439

292-1315-0541-107
DONA M. SWANSON
DOC. #1026319

292-1315-0541-106
WILLIAM J. WULFF AND
SHELBY M. SCHNEIDER
DOC. #1244220

292-1315-0541-105
DAYBREAK, INC.
DOC. #816649

292-1315-0541-104
DAYBREAK, INC.
DOC. #933681

292-1315-0541-087
JPPM PROPERTIES, LLC
DOC. #1282024

292-1315-0541-088
FRANK R. VANBEVER
AND
PATRICIA D. HOLBACH
DOC. #819285

BEGIN RELOCATION ORDER
99+77.00
Y 783953.13
X 875966.04
1230.73' NORTH AND 1356.93' WEST
OF THE SOUTHEAST CORNER OF
SECTION 5, T13N, R15E

R/L N00°20'14"E

R/L N01°04'47"E

2656.07'

1296.60'

S88°08'51"W

49.5'

33'

40'

42'

0'

SLOPE INTERCEPT, TYP.

PARCEL 16 FEE

| POINT | STATION | OFFSET |
|---|---|---|
| 314 | 102+03.54 | 50.06 RT |
| 315 | 102+00.27 | 63.59 RT |
| 316 | 102+02.21 | 99.78 RT |
| 317 | 102+05.29 | 105.80 RT |
| 318 | 102+05.44 | 108.57 RT |
| 319 | 101+99.20 | 108.90 RT |

PARCEL 12 FEE

| POINT | STATION | OFFSET |
|---|---|---|
| 320 | 101+54.88 | 76.24 RT |
| 321 | 101+57.38 | 76.10 RT |

| | | | |
|---|---|---|---|
| REVISION DATE | DATE 1/28/2020 | HWY: S. MADISON STREET | STATE R/W PROJECT NUMBER 6998-05-04 |
| | GRID FACTOR | COUNTY: DODGE | CONSTRUCTION PROJECT NUMBER 6998-05-05 |
| | SCALE, FEET 0 25 50 | | PLAT SHEET 4.05 |
| | | | PS&E SHEET 69 E |

FILE NAME : MADISON ST PLAT 1-10-20.DWG
LAYOUT NAME - RW 1 IN 50 FT 4.05

PLOT DATE : 01/20/2020 PLOT BY : AARON PARKS PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 75

CITY OF WAUPUN

ALL COURSE TABLES FOR THE PARCELS ON THIS SHEET ARE SHOWN ON SHEET 4.07

4

SEE SHEET 4.05

MATCH LINE

MAG NAIL W/ DODGE CO. SHINER
Y 785277.220
X 874632.370
83

T 13 N R 15 E 5

S88°08'51"W 2656.07'

QUARTER LINE

IP

WAUPUN

END RELOCATION ORDER
113+13.83
Y 785289.74
X 875990.54
73.34' SOUTH AND 1296.51' WEST OF THE EAST QUARTER CORNER OF SECTION 5, T13N, R15E

PI: 113+50.34

R/L N00°39'46"W

S88°08'51"W 1296.60'

CHISELED CROSS
Y 785363.080
X 877287.050
84

292-1315-0542-103
GARY F. HAAS AND
CHRISTINA M. HAAS
DOC. #721168

292-1315-0542-052
RONALD WATSON AND
CANDICE MARSHALL-WATSON
DOC. #1209808

292-1315-0542-051
DONALD E. OEHLKE AND
NILLA DEE OEHLKE
DOC. #753487

292-1315-0542-053
CITY OF WAUPUN
DOC. #312838

292-1315-0541-061
MATTHEW A. BUWALDA
AND
JENNIFER M. LANDAAL
DOC. #1063443

292-1315-0541-062
DAVID R. WEBER
DOC. #1222102

292-1315-0541-099
CHARLES E. WILSON AND
CORRIN L. WILSON
DOC. #1224160

292-1315-0541-098
KENNETH R. BAKER AND
SUSAN K. BAKER
DOC. #1091071

292-1315-0541-097
TRINITY REFORMED CHURCH OF
THE CITY OF WAUPUN, WISCONSIN
DOC. #451454

292-1315-0541-095
DOUGLAS W. WOXLAND AND
BETTY J. WOXLAND
DOC. #853237

292-1315-0541-094
RONALD DISCH AND
SANDRA DISCH
DOC. #1281078

292-1315-0541-093
HARVEY E. MARTIN
AND
JUNE N. MARTIN
DOC. #644439

292-1315-0541-092
KIMBERLY L. VROOMAN
DOC. #1143709

BLOCK 1
COCHRANE HEIGHTS
SECOND PLAT

PLAT OF KELLY'S
ADDITION TO
THE CITY OF
WAUPUN, WIS

SIXTEENTH LINE

S MADISON ST

PARK AVENUE

E. LINCOLN STREET

SLOPE INTERCEPT, TYP.

NW-SE

NE-SE

P.L.

49.5'

33'

42'

| | | | |
|---|---|---|---|
| REVISION DATE | DATE 1/28/2020 | SCALE, FEET 0 25 50 | HWY: S. MADISON STREET |
| | GRID FACTOR | | COUNTY: DODGE |

| | | |
|---|---|---|
| STATE R/W PROJECT NUMBER | 6998-05-04 | PLAT SHEET 4.06 |
| CONSTRUCTION PROJECT NUMBER | 6998-05-05 | PS&E SHEET 70 E |

FILE NAME : MADISON ST PLAT 1-10-20.DWG
LAYOUT NAME - RW 1 IN 50 FT 4.06

PLOT DATE : 01/20/2020 PLOT BY : AARON PARKS PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 75

## COORDINATE TABLE

| POINT | Y | X |
|---|---|---|
| 83 | 785277.220 | 874632.370 |
| 84 | 785363.080 | 877287.050 |
| 300 | 784045.550 | 875924.092 |
| 301 | 784050.887 | 875934.181 |
| 302 | 784723.018 | 875946.849 |
| 303 | 784727.726 | 875942.103 |
| 304 | 784671.724 | 876011.894 |
| 305 | 784666.944 | 876018.797 |
| 306 | 784624.899 | 876018.004 |
| 307 | 784619.681 | 876010.913 |
| 308 | 784183.092 | 876002.685 |
| 309 | 784178.282 | 876007.684 |
| 310 | 784128.220 | 876006.778 |
| 311 | 784123.545 | 876001.562 |
| 312 | 784726.249 | 875906.815 |
| 313 | 784728.830 | 875906.707 |
| 314 | 784178.700 | 876019.665 |
| 315 | 784175.168 | 876033.130 |
| 316 | 784176.433 | 876069.346 |
| 317 | 784179.397 | 876075.430 |
| 318 | 784179.493 | 876078.195 |
| 319 | 784173.247 | 876078.413 |
| 320 | 784129.552 | 876044.918 |
| 321 | 784132.050 | 876044.831 |
| 408 | 785090.561 | 875953.777 |
| 500 | 783953.327 | 875933.042 |
| 501 | 783953.397 | 875921.042 |
| 502 | 783968.397 | 875921.131 |
| 503 | 783968.368 | 875926.131 |
| 504 | 783989.090 | 875926.253 |
| 505 | 783987.784 | 875887.647 |
| 506 | 783994.780 | 875887.411 |
| 507 | 784044.252 | 875885.737 |
| 508 | 784051.248 | 875885.500 |
| 509 | 784052.659 | 875927.213 |
| 510 | 784091.870 | 875927.952 |
| 511 | 784091.964 | 875922.953 |
| 512 | 784114.960 | 875923.386 |
| 513 | 784114.866 | 875928.386 |
| 514 | 784124.864 | 875928.574 |
| 515 | 784124.959 | 875923.575 |
| 516 | 784138.956 | 875923.839 |
| 517 | 784138.862 | 875928.838 |
| 518 | 784166.857 | 875929.366 |
| 519 | 784166.951 | 875924.366 |
| 520 | 784202.945 | 875925.045 |
| 521 | 784202.850 | 875930.044 |
| 522 | 784215.848 | 875930.289 |
| 523 | 784215.942 | 875925.290 |
| 524 | 784251.936 | 875925.968 |
| 525 | 784251.842 | 875930.967 |
| 526 | 784277.837 | 875931.457 |
| 527 | 784277.931 | 875926.458 |
| 528 | 784329.922 | 875927.438 |
| 529 | 784329.828 | 875932.437 |
| 530 | 784339.826 | 875932.626 |
| 531 | 784339.920 | 875927.627 |
| 532 | 784352.918 | 875927.872 |
| 533 | 784352.824 | 875932.871 |
| 534 | 784389.817 | 875933.568 |
| 535 | 784389.911 | 875928.569 |
| 536 | 784436.903 | 875929.455 |
| 537 | 784436.809 | 875934.454 |
| 538 | 784452.806 | 875934.755 |
| 539 | 784452.900 | 875929.756 |
| 540 | 784472.897 | 875930.133 |
| 541 | 784472.803 | 875935.132 |
| 542 | 784517.795 | 875935.980 |
| 543 | 784517.889 | 875930.981 |
| 544 | 784537.885 | 875931.358 |
| 545 | 784537.791 | 875936.357 |
| 546 | 784547.789 | 875936.545 |
| 547 | 784547.883 | 875931.546 |
| 548 | 784575.878 | 875932.074 |
| 549 | 784575.784 | 875937.073 |
| 550 | 784615.777 | 875937.827 |
| 551 | 784615.871 | 875932.828 |
| 552 | 784636.868 | 875933.224 |
| 553 | 784636.773 | 875938.223 |
| 554 | 784685.765 | 875939.146 |
| 555 | 784685.859 | 875934.147 |
| 556 | 784700.856 | 875934.430 |
| 557 | 784700.762 | 875939.429 |
| 558 | 784720.624 | 875939.803 |
| 559 | 784719.046 | 875902.112 |
| 560 | 784728.621 | 875901.711 |
| 562 | 785090.881 | 875936.780 |
| 563 | 785114.877 | 875937.232 |
| 564 | 785114.689 | 875947.231 |
| 565 | 785126.686 | 875947.457 |
| 566 | 785126.781 | 875942.458 |
| 567 | 785142.778 | 875942.759 |
| 568 | 785142.684 | 875947.758 |
| 569 | 785215.671 | 875949.134 |
| 570 | 785215.765 | 875944.135 |
| 571 | 785236.761 | 875944.531 |
| 572 | 785236.667 | 875949.530 |
| 573 | 785287.129 | 875950.481 |
| 574 | 785289.262 | 876030.535 |
| 575 | 785250.157 | 876029.798 |
| 576 | 785250.062 | 876034.797 |
| 577 | 785210.069 | 876034.043 |
| 578 | 785210.164 | 876029.044 |
| 579 | 785174.170 | 876028.366 |
| 580 | 785174.076 | 876033.365 |
| 581 | 785128.084 | 876032.498 |
| 582 | 785128.178 | 876027.499 |
| 583 | 785108.182 | 876027.122 |
| 584 | 785108.088 | 876032.121 |
| 585 | 785027.102 | 876030.595 |
| 586 | 785027.196 | 876025.596 |
| 587 | 784962.208 | 876024.371 |
| 588 | 784962.114 | 876029.370 |
| 589 | 784945.117 | 876029.050 |
| 590 | 784945.211 | 876024.050 |
| 591 | 784933.213 | 876023.824 |
| 592 | 784933.119 | 876028.823 |
| 593 | 784885.127 | 876027.919 |
| 594 | 784885.221 | 876022.920 |
| 595 | 784871.224 | 876022.656 |
| 596 | 784871.130 | 876027.655 |
| 597 | 784833.136 | 876026.939 |
| 598 | 784833.231 | 876021.940 |
| 599 | 784801.236 | 876021.337 |
| 600 | 784801.142 | 876026.336 |
| 601 | 784751.151 | 876025.394 |
| 602 | 784751.245 | 876020.395 |
| 603 | 784729.249 | 876019.980 |
| 604 | 784729.155 | 876024.979 |
| 605 | 784714.158 | 876024.696 |
| 606 | 784714.252 | 876019.697 |
| 607 | 784673.952 | 876018.938 |
| 608 | 784675.156 | 876057.465 |
| 609 | 784668.160 | 876057.683 |
| 610 | 784626.180 | 876058.996 |
| 611 | 784619.184 | 876059.215 |
| 612 | 784617.891 | 876017.881 |
| 613 | 784605.271 | 876017.643 |
| 614 | 784605.177 | 876022.642 |
| 615 | 784590.180 | 876022.360 |
| 616 | 784590.274 | 876017.360 |
| 617 | 784560.279 | 876016.795 |
| 618 | 784560.185 | 876021.794 |
| 619 | 784510.194 | 876020.852 |
| 620 | 784510.288 | 876015.853 |
| 621 | 784492.291 | 876015.514 |
| 622 | 784492.197 | 876020.513 |
| 623 | 784478.199 | 876020.249 |
| 624 | 784478.294 | 876015.250 |
| 625 | 784449.299 | 876014.703 |
| 626 | 784449.205 | 876019.702 |
| 627 | 784403.213 | 876018.836 |
| 628 | 784403.307 | 876013.836 |
| 629 | 784387.310 | 876013.535 |
| 630 | 784387.216 | 876018.534 |
| 631 | 784346.223 | 876017.761 |
| 632 | 784346.317 | 876012.762 |
| 633 | 784298.326 | 876011.858 |
| 634 | 784298.231 | 876016.857 |
| 635 | 784283.234 | 876016.574 |
| 636 | 784283.328 | 876011.575 |
| 637 | 784260.332 | 876011.142 |
| 638 | 784260.238 | 876016.141 |
| 639 | 784238.242 | 876015.726 |
| 640 | 784238.336 | 876010.727 |
| 641 | 784203.343 | 876010.067 |
| 642 | 784203.248 | 876015.067 |
| 643 | 784185.532 | 876014.733 |
| 644 | 784187.913 | 876082.904 |
| 645 | 784173.421 | 876083.410 |
| 646 | 784132.225 | 876049.827 |
| 647 | 784122.730 | 876050.159 |
| 648 | 784121.276 | 876008.521 |
| 649 | 784104.360 | 876008.202 |
| 650 | 784104.266 | 876013.201 |
| 651 | 784090.268 | 876012.937 |
| 652 | 784090.363 | 876007.938 |
| 653 | 784035.372 | 876006.901 |
| 654 | 784035.278 | 876011.901 |
| 655 | 783998.969 | 876011.216 |
| 656 | 783998.566 | 875999.310 |
| 657 | 784666.321 | 875945.781 |
| 658 | 784666.028 | 874938.774 |
| 700 | 783953.132 | 875966.042 |
| 701 | 784006.929 | 875966.358 |
| 702 | 783996.333 | 875933.295 |
| 703 | 784045.266 | 875967.081 |
| 704 | 784045.888 | 875934.087 |
| 705 | 784722.396 | 875979.844 |
| 706 | 784730.516 | 875946.991 |
| 710 | 785089.939 | 875986.771 |
| 711 | 785287.308 | 875957.485 |
| 712 | 785321.166 | 875991.129 |
| 713 | 784667.347 | 875978.806 |
| 714 | 785289.113 | 876023.531 |
| 715 | 784666.725 | 876011.800 |
| 716 | 784131.166 | 875968.700 |
| 717 | 784130.544 | 876001.694 |
| 718 | 784171.217 | 875969.455 |
| 719 | 784170.595 | 876002.449 |
| 720 | 784625.302 | 875978.014 |
| 721 | 784624.680 | 876011.008 |
| 722 | 785289.735 | 875990.537 |
| 723 | 784006.521 | 875999.356 |

## PARCEL 9 - TLE

| FROM POINT | TO POINT | BEARING | DISTANCE |
|---|---|---|---|
| 84 | 712 | S88°08'51"W | 1296.60' |
| 712 | 701 | S01°04'47"W | 1314.47' |
| 701 | 700 | S00°20'14"W | 53.80' |
| 700 | 500 | N89°39'46"W | 33.00' |
| 500 | 501 | N89°39'46"W | 12.00' |
| 501 | 502 | N00°20'14"E | 15.00' |
| 502 | 503 | S89°39'46"E | 5.00' |
| 503 | 504 | N00°20'14"E | 20.72' |
| 504 | 505 | S88°03'44"W | 38.63' |
| 505 | 506 | N01°56'16"W | 7.00' |
| 506 | 702 | N88°03'44"E | 45.91' |
| 702 | 500 | S00°20'14"W | 43.01' |

## PARCELS 11 & 12 - TLE

| FROM POINT | TO POINT | BEARING | DISTANCE |
|---|---|---|---|
| 84 | 712 | S88°08'51"W | 1296.60' |
| 712 | 716 | S01°04'47"W | 1190.21' |
| 716 | 717 | S88°55'13"E | 33.00' |
| 717 | 646 | N88°00'01"E | 48.16' |
| 646 | 647 | S01°59'59"E | 9.50' |
| 647 | 648 | S88°00'01"W | 41.66' |
| 648 | 649 | S01°04'47"W | 16.92' |
| 649 | 650 | S88°55'13"E | 5.00' |
| 650 | 651 | S01°04'47"W | 14.00' |
| 651 | 652 | N88°55'13"W | 5.00' |
| 652 | 653 | S01°04'47"W | 55.00' |
| 653 | 654 | S88°55'13"E | 5.00' |
| 654 | 655 | S01°04'47"W | 36.32' |
| 655 | 656 | S88°03'44"W | 11.91' |
| 656 | 723 | N00°20'14"E | 7.95' |
| 723 | 311 | N01°04'47"E | 117.05' |
| 311 | 310 | N48°07'58"E | 7.00' |
| 310 | 320 | N88°00'01"E | 38.16' |
| 320 | 321 | N01°59'59"W | 2.50' |
| 321 | 646 | N88°00'01"E | 5.00' |

## PARCEL 31 - TLE

| FROM POINT | TO POINT | BEARING | DISTANCE |
|---|---|---|---|
| 84 | 712 | S88°08'51"W | 1296.60' |
| 712 | 705 | S01°04'47"W | 567.44' |
| 705 | 302 | N88°55'13"W | 33.00' |
| 302 | 657 | S01°04'47"W | 56.71' |
| 657 | 658 | S87°36'11"W | 7.01' |
| 658 | 554 | N01°04'47"E | 19.74' |
| 554 | 555 | N88°55'13"W | 5.00' |
| 555 | 556 | N01°04'47"E | 15.00' |
| 556 | 557 | S88°55'13"E | 5.00' |
| 557 | 558 | N01°04'47"E | 19.87' |
| 558 | 559 | S87°36'11"W | 37.72' |
| 559 | 560 | N02°23'49"W | 9.58' |
| 560 | 313 | N87°36'11"E | 5.00' |
| 313 | 312 | S02°23'49"E | 2.58' |
| 312 | 303 | N87°36'11"E | 35.32' |
| 303 | 302 | S45°13'36"E | 6.69' |

## PARCEL 12 - FEE

| FROM POINT | TO POINT | BEARING | DISTANCE |
|---|---|---|---|
| 84 | 712 | S88°08'51"W | 1296.60' |
| 712 | 716 | S01°04'47"W | 1190.21' |
| 716 | 717 | S88°55'13"E | 33.00' |
| 717 | 321 | N88°00'01"E | 43.16' |
| 321 | 320 | S01°59'59"E | 2.50' |
| 320 | 310 | S88°00'01"W | 38.16' |
| 310 | 311 | S48°07'58"W | 7.00' |
| 311 | 717 | N01°04'47"E | 7.00' |

## PARCEL 13 - FEE

| FROM POINT | TO POINT | BEARING | DISTANCE |
|---|---|---|---|
| 84 | 712 | S88°08'51"W | 1296.60' |
| 712 | 703 | S01°04'47"W | 1276.13' |
| 703 | 704 | N88°55'13"W | 33.00' |
| 704 | 300 | S88°03'44"W | 10.00' |
| 300 | 301 | N62°07'10"E | 11.41' |
| 301 | 704 | S01°04'47"W | 5.00' |

## PARCEL 16 - FEE

| FROM POINT | TO POINT | BEARING | DISTANCE |
|---|---|---|---|
| 84 | 712 | S88°08'51"W | 1296.60' |
| 712 | 718 | S01°04'47"W | 1150.15' |
| 718 | 719 | S88°55'13"E | 33.00' |
| 719 | 308 | N01°04'47"E | 12.50' |
| 308 | 309 | S46°06'12"E | 6.94' |
| 309 | 314 | N88°00'01"E | 11.99' |
| 314 | 315 | S75°18'02"E | 13.92' |
| 315 | 316 | N88°00'01"E | 36.24' |
| 316 | 317 | N64°01'23"E | 6.77' |
| 317 | 318 | N88°00'01"E | 2.77' |
| 318 | 319 | S01°59'59"E | 6.25' |
| 319 | 719 | S88°00'01"W | 76.01' |

## PARCELS 30, 32, 33, 34, 35, 38, 39, 40 & 42 - TLE

| FROM POINT | TO POINT | BEARING | DISTANCE |
|---|---|---|---|
| 84 | 712 | S88°08'51"W | 1296.60' |
| 712 | 722 | S01°04'47"W | 31.44' |
| 722 | 714 | S88°55'13"E | 33.00' |
| 714 | 574 | N88°47'07"E | 7.01' |
| 574 | 575 | S01°04'47"W | 39.11' |
| 575 | 576 | S88°55'13"E | 5.00' |
| 576 | 577 | S01°04'47"W | 40.00' |
| 577 | 578 | N88°55'13"W | 5.00' |
| 578 | 579 | S01°04'47"W | 36.00' |
| 579 | 580 | S88°55'13"E | 5.00' |
| 580 | 581 | S01°04'47"W | 46.00' |
| 581 | 582 | N88°55'13"W | 5.00' |
| 582 | 583 | S01°04'47"W | 20.00' |
| 583 | 584 | S88°55'13"E | 5.00' |
| 584 | 585 | S01°04'47"W | 81.00' |
| 585 | 586 | N88°55'13"W | 5.00' |
| 586 | 587 | S01°04'47"W | 65.00' |
| 587 | 588 | S88°55'13"E | 5.00' |
| 588 | 589 | S01°04'47"W | 17.00' |
| 589 | 590 | N88°55'13"W | 5.00' |
| 590 | 591 | S01°04'47"W | 12.00' |
| 591 | 592 | S88°55'13"E | 5.00' |
| 592 | 593 | S01°04'47"W | 48.00' |
| 593 | 594 | N88°55'13"W | 5.00' |
| 594 | 595 | S01°04'47"W | 14.00' |
| 595 | 596 | S88°55'13"E | 5.00' |
| 596 | 597 | S01°04'47"W | 38.00' |
| 597 | 598 | N88°55'13"W | 5.00' |
| 598 | 599 | S01°04'47"W | 32.00' |
| 599 | 600 | S88°55'13"E | 5.00' |
| 600 | 601 | S01°04'47"W | 50.00' |
| 601 | 602 | N88°55'13"W | 5.00' |
| 602 | 603 | S01°04'47"W | 22.00' |
| 603 | 604 | S88°55'13"E | 5.00' |
| 604 | 605 | S01°04'47"W | 15.00' |
| 605 | 606 | N88°55'13"W | 5.00' |
| 606 | 607 | S01°04'47"W | 40.31' |
| 607 | 608 | N88°12'33"E | 38.55' |
| 608 | 609 | S01°47'27"E | 7.00' |
| 609 | 305 | S88°12'33"W | 38.91' |
| 305 | 304 | N55°17'41"W | 8.40' |
| 304 | 714 | N01°04'47"E | 617.50' |

## PARCEL 29 - FEE

| FROM POINT | TO POINT | BEARING | DISTANCE |
|---|---|---|---|
| 84 | 712 | S88°08'51"W | 1296.60' |
| 712 | 720 | S01°04'47"W | 695.99' |
| 720 | 721 | S88°55'13"E | 33.00' |
| 721 | 306 | N88°12'33"E | 7.00' |
| 306 | 307 | S53°39'07"W | 8.80' |
| 307 | 721 | N01°04'47"E | 5.00' |

## PARCEL 30 - FEE

| FROM POINT | TO POINT | BEARING | DISTANCE |
|---|---|---|---|
| 84 | 712 | S88°08'51"W | 1296.60' |
| 712 | 713 | S01°04'47"W | 653.94' |
| 713 | 715 | S88°55'13"E | 33.00' |
| 715 | 304 | N01°04'47"E | 5.00' |
| 304 | 305 | S55°17'41"E | 8.40' |
| 305 | 715 | S88°12'33"W | 7.00' |

## PARCEL 31 - FEE

| FROM POINT | TO POINT | BEARING | DISTANCE |
|---|---|---|---|
| 84 | 712 | S88°08'51"W | 1296.60' |
| 712 | 705 | S01°04'47"W | 598.88' |
| 705 | 302 | N88°55'13"W | 33.00' |
| 302 | 303 | N45°13'36"W | 6.69' |
| 303 | 312 | S87°36'11"W | 35.32' |
| 312 | 313 | N02°23'49"W | 2.58' |
| 313 | 706 | N87°36'11"E | 40.32' |
| 706 | 302 | S01°04'47"W | 7.50' |

## PARCELS 16, 17, 21, 22, 26 & 29 - TLE

| FROM POINT | TO POINT | BEARING | DISTANCE |
|---|---|---|---|
| 84 | 712 | S88°08'51"W | 1296.60' |
| 712 | 720 | S01°04'47"W | 695.99' |
| 720 | 721 | S88°55'13"E | 33.00' |
| 721 | 306 | N88°12'33"E | 7.00' |
| 306 | 610 | N88°12'33"E | 41.01' |
| 610 | 611 | S01°47'27"E | 7.00' |
| 611 | 612 | S88°12'33"W | 41.35' |
| 612 | 613 | S01°04'47"W | 12.62' |
| 613 | 614 | S88°55'13"E | 5.00' |
| 614 | 615 | S01°04'47"W | 15.00' |
| 615 | 616 | N88°55'13"W | 5.00' |
| 616 | 617 | S01°04'47"W | 30.00' |
| 617 | 618 | S88°55'13"E | 5.00' |
| 618 | 619 | S01°04'47"W | 50.00' |
| 619 | 620 | N88°55'13"W | 5.00' |
| 620 | 621 | S01°04'47"W | 18.00' |
| 621 | 622 | S88°55'13"E | 5.00' |
| 622 | 623 | S01°04'47"W | 14.00' |
| 623 | 624 | N88°55'13"W | 5.00' |
| 624 | 625 | S01°04'47"W | 29.00' |
| 625 | 626 | S88°55'13"E | 5.00' |
| 626 | 627 | S01°04'47"W | 46.00' |
| 627 | 628 | N88°55'13"W | 5.00' |
| 628 | 629 | S01°04'47"W | 16.00' |
| 629 | 630 | S88°55'13"E | 5.00' |
| 630 | 631 | S01°04'47"W | 41.00' |
| 631 | 632 | N88°55'13"W | 5.00' |
| 632 | 633 | S01°04'47"W | 48.00' |
| 633 | 634 | S88°55'13"E | 5.00' |
| 634 | 635 | S01°04'47"W | 15.00' |
| 635 | 636 | N88°55'13"W | 5.00' |
| 636 | 637 | S01°04'47"W | 23.00' |
| 637 | 638 | S88°55'13"E | 5.00' |
| 638 | 639 | S01°04'47"W | 22.00' |
| 639 | 640 | N88°55'13"W | 5.00' |
| 640 | 641 | S01°04'47"W | 35.00' |
| 641 | 642 | S88°55'13"E | 5.00' |
| 642 | 643 | S01°04'47"W | 17.72' |
| 643 | 644 | N88°00'01"E | 68.21' |
| 644 | 645 | S01°59'59"E | 14.50' |
| 645 | 319 | S88°00'01"W | 5.00' |
| 319 | 318 | N01°59'59"W | 6.25' |
| 318 | 317 | S88°00'01"W | 2.77' |
| 317 | 316 | S64°01'23"W | 6.77' |
| 316 | 315 | S88°00'01"W | 36.24' |
| 315 | 314 | N75°18'02"W | 13.92' |
| 314 | 309 | S88°00'01"W | 11.99' |
| 309 | 308 | N46°06'12"W | 6.94' |
| 308 | 307 | N01°04'47"E | 436.67' |
| 307 | 306 | N53°39'07"E | 8.80' |

## PARCELS 37 & 41 - TLE

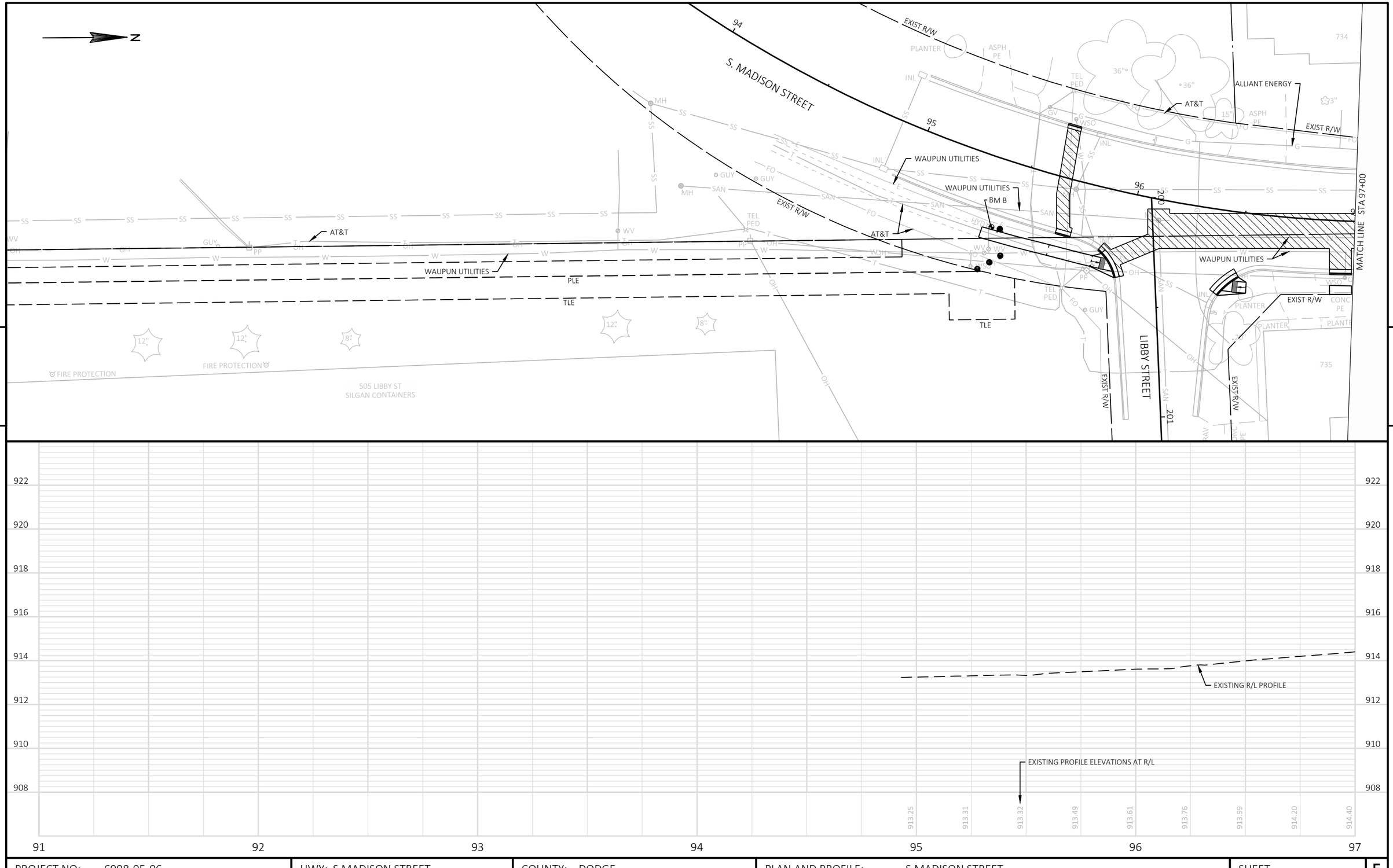
| FROM POINT | TO POINT | BEARING | DISTANCE |
|---|---|---|---|
| 84 | 712 | S88°08'51"W | 1296.60' |
| 712 | 710 | S01°04'47"W | 231.27' |
| 710 | 408 | N88°55'13"W | 33.00' |
| 408 | 562 | N88°55'13"W | 17.00' |
| 562 | 563 | N01°04'47"E | 24.00' |
| 563 | 564 | S88°55'13"E | 10.00' |
| 564 | 565 | N01°04'47"E | 12.00' |
| 565 | 566 | N88°55'13"W | 5.00' |
| 566 | 567 | N01°04'47"E | 16.00' |
| 567 | 568 | S88°55'13"E | 5.00' |
| 568 | 569 | N01°04'47"E | 73.00' |
| 569 | 570 | N88°55'13"W | 5.00' |
| 570 | 571 | N01°04'47"E | 21.00' |
| 571 | 572 | S88°55'13"E | 5.00' |
| 572 | 573 | N01°04'47"E | 50.47' |
| 573 | 711 | N88°32'18"E | 7.01' |
| 711 | 408 | S01°04'47"W | 196.78' |

## PARCELS 13, 14, 15, 18, 19, 20, 23, 24, 27 & 28 - TLE

| FROM POINT | TO POINT | BEARING | DISTANCE |
|---|---|---|---|
| 84 | 712 | S88°08'51"W | 1296.60' |
| 712 | 703 | S01°04'47"W | 1276.13' |
| 703 | 704 | N88°55'13"W | 33.00' |
| 704 | 300 | S88°03'44"W | 10.00' |
| 300 | 507 | S88°03'44"W | 38.38' |
| 507 | 508 | N01°56'16"W | 7.00' |
| 508 | 509 | N88°03'44"E | 41.74' |
| 509 | 510 | N01°04'47"E | 39.22' |
| 510 | 511 | N88°55'13"W | 5.00' |
| 511 | 512 | N01°04'47"E | 23.00' |
| 512 | 513 | S88°55'13"E | 5.00' |
| 513 | 514 | N01°04'47"E | 10.00' |
| 514 | 515 | N88°55'13"W | 5.00' |
| 515 | 516 | N01°04'47"E | 14.00' |
| 516 | 517 | S88°55'13"E | 5.00' |
| 517 | 518 | N01°04'47"E | 28.00' |
| 518 | 519 | N88°55'13"W | 5.00' |
| 519 | 520 | N01°04'47"E | 36.00' |
| 520 | 521 | S88°55'13"E | 5.00' |
| 521 | 522 | N01°04'47"E | 13.00' |
| 522 | 523 | N88°55'13"W | 5.00' |
| 523 | 524 | N01°04'47"E | 36.00' |
| 524 | 525 | S88°55'13"E | 5.00' |
| 525 | 526 | N01°04'47"E | 26.00' |
| 526 | 527 | N88°55'13"W | 5.00' |
| 527 | 528 | N01°04'47"E | 52.00' |
| 528 | 529 | S88°55'13"E | 5.00' |
| 529 | 530 | N01°04'47"E | 10.00' |
| 530 | 531 | N88°55'13"W | 5.00' |
| 531 | 532 | N01°04'47"E | 13.00' |
| 532 | 533 | S88°55'13"E | 5.00' |
| 533 | 534 | N01°04'47"E | 37.00' |
| 534 | 535 | N88°55'13"W | 5.00' |
| 535 | 536 | N01°04'47"E | 47.00' |
| 536 | 537 | S88°55'13"E | 5.00' |
| 537 | 538 | N01°04'47"E | 16.00' |
| 538 | 539 | N88°55'13"W | 5.00' |
| 539 | 540 | N01°04'47"E | 20.00' |
| 540 | 541 | S88°55'13"E | 5.00' |
| 541 | 542 | N01°04'47"E | 45.00' |
| 542 | 543 | N88°55'13"W | 5.00' |
| 543 | 544 | N01°04'47"E | 20.00' |
| 544 | 545 | S88°55'13"E | 5.00' |
| 545 | 546 | N01°04'47"E | 10.00' |
| 546 | 547 | N88°55'13"W | 5.00' |
| 547 | 548 | N01°04'47"E | 28.00' |
| 548 | 549 | S88°55'13"E | 5.00' |
| 549 | 550 | N01°04'47"E | 40.00' |
| 550 | 551 | N88°55'13"W | 5.00' |
| 551 | 552 | N01°04'47"E | 21.00' |
| 552 | 553 | S88°55'13"E | 5.00' |
| 553 | 658 | N01°04'47"E | 29.26' |
| 658 | 657 | N87°36'11"E | 7.01' |
| 657 | 301 | S01°04'47"W | 615.54' |
| 301 | 300 | S62°07'10"W | 11.41' |

THE COURSE TABLES ON THIS SHEET ARE FOR ALL PARCELS SHOWN ON THIS PLAT

THE COORDINATE TABLES SHOWN ON THIS SHEET ARE FOR ALL POINTS SHOWN ON THIS PLAT




5

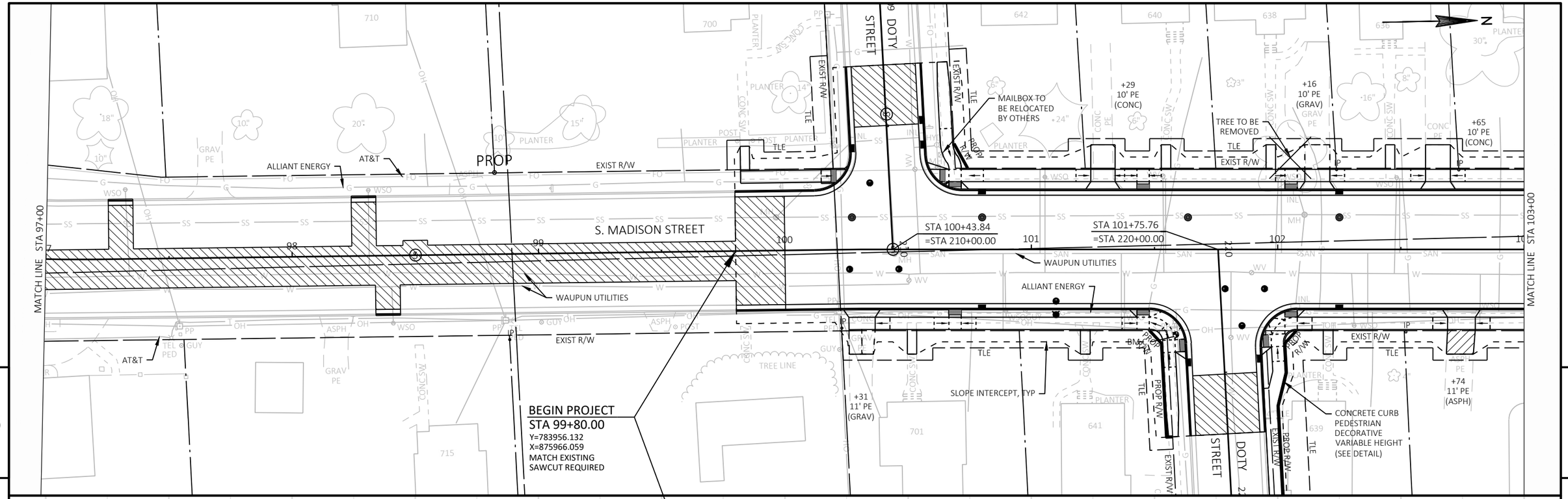
5

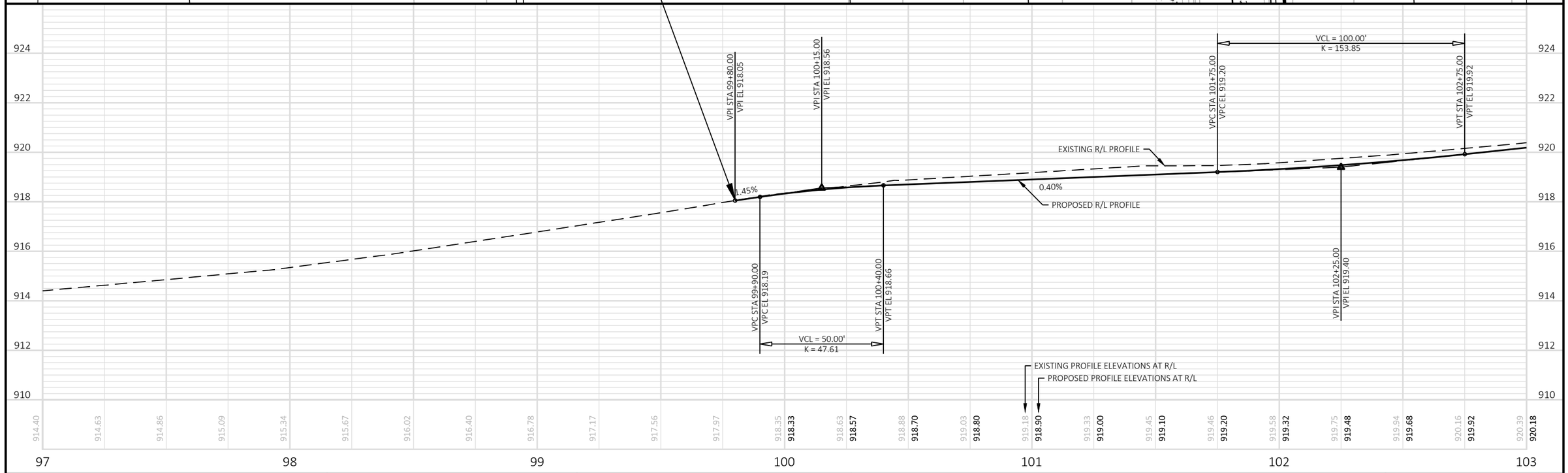
| PROJECT NO: 6998-05-06 | HWY: S MADISON STREET | COUNTY: DODGE | PLAN AND PROFILE: S MADISON STREET | SHEET 72 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-050101-PP.DWG
LAYOUT NAME - Sheet-01

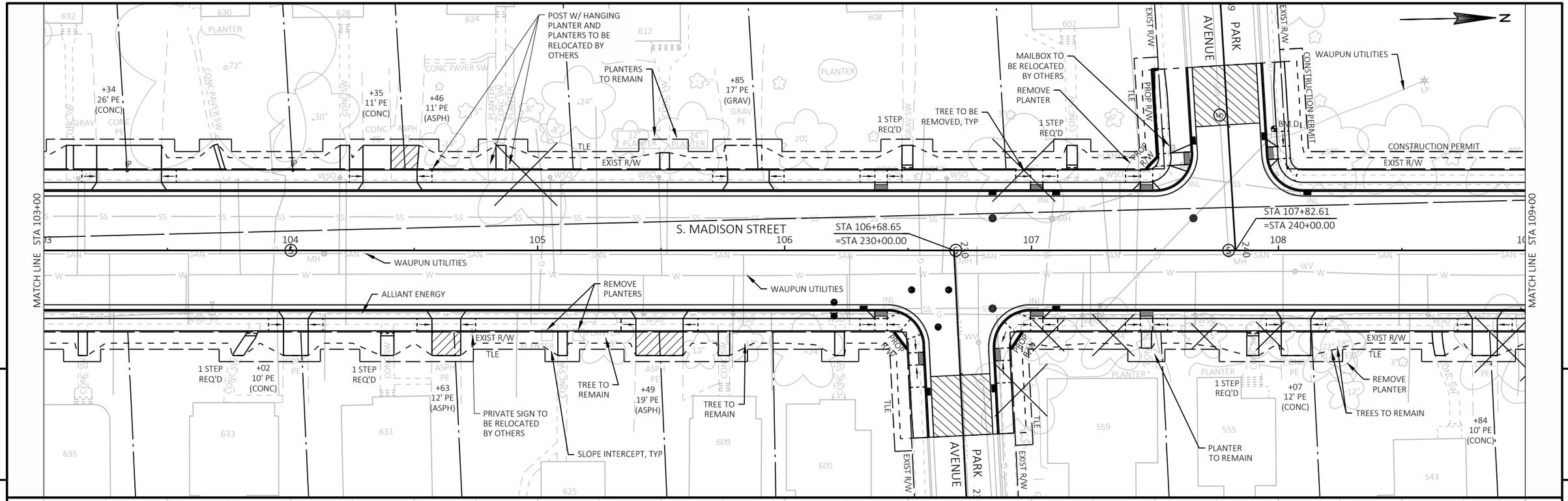
PLOT DATE : 7/16/2020 12:19 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

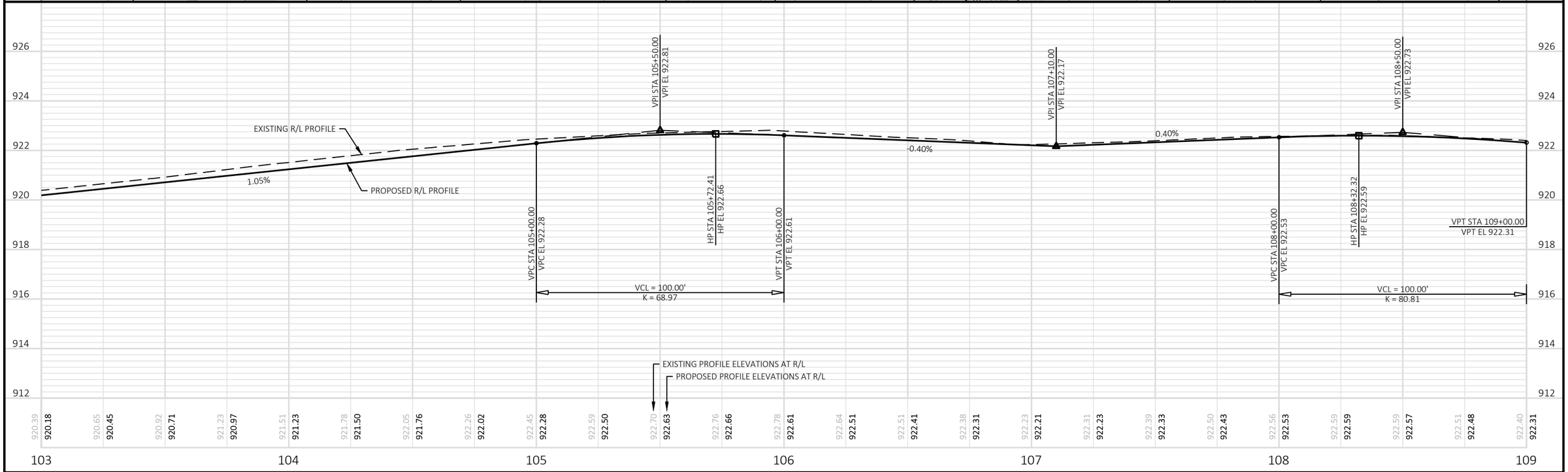
WISDOT/CADDS SHEET 44




| PROJECT NO: 6998-05-05/06 | HWY: S MADISON STREET | COUNTY: DODGE | PLAN AND PROFILE: S MADISON STREET | SHEET 73 | E |
|---|---|---|---|---|---|



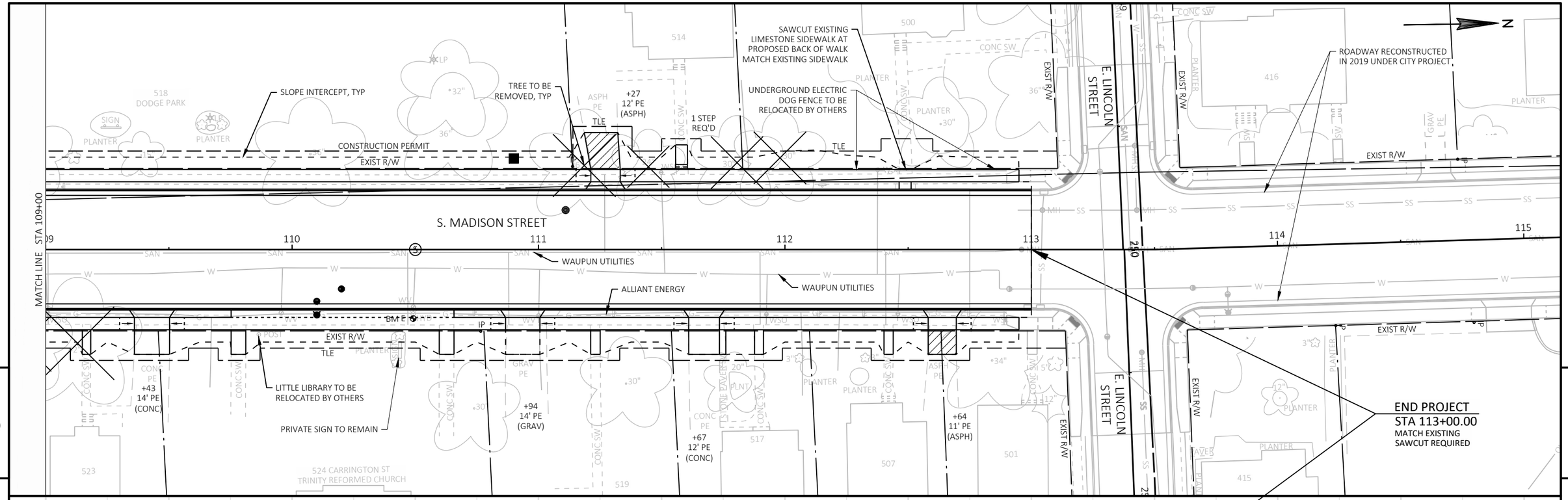




| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | PLAN AND PROFILE: S MADISON STREET | SHEET 74 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-050101-PP.DWG
LAYOUT NAME - Sheet-03

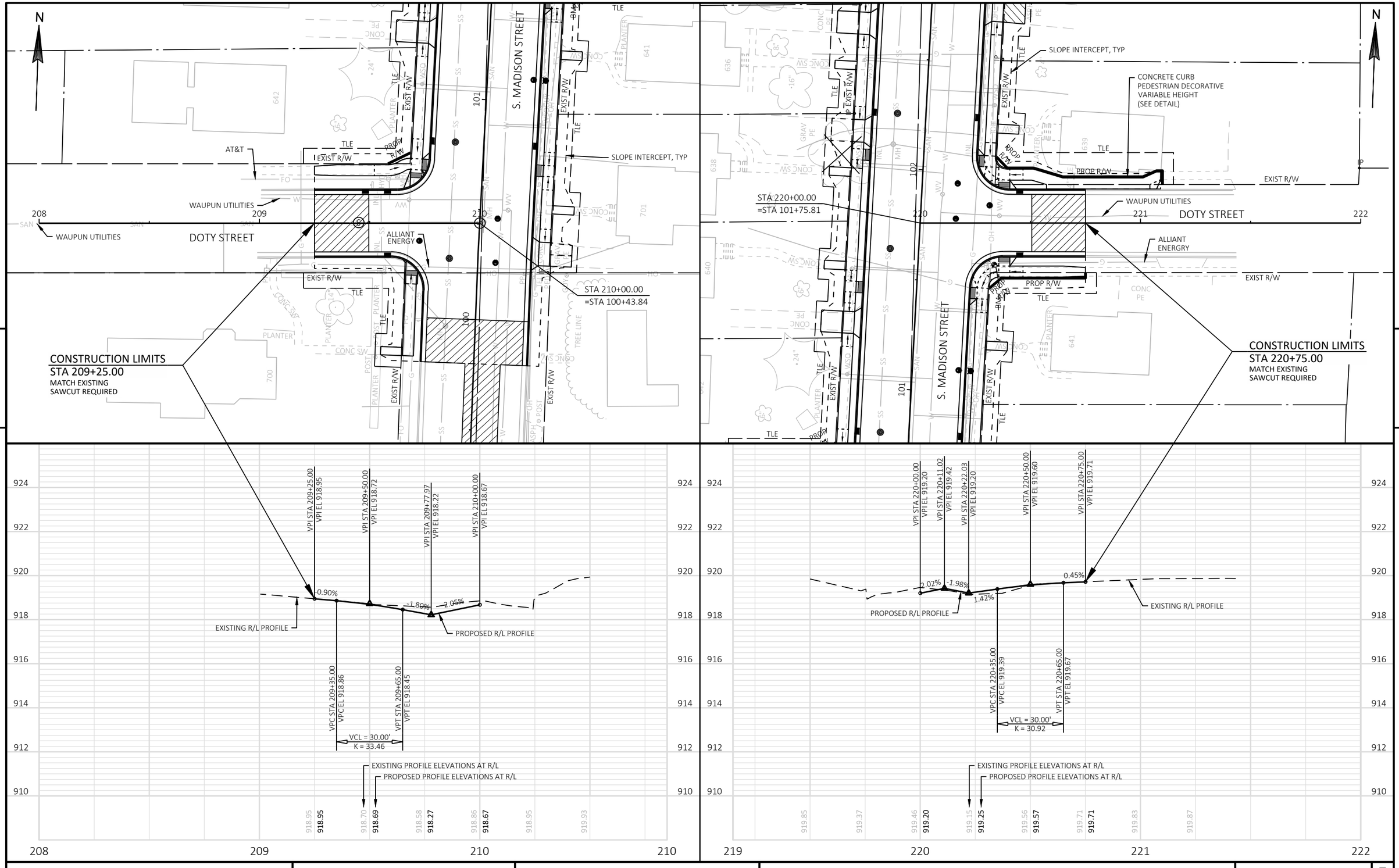
PLOT DATE : 7/16/2020 12:20 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44




| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | PLAN AND PROFILE: S MADISON STREET | SHEET 75 | E |
|---|---|---|---|---|---|


FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-050101-PP.DWG
LAYOUT NAME - Sheet-04
PLOT DATE : 7/16/2020 12:20 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

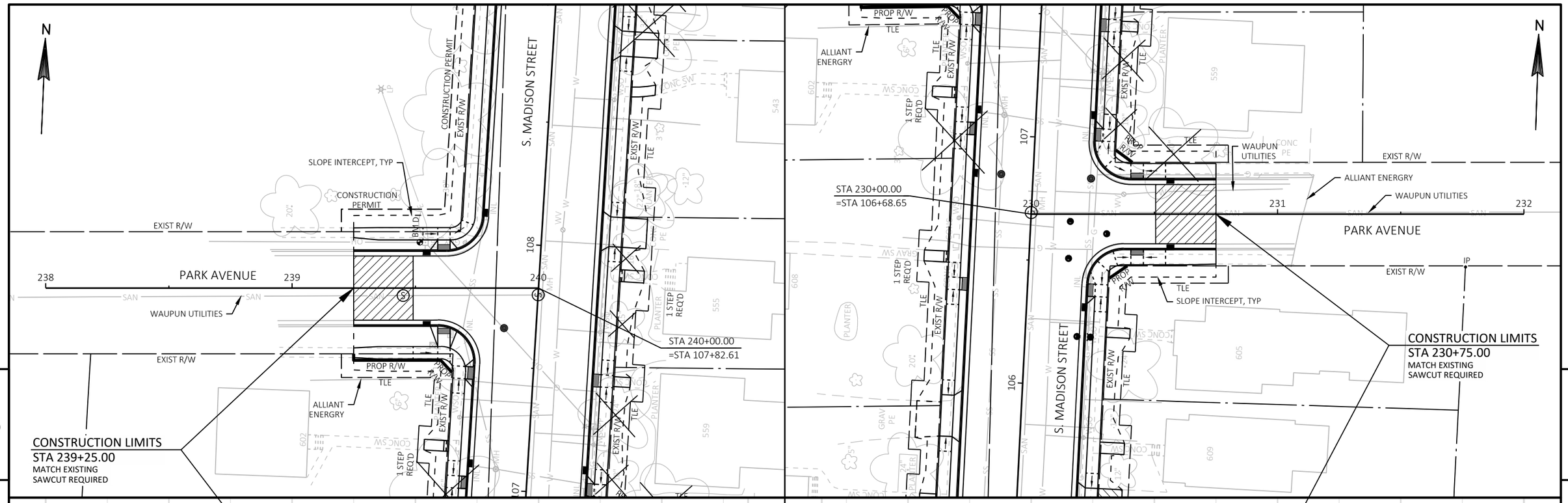



| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | PLAN AND PROFILE: DOTY STREET | SHEET 76 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-050102-PP.DWG
LAYOUT NAME - Sheet-01

PLOT DATE : 7/16/2020 12:24 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44




5

5

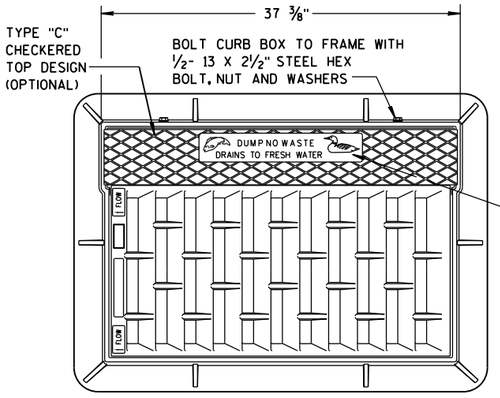
| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | PLAN AND PROFILE: PARK AVENUE | SHEET 77 | E |
|---|---|---|---|---|---|

# Standard Detail Drawing List

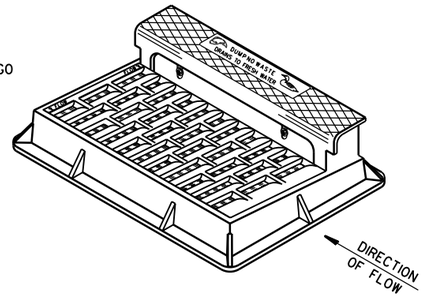
| | |
|---|---|
| 08A05-19A | INLET COVERS TYPE A, H, A-S, H-S & Z |
| 08A05-19B | INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM |
| 08A05-19D | INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L & M |
| 08A09-02 | CATCH BASINS 2X3-FT AND 2.5X3-FT |
| 08B09-02 | MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER |
| 08C08-02 | INLETS MEDIAN 1 AND 2 GRATE |
| 08D01-22A | CONCRETE CURB & GUTTER |
| 08D01-22B | CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS |
| 08D05-20A | CURB RAMPS TYPES 1 AND 1-A |
| 08D05-20B | CURB RAMPS TYPES 2 AND 3 |
| 08D05-20C | CURB RAMPS TYPES 4A AND 4A1 |
| 08D05-20D | CURB RAMPS TYPE 4B AND 4B1 |
| 08D05-20E | CURB RAMPS TYPES 5, 6, 7A, 7B & 8 |
| 08D05-20F | CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS |
| 08D05-20G | CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES |
| 08D18-02 | DRIVEWAY AND SIDEWALK RAMPS TYPES X & Y |
| 08D19-02 | DRIVEWAY AND SIDEWALK RAMPS TYPE Z |
| 08E09-06 | SILT FENCE |
| 08E10-02 | INLET PROTECTION TYPE A, B, C AND D |
| 08E14-01 | TRACKING PAD |
| 08F04-07 | JOINT TIES FOR CONCRETE PIPE  AND CONCRETE COLLAR DETAIL |
| 13C01-19 | CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES |
| 13C13-09 | URBAN DOWELED CONCRETE PAVEMENT |
| 13C18-07A | CONCRETE PAVEMENT JOINTING |
| 13C18-07B | CONCRETE PAVEMENT STEEL REINFORCEMENT |
| 13C18-07C | CONCRETE PAVEMENT JOINT TYPES |
| 13C18-07D | CONCRETE PAVEMENT JOINT TYPES AT UTILITY FIXTURES |
| 15C02-08A | BARRICADES AND SIGNS FOR MAINLINE CLOSURES |
| 15C02-08B | BARRICADES AND SIGNS FOR VARIOUS CLOSURES |
| 15C03-05 | BARRICADES AND SIGNS FOR SIDEROAD CLOSURES |
| 15C05-05 | TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS |
| 15C07-15E | PAVEMENT MARKING FOR BIKE LANES |
| 15C08-20A | LONGITUDINAL MARKING (MAINLINE) |
| 15C11-09B | CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS |
| 15C29-07A | BICYCLE LANE MARKING |
| 15C29-07B | PAVEMENT MARKING FOR SHARED LANE 35 MPH OR LESS |
| 15C33-04 | STOP LINE AND CROSSWALK PAVEMENT MARKING |
| 15C35-04A | PAVEMENT MARKING (INTERSECTIONS) |
| 15D30-06A | TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION |
| 15D30-06B | TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION |
| 15D30-06C | TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION |



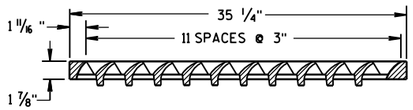
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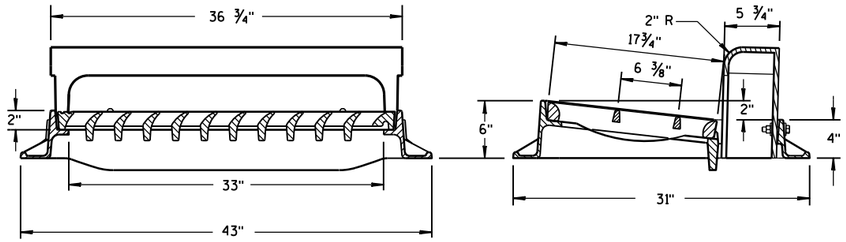


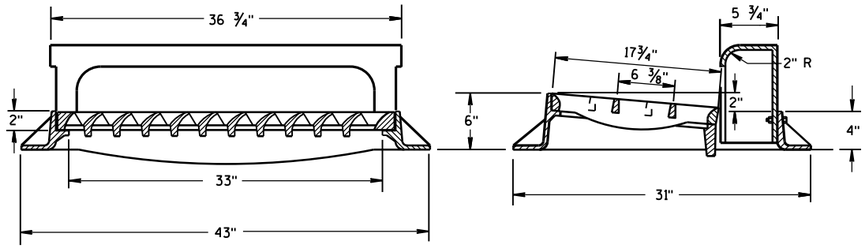

**NOTE:**
**GRATE IS REVERSIBLE.**




NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

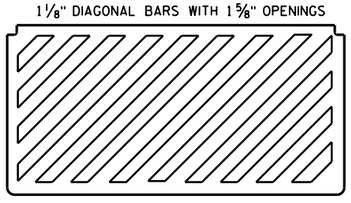



## TYPE "H"

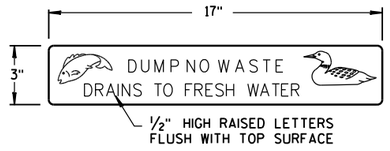
**NOTE: EITHER CASTING IS ACCEPTABLE**



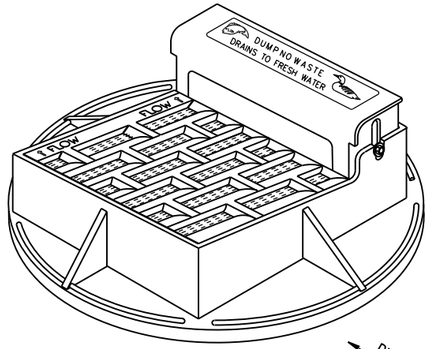

**SPECIAL GRATE FOR TYPE "H" COVER**

(MEASURES 35 1/4" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)




**LOGO DETAIL**




NOTE: CURB BOX ADJUSTABLE 4" TO 9"

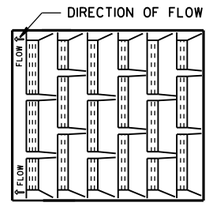
**NOTE:**
**GRATE IS REVERSIBLE.**

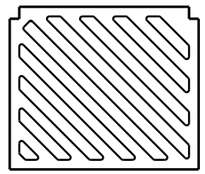
## GENERAL NOTES

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.

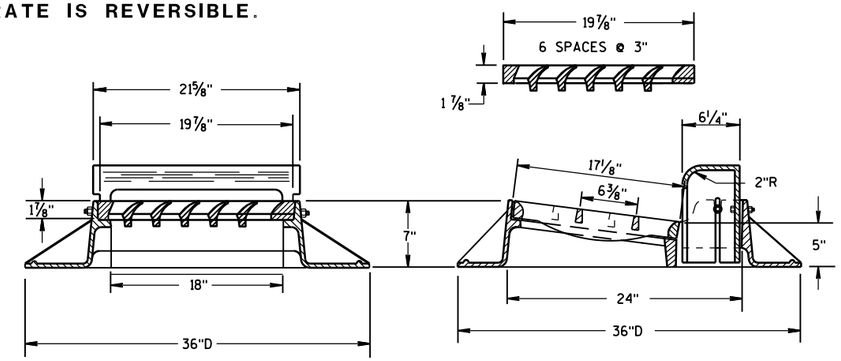


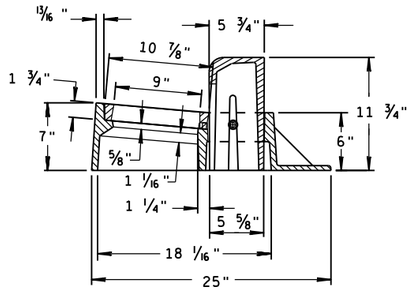

**SPECIAL GRATE FOR TYPE "A" COVER**

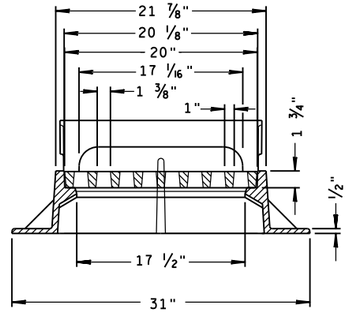
(MEASURES 19 3/4" X 17" X 1 7/8")

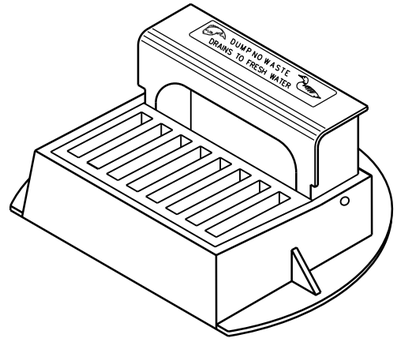
(NOTED AS TYPE A-S ON DRAINAGE TABLE)




## TYPE "A"




## TYPE "Z"

**INLET COVERS**
**TYPE A, H, A-S, H-S & Z**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

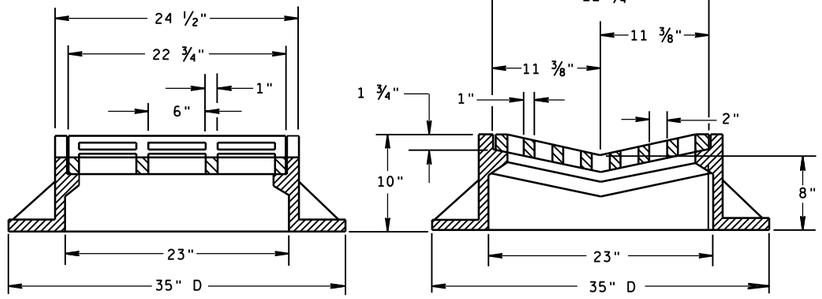
APPROVED
11-27-13 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

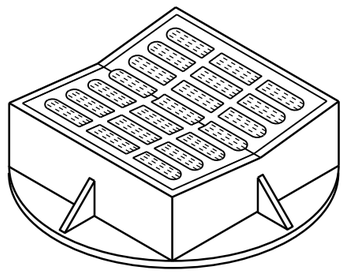




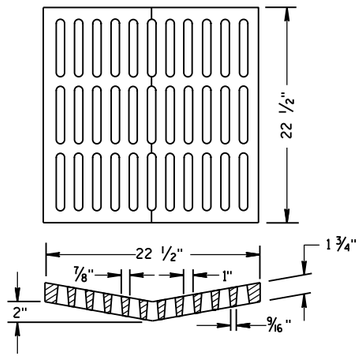
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S.D.D. 8 A 5-19a



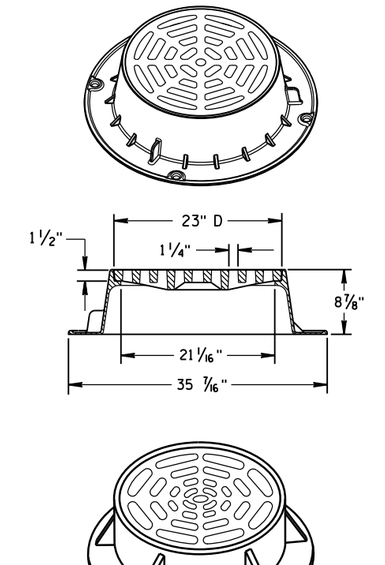



TYPE "B"




ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS POSSIBLE.
NOTED AS TYPE B-A ON THE DRAINAGE TABLE




TYPE "C"

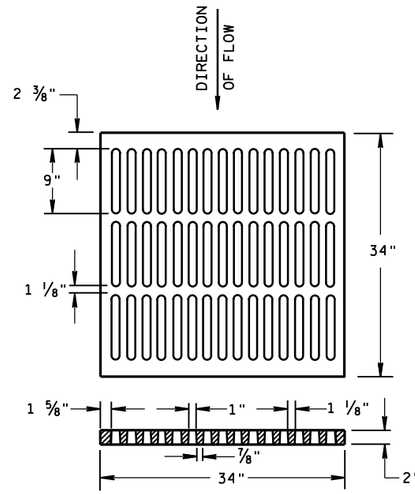
NOTE: EITHER CASTING IS ACCEPTABLE

## 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.

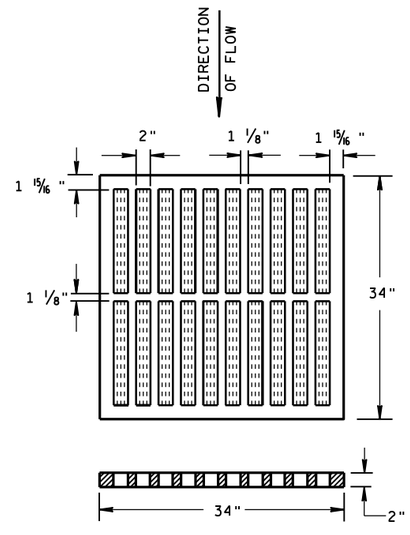
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

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



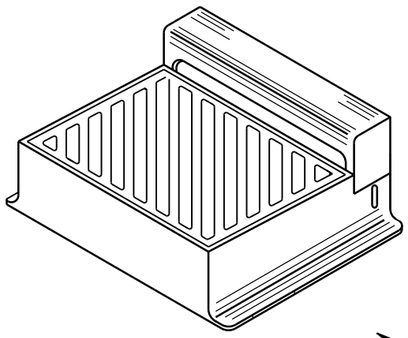

ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE

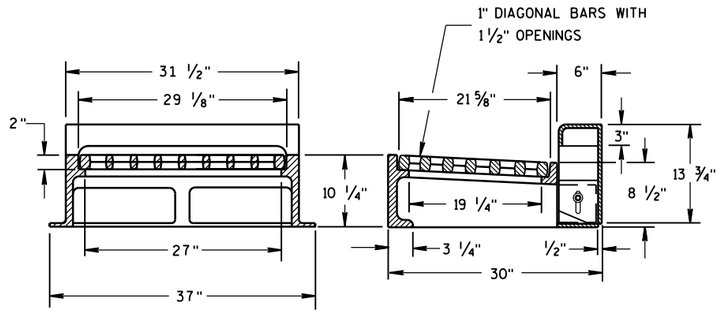



TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS
NOTED AS TYPE MS ON DRAINAGE TABLE




DIAGONAL SLOTS, SHALL BE ORIENTED TO THE DIRECTION OF FLOW AS ILLUSTRATED. GRATES ARE MANUFACTURED TO BE REVERSIBLE.




NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

TYPE "WM"

# INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM

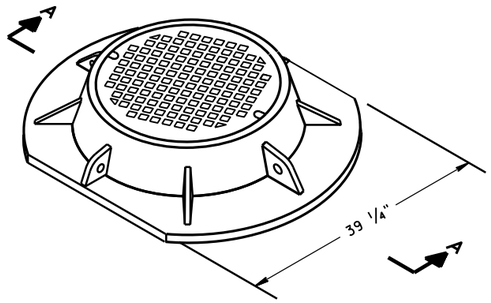
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

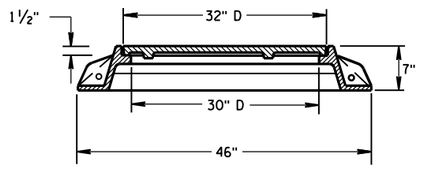
APPROVED
11/27/2013 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA



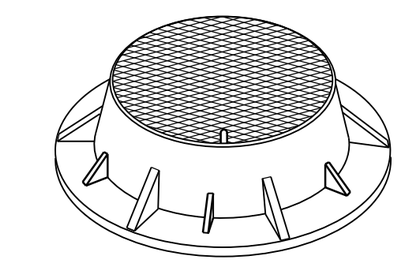
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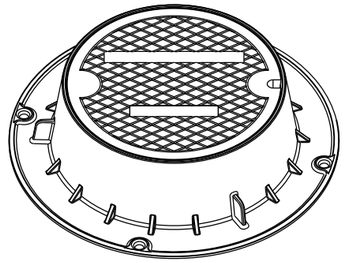
S.D.D. 8 A 5-19b

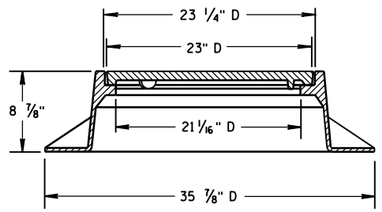


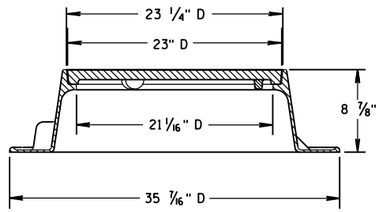




SECTION A-A
TYPE "K"







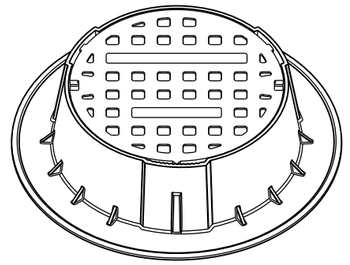

TYPE "J"
NOTE: EITHER CASTING IS ACCEPTABLE

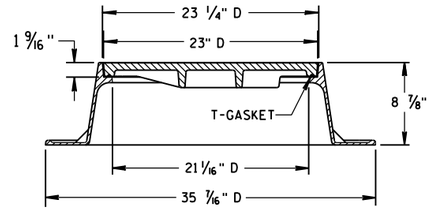
## GENERAL NOTES

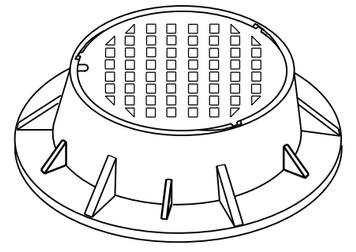
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

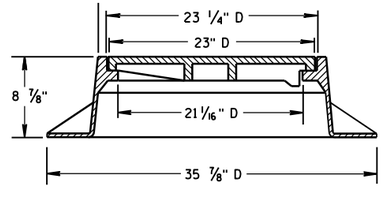
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

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

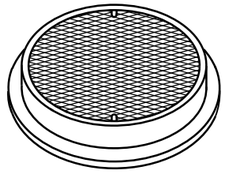


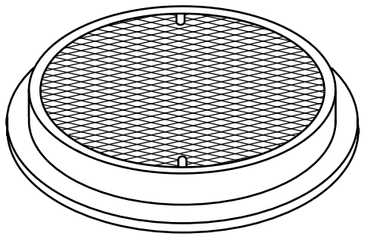


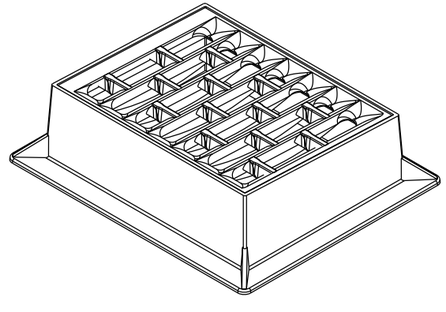



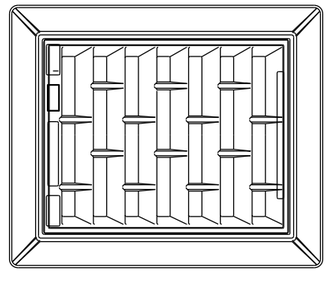


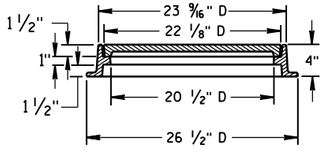

TYPE "J" SPECIAL
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)
NOTE: EITHER CASTING IS ACCEPTABLE



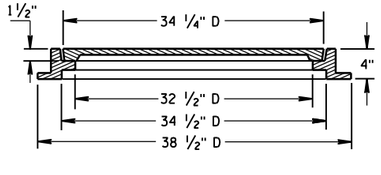




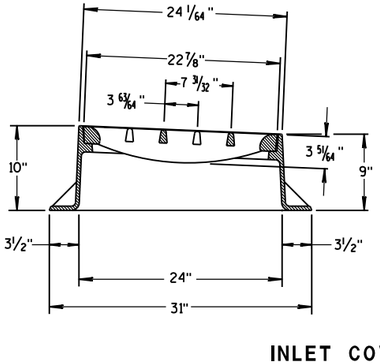


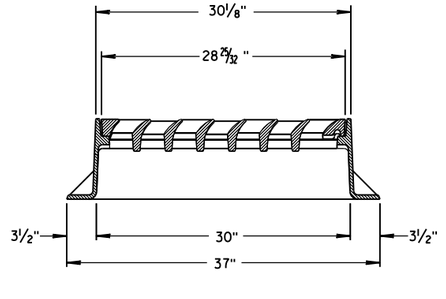



TYPE "L"




TYPE "M"




INLET COVER TYPE "BW"

INLET COVER TYPE BW
MANHOLE COVERS, TYPE K, J, J-S, L & M

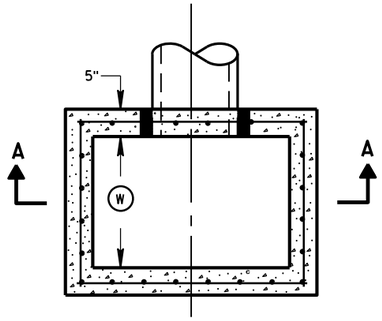
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

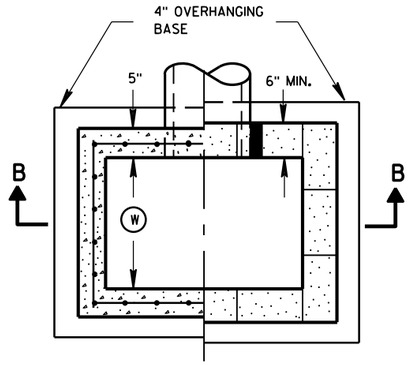



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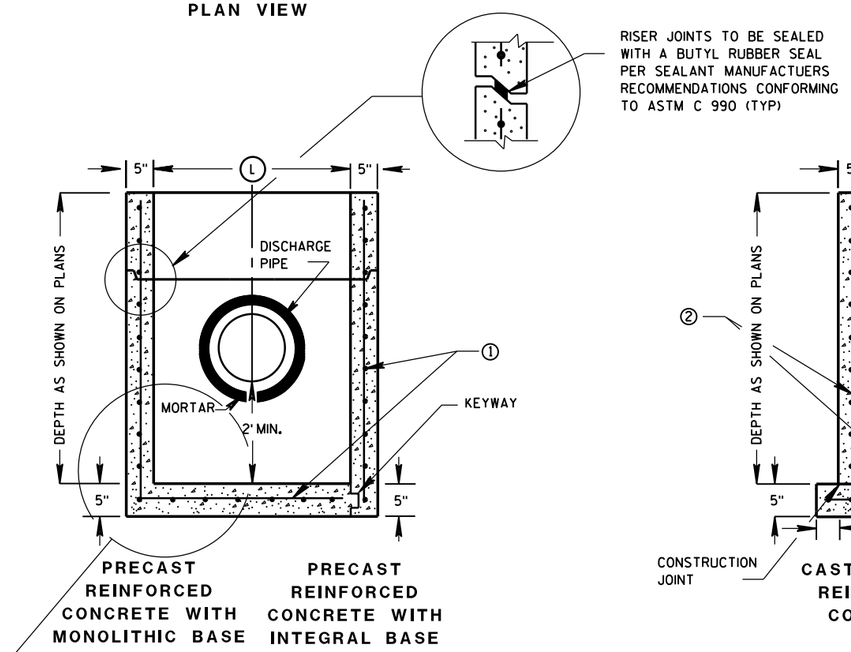

S.D.D. 8 A 5-19d



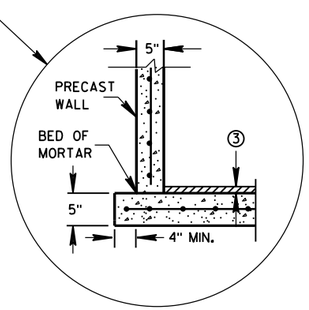

PLAN VIEW



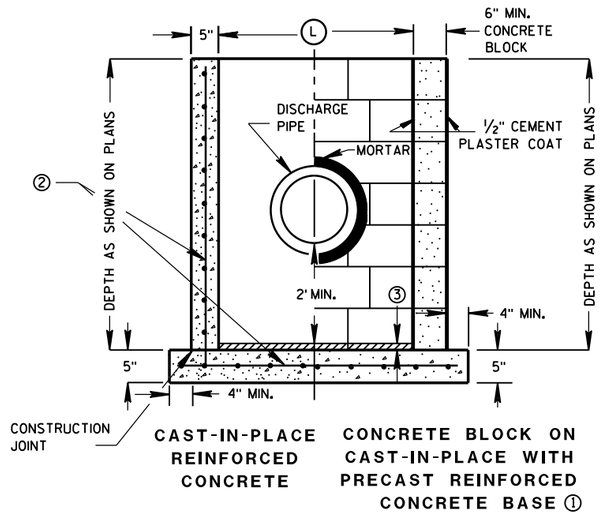

PLAN VIEW




SECTION A-A




SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION




SECTION B-B

## 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.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST CATCH BASIN 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 CATCH BASIN 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 CATCH BASINS 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.

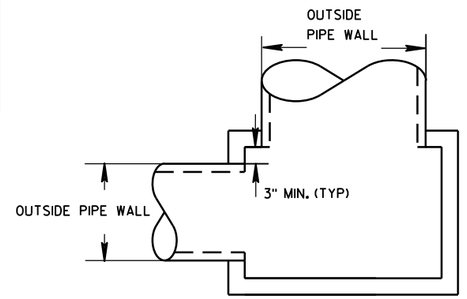
③ 1" CONCRETE KEY POURED AFTER INSTALLATION. 2' SUMP MEASURED FROM TOP OF KEY.

### CATCH BASIN COVER MATRIX

| CATCH BASIN SIZE | | INLET COVER TYPE | F | ALL H'S |
|---|---|---|---|---|
| | WIDTH (W) (FT) | LENGTH (L) (FT) | | |
| 2X3-FT | 2 | 3 | | X |
| 2.5X3-FT | 2.5 | 3 | X | |

### PIPE MATRIX

| CATCH BASIN SIZE | MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES | |
|---|---|---|
| | WIDTH (IN) | LENGTH (IN) |
| 2X3-FT | 12 | 24 |
| 2.5X3-FT | 18 | 24 |




DETAIL "A"

# CATCH BASINS 2X3-FT AND 2.5X3-FT

CATCH BASINS 2X3-FT AND 2.5X3-FT

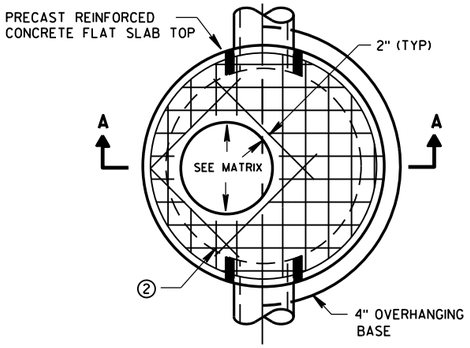
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DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVISOR
FHWA

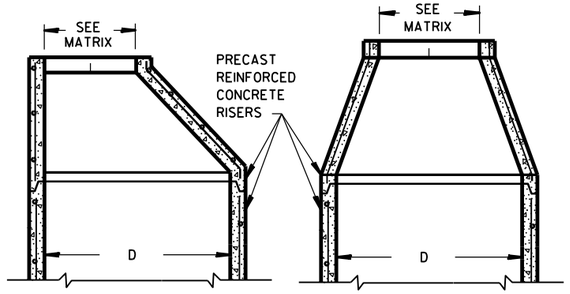



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S.D.D. 8 A 9-2

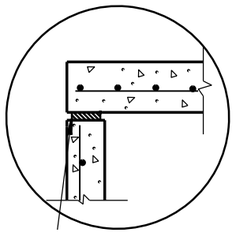



PLAN VIEW CIRCULAR OPENING

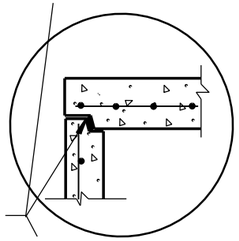



OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP

OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

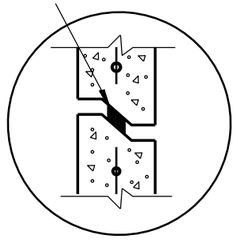


TOP WITH PLAIN END JOINT



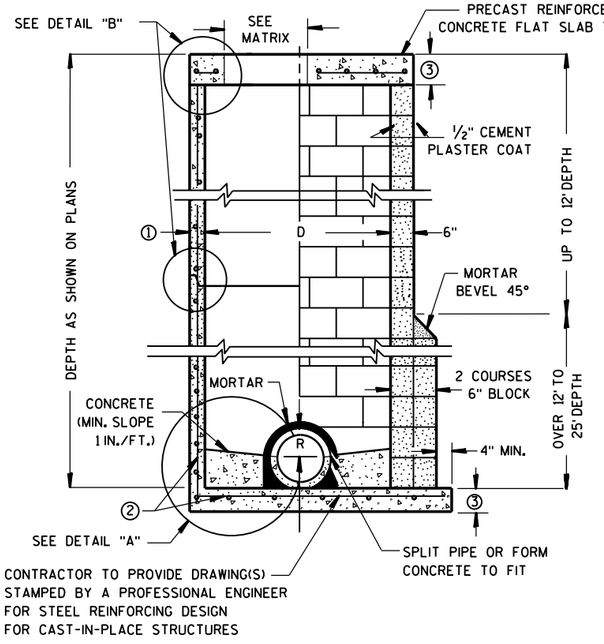
JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C990 (TYP)

TOP WITH TONGUE AND GROOVE JOINT



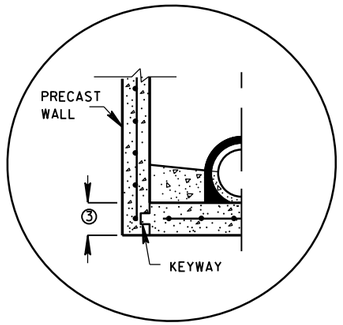
RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

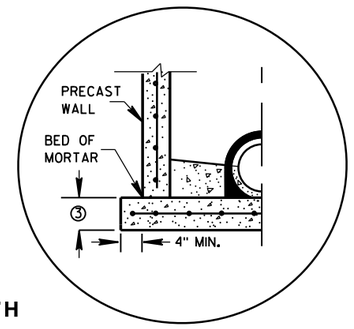



PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

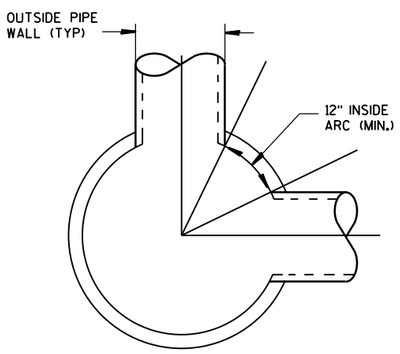



PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION




SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"




DETAIL "C"

## 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.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST MANHOLE 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 DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE 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.

PRECAST REINFORCED CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES, AND CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½" AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

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

CONCRETE BLOCK WILL NOT BE PERMITED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

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

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

4" OVERHANGING BASES ARE REQUIRED FOR ALL 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.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT, 5 INCHES FOR 4-FT, 6 INCHES FOR 5-FT, 7 INCHES FOR 6-FT, 8 INCHES FOR 7-FT AND 9 INCHES FOR 8-FT DIAMETER PRECAST MANHOLES.

② FOR PRECAST MANHOLES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

③ PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER OF 48" AND LESS SHALL HAVE A MINIMUM THICKNESS OF 6". PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER LARGER THAN 48" SHALL HAVE A MINIMUM THICKNESS OF 8".

## MANHOLE COVER OPENING MATRIX

| MANHOLE COVER TYPE | C | ALL J'S | K | L | M |
|---|---|---|---|---|---|
| OPENING SIZE (FT) | | | | | |
| 2 DIA. | X | X | | X | |
| 3 DIA. | | | X | | X |

## PIPE MATRIX

| MANHOLE SIZE | MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES | |
|---|---|---|
| | 180° SEPARATION (IN) | 90° SEPARATION (IN) |
| 3-FT | 15 | 12 |
| 4-FT | 24 | 18 |
| 5-FT | 36 | 24 |
| 6-FT | 42 | 36 |
| 7-FT | 48 | 36 |
| 8-FT | 60 | 42 |

MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER

STATE OF WISCONSIN
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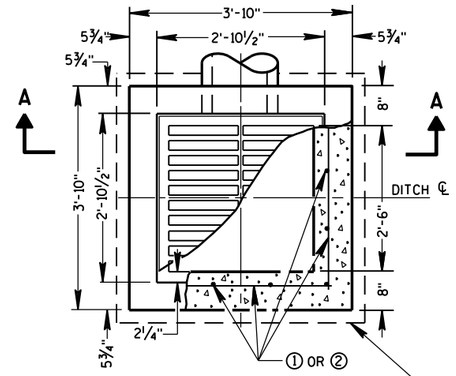
Sept., 2016
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERV

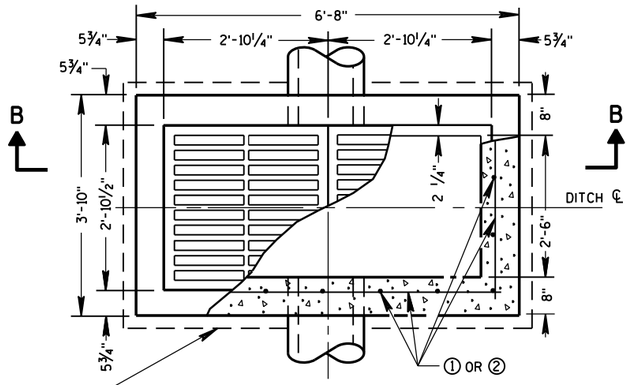
FHWA




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S.D.D. 8 B 9-2

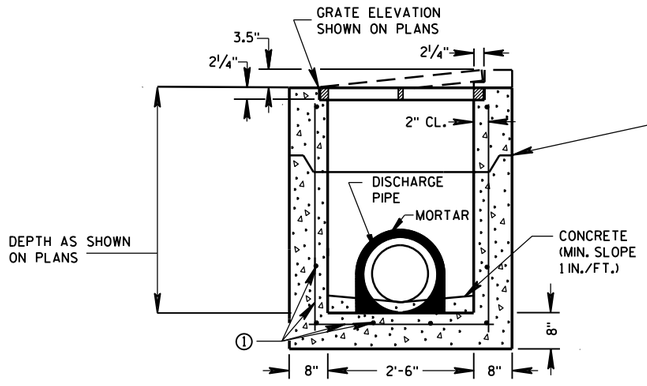



PLAN VIEW

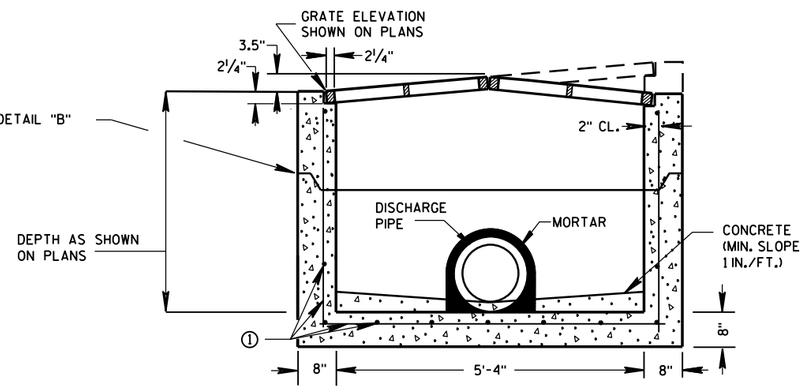



PLAN VIEW

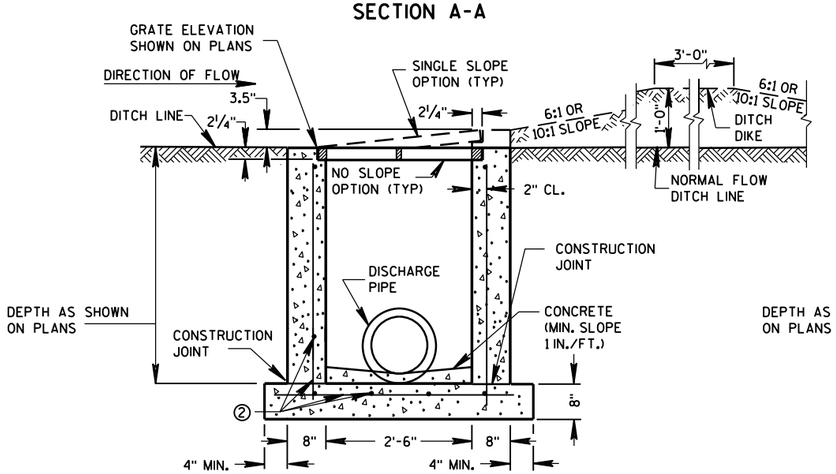
4" OVERHANGING BASE ON REINFORCED CAST-IN-PLACE CONCRETE INLETS



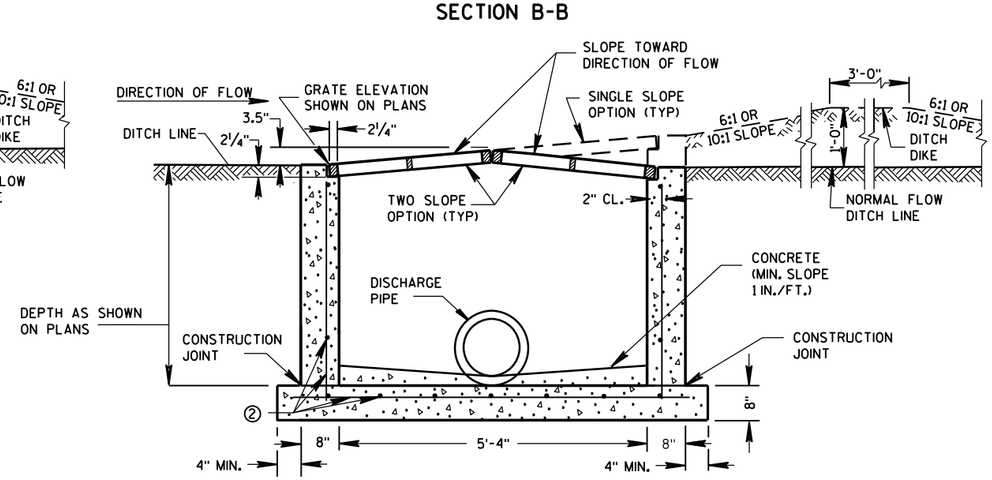

PRECAST REINFORCED CONCRETE SECTION A-A




PRECAST REINFORCED CONCRETE SECTION B-B




REINFORCED CAST-IN-PLACE CONCRETE SECTION A-A




REINFORCED CAST-IN-PLACE CONCRETE SECTION B-B

## INLETS MEDIAN 1 GRATE

## INLETS MEDIAN 2 GRATE

# GENERAL NOTES

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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 INLETS WHICH MAY INCLUDE PRECAST REINFORCED CONCRETE INLETS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL MEDIAN INLETS ARE DESIGNATED ON THE PLANS AS "INLETS, 1G-MS", ETC. THE FIRST NUMBER AND LETTER DESIGNATE THE TYPE OF STRUCTURE, AND THE FOLLOWING LETTERS DESIGNATE 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.

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

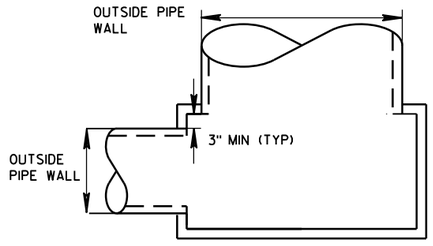
MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS 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.

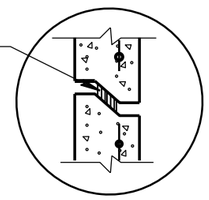
## PIPE MATRIX

| | MAXIMUM INSIDE PIPE DIAMETER | |
|---|---|---|
| INLET SIZE | WIDTH (IN) | LENGTH (IN) |
| 1 GRATE | 18 | 18 |
| 2 GRATE | 18 | 42 |




DETAIL "A"

JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP)



DETAIL "B"

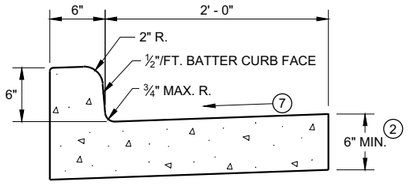
INLETS MEDIAN 1 AND 2 GRATE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

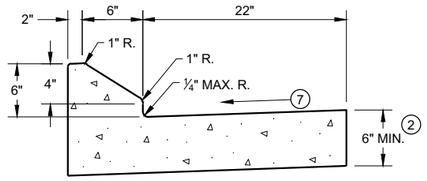
APPROVED
Sept., 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVI ENT
FHWA



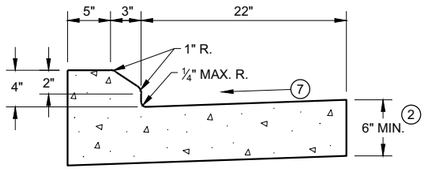

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S.D.D. 8 C 8-2



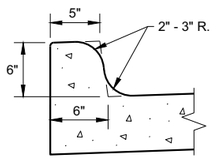

TYPES A (1) & D



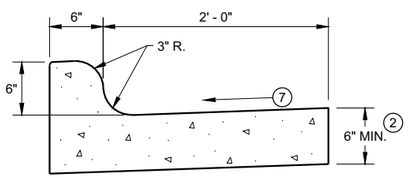

6" SLOPED CURB TYPES G (1) & J




4" SLOPED CURB TYPES G (1) & J

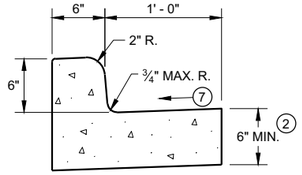



TYPES K (1) & L
(OPTIONAL CURB SHAPE)



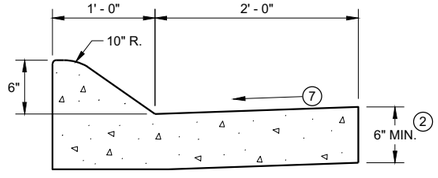

TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"




TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

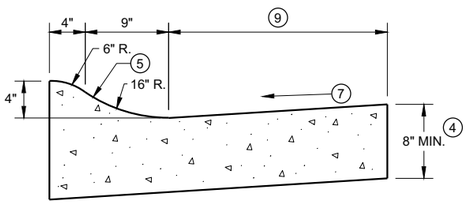



6" SLOPED CURB TYPES A (1) & D



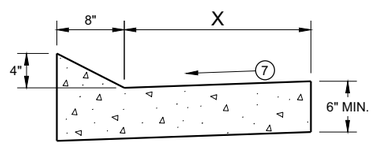

4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"




4" SLOPED CURB TYPES R (1) & T

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

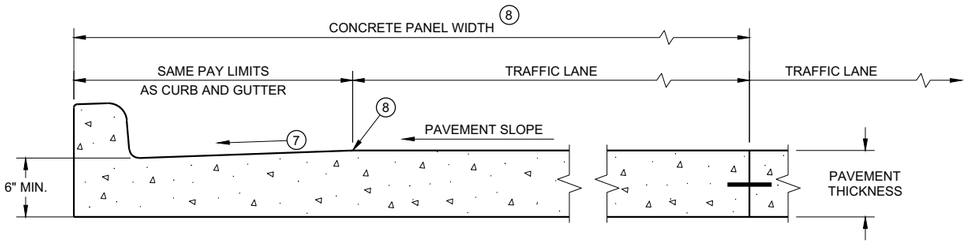



TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

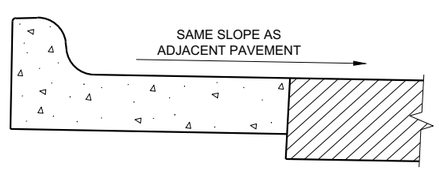
**PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE**

| 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.

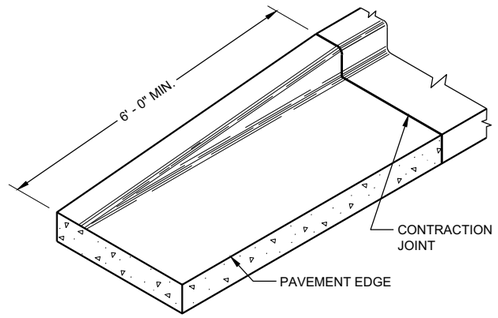
(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

(9) CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE "R" AND "T" = 17 INCHES
CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE "R" AND "T" = 23 INCHES

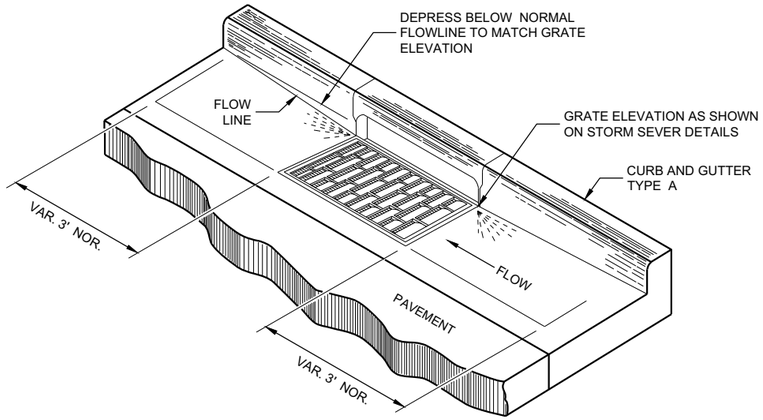
**CONCRETE CURB AND GUTTER**

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DEPARTMENT OF TRANSPORTATION


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SDD 08D01 - 22a




**END SECTIONCURB 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.

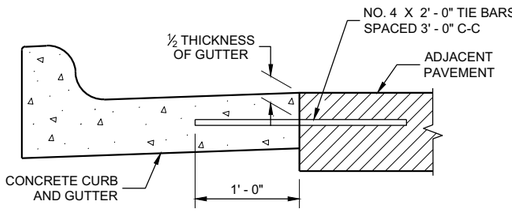
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

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

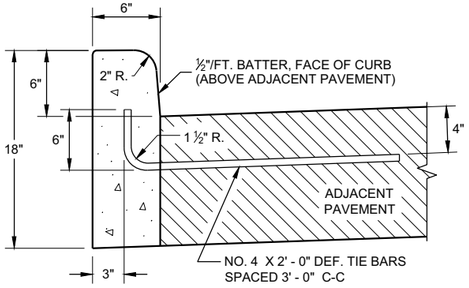
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(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.

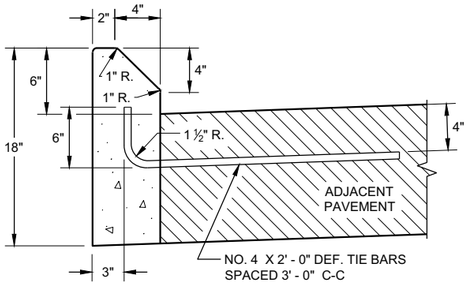
(9) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.




**TYPICAL TIE BAR LOCATION (1)**

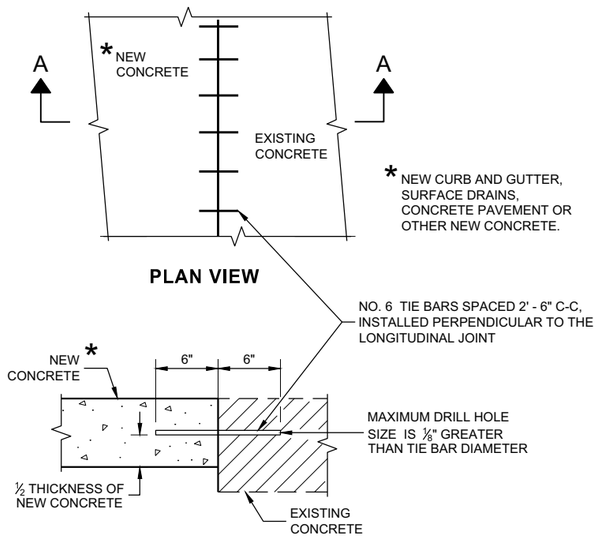



**TYPES A (1) & D**




**TYPES G (1) & J**

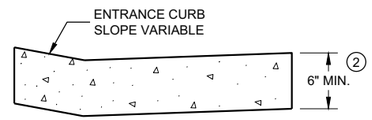
**CONCRETE CURB**




**PLAN VIEW**

**SECTION A - A**

**TIE BARS DRILLED INTO EXISTING PAVEMENT**




**DRIVEWAY ENTRANCE CURB (9)**
(WHEN DIRECTED BY THE ENGINEER)

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

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DEPARTMENT OF TRANSPORTATION

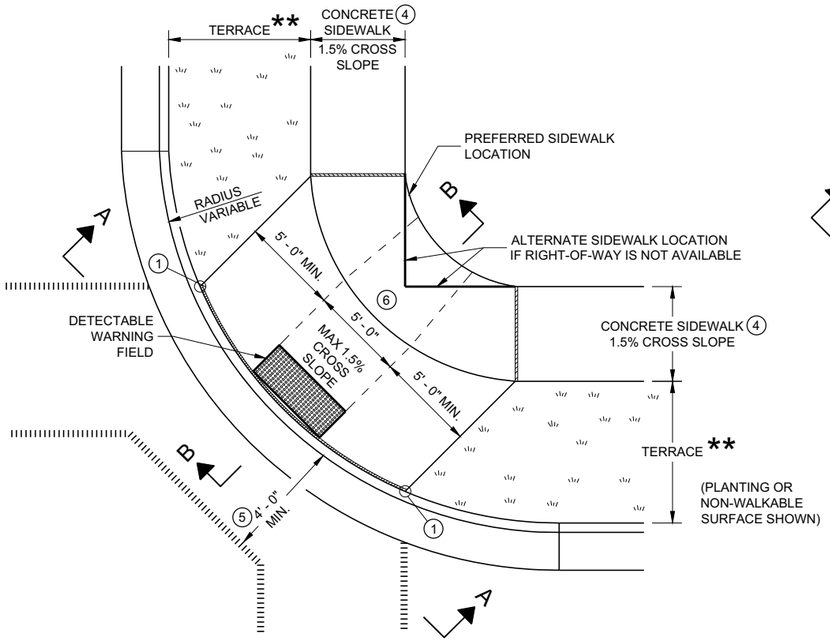
APPROVED
February 2021 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA




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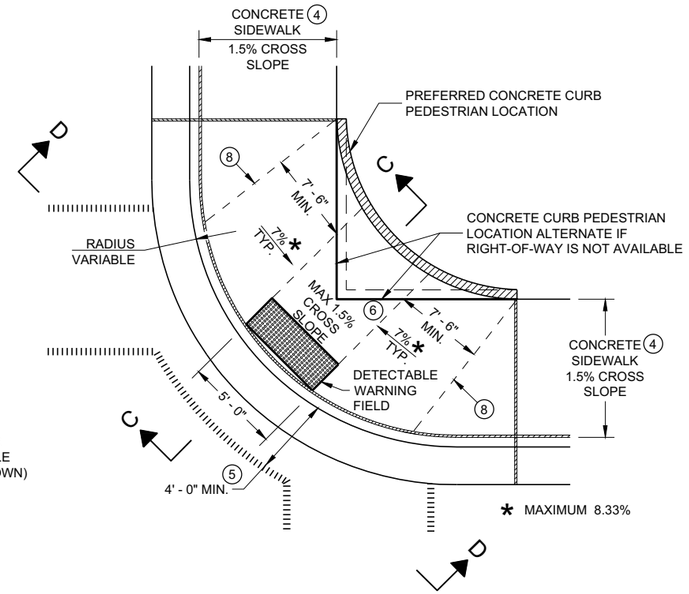
SDD08D01 - 22b




**PLAN VIEW**

## CURB RAMP TYPE 1

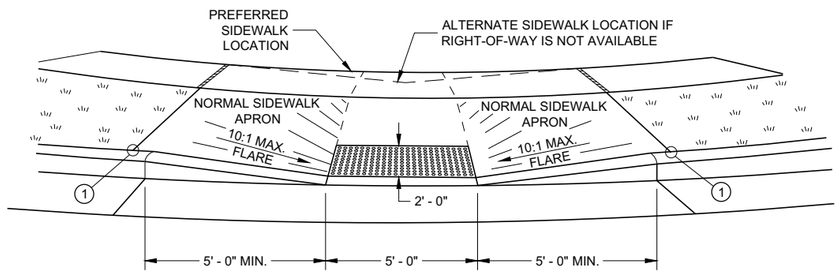
**(CENTER OF CORNER RADIUS)**



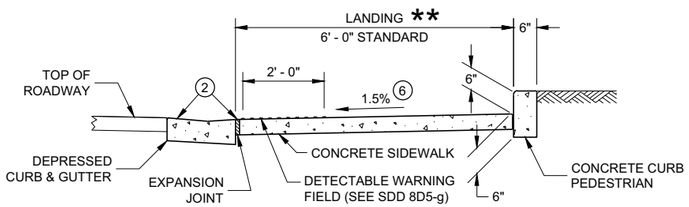

**PLAN VIEW**

## CURB RAMP TYPE 1 - A

**(NO TERRACE)**

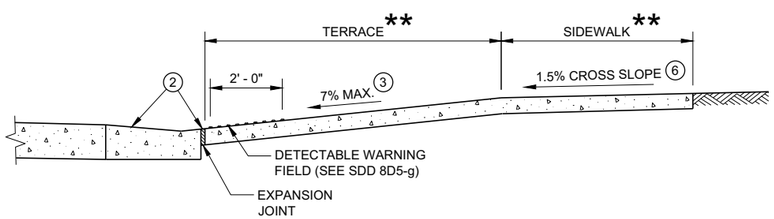



**VIEW A - A FOR TYPE 1**

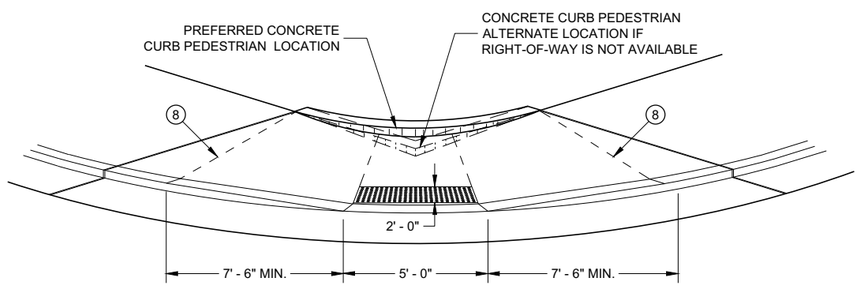



**SECTION C - C FOR TYPE 1 - A**

** WIDTH SHOWN ELSEWHERE IN THE PLANS




**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 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 RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF 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 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 FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA.

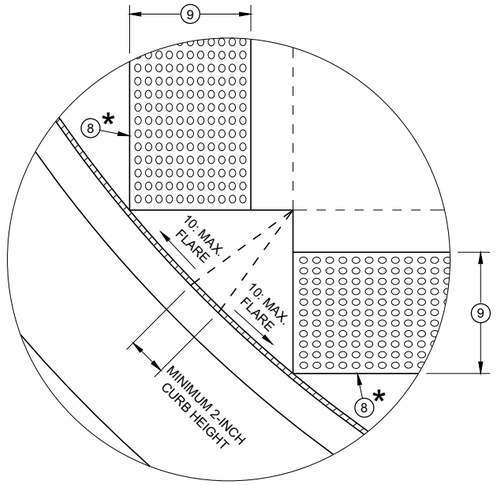
(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

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

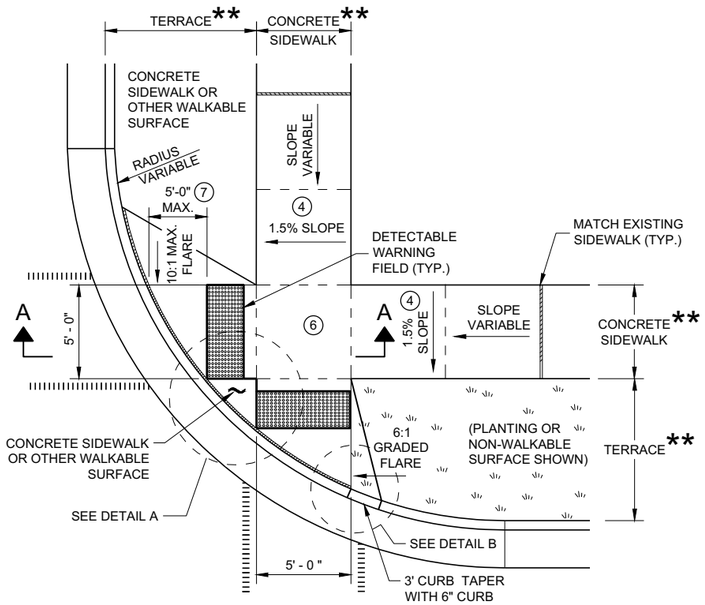
## LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

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




**DETAIL A**




**PLAN VIEW**
**CURB RAMP TYPE 2**
**(CENTER OF CORNER RADIUS)**

## GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF 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 FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE (2.67% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE.

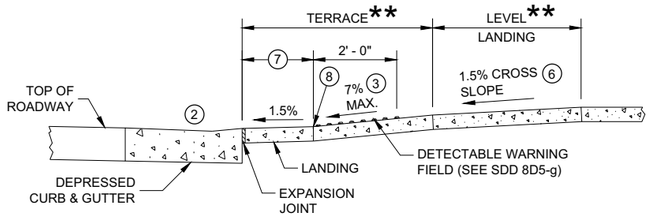
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET X 5 FEET.

(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.

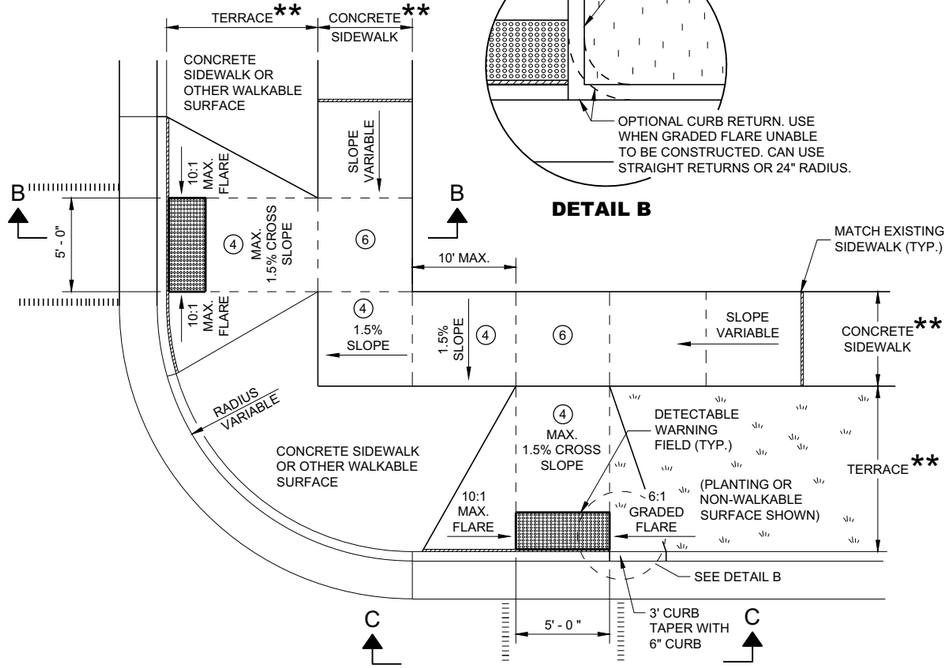
(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.




**SECTION A - A FOR TYPE 2**

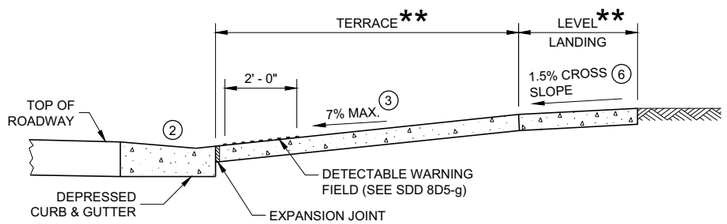
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS




**DETAIL B**

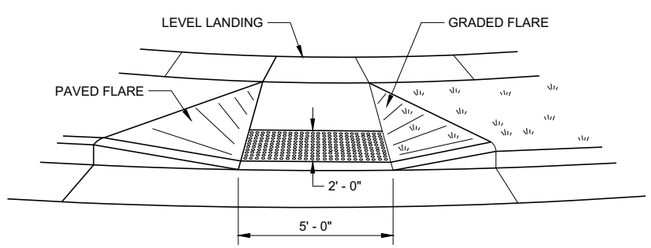
**PLAN VIEW**
**CURB RAMP TYPE 3**
**(OUTSIDE OF CROSSWALK AREA)**




**SECTION B - B FOR TYPE 3**

## LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)




**VIEW C - C FOR TYPE 3**

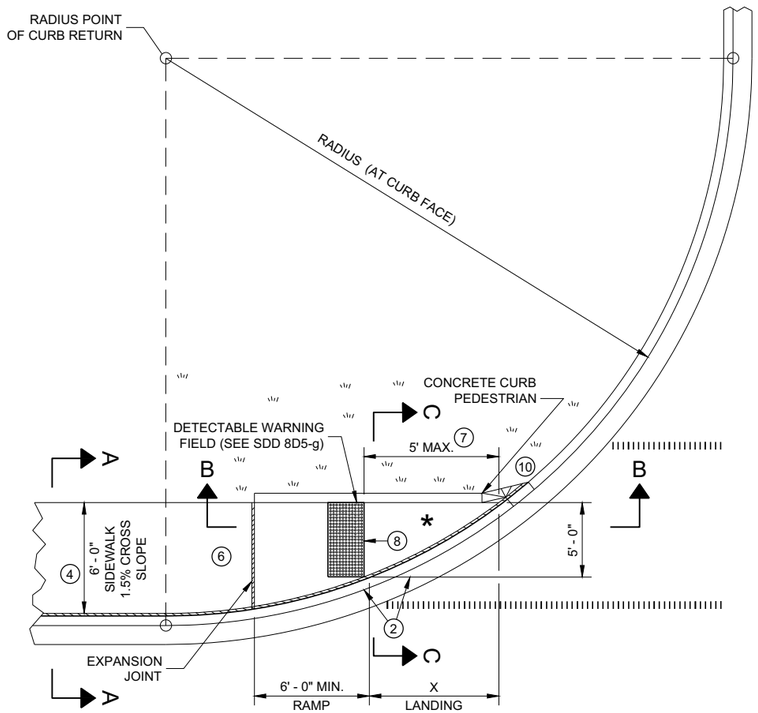
**CURB RAMPS TYPE 2 AND 3**

STATE OF WISCONSIN
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SDD 08D05 - 20b

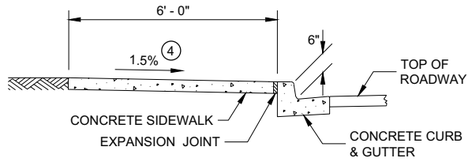



**PLAN VIEW**

**CURB RAMP TYPE 4A**

| RADIUS (AT CURB FACE) | X |
|---|---|
| 10 FEET | 4' - 7" |
| 15 FEET | 6' - 5½" |

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 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 FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(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.

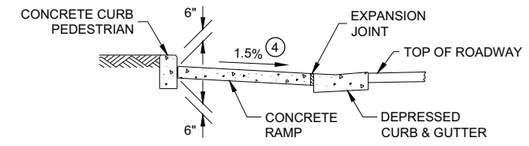
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

## LEGEND

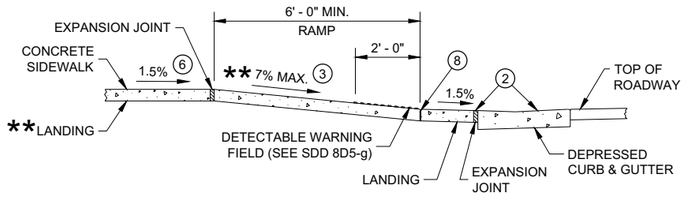
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)



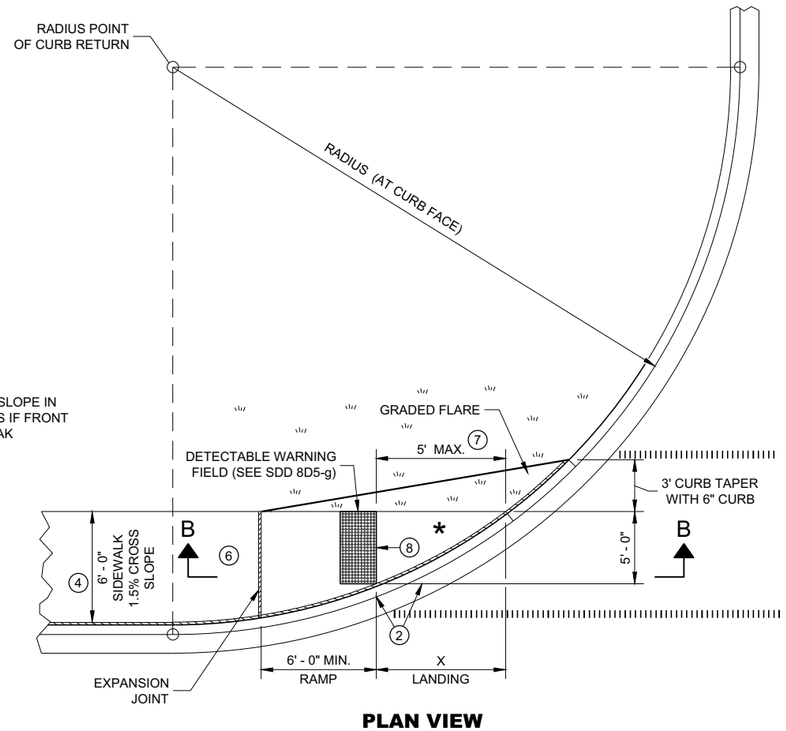

**SECTION C - C FOR TYPE 4A**




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

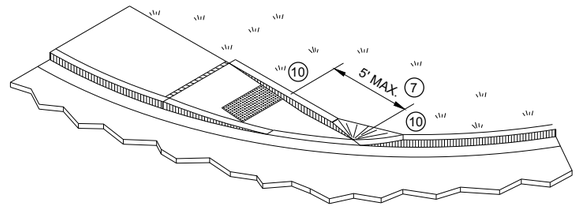
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

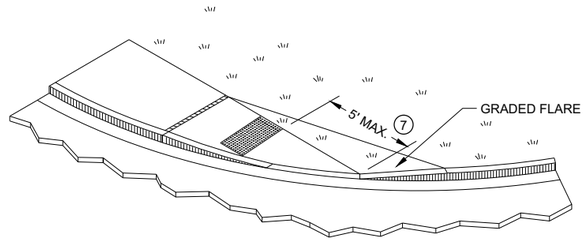



**PLAN VIEW**

**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

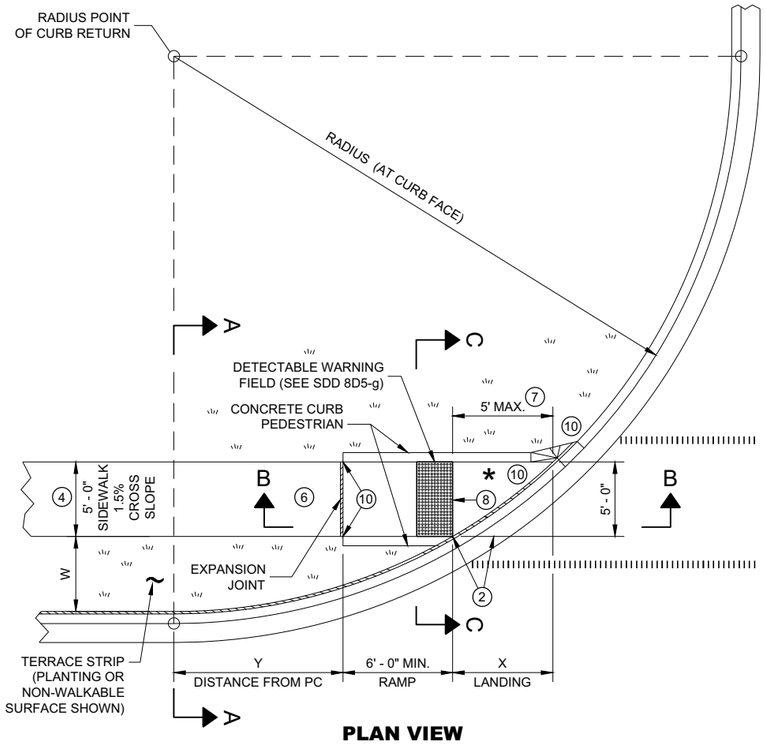




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SDD 08D05 - 20c




**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 | 5' - 9 ¾" | 3' - 6 ½" | 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 | | | 6' - 9 ¼" | 7' - 11 ¼" | 6' - 0 ¼" | 9' - 8" | 5' - 5" | 11' - 1 ¾" | 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 | | | | | | | | | 6' - 1 ¾" | 15' - 8 ½" | 5' - 8" | 17' - 2" | 5' - 3" | 18' - 5 ¾" | 4' - 10 ¾" | 19' - 8 ¼" |
| 50 FEET | | | | | | | | | | | | | | | 5' - 10 ¼" | 23' - 2" |

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)

## GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF 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 FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

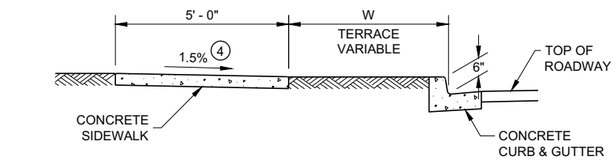
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

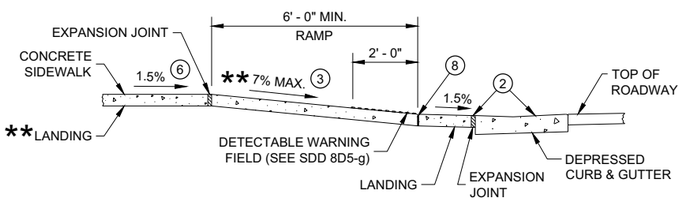
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

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

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



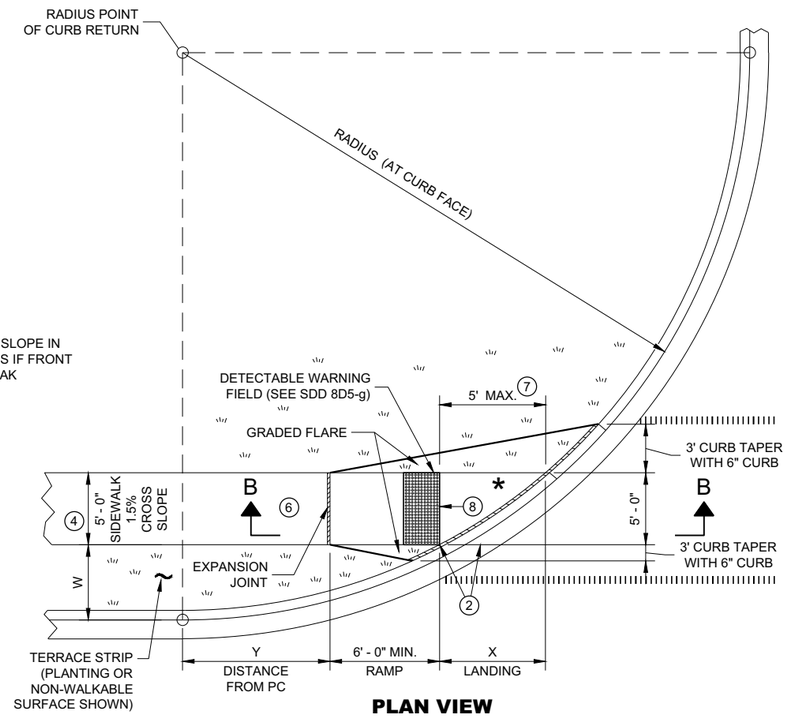

**SECTION A - A FOR TYPE 4B**




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

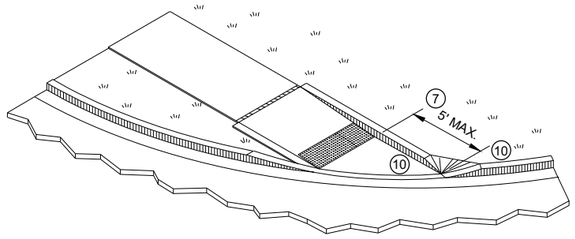
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

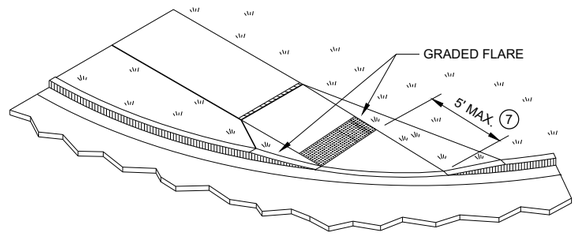



**PLAN VIEW**

**CURB RAMP TYPE 4B1**




**ISOMETRIC VIEW FOR TYPE 4B**




**ISOMETRIC VIEW FOR TYPE 4B1**

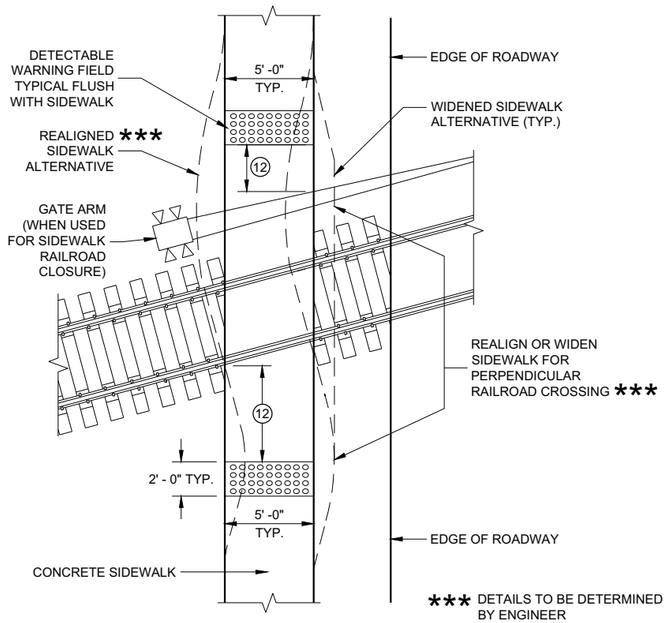
**CURB RAMPS TYPE 4B AND 4B1**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



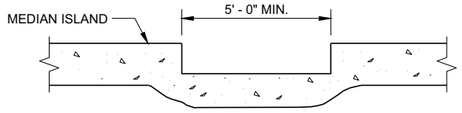

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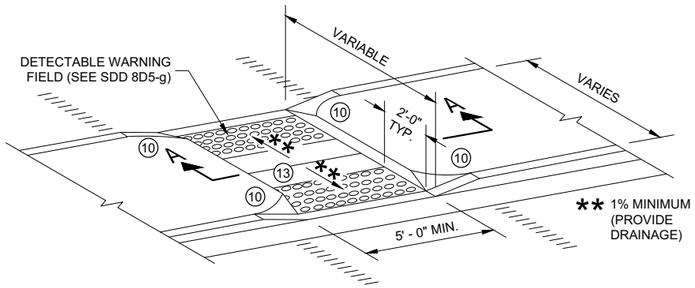



## CURB RAMP TYPE 8

### DETECTABLE WARNINGS AT RAILROAD CROSSING




## 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 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%.

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

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ½ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

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

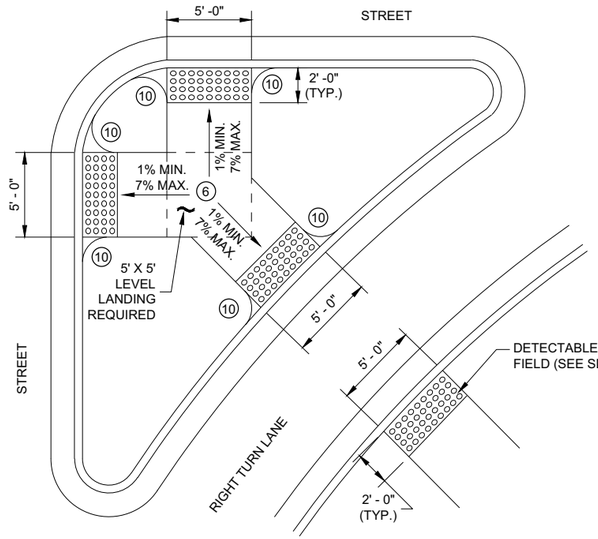
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 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.

## LEGEND

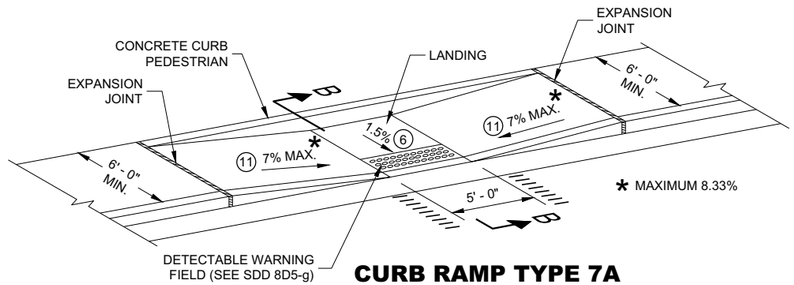
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)




## CURB RAMP TYPE 6

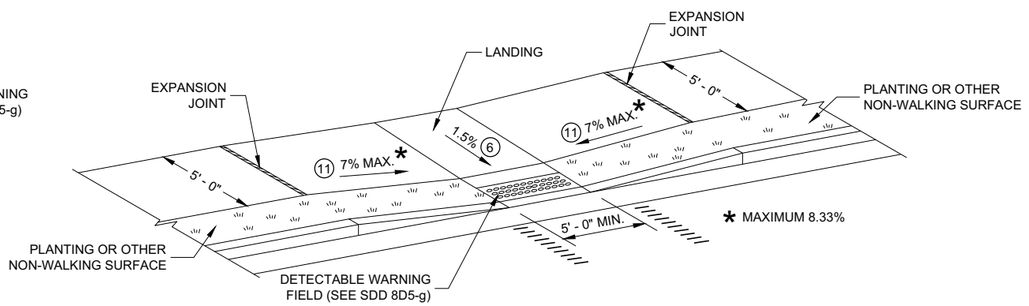
### DETECTABLE WARNING AT ISLANDS

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




## CURB RAMP TYPE 7A

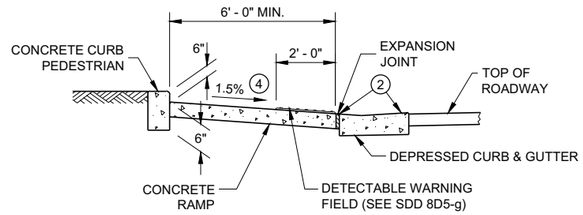
### MID BLOCK CROSSING




## CURB RAMP TYPE 7B

### MID BLOCK CROSSING

NOTE: THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS.




## SECTION B - B FOR TYPE 7A

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

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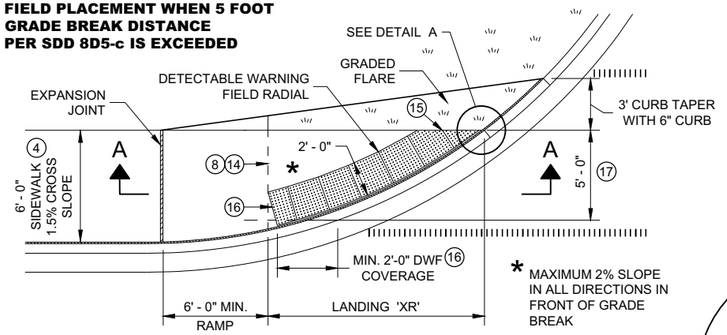


6



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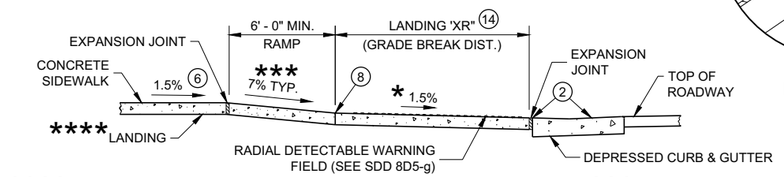
**RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED**




**PLAN VIEW**

## CURB RAMP TYPE 4A1

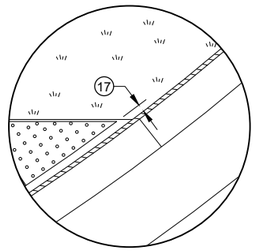
**(GRADE BREAK DISTANCE GREATER THAN 5 FEET)**




**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

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




**DETAIL A**

## LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

## GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF 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 FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

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

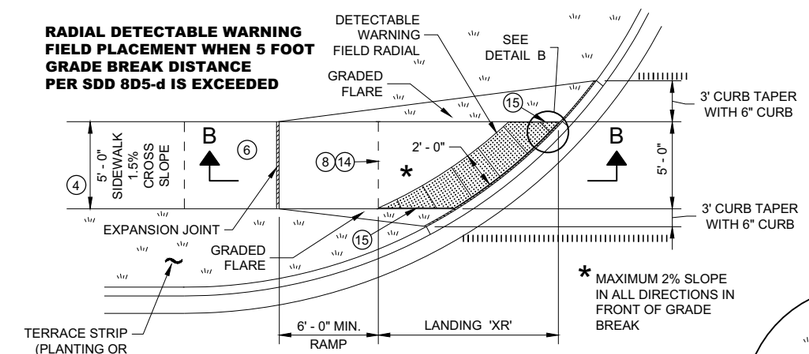
(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(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 3 INCH CONCRETE BORDER WITH IS ALLOWABLE IN FROM OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

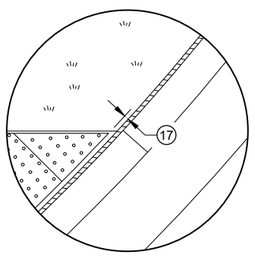
**RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED**



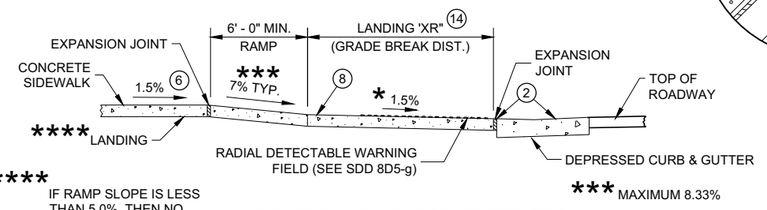

**PLAN VIEW**

## CURB RAMP TYPE 4B1

**(GRADE BREAK DISTANCE GREATER THAN 5 FEET)**




**DETAIL B**

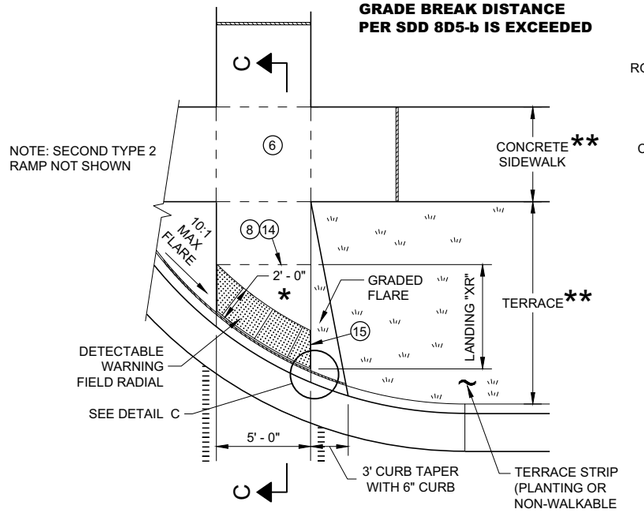



**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

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

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

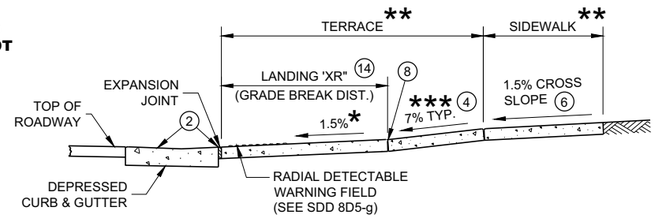



**PLAN VIEW**

## CURB RAMP TYPE 2

**(GRADE BREAK DISTANCE GREATER THAN 5 FEET)**

**(ON LINE WITH SIDEWALK)**

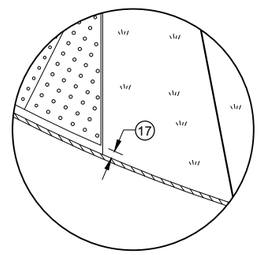



**SECTION C - C FOR TYPE 2**

* MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** MAXIMUM 8.33%




**DETAIL C**

## CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS

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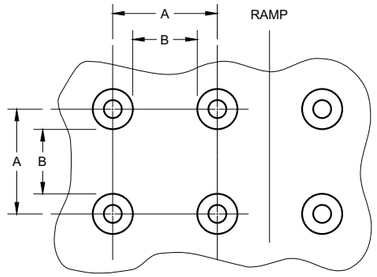




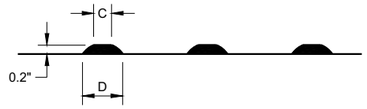
SDD 08D05 - 20f

| | 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.

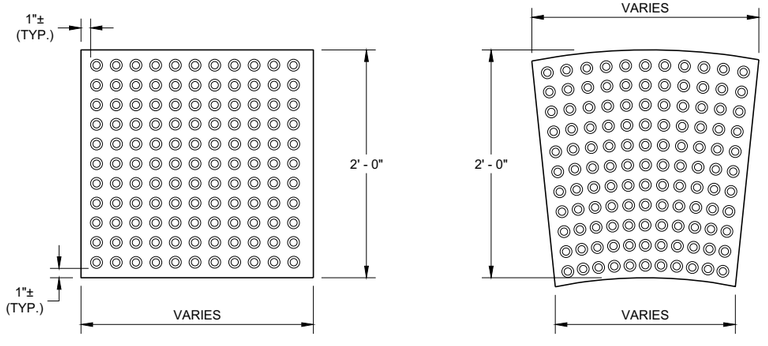



**PLAN VIEW**




**ELEVATION VIEW**

## TRUNCATED DOMES
### DETECTABLE WARNING PATTERN DETAIL




**RECTANGULAR PLATES**

**RADIAL PLATES**

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

## 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.

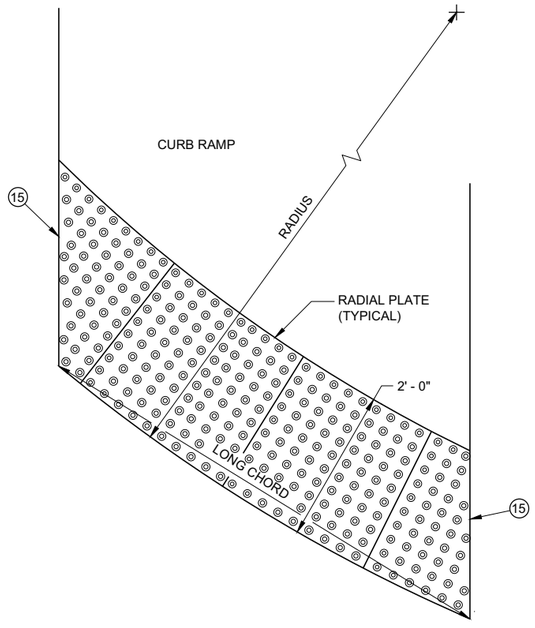
DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

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.

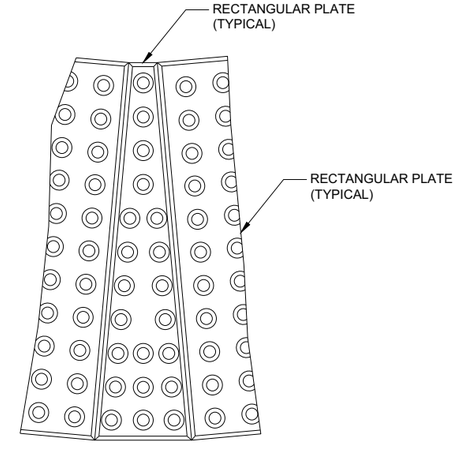
REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

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.




**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

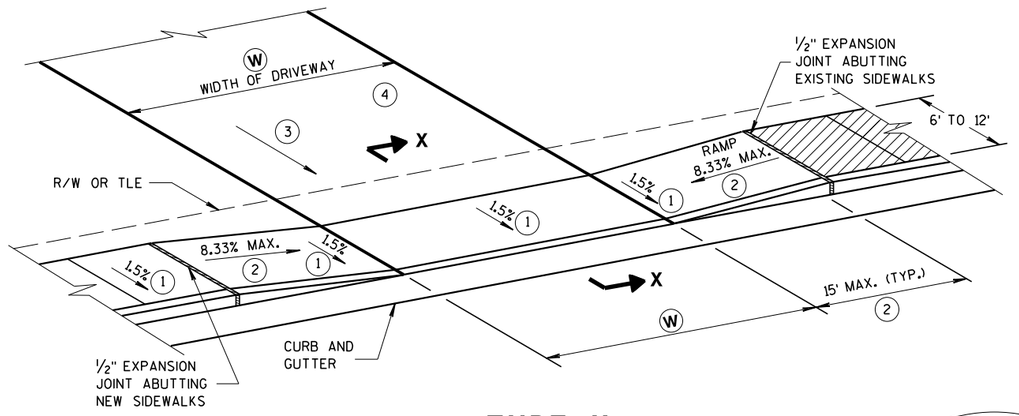
APPROVED
May 2019
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE UNIT SUPERVISOR

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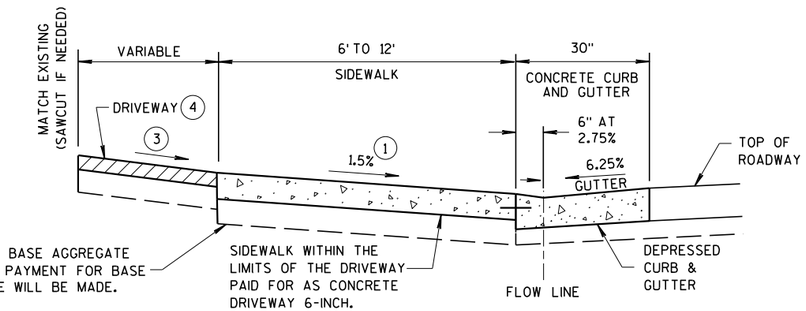


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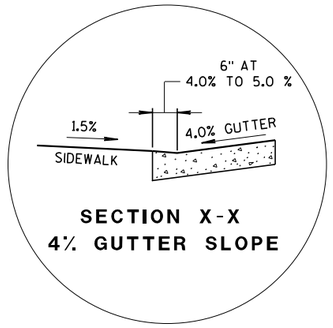
SDD 08D05 - 20g



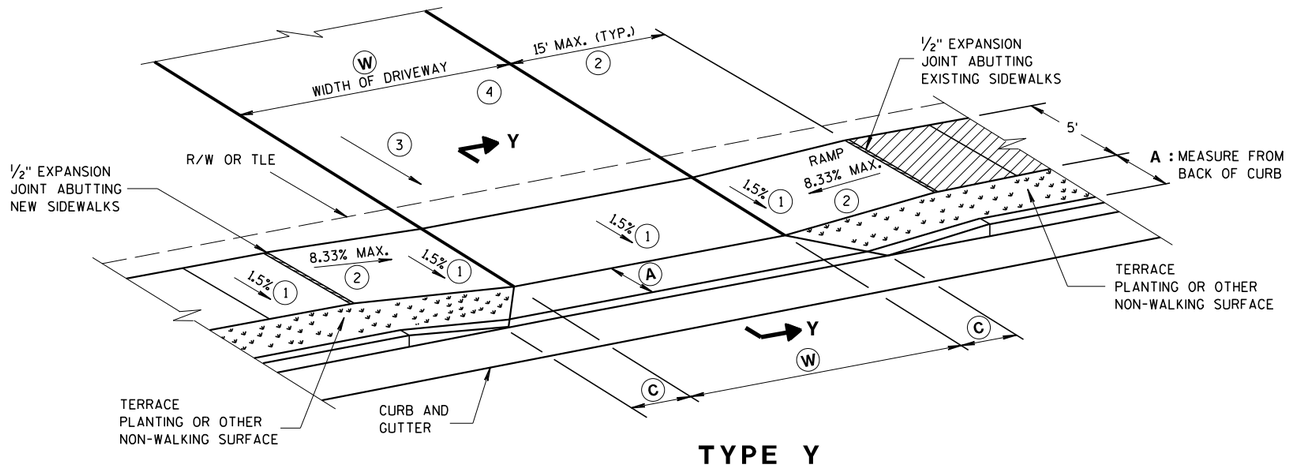

# TYPE X
## SIDEWALK ABUTS CURB & GUTTER
## TERRACE VARIES 0 TO 3 FEET




SECTION X-X




SECTION X-X
4% GUTTER SLOPE




# TYPE Y
## SIDEWALK WITH NARROWER TERRACE
## TERRACE VARIES 4 TO 6 FEET

# GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

(W) IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

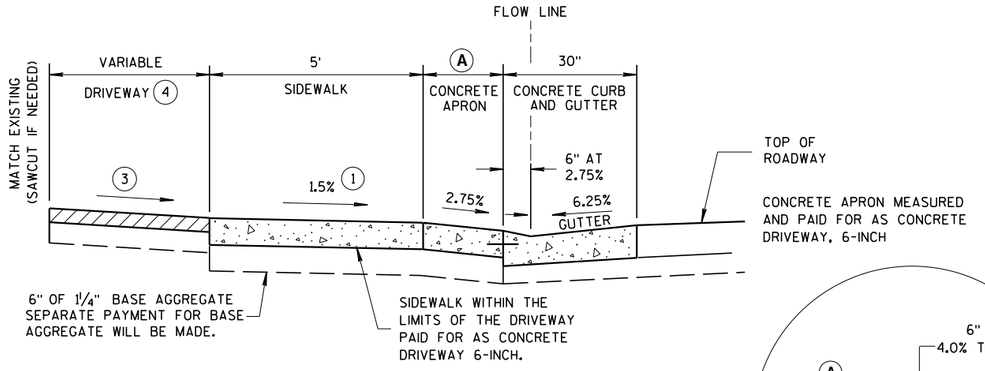
(1) CONSTRUCTION TOLERANCE OF 0.5% ± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

(2) THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY. SLOPE SIDEWALK RAMP TOWARD APRON AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(3) DRIVEWAY SLOPES: DESIRABLE MAXIMUM
- 10.5% UP AWAY FROM SIDEWALK (SAG)
- 8.5% DOWN AWAY FROM SIDEWALK (CREST)
- ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

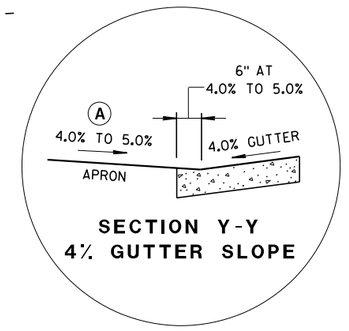
(4) DRIVEWAY TYPES
- 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
- 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
- 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES)

(W): 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)
16' MIN. - 35' MAX. COMMERCIAL (CE)




NOTE: SIDEWALK MAY BE DEPRESSED IN DRIVEWAY AREAS

SECTION Y-Y




SECTION Y-Y
4% GUTTER SLOPE

# DRIVEWAY DETAIL
## WITH CONCRETE CURB & GUTTER
### (URBAN AND SUBURBAN)

TABLE Y

| (A) FEET | (C) FEET |
|---|---|
| 3.5' | 2.0' |
| 4.5' | 3.0' |
| 5.5' | 3.5' |

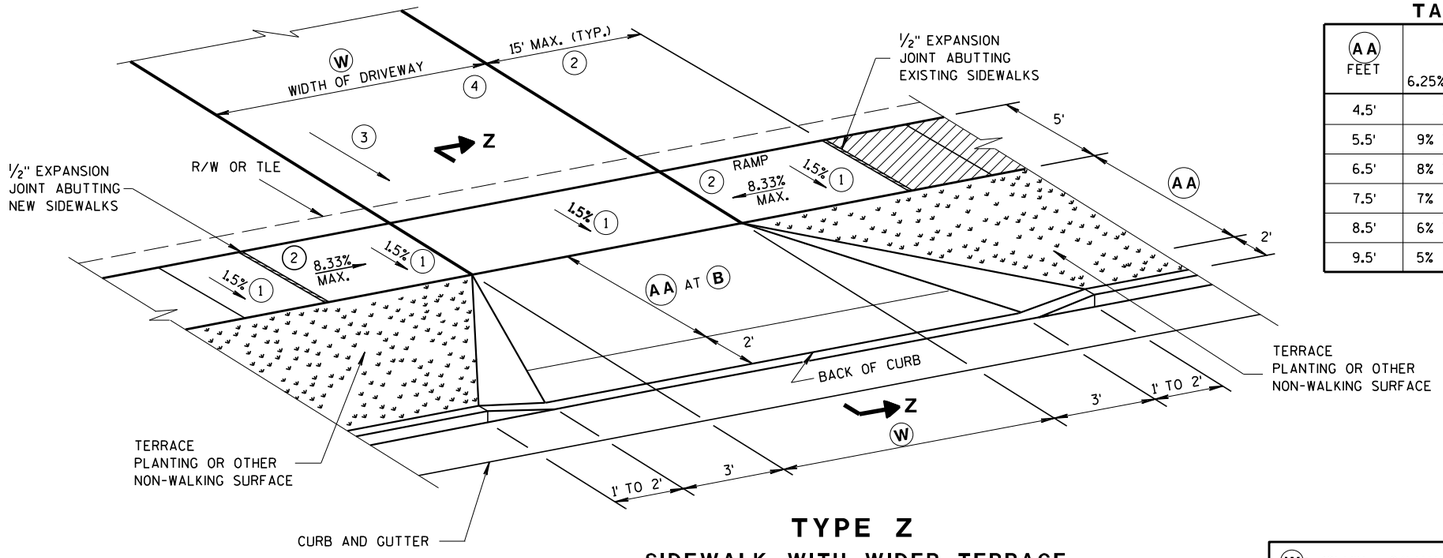
NOT TO SCALE

DRIVEWAY AND SIDEWALK RAMPS
TYPES X & Y

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March 2018 — DATE
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ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
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6
S.D.D. 8 D 18-2




# TYPE Z

## SIDEWALK WITH WIDER TERRACE

## TERRACE VARIES 7 TO 12 FEET

**TABLE Z**

| (AA) FEET | (B) % 6.25% GUTTER | (B) % 4% GUTTER |
|---|---|---|
| 4.5' | 11.5% | 9% TO 11.5% |
| 5.5' | 9% TO 11.5% | 8% TO 11.5% |
| 6.5' | 8% TO 11.5% | 6% TO 11.5% |
| 7.5' | 7% TO 11.5% | 6% TO 11.5% |
| 8.5' | 6% TO 11.5% | 5% TO 11.5% |
| 9.5' | 5% TO 11.5% | 4% TO 11.5% |

(W): 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)
16' MIN. - 35' MAX. COMMERCIAL (CE)

## GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

(W) IS SHOWN ON PLAN AND PROFILE SHEETS.

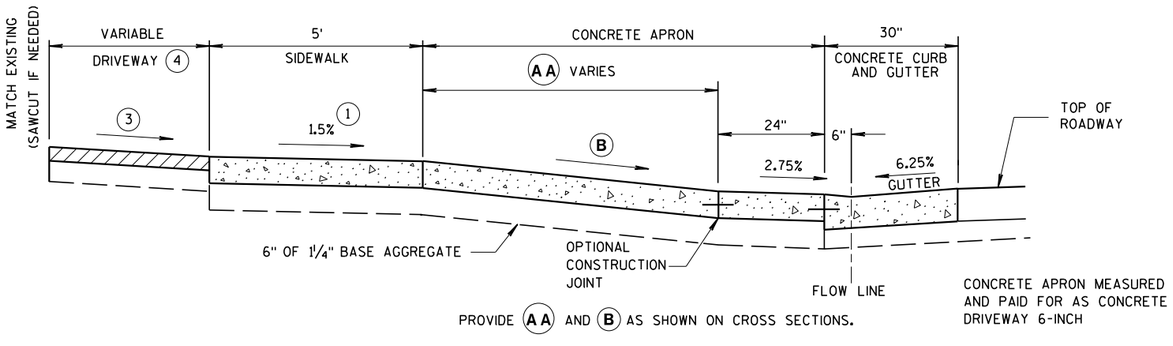
OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

(1) CONSTRUCTION TOLERANCE OF 0.5% ± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

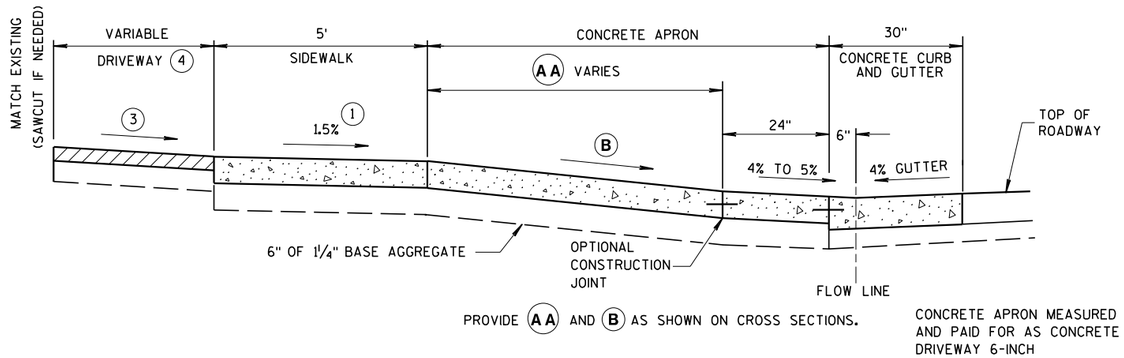
(2) THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY.

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- ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

(4) DRIVEWAY TYPES
- 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
- 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
- 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES)




### 6.25% GUTTER SLOPE




### 4% GUTTER SLOPE

NOTE: SIDEWALK MAY BE DEPRESSED IN DRIVEWAY AREAS FOR **B** VALUES NOT SHOWN IN TABLE Z.

SIDEWALK WITHIN THE LIMITS OF THE DRIVEWAY PAID FOR AS CONCRETE DRIVEWAY 6-INCH.

SEPARATE PAYMENT FOR BASE AGGREGATE WILL BE MADE.

## SECTION Z-Z

# DRIVEWAY DETAIL WITH CONCRETE CURB & GUTTER

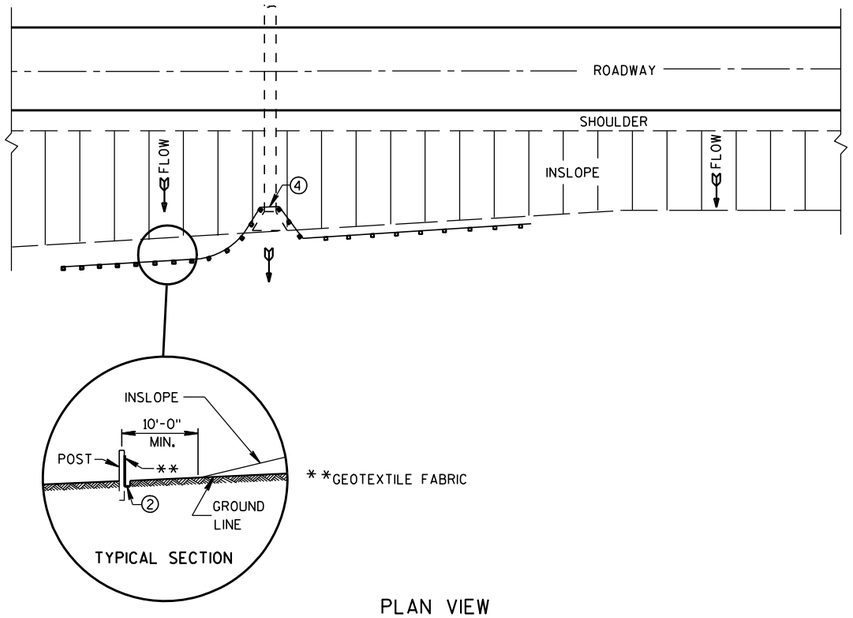
## (URBAN AND SUBURBAN)

NOT TO SCALE

**DRIVEWAY AND SIDEWALK RAMPS TYPE Z**

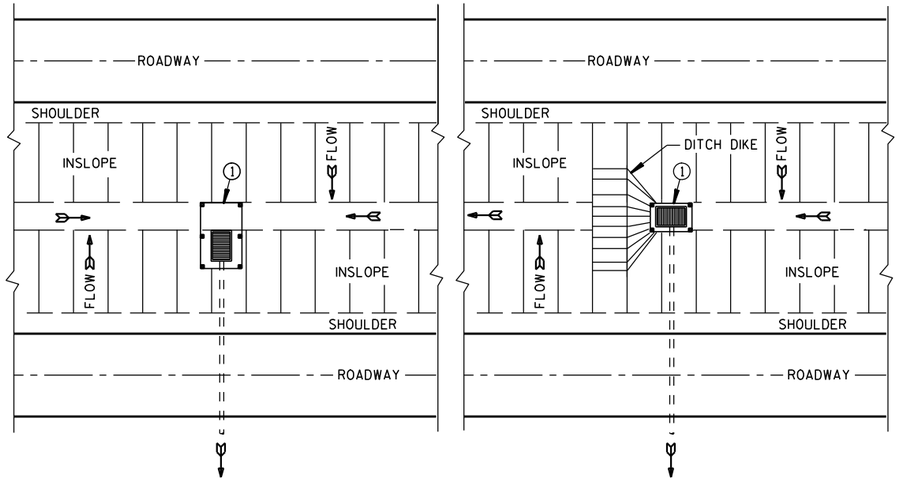
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PLAN VIEW

## TYPICAL APPLICATION OF SILT FENCE



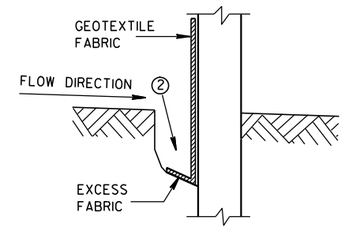

PLAN VIEW

## SILT FENCE AT MEDIAN SURFACE DRAINS

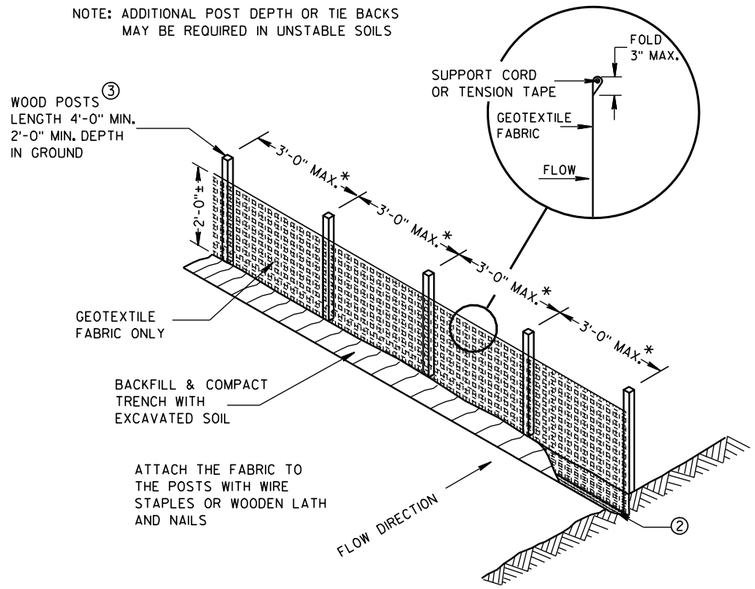
## GENERAL NOTES

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

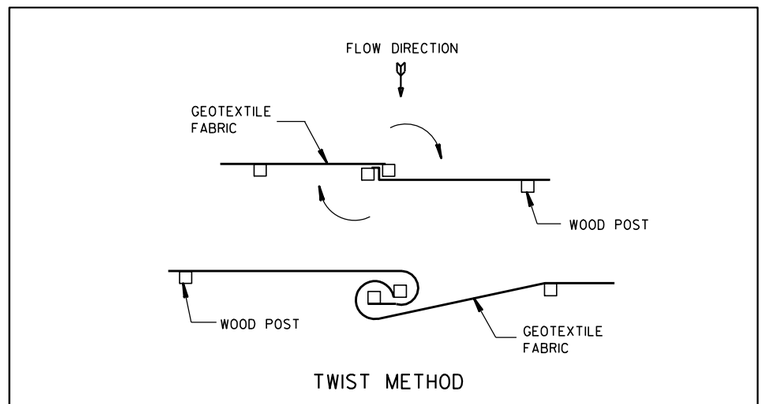
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



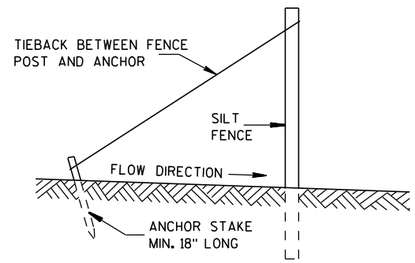

## TRENCH DETAIL




## SILT FENCE




## JOINING TWO LENGTHS OF SILT FENCE 5




## SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

**SILT FENCE**

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4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
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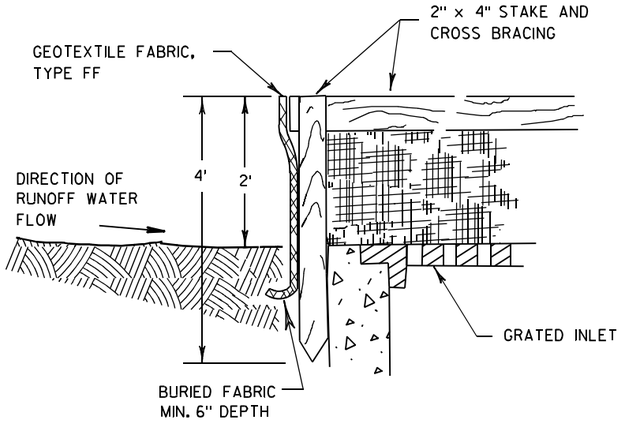


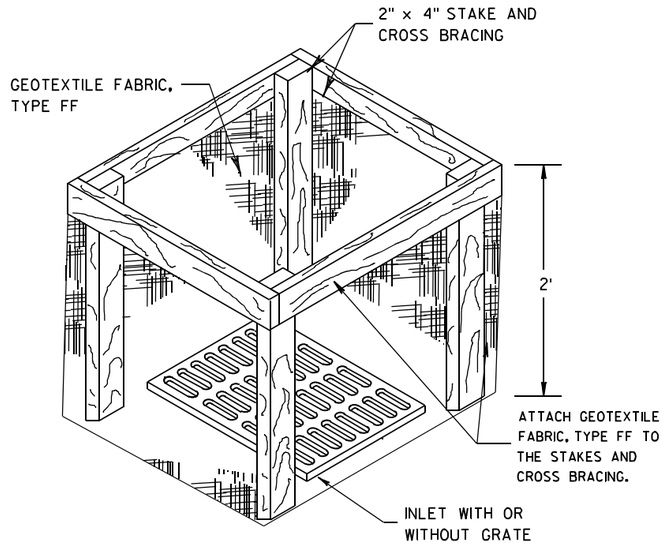
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S.D.D. 8 E 9-6

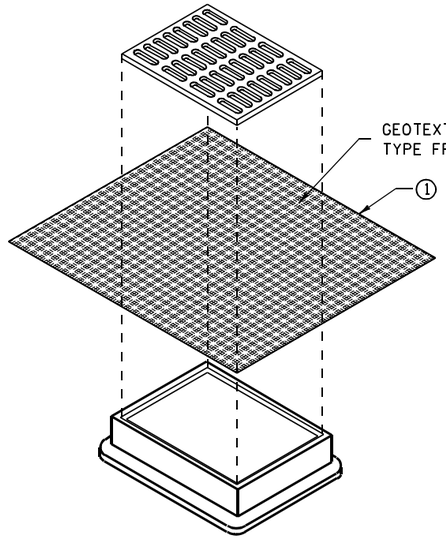
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S.D.D. 8 E 9-6



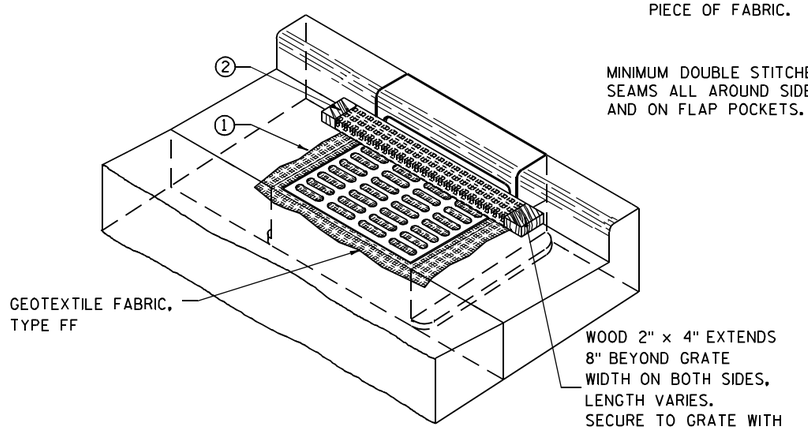




## INLET PROTECTION, TYPE A

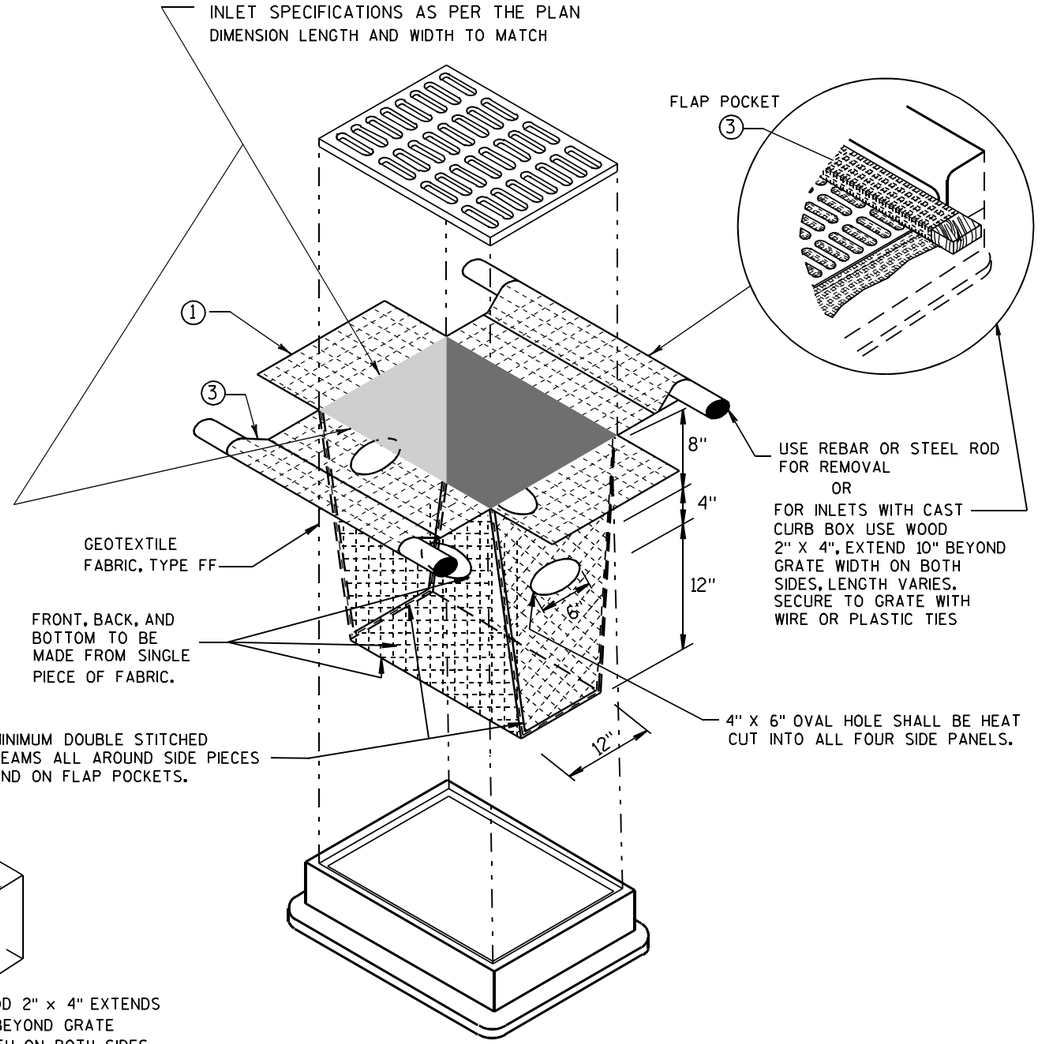



## INLET PROTECTION, TYPE B
## (WITHOUT CURB BOX)

(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.

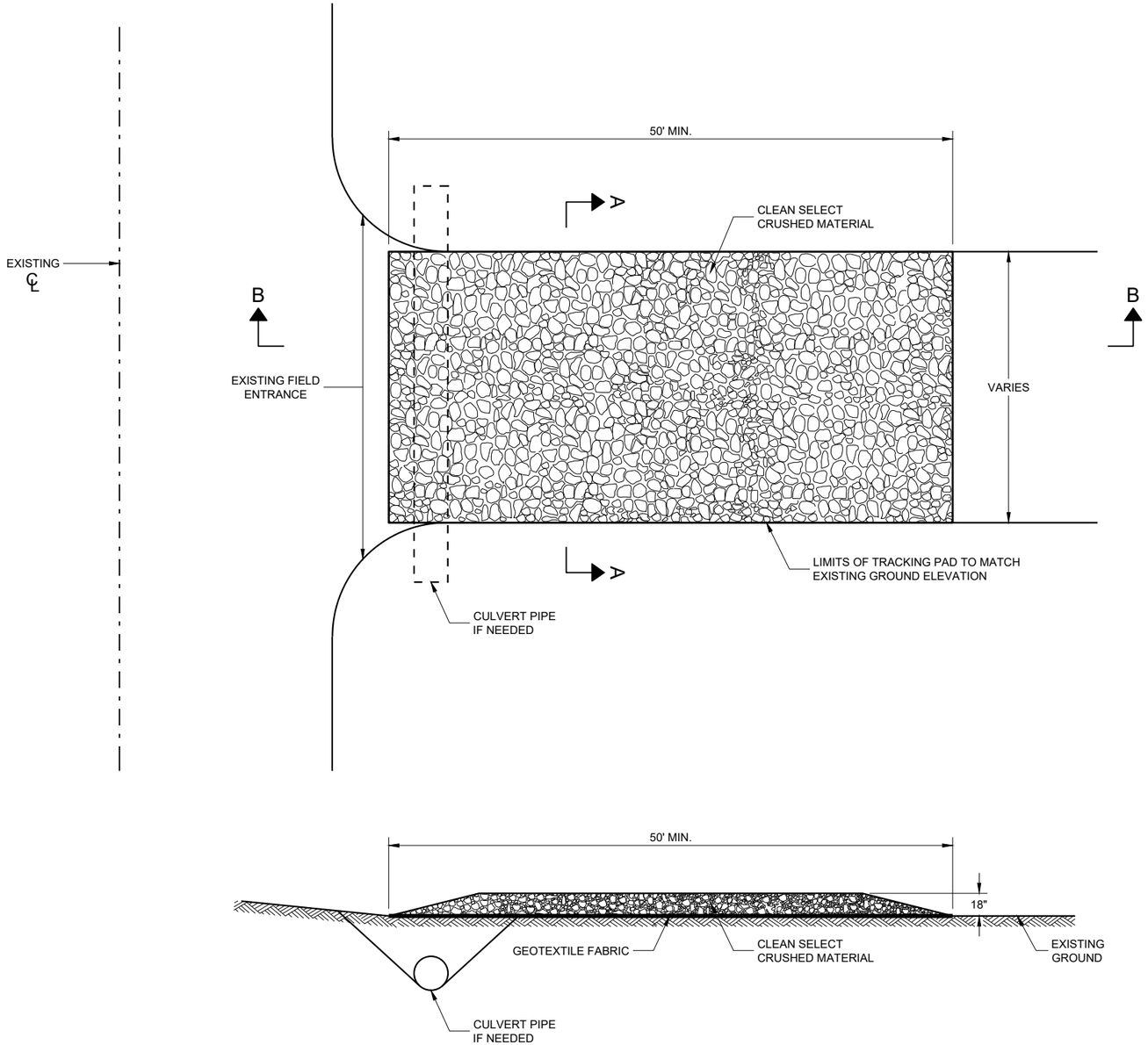
**INLET PROTECTION**
**TYPE A, B, C, AND D**

STATE OF WISCONSIN
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APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
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S.D.D. 8 E 10-2







**SECTION B - B**

## 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.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

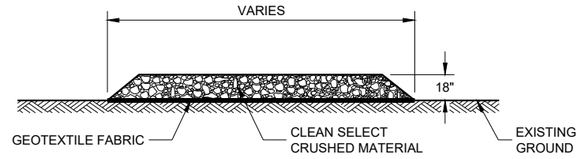
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.




**SECTION A - A**

6

SDD 08E14 - 01

# TRACKING PAD

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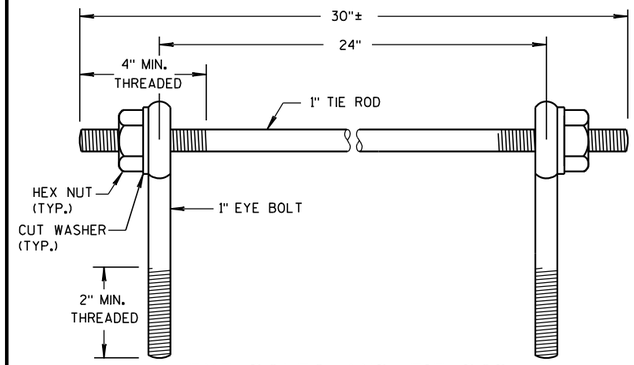
APPROVED
3/24/2011
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVE ENGINEER

FHWA

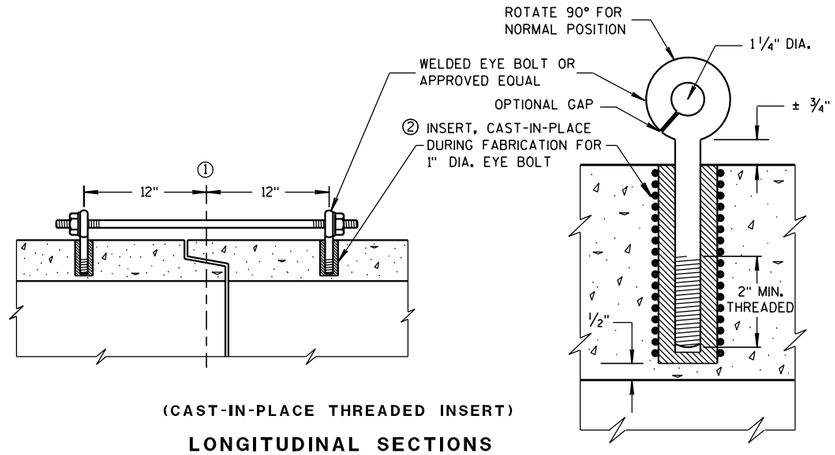


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SDD 08E14 - 01




EYE BOLTS AND TIE ROD




(CAST-IN-PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

# EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

## GENERAL NOTES

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

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

① ℄ OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

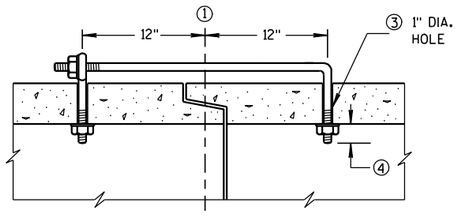
② THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

③ HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12 INCHES FROM ℄ OF TONGUE AND GROOVE.

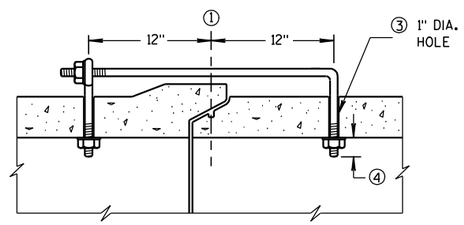
④ BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

⑤ OPENING TO BE ROD DIAMETER PLUS 1 INCH.

⑥ LENGTH ADEQUATE TO EXTEND TO WITHIN 1/2 INCH OF THE INNER SURFACE OF THE PIPE.




(TONGUE & GROOVE PIPE)

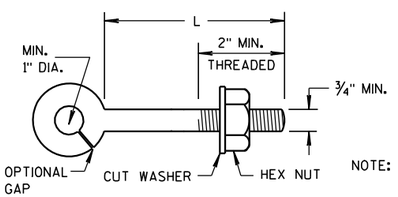



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

**EYE BOLT DIMENSION TABLE**

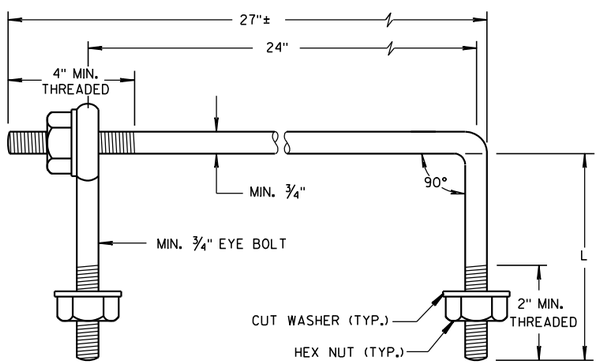
| PIPE SIZE | L = LENGTH | |
|---|---|---|
| | TONGUE & GROOVE PIPE | MODIFIED BELL PIPE |
| 18" TO 24" | 4 1/2" | 6 1/4" |
| 30" | 5" | 7" |
| 36" | 5 1/2" | 7" |
| 42" | 6" | |
| 48" | 6 1/2" | |
| 60" | 7 1/2" | |
| 66" | 8" | |




NOTE:

EYE BOLT

NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.




EYE BOLT AND TIE ROD

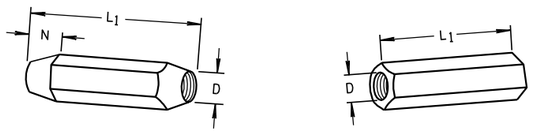
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

# EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

**ADJUSTABLE TIE ROD TABLE**

| PIPE DIAMETER | TIE ROD DIAMETER | D | $L_1$ | N |
|---|---|---|---|---|
| 12-60 | 5/8 | 5/8 | 5 | 1/2 |
| 66-84 | 3/4 | 3/4 | 5 | 1/2 |
| 90-108 | 1 | 1 | 7 | 1 1/16 |

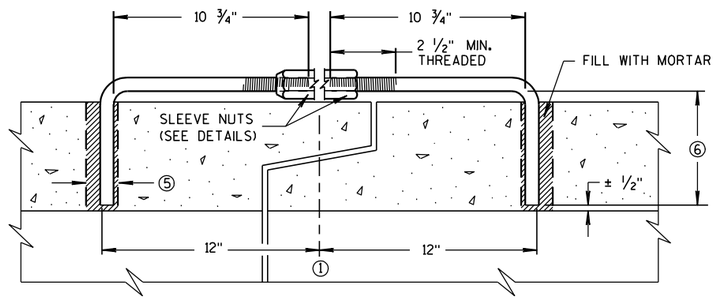
DIMENSIONS SHOWN ARE IN INCHES




TAPERED PLAIN

RIGHT AND LEFT THREADS

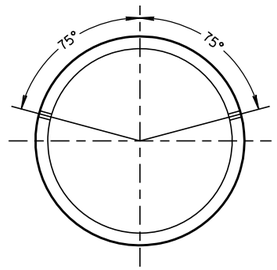
SLEEVE NUTS




LONGITUDINAL SECTION

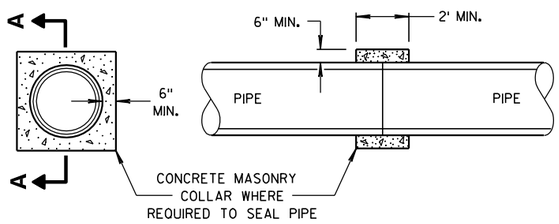
(JOINT TIES FOR 12" TO 108" DIA. CONCRETE PIPE)

# ADJUSTABLE TIE ROD (ALTERNATE NO. 3)




PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION




SECTION A-A

# CONCRETE COLLAR DETAIL

**JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

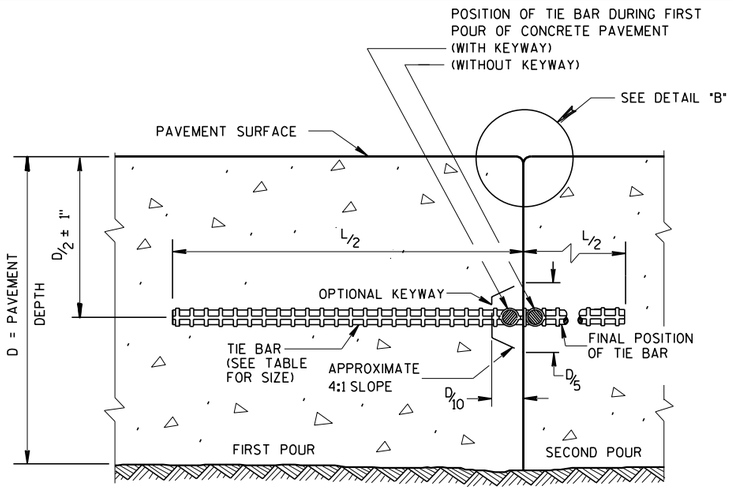
APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
99
FHWA

6

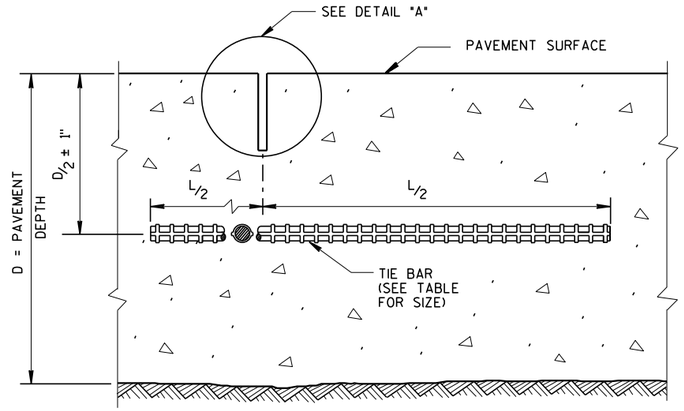
S.D.D. 8 F 4-7

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S.D.D. 8 F 4-7




## CONSTRUCTION JOINT




## SAWED JOINT

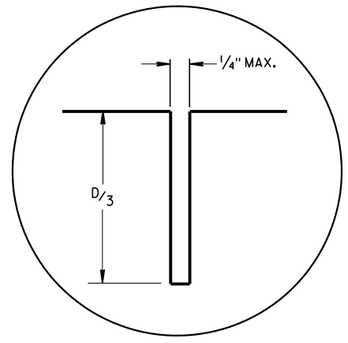
## GENERAL NOTES

CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.

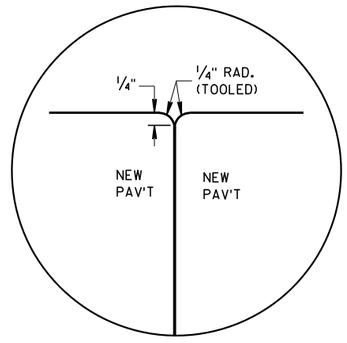
CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

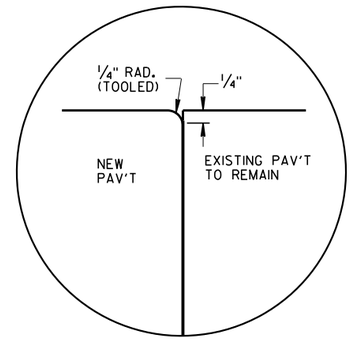
(2) PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.



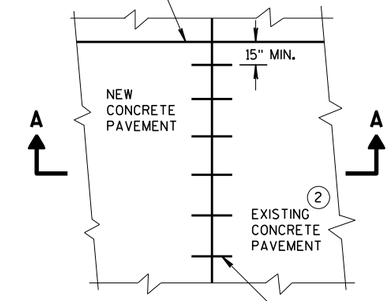

## DETAIL "A"



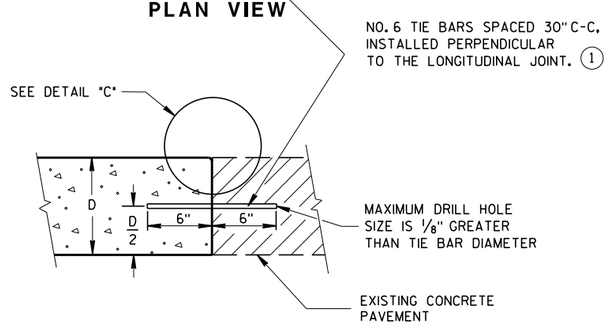

## DETAIL "B"




## DETAIL "C"




## PLAN VIEW



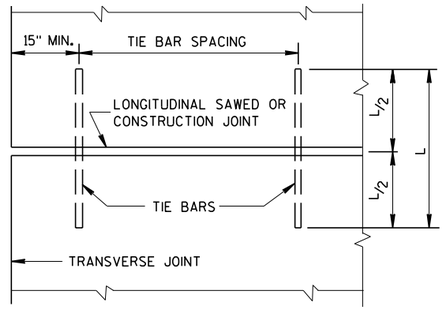

## SECTION A-A
## LONGITUDINAL CONSTRUCTION JOINT TIE BARS ANCHORED INTO EXISTING PAVEMENT

## TIE BAR TABLE

| PAVEMENT DEPTH (D) | TIE BAR SIZE | TIE BAR LENGTH (L) | MAX. TIE BAR SPACING |
|---|---|---|---|
| < 10 1/2" | NO. 4 | 30" | 36" |
| ≥ 10 1/2" | NO. 5 | 36" | 36" |
| | NO. 4 * | 30" | 24" ** |

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.




## PLAN VIEW
SHOWING LOCATION OF TIE BARS

## CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018 — DATE
/S/ Peter Kemp — PAVEMENT SUPE
FHWA

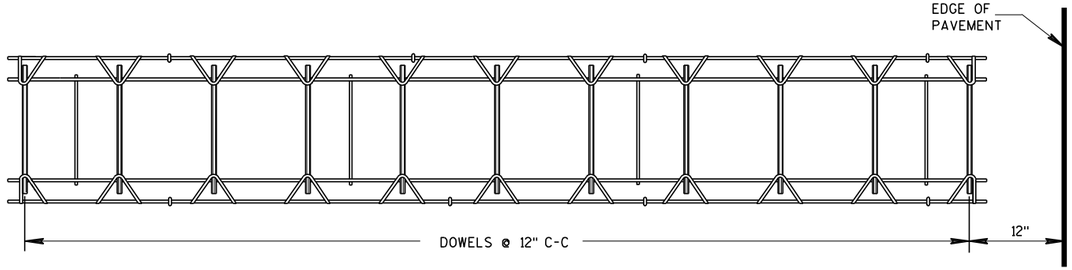


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6

S.D.D. 13 C 1-19

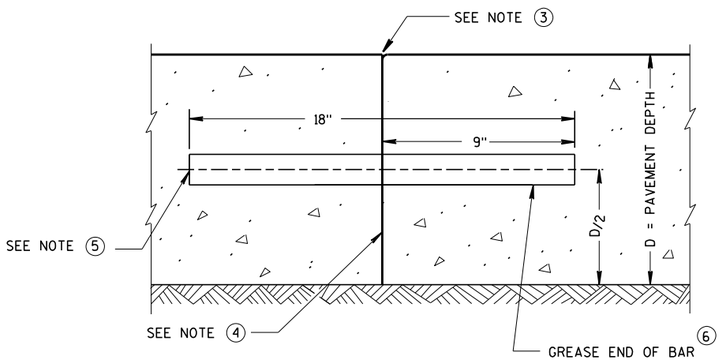



PLAN VIEW

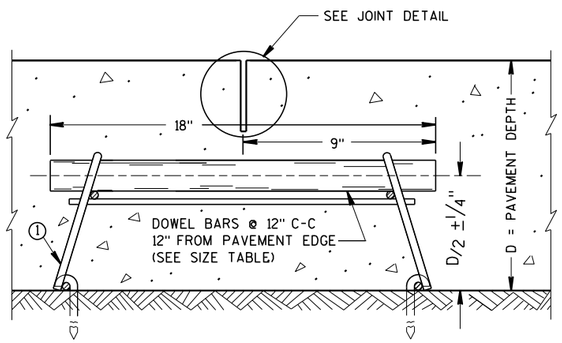



SIDE VIEW

CONTRACTION JOINT DOWEL ASSEMBLY ①



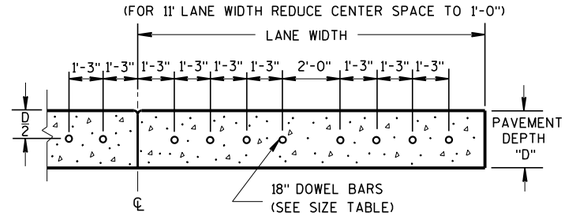

TRANSVERSE CONSTRUCTION JOINT



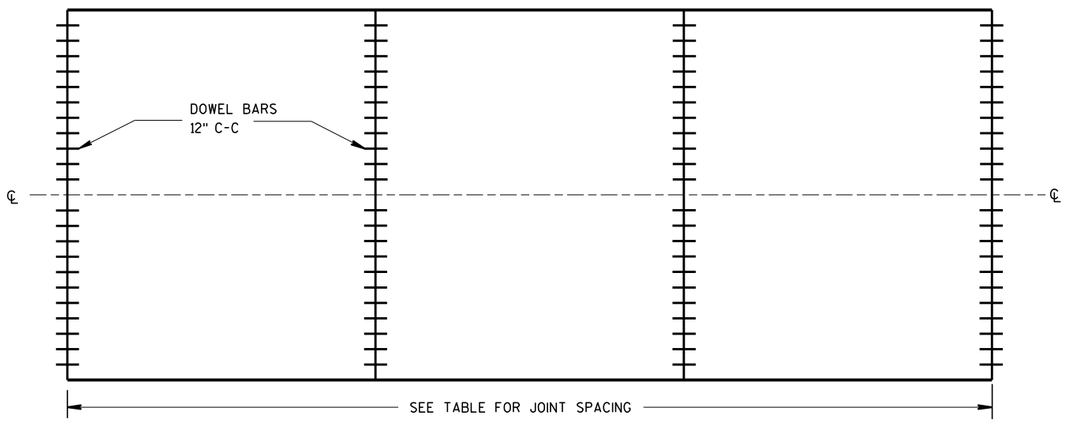

DOWELED CONTRACTION JOINT

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

| PAVEMENT DEPTH (D) | DOWEL BAR DIAMETER | CONTRACTION JOINT SPACING |
|---|---|---|
| 5 ½", 6", 6 ½" | NONE | 12' |
| 7", 7 ½" | 1" | 14' |
| 8", 8 ½" | 1 ¼" | 15' |
| 9", 9 ½" | 1 ¼" | 15' |
| 10" & ABOVE | 1 ½" | 15' |




DRILLED DOWEL BAR CONSTRUCTION JOINT ⑦




CONTRACTION JOINT LOCATIONS

## GENERAL NOTES

CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE. SHOW THE LOCATION OF CONTRACTION JOINTS THROUGH INTERSECTIONS ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

FOR PAVEMENT SLABS OF VARYING WIDTHS, LOCATE THE OUTER MOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS A MINIMUM OF 6 INCHES AND A MAXIMUM OF 18 INCHES FROM THE LONGITUDINAL JOINT AND THE FREE EDGE OF PAVEMENT.

CONSTRUCTION JOINTS

LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.

① OBTAIN THE ENGINEER'S APPROVAL FOR THE USE OF ALTERNATIVE DESIGNS OF THE DOWEL ASSEMBLY. USE MECHANICAL DOWEL BAR INSERTERS OR DOWEL ASSEMBLIES WHEN CONSTRUCTING CONTRACTION JOINTS.

② SECURE BASKETS WITH ANCHORS TO HOLD DOWEL BARS IN THE CORRECT POSITION AND ALIGNMENT. TYPE, LOCATION, NUMBER AND LENGTH OF ANCHORS ARE DEPENDENT UPON FIELD CONDITIONS.

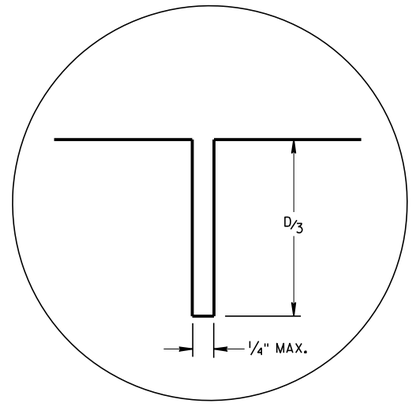
③ FORM OR SAW CONSTRUCTION JOINTS. PROVIDE A ¼-INCH RADIUS AT FORMED JOINTS.

④ PROVIDE A SMOOTH VERTICAL FACE FOR THE ENTIRE DEPTH OF THE PAVEMENT WHEN FORMING CONSTRUCTION JOINTS.

⑤ INSTALL DOWEL BARS AT CONSTRUCTION JOINTS BY FORMING OR DRILLING. INSTALL FORMED DOWEL BARS 12 INCHES C-C AND 12 INCHES FROM PAVEMENT EDGE. REMOVE EXCESS CONCRETE FROM THE FREE END OF THE DOWEL BAR IF DOWEL BARS ARE FORMED THROUGH A HEADER BOARD. INSTALL DRILLED DOWEL BARS ACCORDING TO *DRILLED DOWEL BAR CONSTRUCTION JOINT* DETAIL.

⑥ APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

⑦ ANCHOR DOWEL BARS INTO DRILLED HOLES WITH AN EPOXY. MAXIMUM DRILLED HOLE SIZE IS ⅛-INCH GREATER THAN DOWEL BAR DIAMETER, 9 INCHES IN LENGTH.




JOINT DETAIL

URBAN DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

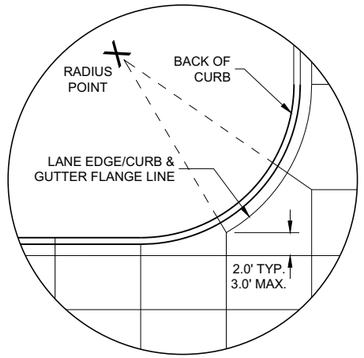
/S/ Peter Kemp P.E.
PAVEMENT SUP

FHWA

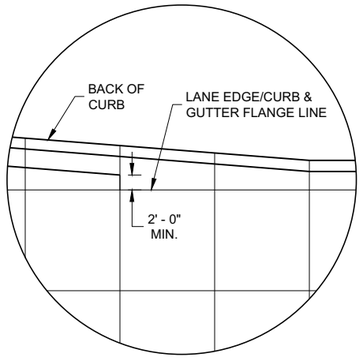



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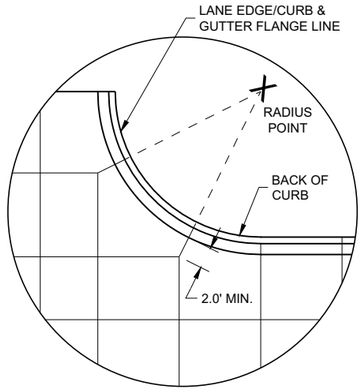

S.D.D. 13 C 13-9



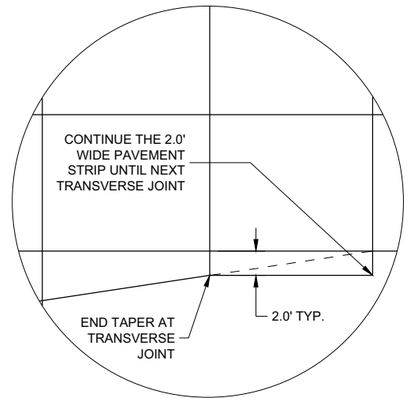

**DETAIL "A"**




**DETAIL "B"**




**DETAIL "C"**




**DETAIL "D"**

## GENERAL NOTES

THE PRIMARY ROADWAY CONTROLS THE TRANSVERSE JOINT PATTERN.

ALIGN NEW JOINTS WITH EXISTING JOINTS OR CRACKS.

CONSTRUCT TRANSVERSE JOINTS PERPENDICULAR TO THE ROADWAY.

ADJUST TRANSVERSE JOINTS TO ALIGN WITH UTILITY FIXTURES (E.G MANHOLES AND INLETS) IN THE PAVEMENT STRUCTURE WHEN POSSIBLE. WATER VALVES DO NOT REQUIRE JOINT ADJUSTMENT.

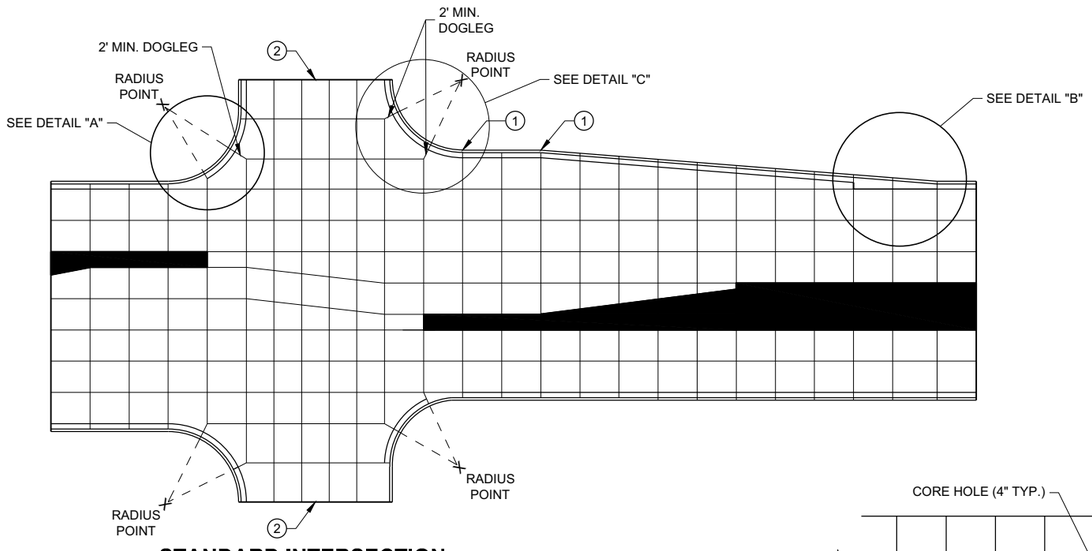
AVOID SLABS LESS THAN 2 FEET WIDE OR GREATER THAN 15 FEET WIDE.

SEE TABLE FOR TRANSVERSE JOINT SPACING. JOINT SPACING SPECIFIED IS MAXIMUM AND ACTUAL SPACING CAN BE ADJUSTED TO ACCOMMODATE INTERSECTIONS.

AVOID ANGLES LESS THAN 60° BY DOGLEGGING JOINTS THROUGH CURVE RADIUS POINTS. USE 90° ANGLES WHEN POSSIBLE.

CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

1. PROVIDE TRANSVERSE JOINTS AT ALL PAVEMENT WIDTH CHANGES.
2. CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITHEDGE OF RADIUS.
3. THE ENGINEER MAY APPROVE SLIGHT VARIATIONS FROM THESE JOINTING DETAILS.



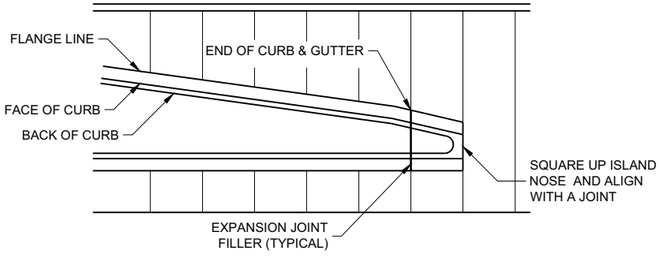

**STANDARD INTERSECTION**

PAVEMENT DEPTH AND JOINT SPACING TABLE

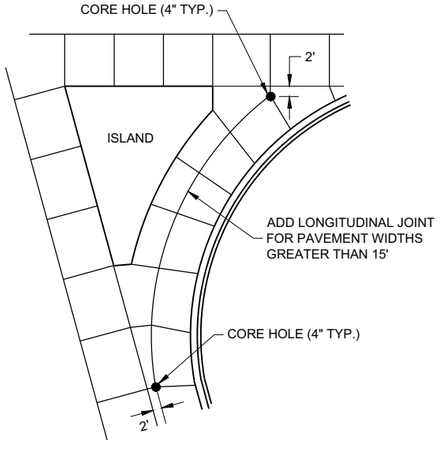
| PAVEMENT DEPTH (D) | CONTRACTION JOINT SPACING |
|---|---|
| 6", 6 ½" | 12' |
| 7", 7 ½" | 14' |
| 8" & ABOVE | 15' |




**SKEWED INTERSECTION**




**APPROACH TO MEDIAN**




**LARGE RIGHT TURN**

**CONCRETE PAVEMENT JOINTING**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



6

SDD 13C18 - 07a

6

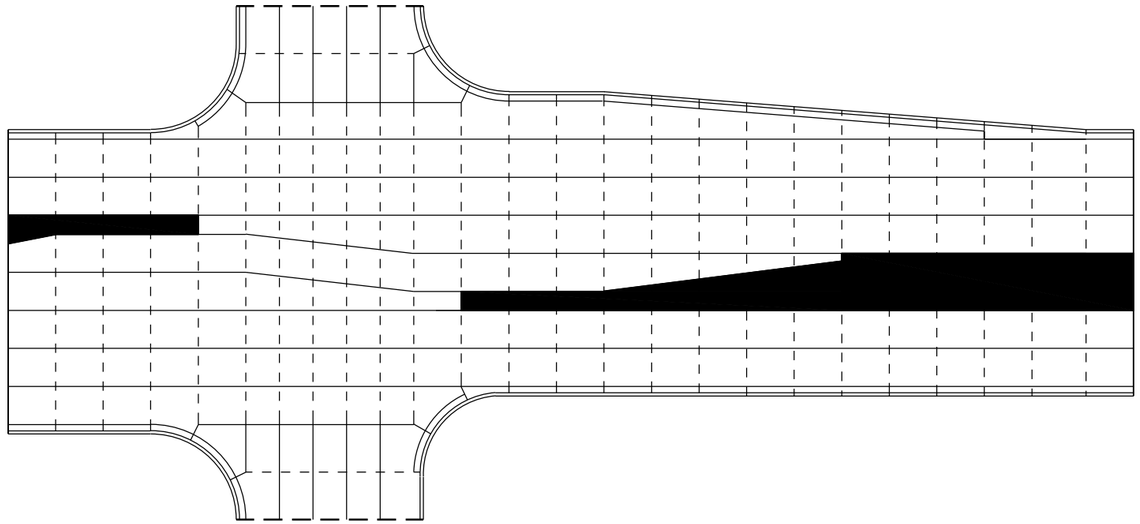
SDD 13C18 - 07a

## LEGEND

POTENTIAL DOWELED EXPANSION JOINT

DOWELED JOINT

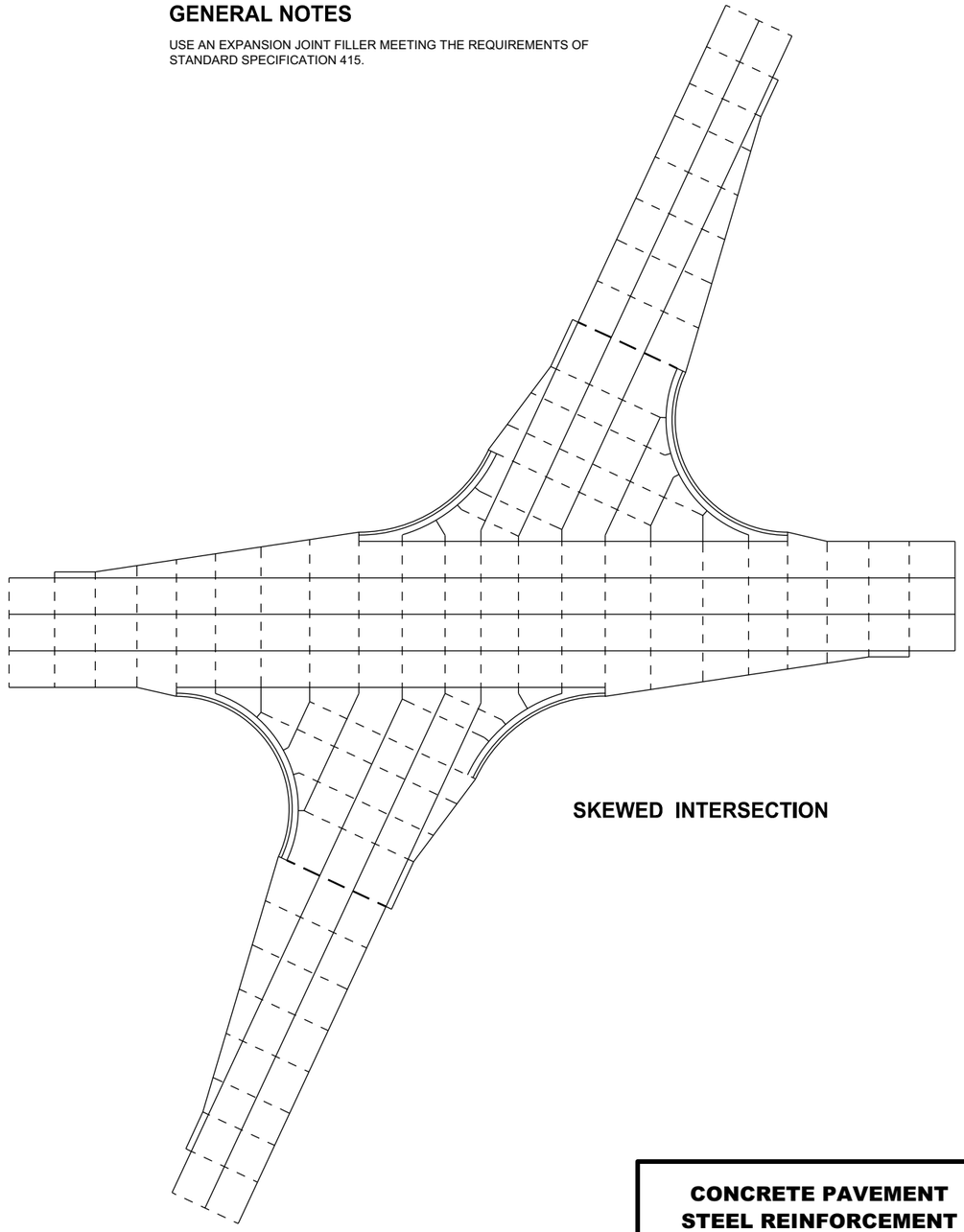
TIED JOINT



STANDARD INTERSECTION

## GENERAL NOTES

USE AN EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.



SKEWED INTERSECTION

6

SDD 13C18 - 07b

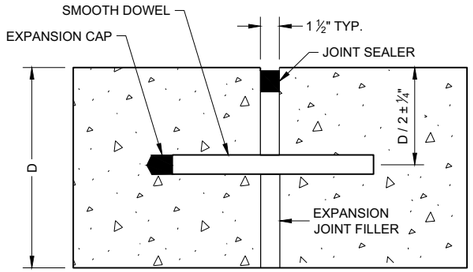
**CONCRETE PAVEMENT STEEL REINFORCEMENT**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

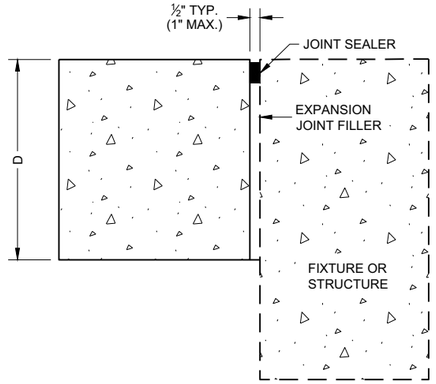


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SDD 13C18 - 07b




DOWELED TRANSVERSE (1)




UNTIED - LONGITUDINAL

## EXPANSION JOINTS

### TIE BAR TABLE

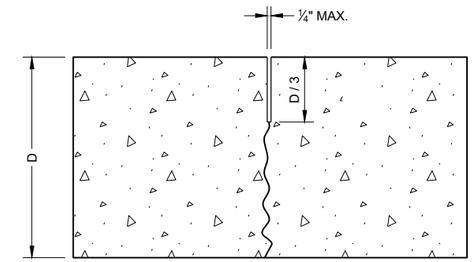
| PAVEMENT DEPTH (D) | TIE BAR SIZE | TIE BAR LENGTH (L) | MAX. TIE BAR SPACING |
|---|---|---|---|
| < 10 ½" | NO. 4 | 30" | 36" |
| ≥ 10 ½" | NO. 5 | 36" | 36" |
| | NO. 4* | 30" | 24"** |

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

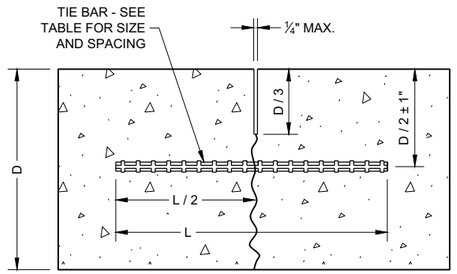
** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

### GENERAL NOTES

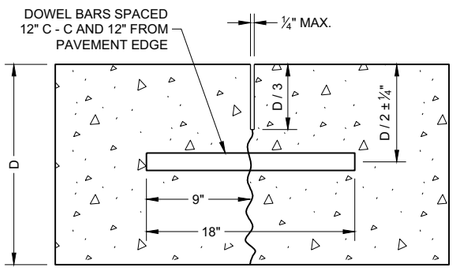
1. USE DOWELED EXPANSION JOINTS ON SIDE ROADS AT INTERSECTIONS (TO ISOLATETHE SIDE ROAD FROM THE THROUGH STREET) IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH.
2. SPACE CONTRACTION JOINTS IN ACCORDANCE WITH SDD 13C4, 13C11 OR 13C13.
3. LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.
4. CONSTRUCTION JOINTS CAN BE FORMED OR SAWED.
5. IF JOINT IS FORMED, PROVIDE A ¼" RADIUS.
6. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.




UNDOWELED TRANSVERSE

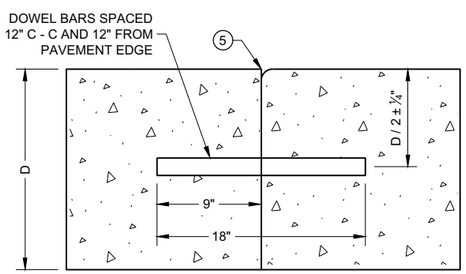



TIED LONGITUDINAL

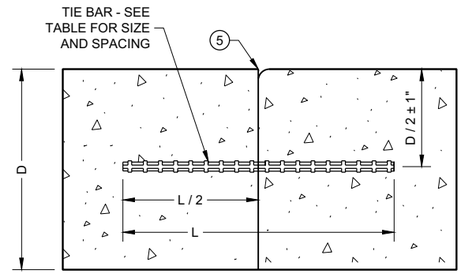



DOWELED TRANSVERSE

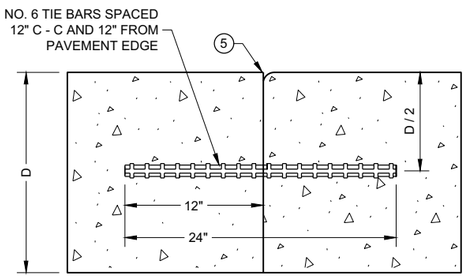
## CONTRACTION JOINTS (2)



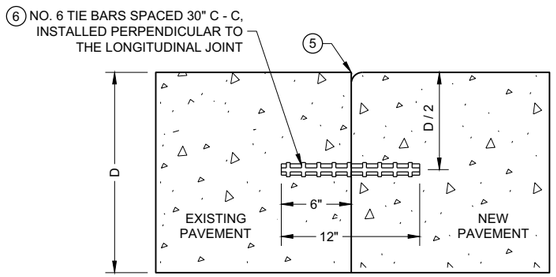

DOWELED TRANSVERSE (3)




TIED LONGITUDINAL




TIED TRANSVERSE (3)
(FOR USE ON NON-DOWELED PAVEMENTS ONLY)




TIED LONGITUDINAL TO EXISTING

## CONSTRUCTION JOINTS (4)

**CONCRETE PAVEMENT JOINT TYPES**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

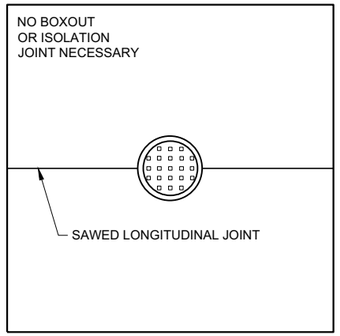




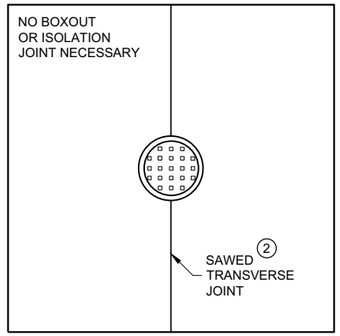
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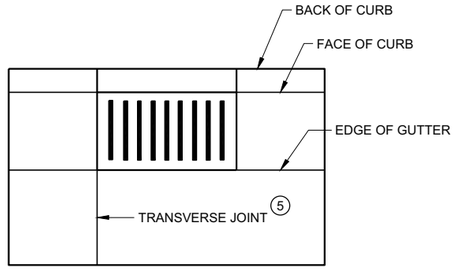
SDD 13C18 - 07c




**MANHOLE WITH LONGITUDINAL JOINT**



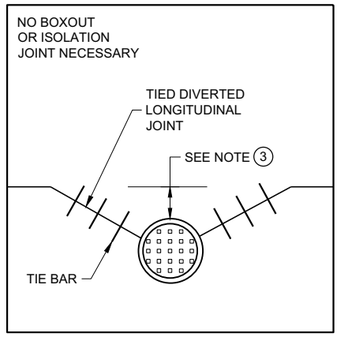

**MANHOLE WITH TRANSVERSE JOINT**



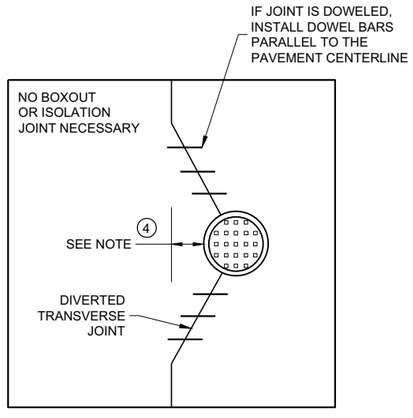

**INLET WITH TRANSVERSE JOINT**

## GENERAL NOTES

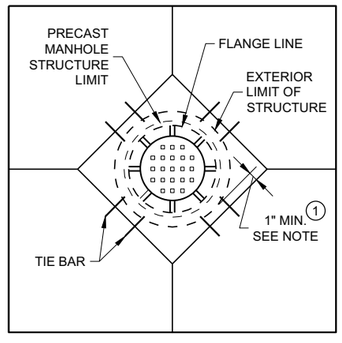
1. USE BOXOUTS WHEN UTILITY STRUCTURE IS IN THE PATH OF CONSTRUCTION JOINTS. PROVIDE A 1 FOOT MINIMUM CLEARANCE BETWEEN THE EXTERIOR LIMIT OF THE STRUCTURE TO THE DIAMOND BOXOUT.
2. ADJUST TRANSVERSE JOINT TO INTERSECT MANHOLE IF POSSIBLE.
3. IF DISTANCE BETWEEN THE LONGITUDINAL JOINT AND THE EDGE OF MANHOLE IS 2 FEET OR LESS, DIVERT THE LONGITUDINAL JOINT AT A 2:1 TAPER RATE TO THE CENTER OF THE MANHOLE. IF THE DISTANCE IS GREATER THAN 2 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REINFORCEMENT REBAR AROUND THE MANHOLE.
4. IF THE DISTANCE FROM THE EDGE OF THE MANHOLE TO THE NEAREST TRANSVERSE JOINT IS LESS 4 FEET OR LESS, REDIRECT JOINT TO INTERSECT THE CENTER OF THE MANHOLE. IF DISTANCE IS GREATER THAN 4 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REINFORCEMENT REBAR AROUND THE MANHOLE.
5. ALIGN TRANSVERSE JOINT WITH ONE EDGE OF INLET WHEN PRACTICAL.




**MANHOLE WITH DIVERTED LONGITUDINAL CONTRACTION JOINT**




**MANHOLE WITH DIVERTED TRANSVERSE CONTRACTION JOINT**




**DIAGONAL MANHOLE BOXOUT FOR CONSTRUCTION JOINTS**

**CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

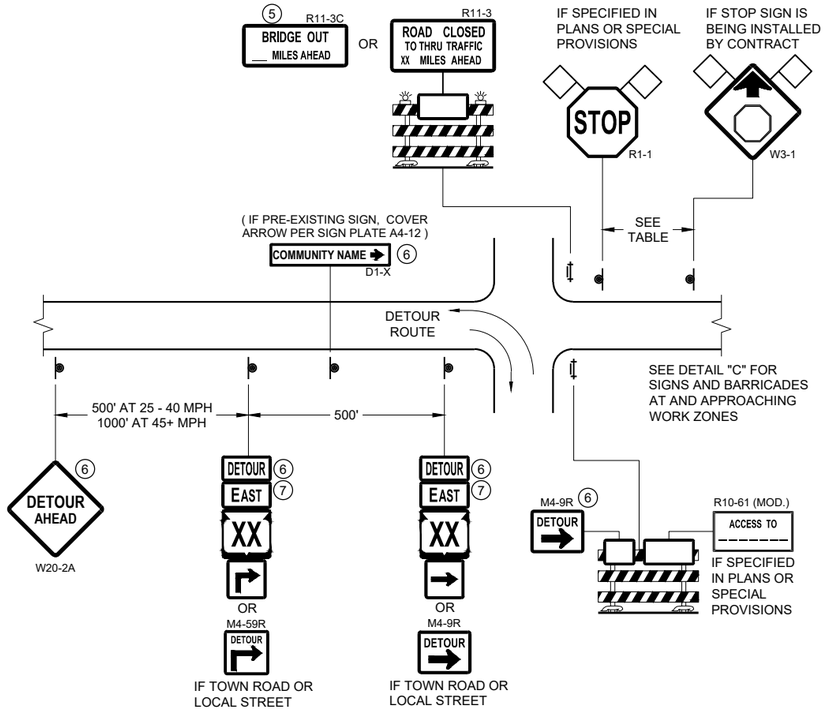
/S/ Peter Kemp P.E.
PAVEMENT SUPERVIS

FHWA



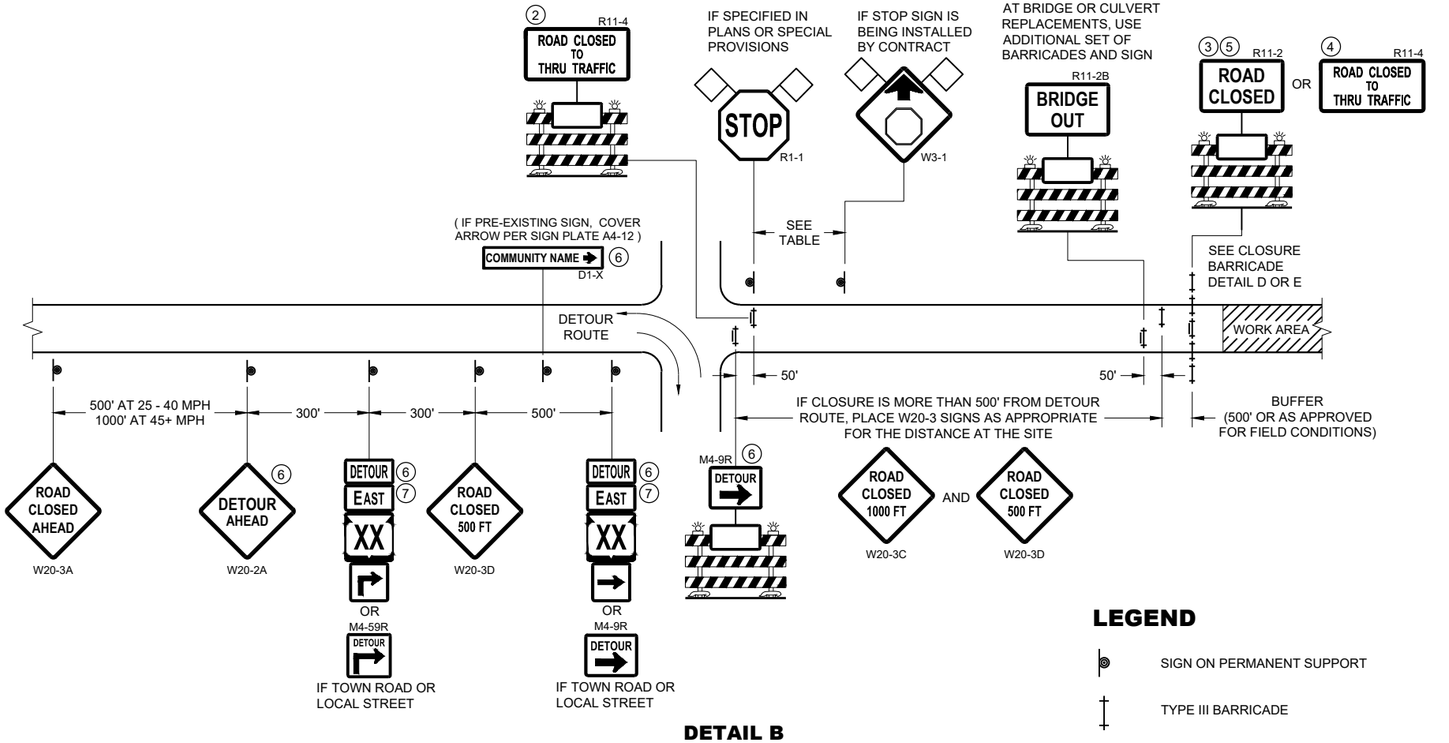

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SDD13C18 - 07d
SDD13C18 - 07d



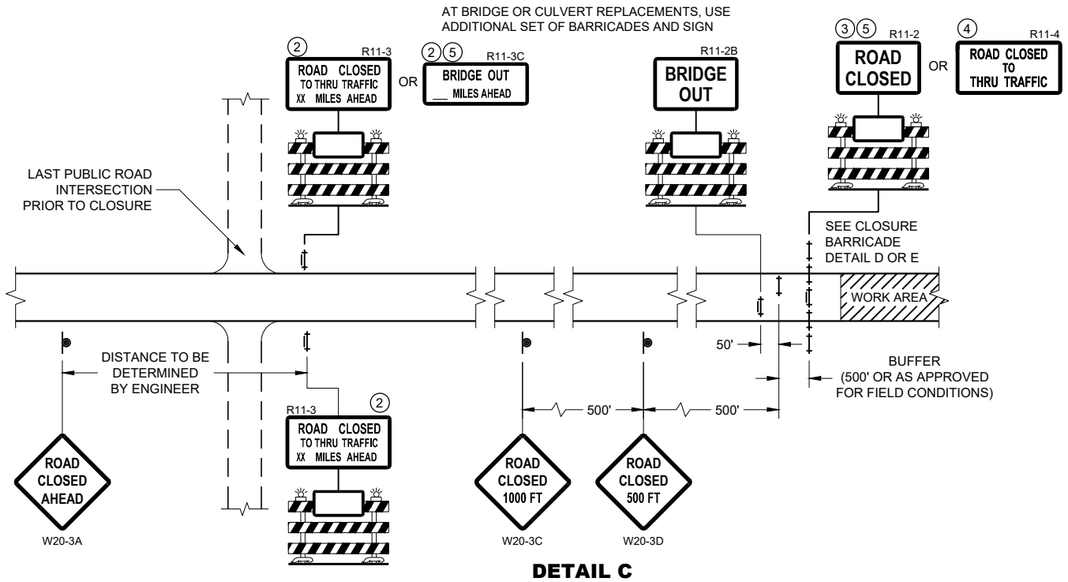

## DETAIL A
## MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE ( 1000 FEET IF URBAN )




## DETAIL B
## MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE ( 1000 FEET IF URBAN )




## DETAIL C
## MAINLINE CLOSURE, NO POSTED DETOUR

| SPEED LIMIT (MPH) | "STOP AHEAD" ADVANCE WARNING DISTANCE (FT) |
|---|---|
| 25 | 200 |
| 30 | 200 |
| 35 | 350 |
| 40 | 350 |
| 45 | 500 |
| 50 | 550 |
| 55 | 750 |

SEE SDD 15C2-SHEET "b"
FOR GENERAL NOTES
AND FOOTNOTES ① THROUGH ⑦

## LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)
- DETOUR — M4 - 8
- EAST — M3 - X
- XX — M1 - 4 OR XX — M1 - 6 OR COUNTY X — M1 - 5A
- M05 - 1 OR M06 - 1

## BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

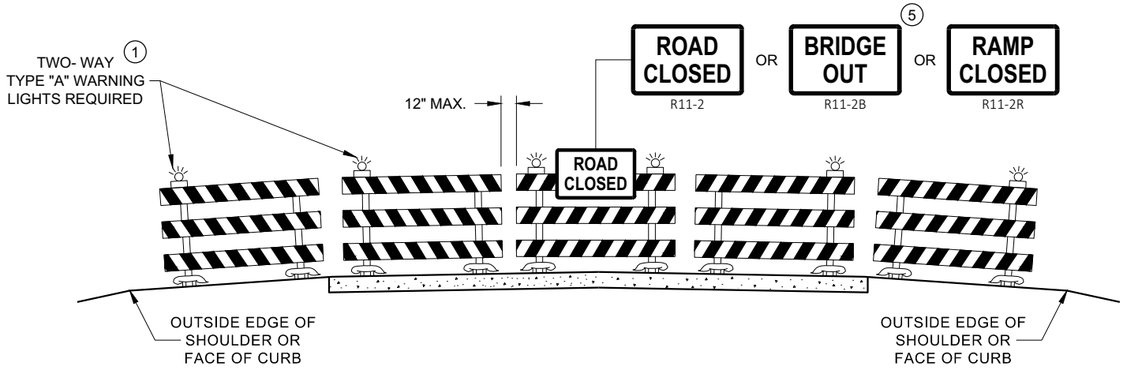
FHWA



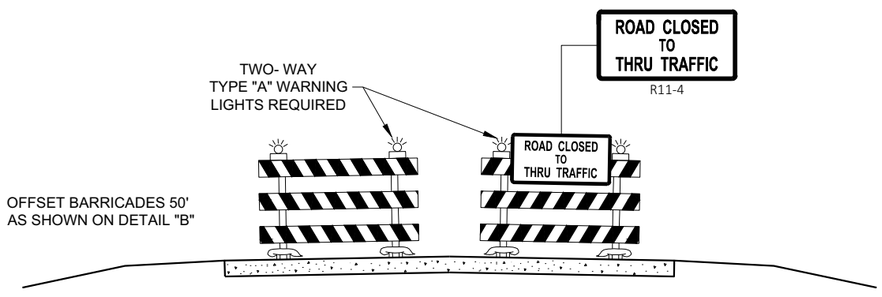


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SDD 15C02 - 08a




**DETAIL D**
**ROAD CLOSURE BARRICADE DETAIL**
**APPROACH VIEW**




**DETAIL E**
**LANE CLOSURE BARRICADE DETAIL**
**APPROACH VIEW**

SEE SDD 15C2 - SHEET "a" FOR LEGEND

## GENERAL NOTES

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

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

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

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

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

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

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

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

**BARRICADES AND SIGNS FOR VARIOUS CLOSURES**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

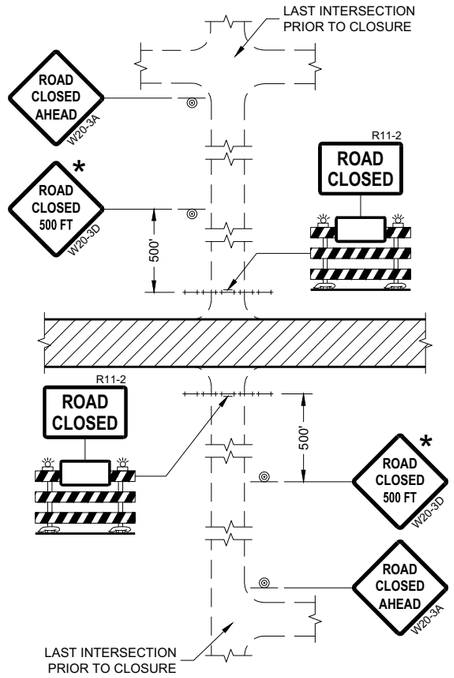


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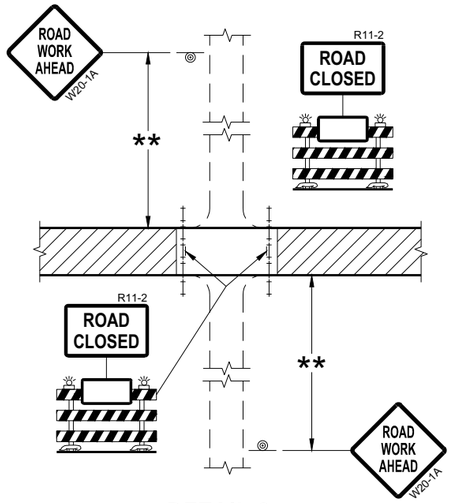
SDD 15C02 - 08b

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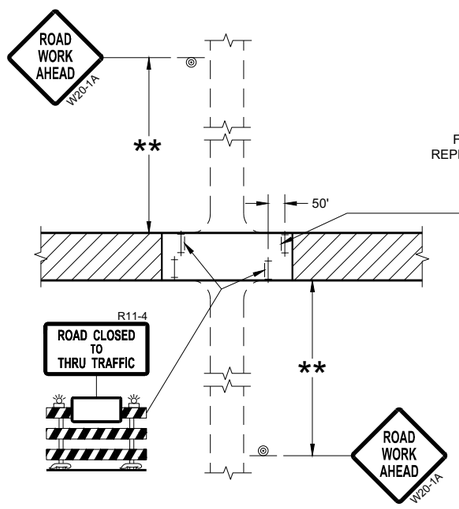
SDD 15C02 - 08b



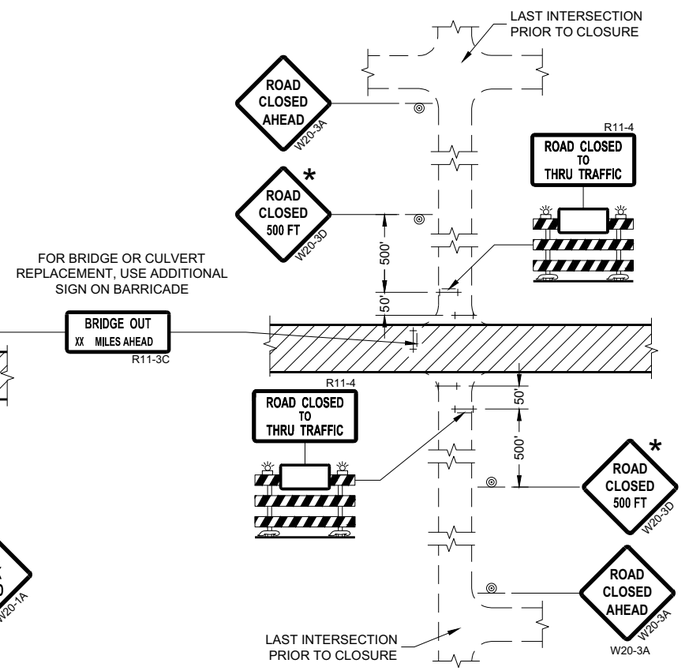

**DETAIL 1**
(NO ACCESS TO PROJECT)




**DETAIL 2**
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)




**DETAIL 3**
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)




**DETAIL 4**
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

## GENERAL NOTES

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

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

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

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

BARRICADES 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.

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

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.

## LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

**BARRICADES AND SIGNS FOR SIDEROAD CLOSURES**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA



6

SDD 15C03 - 05

6

SDD 15C03 - 05

## GENERAL NOTES

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

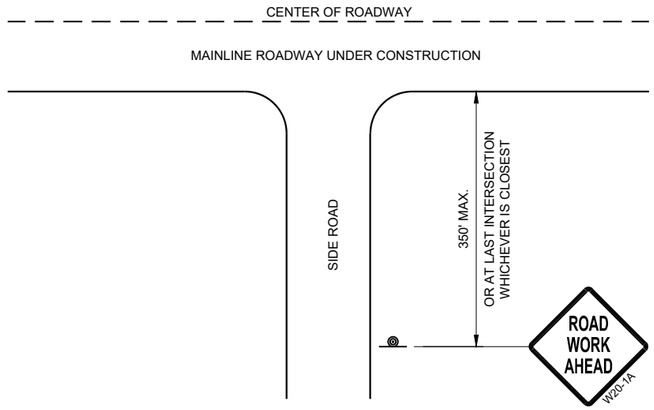
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

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

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

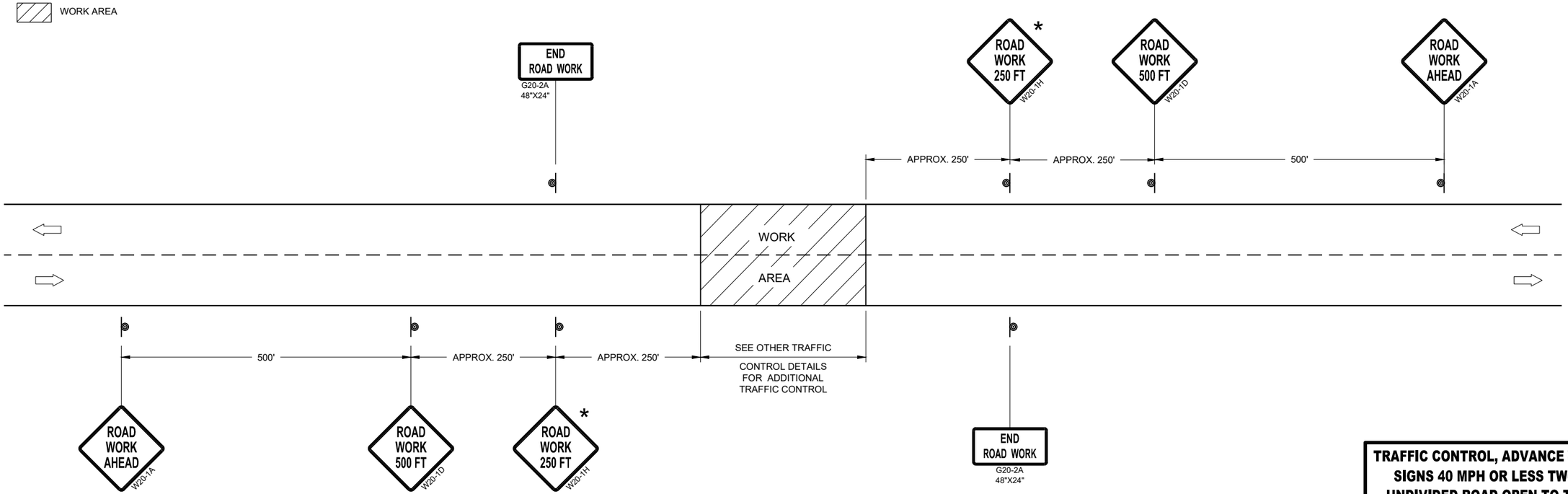
* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.




**TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL**

## LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA




**TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS**

**TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

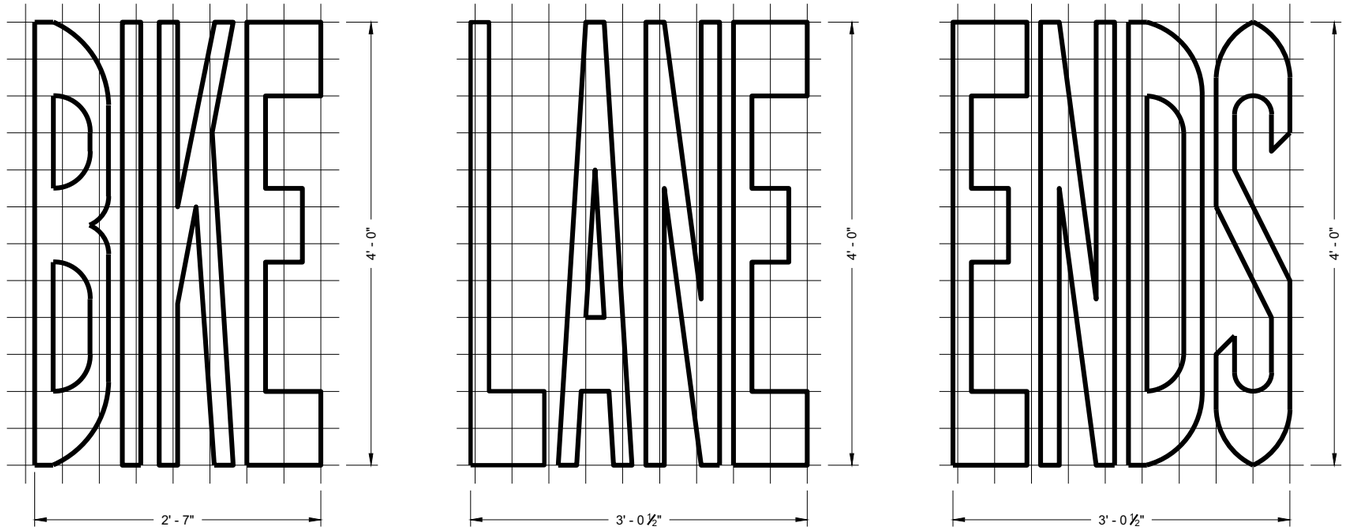
FHWA




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SDD 15C05 - 05

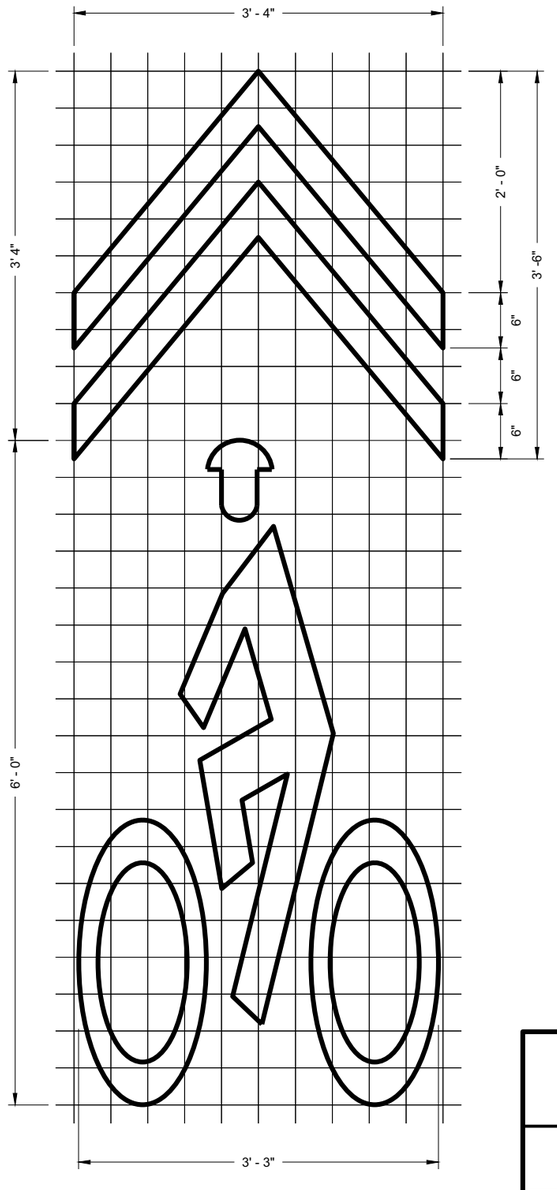
# SDD 15C7-e Pavement Marking For Bike Lanes

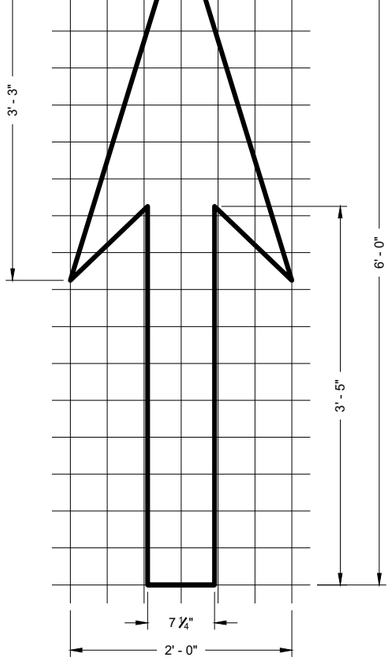



**BIKE LANE WORDS**

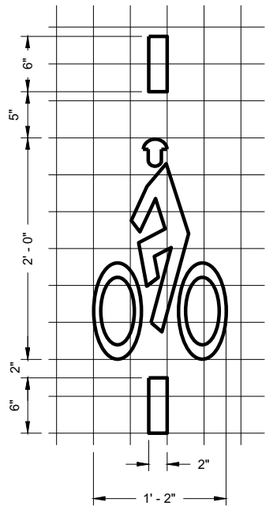
## GENERAL NOTES

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.

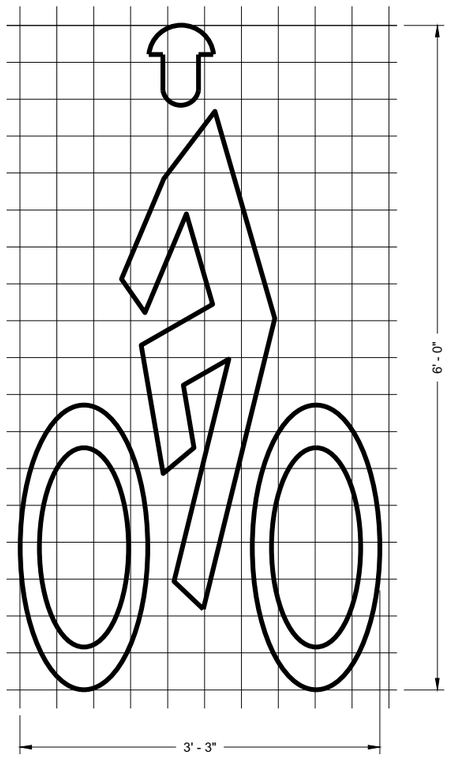



**BIKE LANE ARROW**




**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 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAF ENGINEER

FHWA

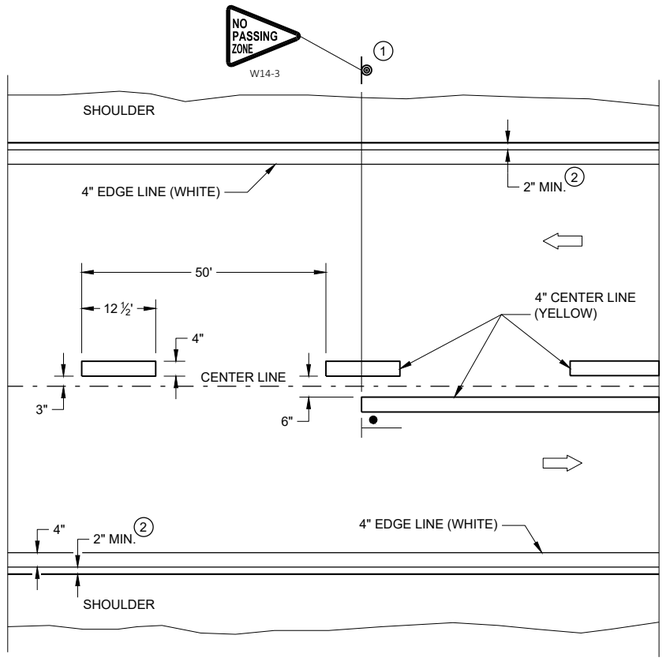


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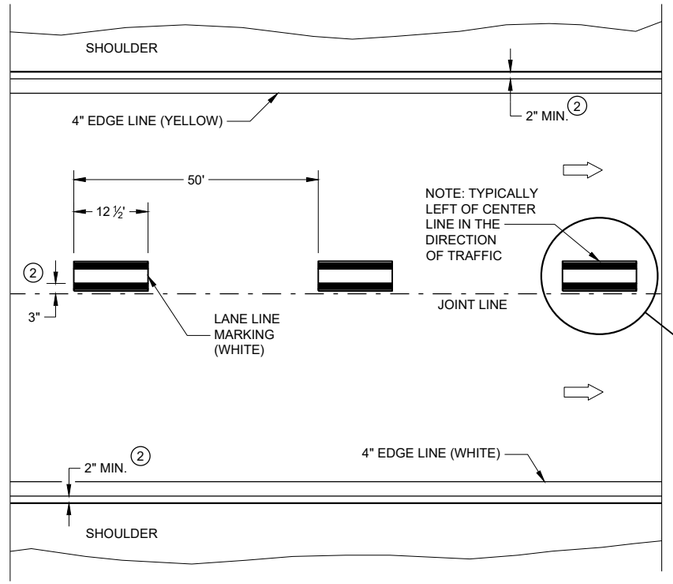
SDD 15C07 - 15e

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SDD15C07 - 15e

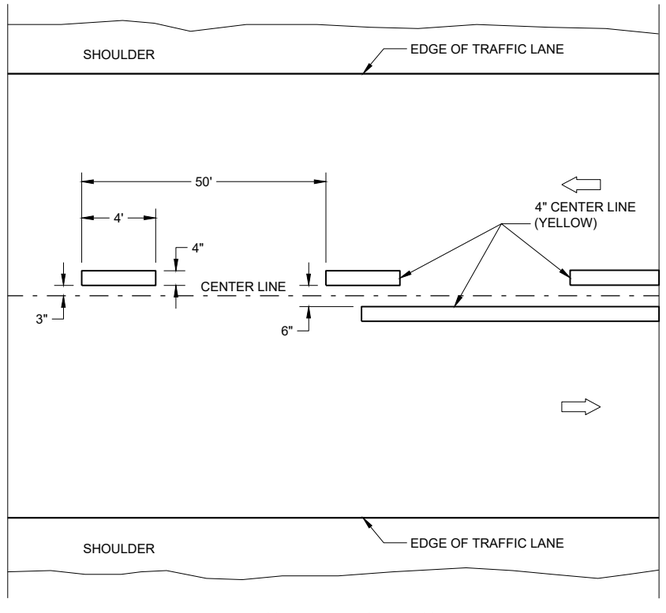



**TWO WAY TRAFFIC**

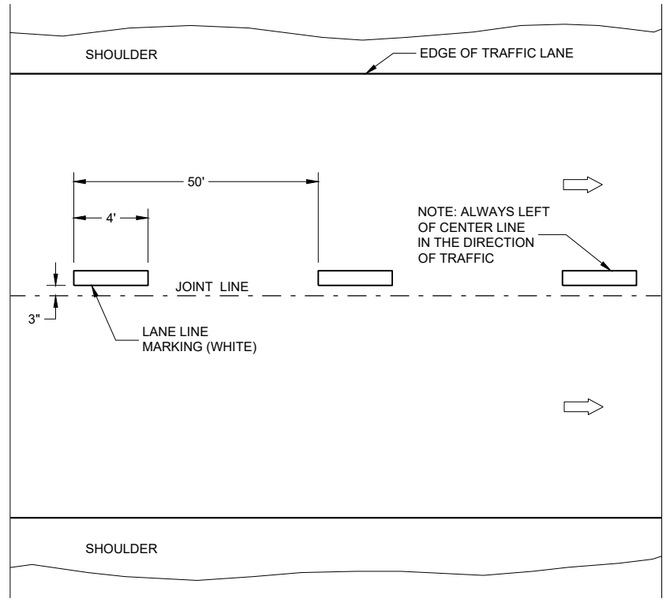



**ONE WAY TRAFFIC**

## PERMANENT PAVEMENT MARKING




**TWO WAY TRAFFIC**




**ONE WAY TRAFFIC**

## TEMPORARY PAVEMENT MARKING

## GENERAL NOTES

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

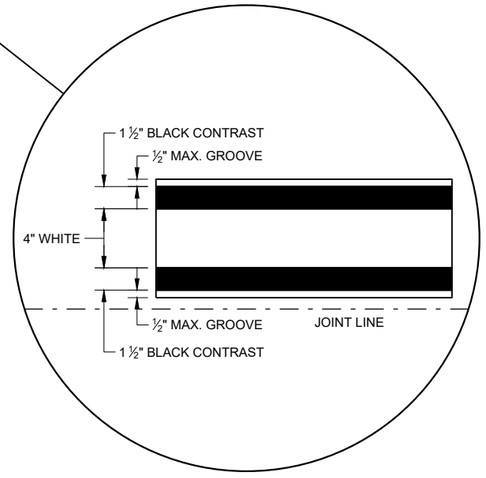
1. LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING
2. MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

## LEGEND

"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC




**LONGITUDINAL MARKING (MAINLINE)**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020 — DATE
/S/ Matthew Rauch — STATEWIDE SIGNING AND M ENGINEER

FHWA

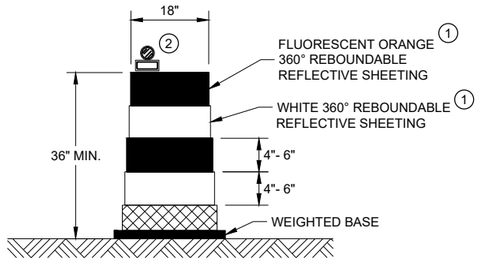


SDD 15C08 - 20a

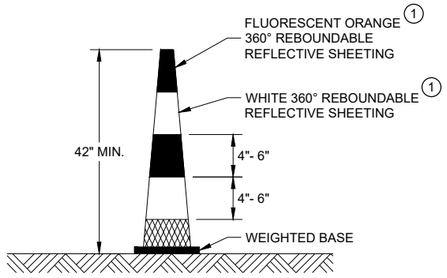
SDD 15C08 - 20a

## 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.

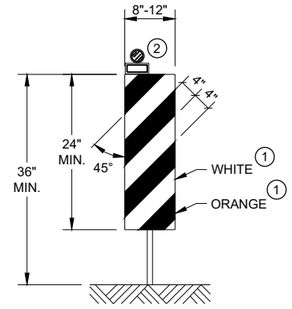



### DRUM



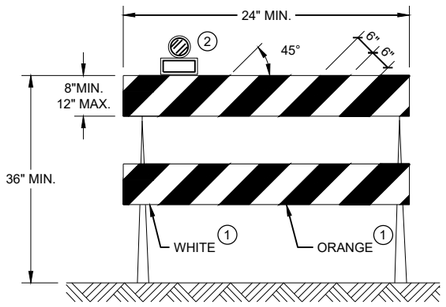

### 42" CONE

DO NOT USE IN TAPERS
½ SPACING OF DRUMS



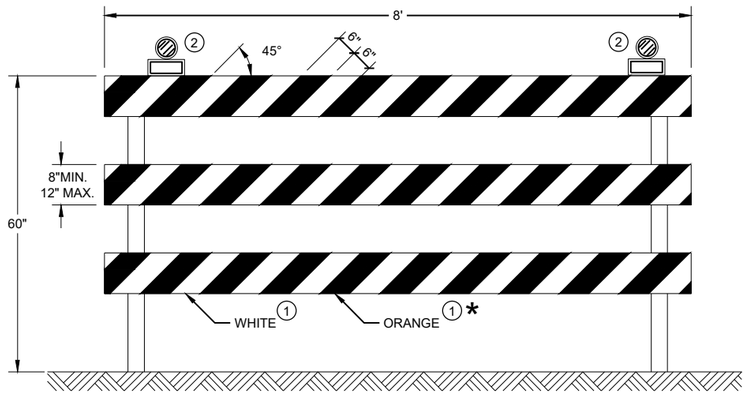

### VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.




### TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL 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
May 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

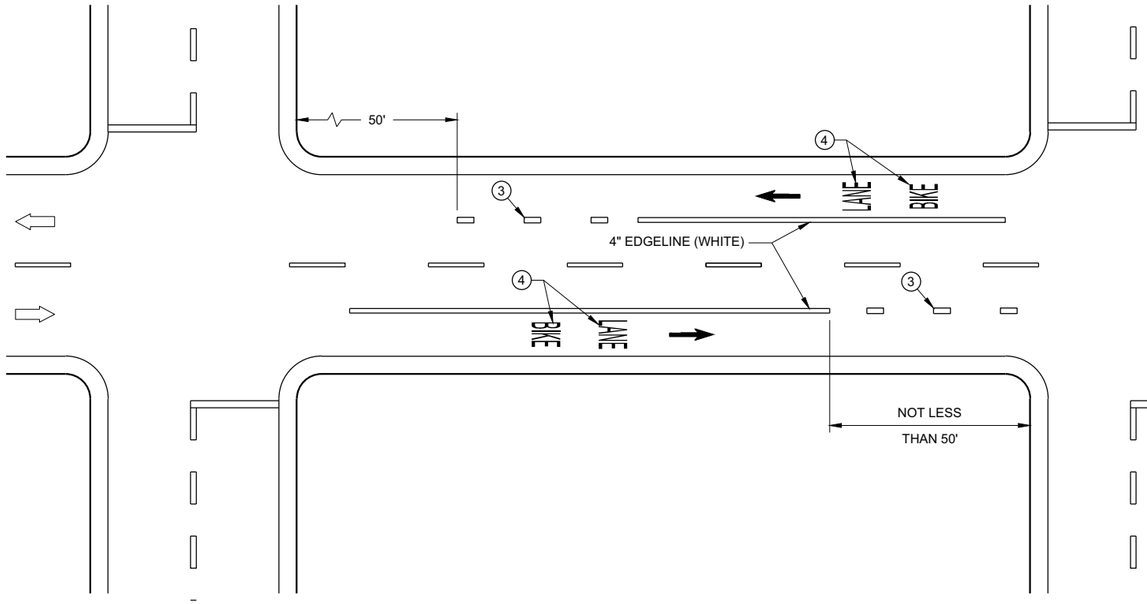


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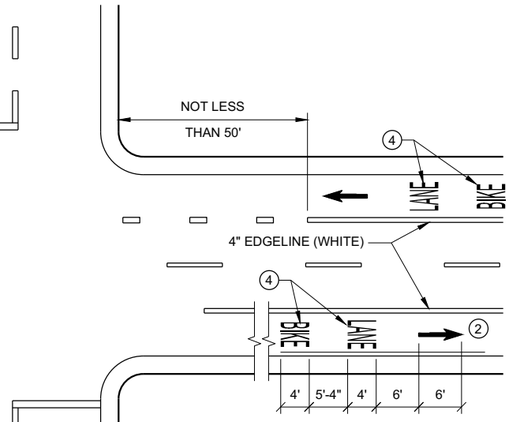
SDD15C11 - 09b

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SDD15C11 - 09b



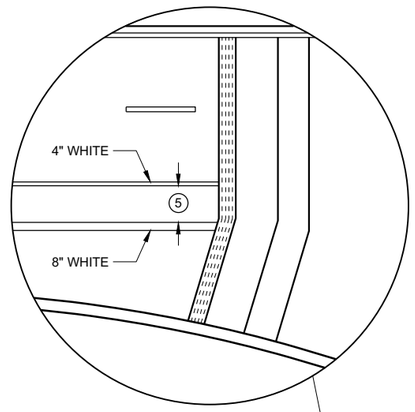

**DESIGNATED BIKE LANE - NO PARKING**



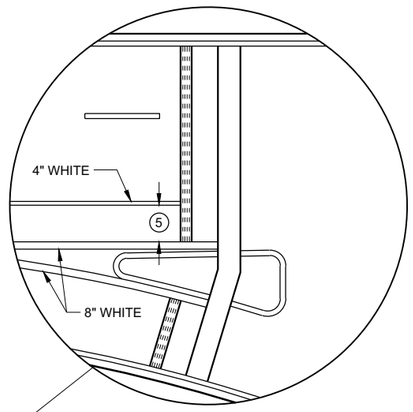

## GENERAL NOTES

1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. MINIMUM OF ONE PER BLOCK. MAXIMUM OF 250 FEET.
3. DOTTED LINES (3' LINE, 9' GAP) SHOULD BE USED 50 FEET TO 200 FEET IN ADVANCE OF AN INTERSECTION WHERE THERE IS NO RIGHT TURN ONLY LANE AND THERE IS HEAVY RIGHT TURN TRAFFIC OR THERE IS A NEAR-SIDE BUS STOP. AT OTHER INTERSECTIONS WHERE RIGHT TURN TRAFFIC IS LIGHT TO MODERATE, A SOLID LINE CAN BE USED UP TO THE INTERSECTION.
4. BIKE SYMBOLS OR WORDS MAY BE USED.
5. BIKE ACCOMMODATION IS TYPICAL 5 FEET WIDE AND MINIMUM OF 4 FEET FROM A LONGITUDINAL JOINT. USE 5 FEET AT ≥ 45 MPH.
6. OMIT THESE MARKINGS FOR WIDER TURN LANE APPLICATIONS (MINIMUM OF 15 FOOT WIDE TURN LANE).
7. REFER TO CONTRACT PLANS FOR LANE WIDTH.

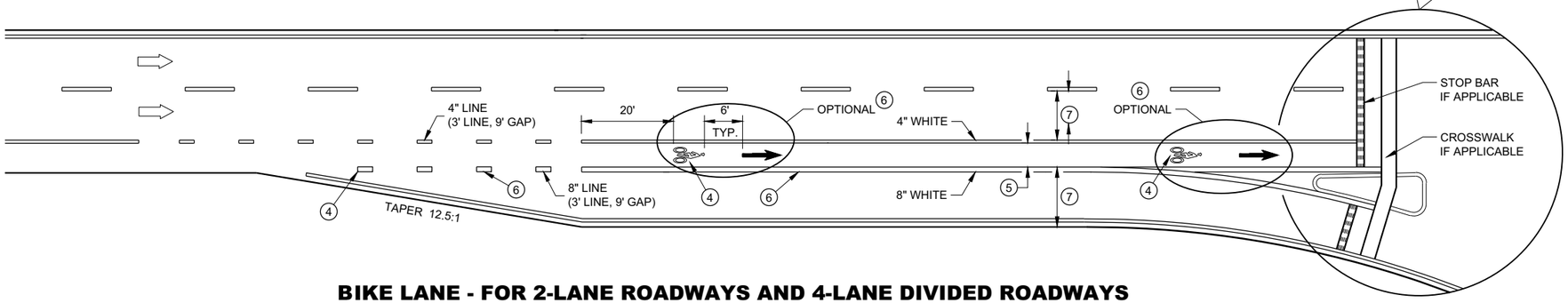
DIRECTION OF TRAVEL




**4 LANE DIVIDED WITHOUT ISLAND**




**4 LANE DIVIDED WITH ISLAND**




**BIKE LANE - FOR 2-LANE ROADWAYS AND 4-LANE DIVIDED ROADWAYS**
**(4-LANE DIVIDED WITH RIGHT TURN LANE SHOWN)**

**BIKE LANE MARKING**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MAF ENGINEER
FHWA



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SDD 15C29 - 07a

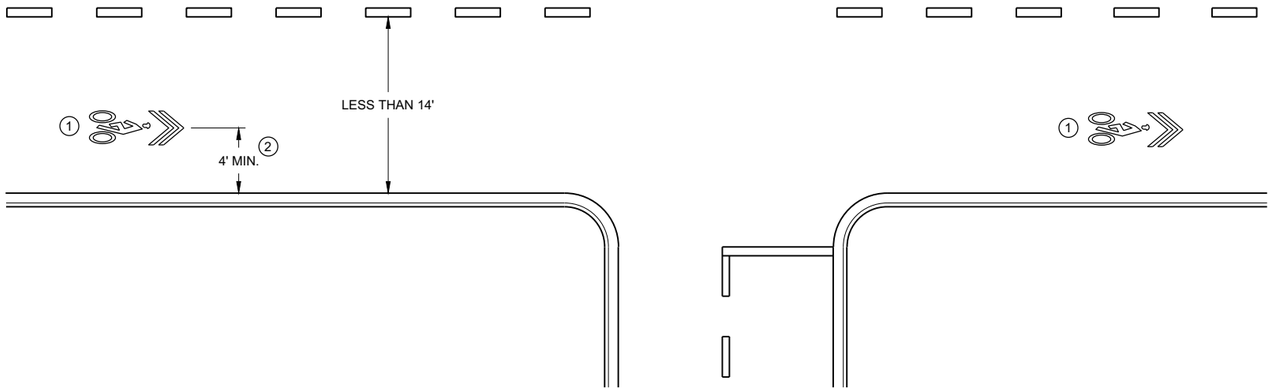
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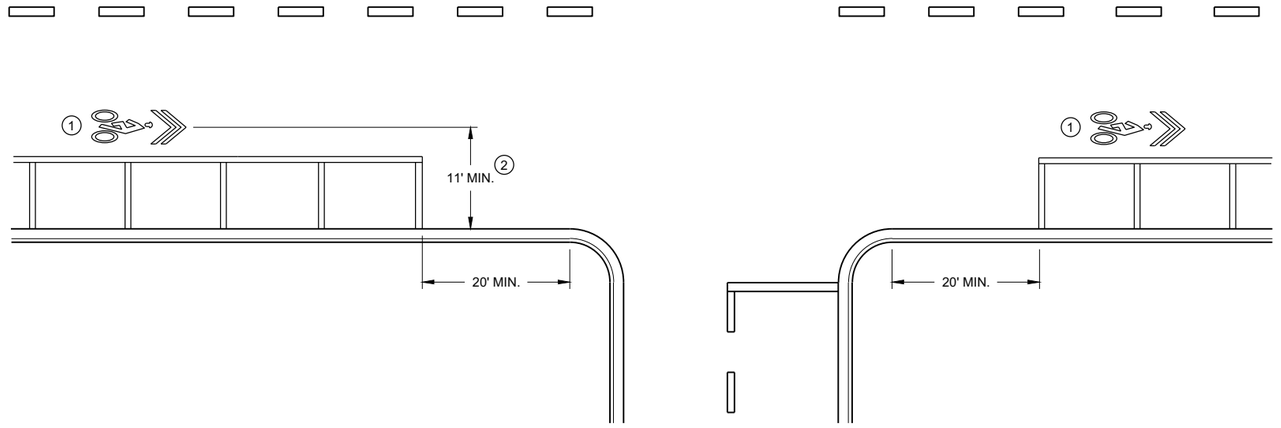
## GENERAL NOTES

(1) MINIMUM OF ONE PER BLOCK, MAXIMUM OF 250 FEET.

(2) OR TO EDGE OF PAVEMENT WITHOUT CURB.




**WITHOUT PARKING**




**WITH PARKING**

# PAVEMENT MARKING FOR SHARED LANE 35 MPH OR LESS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2020
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAR ENGINEER

FHWA



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SDD 15C29 - 07b

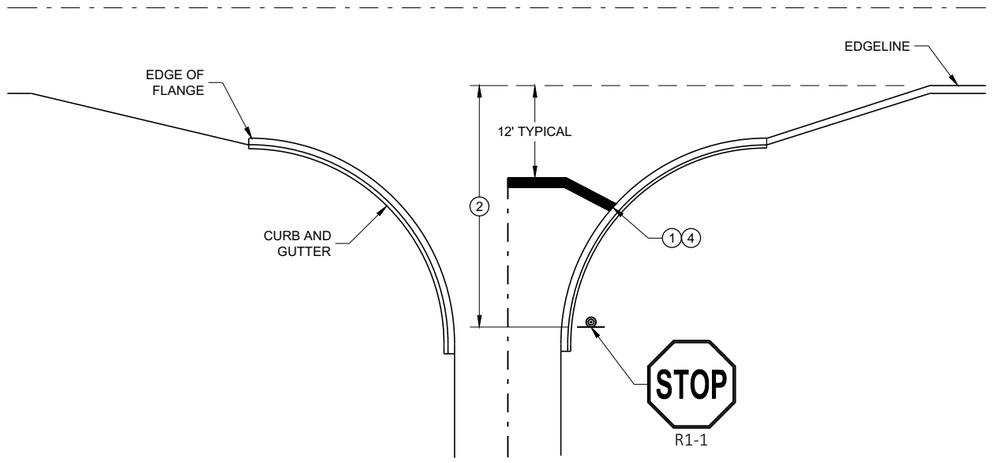
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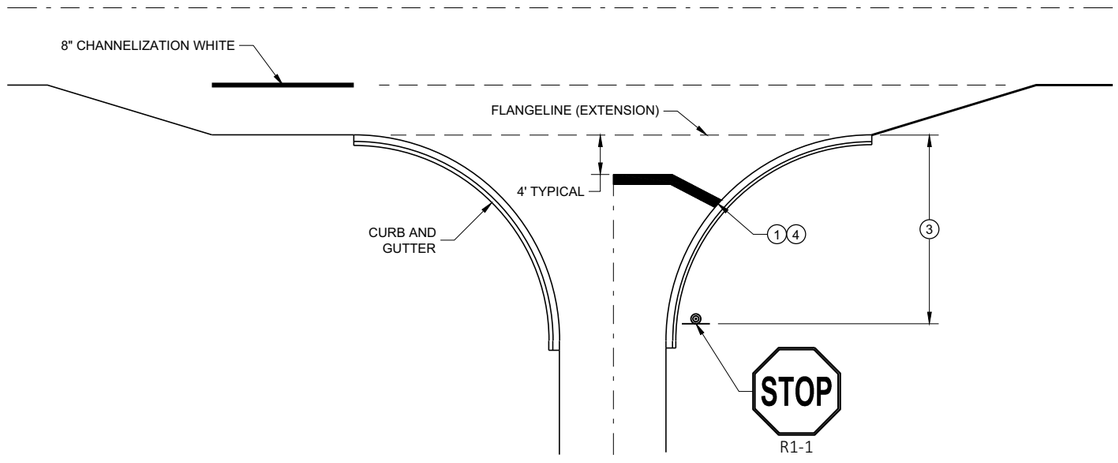
## GENERAL NOTES

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

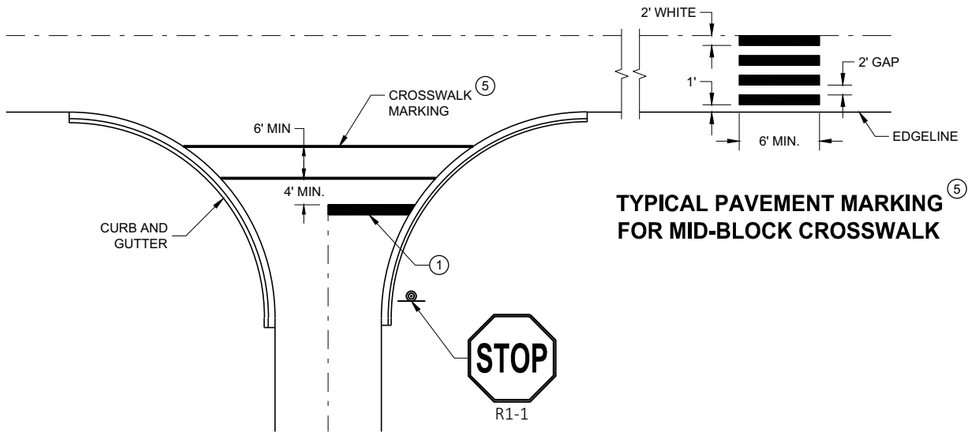
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE 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 INSTEAD.




**TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER**

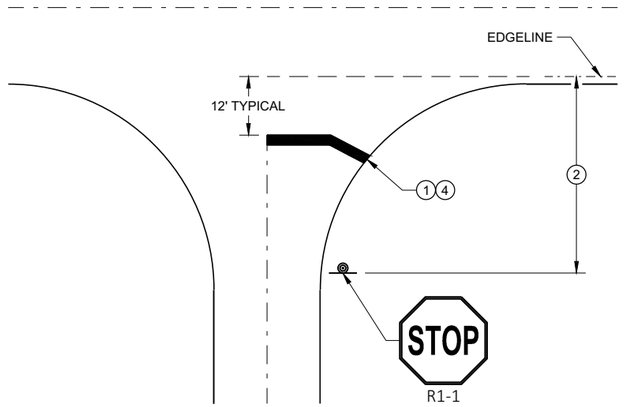



**TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE**




**TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK** 5

**TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS 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
November 2019
DATE

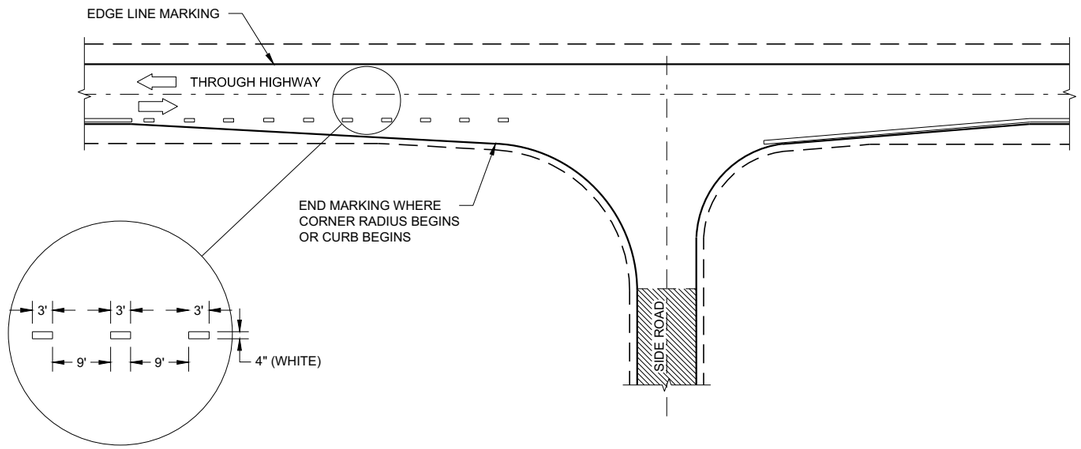
/S/ Matthew Rauch
STATE SIGNING AND MAF ENGINEER

FHWA

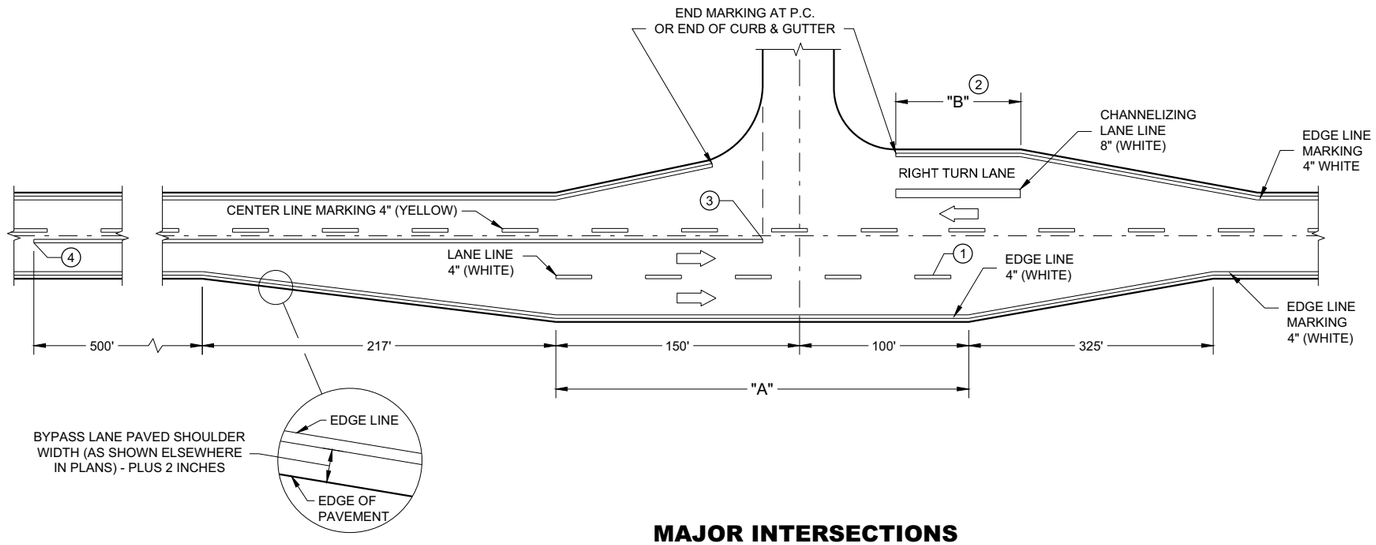



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SDD 15C33 - 04




**MINOR INTERSECTION**




**MAJOR INTERSECTIONS**

**(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)**

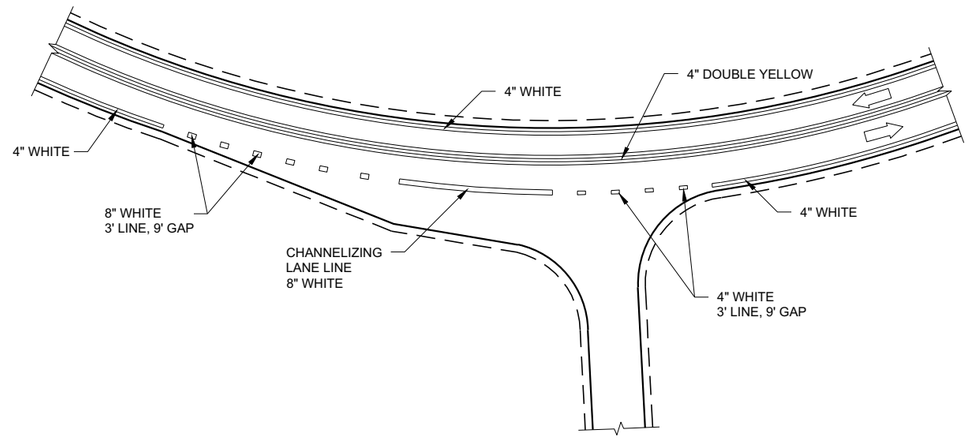
## GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.

## LEGEND

DIRECTION OF TRAVEL




**INTERSECTION ON OUTSIDE OF CURVE**

**PAVEMENT MARKING (INTERSECTIONS)**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



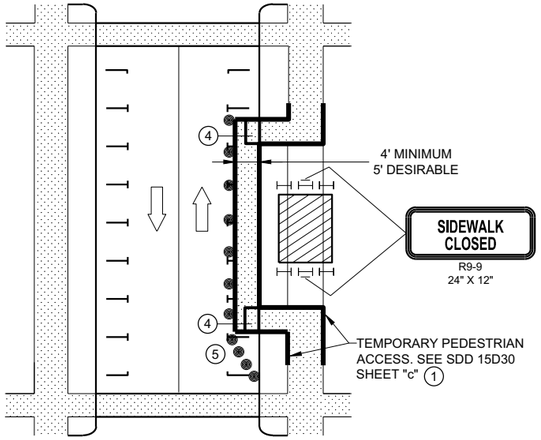


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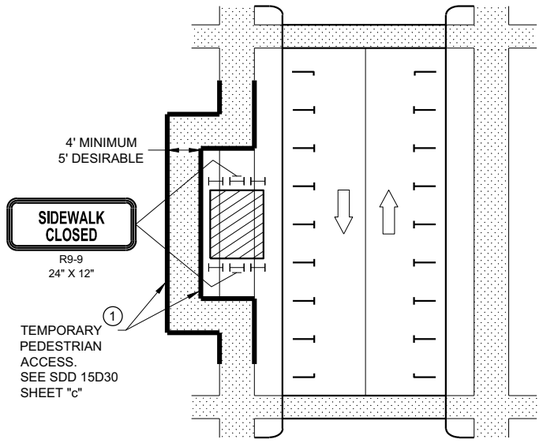
SDD 15C35 - 04a

NOTE: MAY BE USED ON ROADWAY WITH POSTED SPEED OF LESS THAN 40 MPH.

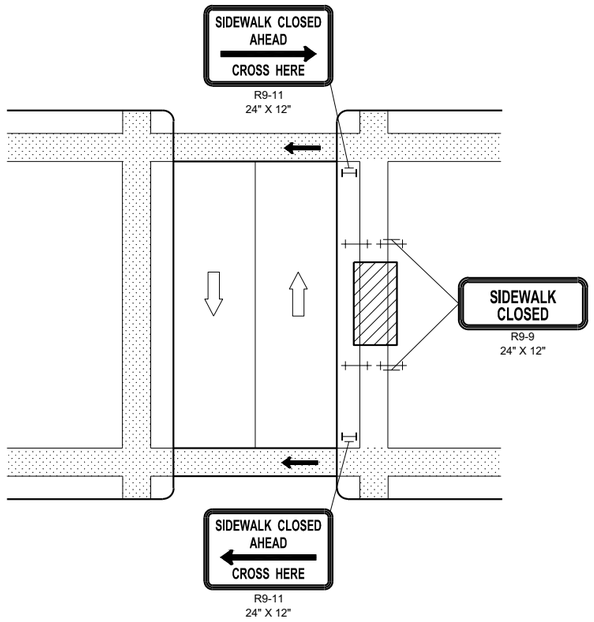



**MID-BLOCK SIDEWALK SIDEWALK CLOSURE IN PARKING LANE**

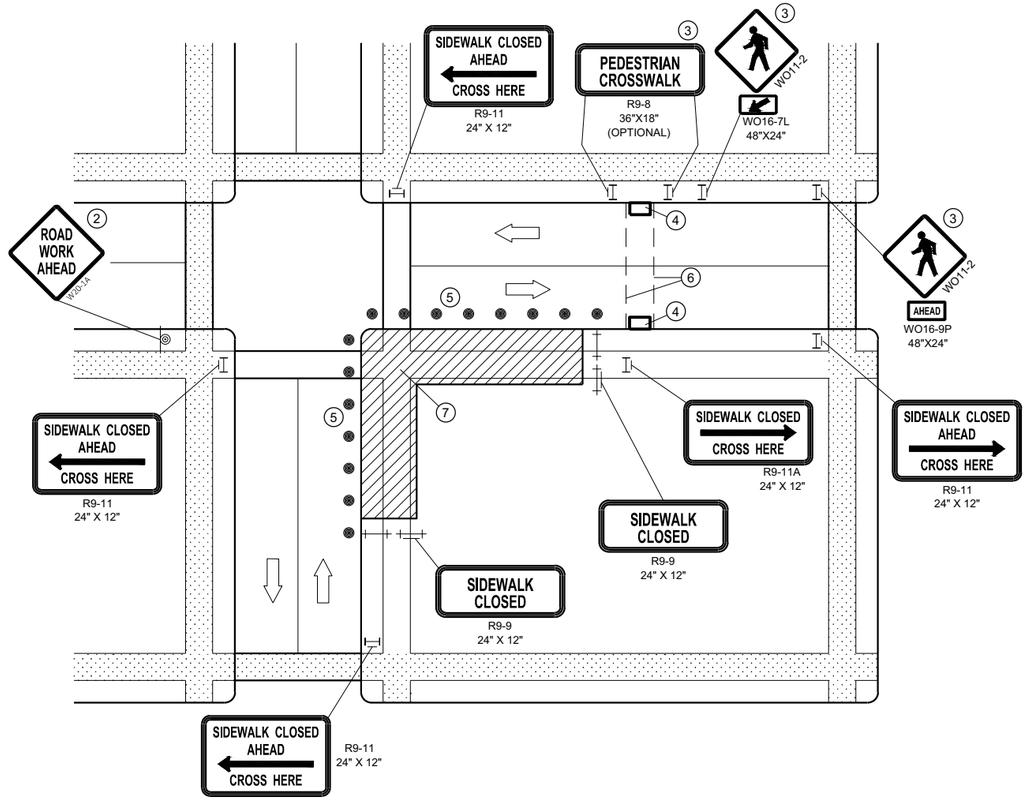
NOTE: LAYOUT SAME AS ABOVE.




**SIDEWALK DIVERSION**




**MID-BLOCK SIDEWALK CLOSURE**




**CORNER SIDEWALK CLOSURE WITH TEMPORARY CROSSWALK**

## GENERAL NOTES

WHEN CLOSING OR RELOCATING CROSSWALKS OR SIDEWALKS, PROVIDE DETECABLE TEMPORARY FACILITIES AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING PEDESTRIAN FACILITIES.

TEMPORARY TRAFFIC CONTROL DEVICES FOR PEDESTRIANS ARE SHOWN. OTHER DEVICES MAY BE NECESSARY TO CONTROL VEHICULAR TRAFFIC. STAGE WORK AS NECESSARY, TO PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE AT ALL TIMES. FOR ROADWAYS WITH NO AVAILABLE DETOURS, MAINTAIN ONE OPEN SIDEWALK AT ALL TIMES.

"WO" SIGN IS THE SAME AS "W" SIGN, EXCEPT THE BACKGROUND IS ORANGE.

FOR NIGHTIME CLOSURE, USE TYPE "A" FLASHING WARNING LIGHTS ON BARRICADES, SUPPORTING SIGNS AND CLOSING SIDEWALK. USE TYPE "C" STEADY BURN LIGHTS ON CHANNELIZING DEVICES SEPARATING THE WORK AREA FROM VEHICULAR TRAFFIC.

PEDESTRIAN TRAFFIC SIGNAL DISPLAY CONTROLLING CLOSED CROSSWALK SHALL BE COVERED OR DEACTIVATED.

POST MOUNTED SIGNS LOCATED ADJACENT TO A SIDEWALK SHALL HAVE A 7 FOOT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK SURFACE.

ALTERNATE SIDEWALK WORK BETWEEK LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

1. IF SIDEWALK CLOSURE AFFECTS AN ACCESSIBLE AND DETECTABLE FACILITY, MAINTAIN ACCESSIBILITY AND DETECTABILITY ALONG THE ALTERNATE PEDESTRIAN ROUTE
2. "ROAD WORK AHEAD" SIGNS ARE NOT REQUIRED IF THE SIDEWALK CLOSURE OCCURS WITHIN A LARGER WORK ZONE WHERE ADVANCE WARNING SIGNS ARE ALREADY PRESENT, OR IF THE WORK AREA AND EQUIPMENT ARE MORE THAN 2 FEET BEHIND THE CURB.
3. IF TEMPORARY PEDESTRIAN CROSSWALK IS NOT PROVIDED, OMIT R9-8 AND WO11-2 SIGN ASSEMBLIES. IF PROVIDED INCLUDE ON BOTH SIDES OF THE CROSSWALK.
4. TEMPORARY CURB RAMPS. SEE SDD 15D30 SHEET "b'.
5. DRUMS OR BARRICADES AT 25 FOOT SPACING. STREET PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MID-BLOCK CROSSWALK.
6. TEMPORARY PAVEMENT MARKING FOR CROSSWALK LINES.
7. LIMIT WORK TO ONE QUADRANT AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTION.

## LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE II BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)
- TYPE III BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- PEDESTRIAN CHANNELIZATION DEVICE
- DIRECTION OF TRAFFIC

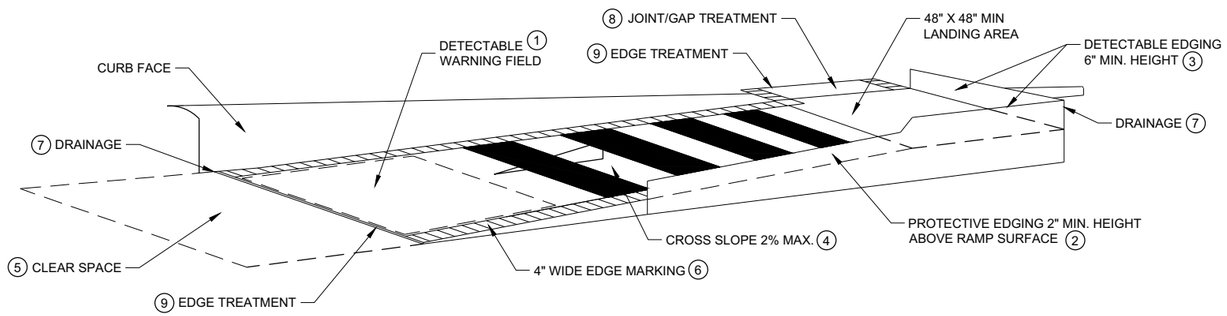
**TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

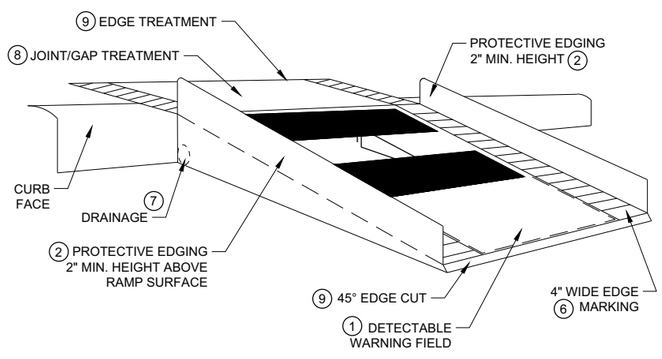



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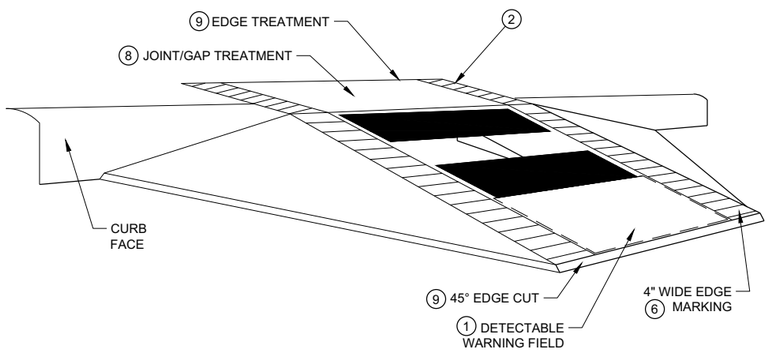

SDD15D30 - 06a




## TEMPORARY CURB RAMP PARALLEL TO CURB




WITH PROTECTIVE EDGE




WITH SIDE APRON

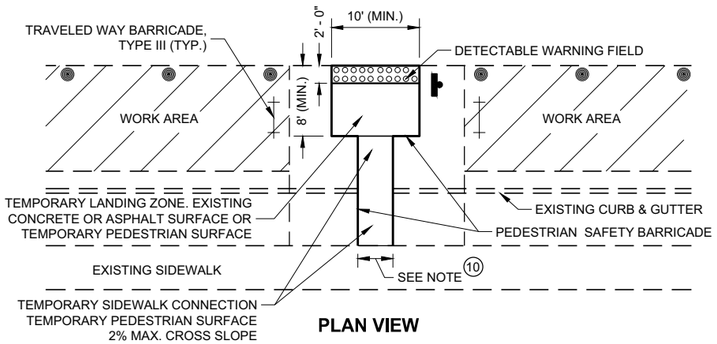
## TEMPORARY CURB RAMP PERPENDICULAR TO CURB

## GENERAL NOTES

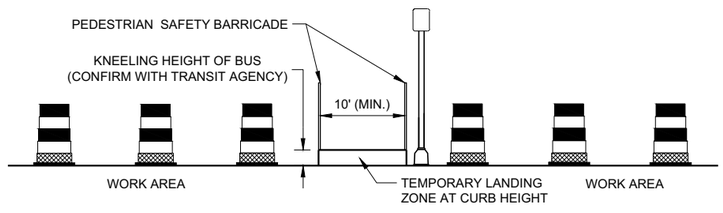
NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

1. CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A A FIRM, STABLE AND SLIP RESISTANT SURFACE. INSTALL CONTRASTING DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS. REFER TO SDD 08D05, SHEET "e".
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. CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.
5. CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
6. THE CURB RAMP WALKWAY EDGE SHALL BE MARKED WITH A YELLOW COLOR, 4" WIDE MARKING, UNLESS A CONTRASTING DETECTABLE WARNING FIELD IS PROVIDED.
7. DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
8. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.
9. CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES SHALL BE VERTICAL UP TO ¼" HIGH AND BEVELED AT 1:2 BETWEEN ¼" AND ½".
10. 5" WIDE MIN. WITH PEDESTRIAN SAFETY BARRICADE, 10' WIDE MIN. WITHOUT PEDESTRIAN SAFETY BARRICADE.




PLAN VIEW




PROFILE VIEW

## TEMPORARY BUS STOP PAD

### LEGEND

- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- WORK AREA

**TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION**

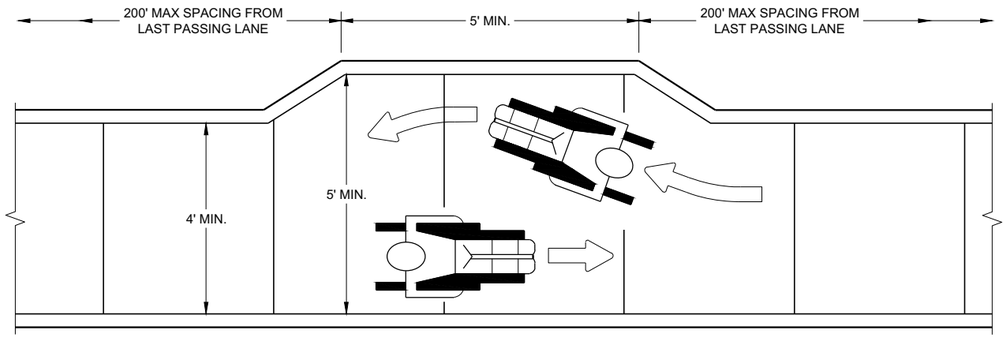
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



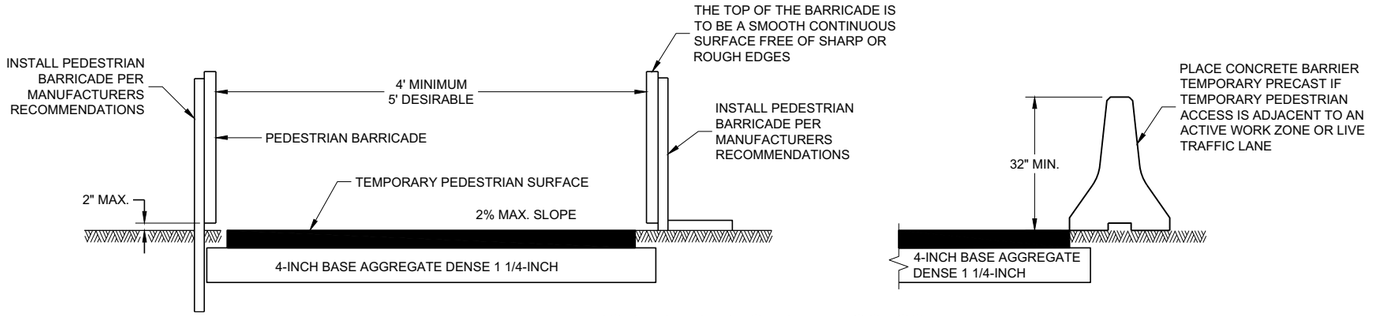




SDD 15D30 - 06b



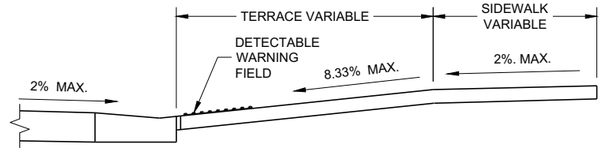

**NARROW SIDEWALK PASSING DETAIL**



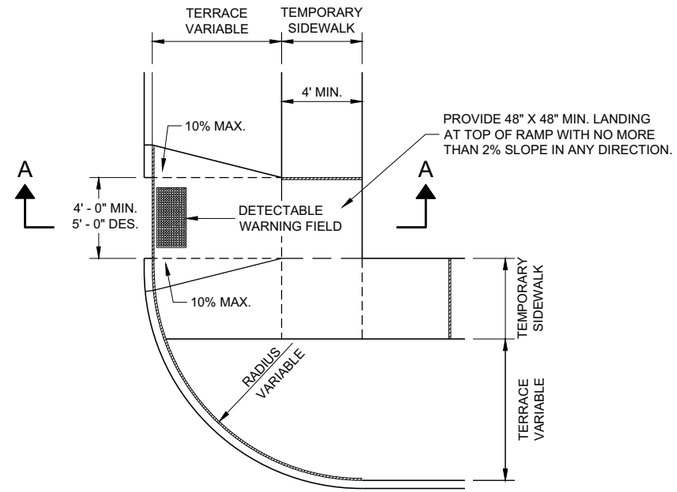




**TEMPORARY PEDESTRIAN ACCESS**



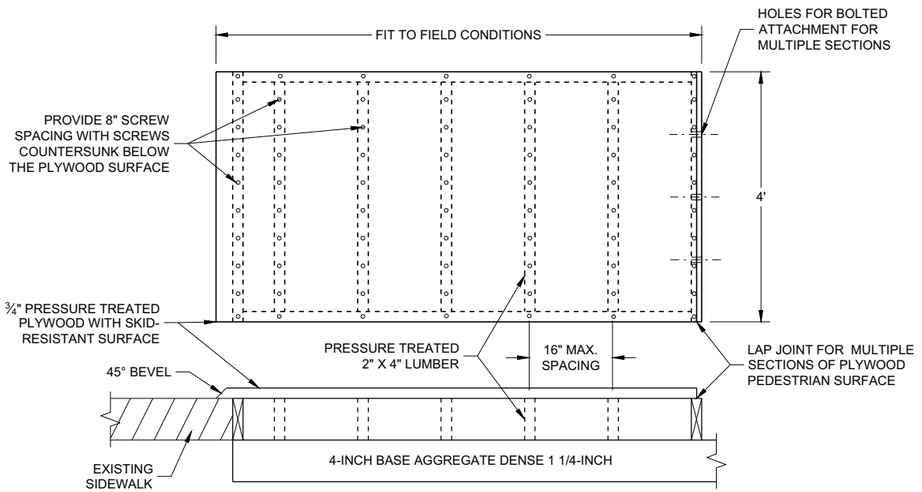

**SECTION A - A**



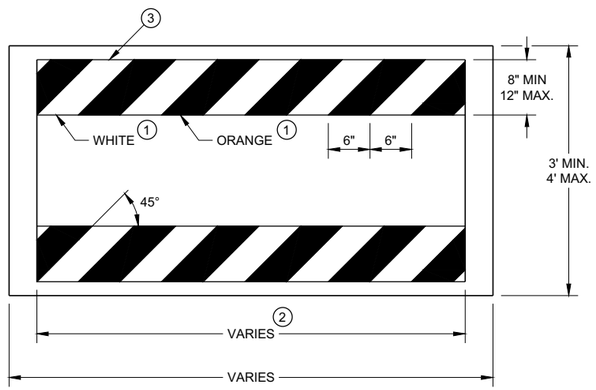

**PLAN VIEW**

**TEMPORARY TYPE 3 RAMP**

(OUTSIDE OF CROSSWALK AREA)




**TEMPORARY PEDESTRIAN SURFACE PLYWOOD**




**TEMPORARY PEDESTRIAN BARRICADE ***

## 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.

**TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA



SDD 15D30 - 06c

6

SDD 15D30 - 06c




NOTES

1. SIGN IS TYPE II - TYPE H REFLECTIVE - REFERENCE WIS DOT STANDARD SPECIFICATION FOR HIGHWAY AND STRUCTURE CONSTRUCTION LATEST EDITION.
2. COLOR:
   BACKGROUND - SIGN IS WHITE; UPPER LEFT CORNER IS GREEN
   MESSAGE - LEGEND AND BORDER ARE GREEN; UPPER LEFT MESSAGE IS WHITE
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.

7

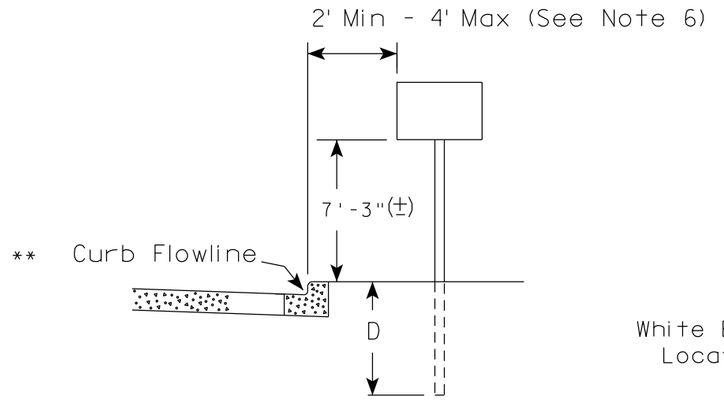
7

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | SIGN DETAILS | SHEET 120 | E |
|---|---|---|---|---|---|

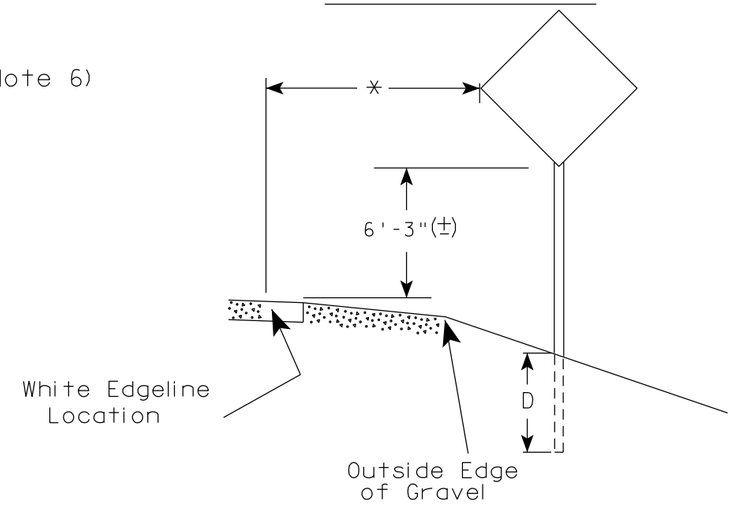
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LAYOUT NAME - Sheet - 01
PLOT DATE : 7/23/2021 12:23 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:5 FT

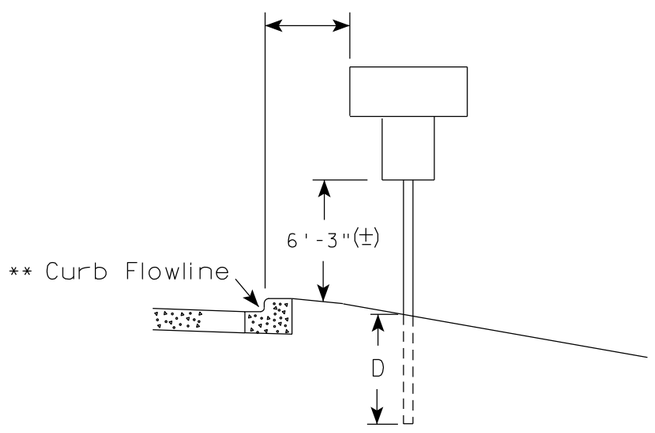
WISDOT/CADDS SHEET

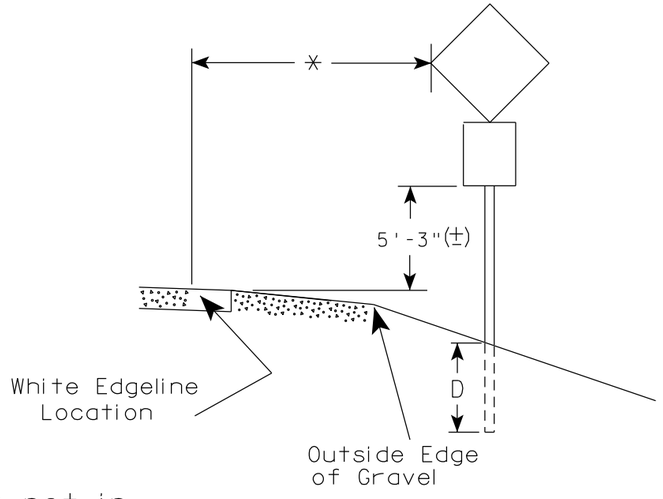
## URBAN AREA




## 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" (±). 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. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. The (±) tolerance for mounting height is 3 inches.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.

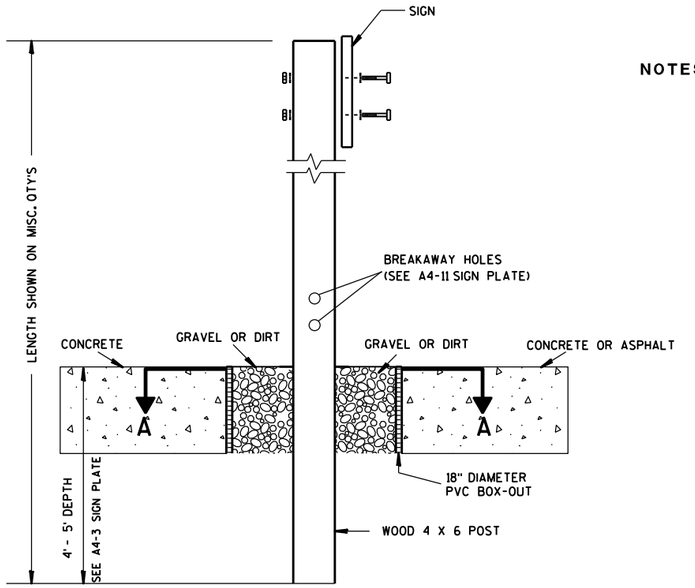
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/13/2020 PLATE NO. A4-3.22

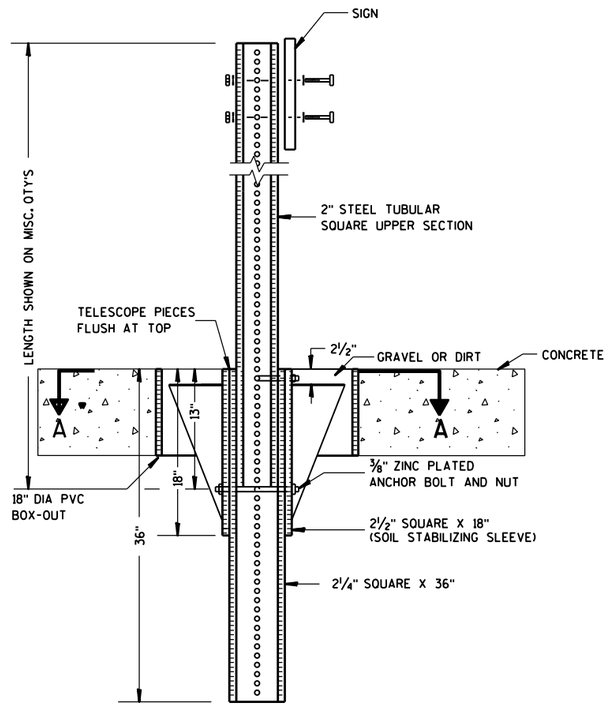
| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 121 | E |
|---|---|---|---|---|---|




**ELEVATION VIEW**

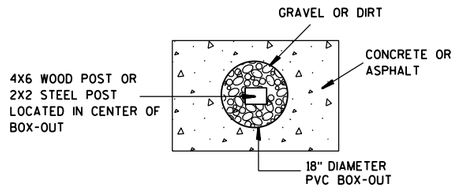
**DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT**

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

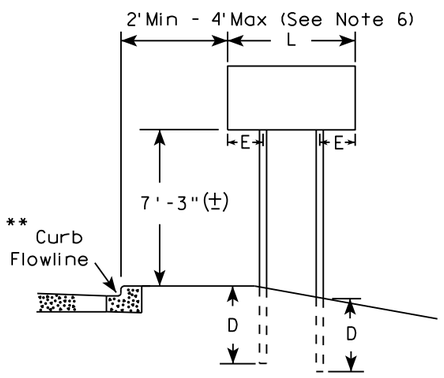
DATE 1/27/14 PLATE NO. A4-3B.1



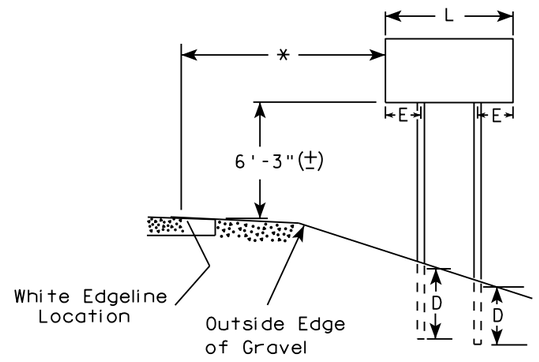
| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: | E |
|---|---|---|---|---|---|

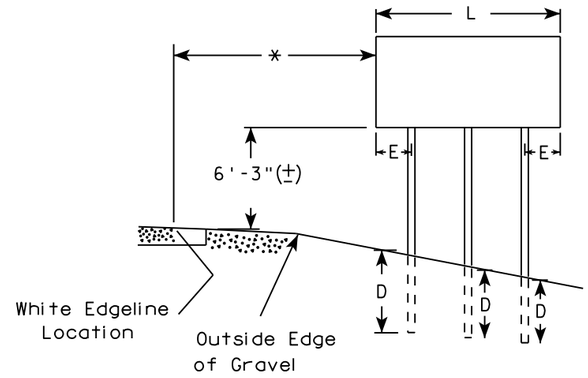
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

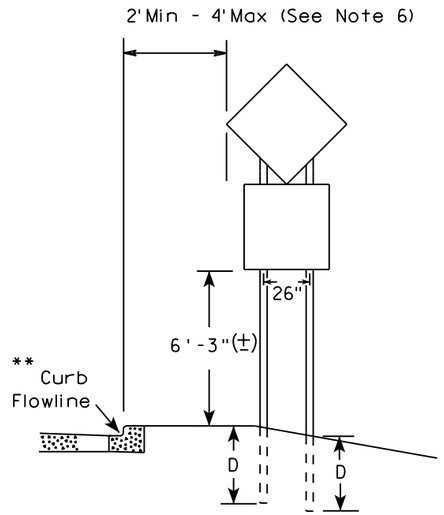
## URBAN AREA



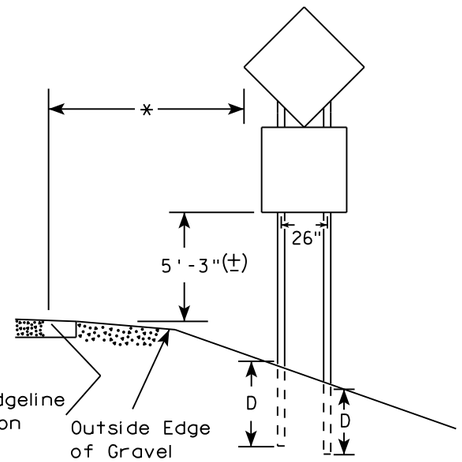

## RURAL AREA (See Note 3)




48" DIAMOND WARNING SIGN




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" (±) or 6'-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" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-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" (±).

* 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' |

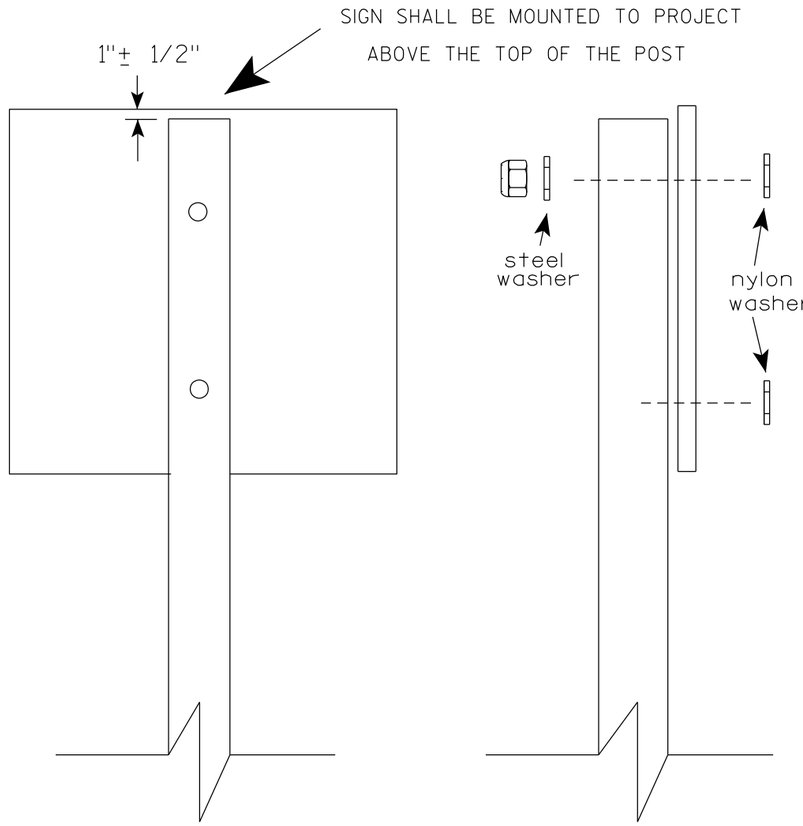
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

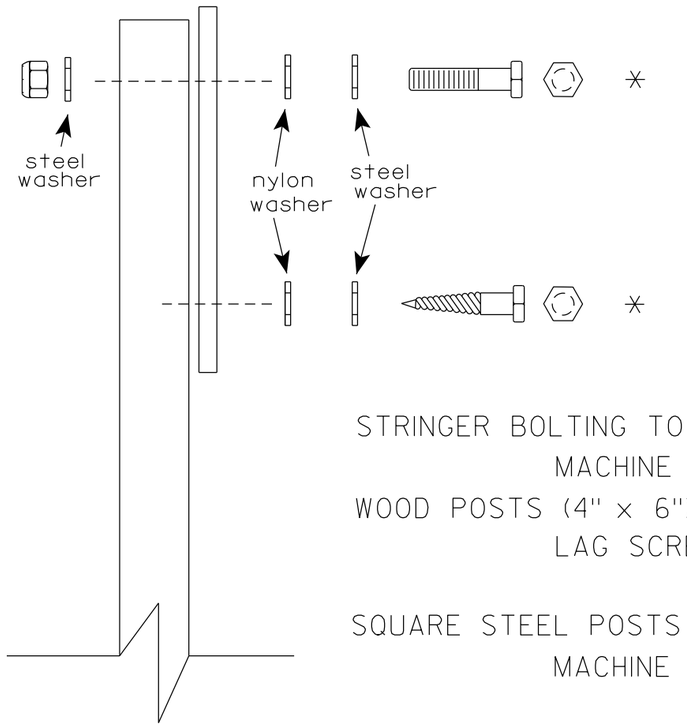
*WISCONSIN DEPT OF TRANSPORTATION*

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-4.15

| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 123 | 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

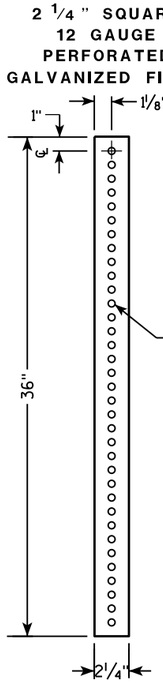
*WISCONSIN DEPT OF TRANSPORTATION*

APPROVED Matthew R Rauch
for State Traffic Engineer

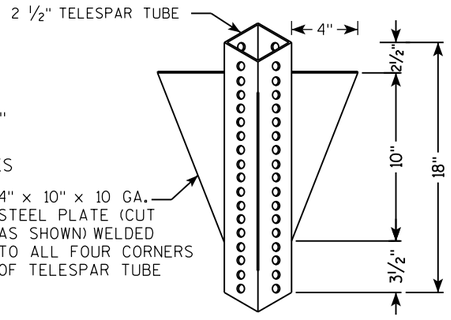
DATE 4/1/2020 PLATE NO. A4-8.9

## TELESCOPIC TUBING ANCHORS
## TWO PIECE SYSTEM

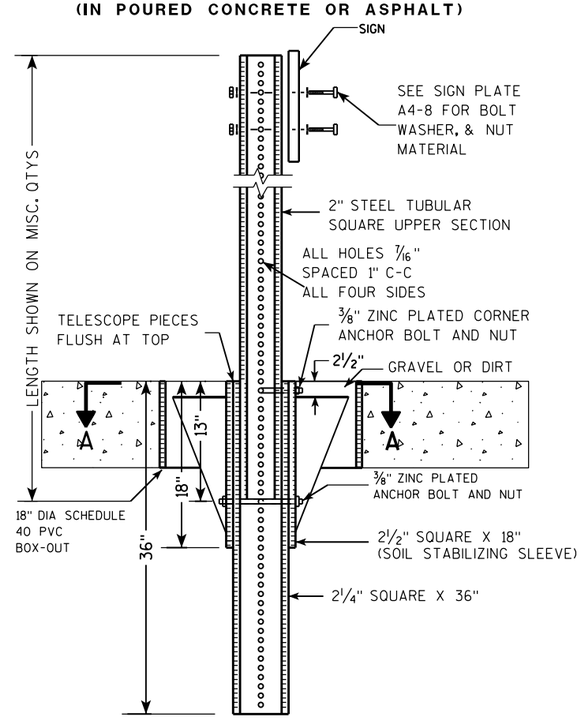
**2 ¼ " SQUARE**
**12 GAUGE**
**PERFORATED**
**GALVANIZED FINISH**



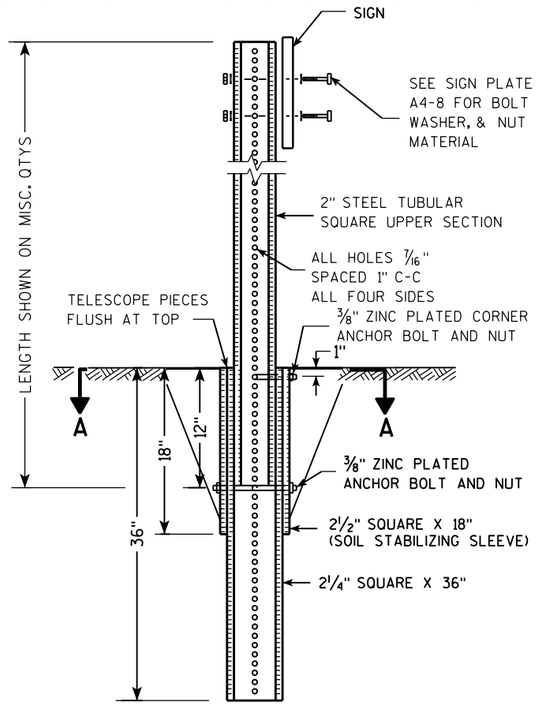

**2 ½ " SQUARE**
**12 GAUGE**
**OMNI-DIRECTIONAL**
**PERFORATED**
**SOIL STABILIZING SLEEVE**
**GALVANIZED FINISH**

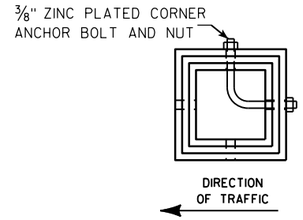



## DETAIL OF TUBULAR STEEL SIGN POST
**(IN POURED CONCRETE OR ASPHALT)**




## 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*

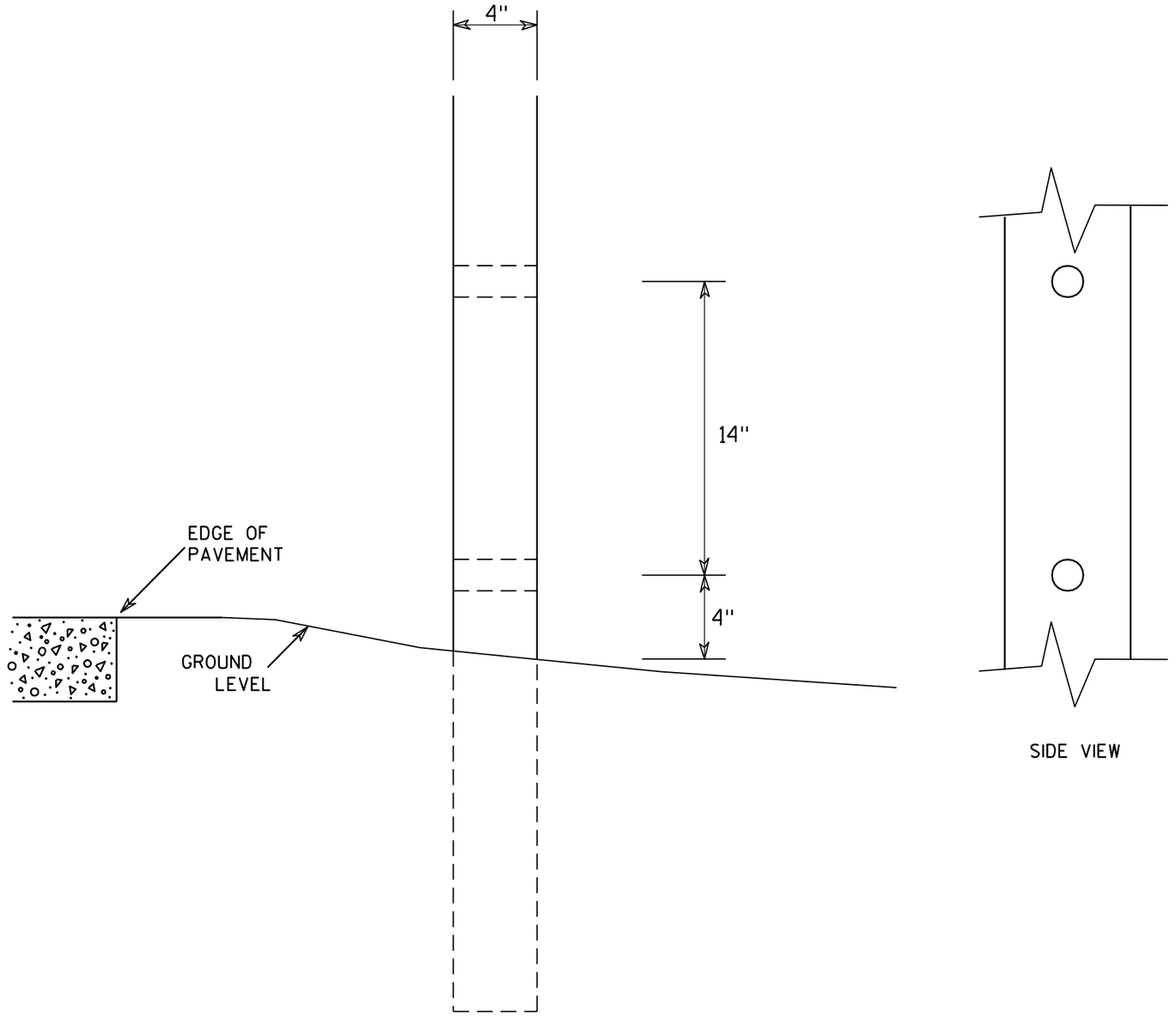
APPROVED Matthew R Rauch
*for* State Traffic Engineer

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

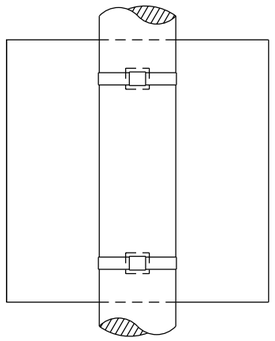
APPROVED Chester J Spang for State Traffic Engineer

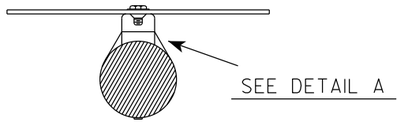
DATE 3/27/97 PLATE NO. A4-11.2

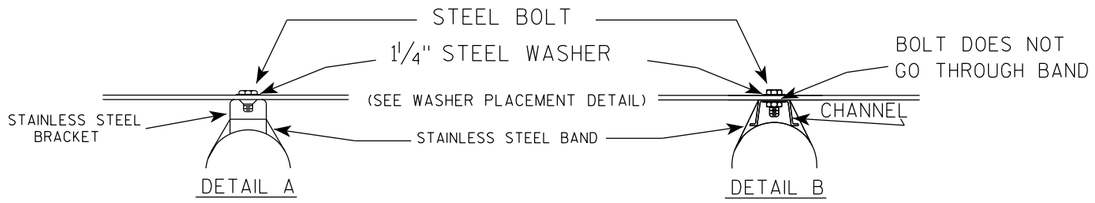
| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 126 | E |
|---|---|---|---|---|---|

# BANDING

SINGLE SIGN



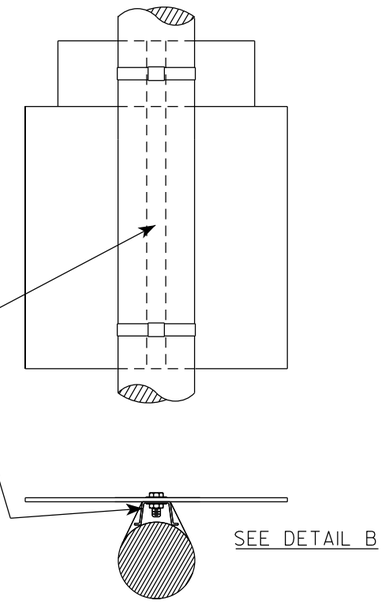


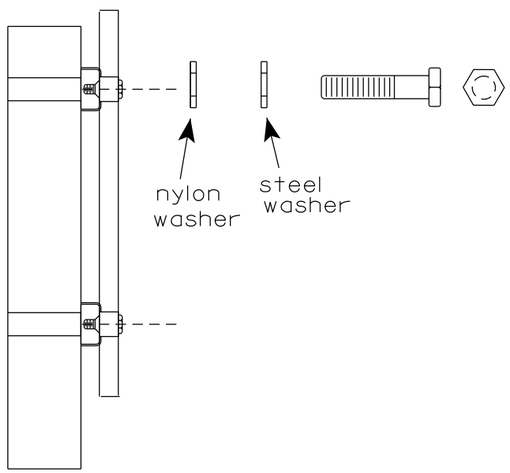

## GENERAL NOTES

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




WASHER PLACEMENT




WASHERS (ALL POSTS) -
1-1/4" O.D. X ⅜" I.D. X 1/16" STEEL
1-1/4" O.D. X ⅜" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

STANDARD SIGN
SIGN BANDING DETAILS

*WISCONSIN DEPT OF TRANSPORTATION*

APPROVED Matthew R Rauch
for State Traffic Engineer

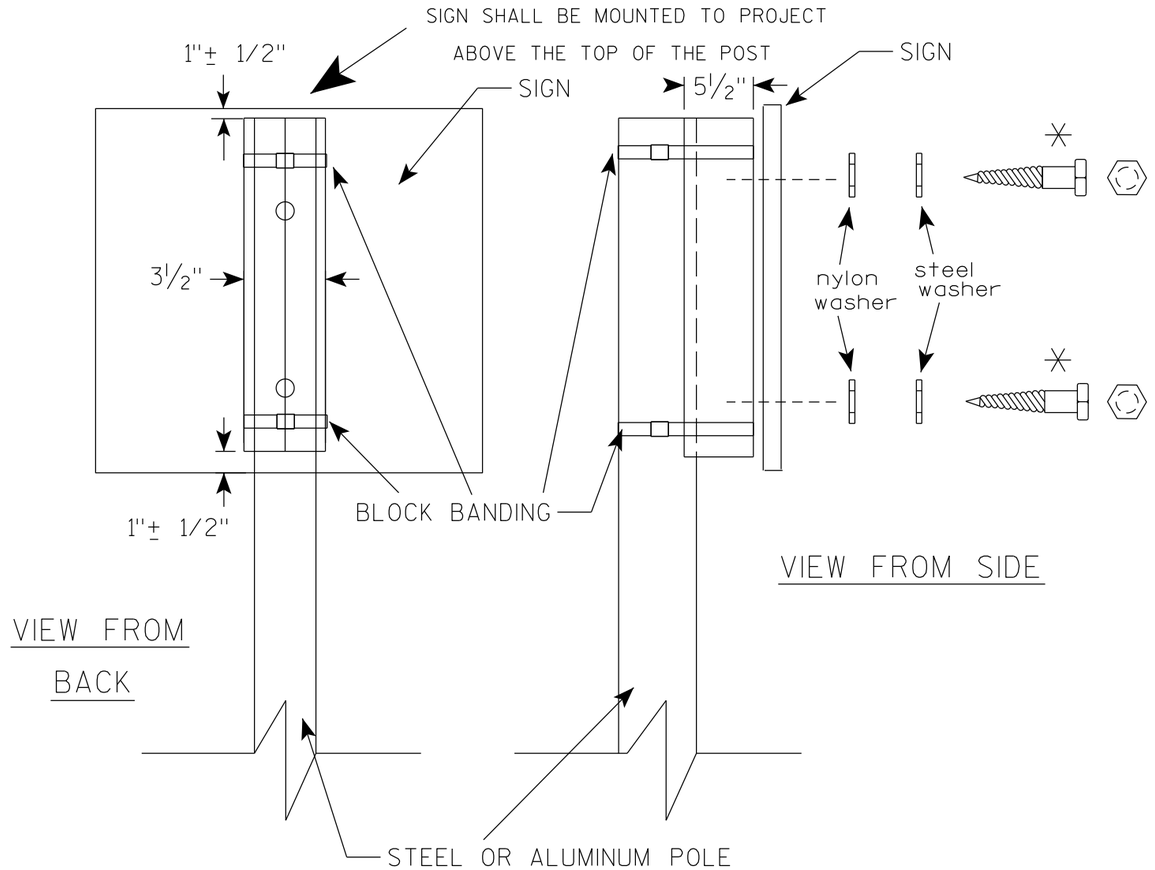
DATE 6/10/19 PLATE NO. A5-9.4

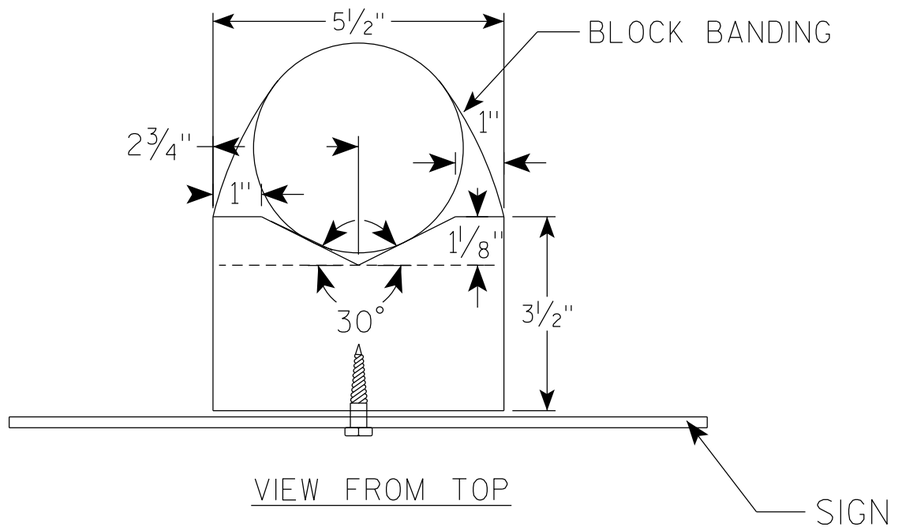
| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 127 | E |
|---|---|---|---|---|---|

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"

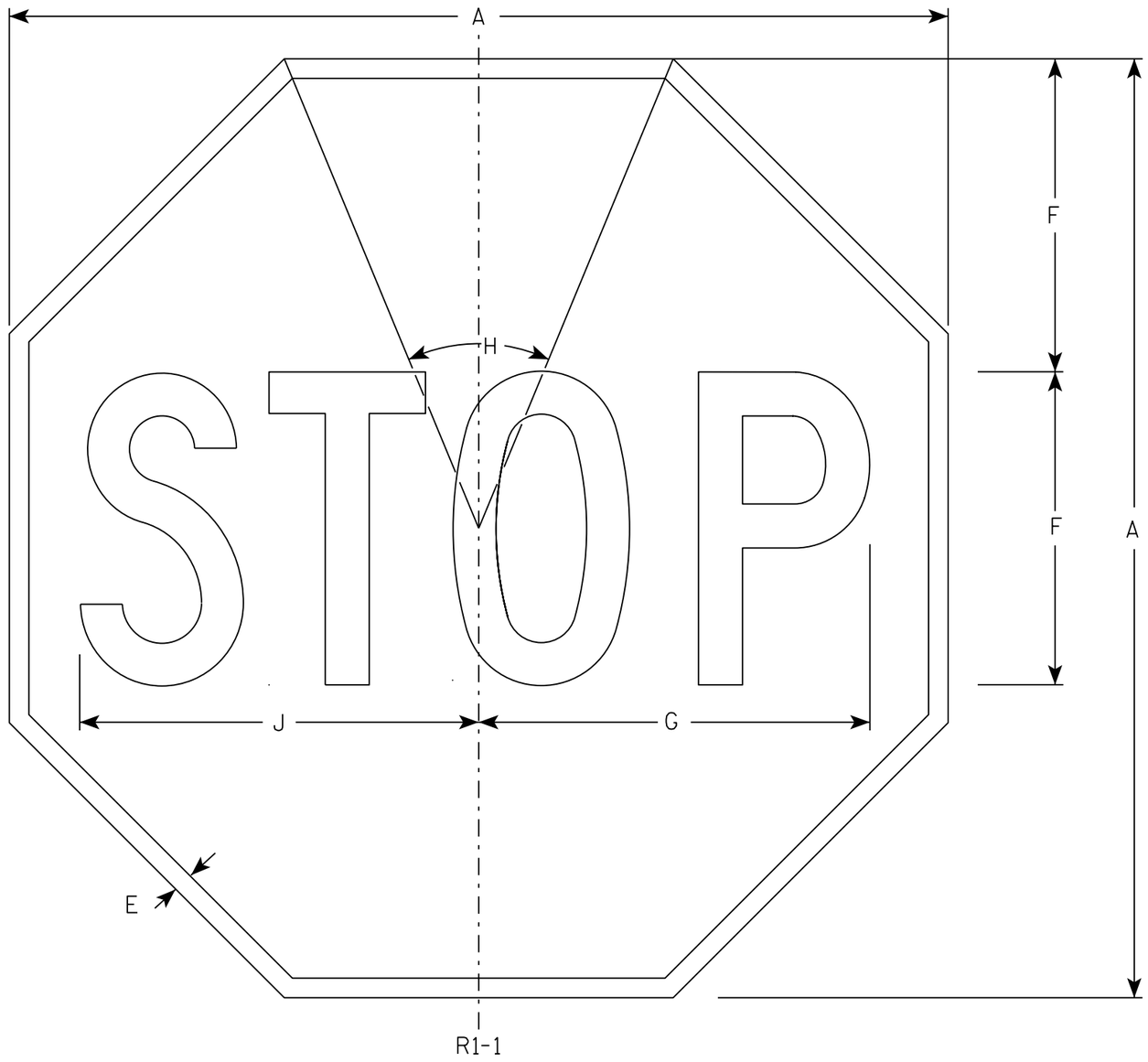
# BLOCK BANDING DETAIL ( V-BLOCK OPTION )

*WISCONSIN DEPT OF TRANSPORTATION*

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 6/10/19 PLATE NO. A5-10.2

PROJECT NO: | SHEET NO: 128 | E




NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message 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 | 30 | | | | 5/8 | 10 | 12 1/2 | 45° | | 12 3/4 | | | | | | | | | | | | | | | | | 5.18 |
| 2S | 30 | | | | 5/8 | 10 | 12 1/2 | 45° | | 12 3/4 | | | | | | | | | | | | | | | | | 5.18 |
| 2M | 36 | | | | 3/4 | 12 | 15 | 45° | | 15 3/8 | | | | | | | | | | | | | | | | | 7.46 |
| 3 | 36 | | | | 3/4 | 12 | 15 | 45° | | 15 3/8 | | | | | | | | | | | | | | | | | 7.46 |
| 4 | 48 | | | | 1 | 16 | 20 | 45° | | 20 1/2 | | | | | | | | | | | | | | | | | 13.25 |
| 5 | 48 | | | | 1 | 16 | 20 | 45° | | 20 1/2 | | | | | | | | | | | | | | | | | 13.25 |
| 6 | 18 | | | | 3/8 | 6 | 7 3/4 | 45° | | 7 3/4 | | | | | | | | | | | | | | | | | 1.86 |
| 7 | 12 | | | | 1/4 | 4 | 5 | 45° | | 5 1/8 | | | | | | | | | | | | | | | | | 0.78 |

STANDARD SIGN

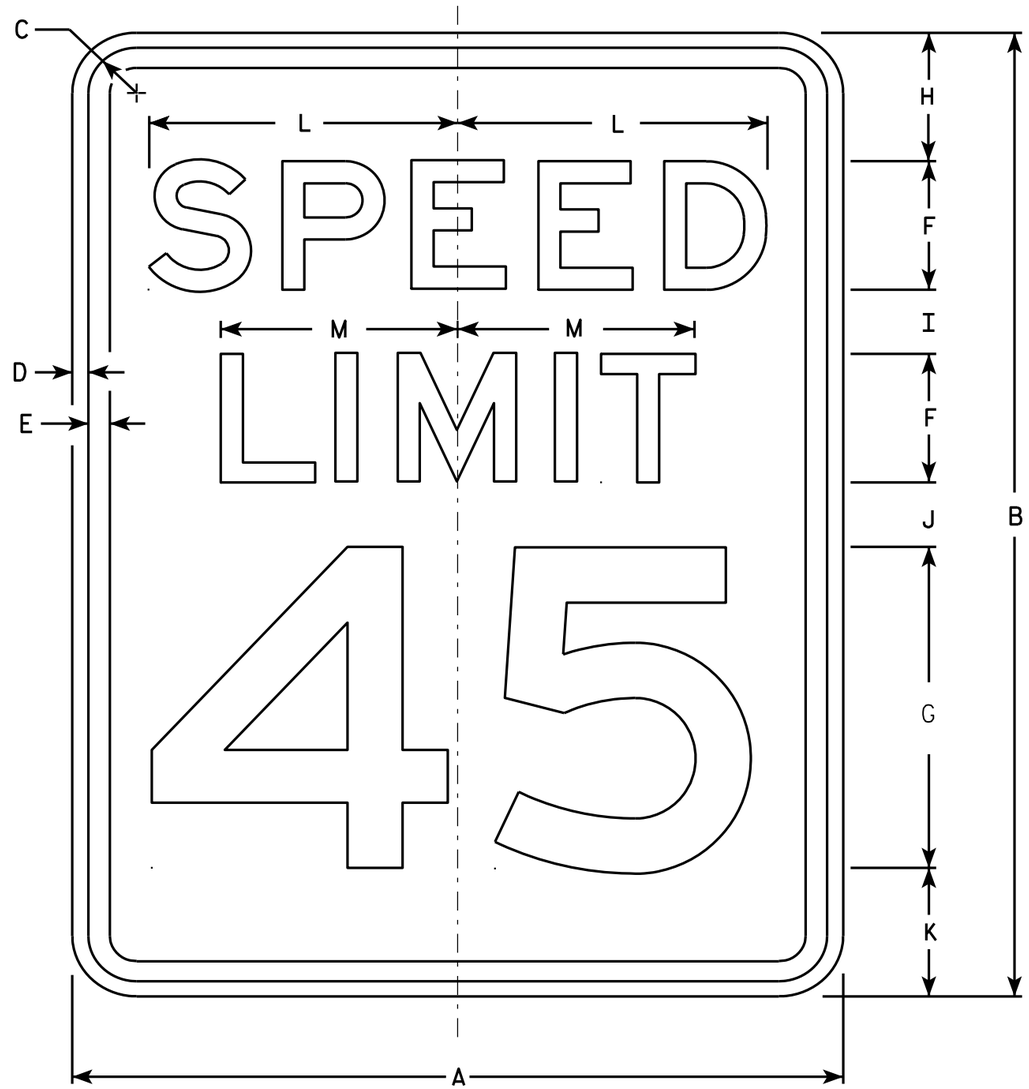
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 129 | E |
|---|---|---|---|---|---|




R2-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
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. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

| 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 1/8 | 3/8 | 1/2 | 3 | 8 | 3 | 2 | 2 | 3 | 7 1/4 | 5 1/2 | | | | | | | | | | | | | | 3.0 |
| 2S | 24 | 30 | 1 1/8 | 3/8 | 1/2 | 4 | 10 | 3 | 2 1/4 | 3 3/8 | 3 3/8 | 9 5/8 | 7 3/8 | | | | | | | | | | | | | | 5.0 |
| 2M | 30 | 36 | 1 3/8 | 1/2 | 5/8 | 5 | 12 | 5 | 2 1/2 | 2 1/2 | 4 | 12 | 9 1/4 | | | | | | | | | | | | | | 7.5 |
| 3 | 36 | 48 | 1 3/8 | 1/2 | 5/8 | 6 | 14 | 6 | 5 | 5 | 6 | 14 3/8 | 11 | | | | | | | | | | | | | | 12.0 |
| 4 | 36 | 48 | 1 3/8 | 1/2 | 5/8 | 6 | 14 | 6 | 5 | 5 | 6 | 14 3/8 | 11 | | | | | | | | | | | | | | 12.0 |
| 5 | 48 | 60 | 2 1/4 | 3/4 | 1 | 8 | 20 | 6 | 4 1/2 | 6 3/4 | 6 3/4 | 19 1/4 | 14 5/8 | | | | | | | | | | | | | | 20.0 |

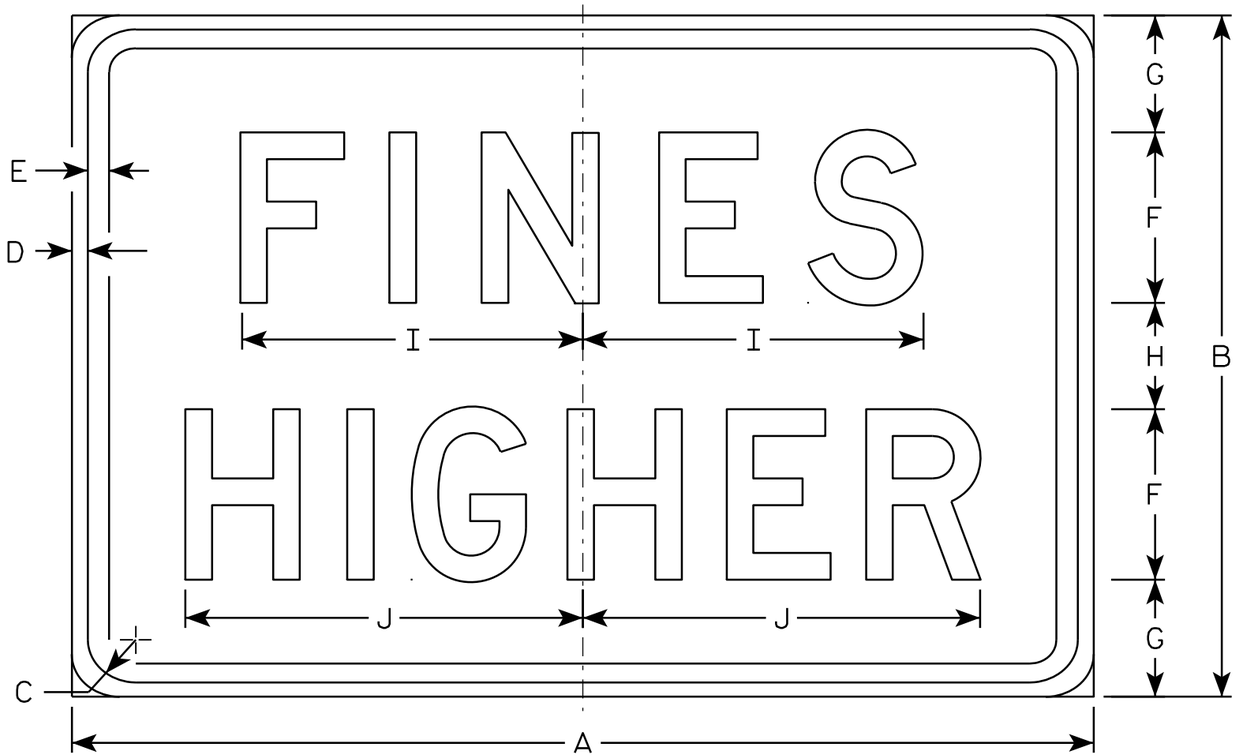
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 130 | E




R2-6P

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
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.

| 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 | 18 | 1 1/8 | 3/8 | 3/8 | 4 | 3 1/2 | 3 | 7 5/8 | 9 1/4 | | | | | | | | | | | | | | | | | 3.0 |
| 2M | 24 | 18 | 1 1/8 | 3/8 | 3/8 | 4 | 3 1/2 | 3 | 7 5/8 | 9 1/4 | | | | | | | | | | | | | | | | | 3.0 |
| 3 | 36 | 24 | 1 1/8 | 3/8 | 1/2 | 6 | 4 1/8 | 3 3/4 | 12 | 14 | | | | | | | | | | | | | | | | | 6.0 |
| 4 | 36 | 24 | 1 1/8 | 3/8 | 1/2 | 6 | 4 1/8 | 3 3/4 | 12 | 14 | | | | | | | | | | | | | | | | | 6.0 |
| 5 | 48 | 36 | 1 3/8 | 1/2 | 5/8 | 8 | 7 | 6 | 15 1/8 | 19 | | | | | | | | | | | | | | | | | 12.0 |

STANDARD SIGN
R2-6P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/20/10 PLATE NO. R2-6P.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 131 | E



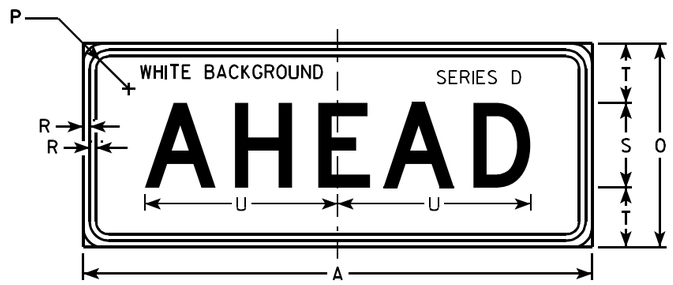

7



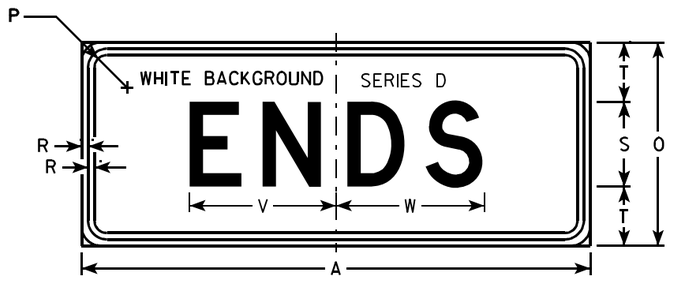

R3-17

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - AS SHOWN
   Message - BLACK
3. Message Series - C or as noted on the Signs.
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.




R3-17ap




R3-17bp

| 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 | R3-17 Area sq. ft. | R3-17ap Area sq. ft. | R3-17bp Area sq. ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 30 | 24 | 1 1/8 | 3/8 | 1/2 | 2 | 4 | 4 1/8 | 7 7/8 | 6 3/8 | 9 1/2 | 2 5/8 | 7/8 | 13 | 12 | 1 1/8 | 3 3/8 | 3/8 | 5 | 3 1/2 | 11 3/8 | 8 5/8 | 8 3/4 | 2 3/8 | 15 5/8 | 8 | 5.0 | 2.5 | 2.5 |
| 2M | 30 | 24 | 1 1/8 | 3/8 | 1/2 | 2 | 4 | 4 1/8 | 7 7/8 | 6 3/8 | 9 1/2 | 2 5/8 | 7/8 | 13 | 12 | 1 1/8 | 3 3/8 | 3/8 | 5 | 3 1/2 | 11 3/8 | 8 5/8 | 8 3/4 | 2 3/8 | 15 5/8 | 8 | 5.0 | 2.5 | 2.5 |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

STANDARD SIGN
R3-17 & R3-17a&bp

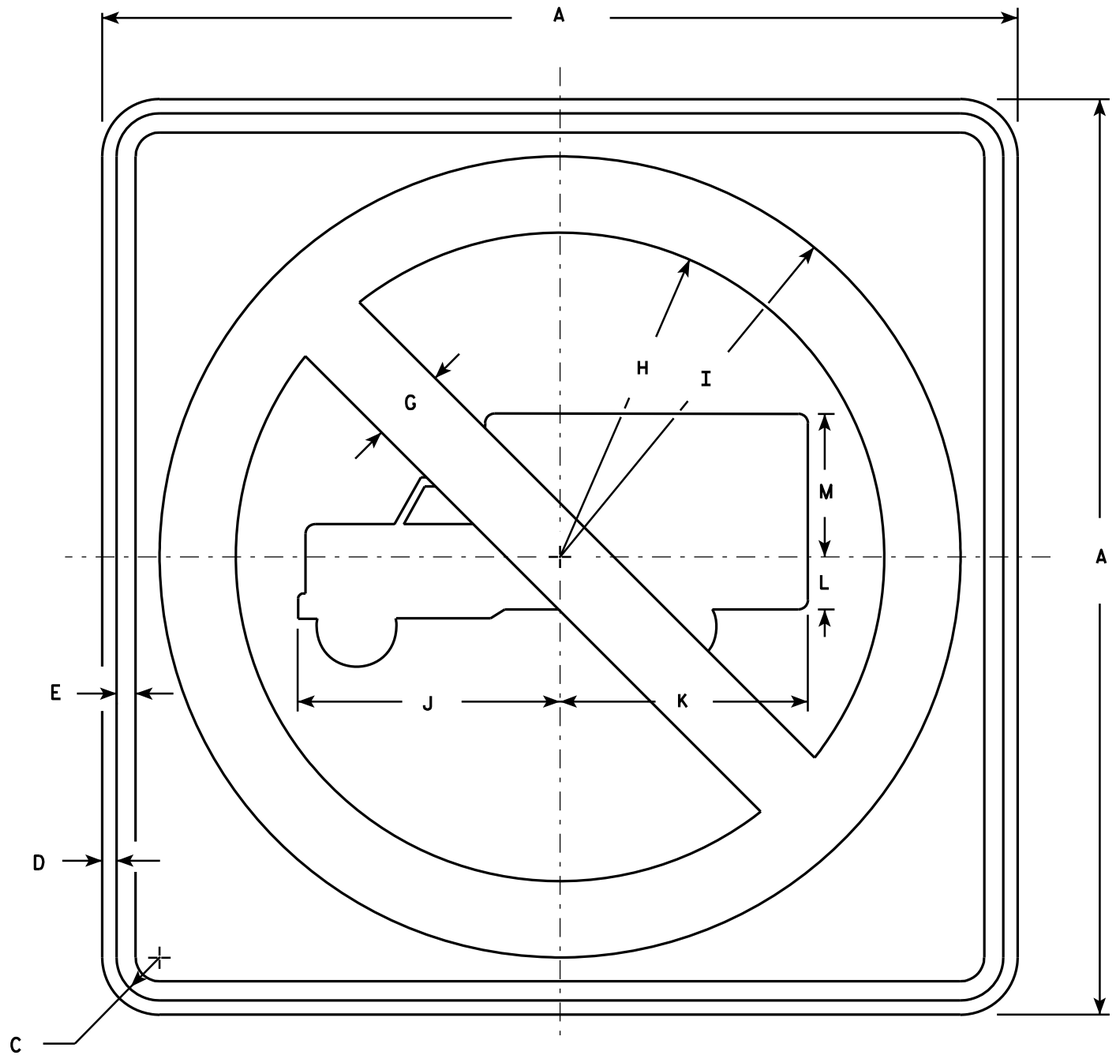
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/12/2011 PLATE NO. R3-17.2

PROJECT NO:

SHEET NO: 132 E




R5-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See Note 4
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. Circle & Diagonal - Reflective red.
   Truck Symbol & Border - Non-reflective black.

| 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 | | 1 1/8 | 3/8 | 1/2 | | 2 | 8 1/2 | 10 1/2 | 6 7/8 | 6 1/2 | 1 3/8 | 3 3/4 | | | | | | | | | | | | | | 4.0 |
| 2M | 24 | | 1 1/8 | 3/8 | 1/2 | | 2 | 8 1/2 | 10 1/2 | 6 7/8 | 6 1/2 | 1 3/8 | 3 3/4 | | | | | | | | | | | | | | 4.0 |
| 3 | 30 | | 1 3/8 | 1/2 | 5/8 | | 2 1/2 | 10 5/8 | 13 1/8 | 8 1/2 | 8 1/8 | 1 5/8 | 4 3/4 | | | | | | | | | | | | | | 6.25 |
| 4 | 36 | | 1 5/8 | 5/8 | 3/4 | | 3 | 12 3/4 | 15 3/4 | 10 1/4 | 9 3/4 | 2 | 5 3/4 | | | | | | | | | | | | | | 9.0 |
| 5 | 48 | | 2 1/4 | 3/4 | 1 | | 4 | 17 | 21 | 13 5/8 | 13 | 2 5/8 | 7 5/8 | | | | | | | | | | | | | | 16.0 |

STANDARD SIGN
R5-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/29/2011 PLATE NO. R5-2.6

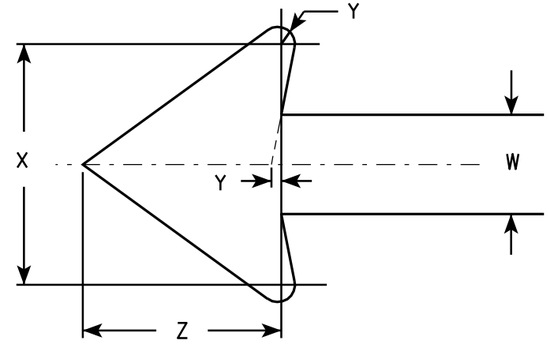
| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 133 | E |
|---|---|---|---|---|---|




R7-51

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Red
3. Message Series - See Note 6
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. R7-51D (double arrow)
   R7-51R (right arrow)
   R7-51L (left arrow)
6. Lines 1, 3 and 4 are Series C.
   Line 2 is Series 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 | 12 | 18 | 1 1/8 | 3/8 | 3/8 | 3 | 1 7/8 | 2 | 7/8 | 5/8 | 1 1/2 | 2 1/2 | 2 | 2 | 4 7/8 | 4 7/8 | 4 7/8 | 5/8 | 1 3/4 | 2 1/2 | 4 3/8 | 3 7/8 | 3/4 | 1 3/4 | 1/8 | 1 1/2 | 1.5 |
| 2S | 18 | 24 | 1 1/8 | 3/8 | 1/2 | 4 | 2 1/2 | 2 1/2 | 1 1/4 | 1 | 2 | 3 1/4 | 2 3/4 | 2 5/8 | 7 1/8 | 7 | 5 3/4 | 1 1/8 | 1 1/2 | 3 1/8 | 5 1/2 | 5 7/8 | 1 1/8 | 2 5/8 | 1/4 | 2 1/4 | 3.0 |
| 2M | 24 | 30 | 1 1/8 | 3/8 | 1/2 | 5 | 3 | 3 | 2 | 1 1/4 | 2 1/2 | 4 | 3 1/4 | 3 3/8 | 9 1/4 | 9 1/4 | 7 1/8 | 1 1/4 | 2 | 3 3/4 | 6 1/2 | 7 3/4 | 1 1/2 | 3 1/2 | 1/4 | 3 | 5.0 |
| 3 | 24 | 30 | 1 1/8 | 3/8 | 1/2 | 5 | 3 | 3 | 2 | 1 1/4 | 2 1/2 | 4 | 3 1/4 | 3 3/8 | 9 1/4 | 9 1/4 | 7 1/8 | 1 1/4 | 2 | 3 3/4 | 6 1/2 | 7 3/4 | 1 1/2 | 3 1/2 | 1/4 | 3 | 5.0 |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

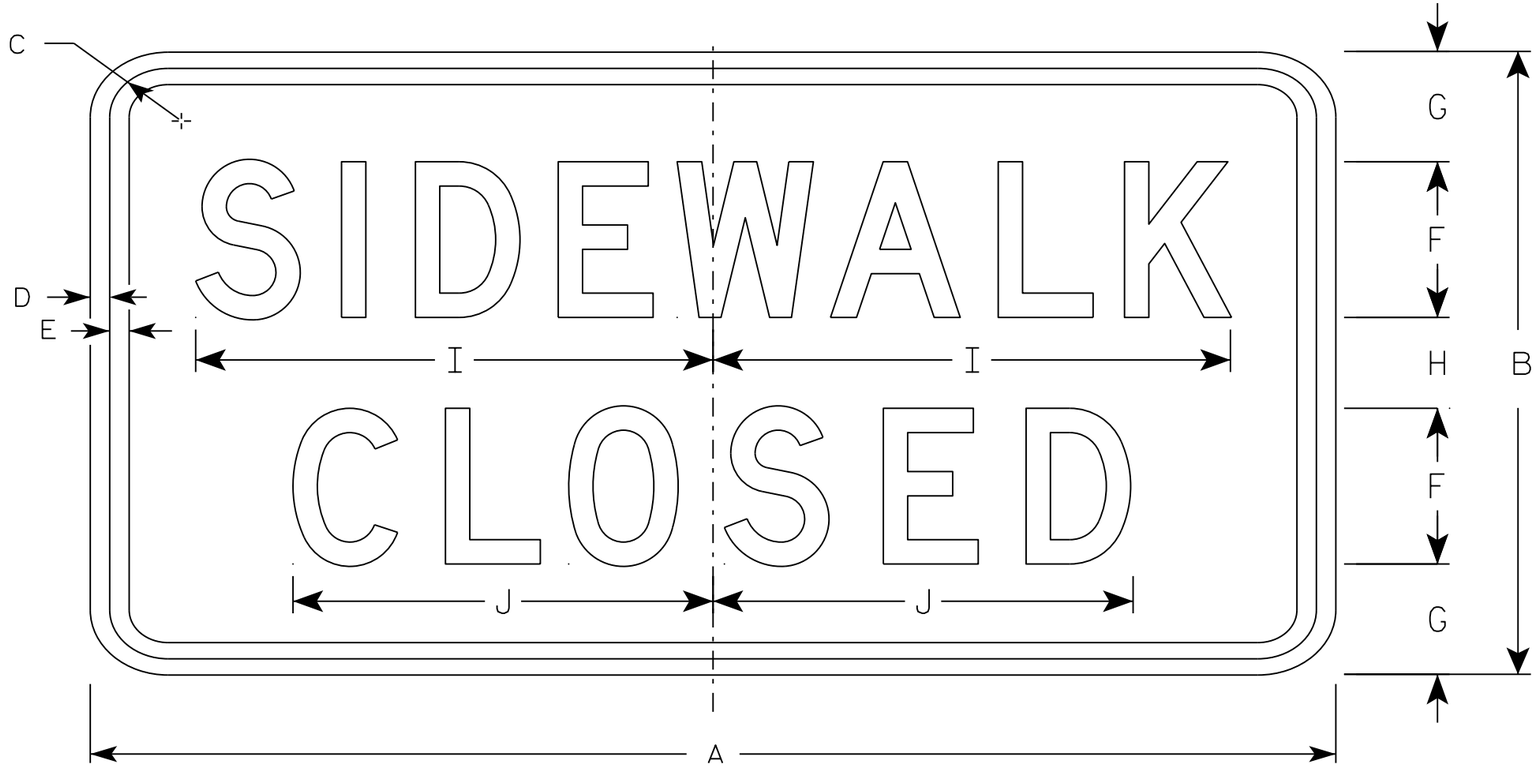
STANDARD SIGN
R7-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R7-51.6

| PROJECT NO: | HWY: | COUNTY: | | | SHEET NO: 134 | E |
|---|---|---|---|---|---|---|




R9-9

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   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.
5. 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 3/4 | 1/2 | 1/2 | 3 | 2 1/8 | 1 3/4 | 10 | 8 1/8 | | | | | | | | | | | | | | | | | 2.0 |
| 2M | 24 | 12 | 1 3/4 | 1/2 | 1/2 | 3 | 2 1/8 | 1 3/4 | 10 | 8 1/8 | | | | | | | | | | | | | | | | | 2.0 |
| 3 | 30 | 18 | 1 3/4 | 1/2 | 1/2 | 4 | 3 1/2 | 3 | 12 1/2 | 10 1/4 | | | | | | | | | | | | | | | | | 3.75 |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

STANDARD SIGN
R9-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/11/16 PLATE 135 R9-9.6

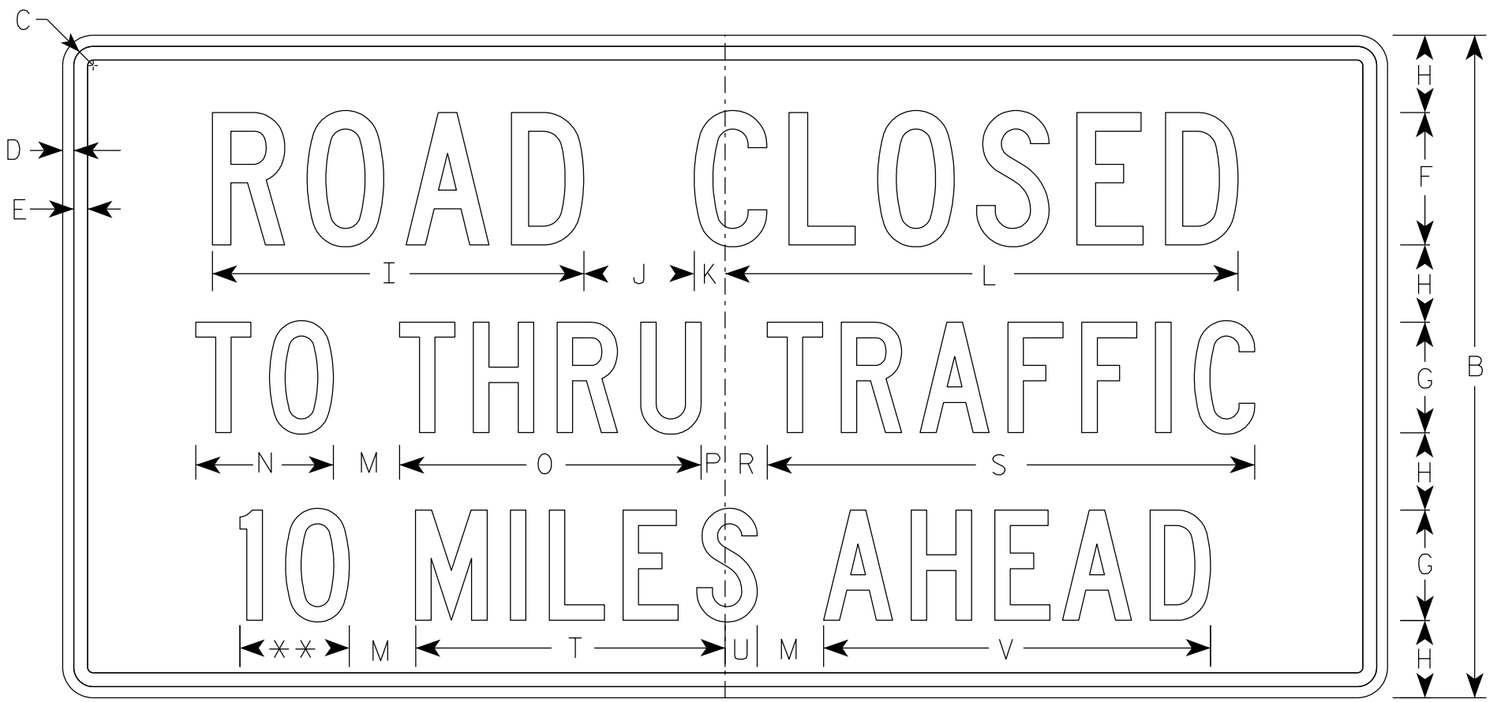
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R99.DGN PLOT DATE : 11-AUG-2016 11:33 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 2.918761:1.000000

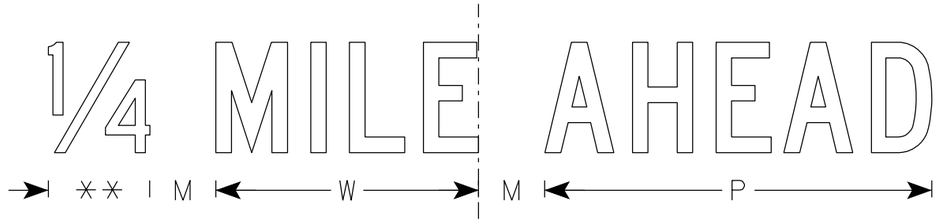
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   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.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.




R11-3

** See Note 5




| 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 1/4 | 3/8 | 3/8 | 4 | 3 | 2 | 11 1/4 | 3 | 1 1/8 | 15 3/8 | 2 | 3 3/4 | 8 1/4 | 5/8 | | 1 3/8 | 13 1/4 | 8 3/8 | 7/8 | 10 1/2 | 7 1/8 | | | | 4.5 |
| 2S | 60 | 30 | 1 3/8 | 1/2 | 5/8 | 6 | 5 | 3 1/2 | 16 7/8 | 5 | 1 3/8 | 23 1/4 | 3 | 6 1/4 | 13 5/8 | 1 1/8 | | 1 7/8 | 22 1/8 | 14 | 1 1/2 | 17 1/2 | 11 7/8 | | | | 12.5 |
| 2M | 60 | 30 | 1 3/8 | 1/2 | 5/8 | 6 | 5 | 3 1/2 | 16 7/8 | 5 | 1 3/8 | 23 1/4 | 3 | 6 1/4 | 13 5/8 | 1 1/8 | | 1 7/8 | 22 1/8 | 14 | 1 1/2 | 17 1/2 | 11 7/8 | | | | 12.5 |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 6/14/2021 PLATE NO. R11-3.9

| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 136 | E |
|---|---|---|---|---|---|




R12-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   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. Lines 1, 2 & 3 are series E
   Lines 4, 5, & 6 are series D.
6. Substitute appropriate numeral and optically adjust spacing to achieve proper balance.
7. Substitute name of county or town on County Trunk and Town Highways respectively. Community name on City or Village Streets including Connecting Highways is optional.

* Varies (see note 6)

| 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 | 30 | 1 1/8 | 3/8 | 1/2 | 3 | 6 | 4 | 3 | 1 1/4 | 2 1/4 | 1 3/8 | 3/4 | 1/2 | 1 7/8 | 9 | 9 1/2 | 6 | 6 1/2 | 7 1/8 | 6 7/8 | 3 1/4 | 3 5/8 | 7 3/4 | | | 5.0 |
| 2S | 24 | 30 | 1 1/8 | 3/8 | 1/2 | 3 | 6 | 4 | 3 | 1 1/4 | 2 1/4 | 1 3/8 | 3/4 | 1/2 | 1 7/8 | 9 | 9 1/2 | 6 | 6 1/2 | 7 1/8 | 6 7/8 | 3 1/4 | 3 5/8 | 7 3/4 | | | 5.0 |
| 2M | 24 | 30 | 1 1/8 | 3/8 | 1/2 | 3 | 6 | 4 | 3 | 1 1/4 | 2 1/4 | 1 3/8 | 3/4 | 1/2 | 1 7/8 | 9 | 9 1/2 | 6 | 6 1/2 | 7 1/8 | 6 7/8 | 3 1/4 | 3 5/8 | 7 3/4 | | | 5.0 |
| 3 | 36 | 48 | 1 3/8 | 1/2 | 5/8 | 6 | 10 | 8 | 4 1/2 | 2 1/2 | 2 1/4 | 1 1/2 | 3/4 | 1/2 | 3 | 13 1/2 | 14 1/4 | 9 | 9 3/4 | 10 5/8 | 10 1/4 | 3 1/4 | 3 5/8 | 7 3/4 | | | 12.0 |
| 4 | 48 | 60 | 2 1/4 | 3/4 | 1 | 6 | 12 | 8 | 6 | 2 1/2 | 4 1/2 | 2 3/4 | 1 1/2 | 1 | 3 3/4 | 18 | 19 | 12 | 13 | 14 1/4 | 13 3/4 | 6 1/2 | 7 1/4 | 15 1/2 | | | 20.0 |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

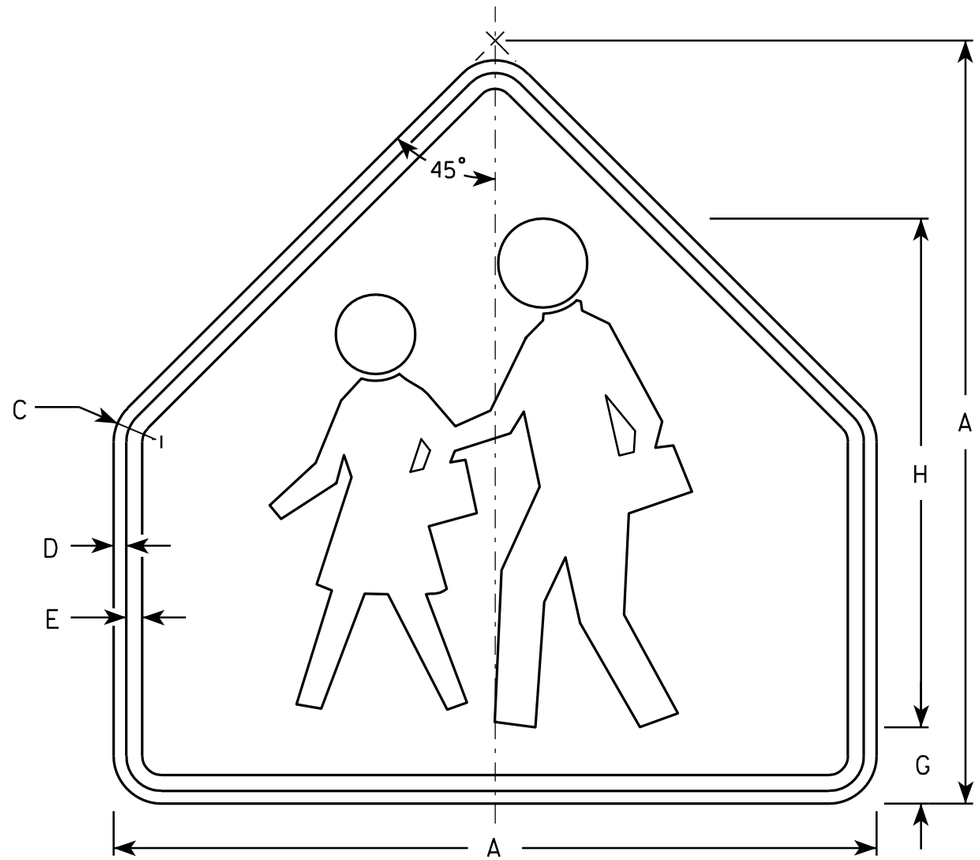
STANDARD SIGN
R12-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 4/1/11 PLATE NO. R12-1.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 137 | E




S1-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow-Green
   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 | 30 | | 1 3/8 | 1/2 | 5/8 | | 3 | 20 | | | | | | | | | | | | | | | | | | | 4.69 |
| 2 | 36 | | 1 5/8 | 5/8 | 3/4 | | 3 1/2 | 24 | | | | | | | | | | | | | | | | | | | 6.75 |
| 3 | 36 | | 1 5/8 | 5/8 | 3/4 | | 3 1/2 | 24 | | | | | | | | | | | | | | | | | | | 6.75 |
| 4 | 48 | | 2 1/4 | 3/4 | 1 | | 4 3/4 | 32 | | | | | | | | | | | | | | | | | | | 12 |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

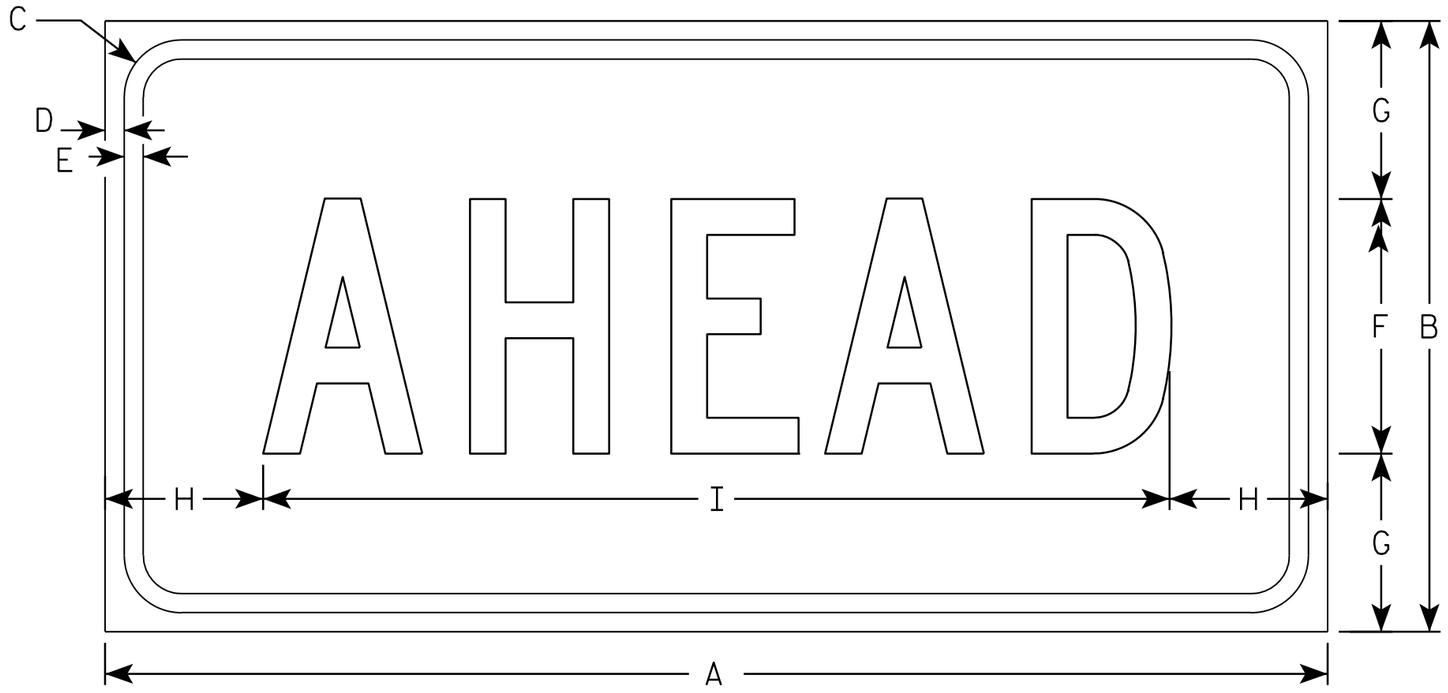
STANDARD SIGN
S1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/30/05 PLATE NO. S1-1.8

| PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 138 | E |
|---|---|---|---|---|---|




S16-9P

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow-Green
   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 | 24 | 12 | 1 1/8 | 3/8 | 3/8 | 5 | 3 1/2 | 3 1/8 | 17 3/4 | | | | | | | | | | | | | | | | | | 2.0 |
| 2S | 30 | 18 | 1 1/8 | 3/8 | 1/2 | 7 | 5 1/2 | 2 3/4 | 24 1/2 | | | | | | | | | | | | | | | | | | 3.75 |
| 2M | 30 | 18 | 1 1/8 | 3/8 | 1/2 | 7 | 5 1/2 | 2 3/4 | 24 1/2 | | | | | | | | | | | | | | | | | | 3.75 |
| 3 | 30 | 18 | 1 1/8 | 3/8 | 1/2 | 7 | 3 1/2 | 2 3/4 | 24 1/2 | | | | | | | | | | | | | | | | | | 3.75 |
| 4 | 48 | 24 | 1 3/8 | 1/2 | 5/8 | 10 | 7 | 6 1/8 | 35 3/4 | | | | | | | | | | | | | | | | | | 8.0 |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

STANDARD SIGN
S16-9P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/22/13 PLATE NO. S16-9P.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 139 | E



FILE NAME : C:\CAEFiles\Projects\tr_stdplate\S169P.dgn PLOT DATE : 22-JUL-2013 10:32 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 2.977140:1.000000

**Division 1 - S. Madison Street**

| Station | Real Station | Distance | Area (SF) Cut | Area (SF) Fill | Incremental Vol (CY) (Unadjusted) Cut Note 1 | Incremental Vol (CY) (Unadjusted) Fill Note 2 | Cumulative Vol (CY) Cut 1.00 Note 1 | Cumulative Vol (CY) Expanded Fill 1.25 | Mass Ordinate Note 3 |
|---|---|---|---|---|---|---|---|---|---|
| 99+80 | 9980.00 | 0.00 | 79.89 | 0.36 | 0 | 0 | 0 | 0 | 0 |
| 100+00 | 10000.00 | 20.00 | 119.52 | 0.58 | 74 | 0 | 74 | 0 | 73 |
| 100+50 | 10050.00 | 50.00 | 114.50 | 0.00 | 217 | 1 | 291 | 1 | 289 |
| 101+00 | 10100.00 | 50.00 | 132.77 | 0.07 | 229 | 0 | 519 | 1 | 518 |
| 101+50 | 10150.00 | 50.00 | 118.58 | 0.04 | 233 | 0 | 752 | 1 | 751 |
| 102+00 | 10200.00 | 50.00 | 115.32 | 0.00 | 217 | 0 | 969 | 1 | 967 |
| 102+50 | 10250.00 | 50.00 | 127.73 | 1.05 | 225 | 1 | 1,194 | 3 | 1,191 |
| 103+00 | 10300.00 | 50.00 | 125.56 | 0.40 | 235 | 1 | 1,428 | 4 | 1,424 |
| 103+50 | 10350.00 | 50.00 | 129.92 | 0.08 | 237 | 0 | 1,665 | 5 | 1,660 |
| 104+00 | 10400.00 | 50.00 | 138.80 | 0.00 | 249 | 0 | 1,914 | 5 | 1,909 |
| 104+50 | 10450.00 | 50.00 | 141.03 | 0.00 | 259 | 0 | 2,173 | 5 | 2,168 |
| 105+00 | 10500.00 | 50.00 | 136.19 | 0.00 | 257 | 0 | 2,430 | 5 | 2,425 |
| 105+50 | 10550.00 | 50.00 | 130.93 | 0.68 | 247 | 1 | 2,677 | 6 | 2,671 |
| 106+00 | 10600.00 | 50.00 | 136.52 | 0.00 | 248 | 1 | 2,925 | 6 | 2,918 |
| 106+50 | 10650.00 | 50.00 | 119.31 | 0.00 | 237 | 0 | 3,161 | 6 | 3,155 |
| 107+00 | 10700.00 | 50.00 | 128.41 | 0.14 | 229 | 0 | 3,391 | 7 | 3,384 |
| 107+50 | 10750.00 | 50.00 | 141.96 | 1.67 | 250 | 2 | 3,641 | 9 | 3,632 |
| 108+00 | 10800.00 | 50.00 | 115.17 | 0.00 | 238 | 2 | 3,879 | 11 | 3,869 |
| 108+50 | 10850.00 | 50.00 | 126.29 | 0.42 | 224 | 0 | 4,103 | 11 | 4,092 |
| 109+00 | 10900.00 | 50.00 | 131.01 | 0.05 | 238 | 0 | 4,341 | 12 | 4,329 |
| 109+50 | 10950.00 | 50.00 | 138.54 | 0.00 | 250 | 0 | 4,591 | 12 | 4,579 |
| 110+00 | 11000.00 | 50.00 | 133.56 | 0.11 | 252 | 0 | 4,843 | 12 | 4,831 |
| 110+50 | 11050.00 | 50.00 | 131.09 | 0.12 | 245 | 0 | 5,088 | 12 | 5,076 |
| 111+00 | 11100.00 | 50.00 | 130.66 | 0.00 | 242 | 0 | 5,330 | 12 | 5,318 |
| 111+50 | 11150.00 | 50.00 | 134.41 | 0.00 | 245 | 0 | 5,575 | 12 | 5,563 |
| 112+00 | 11200.00 | 50.00 | 132.69 | 0.00 | 247 | 0 | 5,823 | 12 | 5,811 |
| 112+50 | 11250.00 | 50.00 | 130.43 | 0.07 | 244 | 0 | 6,066 | 12 | 6,054 |
| 113+00 | 11300.00 | 50.00 | 119.68 | 0.01 | 232 | 0 | 6,298 | 12 | 6,286 |
| | | | **Column Totals** | | **6,298** | **10** | | | |

| NOTES: | |
|---|---|
| 1 - CUT | CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL |
| 2 - FILL | DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME |
| 3 - MASS ORDINATE | [(CUT) - ((FILL) * FILL FACTOR)] |

**Division 1 - Doty Street (West)**

| Station | Real Station | Distance | Area (SF) Cut | Area (SF) Fill | Incremental Vol (CY) (Unadjusted) Cut Note 1 | Incremental Vol (CY) (Unadjusted) Fill Note 2 | Cumulative Vol (CY) Cut 1.00 Note 1 | Cumulative Vol (CY) Expanded Fill 1.25 | Mass Ordinate Note 3 |
|---|---|---|---|---|---|---|---|---|---|
| 209+25 | 20925.00 | 0.00 | 52.04 | 0.01 | 0 | 0 | 0 | 0 | 0 |
| 209+50 | 20950.00 | 25.00 | 85.22 | 0.07 | 64 | 0 | 64 | 0 | 64 |
| 209+59.61 | 20959.61 | 9.61 | 85.18 | 0.16 | 30 | 0 | 94 | 0 | 94 |
| 209+77.97 | 20977.97 | 18.36 | 144.68 | 0.00 | 78 | 0 | 172 | 0 | 172 |
| | | | | **Column Totals** | **172** | **0** | | | |

**Division 1 - Doty Street (East)**

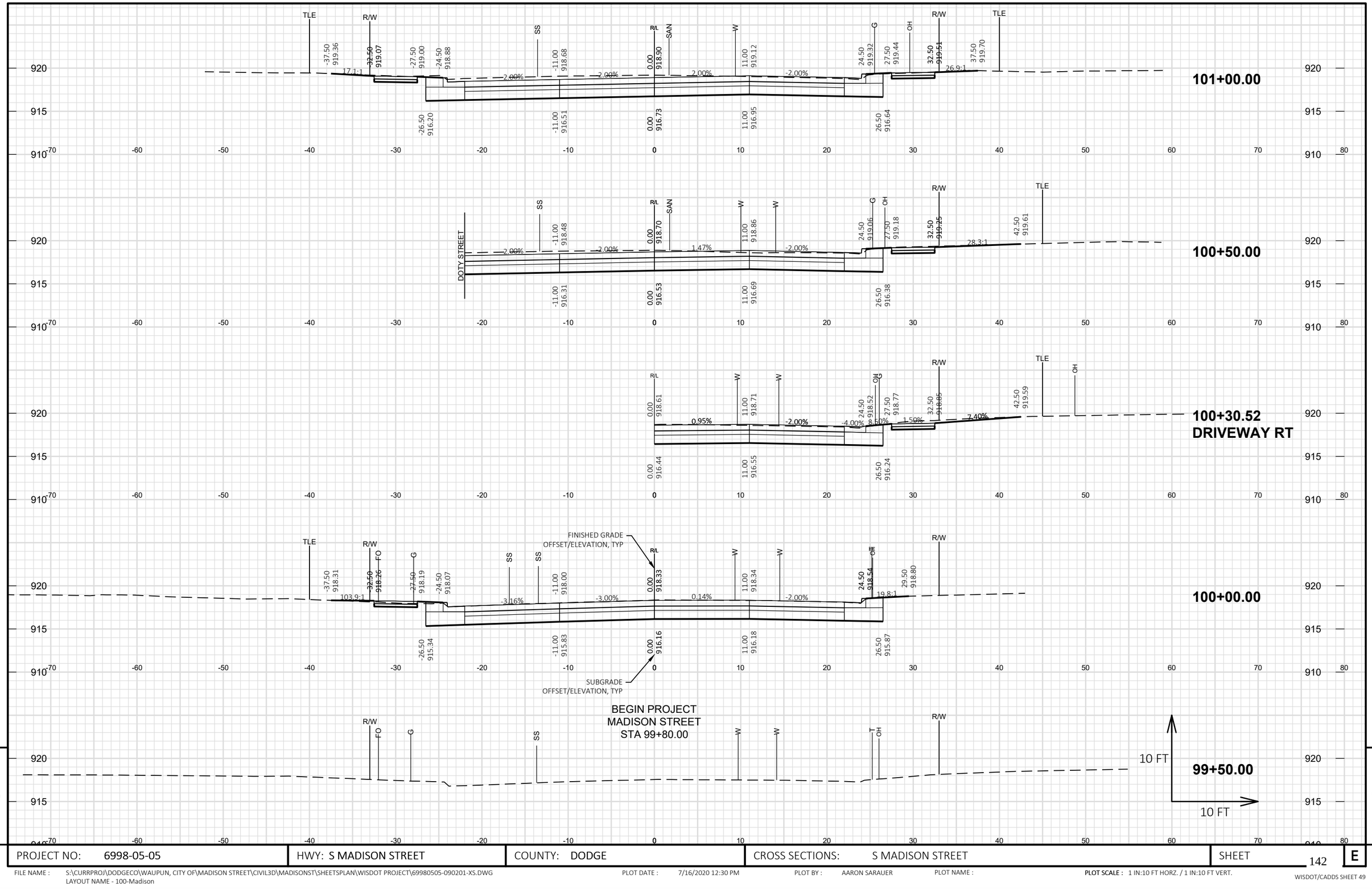
| Station | Real Station | Distance | Area (SF) Cut | Area (SF) Fill | Incremental Vol (CY) (Unadjusted) Cut Note 1 | Incremental Vol (CY) (Unadjusted) Fill Note 2 | Cumulative Vol (CY) Cut 1.00 Note 1 | Cumulative Vol (CY) Expanded Fill 1.25 | Mass Ordinate Note 3 |
|---|---|---|---|---|---|---|---|---|---|
| 220+22.03 | 22022.03 | 0.00 | 125.04 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 220+40.67 | 22040.67 | 18.64 | 85.71 | 0.33 | 73 | 0 | 73 | 0 | 73 |
| 220+50 | 22050.00 | 9.33 | 91.94 | 0.05 | 31 | 0 | 103 | 0 | 103 |
| 220+75 | 22075.00 | 25.00 | 56.85 | 0.28 | 69 | 0 | 172 | 0 | 172 |
| 220+76 | 22076.00 | 1.00 | 6.89 | 0.00 | 1 | 0 | 173 | 0 | 173 |
| 221+00 | 22100.00 | 25.00 | 6.93 | 0.00 | 22 | 0 | 194 | 1 | 194 |
| 221+09.13 | 22109.13 | 9.13 | 3.60 | 0.00 | 2 | 0 | 196 | 1 | 195 |
| | | | | **Column Totals** | **197** | **0** | | | |

**Division 1 - Park Avenue (East)**

| Station | Real Station | Distance | Area (SF) Cut | Area (SF) Fill | Incremental Vol (CY) (Unadjusted) Cut Note 1 | Incremental Vol (CY) (Unadjusted) Fill Note 2 | Cumulative Vol (CY) Cut 1.00 Note 1 | Cumulative Vol (CY) Expanded Fill 1.25 | Mass Ordinate Note 3 |
|---|---|---|---|---|---|---|---|---|---|
| 230+22.03 | 23022.03 | 0.00 | 135.89 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 230+40.5 | 23040.50 | 18.48 | 87.02 | 0.03 | 76 | 0 | 76 | 0 | 76 |
| 230+50 | 23050.00 | 9.50 | 83.81 | 0.00 | 30 | 0 | 106 | 0 | 106 |
| 230+75 | 23075.00 | 25.00 | 50.71 | 0.00 | 62 | 0 | 169 | 0 | 169 |
| | | | | **Column Totals** | **169** | **0** | | | |

**Division 1 - Park Avenue (West)**

| Station | Real Station | Distance | Area (SF) Cut | Area (SF) Fill | Incremental Vol (CY) (Unadjusted) Cut Note 1 | Incremental Vol (CY) (Unadjusted) Fill Note 2 | Cumulative Vol (CY) Cut 1.00 Note 1 | Cumulative Vol (CY) Expanded Fill 1.25 | Mass Ordinate Note 3 |
|---|---|---|---|---|---|---|---|---|---|
| 239+25 | 23925.00 | 0.00 | 53.23 | 1.57 | 0 | 0 | 0 | 0 | 0 |
| 239+50 | 23950.00 | 25.00 | 86.94 | 0.82 | 65 | 1 | 65 | 1 | 64 |
| 239+59.11 | 23959.11 | 9.11 | 85.32 | 1.66 | 29 | 0 | 94 | 2 | 92 |
| 239+77.96 | 23977.96 | 18.85 | 139.05 | 0.00 | 78 | 1 | 172 | 3 | 170 |
| | | | | **Column Totals** | **172** | **2** | | | |




9

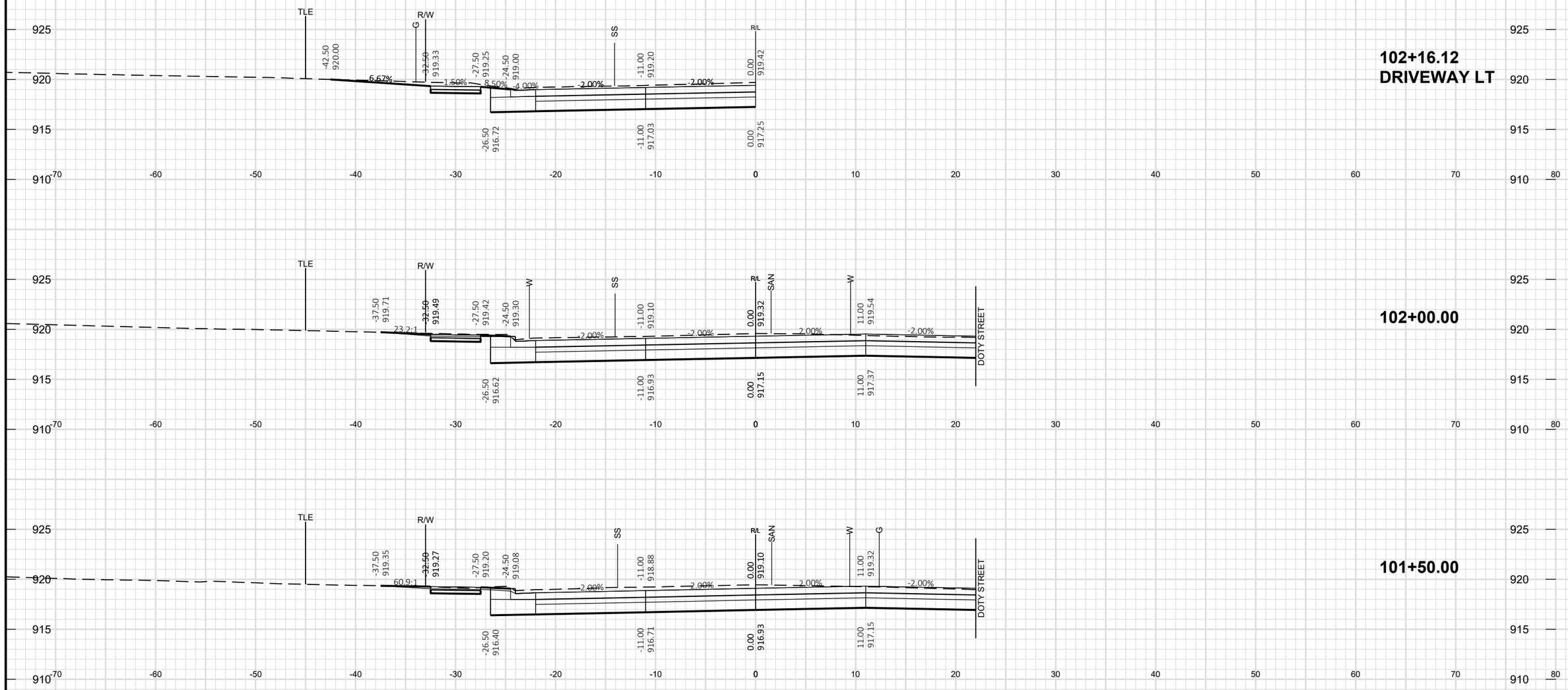
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| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: S MADISON STREET | SHEET 142 E |
|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-090201-XS.DWG
LAYOUT NAME - 100-Madison

PLOT DATE : 7/16/2020 12:30 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



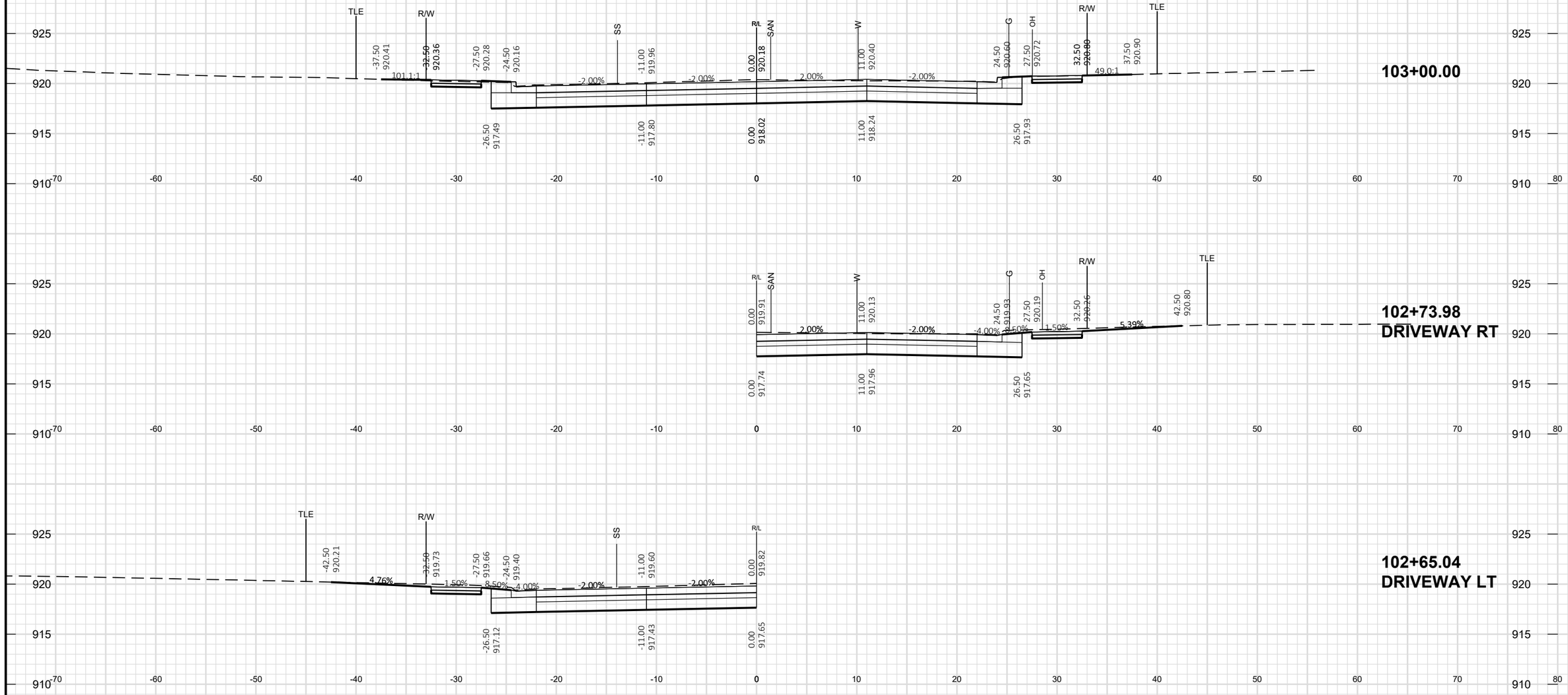

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| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: S MADISON STREET | SHEET 143 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-090201-XS.DWG
LAYOUT NAME - 101-Madison

PLOT DATE : 7/16/2020 12:30 PM PLOT BY : AARON SARAUER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

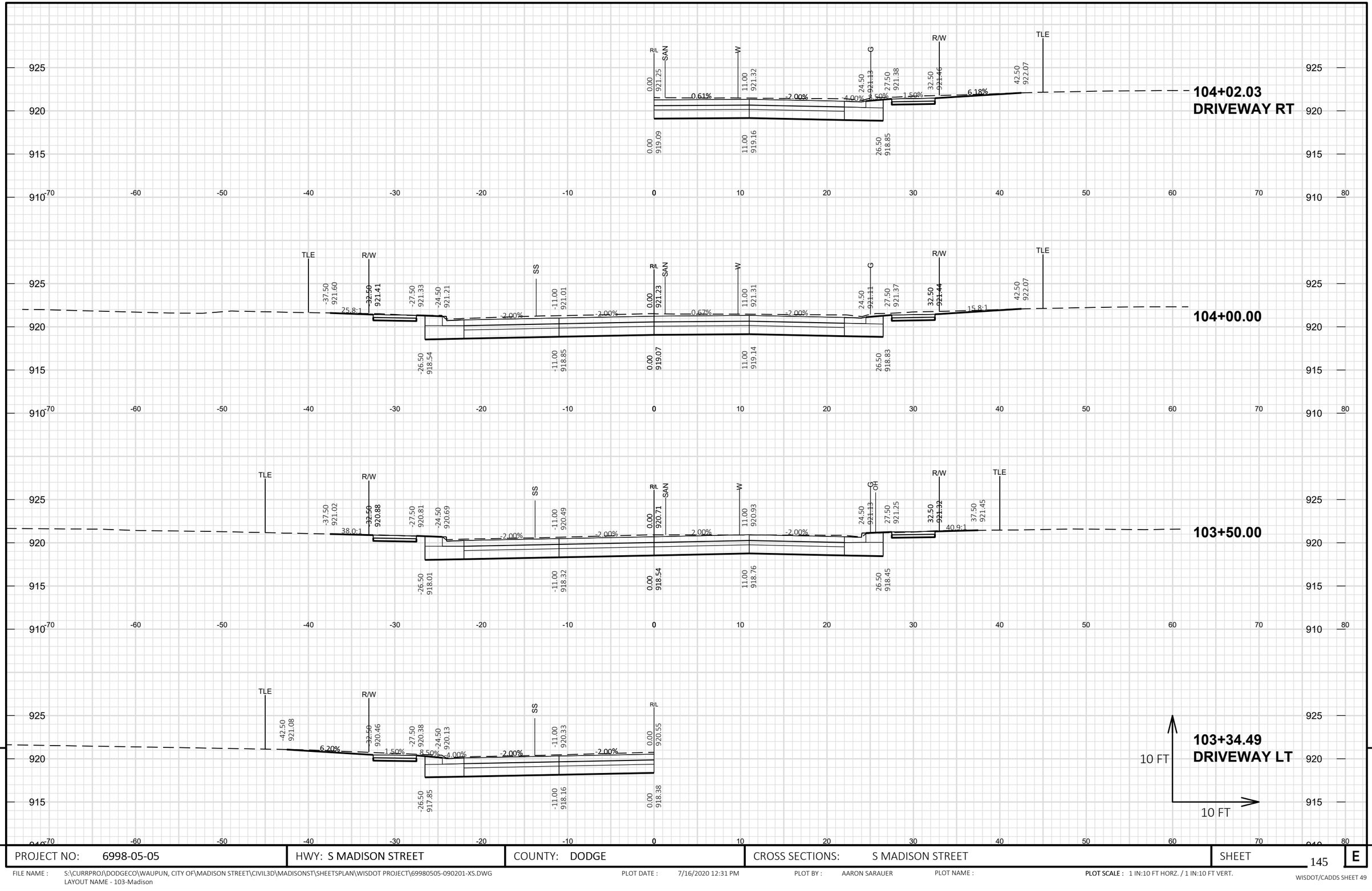



| | | | | |
|---|---|---|---|---|
| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: S MADISON STREET | SHEET 144 E |

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-090201-XS.DWG
LAYOUT NAME - 102-Madison

PLOT DATE : 7/16/2020 12:31 PM PLOT BY : AARON SARAUER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



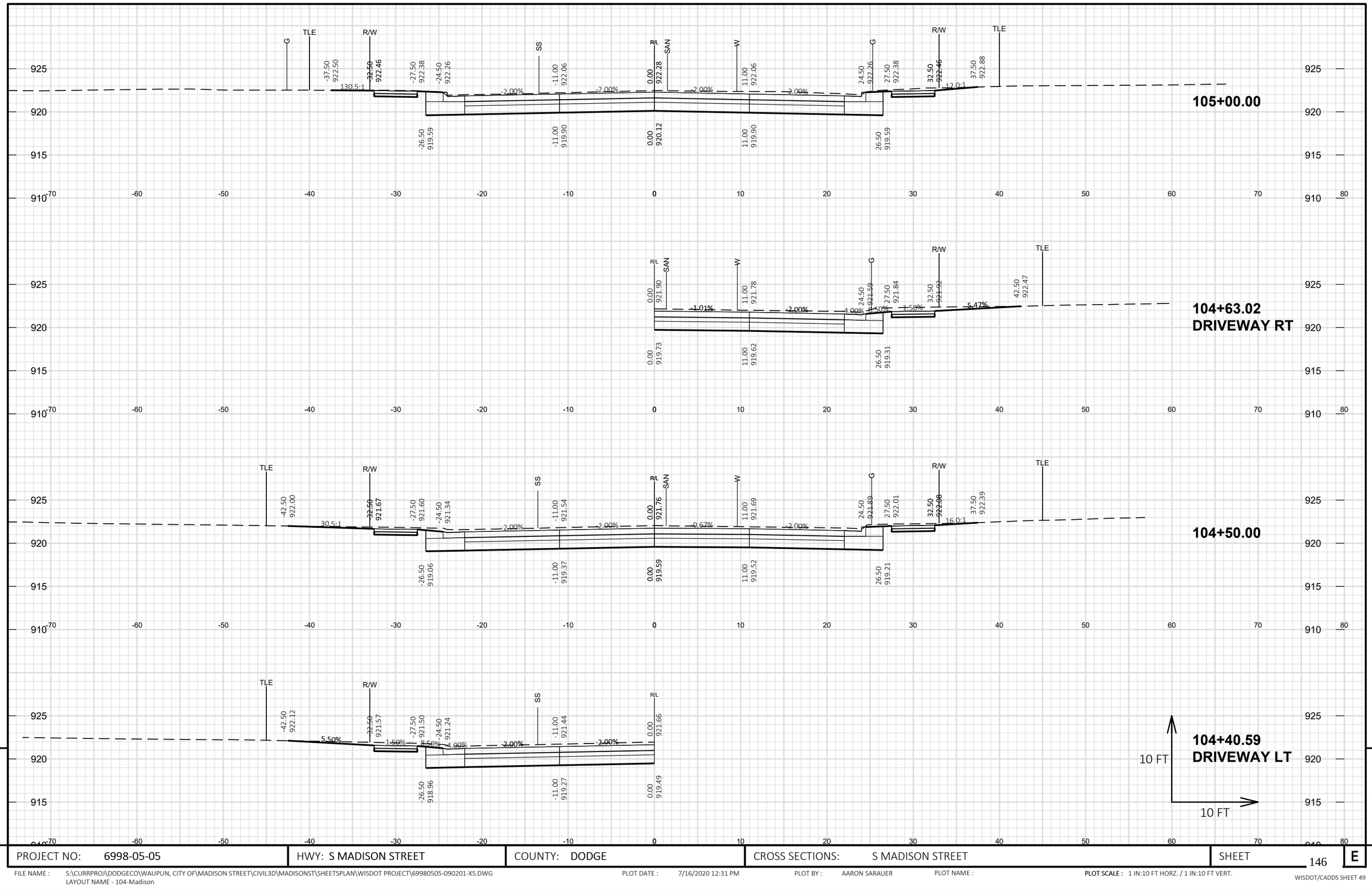

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| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: S MADISON STREET | SHEET 145 E |
|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-090201-XS.DWG
LAYOUT NAME - 103-Madison

PLOT DATE : 7/16/2020 12:31 PM PLOT BY : AARON SARAUER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49




9

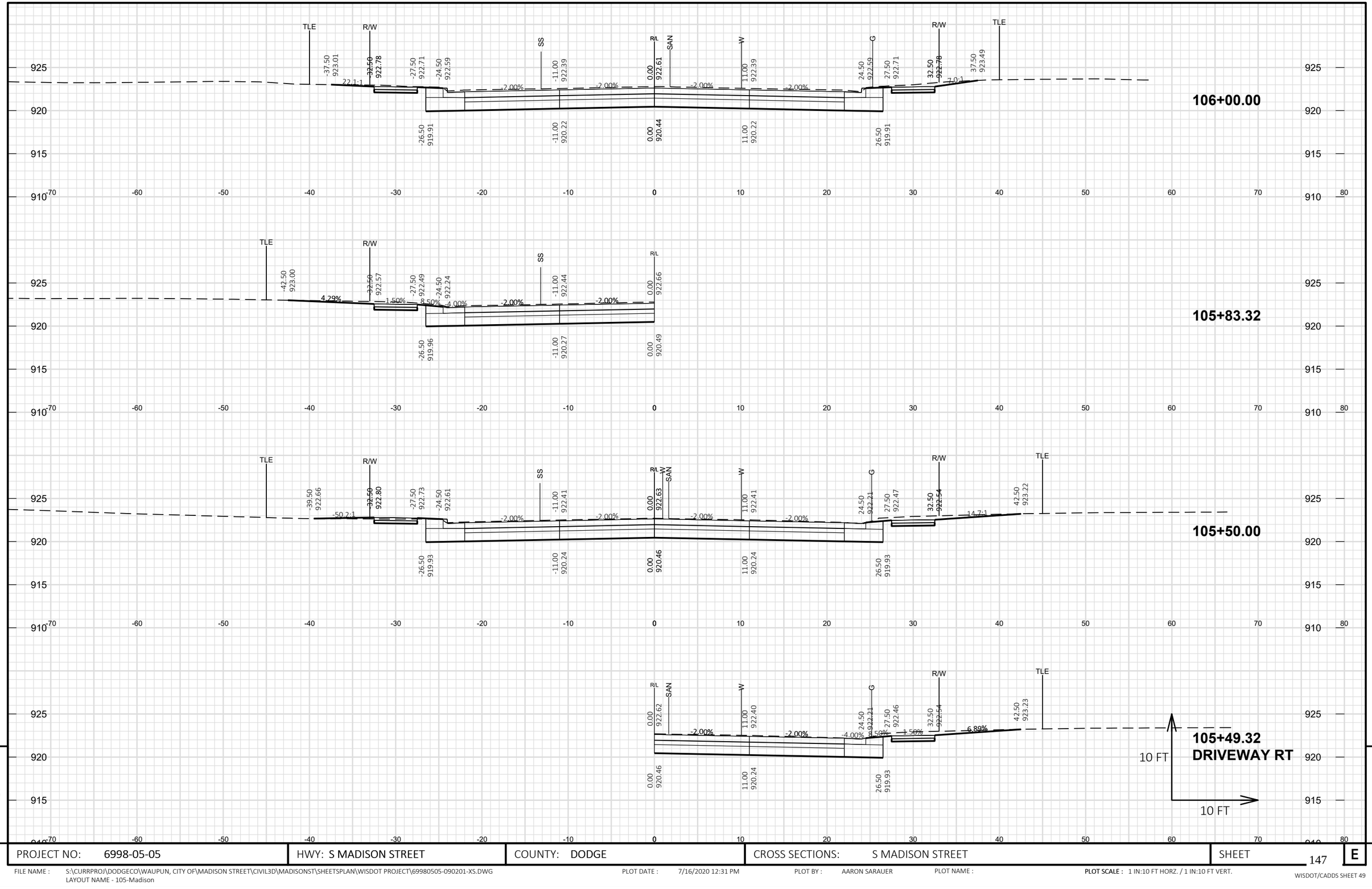
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| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: S MADISON STREET | SHEET 146 | E |
|---|---|---|---|---|---|


FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-090201-XS.DWG
LAYOUT NAME - 104-Madison

PLOT DATE : 7/16/2020 12:31 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49




9

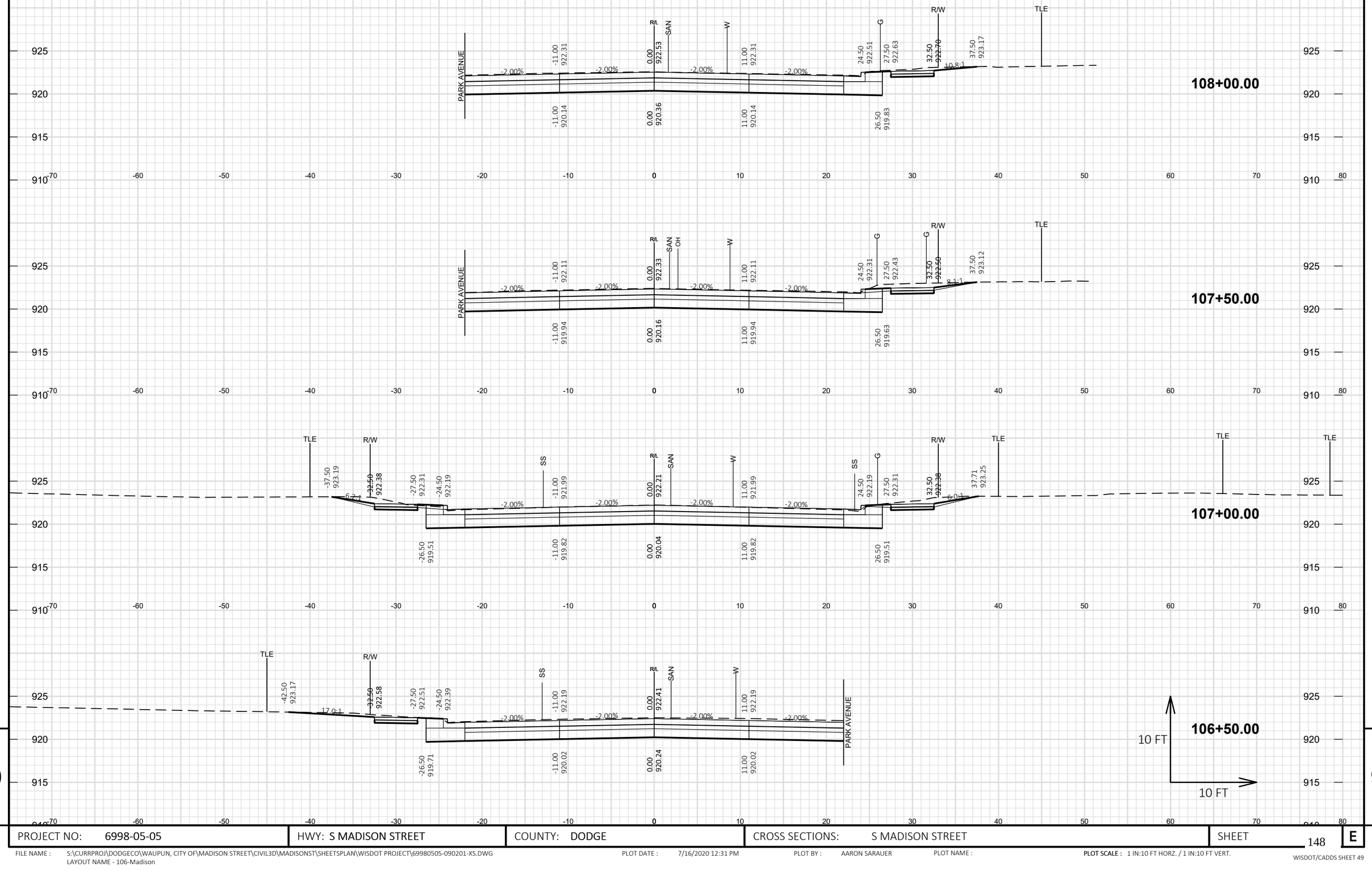
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| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: S MADISON STREET | SHEET 147 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-090201-XS.DWG
LAYOUT NAME - 105-Madison

PLOT DATE : 7/16/2020 12:31 PM PLOT BY : AARON SARAUER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



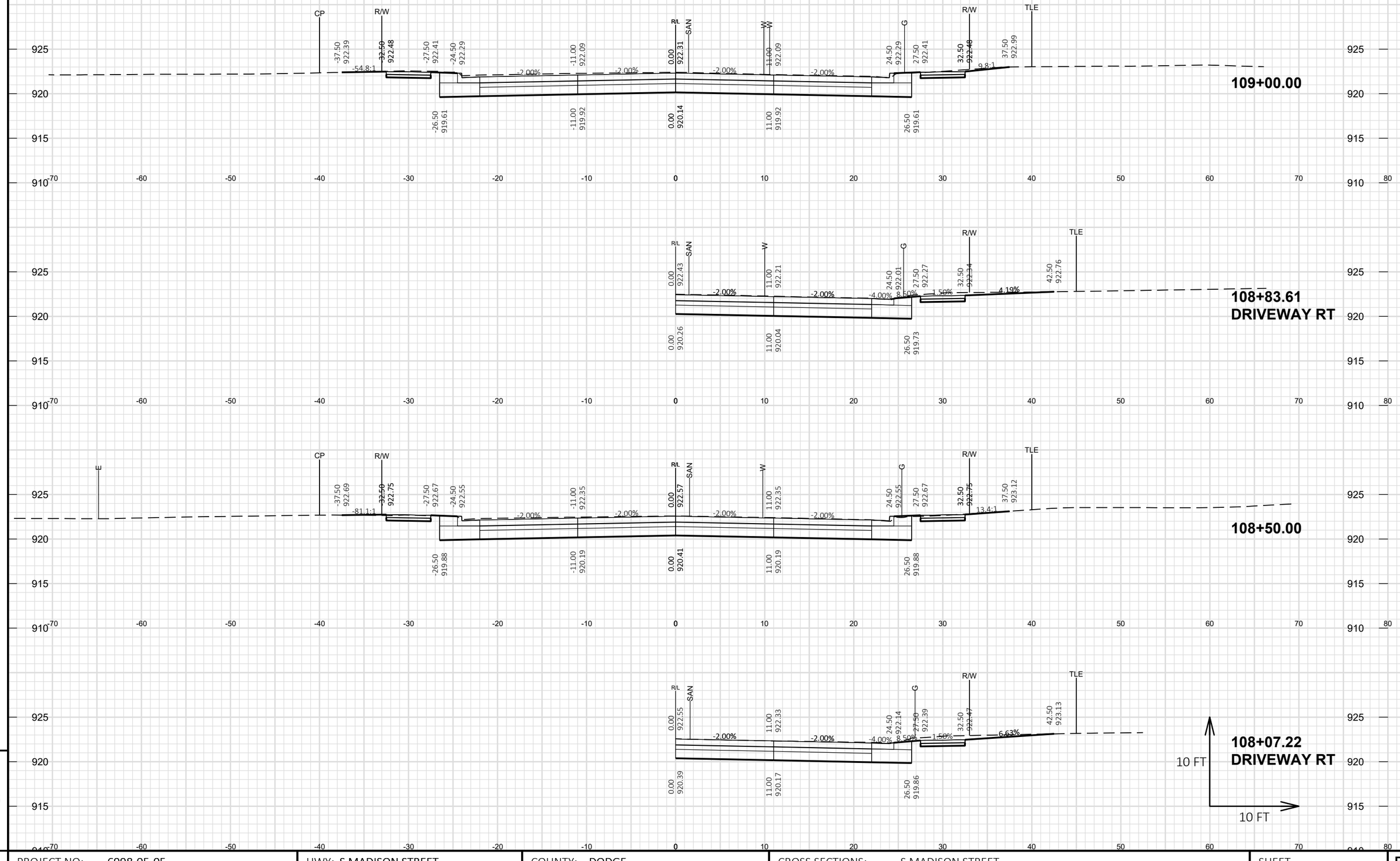

9

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: S MADISON STREET | SHEET 148 E |
|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-090201-XS.DWG
LAYOUT NAME - 106-Madison

PLOT DATE : 7/16/2020 12:31 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

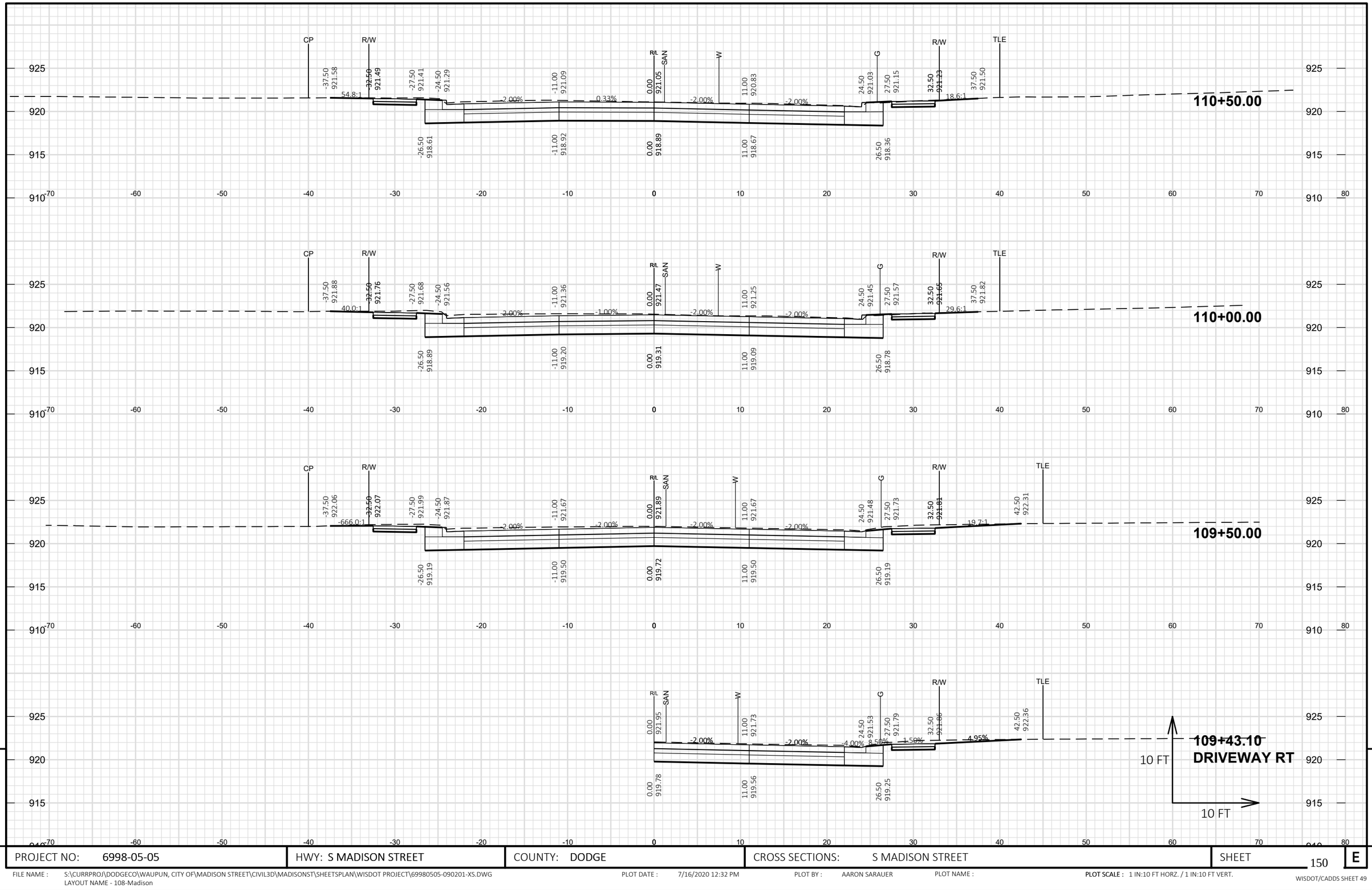



9

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: S MADISON STREET | SHEET 149 E |
|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-090201-XS.DWG
LAYOUT NAME - 107-Madison

PLOT DATE : 7/16/2020 12:31 PM PLOT BY : AARON SARAUER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



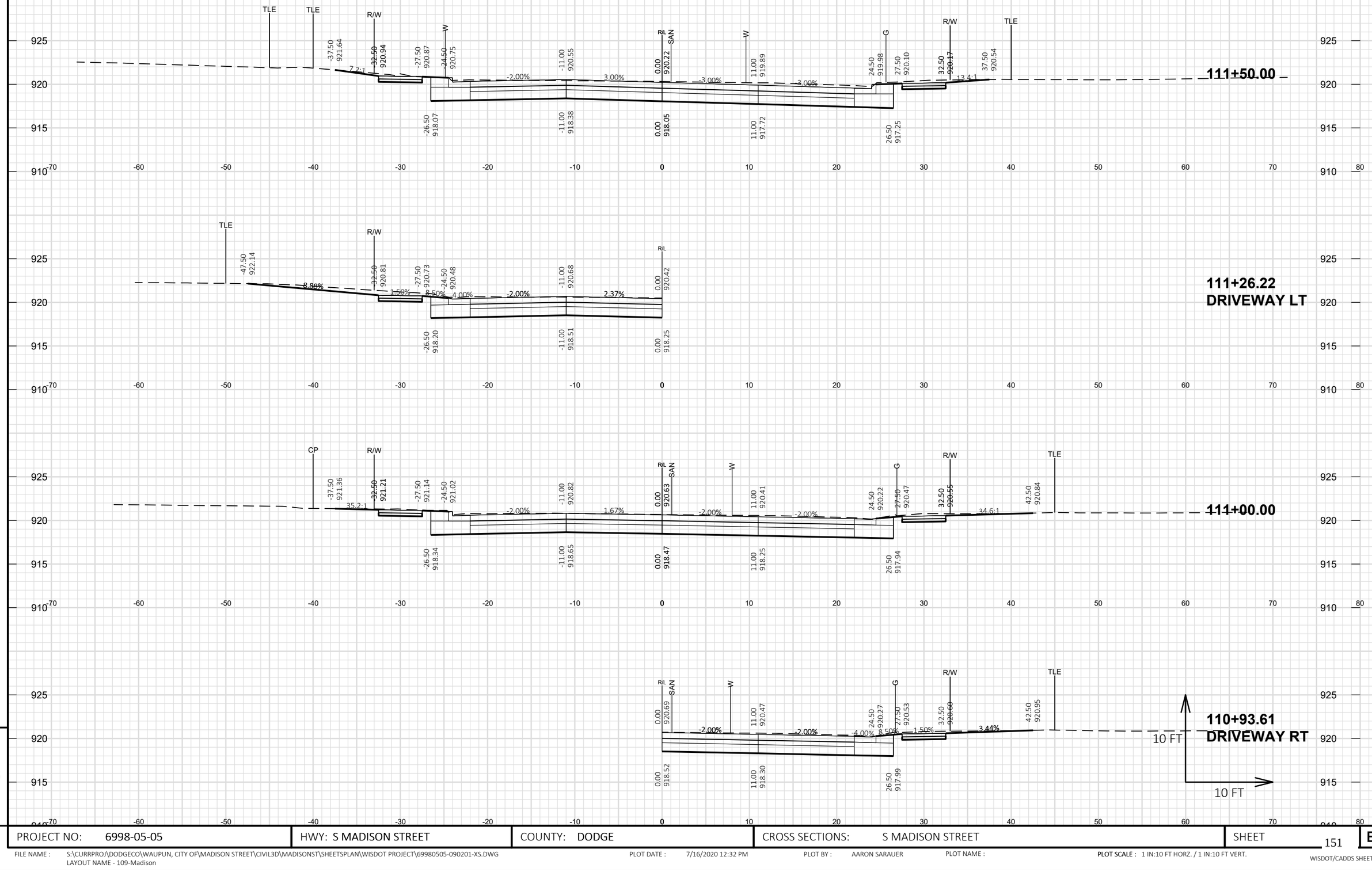

9

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: S MADISON STREET | SHEET 150 E |
|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-090201-XS.DWG
LAYOUT NAME - 108-Madison

PLOT DATE : 7/16/2020 12:32 PM PLOT BY : AARON SARAUER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49




9

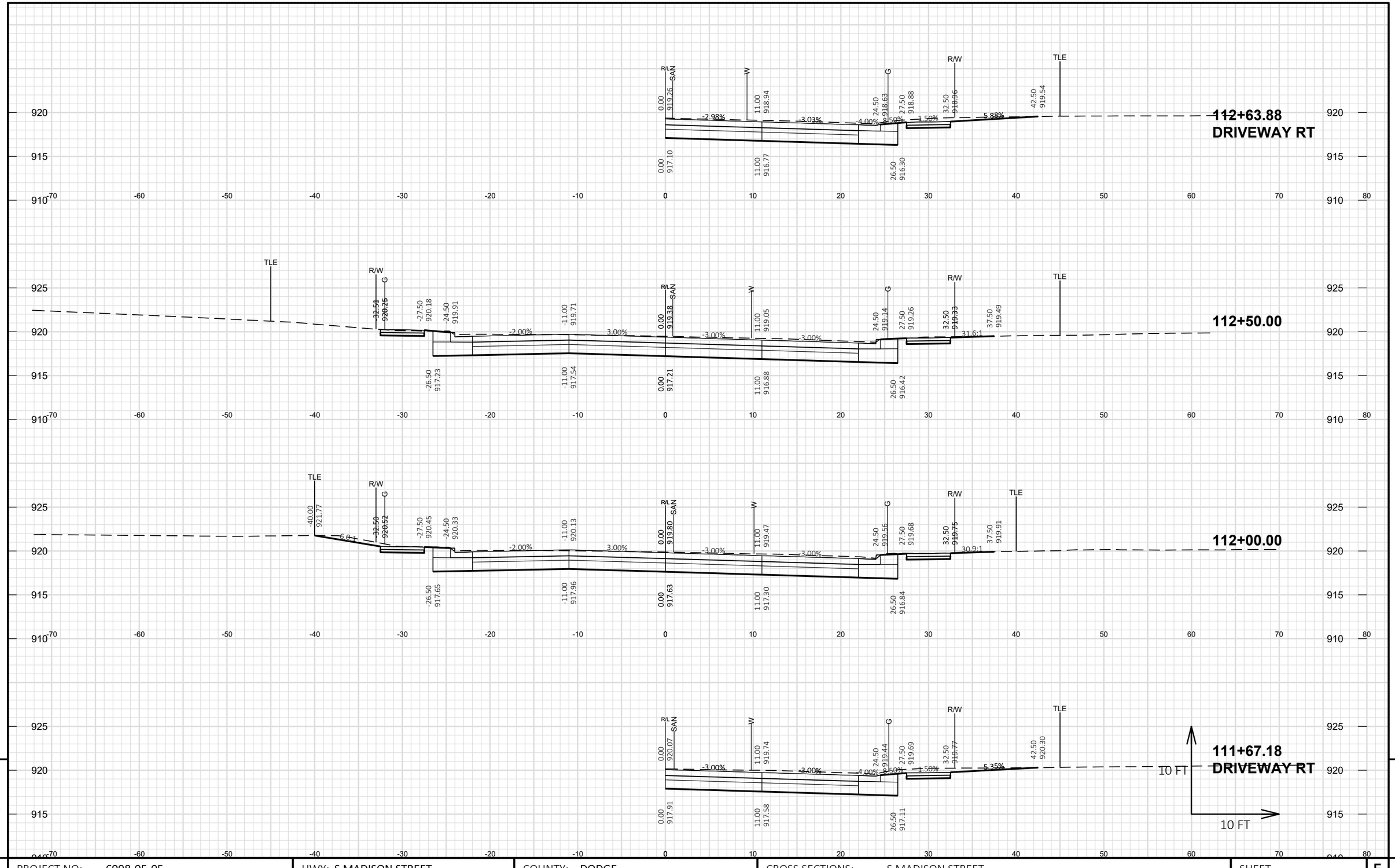
9

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: S MADISON STREET | SHEET 151 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-090201-XS.DWG
LAYOUT NAME - 109-Madison

PLOT DATE : 7/16/2020 12:32 PM PLOT BY : AARON SARAUER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

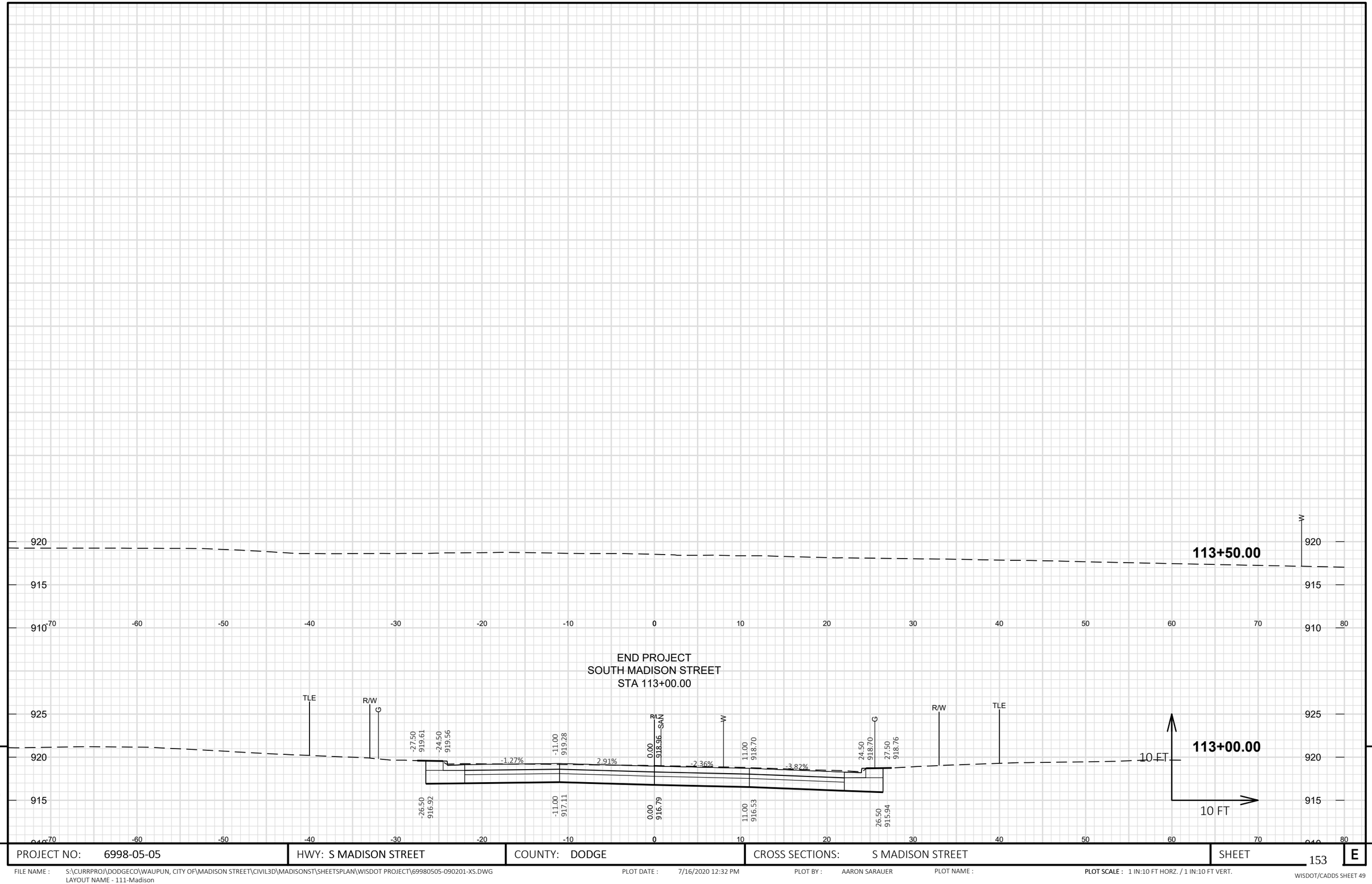



9

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: S MADISON STREET | SHEET 152 E |
|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-090201-XS.DWG
LAYOUT NAME - 110-Madison

PLOT DATE : 7/16/2020 12:32 PM PLOT BY : AARON SARAUER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

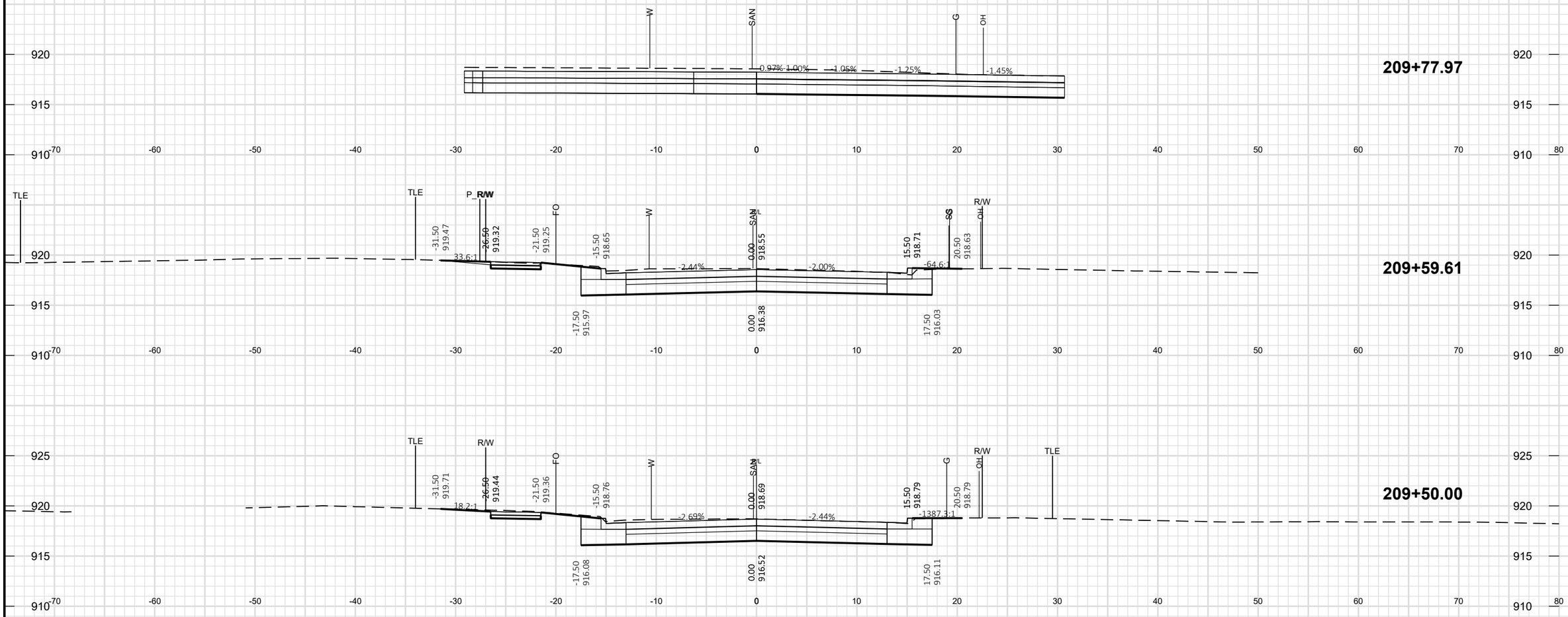



| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: S MADISON STREET | SHEET 153 |
|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-090201-XS.DWG
LAYOUT NAME - 111-Madison

PLOT DATE : 7/16/2020 12:32 PM PLOT BY : AARON SARAUER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

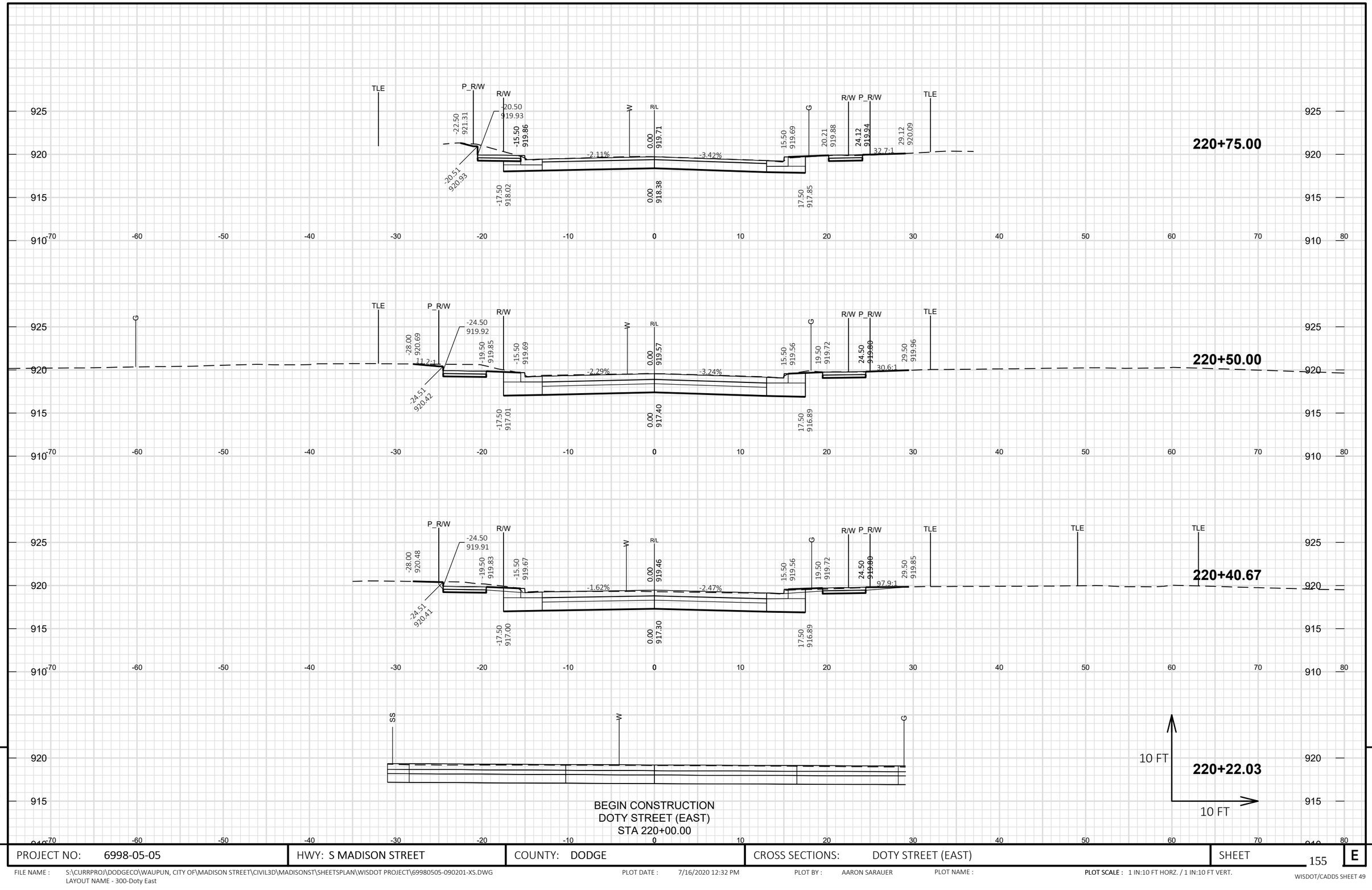
END CONSTRUCTION
DOTY STREET (WEST)
STA 210+00.00




BEGIN CONSTRUCTION
DOTY STREET (WEST)
STA 209+25.00

| | | | | |
|---|---|---|---|---|
| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: DOTY STREET (WEST) | SHEET 154 E |

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-090201-XS.DWG
LAYOUT NAME - 200-Doty West
PLOT DATE : 7/16/2020 12:32 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.




BEGIN CONSTRUCTION
DOTY STREET (EAST)
STA 220+00.00

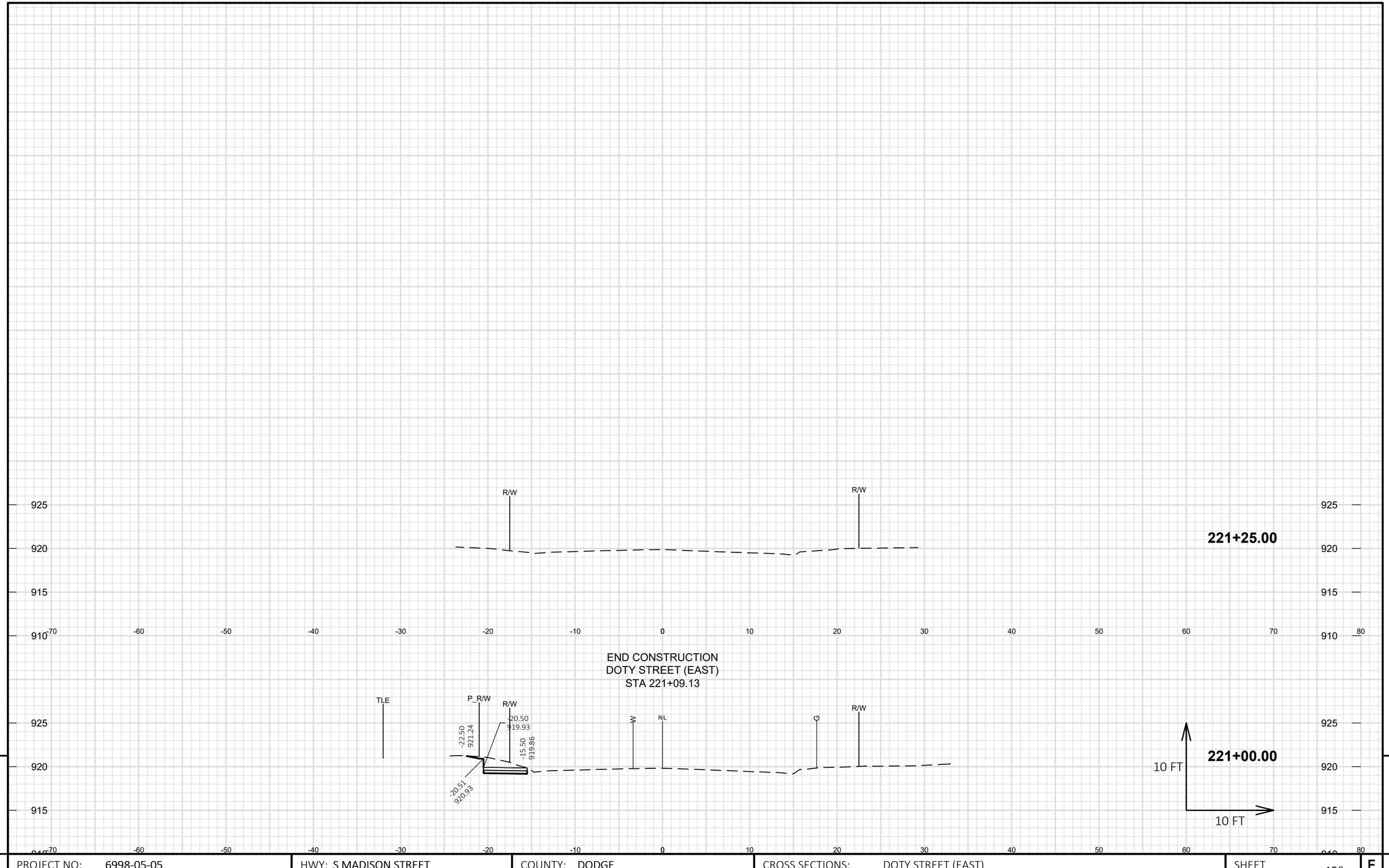
9

9

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: DOTY STREET (EAST) | SHEET 155 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-090201-XS.DWG
LAYOUT NAME - 300-Doty East

PLOT DATE : 7/16/2020 12:32 PM PLOT BY : AARON SARAUER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.




9

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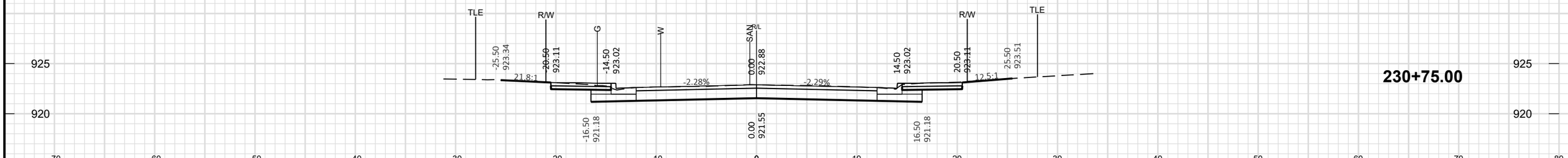
| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: DOTY STREET (EAST) | SHEET 156 | E |
|---|---|---|---|---|---|

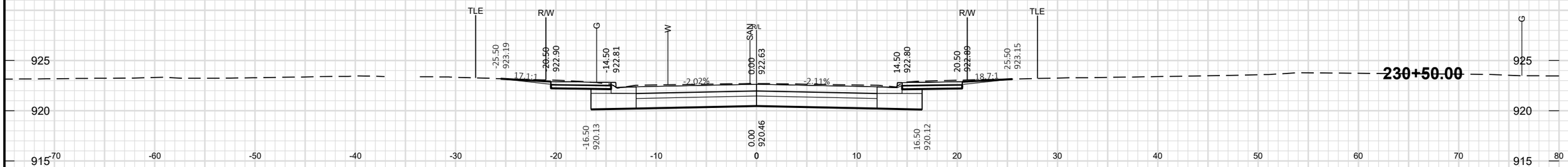
FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-090201-XS.DWG
LAYOUT NAME - 301-Doty East

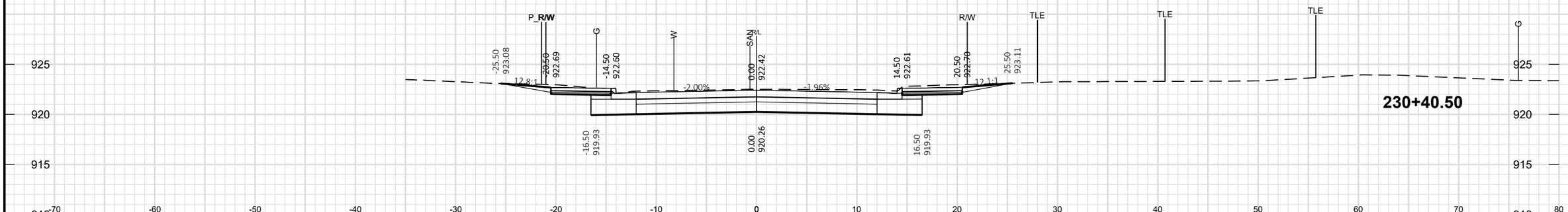
PLOT DATE : 7/16/2020 12:32 PM PLOT BY : AARON SARAUER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

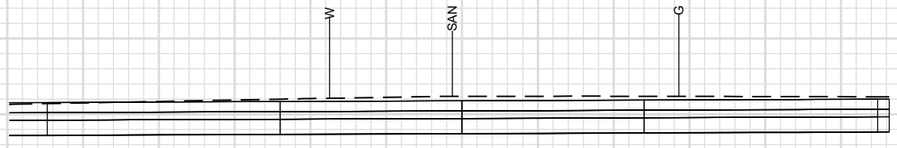
WISDOT/CADDS SHEET 49

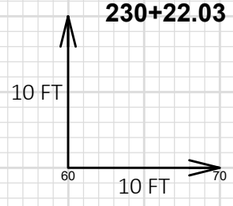
END CONSTRUCTION
PARK AVENUE (EAST)
STA 230+75.00




BEGIN CONSTRUCTION
PARK AVENUE (EAST)
STA 230+00.00

9

9

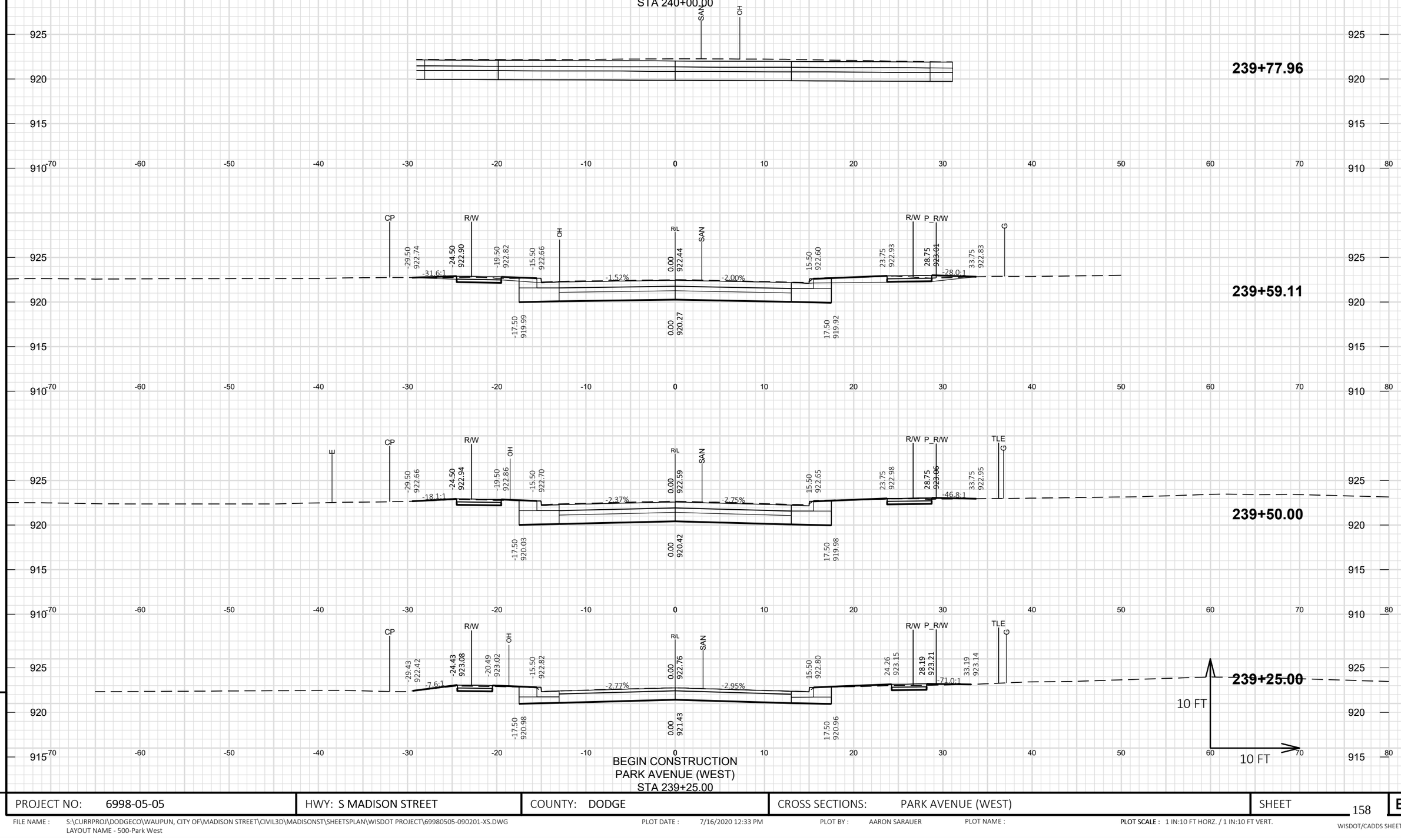
| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: PARK AVENUE (EAST) | SHEET 157 | E |
|---|---|---|---|---|---|

FILE NAME : S:\CURRPROJ\DODGECO\WAUPUN, CITY OF\MADISON STREET\CIVIL3D\MADISONST\SHEETSPLAN\WISDOT PROJECT\69980505-090201-XS.DWG
LAYOUT NAME - 400-Park East

PLOT DATE : 7/16/2020 12:33 PM PLOT BY : AARON SARAUER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

END CONSTRUCTION
PARK AVENUE (WEST)
STA 240+00.00




BEGIN CONSTRUCTION
PARK AVENUE (WEST)
STA 239+25.00

9

9

| PROJECT NO: 6998-05-05 | HWY: S MADISON STREET | COUNTY: DODGE | CROSS SECTIONS: PARK AVENUE (WEST) | SHEET 158 | E |
|---|---|---|---|---|---|

Notes

**Wisconsin Department of Transportation**

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov