SWL MARCH 2015

PROJECT ID: 5990-01-20/21

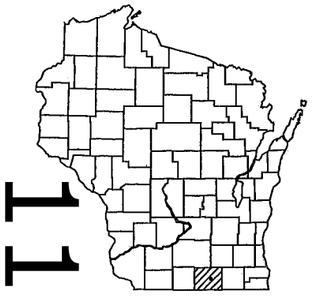
WITH:

COUNTY: ROCK

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details (Includes Erosion Control Plan)
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 = 268



11

N

DESIGN DESIGNATION

A.A.D.T.	(2015)	= 7,200
A.A.D.T.	(2035)	= 8,600
D.H.V.		= 1,100
D.D.		= 58/42
T.		= 3.7%
DESIGN SPEED		= 30 MPH
ESALS		= 627,800

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- HIGH VOLTAGE COMBUSTIBLE FLUIDS (CAUTION / 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 (95.35)
- CULVERT (Profile View)

UTILITIES

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

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

CITY OF JANESVILLE, MAIN STREET

(ST. LAWRENCE AVENUE TO CENTERWAY)

LOCAL STREET

ROCK COUNTY

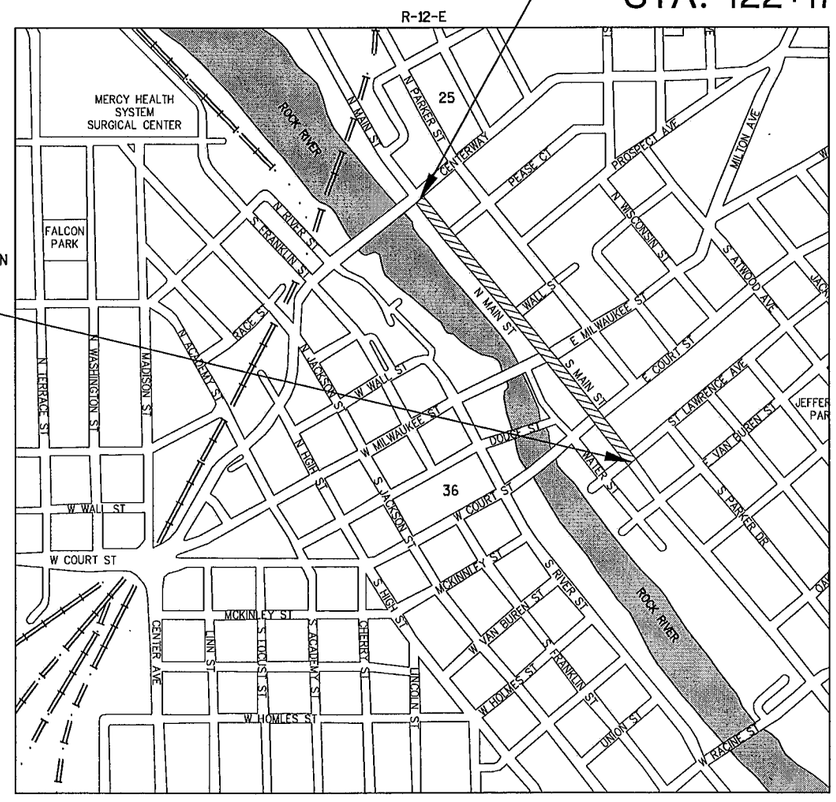
STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5990-01-20	WISC 2015121	1
5990-01-21	———	—

STATE PROJECT NUMBER	STATE PROJECT NUMBER
5990-01-20	5990-01-21
ROADWAY ITEMS	LOCAL UTILITIES

END PROJECT
STA. 122+17.00

BEGIN PROJECT
STA. 100+50.00
Y = 268,473.61
X = 493,915.01

T-3-N



LAYOUT
SCALE 0 500 FT.

TOTAL NET LENGTH OF CENTERLINE = 0.410

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, ROCK COUNTY, NAD83 (YEAR), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ACCEPTED FOR

CITY of Janesville

10-8-14 (Date) (Director of Public Works)

ORIGINAL PLANS PREPARED BY

MSA PROFESSIONAL SERVICES
TRANSPORTATION • MUNICIPAL • REMEDIATION
DEVELOPMENT • ENVIRONMENTAL

2901 International Lane, Suite 300 Madison, WI 53704
608-242-7779 1-800-446-0679 Fax: 608-242-5664

WISCONSIN
BRADLEY S. REENTS
E-41069
MADISON
WI
PROFESSIONAL ENGINEER

DATE: 10/6/14 (Professional Engineer)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor: COMBS & ASSOCIATES

Designer: MSA PROFESSIONAL SERVICES, INC.

Management Consulatant: KJOHNSON ENGINEERS

APPROVED FOR THE DEPARTMENT

DATE: 10/29/14 Management Consultant Signature

E

GENERAL NOTES

TYPICAL FINISHED SECTIONS SHOW THE GENERAL ROADWAY FEATURES THROUGHOUT THE PROJECT. PAVEMENT SLOPES, BORDER SLOPES, ETC., MAY VARY WITHIN THE STATION LIMITS OF EACH SECTION.

CROSS SLOPES AS SHOWN ON THE TYPICAL SECTION WILL VARY AT THE INTERSECTIONS. SEE DETAIL SHEETS AND CROSS SECTIONS FOR SLOPES AND GRADES.

ALL LENGTHS ARE IN FEET EXCEPT AS SHOWN.

OFFSETS FOR INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF STRUCTURE.

EARTHWORK WASTE MATERIAL SHOWN ON THE EARTHWORK SUMMARY SHALL BE HAULED FROM THE PROJECT, EXCEPT AS DIRECTED BY ENGINEER.

THE EXACT LOCATION AND WIDTH OF DRIVEWAYS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. DRIVEWAYS SHALL BE REPLACED IN KIND.

RADIUS DIMENSIONS FOR THE CURB AND GUTTER ARE TO THE FACE OF CURB.

ALL DISTURBED AREAS SHALL BE COVERED WITH TOPSOIL, FERTILZER AND SOD OR E-MAT AS SHOWN IN THE EROSION CONTROL DETAILS. DISTURBED AREAS BEHIND THE BACK OF NEW SIDEWALK SHALL BE TOPSOILED, SEEDED, FERTILIZED AND MULCHED. PAYMENT FOR RESTORATION WILL ONLY BE FOR AREAS SHOWN ON THE PLANS WITHIN THE SLOPE INTERCEPTS.

EROSION CONTROL DEVICES SHALL BE PLACED IN SEQUENCE OF CONSTRUCTION OPERATIONS AND MAINTAINED AS DETERMINED BY ENGINEER.

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

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

THE LIMITS OF PAVEMENT REMOVAL ON SIDE STREETS IS APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER.

THE REMOVAL OF CONCRETE DRIVEWAYS, SIDEWALK, MEDIAN AND TERRACE BRICK SHALL BE MEASURED AND PAID AS REMOVING CONCRETE SIDEWALK.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE AND IS NOT SHOWN ON THE CROSS SECTIONS, BUT IS MEASURED AND PAID FOR AS EXCAVATION COMMON. THE LOCATION OF EBS WILL BE DETERMINED BY THE ENGINEER.

PIPE ELEVATIONS AS SHOWN ON THE PLANS MAY BE ADJUSTED BY THE ENGINEER TO FIT EXISTING FIELD CONDITIONS.

GRADES SHOWN ON THE PLANS MAY BE ADJUSTED BY THE ENGINEER TO FIT EXISTING FIELD CONDITIONS.

THE EROSION CONTROL FEATURES ARE SHOWN ON THE PLAN AND ARE AT SUGGESTED LOCATIONS. EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER.

INDEX OF TYPICAL SECTIONS & DETAIL SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
RAMP AND PLANTER DETAILS
DRIVEWAY DETAILS
STEP DETAILS
CONSTRUCTION OVERVIEW
PAVING DETAILS
PATCHING PLAN
EROSION CONTROL
STORM SEWER
WATERMAIN
SITE LAYOUT AND MATERIALS PLAN AND DETAILS
SITE LANDSCAPE PLAN AND DETAILS
PERMANENT SIGNING AND PAVEMENT MARKINGS
LIGHTING
TRAFFIC SIGNALS
DETOUR ROUTE
TRAFFIC CONTROL
CONTROL POINT TIES
ALIGNMENT OVERVIEW

DIGGERS HOTLINE

Dial 811 or (800) 242-8511

www.DiggersHotline.com

WISCONSIN PUBLIC SERVICE EMERGENCY CONTACT NUMBERS:
ELECTRIC 24-HOUR EMERGENCY SERVICE: 1-800-862-6222
GAS 24-HOUR EMERGENCY SERVICE: 1-800-862-6222

DNR LIAISON

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
ATTN: ERIC HEGGELUND
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
PHONE: (608) 275-3301
EMAIL: eric.heggelund@wisconsin.gov

DESIGN CONTACTS

MSA PROFESSIONAL SERVICES
ATTN: BRAD REENTS
2901 INTERNATIONAL LANE, SUITE 300
MADISON, WI 53704-3133
PHONE: (608) 242-7779
E-MAIL: breents@msa-ps.com

CITY OF JANESVILLE
ATTN: DENNIS RYAN
18 N. JACKSON STREET
JANESVILLE, WI 53547
PHONE: (608) 755-3171
FAX: (608) 755-3189
E-MAIL: ryand@ci.janesville.wi.us

UTILITIES

STORM SEWER, TRAFFIC SIGNALS AND STREET LIGHTING:
CITY OF JANESVILLE ENGINEERING
ATTN: DENNIS RYAN
PO BOX 5005
18 N. JACKSON STREET
JANESVILLE, WI 53547
PHONE: (608) 755-3171
E-MAIL: ryand@ci.janesville.wi.us

SANITARY SEWER & WATERMAIN:
CITY OF JANESVILLE WATER UTILITY
ATTN: CRAIG THIESENHUSEN
123 E. DELAVAN DRIVE
JANESVILLE, WI 53547
PHONE: (608) 373-3471
E-MAIL: THIESENHUSENC@ci.janesville.wi.us

TELEPHONE:
AT&T WISCONSIN
ATTN: CAROL ANASON
316 W. WASHINGTON AVE.
MADISON, WI 53703
PHONE: (608) 252-2385
E-MAIL: ca2624@att.com

GAS AND ELECTRIC:
ALLIANT ENERGY
ATTN: RON ROHM
3730 KENNEDY ROAD
JANESVILLE, WI 53545-8812
PHONE: (608) 757-7514
E-MAIL: ronaldrohm@alliantenergy.com

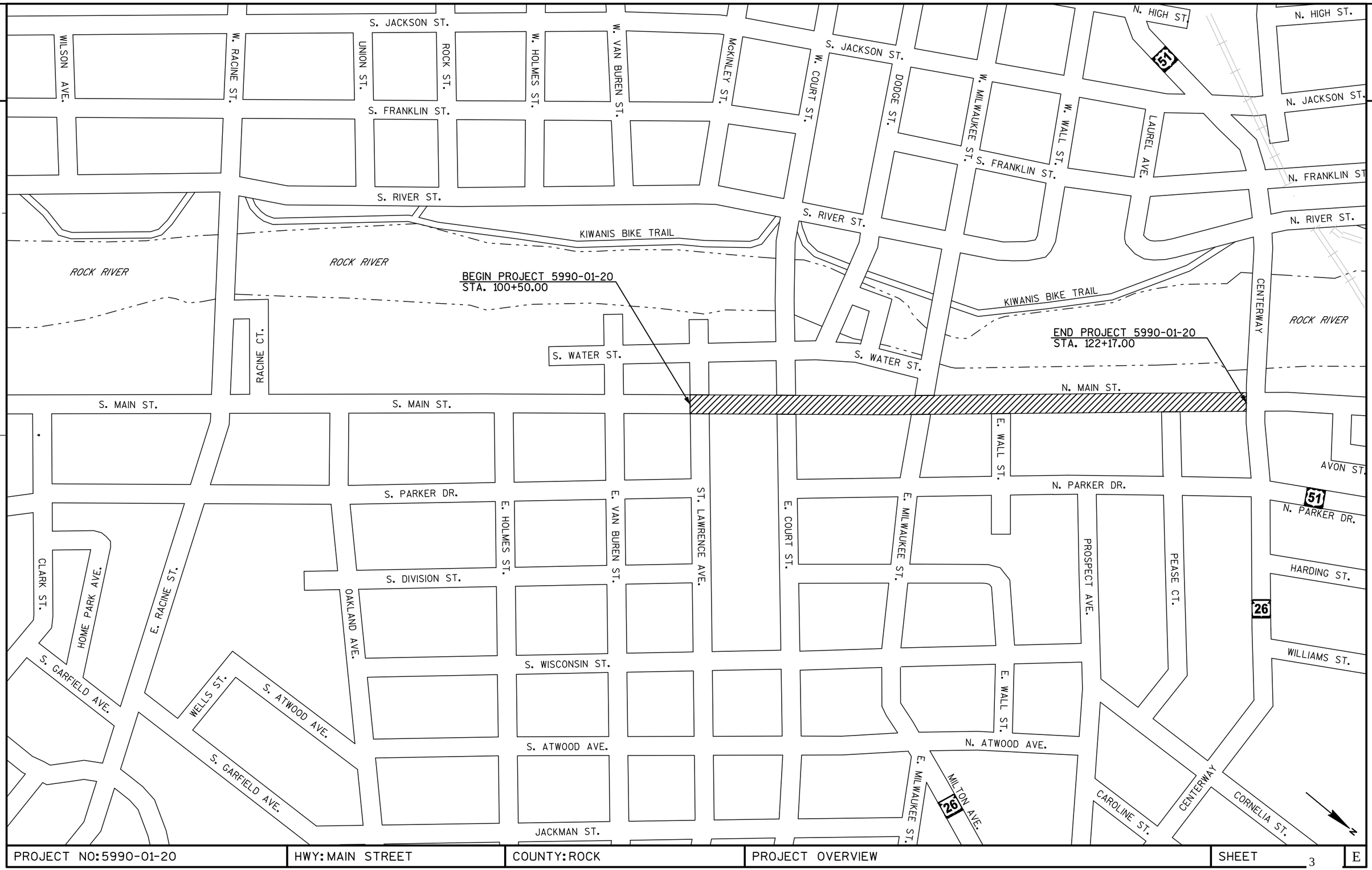
CABLE TELEVISION:
CHARTER COMMUNICATIONS
ATTN: RANDY STEURER
1348 PLAINFIELD AVENUE
JANESVILLE, WI 53547
PHONE: (608) 373-7544
E-MAIL: randy.steurer@charter.com

WINDSTREAM
ATTN: CHUCK SHAPIRO
13935 BISHOPS DRIVE
BROOKFIELD, WI 53005
PHONE: (414) 406-8109
E-MAIL: shapiroc@sbcglobal.net

**DENOTES UTILITIES THAT ARE NOT DIGGERS HOTLINE MEMBERS

STANDARD ABBREVIATIONS

AC	ACRES
AH	AHEAD
ALUM.	ALUMINUM
A.P.	ACCESS POINT
AVE	AVENUE
BK	BACK
BLK	BLOCK
BM	BENCHMARK
CABC	CRUSHED AGGREGATE BASE COURSE
CL or ℄	CENTERLINE
Δ	CENTRAL ANGLE or DELTA
CP	CONTROL POINT
CSM	CERTIFIED SURVEY MAP
D	DEGREE OF CURVE
E	EAST
EB	EASTBOUND
ET AL	AND OTHERS
EW	ENDWALL
EXIST	EXISTING
FT	FOOT
FT2	SQUARE FEET
GN	GRID NORTH
HYD	HYDRANT
IN	INCH
INL	INLET
IP	IRON PIPE
L	LENGTH
L	LENGTH OF CURVE
LF	LINEAL FEET
LC	LONG CHORD
LCB	LONG CHORD BEARING
LT	LEFT
MH	MANHOLE
MI	MILE
MON	MONUMENT
N	NORTH
NB	NORTHBOUND
NO	NUMBER
PB	PULLBOX
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT
PT	POINT OF TANGENCY
PL	PROPERTY LINE
PLE	PERMANENT LIMITED EASEMENT
POB	POINT OF BEGINNING
R	RADIUS
R	RANGE
RCP	REINFORCED CONCRETE PIPE
REQ'D	REQUIRED
RL or R/L	REFERENCE LINE
RP	RADIUS POINT
RT	RIGHT
R/W	RIGHT-OF-WAY
RD	ROAD
SAN	SANITARY SEWER
S	SOUTH
SB	SOUTHBOUND
SQ	SQUARE
STD	STANDARD
SEC	SECTION
ST	STREET
STA	STATION
STM	STORM SEWER
STR	STRUCTURE
T	TANGENT
TAN	TANGENT
TEMP	TEMPORARY
TLE	TEMPORARY LIMITED EASEMENT
T or TN	TOWN
TYP.	TYPICAL
WM	WATERMAIN
WV	WATER VALVE
W	WEST
WB	WESTBOUND
X	EAST GRID COORDINATE
Y	NORTH GRID COORDINATE



PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PROJECT OVERVIEW	SHEET 3	E

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LAYOUT NAME - PROJECT OVERVIEW - PLAN 1 IN 10 FT

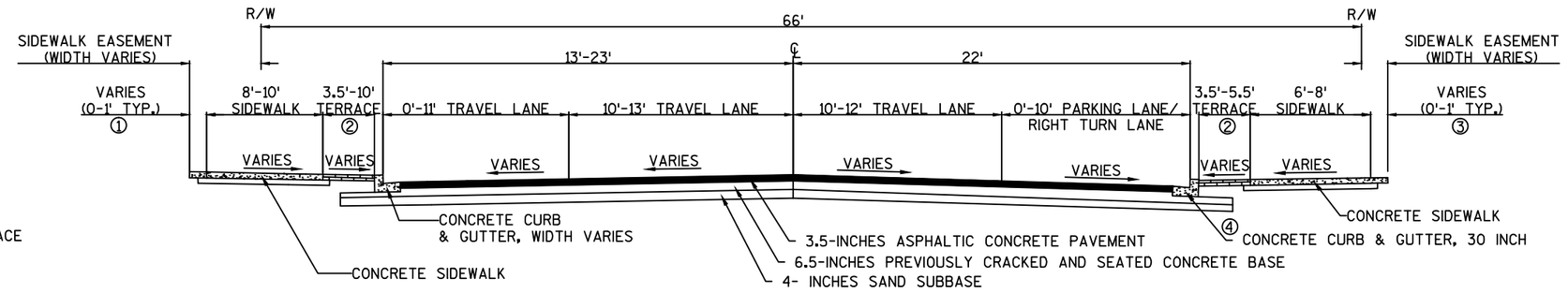
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WISDOT/CADDS SHEET 42

2

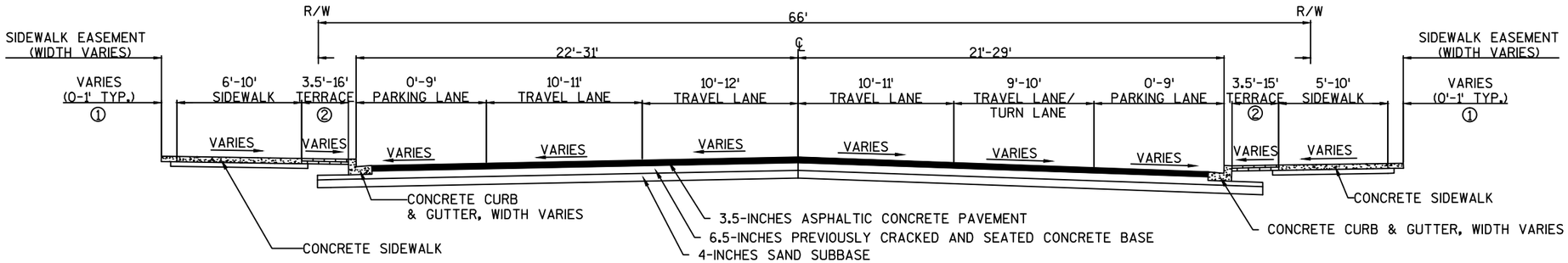
N

NOTES:
1. CONCRETE OR STEPS ADJACENT TO BUILDING
2. TERRACE CONSISTS OF BRICK PAVERS/ HARDSCAPE SURFACE
3. GRASS ADJACENT TO R/W FROM STA. 101+25 TO STA. 104+00
4. 30-INCH CONCRETE CURB AND GUTTER FROM STA. 101+25 TO STA. 104+00
5. MEDIAN CONSISTS OF BRICK PAVERS



EXISTING TYPICAL SECTION - MAIN STREET

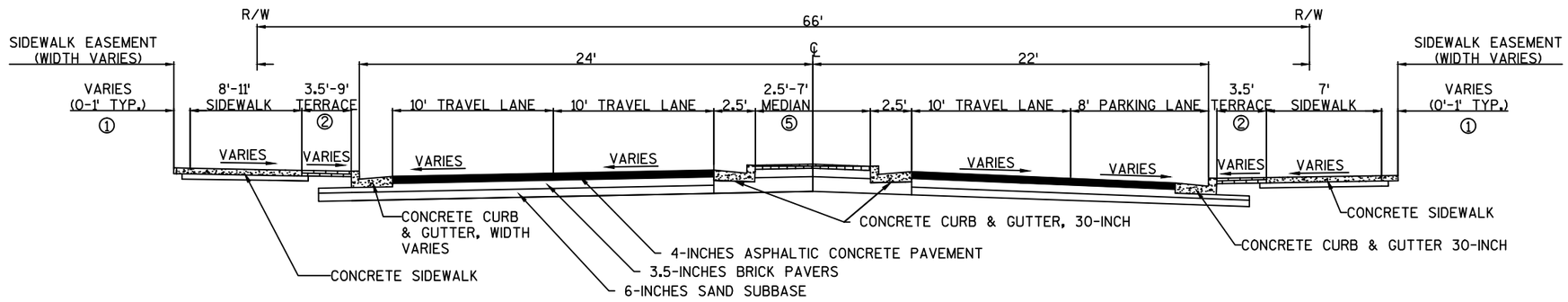
ST. LAWRENCE AVENUE TO COURT STREET
STA 101+00 TO STA 104+30



NOTE: SEE SITE LAYOUT & MATERIALS PLAN FOR TOOLED JOINT ALONG BUILDING FACES

EXISTING TYPICAL SECTION - MAIN STREET

COURT STREET TO MILWAUKEE STREET
STA 104+30 TO 109+80



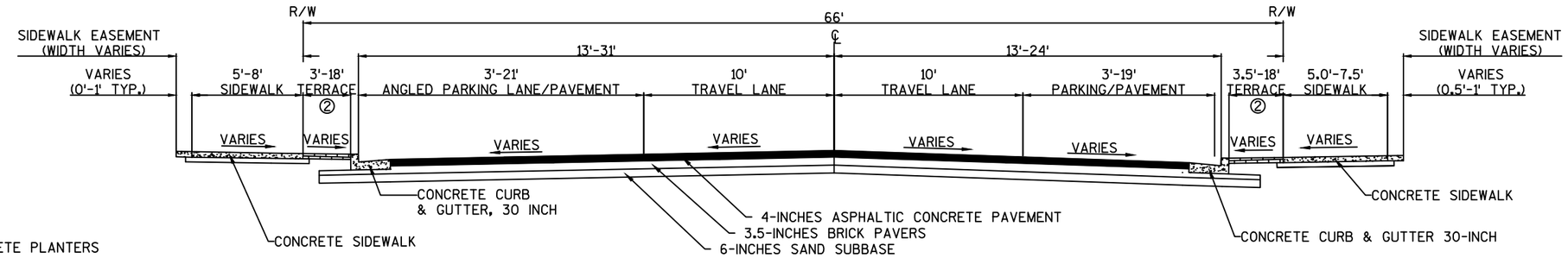
EXISTING TYPICAL SECTION - MAIN STREET

STA 109+80 TO 110+90

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	EXISTING TYPICAL SECTIONS	SHEET 4	E

N

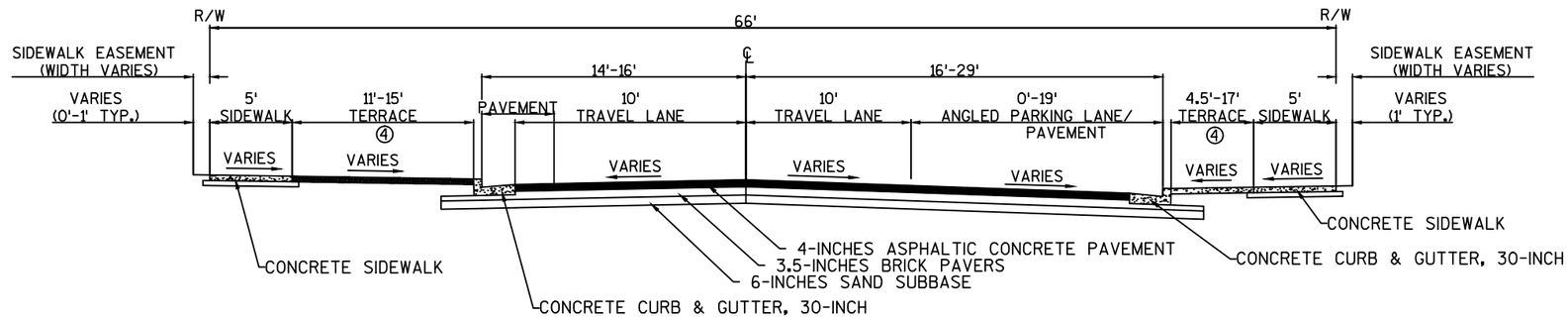
NOTES:
1. CONCRETE OR STEPS ADJACENT TO BUILDING
2. TERRACE CONSISTS OF BRICK PAVERS AND CONCRETE PLANTERS
3. CONCRETE TERRACE
4. GRASS TERRACE/PLANTINGS



EXISTING TYPICAL SECTION - MAIN STREET

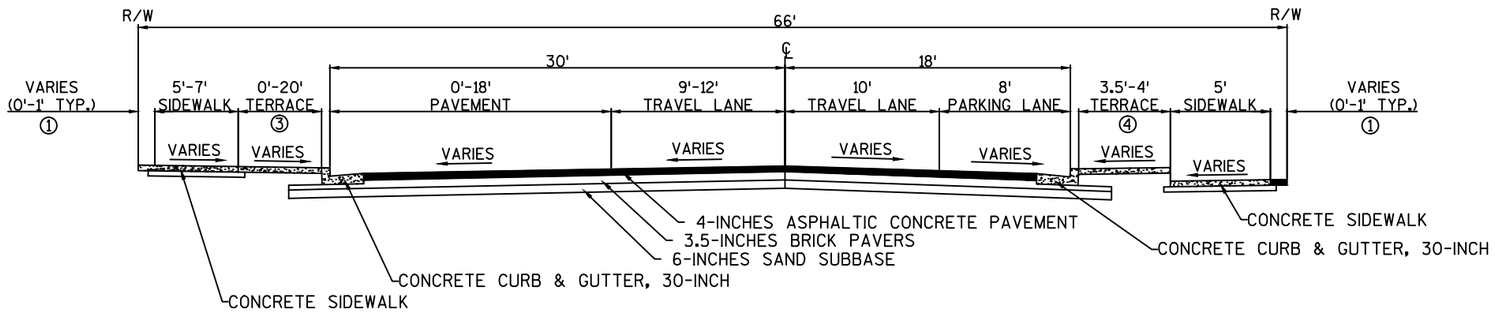
STA. 110+90 TO STA. 118+10

NOTE: SEE SITE LAYOUT & MATERIALS PLAN FOR TOOLED JOINT ALONG BUILDING FACES



EXISTING TYPICAL SECTION - MAIN STREET

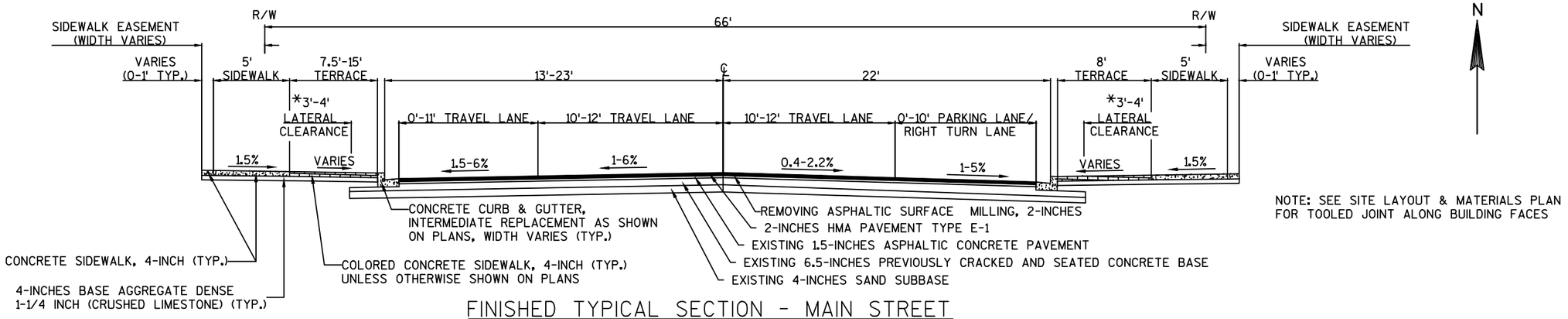
STA. 118+10 TO STA. 119+50



EXISTING TYPICAL SECTION - MAIN STREET

PEASE COURT TO CENTERWAY
STA. 119+50 TO STA. 122+17

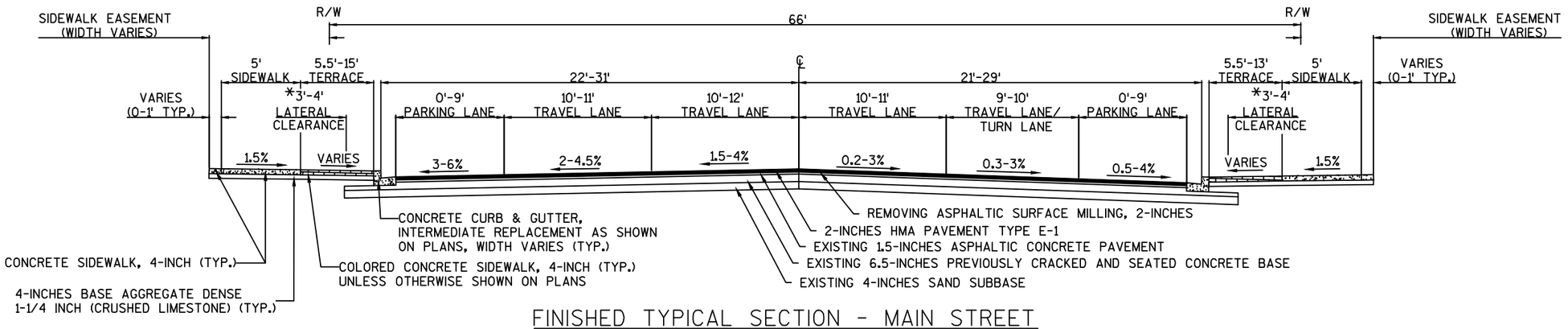
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NOTE: SEE SITE LAYOUT & MATERIALS PLAN FOR TOOLED JOINT ALONG BUILDING FACES

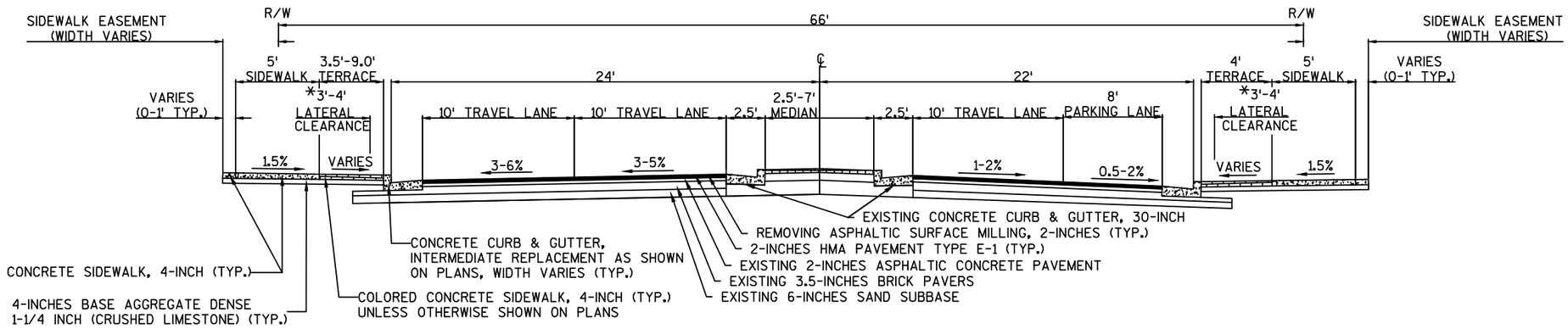
FINISHED TYPICAL SECTION - MAIN STREET

ST. LAWRENCE AVENUE TO COURT STREET
STA 101+00 TO STA 104+30



FINISHED TYPICAL SECTION - MAIN STREET

COURT STREET TO MILWAUKEE STREET
STA 104+30 TO 109+80



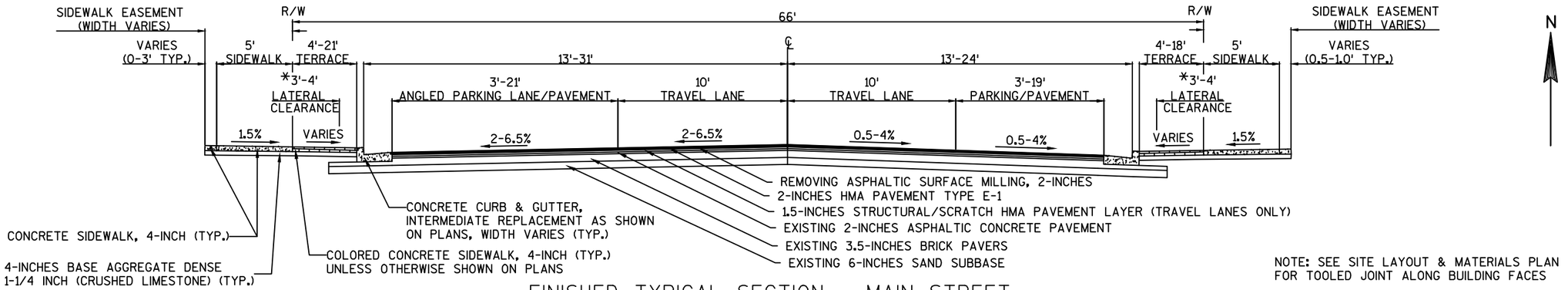
FINISHED TYPICAL SECTION - MAIN STREET

STA 109+80 TO 110+90

* 2' MINIMUM LATERAL CLEARANCE FROM FACE OF CURB MUST BE MAINTAINED

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	FINISHED TYPICAL SECTIONS	SHEET 6	E

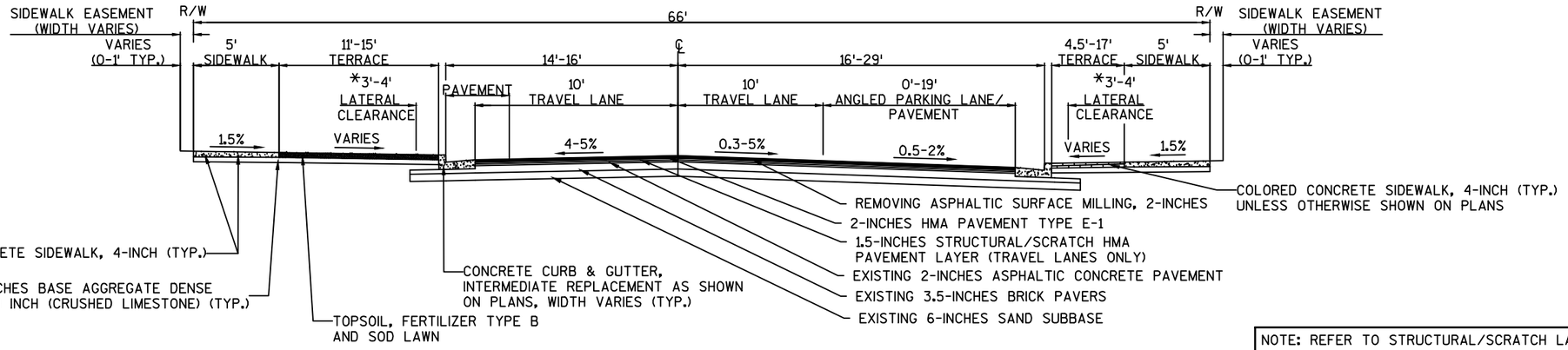
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PLOT DATE : 10/17/2014 7:25 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



NOTE: SEE SITE LAYOUT & MATERIALS PLAN FOR TOOLED JOINT ALONG BUILDING FACES

FINISHED TYPICAL SECTION - MAIN STREET

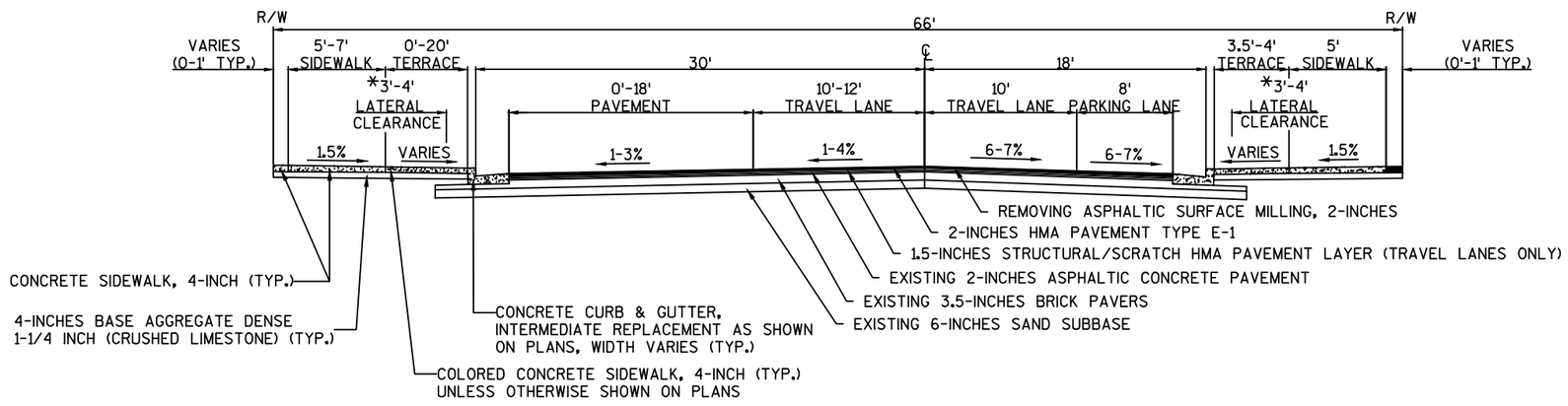
STA. 110+90 TO STA. 118+10



NOTE: REFER TO STRUCTURAL/SCRATCH LAYER DETAIL

FINISHED TYPICAL SECTION - MAIN STREET

STA. 118+10 TO STA. 119+50

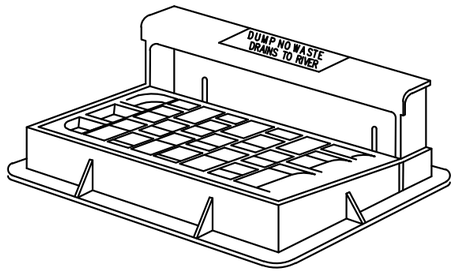


FINISHED TYPICAL SECTION - MAIN STREET

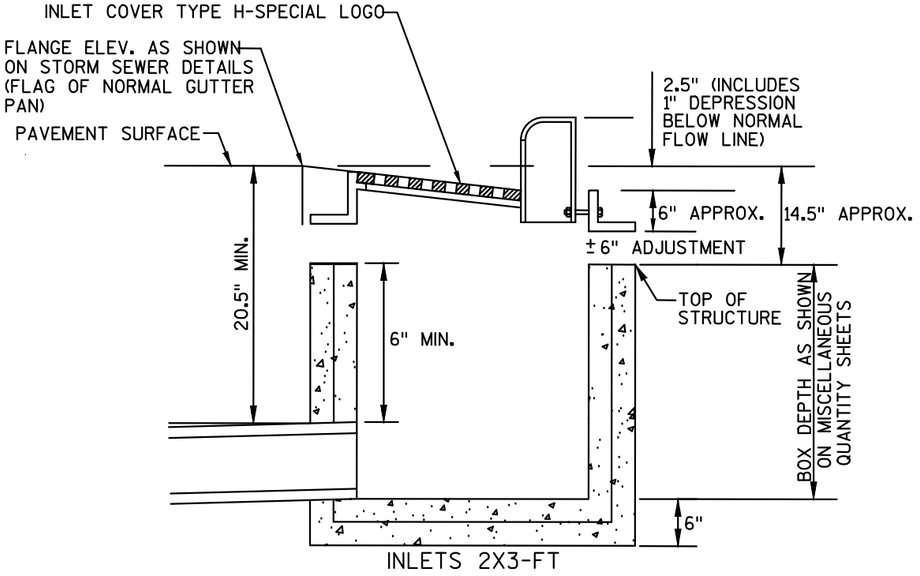
PEASE COURT TO CENTERWAY
STA. 119+50 TO STA. 122+17

* 2' MINIMUM LATERAL CLEARANCE FROM FACE OF CURB MUST BE MAINTAINED

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	FINISHED TYPICAL SECTIONS	SHEET 7	E

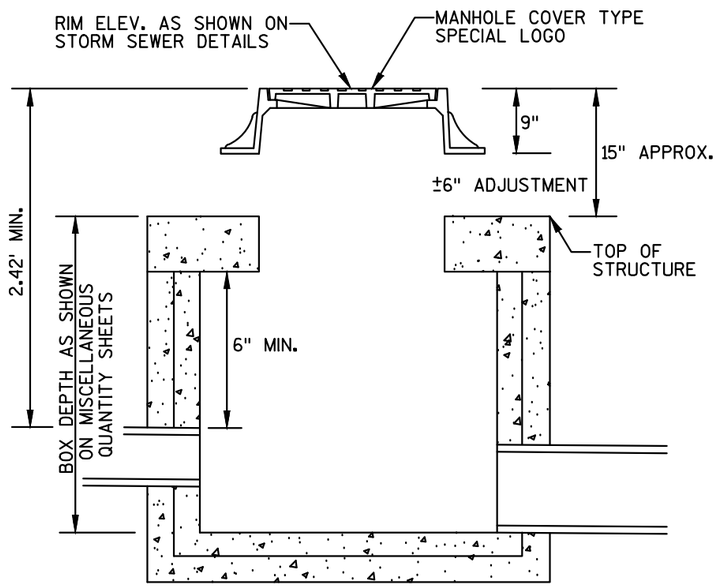


INLET COVER TYPE H-SPECIAL LOGO DETAIL



DETAIL FOR COMPUTING INLET ELEVATIONS
SCALE: NONE

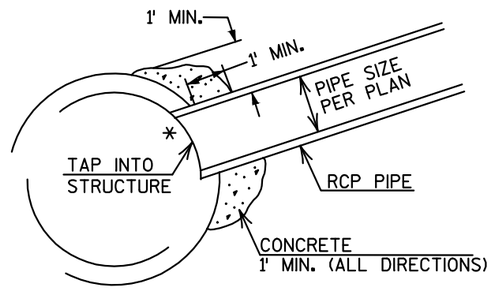
STATION, OFFSETS FOR MANHOLES ARE TO CENTER OF STRUCTURE



DETAIL FOR COMPUTING MANHOLE ELEVATIONS
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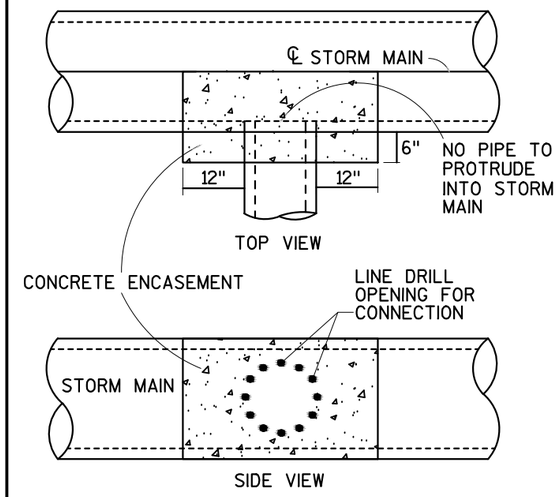
NOTE: CONCRETE INCIDENTAL TO INSTALLATION OF STORM SEWER PIPE

NO PIPE TO PROTRUDE INTO MANHOLE

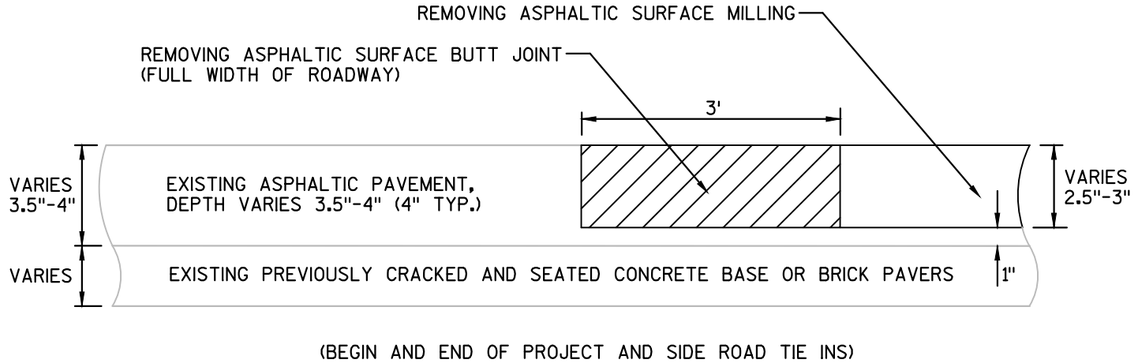


PLAN VIEW

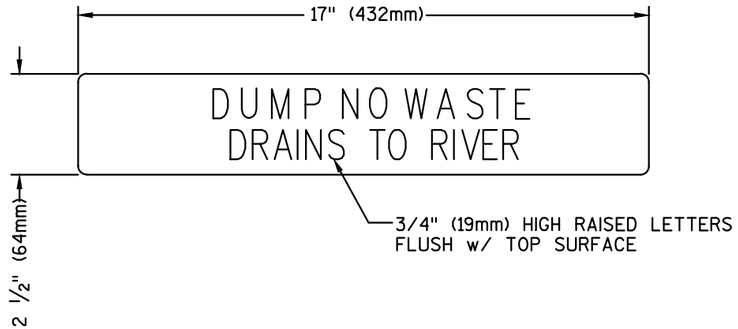
MANHOLE CONNECTION DETAIL
SCALE: NONE



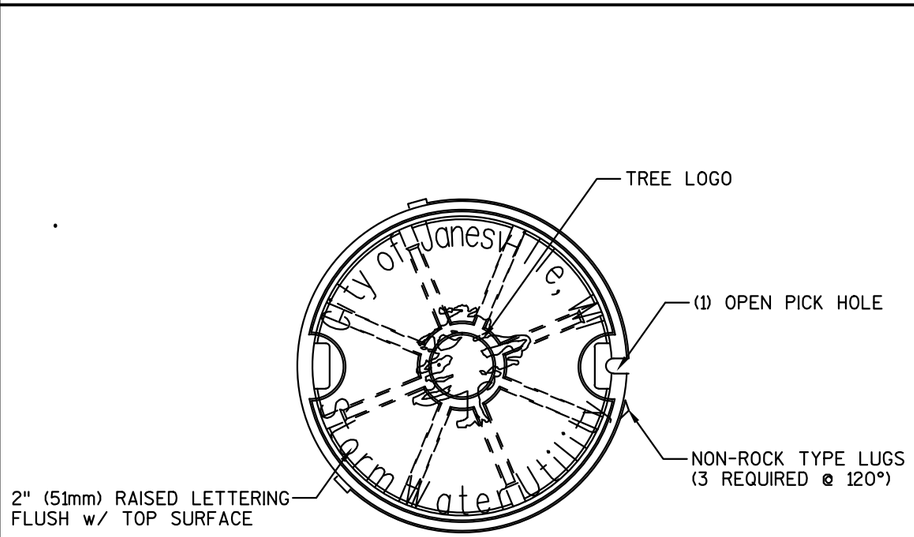
STORM SEWER PIPE TAP DETAIL
SCALE: NONE

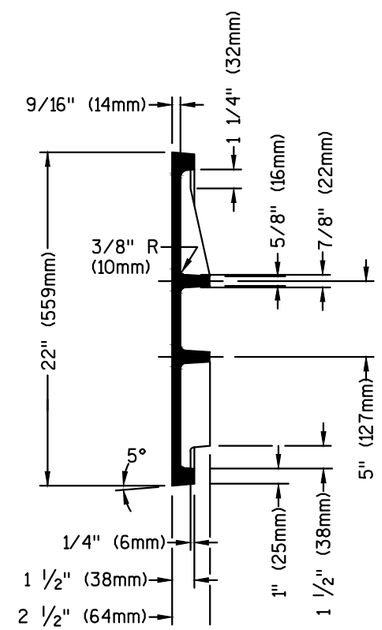


REMOVING ASPHALTIC SURFACE BUTT JOINT DETAIL
SCALE: NONE



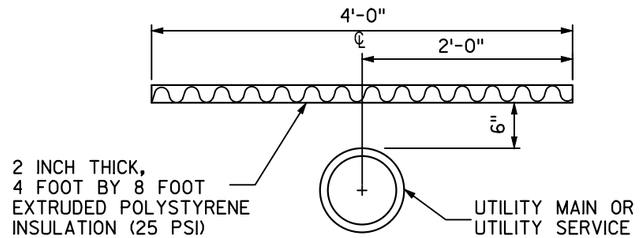
INLET CASTING SPECIAL LOGO DETAIL
SCALE: NONE



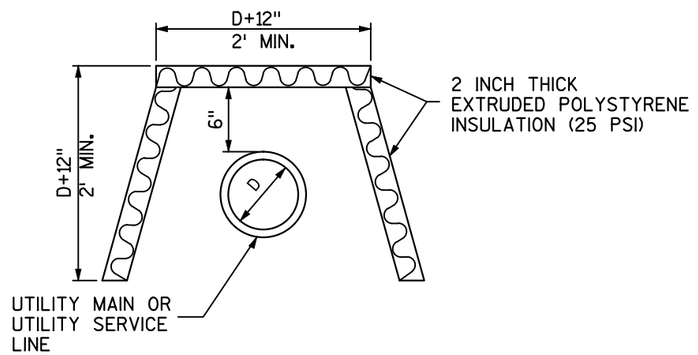


NOTE: ALL DIMENSIONS SHOWN ARE IN ENGLISH AND [METRIC]
MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 35B
FINISH: NO PAINT
WEIGHT: 95#

MANOLE COVER TYPE SPECIAL LOGO DETAIL
SCALE: NONE



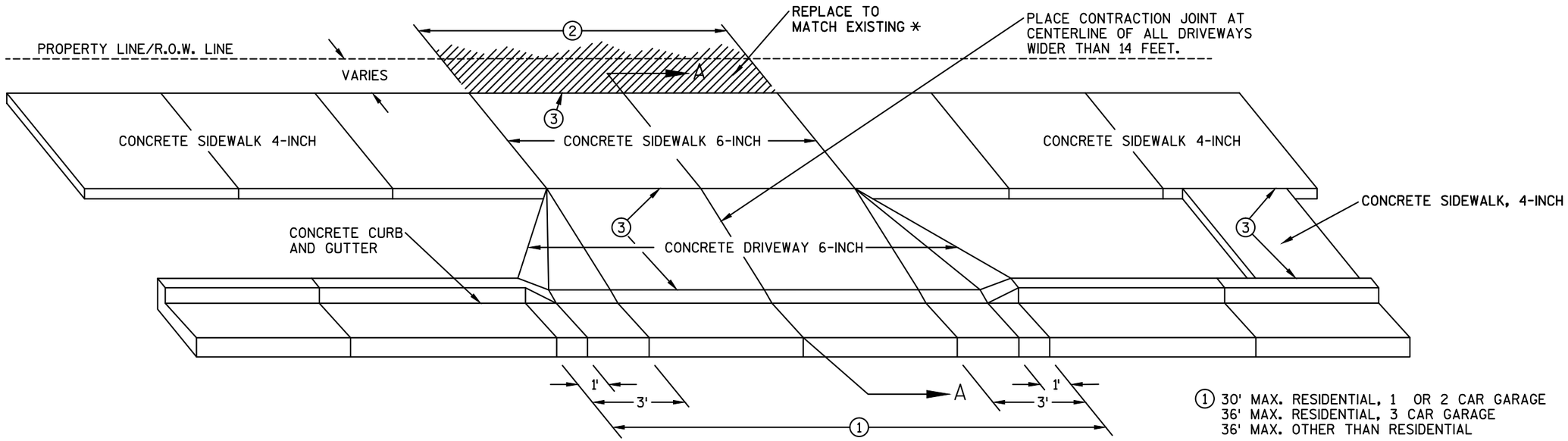
STANDARD INSTALLATION



SIDE PROTECTION INSTALLATION

NOTE: THE SIDE PROTECTION INSULATION SHALL BE USED WHERE FROST WILL PENETRATE BELOW THE PIPE INVERT

PIPE INSULATION DETAIL
SCALE: NONE



① 30' MAX. RESIDENTIAL, 1 OR 2 CAR GARAGE
36' MAX. RESIDENTIAL, 3 CAR GARAGE
36' MAX. OTHER THAN RESIDENTIAL

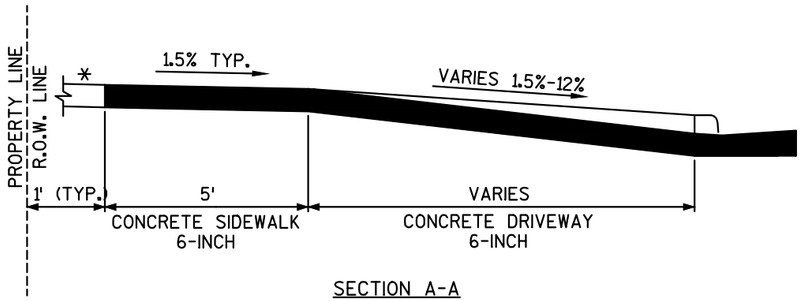
② 24' MAX. RESIDENTIAL, 1 OR 2 CAR GARAGE
30' MAX. RESIDENTIAL, 3 CAR GARAGE
30' MAX. OTHER THAN RESIDENTIAL

③ ½-INCH EXPANSION JOINT MATERIAL

* NOTES FOR REPLACING DRIVEWAYS:

1. ASPHALT - 2-INCHES ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRANCES ON 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH

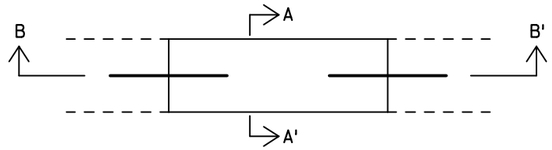
2. CONCRETE - CONCRETE DRIVEWAY 6-INCH ON 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH



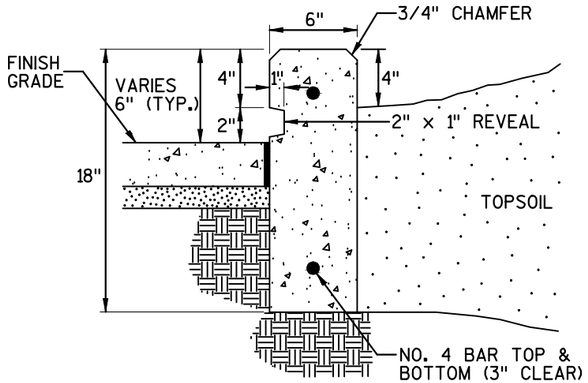
SECTION A-A

DRIVEWAY APPROACHES & TERRACE WALK DETAIL
SCALE: NONE

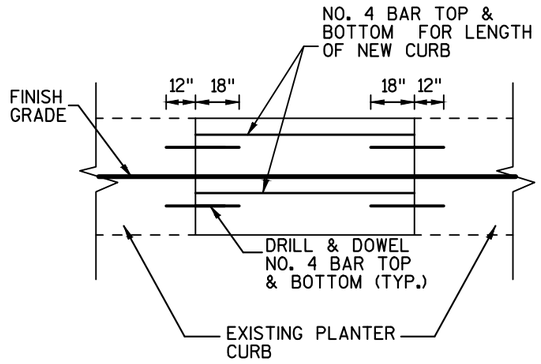
PROJECT NO: 5992-01-20	HWY: MAIN STREET	COUNTY: ROCK	CONSTRUCTION DETAILS	SHEET 10	E



PLAN VIEW

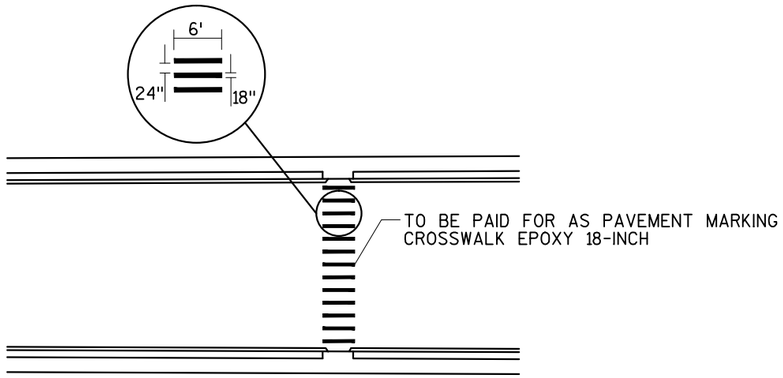


SECTION A-A



SECTION B-B

PLANTER CURB SPECIAL DETAIL
SCALE: NONE

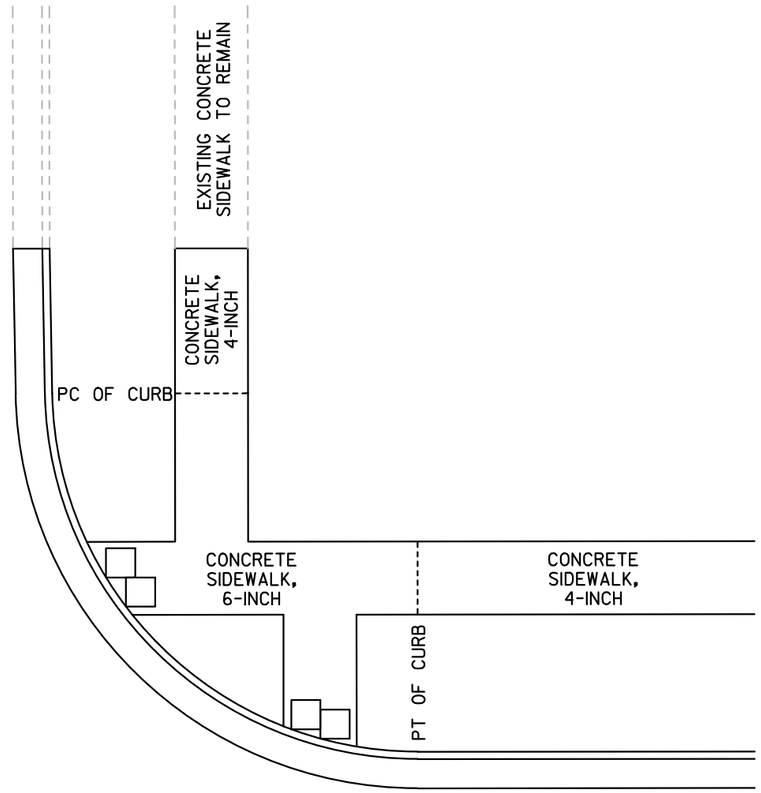


CROSSWALKS HAVE 18-INCH WIDE, 6-FOOT LONG CROSSBARS PLACED IN LINE WITH THE TRAFFIC FLOW.

THE SPACING OR GAP BETWEEN THE CROSSBARS IS 24-INCHES.

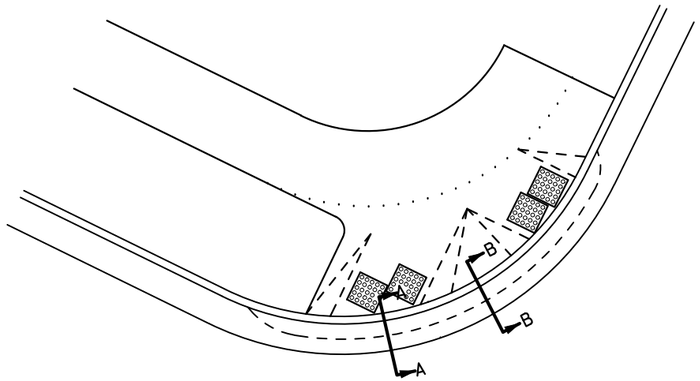
THE CROSSBARS SHOULD BE PLACED IN A MANNER THAT MINIMIZES CONTACT WITH VEHICLES TIRES.

CROSSWALK PAVEMENT MARKING DETAIL
SCALE: NONE

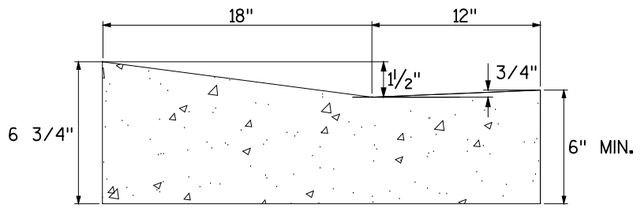


CONCRETE SIDEWALK, 6-INCH PAY LIMITS DETAIL
SCALE: NONE

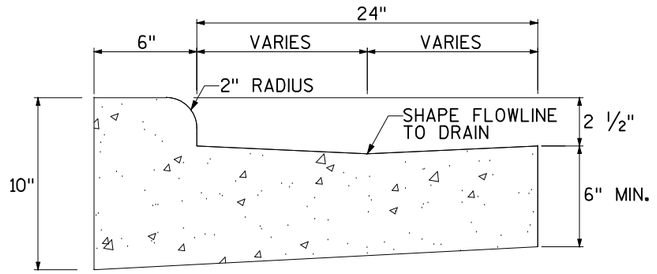
FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\CONSTRUCTION DETAILS_04.DWG
LAYOUT NAME - CONSTRUCTION DETAILS_04 - PLAN 1 IN 10 FT
PLOT DATE : 12/17/2014 10:52 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 0.096381
WISDOT/CADDS SHEET 42



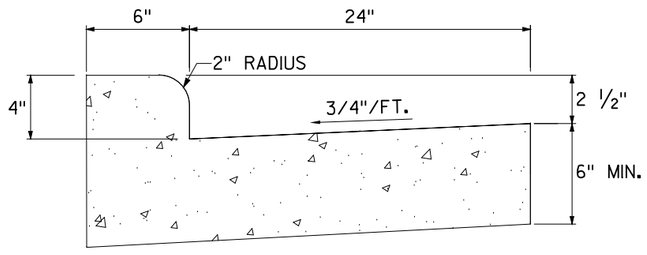
PLAN VIEW



SECTION A-A
MODIFIED FLOWLINE



SECTION B-B
MODIFIED FLOWLINE



4-INCH CURB HEAD

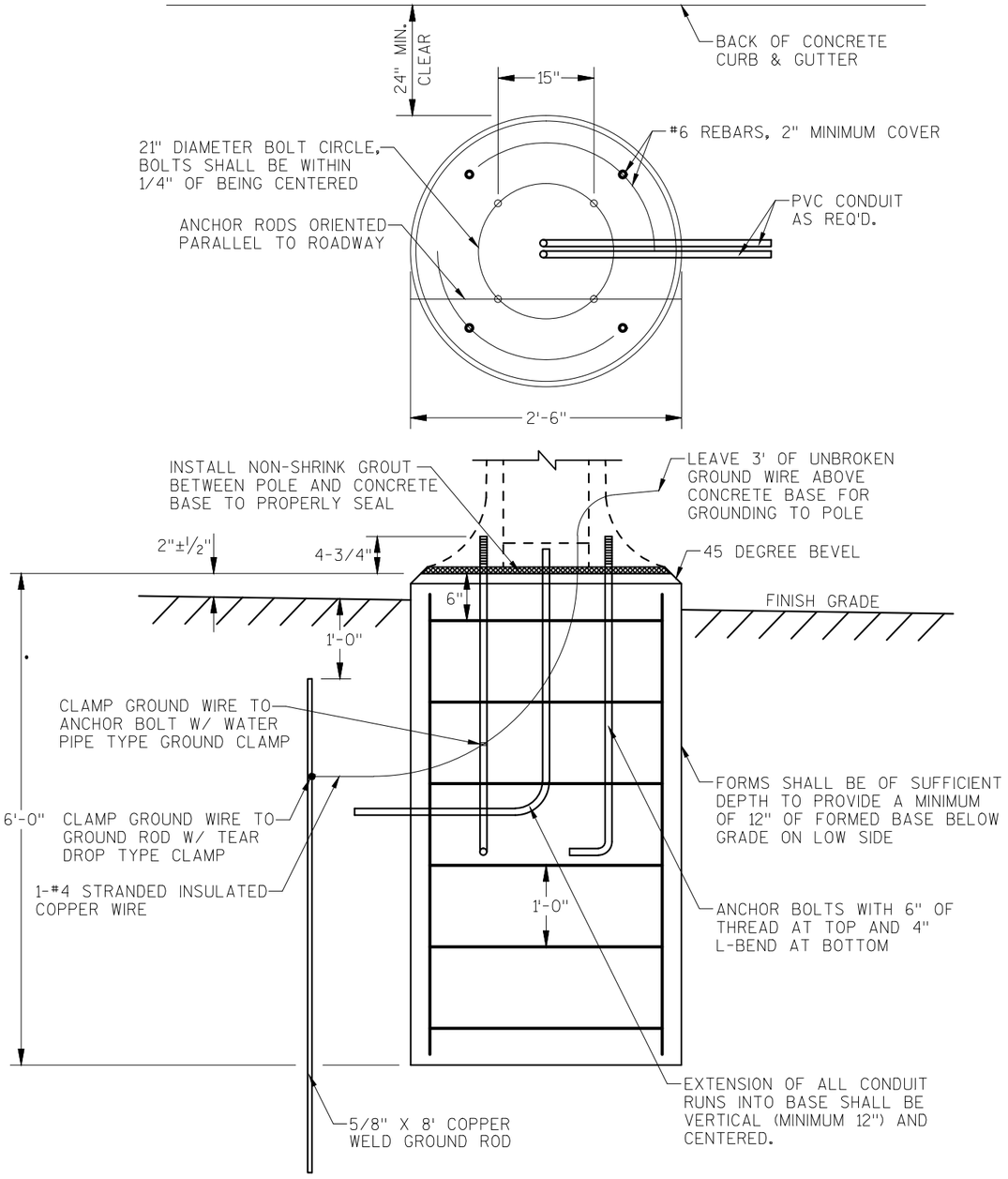
NOTES:

1. 4-INCH CURB HEAD AND MODIFIED FLOWLINE ARE CONSIDERED INCIDENTAL TO CONCRETE CURB & GUTTER BID ITEMS.
2. SEE CURB RAMP DETAILS FOR LOCATIONS.
3. IF NOT SHOWN DIFFERENTLY IN CURB RAMP DETAILS, CONSTRUCT CURB & GUTTER WITH 6-INCH CURB HEAD.

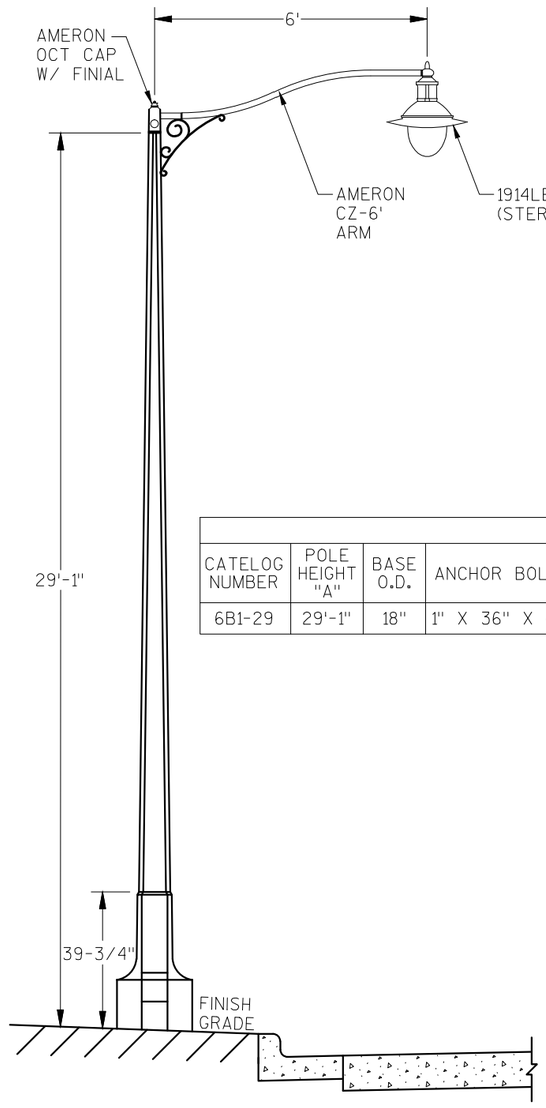
CONCRETE CURB & GUTTER 30-INCH WITH MODIFIED FLOWLINE DETAIL

SCALE: NONE

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CONSTRUCTION DETAILS	SHEET 12	E



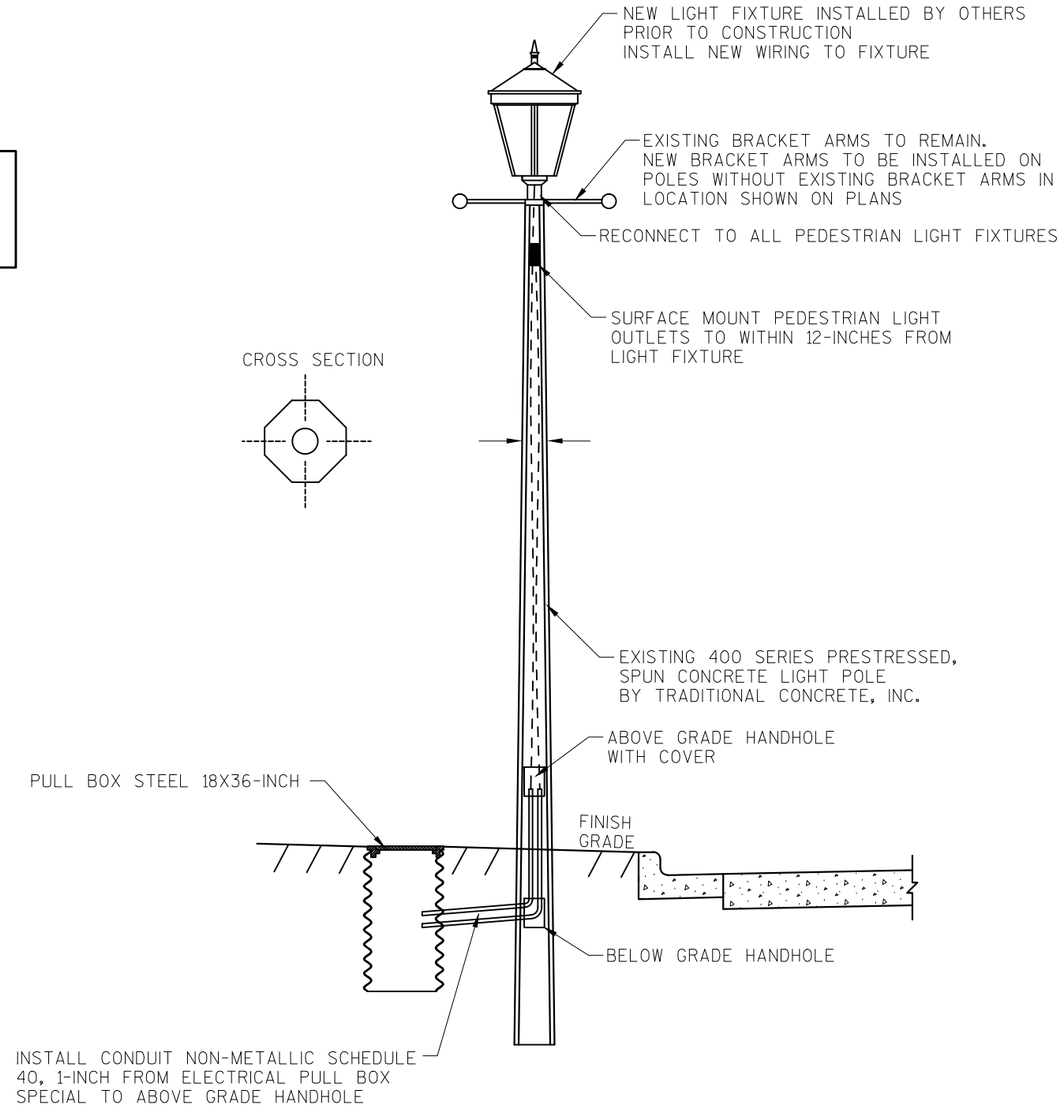
CONCRETE BASE TYPE 3 SPECIAL DETAIL
SCALE: NONE



BASE PLATE STYLE										
CATELOG NUMBER	POLE HEIGHT "A"	BASE O.D.	ANCHOR BOLT	BOLT CIRCLE	BASE PLATE (SQ)	ULTIMATE G.L. MOMENT (FT. LBS.)	WEIGHT (LBS.)	MAXIMUM EPA/MPH (SQ. FT.)		
								80	90	100
6B1-29	29'-1"	18"	1" X 36" X 4"	21"	20"	25,400	1,580	7.5	4.5	2.5

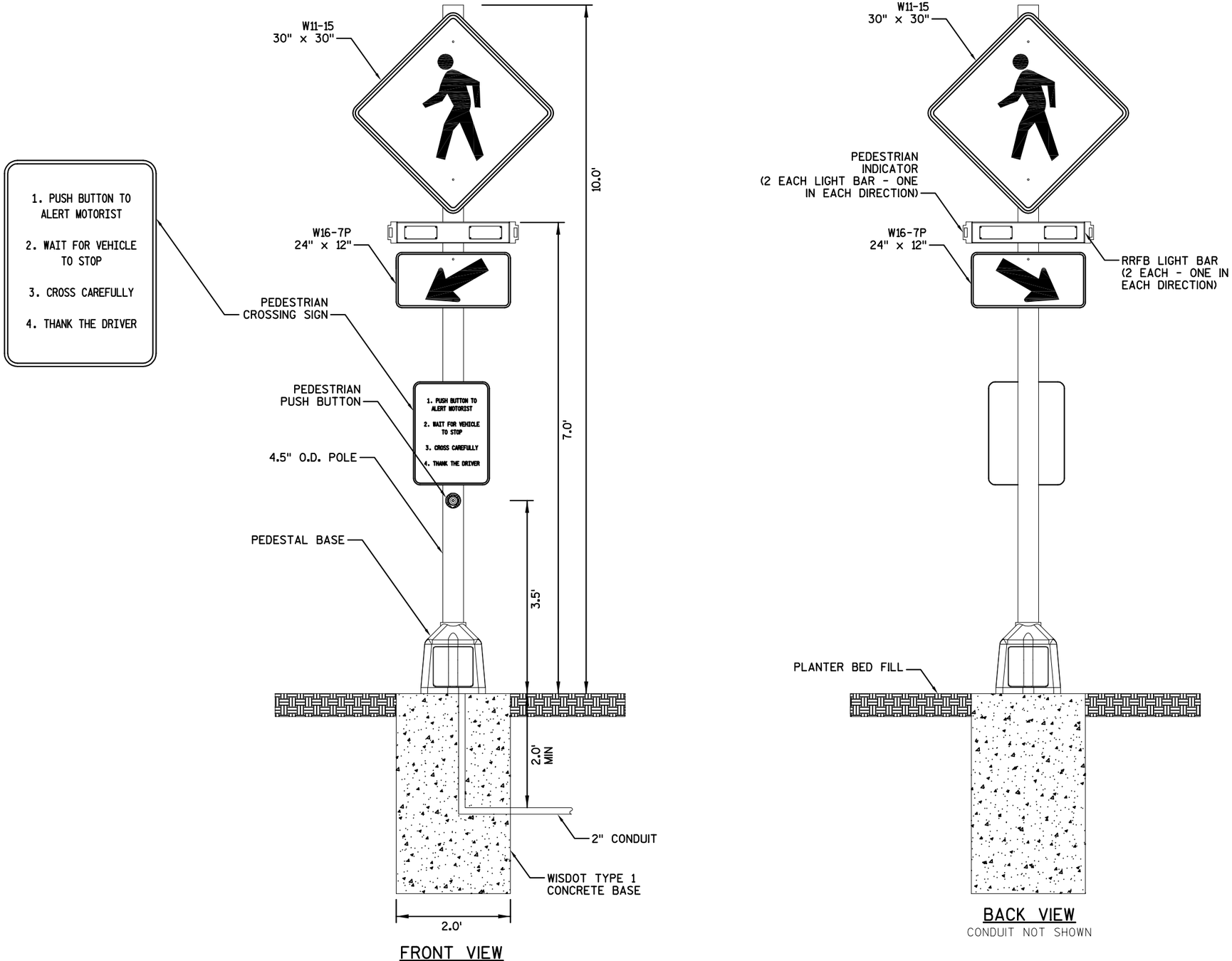
AREA LIGHT DETAIL
SCALE: NONE

NOTE: LABEL VOLTAGE AND CIRCUIT ON EACH WIRE AT ALL ELECTRICAL JUNCTION BOXES.



PEDESTRIAN LIGHT DETAIL
SCALE: NONE

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CONSTRUCTION DETAILS	SHEET 14	E

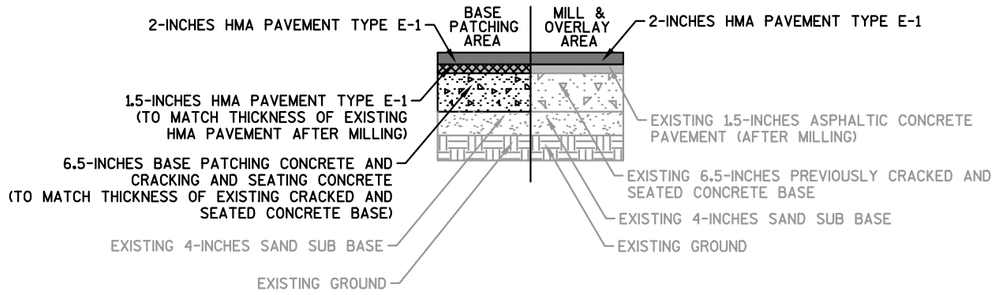


FRONT VIEW

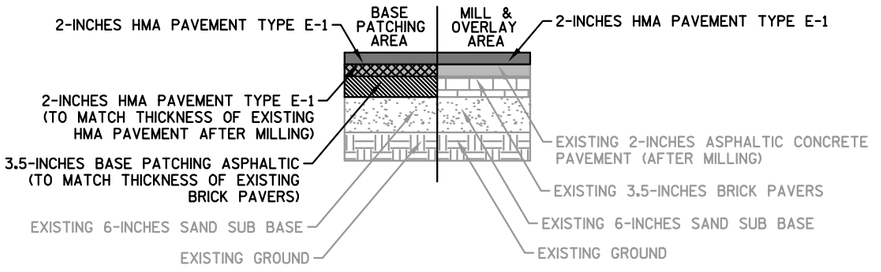
BACK VIEW
CONDUIT NOT SHOWN

RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (RRFB) WITH PEDESTRIAN ACTIVATION
SCALE: NONE

PROJECT NO:5990-01-20	HWY: MAIN STREET	COUNTY:ROCK	CONSTRUCTION DETAIL: RRFB DETAIL	SHEET 15	E



BASE PATCHING CONCRETE AND CRACKING AND SEATING DETAIL
(ST. LAWRENCE AVENUE TO MILWAUKEE STREET)
SCALE: NONE
*STA. 100+50.00 - 109+85.00



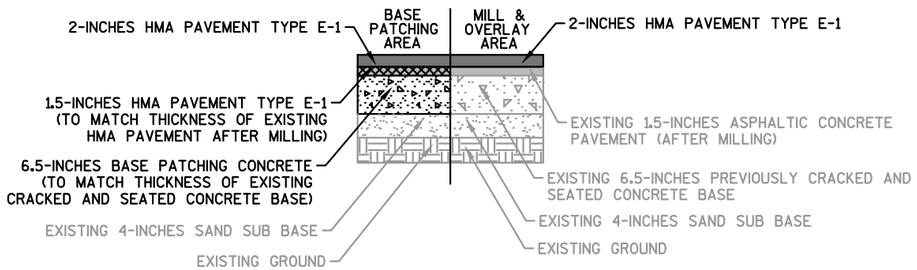
BASE PATCHING ASPHALTIC DETAIL
(MILWAUKEE STREET TO CENTERWAY)
SCALE: NONE
**STA. 109+85.00 - 122+17.00

NOTES:

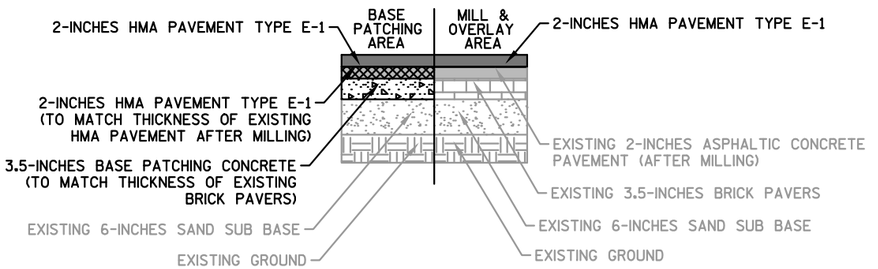
1. BASE PATCHING ASPHALTIC SHALL BE PLACED IN MAXIMUM LIFTS OF 2.5-INCHES.
2. BASE PATCHING CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,500 psi PRIOR TO CRACKING AND SEATING.
3. CONTRACTOR SHALL USE A PAVER THROUGHOUT THE PROJECT TO THE MAXIMUM EXTENT POSSIBLE.
4. SEE PATCHING PLAN FOR PATCHING LOCATIONS.

*CONTRACTOR SHALL FIELD VERIFY LIMITS OF EXISTING 6.5-INCH PREVIOUSLY CRACKED AND SEATED CONCRETE AND ADJUST STATION LIMITS ACCORDINGLY.

**CONTRACTOR SHALL FIELD VERIFY LIMITS OF EXISTING BRICK PAVERS AND ADJUST STATION LIMITS ACCORDINGLY.

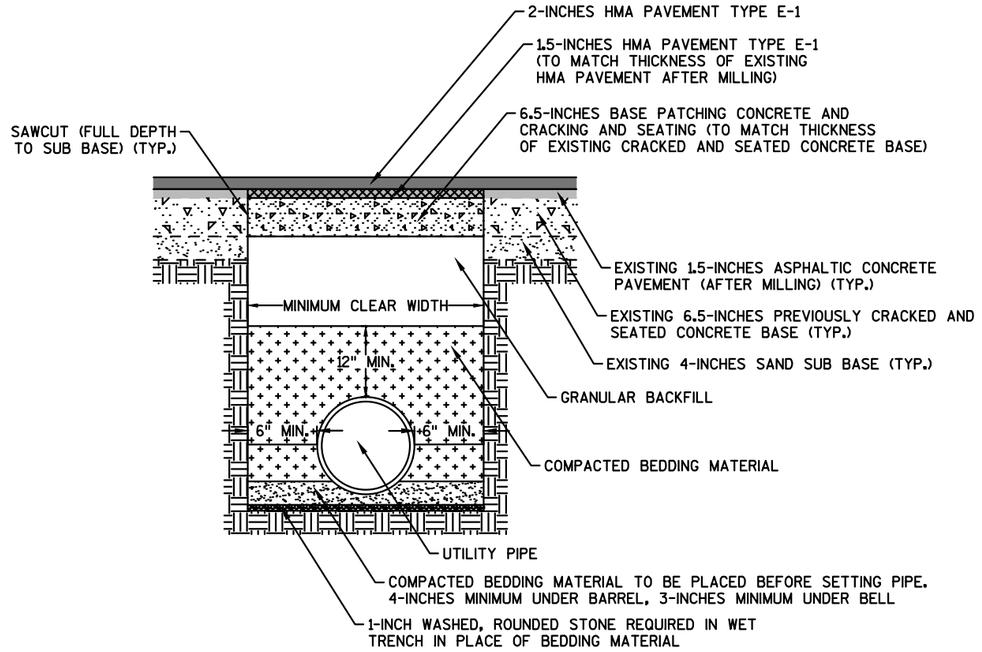


BASE PATCHING CONCRETE DETAIL
(ST. LAWRENCE AVENUE TO MILWAUKEE STREET)
SCALE: NONE
*STA. 100+50.00 - 109+85.00



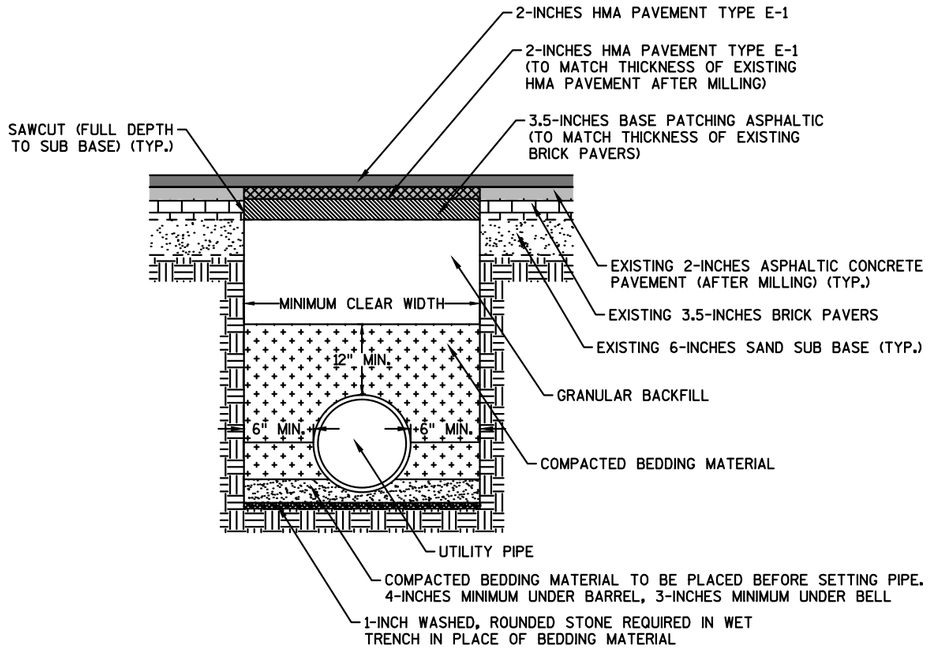
BASE PATCHING CONCRETE DETAIL
(MILWAUKEE STREET TO CENTERWAY)
SCALE: NONE
**STA. 109+85.00 - 122+17.00

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CONSTRUCTION DETAILS	SHEET 16	E



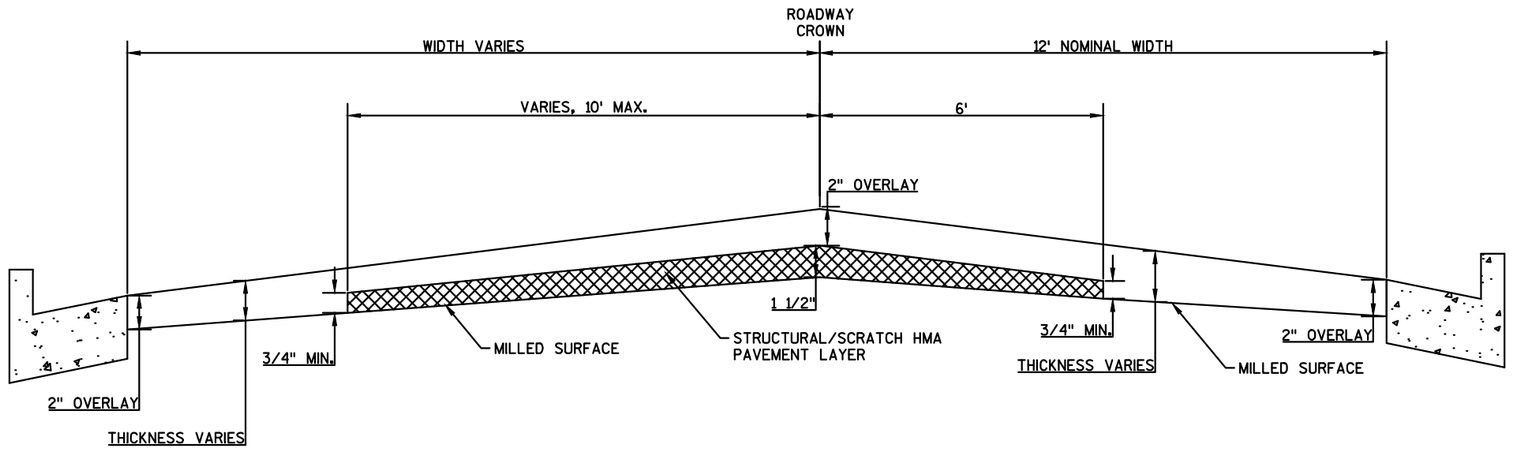
TRENCH PATCH DETAIL
(ST. LAWRENCE AVENUE TO MILWAUKEE STREET)
SCALE: NONE
*STA. 100+50.00 - 109+85.00

*CONTRACTOR SHALL FIELD VERIFY LIMITS OF EXISTING
6.5-INCH PREVIOUSLY CRACKED AND SEATED CONCRETE AND
ADJUST STATION LIMITS ACCORDINGLY.



TRENCH PATCH DETAIL
(MILWAUKEE STREET TO CENTERWAY)
SCALE: NONE
**STA. 109+85.00 - 122+17.00

**CONTRACTOR SHALL FIELD VERIFY LIMITS OF EXISTING
BRICK PAVERS AND ADJUST STATION LIMITS ACCORDINGLY.



STRUCTURAL/SCRATCH LAYER DETAIL
SCALE: NONE

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CONSTRUCTION DETAILS	SHEET 18	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\STRUCTURAL SCRATCH LAYER DETAIL.DWG PLOT DATE : 12/17/2014 10:53 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : NO

WISDOT/CADDS SHEET 42

2

100 S. MAIN ST.

69 S. WATER ST.

N

ST. LAWRENCE AVE.

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (33.5' LT.)

MATCH EXISTING CONCRETE SIDEWALK, SAWING CONCRETE REQ'D. (42.0' LT.)

CONCRETE SIDEWALK, 4-INCH

32.0' LT.

CONCRETE SIDEWALK, 6-INCH

STA. 100+73.0

5% MAX.

8.3% MAX.

1.5% MAX.

5'

5% MAX.

1.5% MAX.

8.3% MAX.

MATCH EXISTING CONCRETE SIDEWALK, SAWING CONCRETE REQ'D. (STA. 100+63.0)

CONCRETE SIDEWALK, 4-INCH

PLANTER BED

5.0% MAX.

5'

5.0% MAX.

5.0% MAX.

CONCRETE CURB & GUTTER 30-INCH TYPE L

4-INCH CURB HEIGHT

2X2 CURB RAMPS DETECTABLE WARNING FIELD NATURAL PATINA (TYP.)

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (STA. 100+72)

PLANTER CURB SPECIAL

PI: 101+01.42

101+00

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (43.5' LT.)

MATCH EXISTING CONCRETE SIDEWALK, SAWING CONCRETE REQ'D. (34.5' LT.)

STA. 101+32.0

CONCRETE SIDEWALK, 4-INCH

PLANTER CURB SPECIAL

8.3% MAX.

1.5% MAX.

5'

1.5% MAX.

8.3% MAX.

1.5% MAX.

1.5% MAX.

PLANTER BED

5'

8.3% MAX.

8.3% MAX.

CONCRETE SIDEWALK, 6-INCH

4-INCH CURB HEIGHT

CONCRETE CURB & GUTTER 30-INCH TYPE L

CONCRETE SIDEWALK, 4-INCH, COLORED

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (STA. 101+72.5)

MAIN ST.

NW/SW CORNER ST. LAWRENCE AVENUE/MAIN STREET

NOTE: ADJUST GRADES TO ACCOMMODATE FIELD CONDITIONS

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	RAMP AND PLANTER DETAILS	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\DESIGN\EDGELINES\ACAD-PROPOSED-MAINST.DWG PLOT DATE : 12/18/2014 10:28 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 42

2

2

PI: 101+01.42

101+00

N

MAIN ST.

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (STA. 100+71.5)

MODIFIED FLOWLINE

4-INCH CURB HEIGHT

2X2 CURB RAMPS DETECTABLE WARNING FIELD NATURAL PATINA (TYP.)

8.3% MAX.

5'

STA. 100+71.5

MATCH EXISTING CONCRETE SIDEWALK, SAWING CONCRETE REQ'D. (STA. 100+55.0)

CONCRETE SIDEWALK, 4-INCH

CONCRETE SIDEWALK, 6-INCH

4' MIN.

39.5' RT.

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (39.5' RT.)

CONCRETE SIDEWALK, 4-INCH

MATCH EXISTING CONCRETE SIDEWALK, SAWING CONCRETE REQ'D. (47.5' RT.)

101 S. MAIN ST.

ST. LAWRENCE AVE.

CONCRETE SIDEWALK, 4-INCH, COLORED

CONCRETE CURB & GUTTER 30-INCH TYPE L (TYP.)

MODIFIED FLOWLINE

4-INCH CURB HEIGHT

8.3% MAX.

5'

1.5% MAX.

35.5' RT.

STA. 101+35.0

CONCRETE SIDEWALK, 6-INCH

CONCRETE SIDEWALK, 4-INCH

CONCRETE SIDEWALK, 4-INCH

MATCH EXISTING CONCRETE SIDEWALK, SAWING CONCRETE REQ'D. (45.5' RT.)

51 S. MAIN ST.

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (55.0' RT.)

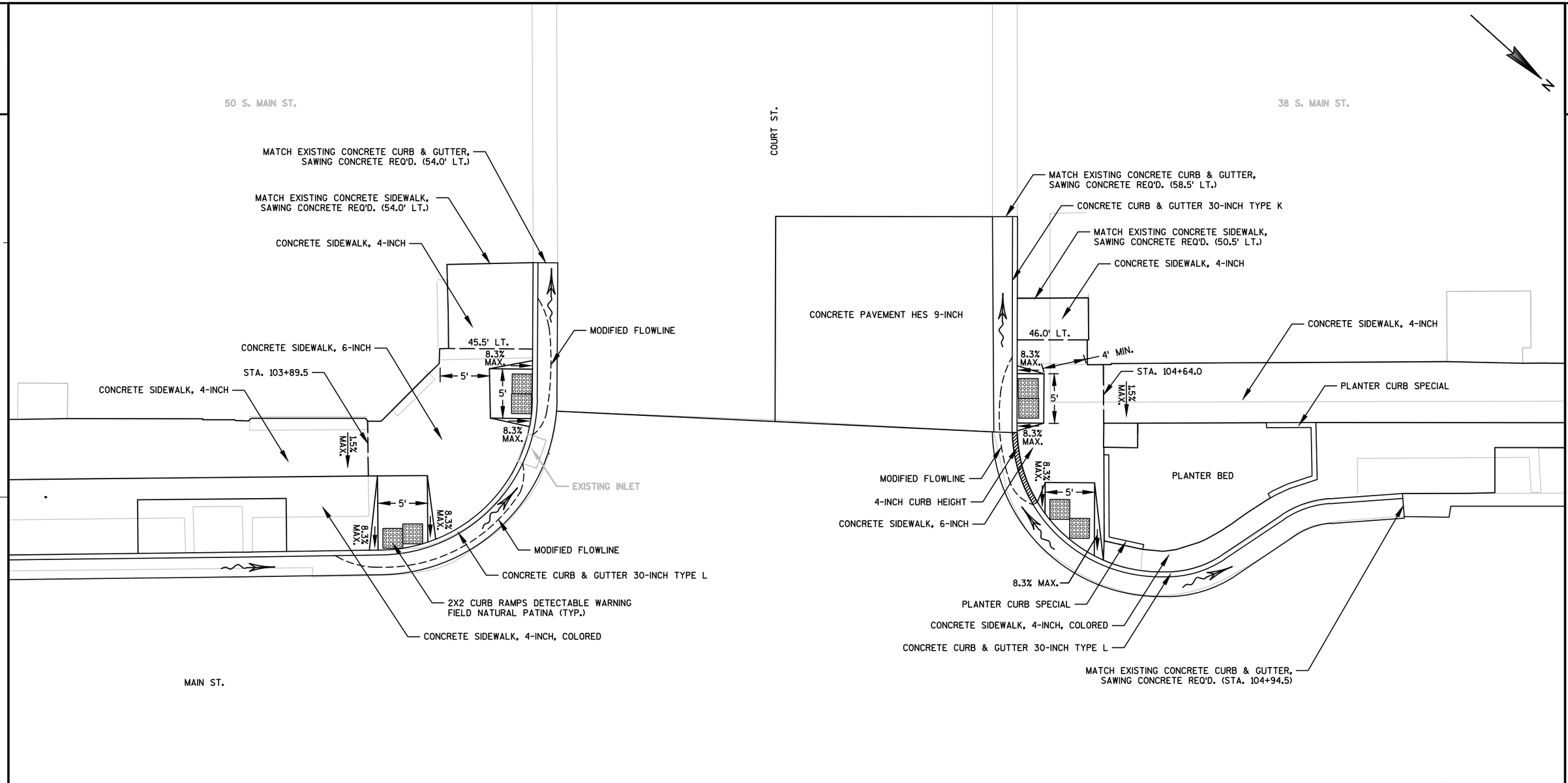
NE/SE CORNER ST. LAWRENCE AVENUE/MAIN STREET

NOTE: ADJUST GRADES TO ACCOMMODATE FIELD CONDITIONS

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	RAMP AND PLANTER DETAILS	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\DESIGN\EDGELINES\ACAD-PROPOSED-MAINST.DWG PLOT DATE : 12/18/2014 10:28 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 10'_XREF

2



NW/SW CORNER COURT STREET/MAIN STREET

NOTE: ADJUST GRADES TO ACCOMMODATE FIELD CONDITIONS

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	RAMP AND PLANTER DETAILS	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\DESIGN\EDGELINES\ACAD-PROPOSED-MAINST.DWG PLOT DATE : 12/18/2014 10:28 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 42

2

2

104+00

105+00

MAIN ST.

CONCRETE CURB & GUTTER 30-INCH TYPE L

CONCRETE SIDEWALK, 6-INCH

CONCRETE SIDEWALK, 4-INCH, COLORED

2X2 CURB RAMPS DETECTABLE WARNING FIELD NATURAL PATINA (TYP.)

MODIFIED FLOWLINE

4-INCH CURB HEIGHT

STA. 103+78.0

8.3% MAX.

CONCRETE SIDEWALK, 4-INCH

8.3% MAX.

5'

1.5% MAX.

5'

1.5% MAX.

36.5' RT.

8.3% MAX.

CONCRETE SIDEWALK, 4-INCH

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (45.0' RT.)

MATCH EXISTING CONCRETE SIDEWALK, SAWING CONCRETE REQ'D. (51.5' RT.)

MATCH EXISTING CONCRETE SIDEWALK, SAWING CONCRETE REQ'D. (56.5' RT.)

51 S. MAIN ST.

COURT ST.

CONCRETE CURB & GUTTER 18-INCH TYPE D

CONCRETE SIDEWALK, 4-INCH, COLORED

PLANTER CURB SPECIAL

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (STA. 105+5.5)

CONCRETE CURB & GUTTER 30-INCH TYPE L

4-INCH CURB HEIGHT

8.3% MAX.

8.3% MAX.

5'

8.3% MAX.

PLANTER BED

1.5% MAX.

5'

5' TAPER FROM 18" TO 30" CURB & GUTTER

1.5% MAX.

1.5% MAX.

8.3% MAX.

40.0' RT.

STA. 104+66.0

CONCRETE SIDEWALK, 6-INCH

CONCRETE SIDEWALK, 4-INCH

PLANTER CURB SPECIAL

CONCRETE SIDEWALK, 4-INCH

MATCH EXISTING CONCRETE SIDEWALK, SAWING CONCRETE REQ'D. (45.0' RT.)

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (42.5' RT.)

37 S. MAIN ST.

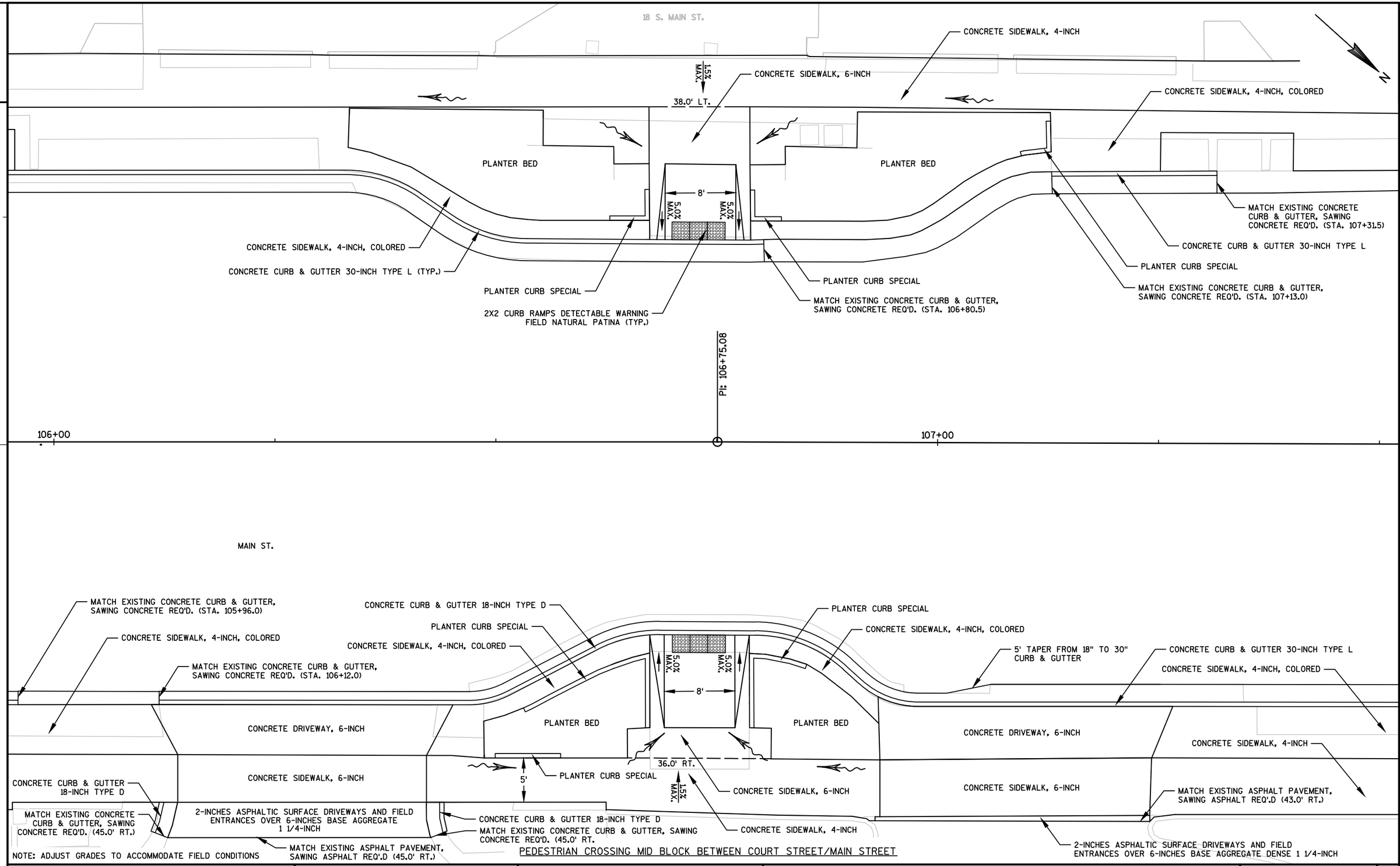
NE/SE CORNER COURT STREET/MAIN STREET

NOTE: ADJUST GRADES TO ACCOMMODATE FIELD CONDITIONS

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	RAMP AND PLANTER DETAILS	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\DESIGN\EDGELINES\ACAD-PROPOSED-MAINST.DWG PLOT DATE : 12/18/2014 10:28 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 10'_XREF

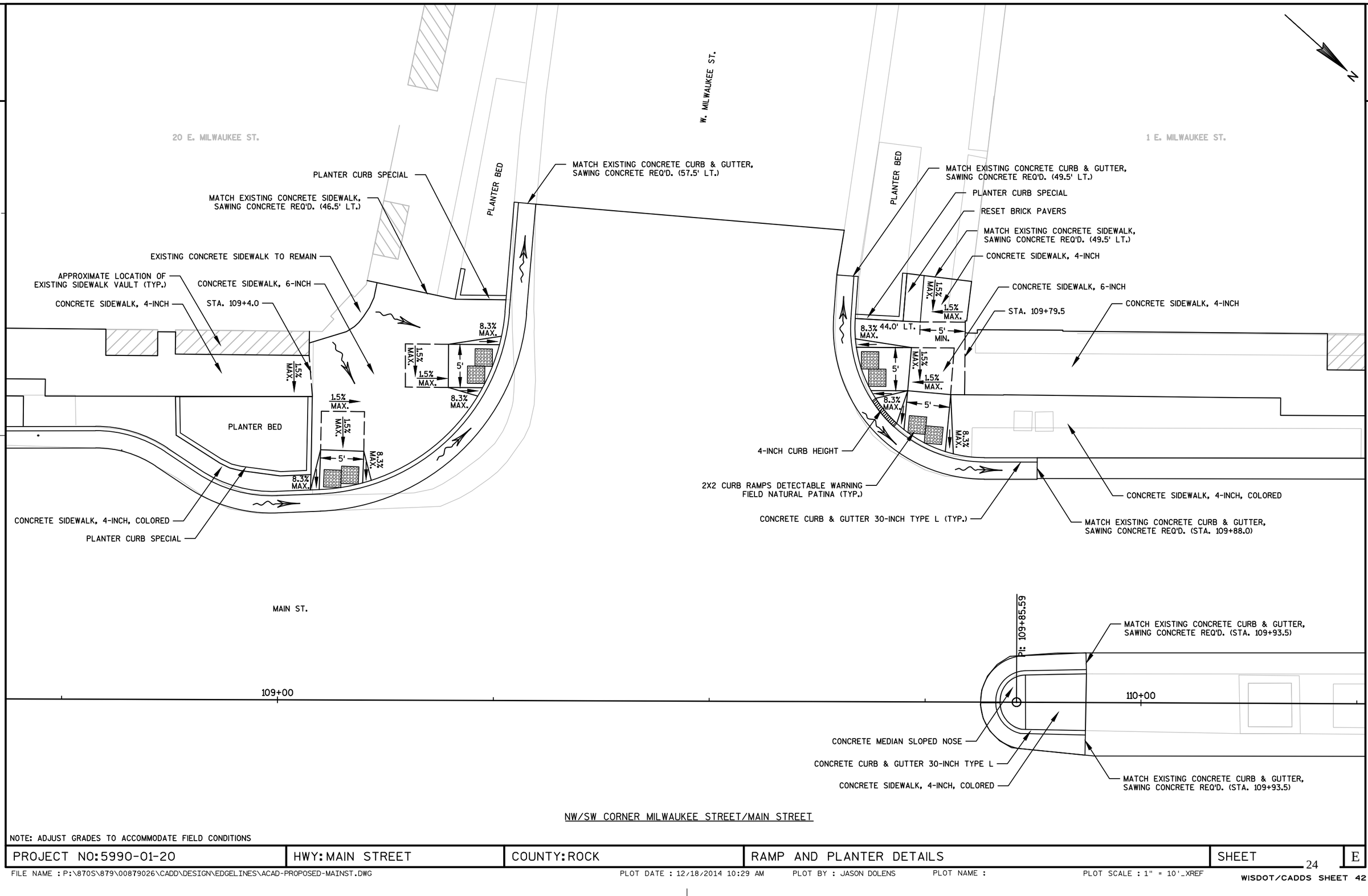
WISDOT/CADDS SHEET 42



PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	RAMP AND PLANTER DETAILS	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\DESIGN\EDGELINES\ACAD-PROPOSED-MAINST.DWG PLOT DATE : 12/18/2014 10:28 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 10'_XREF

2

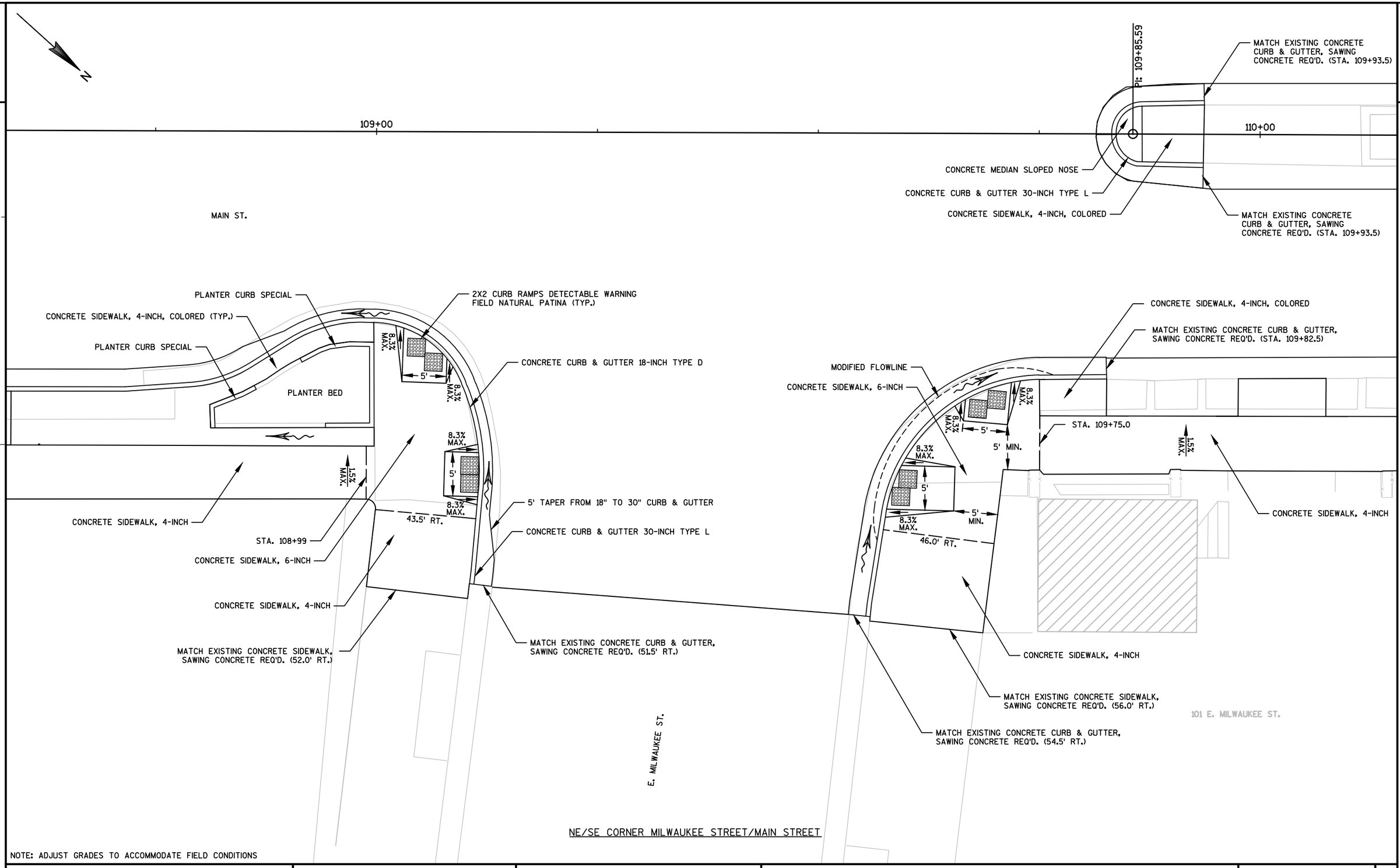


NW/SW CORNER MILWAUKEE STREET/MAIN STREET

NOTE: ADJUST GRADES TO ACCOMMODATE FIELD CONDITIONS

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	RAMP AND PLANTER DETAILS	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\DESIGN\EDGELINES\ACAD-PROPOSED-MAINST.DWG PLOT DATE : 12/18/2014 10:29 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 10'_XREF



NE/SE CORNER MILWAUKEE STREET/MAIN STREET

NOTE: ADJUST GRADES TO ACCOMMODATE FIELD CONDITIONS

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	RAMP AND PLANTER DETAILS	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\DESIGN\EDGELINES\ACAD-PROPOSED-MAINST.DWG PLOT DATE : 12/18/2014 10:29 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 42

2

N

7 N. MAIN ST.

11 N. MAIN ST.

13 N. MAIN ST.

15 N. MAIN ST.

17 N. MAIN ST.

APPROXIMATE LOCATION OF EXISTING SIDEWALK VAULT (TYP.)

1.5% MAX.

1.5% MAX.

1.5% MAX.

CONCRETE SIDEWALK, 4-INCH

CONCRETE SIDEWALK, 4-INCH, COLORED

775.49

774.99

775.03

774.95

774.99

774.95

774.96

774.71

774.49

774.92

774.67

774.13

774.97

774.63

PLANTER BED

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (STA. 110+65.0)

CONCRETE SIDEWALK, 4-INCH, COLORED (TYP.)

PLANTER CURB SPECIAL

CONCRETE CURB & GUTTER 30-INCH TYPE L (TYP.)

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (STA. 111+50.0)

MAIN ST.

PI: 110+48.17

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (STA. 110+68.0)

PI: 110+94.55

111+00

PI: 111+43.62

CONCRETE MEDIAN SLOPED NOSE

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (STA. 110+68.0)

CONCRETE SIDEWALK, 4-INCH, COLORED

11/13 N. MAIN STREET

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	RAMP AND PLANTER DETAILS	SHEET 26	E

2

2

N

111 N. MAIN ST.

117 N. MAIN ST.

119 N. MAIN ST.

APPROXIMATE LOCATION OF EXISTING SIDEWALK VAULT

EXISTING STEP TO REMAIN

CONTRACTOR TAKE CARE WHEN WORKING ADJACENT TO ABANDONED WINDOW SILLS

PROPOSED SIDEWALK ELEVATION TO MATCH BOTTOM OF DOOR (ELIMINATE CONCRETE LIP AT DOORWAY)

EXISTING STEP TO REMAIN

CONTRACTOR TAKE CARE WHEN WORKING ADJACENT TO ABANDONED WINDOW SILLS

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (37.5' LT.)

CONCRETE SIDEWALK, 6-INCH

EXISTING STEP TO REMAIN

1.5% MAX.

CONCRETE SIDEWALK, 4-INCH, COLORED

1.5% MAX.

PROPOSED SIDEWALK ELEVATION TO MATCH BOTTOM OF DOOR (ELIMINATE CONCRETE LIP AT DOORWAY)

1.5% MAX.

CONTRACTOR TAKE CARE WHEN WORKING ADJACENT TO ABANDONED WINDOW SILL

EXISTING STEP TO REMAIN

STA. 115+93.0

1.5% MAX.

5'

772.64

772.77

772.69

772.60

772.85

772.80

772.45

772.50

772.43

772.38

772.75

772.51

772.35

772.27

772.43

772.33

772.17

772.26

ADJUSTING INLET COVER

CONCRETE SIDEWALK, 4-INCH

PLANTER CURB SPECIAL

PLANTER CURB SPECIAL

PLANTER BED

ADJUSTING INLET COVER

PLANTER CURB SPECIAL

CONCRETE CURB & GUTTER 30-INCH TYPE L

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (STA. 115+93.0)

PLANTER CURB SPECIAL

PLANTER CURB SPECIAL

CONCRETE SIDEWALK, 4-INCH, COLORED (TYP.)

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (STA. 114+67.0)

CONCRETE CURB & GUTTER 30-INCH TYPE L

PI: 114+91.78

PI: 115+92.22

115+00

116+00

MAIN ST.

117/119 N. MAIN STREET

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	RAMP AND PLANTER DETAILS	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\DESIGN\EDGELINES\ACAD-PROPOSED-MAINST.DWG PLOT DATE : 12/18/2014 10:29 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 42

2

2

N

119 N. MAIN ST.

205 N. MAIN ST.

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (37.5' LT.)

CONCRETE SIDEWALK, 6-INCH

CONCRETE SIDEWALK, 4-INCH

CONCRETE SIDEWALK, 4-INCH, COLORED

STA. 115+93.0

8.3% MAX.

1.5% MAX.

5'

8.3% MAX.

PLANTER CURB SPECIAL

PLANTER BED

CONCRETE CURB & GUTTER 30-INCH TYPE L (TYP.)

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (STA. 115+93.0)

PLANTER CURB SPECIAL

CONCRETE SIDEWALK, 4-INCH, COLORED (TYP.)

PI: 115+92.22

116+00

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (37.0' LT.)

2X2 CURB RAMPS DETECTABLE WARNING FIELD NATURAL PATINA (TYP.)

CONCRETE SIDEWALK, 6-INCH

STA. 116+32.0

MATCH EXISTING ASPHALT PAVEMENT, SAWING ASPHALT REQ'D. (34.0' LT.)

2-INCHES ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH

CONCRETE SIDEWALK, 4-INCH

CONCRETE CURB & GUTTER 30-INCH TYPE L (TYP.)

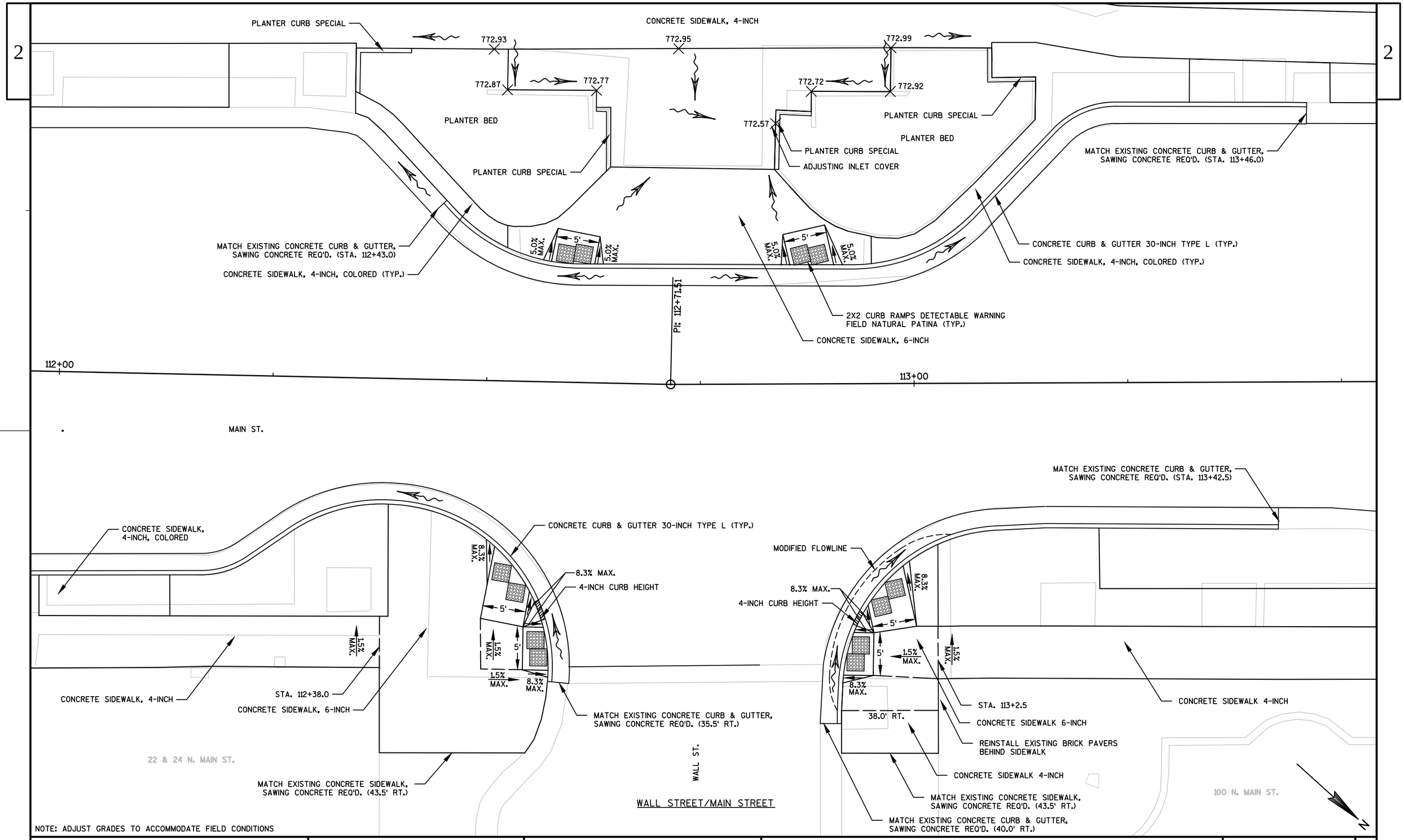
MAIN ST.

119 N. MAIN STREET PARKING LOT/MAIN STREET

NOTE: ADJUST GRADES TO ACCOMMODATE FIELD CONDITIONS

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	RAMP AND PLANTER DETAILS	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\DESIGN\EDGELINES\ACAD-PROPOSED-MAINST.DWG PLOT DATE : 12/18/2014 10:29 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 10'_XREF



NOTE: ADJUST GRADES TO ACCOMMODATE FIELD CONDITIONS

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	RAMP AND PLANTER DETAILS	SHEET	E

205 N. MAIN ST.

MATCH EXISTING ASPHALT PAVEMENT, SAWING ASPHALT REQ'D. (45.0' LT.)

2-INCHES ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRANCES OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH

CONCRETE SIDEWALK, 6-INCH

CONCRETE DRIVEWAY, 6-INCH

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (STA. 117+5.0)

CONCRETE SIDEWALK, 4-INCH

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (STA. 117+62.5)

CONCRETE CURB & GUTTER 30-INCH TYPE L (TYP.)

PI: 116+90.40

PI: 117+90.10

117+00

118+00

MAIN ST.

PLANTER CURB SPECIAL

CONCRETE SIDEWALK, 4-INCH, COLORED (TYP.)

CONCRETE CURB & GUTTER 30-INCH TYPE L (TYP.)

PLANTER BED

PLANTER BED

PLANTER CURB SPECIAL

BUS SHELTER

PLANTER CURB SPECIAL

CONCRETE SIDEWALK, 6-INCH

CONCRETE SIDEWALK, 4-INCH

PLANTER CURB SPECIAL

PLANTER CURB SPECIAL

MATCH SIDEWALK ELEVATION AT EXISTING STEPS

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (STA. 117+96.5)

208 N. MAIN ST.

208 N. MAIN STREET BUS STOP

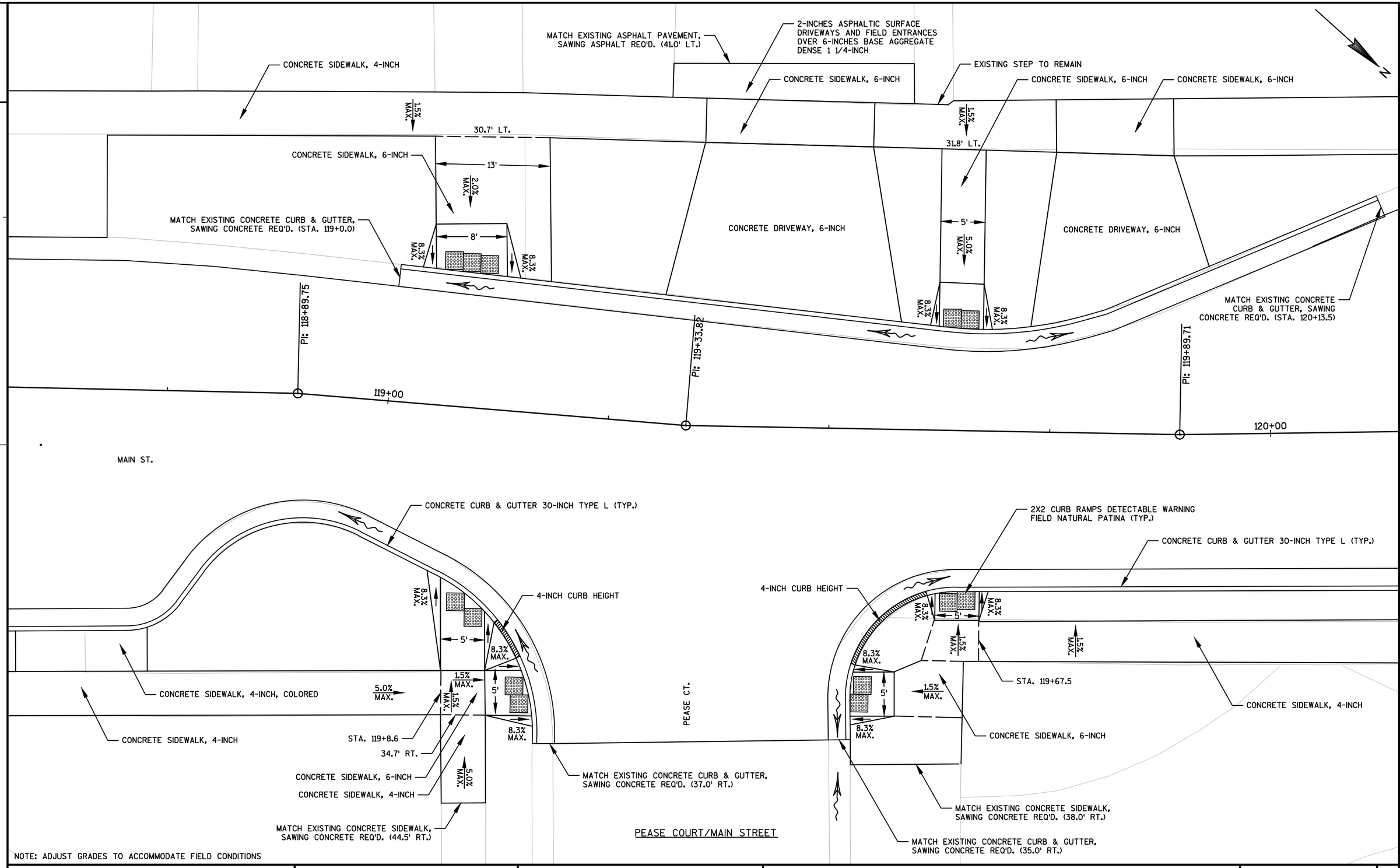
N

NOTE: ADJUST GRADES TO ACCOMMODATE FIELD CONDITIONS

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	RAMP AND PLANTER DETAILS	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\DESIGN\EDGELINES\ACAD-PROPOSED-MAINST.DWG PLOT DATE : 12/18/2014 10:29 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 42



NOTE: ADJUST GRADES TO ACCOMMODATE FIELD CONDITIONS

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	RAMP AND PLANTER DETAILS	SHEET	E

2

301 N. MAIN ST.

EXISTING CONCRETE STOOP TO REMAIN

MATCH INTO EXISTING CONCRETE AT DOORWAY

MATCH EXISTING ASPHALT PAVEMENT, SAWING ASPHALT REQ'D. (53.0' LT.)

2-INCHES ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH

MATCH EXISTING ASPHALT PAVEMENT, SAWING ASPHALT REQ'D. (STA. 121+59.5)

N

2

CONCRETE SIDEWALK, 4-INCH

REMOVE PRECAST PARKING CURB (TYP.)

15% MAX.

5.0% MAX.

15% MAX.

5.0% MAX.

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (STA. 120+81.0)

CONCRETE CURB & GUTTER 30-INCH TYPE L (TYP.)

CONCRETE DRIVEWAY, 6-INCH

MATCH EXISTING CONCRETE CURB & GUTTER, SAWING CONCRETE REQ'D. (STA. 121+59.5)

MATCH EXISTING ASPHALT PAVEMENT, SAWING ASPHALT REQ'D. (39.0' LT.)

MAIN ST.

PI: 120+38.76

PI: 121+37.83

121+00

CONCRETE CURB & GUTTER 30-INCH TYPE L (TYP.)

CONCRETE DRIVEWAY, 6-INCH

MATCH INTO EXISTING CONCRETE AT DOORWAY

CONCRETE DRIVEWAY, 6-INCH

CONCRETE SIDEWALK, 6-INCH

15% MAX.

EXISTING DOORWAY

15% MAX.

CONCRETE SIDEWALK, 6-INCH

CONCRETE DRIVEWAY, 6-INCH OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH

CONCRETE DRIVEWAY, 6-INCH OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH

MATCH INTO EXISTING CONCRETE AT DOORWAY

MATCH EXISTING CONCRETE PAVEMENT, SAWING CONCRETE REQ'D. (36.5' RT)

112 E. CENTERWAY

CONCRETE SIDEWALK, 4-INCH

MATCH EXISTING CONCRETE PAVEMENT, SAWING CONCRETE REQ'D. (38.0' RT.)

CONCRETE SIDEWALK, 4-INCH

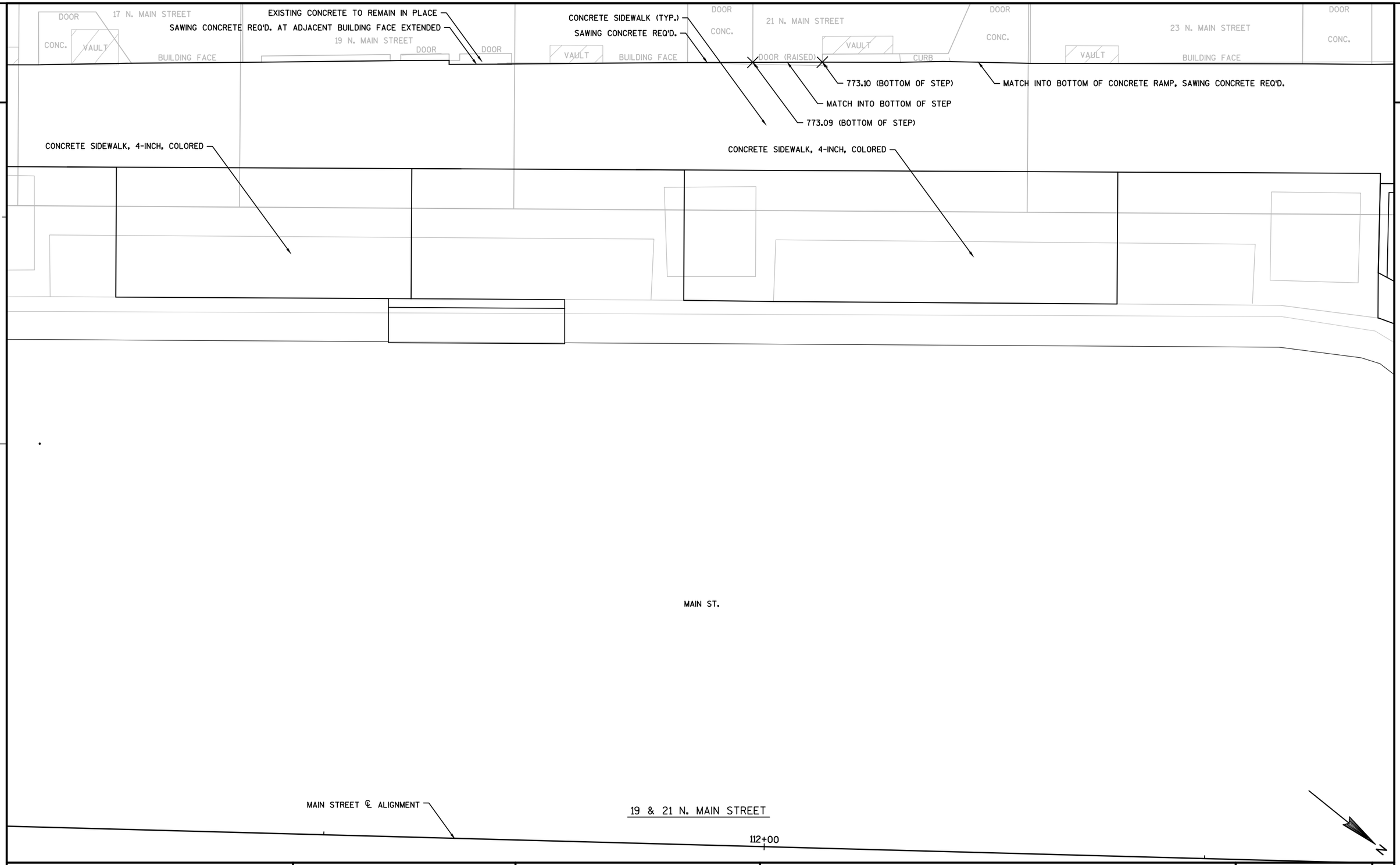
301 N. MAIN STREET AND 112 E. CENTERWAY

NOTE: ADJUST GRADES TO ACCOMMODATE FIELD CONDITIONS

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	DRIVEWAY DETAILS	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\DESIGN\EDGELINES\ACAD-PROPOSED-MAINST.DWG PLOT DATE : 12/18/2014 10:29 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 10'_XREF

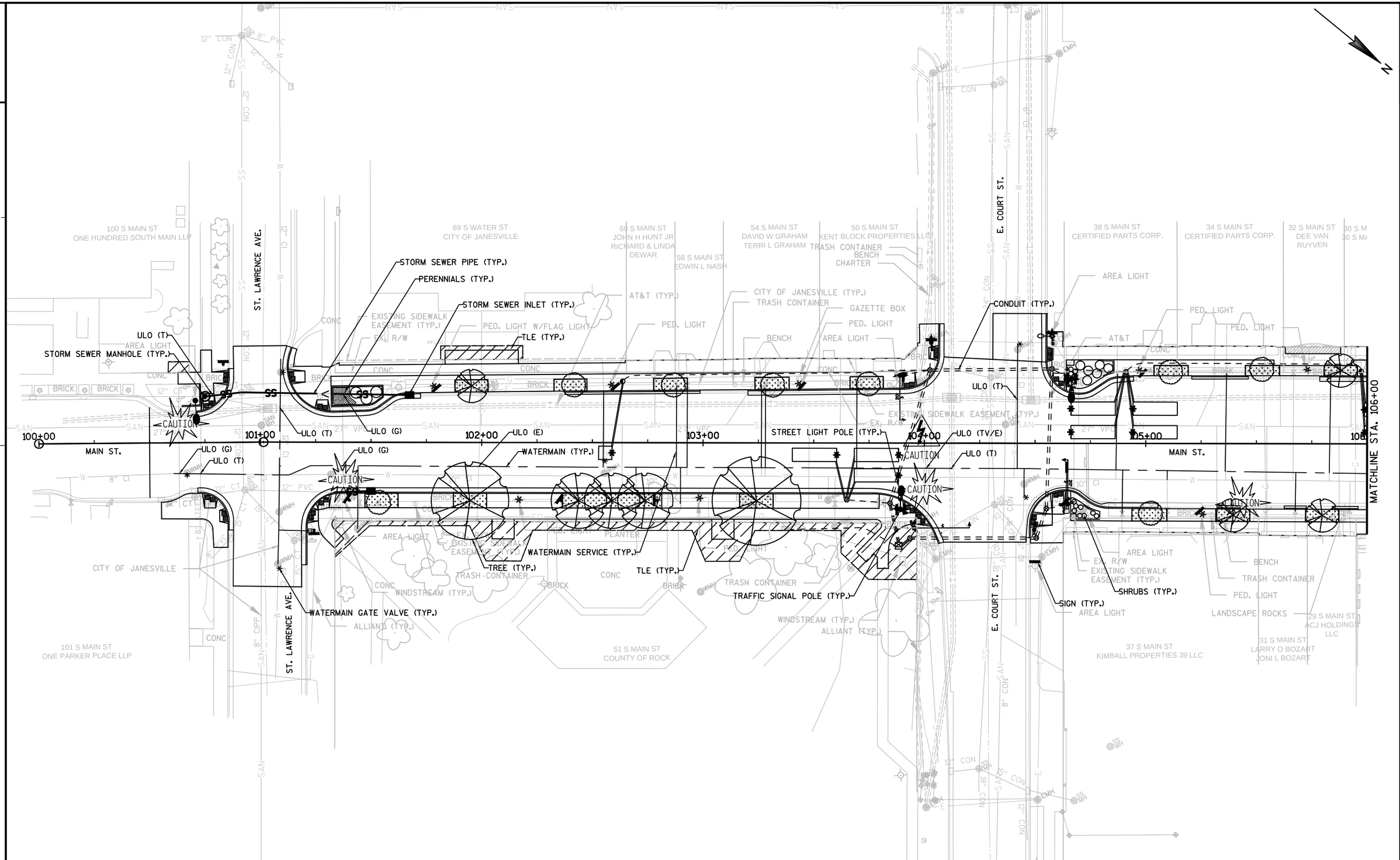
WISDOT/CADDS SHEET 42



PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	STEP DETAILS	SHEET 33	E

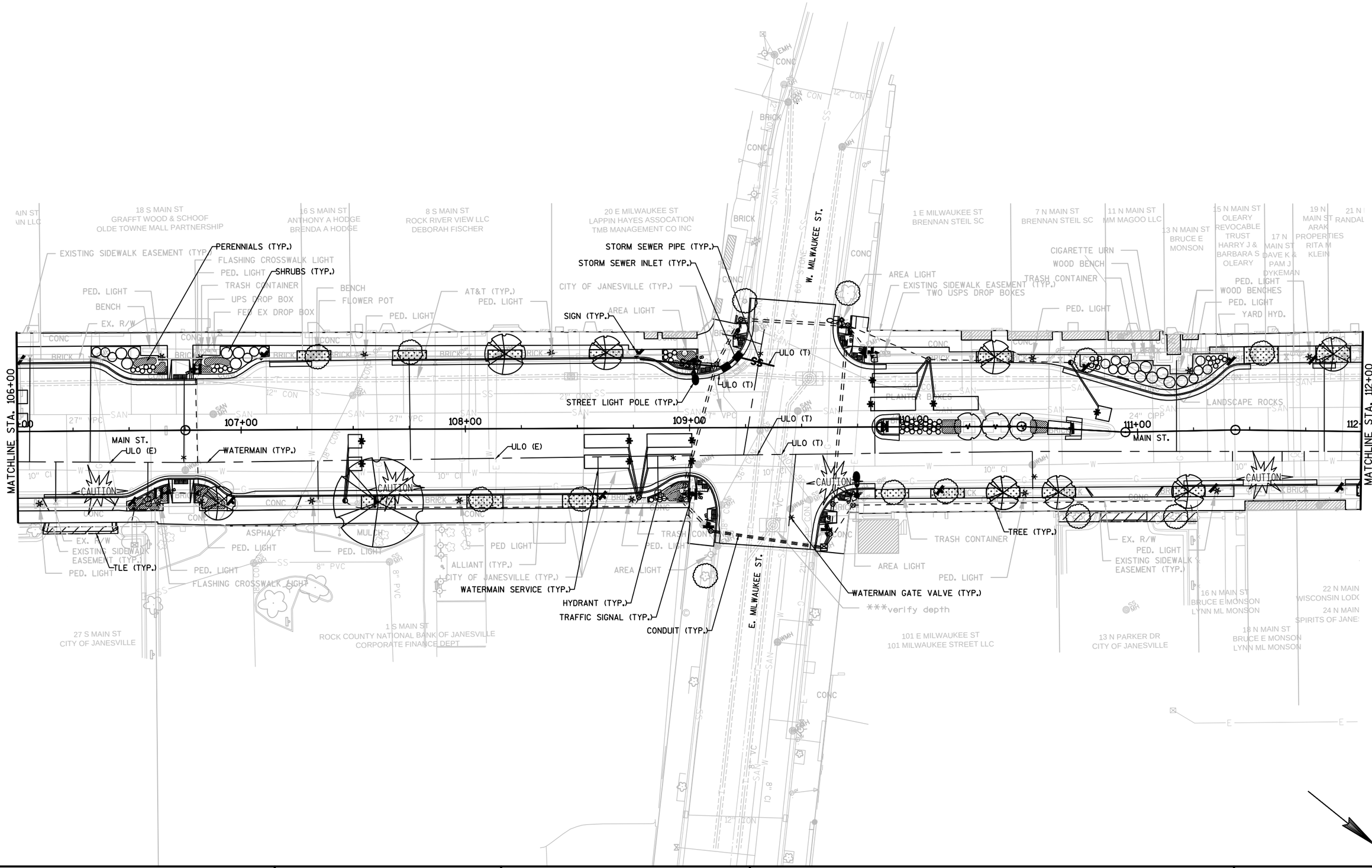
FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\STEP DETAILS.DWG PLOT DATE : 12/18/2014 10:30 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1"= 5'_XREF

2



PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CONSTRUCTION OVERVIEW	SHEET	E

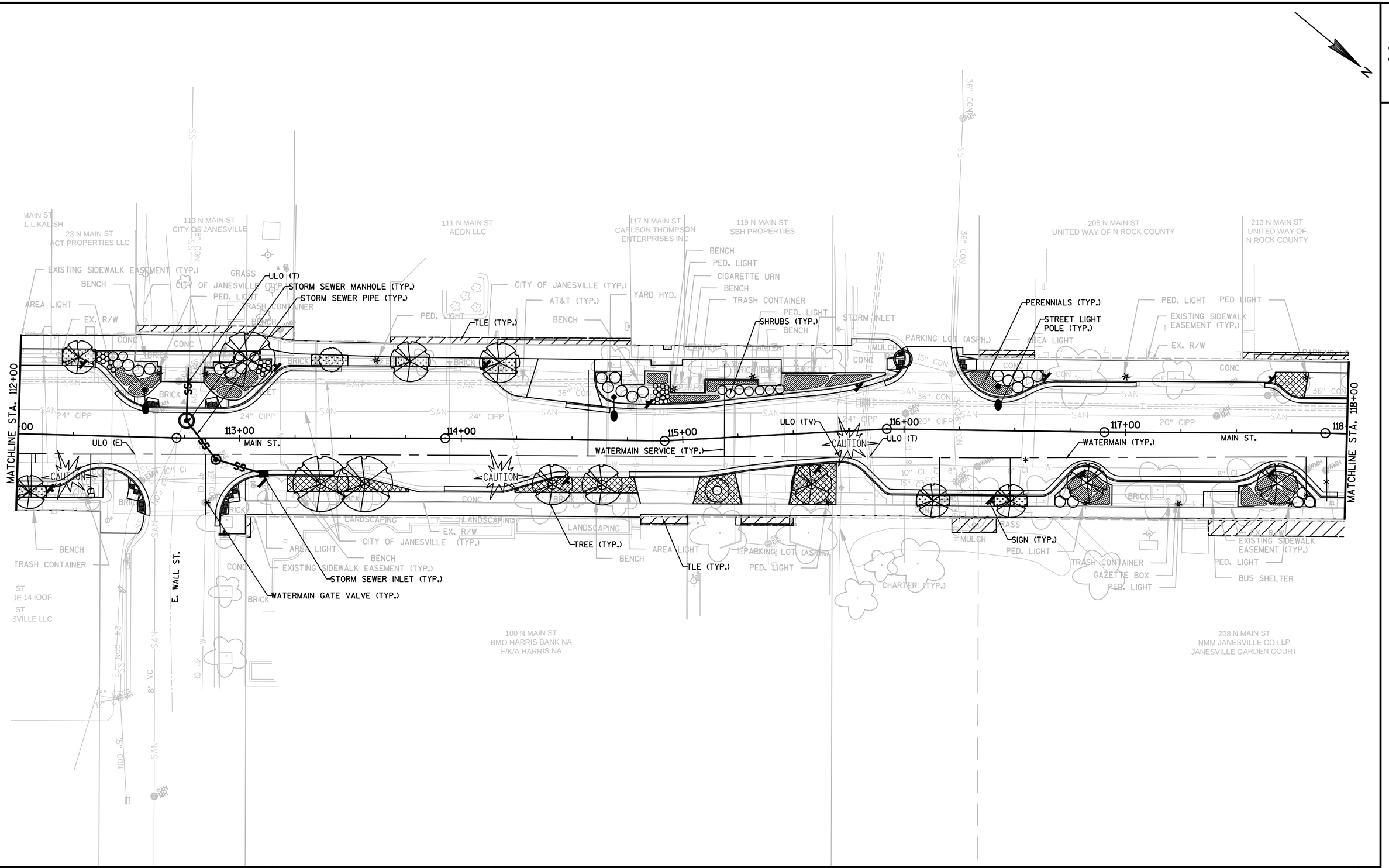
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PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CONSTRUCTION OVERVIEW	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\CONSTRUCTION OVERVIEW.DWG PLOT DATE : 12/18/2014 1:54 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 40'_XREF

2

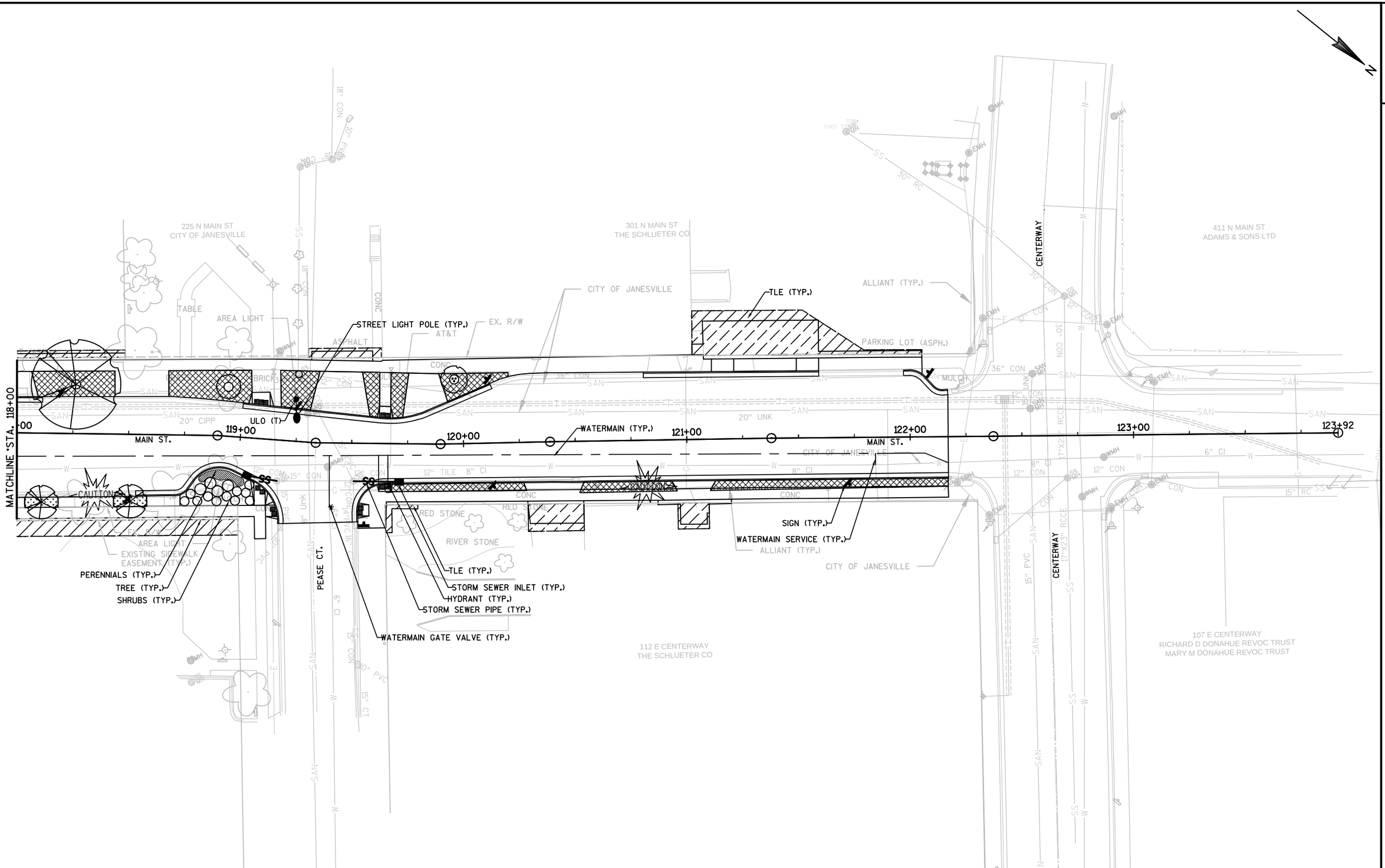


PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CONSTRUCTION OVERVIEW	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\CONSTRUCTION OVERVIEW.DWG PLOT DATE : 12/18/2014 1:55 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

2



PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CONSTRUCTION OVERVIEW	SHEET 37	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\CONSTRUCTION OVERVIEW.DWG PLOT DATE : 12/18/2014 1:55 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 40'_XREF

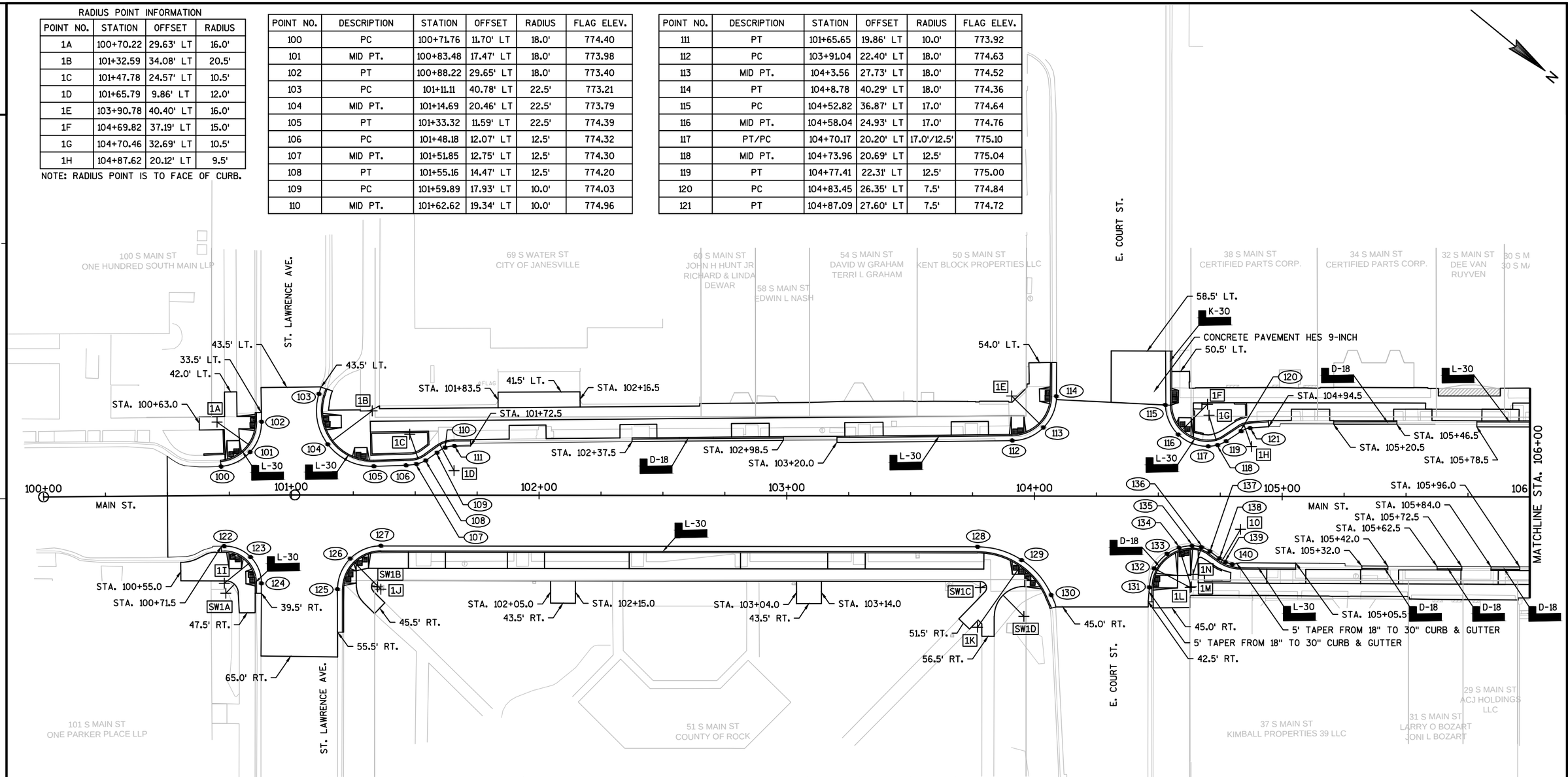
RADIUS POINT INFORMATION

POINT NO.	STATION	OFFSET	RADIUS
1A	100+70.22	29.63' LT	16.0'
1B	101+32.59	34.08' LT	20.5'
1C	101+47.78	24.57' LT	10.5'
1D	101+65.79	9.86' LT	12.0'
1E	103+90.78	40.40' LT	16.0'
1F	104+69.82	37.19' LT	15.0'
1G	104+70.46	32.69' LT	10.5'
1H	104+87.62	20.12' LT	9.5'

NOTE: RADIUS POINT IS TO FACE OF CURB.

POINT NO.	DESCRIPTION	STATION	OFFSET	RADIUS	FLAG ELEV.
100	PC	100+71.76	11.70' LT	18.0'	774.40
101	MID PT.	100+83.48	17.47' LT	18.0'	773.98
102	PT	100+88.22	29.65' LT	18.0'	773.40
103	PC	101+11.11	40.78' LT	22.5'	773.21
104	MID PT.	101+14.69	20.46' LT	22.5'	773.79
105	PT	101+33.32	11.59' LT	22.5'	774.39
106	PC	101+48.18	12.07' LT	12.5'	774.32
107	MID PT.	101+51.85	12.75' LT	12.5'	774.30
108	PT	101+55.16	14.47' LT	12.5'	774.20
109	PC	101+59.89	17.93' LT	10.0'	774.03
110	MID PT.	101+62.62	19.34' LT	10.0'	774.96

POINT NO.	DESCRIPTION	STATION	OFFSET	RADIUS	FLAG ELEV.
111	PT	101+65.65	19.86' LT	10.0'	773.92
112	PC	103+91.04	22.40' LT	18.0'	774.63
113	MID PT.	104+3.56	27.73' LT	18.0'	774.52
114	PT	104+8.78	40.29' LT	18.0'	774.36
115	PC	104+52.82	36.87' LT	17.0'	774.64
116	MID PT.	104+58.04	24.93' LT	17.0'	774.76
117	PT/PC	104+70.17	20.20' LT	17.0'/12.5'	775.10
118	MID PT.	104+73.96	20.69' LT	12.5'	775.04
119	PT	104+77.41	22.31' LT	12.5'	775.00
120	PC	104+83.45	26.35' LT	7.5'	774.84
121	PT	104+87.09	27.60' LT	7.5'	774.72



POINT NO.	DESCRIPTION	STATION	OFFSET	RADIUS	FLAG ELEV.
122	PC	100+71.69	20.45' RT	15.0'	774.08
123	MID PT.	100+83.32	24.92' RT	15.0'	774.47
124	PT	100+87.65	35.56' RT	15.0'	775.09
125	PC	101+18.70	38.02' RT	17.5'	775.15
126	MID PT.	101+23.82	25.63' RT	17.5'	774.70
127	PT	101+36.20	20.50' RT	17.5'	774.42
128	PC	103+77.09	20.50' RT	32.5'	775.26
129	MID PT.	103+94.86	25.79' RT	32.5'	775.46
130	PT	104+6.84	39.93' RT	32.5'	775.98
131	PC	104+46.47	36.77' RT	16.5'	775.97

POINT NO.	DESCRIPTION	STATION	OFFSET	RADIUS	FLAG ELEV.
132	MID PT.	104+48.37	29.10' RT	16.5'	775.93
133	PT/PC	104+53.60	23.22' RT	16.5'/16.5'	775.89
134	MID PT.	104+58.40	20.76' RT	16.5'	775.86
135	PT/PC	104+63.74	19.98' RT	16.5'/11.5'	775.83
136	MID PT.	104+67.46	20.49' RT	11.5'	775.82
137	PT	104+70.86	22.19' RT	11.5'	775.78
138	PC	104+74.71	25.01' RT	14.5'	775.75
139	MID PT.	104+77.18	26.46' RT	14.5'	775.72
140	PT	104+79.89	27.40' RT	14.5'	775.69

RADIUS POINT INFORMATION

POINT NO.	STATION	OFFSET	RADIUS
1I	100+72.65	35.45' RT	13.0'
1J	101+36.20	38.00' RT	15.5'
1K	103+77.09	53.00' RT	30.5'
1L	104+62.97	36.80' RT	15.5'
1M	104+63.41	36.48' RT	15.5'
1N	104+64.07	31.48' RT	10.5'
10	104+83.26	13.30' RT	15.5'

NOTE: RADIUS POINT IS TO FACE OF CURB.

RADIUS POINT INFORMATION

POINT NO.	STATION	OFFSET	RADIUS
SW1A	100+73.24	39.47' RT	5.0'
SW1B	101+34.87	37.00' RT	2.5'
SW1C	103+78.18	37.00' RT	2.5'
SW1D	103+95.83	48.52' RT	12.0'

NOTE: ADJUST GRADES AS NECESSARY TO ACCOMMODATE FIELD CONDITIONS AND MAINTAIN PROPER DRAINAGE.

LEGEND

X-XX CONCRETE CURB & GUTTER TYPE X, XX-INCH

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PAVING DETAILS	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\PAVING DETAILS.DWG PLOT DATE : 12/17/2014 11:18 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 42

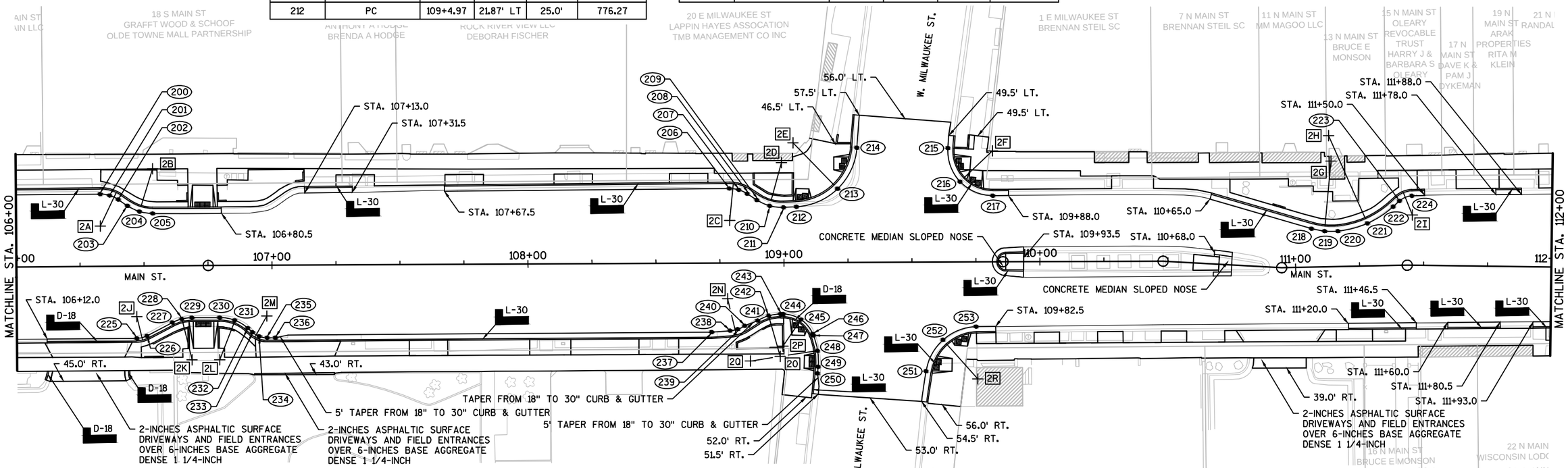
RADIUS POINT INFORMATION

POINT NO.	STATION	OFFSET	RADIUS
2A	106+33.02	15.73' LT	14.5'
2B	106+53.60	37.99' LT	15.5'
2C	108+78.90	16.60' LT	14.5'
2D	108+99.21	39.14' LT	15.5'
2E	109+3.77	46.84' LT	23.0'
2F	109+81.73	43.30' LT	15.5'
2G	111+14.72	41.27' LT	25.5'
2H	111+13.95	51.24' LT	35.5'
2I	111+45.42	19.62' LT	9.5'

NOTE: RADIUS POINT IS TO FACE OF CURB.

POINT NO.	DESCRIPTION	STATION	OFFSET	RADIUS	FLAG ELEV.
200	PC	106+33.02	28.23' LT	12.5'	775.24
201	MID PT.	106+36.73	27.67' LT	12.5'	775.35
202	PT	106+40.10	26.03' LT	12.5'	775.38
203	PC	106+43.68	23.57' LT	17.5'	775.45
204	MID PT.	106+48.34	21.30' LT	17.5'	775.47
205	PT	106+53.47	20.49' LT	17.5'	775.50
206	PC	108+78.84	29.10' LT	12.5'	775.89
207	MID PT.	108+82.47	28.58' LT	12.5'	775.97
208	PT	108+85.80	27.03' LT	12.5'	776.06
209	PC	108+89.55	24.54' LT	17.5'	776.19
210	MID PT.	108+94.53	22.27' LT	17.5'	776.22
211	PT	108+99.97	21.65' LT	17.5'	776.25
212	PC	109+4.97	21.87' LT	25.0'	776.27

POINT NO.	DESCRIPTION	STATION	OFFSET	RADIUS	FLAG ELEV.
213	MID PT.	109+21.11	28.83' LT	25.0'	776.15
214	PT	109+28.69	44.82' LT	25.0'	776.03
215	PC	109+64.27	44.51' LT	17.5'	775.80
216	MID PT.	109+68.94	31.36' LT	17.5'	775.73
217	PT	109+81.75	25.81' LT	17.5'	775.65
218	PC	111+6.52	15.02' LT	27.5'	774.62
219	MID PT.	111+11.63	13.94' LT	27.5'	774.50
220	PT/PC	111+16.85	13.85' LT	27.5'/37.5'	774.37
221	MID PT.	111+28.47	16.67' LT	37.5'	773.94
222	PT	111+38.61	22.99' LT	37.5'	773.51
223	PC	111+41.14	25.20' LT	7.5'	773.37
224	PT	111+45.10	27.11' LT	7.5'	773.23



POINT NO.	DESCRIPTION	STATION	OFFSET	RADIUS	FLAG ELEV.
225	PC	106+46.97	28.26' RT	8.5'	776.15
226	PT	106+50.88	27.31' RT	8.5'	776.18
227	PC	106+60.87	22.16' RT	16.5'	776.22
228	MID PT.	106+64.59	20.78' RT	16.5'	776.23
229	PT	106+68.52	20.33' RT	16.5'	776.25
230	PC	106+79.42	20.37' RT	16.5'	776.16
231	MID PT.	106+85.28	21.46' RT	16.5'	776.08
232	PT	106+90.38	24.56' RT	16.5'	776.00
233	PC	106+92.22	26.21' RT	8.5'	775.82
234	MID PT.	106+94.86	27.82' RT	8.5'	775.80
235	PT	106+97.91	28.37' RT	8.5'	775.78
236	BEND PT.	107+1.13	28.36' RT	-	775.66
237	BEND PT.	108+71.51	26.99' RT	-	776.44
238	PC	108+78.82	26.47' RT	12.5'	776.53
239	MID PT.	108+81.81	25.89' RT	12.5'	776.60

POINT NO.	DESCRIPTION	STATION	OFFSET	RADIUS	FLAG ELEV.
240	PT	108+84.91	24.38' RT	12.5'	776.66
241	PC	108+89.66	22.59' RT	16.5'	776.72
242	MID PT.	108+93.96	20.70' RT	16.5'	776.76
243	PT	108+98.61	20.09' RT	16.5'	776.81
244	PC	108+99.66	20.10' RT	12.5'	776.81
245	MID PT.	109+6.56	22.28' RT	12.5'	776.99
246	PT	109+11.09	27.91' RT	12.5'	777.08
247	PC	109+11.32	28.47' RT	26.5'	777.08
248	MID PT.	109+12.96	34.48' RT	26.5'	777.11
249	PT	109+13.15	40.72' RT	26.5'	777.26
250	BEND PT.	109+12.92	43.31' RT	-	777.31
251	PC	109+55.31	42.66' RT	20.5'	777.76
252	MID PT.	109+62.02	30.43' RT	20.5'	777.40
253	PT	109+74.99	25.32' RT	20.5'	776.91

RADIUS POINT INFORMATION

POINT NO.	STATION	OFFSET	RADIUS
2J	106+46.98	19.76' RT	9.5'
2K	106+68.43	36.83' RT	15.5'
2L	106+79.38	36.87' RT	15.5'
2M	106+97.88	19.87' RT	9.5'
2N	108+77.94	14.00' RT	14.5'
20	108+98.41	36.59' RT	15.5'
2P	108+99.50	32.60' RT	11.5'
2Q	108+86.75	38.40' RT	25.5'
2R	109+75.57	45.81' RT	18.5'

NOTE: RADIUS POINT IS TO FACE OF CURB.

NOTE: ADJUST GRADES AS NECESSARY TO ACCOMMODATE FIELD CONDITIONS AND MAINTAIN PROPER DRAINAGE.

LEGEND

X-XX CONCRETE CURB & GUTTER TYPE X, XX-INCH

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PAVING DETAILS	SHEET 39	E

RADIUS POINT INFORMATION

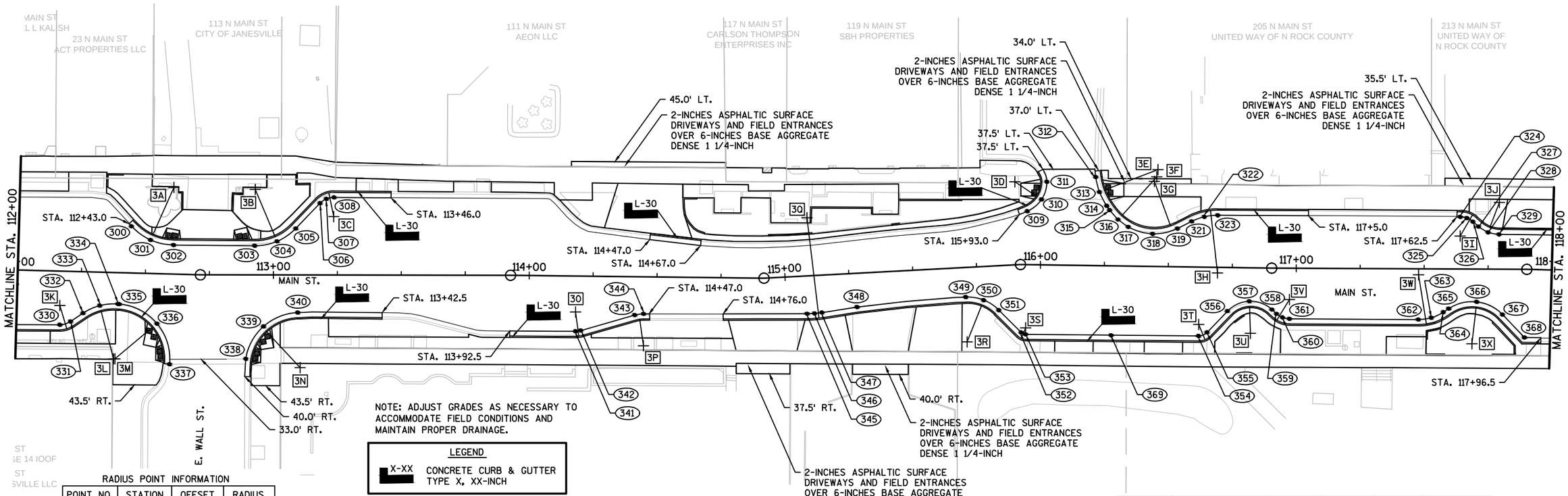
POINT NO.	STATION	OFFSET	RADIUS
3A	112+60.24	33.86' LT	20.5'
3B	112+92.87	33.41' LT	20.0'
3C	113+23.61	22.81' LT	9.5'
3D	115+91.73	32.41' LT	10.5'
3E	116+45.41	37.83' LT	22.5'
3F	116+44.99	35.00' LT	20.5'
3G	116+44.08	33.19' LT	15.5'
3H	116+69.26	2.15' RT	24.5'
3I	117+64.05	12.88' LT	9.5'
3J	117+79.34	26.11' LT	10.5'

NOTE: RADIUS POINT IS TO FACE OF CURB.

POINT NO.	DESCRIPTION	STATION	OFFSET	RADIUS	FLAG ELEV.
300	PC	112+44.03	18.26' LT	22.5'	772.63
301	MID PT.	112+51.62	13.08' LT	22.5'	772.71
302	PT	112+60.64	11.37' LT	22.5'	772.78
303	PC	112+92.71	11.41' LT	22.0'	772.67
304	MID PT.	113+1.41	13.13' LT	22.0'	772.60
305	PT	113+8.72	18.16' LT	22.0'	772.54
306	PC	113+18.20	28.01' LT	7.5'	772.42
307	MID PT.	113+20.69	29.72' LT	7.5'	772.41
308	PT	113+23.65	30.31' LT	7.5'	772.39
309	PC	115+94.57	20.85' LT	12.5'	772.21

POINT NO.	DESCRIPTION	STATION	OFFSET	RADIUS	FLAG ELEV.
310	MID PT.	116+0.07	25.54' LT	12.5'	772.04
311	PT	116+2.06	32.49' LT	12.5'	771.87
312	PC	116+21.12	34.63' LT	24.5'	771.77
313	MID PT.	116+22.65	28.76' LT	24.5'	771.83
314	PT	116+25.58	23.44' LT	24.5'	771.93
315	PC	116+26.78	21.78' LT	22.5'	771.93
316	MID PT.	116+30.09	18.15' LT	22.5'	771.96
317	PT/PC	116+34.10	15.32' LT	22.5'/20.5'	772.08
318	PC	116+43.69	12.72' LT	20.5'	772.16
319	MID PT.	116+53.37	14.95' LT	20.5'	772.23

POINT NO.	DESCRIPTION	STATION	OFFSET	RADIUS	FLAG ELEV.
321	PC	116+58.87	17.81' LT	22.5'	772.20
322	MID PT.	116+63.81	19.68' LT	22.5'	772.18
323	PT	116+69.05	20.35' LT	22.5'	772.16
324	PC	117+64.07	20.38' LT	7.5'	771.93
325	MID PT.	117+66.67	19.91' LT	7.5'	771.95
326	PT	117+68.94	18.57' LT	7.5'	771.97
327	PC	117+71.19	16.63' LT	12.5'	771.99
328	MID PT.	117+74.95	14.41' LT	12.5'	772.02
329	PT	117+79.25	13.61' LT	12.5'	772.05



NOTE: ADJUST GRADES AS NECESSARY TO ACCOMMODATE FIELD CONDITIONS AND MAINTAIN PROPER DRAINAGE.

LEGEND

X-XX CONCRETE CURB & GUTTER TYPE X, XX-INCH

RADIUS POINT INFORMATION

POINT NO.	STATION	OFFSET	RADIUS
3K	112+16.86	13.43' RT	9.5'
3L	112+38.41	33.70' RT	19.5'
3M	112+38.88	33.73' RT	19.5'
3N	113+10.49	36.19' RT	19.5'
3O	114+18.28	14.09' RT	9.5'
3P	114+45.00	26.98' RT	10.5'
3Q	115+9.86	22.67' LT	39.5'
3R	115+69.81	29.05' RT	15.5'
3S	115+94.59	24.72' RT	4.5'
3T	116+62.20	22.38' RT	6.5'
3U	116+82.49	25.56' RT	10.5'
3V	116+97.44	12.25' RT	9.5'
3W	117+47.88	2.31' RT	19.5'
3X	117+68.87	29.18' RT	14.5'

NOTE: RADIUS POINT IS TO FACE OF CURB.

POINT NO.	DESCRIPTION	STATION	OFFSET	RADIUS	FLAG ELEV.
330	PC	112+17.03	20.93' RT	7.5'	773.00
331	PT	112+21.20	19.55' RT	7.5'	773.02
332	PC	112+25.97	16.17' RT	21.5'	773.05
333	MID PT.	112+32.44	13.05' RT	21.5'	773.09
334	PT	112+39.57	12.24' RT	21.5'	773.13
335	PC	112+40.04	12.26' RT	21.5'	773.13
336	MID PT.	112+54.99	19.50' RT	21.5'	773.22
337	PT	112+60.32	35.23' RT	21.5'	773.31
338	PC	112+89.26	32.81' RT	21.5'	773.28
339	MID PT.	112+96.17	20.15' RT	21.5'	773.11
340	PT	113+9.51	14.71' RT	21.5'	772.91
341	PC	114+18.34	21.59' RT	7.5'	773.00
342	PT	114+20.43	21.28' RT	7.5'	772.99

POINT NO.	DESCRIPTION	STATION	OFFSET	RADIUS	FLAG ELEV.
343	PC	114+41.42	15.00' RT	12.5'	772.91
344	PT	114+44.86	14.48' RT	12.5'	772.90
345	PC	115+7.92	14.78' RT	37.5'	772.51
346	MID PT.	115+10.83	14.82' RT	37.5'	772.51
347	PT	115+13.74	14.63' RT	37.5'	772.50
348	BEND PT.	115+27.53	13.20' RT	-	772.67
349	PC	115+70.18	11.55' RT	17.5'	772.77
350	MID PT.	115+77.09	13.14' RT	17.5'	772.70
351	PT	115+82.81	17.33' RT	17.5'	772.61
352	PC	115+91.07	26.50' RT	2.5'	772.54
353	PT	115+94.60	27.22' RT	2.5'	772.53
354	PC	116+62.23	26.88' RT	4.5'	772.33
355	PT	116+65.49	25.45' RT	4.5'	772.35

POINT NO.	DESCRIPTION	STATION	OFFSET	RADIUS	FLAG ELEV.
356	PC	116+73.35	17.03' RT	12.5'	772.39
357	MID PT.	116+81.88	13.08' RT	12.5'	772.43
358	PT	116+90.59	16.19' RT	12.5'	772.47
359	PC	116+92.43	17.83' RT	7.5'	772.48
360	MID PT.	116+94.75	19.25' RT	7.5'	772.49
361	PT	116+97.43	19.75' RT	7.5'	772.50
362	PC	117+47.86	19.82' RT	17.5'	772.68
363	MID PT.	117+52.93	19.07' RT	17.5'	772.70
364	PT	117+57.58	16.88' RT	17.5'	772.72
365	PC	117+59.73	15.45' RT	16.5'	772.73
366	MID PT.	117+70.64	12.78' RT	16.5'	772.78
367	PT	117+80.73	17.71' RT	16.5'	772.84
368	BEND PT.	117+89.32	26.59' RT	-	772.91
369	EXISTING INLET	116+28.57	27.05' RT	-	772.19

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PAVING DETAILS	SHEET 40	E

RADIUS POINT INFORMATION

POINT NO.	STATION	OFFSET	RADIUS
4A	119+66.95	51.49' LT	40.5'
4B	121+99.70	20.03' LT	9.5'
4C	122+14.52	26.08' LT	5.5'

NOTE: RADIUS POINT IS TO FACE OF CURB.

POINT NO.	DESCRIPTION	STATION	OFFSET	RADIUS	FLAG ELEV.
400	PC	119+62.71	9.20' LT	42.5'	772.99
401	MID PT.	119+71.06	9.19' LT	42.5'	773.04
402	PT	119+79.25	10.81' LT	42.5'	772.99
403	PC	121+99.70	27.53' LT	7.5'	-
404	MID PT.	122+2.71	26.90' LT	7.5'	-
405	PT	122+5.22	25.11' LT	7.5'	-
406	PC	122+9.00	21.00' LT	7.5'	-
407	MID PT.	122+11.74	19.12' LT	7.5'	-
408	PT	122+15.02	18.60' LT	7.5'	-

225 N MAIN ST
CITY OF JANESVILLE

301 N MAIN ST
THE SCHLUETER CO

411 N MAIN ST
ADAMS & SONS LTD

CENTERWAY

35.5' LT.
2-INCHES ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH

STA. 118+11.5

41.0' LT.
2-INCHES ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH

53.0' LT.
2-INCHES ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH

STA. 121+59.5
39.0' LT.

STA. 119+0.0
STA. 120+13.5
STA. 120+81.0
STA. 121+59.5
STA. 121+97.0
STA. 122+17.0

L-30

MATCHLINE "STA. 118+00"

118+00
119+00
120+00
121+00
122+00
123+00
123+92

MAIN ST.

STA. 118+53.5

STA. 122+5.5

STA. 122+17.0

44.5' RT.
37.0' RT.
38.0' RT.
35.0' RT.
35.0' RT.

PEASE CT.

CONCRETE DRIVEWAY, 6-INCH OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH
36.5' RT.

CONCRETE DRIVEWAY, 6-INCH OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH
38.0' RT.

112 E CENTERWAY
THE SCHLUETER CO

107 E CENTERWAY
RICHARD D DONAHUE REVOC TRUST
MARY M DONAHUE REVOC TRUST

POINT NO.	DESCRIPTION	STATION	OFFSET	RADIUS	FLAG ELEV.
409	PC	118+70.99	24.71' RT	5.0'	773.06
410	MID PT.	118+74.92	22.62' RT	5.0'	773.01
411	PT	118+77.51	18.99' RT	16.5'	772.97
412	PC	118+86.84	12.59' RT	16.5'	772.80
413	MID PT.	118+98.92	13.17' RT	16.5'	772.70
414	PT	119+7.96	16.87' RT	22.5'	772.67
415	PC	119+17.74	24.61' RT	22.5'	772.80
416	MID PT.	119+21.90	36.37' RT	22.5'	772.91
417	PT	119+50.45	30.62' RT	14.5'	772.60
418	PC	119+54.44	20.22' RT	14.5'	772.35
419	PT	119+64.64	15.72' RT	14.5'	772.10

RADIUS POINT INFORMATION

POINT NO.	STATION	OFFSET	RADIUS
4D	118+70.85	19.71' RT	7.0'
4E	118+92.68	28.44' RT	14.5'
4F	118+99.44	37.69' RT	20.5'
4G	119+64.95	30.22' RT	12.5'

NOTE: RADIUS POINT IS TO FACE OF CURB.

NOTE: ADJUST GRADES AS NECESSARY TO ACCOMMODATE FIELD CONDITIONS AND MAINTAIN PROPER DRAINAGE.

LEGEND

X-XX CONCRETE CURB & GUTTER TYPE X, XX-INCH

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PAVING DETAILS	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\PAVING DETAILS.DWG PLOT DATE : 12/17/2014 11:19 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 42

NOTE: REFER TO BASE PATCHING CONSTRUCTION DETAILS

100 S MAIN ST
ONE HUNDRED SOUTH MAIN LLP

69 S WATER ST
CITY OF JANESVILLE

60 S MAIN ST
JOHN H HUNT JR
RICHARD & LINDA
DEWAR

58 S MAIN ST
EDWIN L NASH

54 S MAIN ST
DAVID W GRAHAM
TERRI L GRAHAM

50 S MAIN ST
KENT BLOCK PROPERTIES LLC

38 S MAIN ST
CERTIFIED PARTS CORP.

34 S MAIN ST
CERTIFIED PARTS CORP.

32 S MAIN ST
DEE VAN
RUYVEN

30 S M
30 S MA

ST. LAWRENCE AVE.

E. COURT ST.

43.5' LT.

18.5' LT.

8'

2' TYP.

14'

STA. 101+0.0

SAWING CONCRETE REQ'D.
FOR ALL PATCHING (TYP.)

STA. 102+83.0

38.0' LT.

32.0' LT.

12'

17'

STA. 102+48.5

STA. 103+90.5

STA. 104+36.0

4' TYP.

STA. 105+16.0

100+00

101+00

102+00

103+00

104+00

105+00

106

MAIN ST.

8.5' RT.

5' RT.

STA. 100+50.0

16'

21'

MAIN ST.

MATCHLINE STA. 106+00

44.5' RT.

65.0' RT.

ST. LAWRENCE AVE.

E. COURT ST.

101 S MAIN ST
ONE PARKER PLACE LLP

51 S MAIN ST
COUNTY OF ROCK

37 S MAIN ST
KIMBALL PROPERTIES 39 LLC

29 S MAIN ST
ACJ HOLDINGS
LLC

31 S MAIN ST
LARRY O BOZART
JONI L BOZART

NOTE: PAY LIMITS FOR ASPHALTIC SURFACE MILLING ARE ALL AREAS OUTSIDE OF THE PATCHING LIMITS.

LEGEND

- BASE PATCHING CONCRETE AND CRACKING AND SEATING (STA. 100+50 TO STA. 109+85)
- BASE PATCHING CONCRETE
- BASE PATCHING ASPHALTIC (STA. 109+85 TO STA. 122+17)

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PATCHING PLAN	SHEET 42	E

2

N

18 S MAIN ST
GRAFFT WOOD & SCHOOF
OLDE TOWNE MALL PARTNERSHIP

16 S MAIN ST
ANTHONY A HODGE
BRENDA A HODGE

8 S MAIN ST
ROCK RIVER VIEW LLC
DEBORAH FISCHER

20 E MILWAUKEE ST
LAPPIN HAYES ASSOCATION
TMB MANAGEMENT CO INC

1 E MILWAUKEE ST
BRENNAN STEIL SC

7 N MAIN ST
BRENNAN STEIL SC

11 N MAIN ST
MM MAGOO LLC

13 N MAIN ST
BRUCE E
MONSON

15 N MAIN ST
OLEARY
REVOCABLE
TRUST
HARRY J &
BARBARA S
OLEARY

17 N
MAIN ST
DAVE K &
PAM J
DYKEMAN

19 N
MAIN ST
ARAK
PROPERTIES
RITA M
KLEIN

21 N
RANDAL

27 S MAIN ST
CITY OF JANESVILLE

1 S MAIN ST
ROCK COUNTY NATIONAL BANK OF JANESVILLE
CORPORATE FINANCE DEPT

101 E MILWAUKEE ST
101 MILWAUKEE STREET LLC

13 N PARKER DR
CITY OF JANESVILLE

16 N MAIN ST
BRUCE E MONSON
LYNN ML MONSON

18 N MAIN ST
BRUCE E MONSON
LYNN ML MONSON

22 N MAIN
WISCONSIN LODG

24 N MAIN
SPIRITS OF JANE

W. MILWAUKEE ST.

E. MILWAUKEE ST.

MATCHLINE STA. 106+00

MATCHLINE STA. 112+00

STA. 106+68.0

MAIN ST. 8' RT.

18'

20'

SAWING CONCRETE REQ'D.
FOR ALL PATCHING (TYP.)

STA. 107+45.0

8'

12' TYP.

2' TYP.

4' TYP.

56.0' LT.

4' (TYP.)

45.0' LT.

53.0' RT.

STA. 109+20.0

STA. 109+2.5

STA. 109+65

STA. 109+85.0

STA. 109+88.0

STA. 110+11.0

8'

12'

STA. 111+70.0

STA. 111+25.0

MAIN ST.

107+00

108+00

109+00

110+00

111+00

112+00

NOTE: PAY LIMITS FOR ASPHALTIC SURFACE MILLING ARE ALL AREAS OUTSIDE OF THE PATCHING LIMITS.

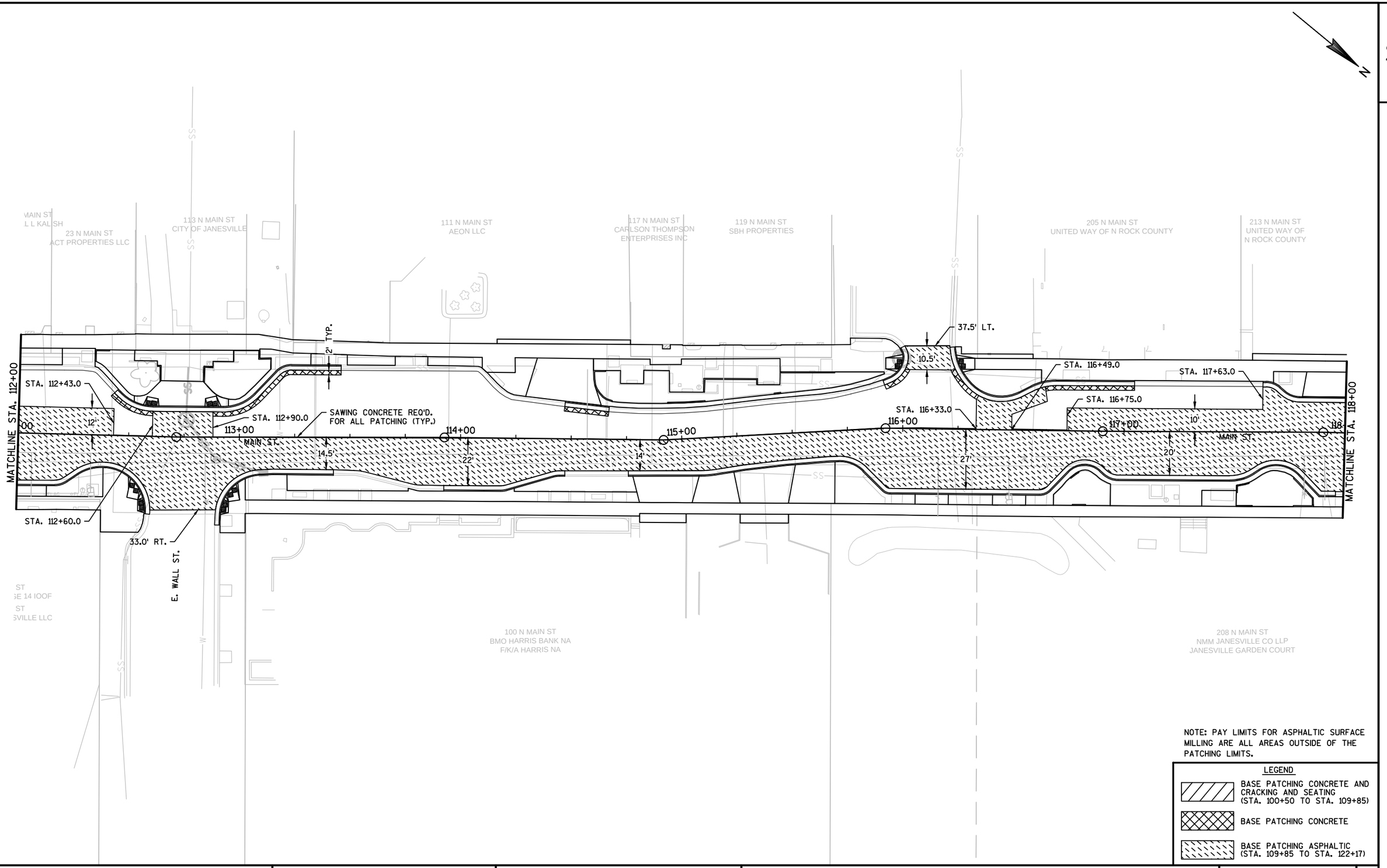
LEGEND

- BASE PATCHING CONCRETE AND CRACKING AND SEATING (STA. 100+50 TO STA. 109+85)
- BASE PATCHING CONCRETE
- BASE PATCHING ASPHALTIC (STA. 109+85 TO STA. 122+17)

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PATCHING PLAN	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\PAVEMENT PATCHING PLAN.DWG PLOT DATE : 12/17/2014 11:22 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 40'_XREF

2



NOTE: PAY LIMITS FOR ASPHALTIC SURFACE MILLING ARE ALL AREAS OUTSIDE OF THE PATCHING LIMITS.

LEGEND

- BASE PATCHING CONCRETE AND CRACKING AND SEATING (STA. 100+50 TO STA. 109+85)
- BASE PATCHING CONCRETE
- BASE PATCHING ASPHALTIC (STA. 109+85 TO STA. 122+17)

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PATCHING PLAN	SHEET 44	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\PAVEMENT PATCHING PLAN.DWG PLOT DATE : 12/17/2014 11:22 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 40'_XREF

2

2

N

225 N MAIN ST
CITY OF JANESVILLE

301 N MAIN ST
THE SCHLUETER CO

411 N MAIN ST
ADAMS & SONS LTD

CENTERWAY

MATCHLINE 'STA. 118+00

118+00

MAIN ST.

119+00

STA. 119+00.0

120+00

121+00

SAWING CONCRETE REQ'D.
FOR ALL PATCHING (TYP.)

2' TYP.

16'

122+00

MAIN ST.

123+00

123+92

STA. 122+17.0

36.0' RT.

PEASE CT.

CENTERWAY

112 E CENTERWAY
THE SCHLUETER CO

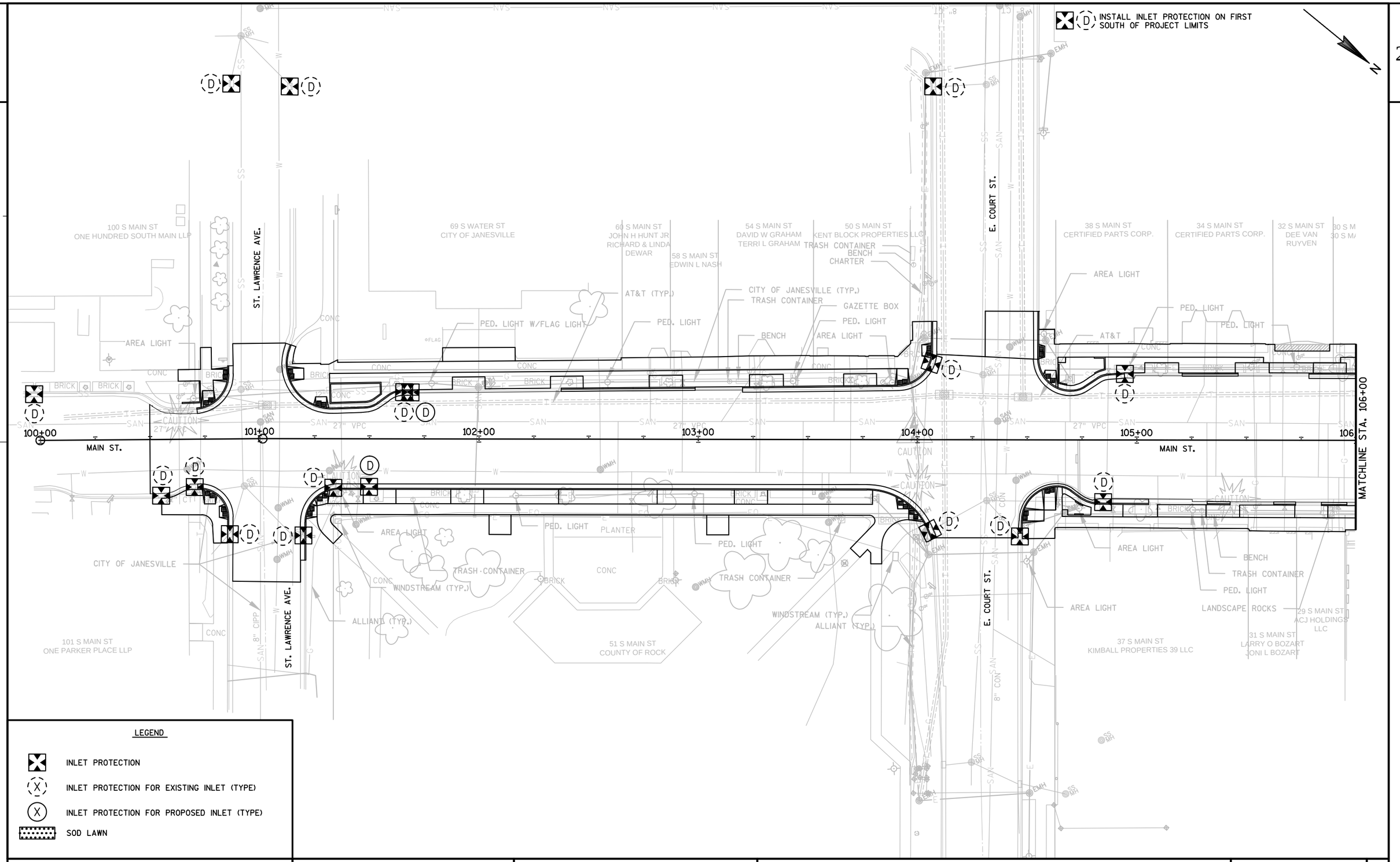
107 E CENTERWAY
RICHARD D DONAHUE REVOC TRUST
MARY M DONAHUE REVOC TRUST

NOTE: PAY LIMITS FOR ASPHALTIC SURFACE MILLING ARE ALL AREAS OUTSIDE OF THE PATCHING LIMITS.

LEGEND

- BASE PATCHING CONCRETE AND CRACKING AND SEATING (STA. 100+50 TO STA. 109+85)
- BASE PATCHING CONCRETE
- BASE PATCHING ASPHALTIC (STA. 109+85 TO STA. 122+17)

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PATCHING PLAN	SHEET 45	E



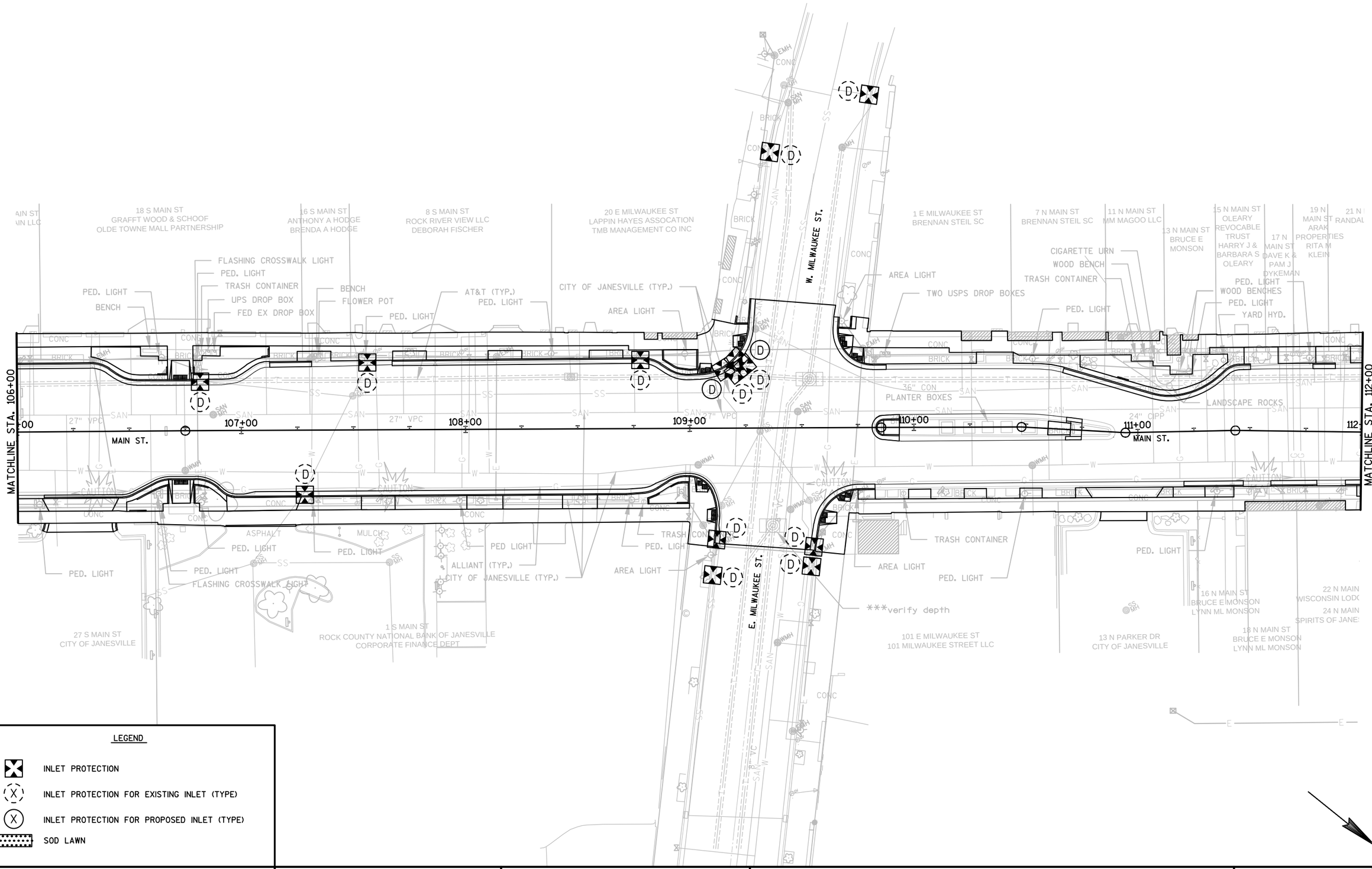
LEGEND

- INLET PROTECTION
- (X) INLET PROTECTION FOR EXISTING INLET (TYPE)
- (X) INLET PROTECTION FOR PROPOSED INLET (TYPE)
- SOD LAWN

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	EROSION CONTROL	SHEET	E

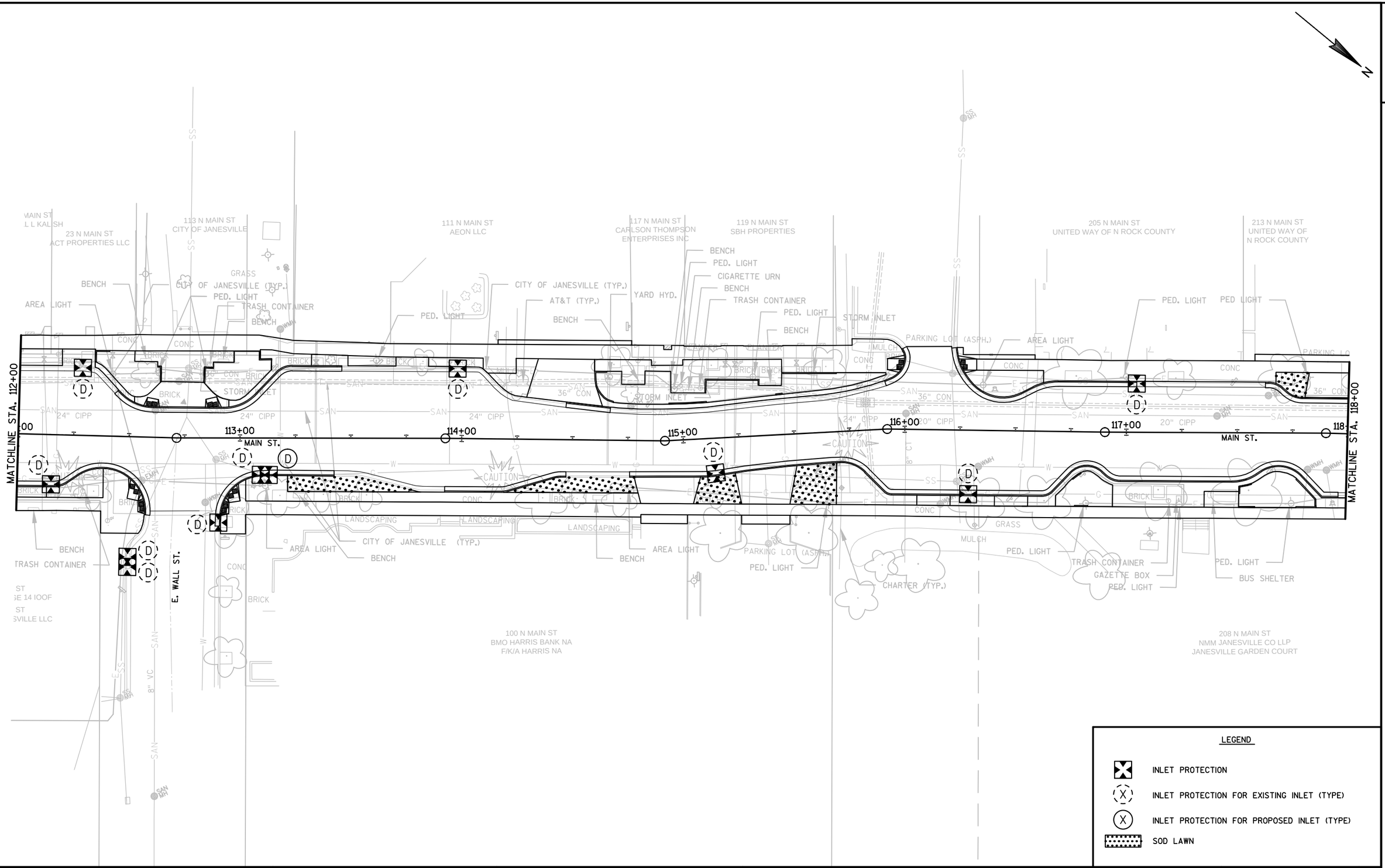
FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\EROSION CONTROL.DWG PLOT DATE : 12/17/2014 11:26 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1:40_XREF

2



PROJECT NO:5990-01-20	HWY:MAIN STREET	COUNTY:ROCK	EROSION CONTROL	SHEET 47	E

2

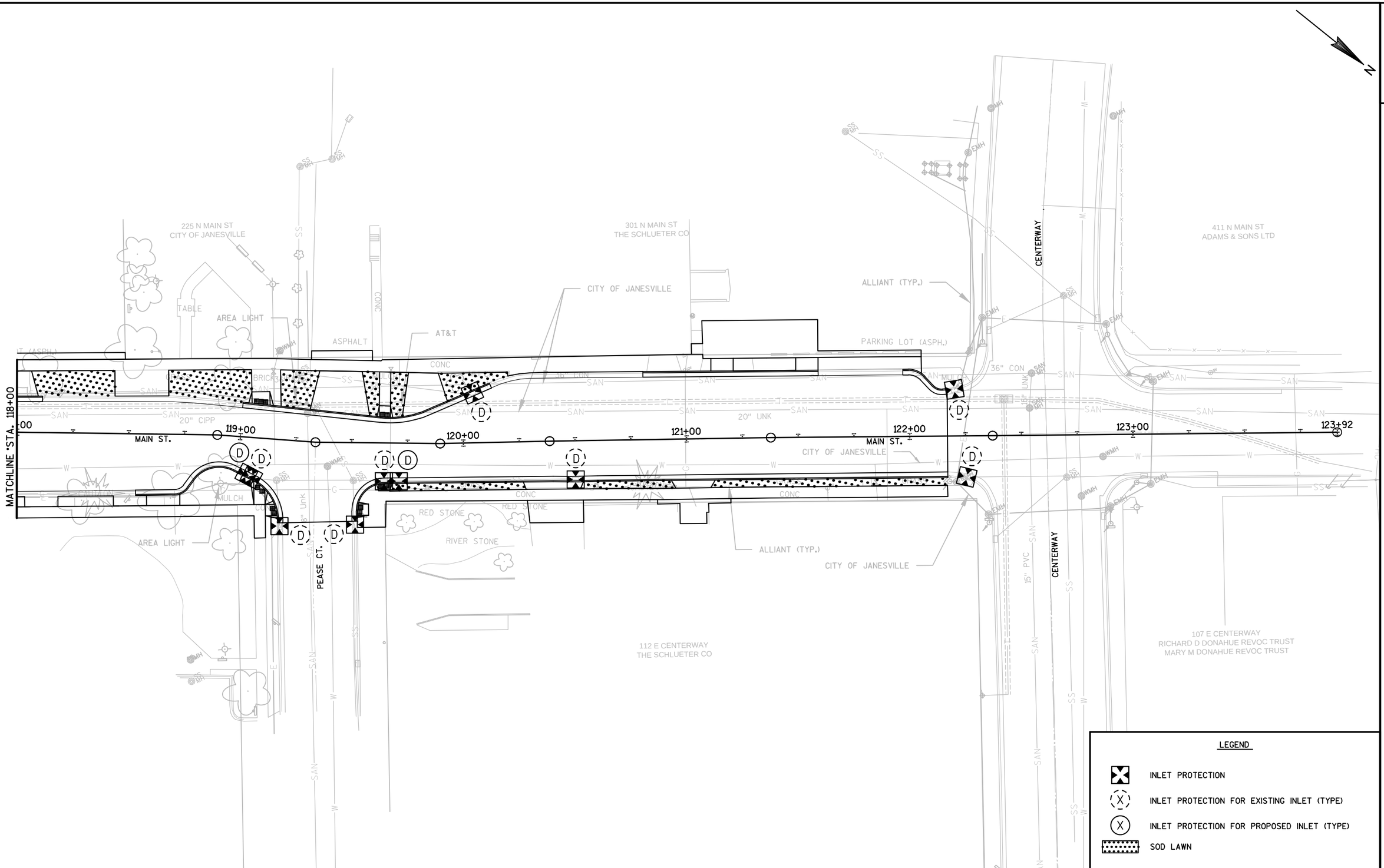


LEGEND

- INLET PROTECTION
- INLET PROTECTION FOR EXISTING INLET (TYPE)
- INLET PROTECTION FOR PROPOSED INLET (TYPE)
- SOD LAWN

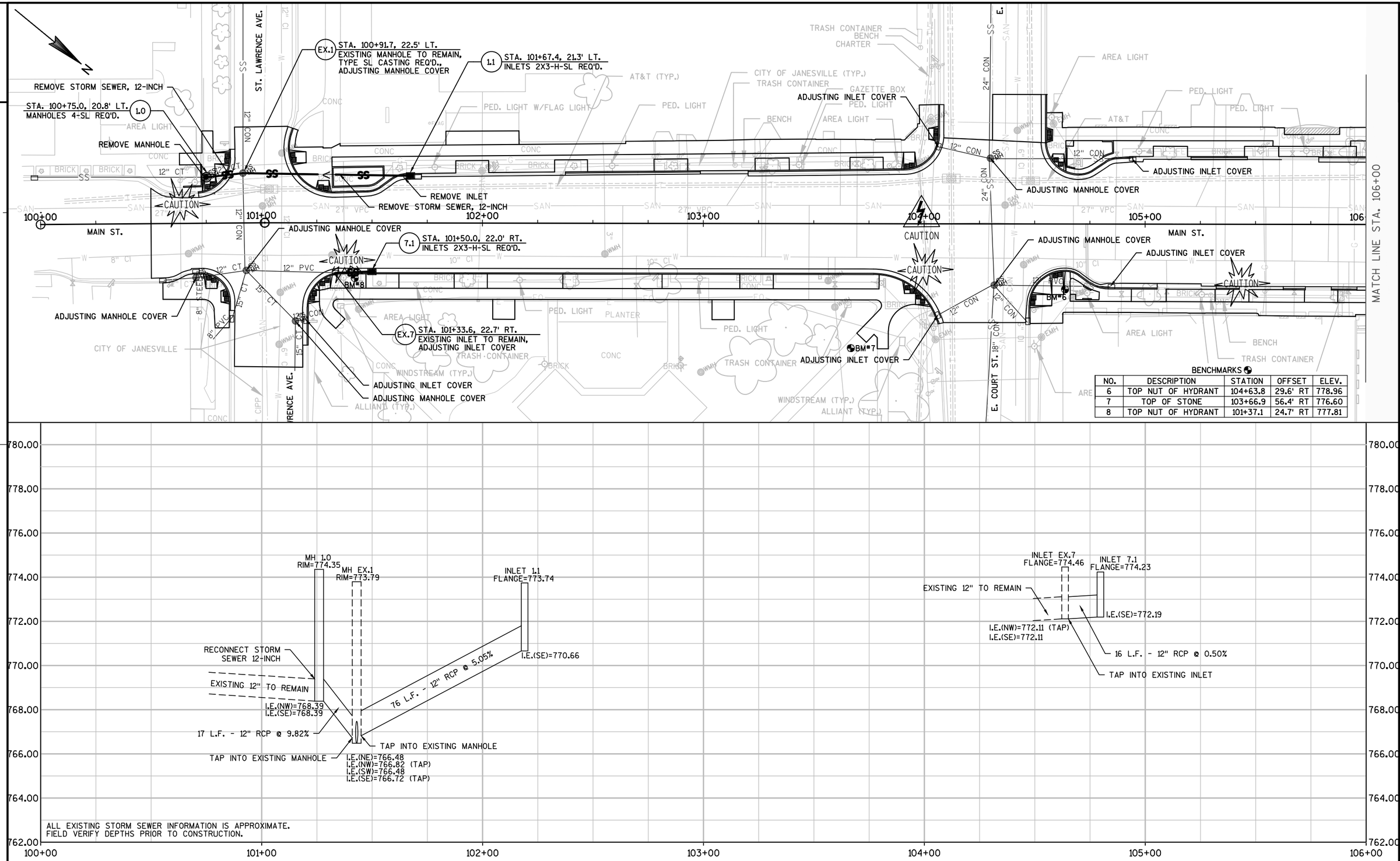
PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	EROSION CONTROL	SHEET 48	E

2



PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	EROSION CONTROL	SHEET 49	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\EROSION CONTROL.DWG PLOT DATE : 12/17/2014 11:26 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1:40_XREF

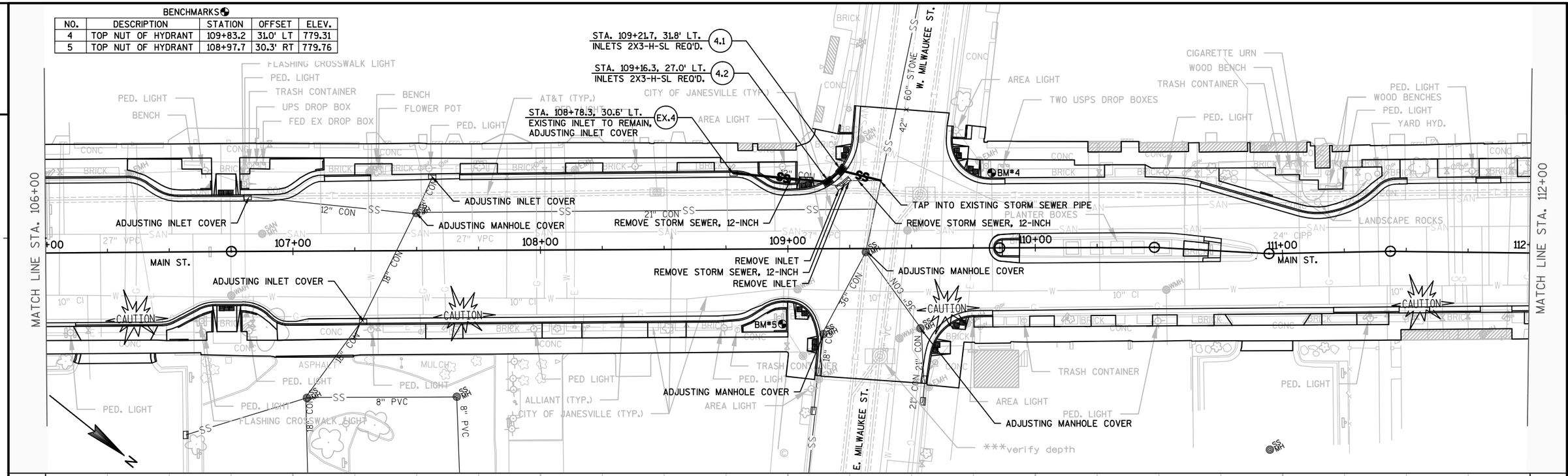


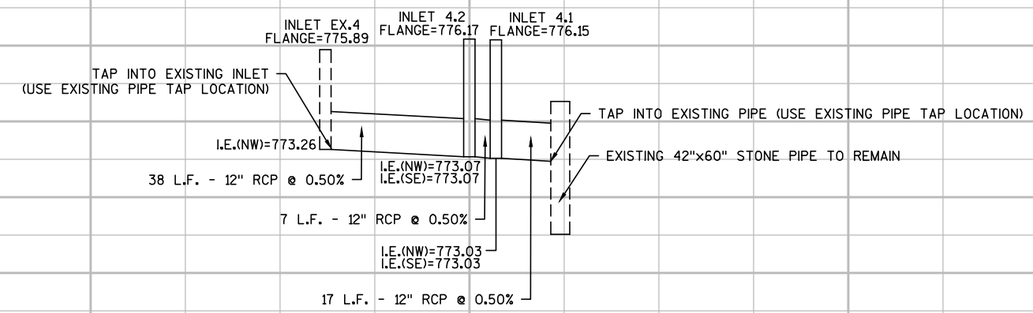
PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	STORM SEWER	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\STORM SEWER.DWG PLOT DATE : 12/17/2014 11:28 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 40'_XREF
WISDOT/CADDS SHEET 41

BENCHMARKS

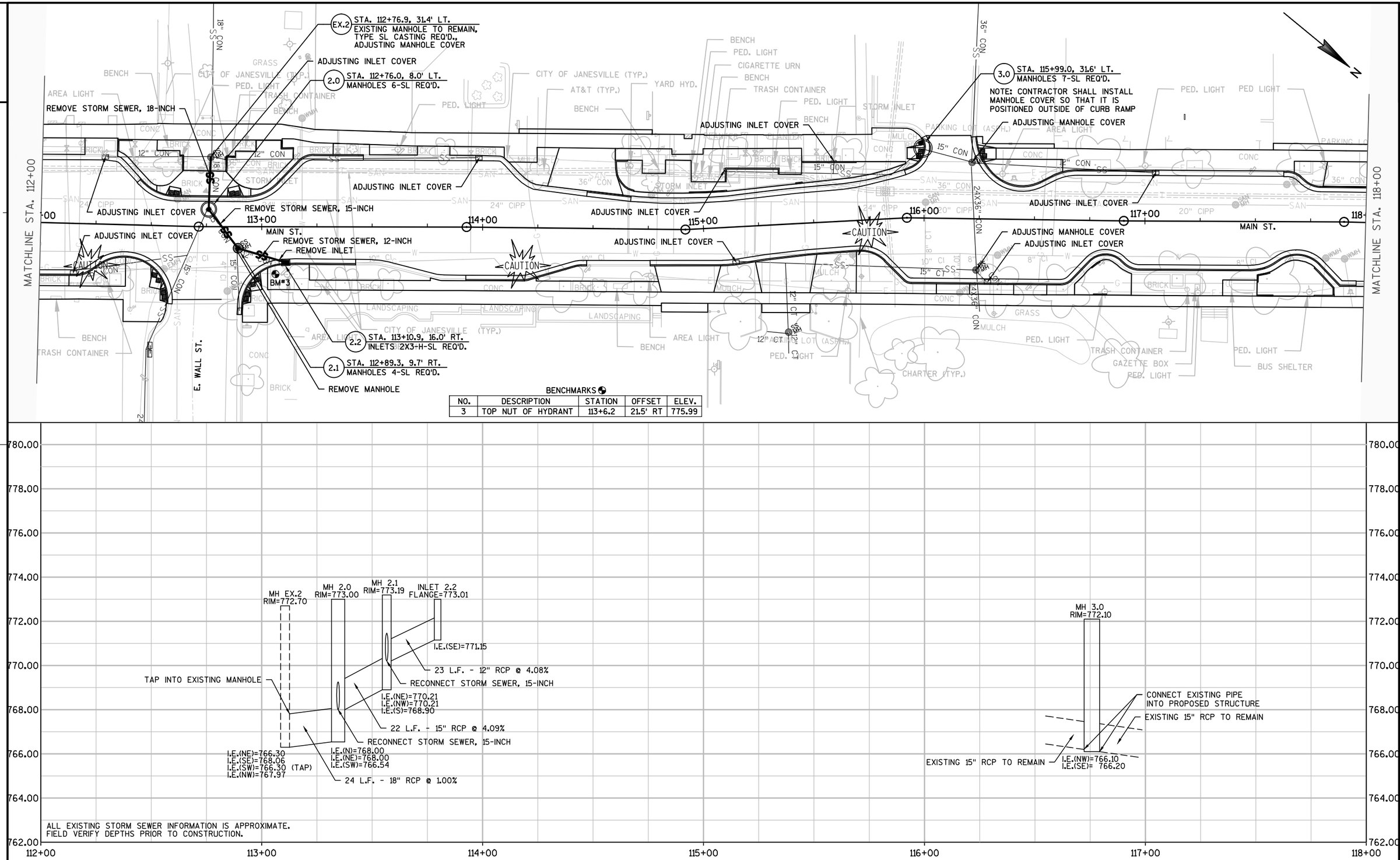
NO.	DESCRIPTION	STATION	OFFSET	ELEV.
4	TOP NUT OF HYDRANT	109+83.2	31.0' LT	779.31
5	TOP NUT OF HYDRANT	108+97.7	30.3' RT	779.76





PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	STORM SEWER	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\STORM SEWER.DWG PLOT DATE : 12/17/2014 11:28 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 40'_XREF

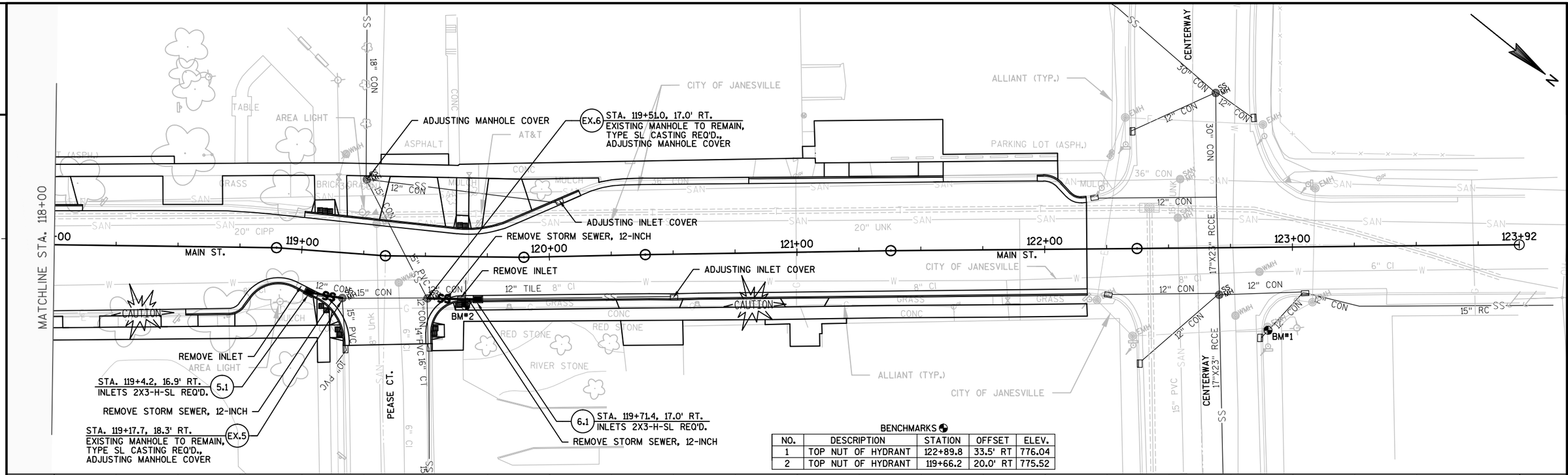


BENCHMARKS

NO.	DESCRIPTION	STATION	OFFSET	ELEV.
3	TOP NUT OF HYDRANT	113+6.2	21.5' RT	775.99

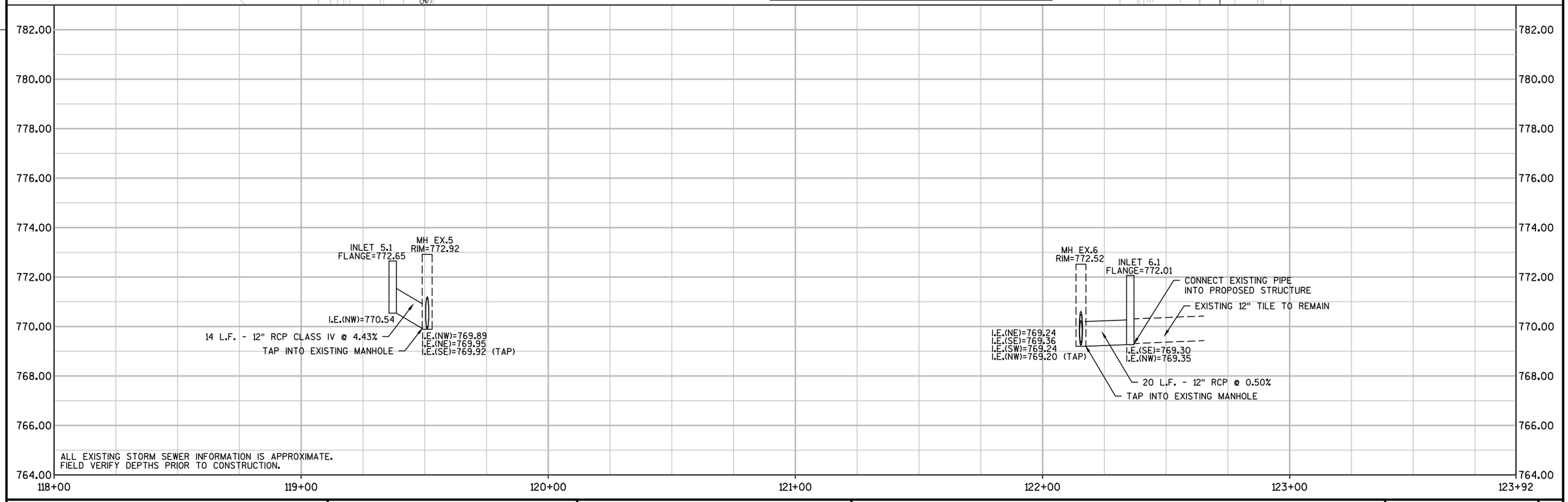
PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	STORM SEWER	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\STORM SEWER.DWG PLOT DATE : 12/17/2014 11:29 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 40'_XREF



BENCHMARKS

NO.	DESCRIPTION	STATION	OFFSET	ELEV.
1	TOP NUT OF HYDRANT	122+89.8	33.5' RT	776.04
2	TOP NUT OF HYDRANT	119+66.2	20.0' RT	775.52



PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	STORM SEWER	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\STORM SEWER.DWG PLOT DATE : 12/17/2014 11:29 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISCONSIN
STEVEN F. SAGE
E-33086
JANESVILLE WI
PROFESSIONAL ENGINEER
Steven F. Sage
October 14, 2014

ST. LAWRENCE AVE.

NEW 12" DIWM

12" CIWM

15" CON

15" CT

12" CON

27" VCP SAN.

8" CIWM

10"

10" CIWM

NEW 12" DIWM 2015

4'

11'

28'

12" PVC

8" PVC

8" CIPP SAN.

6"

6" CIWM

NEW 6" DIWM

NEW HYDRANT

UNK SIZE & TYPE
PARK FEED ACTIVE?

RE-USE PRECAST
MH STRUCTURE

2" COPPER
MAIN TO BUILDING
NEXT TO 4" FIRE LINE
OLD # 64

4" CI

UNK DOUBLE
WATER SERVICE

UNKNOWN SIZE & TYPE

UNK SIZE & TYPE
OLD # 60 ACTIVE?
BOX NOT FOUND

3/4" LEAD
MAIN TO BOX
3/4" COPPER
BOX TO BUILDING
OTHER SERVICE UNK

REMOVE EX.
WATER FOUNTAIN
& CURB BOX
INCIDENTAL TO
ABANDONMENT

1" LEAD MAIN TO BOX

OLD DRINKING
FOUNTAIN

E. COURT ST.

24" CON

8" VCP SAN.

6" CI

NEW 6" DIWM

UNK SIZE LEAD
MAIN TO BOX
1" LEAD BOX TO BUILDING
OLD # 36

UNK SIZE LEAD
MAIN TO BOX
5/8" LEAD BOX
TO BUILDING

12" AVE

18" CON

6"CIPP SAN.

6" DIWM

UNK SIZE & TYPE
1" COPPER BOX TO BLD
SHARES WITH OLD # 39

1 1/2" COPPER
MAIN TO BOX
OLD # 35

Y=99.4
Y=171.8
Y=210.2
Y=254.4
Y=33
Y=86.4
Y=30.9
Y=94.6
Y=163.1
Y=247.5
Y=45.4

100 101 102 103 104 105

RIM= 774.39
Manhole = S1N00361
Rim Elev. = 773.79
Station = 100+92.72

Manhole = 01 06066
Rim Elev. = 774.61
Station = 100+92.95

Manhole = 22-114-M15
Rim Elev. = 774.42
Station = 101+00.47

RIM= 774.72
Manhole = M15-244
Rim Elev. = 774.16
Station = 101+33.63

Manhole = M15-118
Rim Elev. = 773.74
Station = 101+65.66

RIM= 774.94

Manhole = M15-116
Rim Elev. = 774.42
Station = 104+06.66

Manhole = M15-192
Rim Elev. = 775.21
Station = 104+25.85

Manhole = 22-123-M15
Rim Elev. = 775.42
Station = 104+36.60

RIM= 775.93

Manhole = M15-115
Rim Elev. = 774.41
Station = 104+93.34

Invert =772.00
Invert =770.64
Invert =766.48
Invert =767.13
Invert =769.87
Invert =772.41
Invert =769.31
Invert =763.73
Invert =764.17

40.49ft of 12" Dia. @ 10.23%
74.15ft of 12" Dia. @ 5.19%
23.74ft of 12" Dia. @ 0.36%
63.43ft of 15" Dia. @ 1.73%
331.40ft of 27" Dia. @ 0.10%
336.21ft of 27" Dia. @ 0.13%
250.96ft of 27" Dia. @ 0.13%

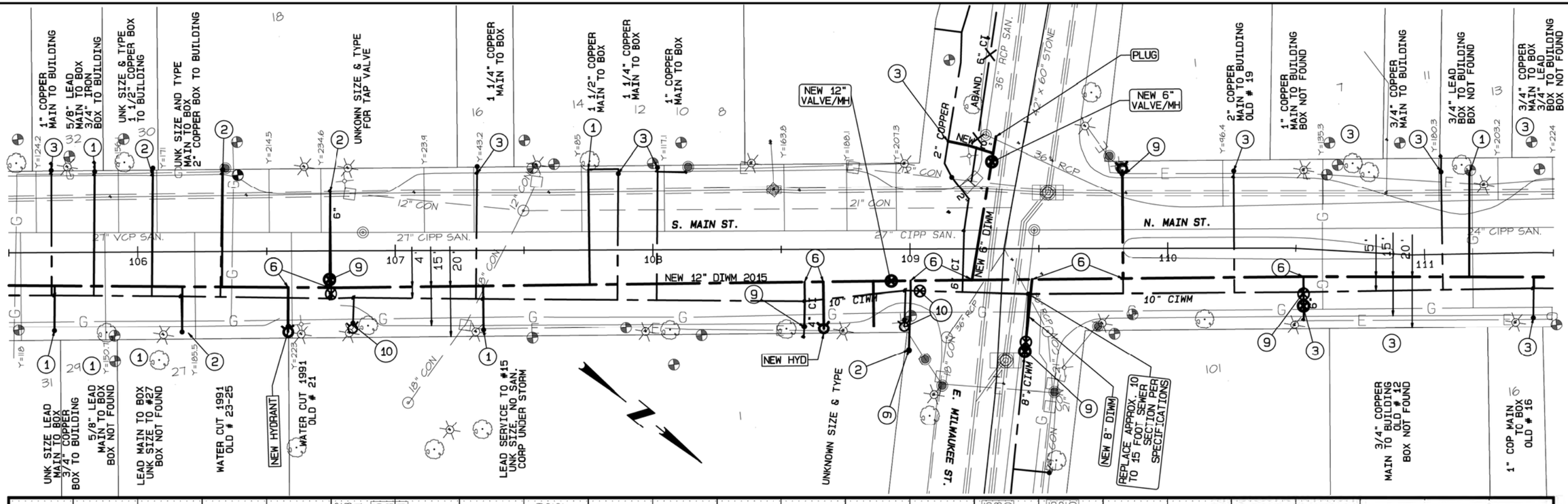
NEW 12" DIWM
EXISTING 10" CIWM IS APPROXIMATE
CONFIRM SANITARY DEPTH BEFORE CONSTRUCTING VERTICAL OFFSET
NEW 12" DIWM

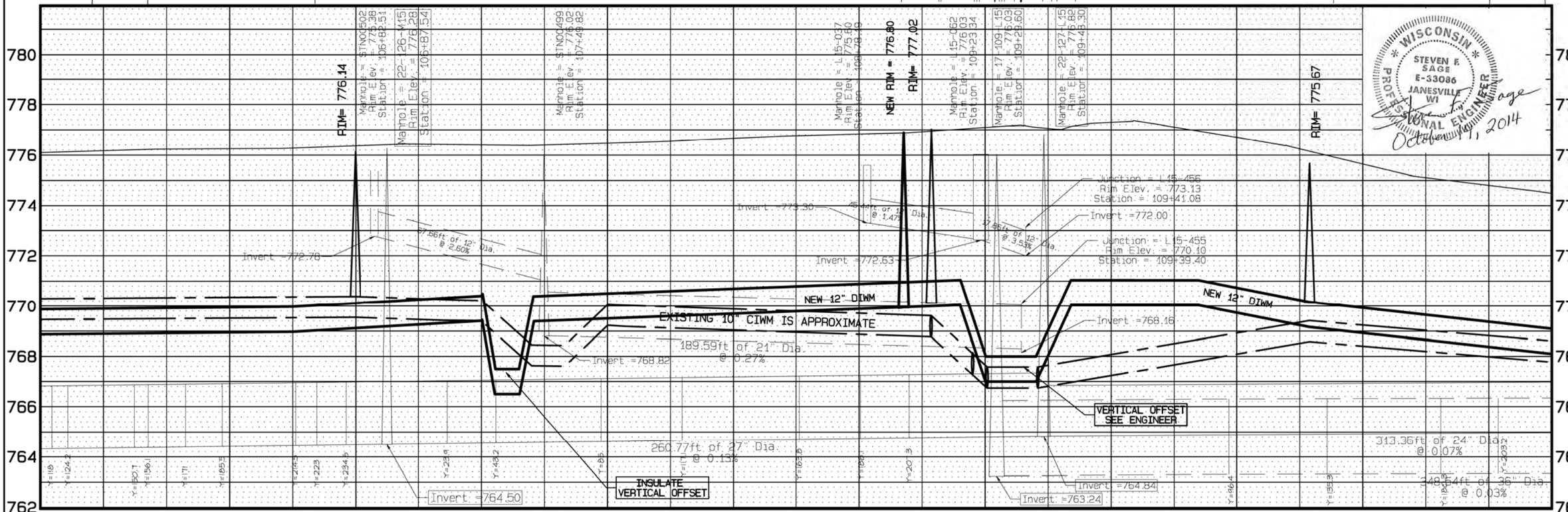
780 778 776 774 772 770 768 766 764 762

100+00 100+50 101+00 101+50 102+00 102+50 103+00 103+50 104+00 104+50 105+00

PROJECT NO:5990-01-21	HWY: MAIN STREET	COUNTY: ROCK	WATERMAIN	SHEET	E

FILE NAME $$....designfile....$$ PLOT DATE :$$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE :$$.....plotscale....$$





WISCONSIN
STEVEN F. SAGE
E-33086
JANESVILLE WI
PROFESSIONAL ENGINEER
October 11, 2014

PROJECT NO:5990-01-21	HWY: MAIN STREET	COUNTY: ROCK	WATERMAIN	SHEET	E

FILE NAME $$....designfile....$$ PLOT DATE :$$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE :$$.....plotscale...$$ WISDOT/CADDS SHEET 42

2

3/4" COPPER MAIN TO BLD
UNK MAIN TO BOX
3/4" COP BOX TO BLD
3/4" COPPER MAIN TO BUILDING
3/4" COPPER MAIN TO BUILDING #21 1/2
3/4" COPPER MAIN TO BOX FOR 23-25
1" COPPER MAIN TO BUILDING OLD # 101 BOX NOT FOUND
1" COPPER MAIN TO BOX UNK BOX TO BUILDING 2 STOP BOXES OLD # 103 & 105
3/4" COPPER MAIN TO BUILDING OLD # 107 BOX NOT FOUND
3/4" COPPER MAIN TO BUILDING OLD # 109
1" COPPER MAIN TO BUILDING OLD # 111 BOX NOT FOUND
3/4" LEAD MAIN TO BUILDING OLD # 115 BOX NOT FOUND
3/4" COPPER MAIN TO BUILDING BOX NOT FOUND
3/4" COPPER BOX TO BUILDING TO #119 FROM #121
2" COPPER MAIN TO BUILDING TO # 121
3/4" COPPER MAIN TO BOX 3/4" IRON MAIN TO BUILDING
2" SERVICE CUT OFF HERE IS THERE A 3/4"?
PROSPECT AVE.
NEW 12" DIWM
NEW 12" DIWM 2015
10" CIWM
24" CIPP SAN.
36" RCP
20" CIPP SAN.
NEW 12" VALVE/MH
8" CIWM
NEW HYDRANT
E. MALL ST.
4" CIWM
NEW 6" DIWM
3/4" IRON MAIN TO BLD OLD # 106 BOX NOT FOUND
3/4" COPPER MAIN TO BOX 3/4" LEAD BOX TO BUILDING OLD # 108 BOX NOT FOUND
3/4" COPPER MAIN TO BUILDING OLD 18
UNKNOWN SIZE & TYPE
1 1/2" COPPER MAIN TO BUILDING 2 STOP BOXES #22
NEW HYD
8" SANITARY LATERAL AT UNKNOWN GRADE
10" CI
24"X36" CON
18" CT
12" CT
8" CIPP SAN.

STATE OF WISCONSIN
STEVEN F. SAGE
E-33086
JANESVILLE WI
PROFESSIONAL ENGINEER
October 17, 2014

780 778 776 774 772 770 768 766 764 762 760

112+00 112+50 113+00 113+50 114+00 114+50 115+00 115+50 116+00 116+50 117+00

RIM= 773.10
RIM= 772.61
NEW RIM = 772.51

Invert =769.93
Invert =769.30
Invert =768.89
Invert =770.97
Invert =768.75
Invert =766.80
Invert =765.05
Invert =763.38
Invert =769.89
Invert =769.60
Invert =767.52
Invert =765.75
Invert =765.32
Invert =769.49
Invert =765.51
8" Invert= 767.05

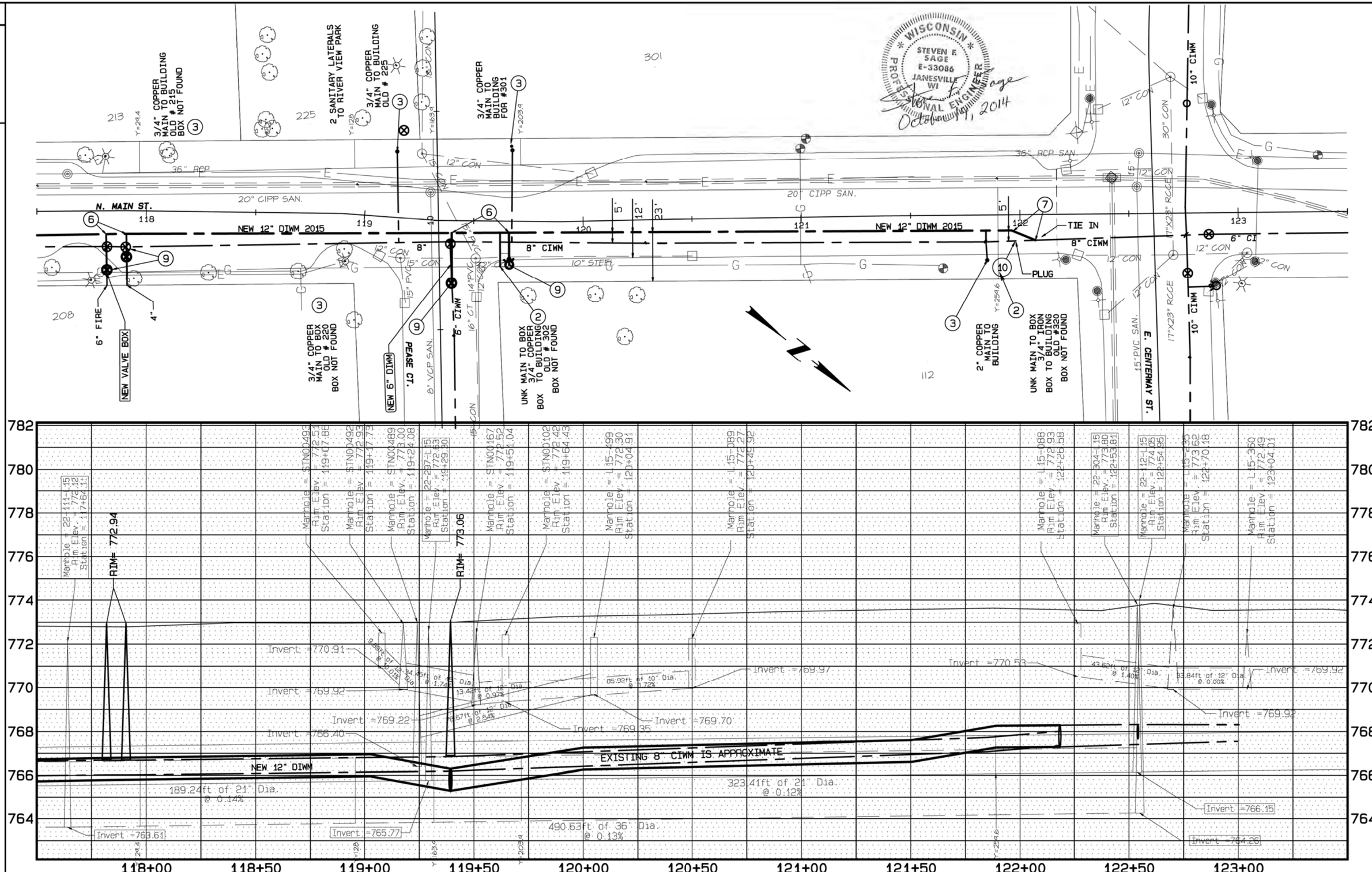
48.84ft of 15" Dia. @ 2.40%
47.75ft of 15" Dia. @ 2.51%
20.55ft of 15" Dia. @ 2.80%
121.58ft of 12" Dia. @ 1.55%
108.13ft of 18" Dia. @ 1.45%
83.43ft of 12" Dia. @ 2.60%
338.67ft of 24" Dia. @ 0.08%
491.43ft of 36" Dia. @ 0.05%
140.29ft of 21" Dia. @ 0.14%

EXISTING 10" CIWM IS APPROXIMATE
NEW 12" DIWM
EXISTING 10" CIWM IS APPROXIMATE
EXISTING 8" CIWM IS APPROXIMATE

PROJECT NO:5990-01-21	HWY: MAIN STREET	COUNTY: ROCK	WATERMAIN	SHEET	E

FILE NAME $$....designfile....$$ PLOT DATE :$$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE :$$.....plotscale....$$ WISDOT/CADDS SHEET 42

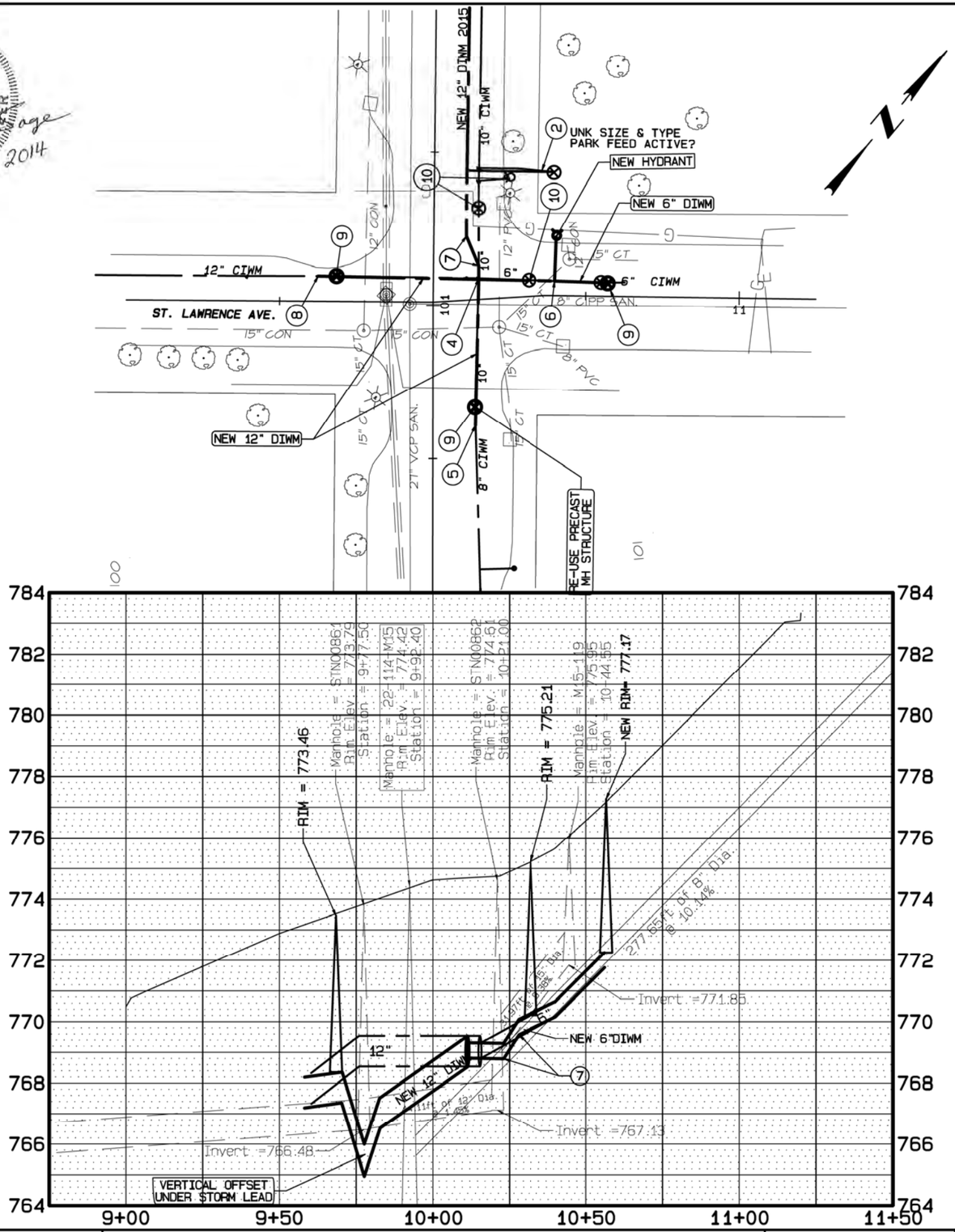
2



PROJECT NO:5990-01-21	HWY: MAIN STREET	COUNTY: ROCK	WATERMAIN	SHEET	E

FILE NAME $$....designfile....$$ PLOT DATE :$$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : _____ PLOT SCALE :$$.....plotscale....$$ WISDOT/CADDS SHEET 42





PROJECT NO:5990-01-21	HWY: MAIN STREET	COUNTY: ROCK	WATERMAIN	SHEET	E

FILE NAME $$....designfile....$$ PLOT DATE :$$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE :$$.....plotscale...$$ WISDOT/CADDS SHEET 42

WISCONSIN
STEVEN E. SAGE
E-33086
JANESVILLE WI
PROFESSIONAL ENGINEER
October 14, 2014

UNK SIZE LEAD MAIN TO BOX
1" LEAD BOX TO BUILDING
OLD # 36

NEW 6" DIWM

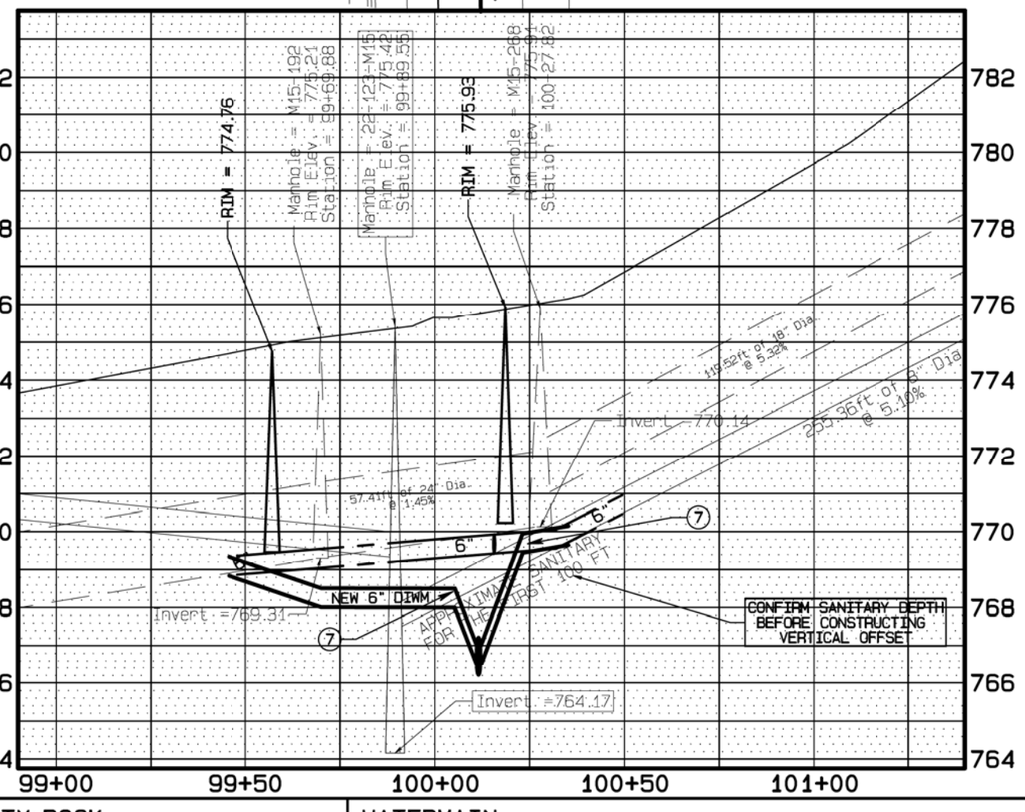
UNK SIZE & TYPE
1" COPPER BOX TO BLD
SHARES WITH OLD # 39

6" CI
8" VCP SAN.
24" CON
E. COURT ST.
8" CT
12" CON
15" CON
18" CON
8" CIPP SAN.
6" DIWM
10" CIWM

1" LEAD MAIN TO BOX

OLD DRINKING FOUNTAIN

REMOVE EX. WATER FOUNTAIN & CURB BOX INCIDENTAL TO ABANDONMENT

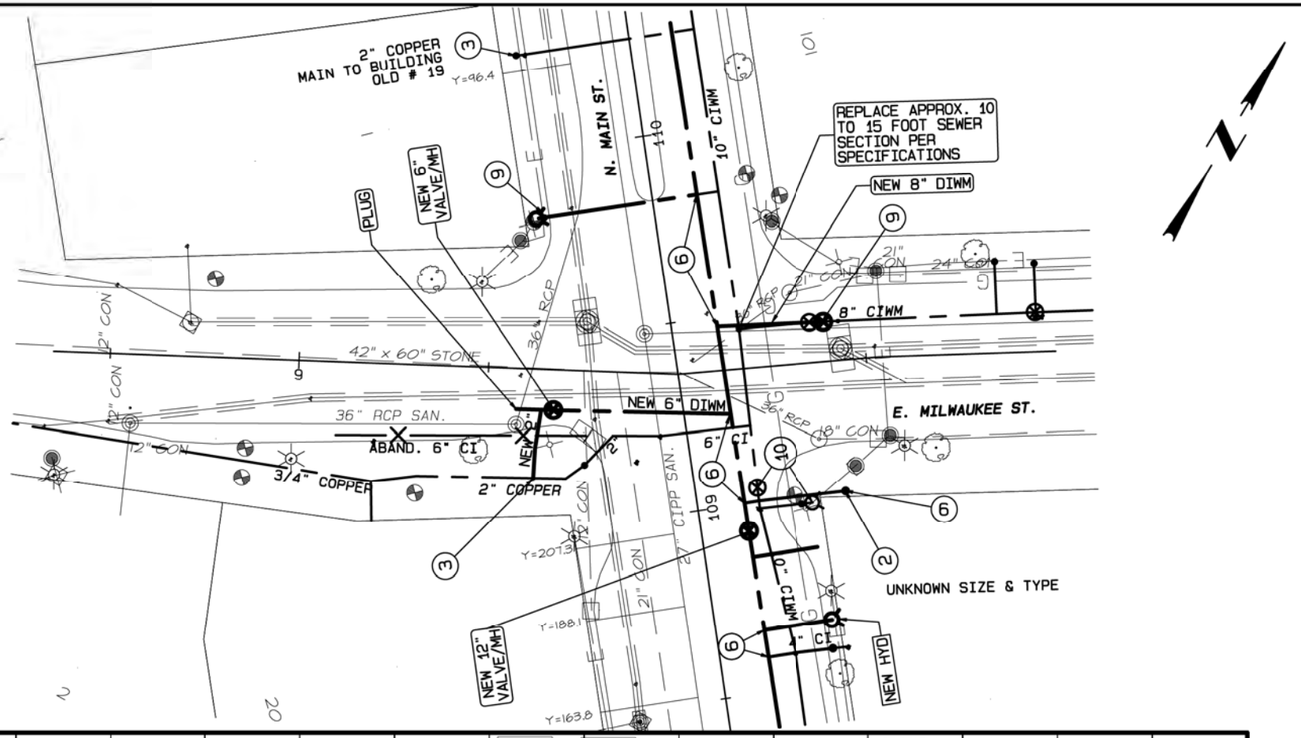


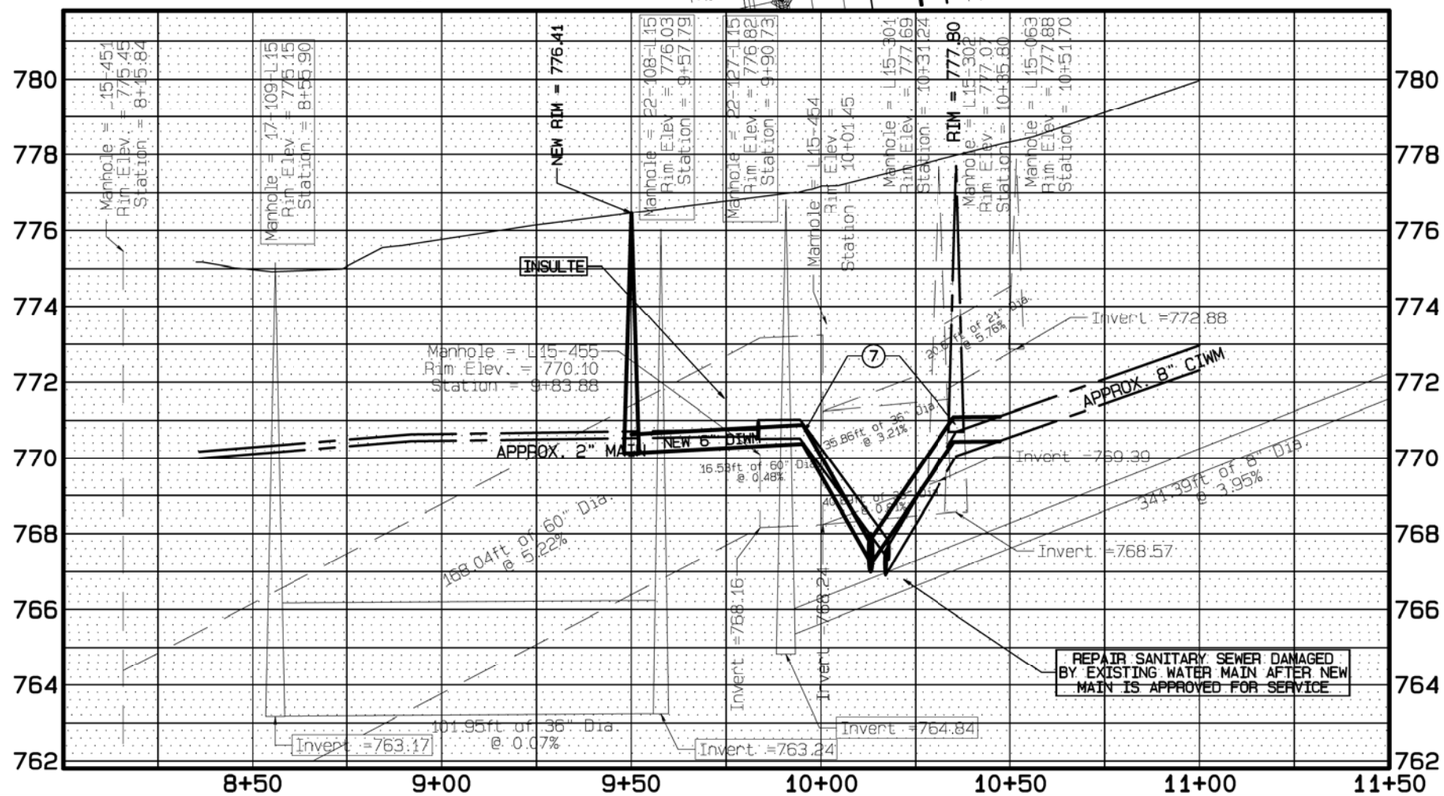
PROJECT NO:5990-01-21	HWY: MAIN STREET	COUNTY: ROCK	WATERMAIN	SHEET	E

FILE NAME $$....designfile....$$ PLOT DATE :$$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE :$$.....plotscale...$$

2

WISCONSIN
STEVEN F. SAGE
E-33086
JANESVILLE WI
PROFESSIONAL ENGINEER
Steven F. Sage
October 7, 2014





PROJECT NO:5990-01-21	HWY: MAIN STREET	COUNTY: ROCK	WATERMAIN	SHEET	E

FILE NAME $$....designfile....$$ PLOT DATE :$$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : _____ PLOT SCALE :$$.....plotscale....$$ WISDOT/CADDS SHEET 42

2

WISCONSIN
STEVEN F. SAGE
E-33086
JANESVILLE WI
PROFESSIONAL ENGINEER
October 14, 2014

1" COPPER MAIN TO BOX UNK BOX TO BUILDING 2 STOP BOXES OLD # 103 & 105

1" COPPER MAIN TO BUILDING OLD # 101 BOX NOT FOUND

3/4" IRON MAIN TO BLD OLD # 106 BOX NOT FOUND

NEW 6" DIWM

4" CIWM

E. WALL ST.

8"VCP SAN.

NEW HYDRANT

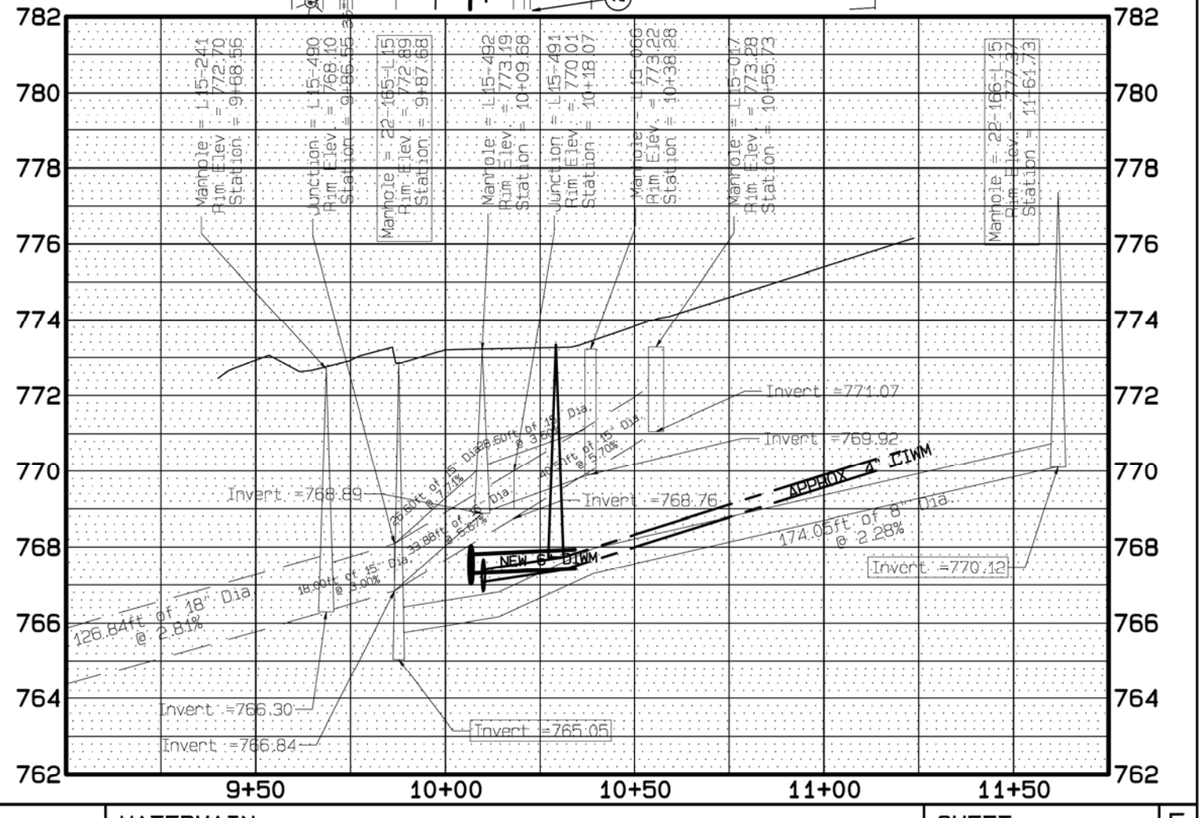
1 1/2" COPPER MAIN TO BUILDING 2 STOP BOXES #22

3/4" COPPER MAIN TO BOX FOR 23-25

3/4" COPPER MAIN TO BUILDING # 21 1/2

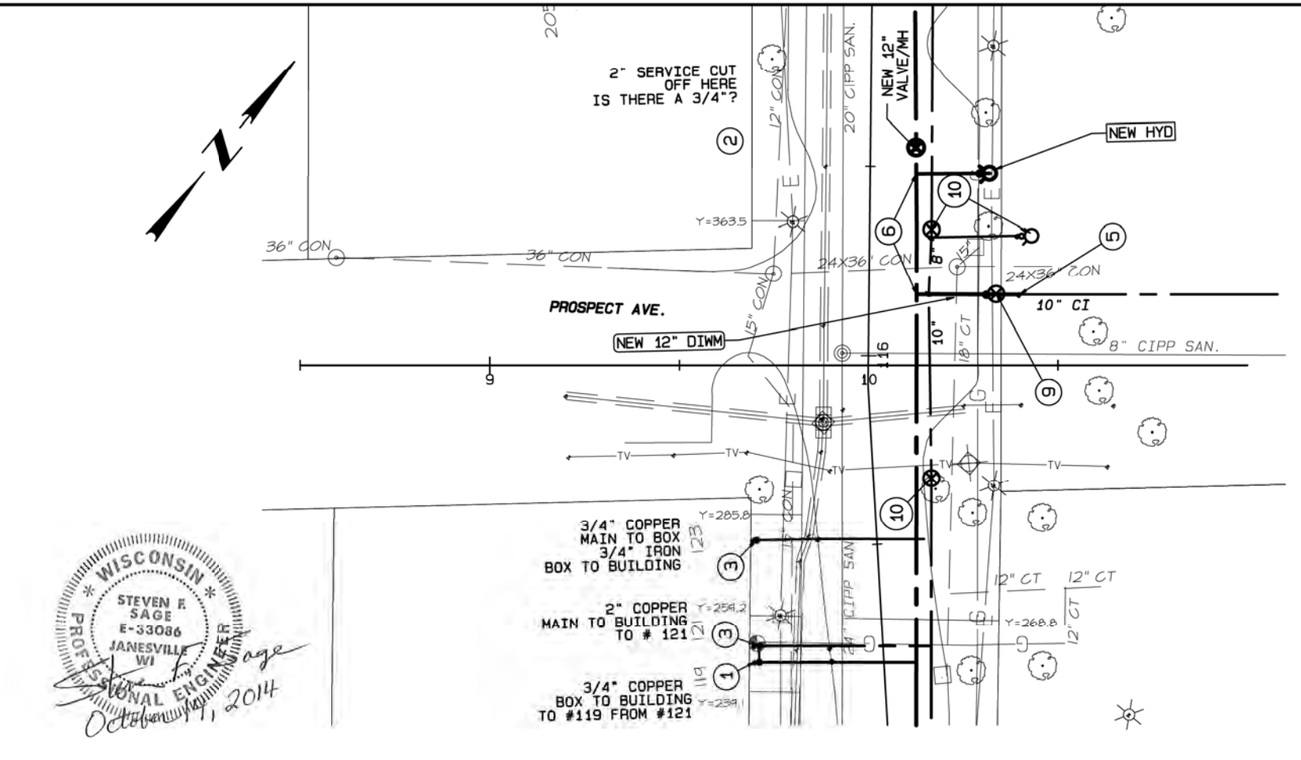
3/4" COPPER MAIN TO BUILDING

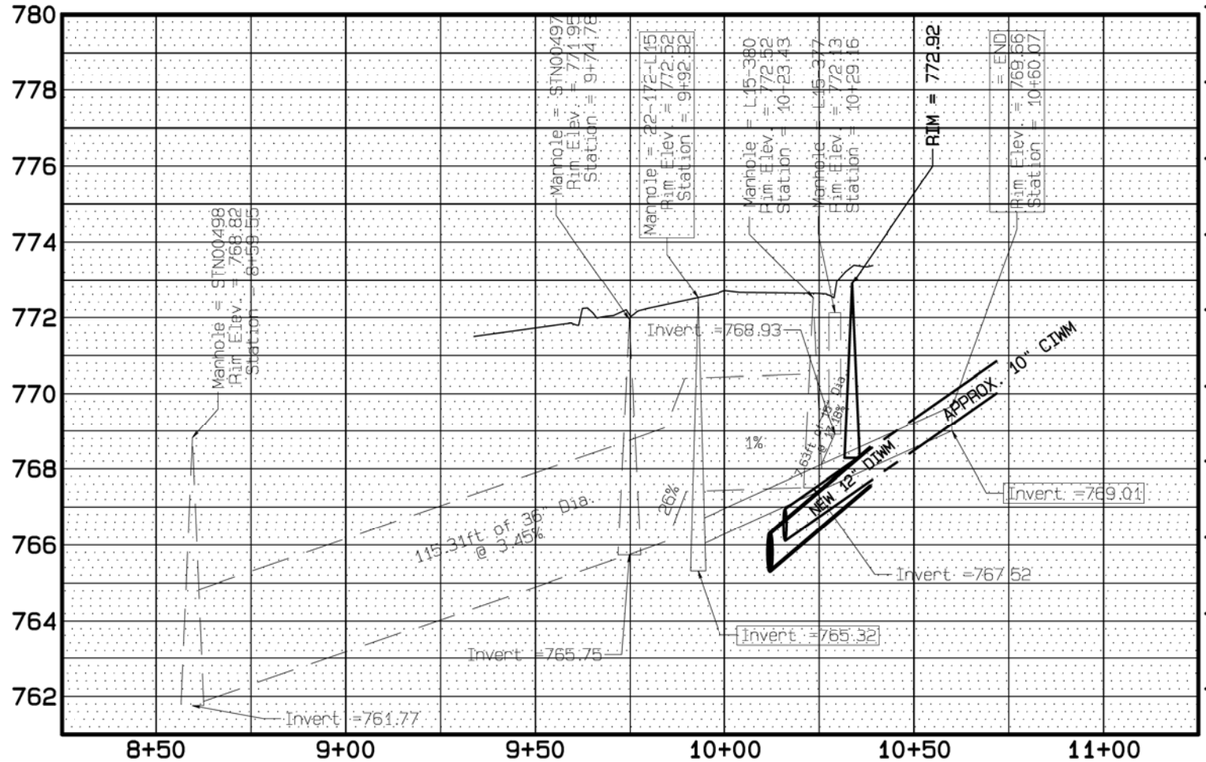
UNKNOWN SIZE & TYPE



PROJECT NO:5990-01-21	HWY: MAIN STREET	COUNTY: ROCK	WATERMAIN	SHEET	E

FILE NAME $$....designfile....$$ PLOT DATE :$$...plottingdate...$$ PLOT BY : $$...plotuser...$$PLOT NAME : $$ PLOT SCALE :$$.....plotscale.....

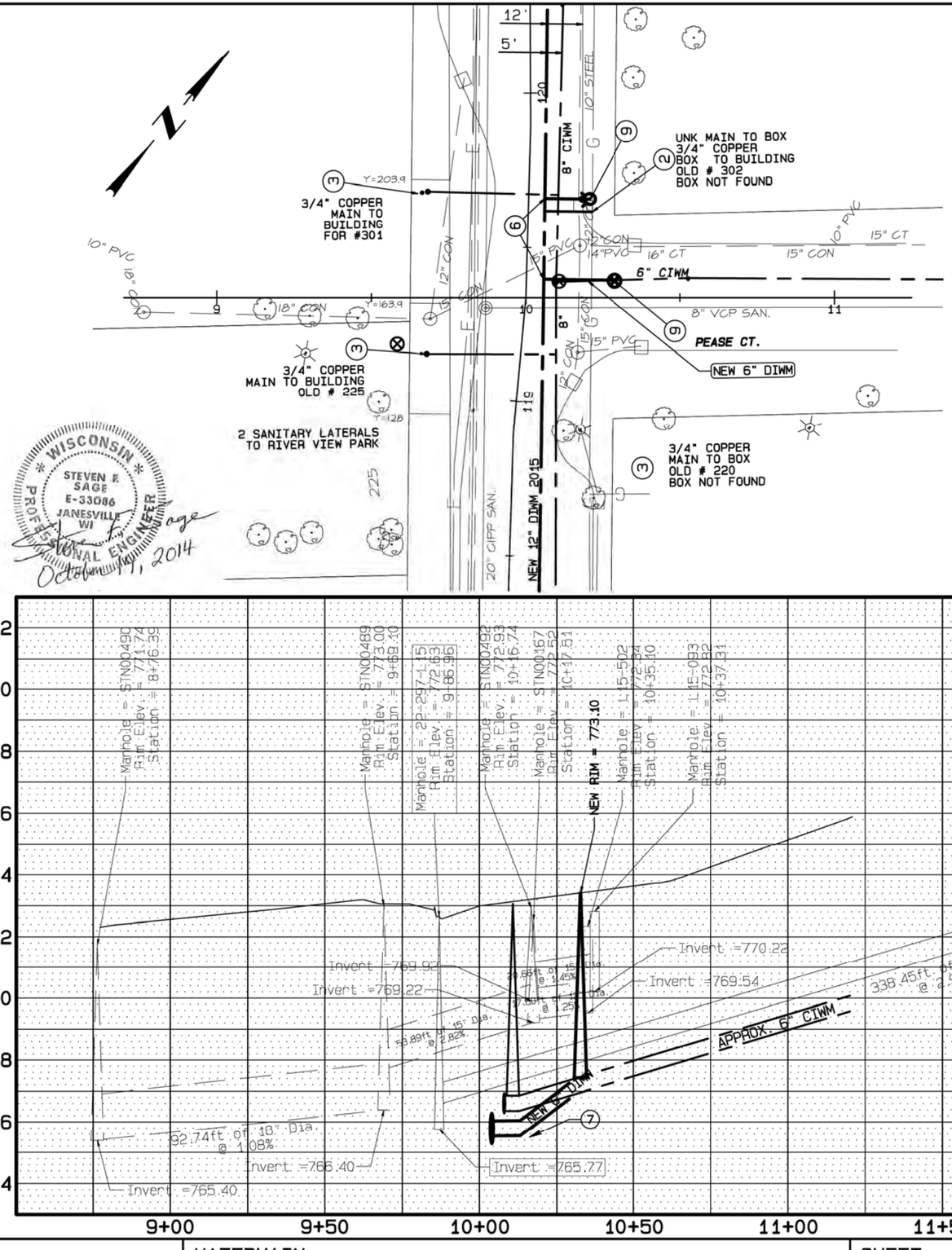




WISCONSIN
STEVEN E SAGE
E-33086
JANESVILLE WI
PROFESSIONAL ENGINEER
October 17, 2014

PROJECT NO:5990-01-21	HWY: MAIN STREET	COUNTY: ROCK	WATERMAIN	SHEET	E

FILE NAME $$....designfile....$$ PLOT DATE :$$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE :$$.....plotscale....$$



PROJECT NO:5990-01-21	HWY: MAIN STREET	COUNTY: ROCK	WATERMAIN	SHEET	E

FILE NAME $$....designfile....$$ PLOT DATE :$$...plottingdate...$$ PLOT BY : $$...plotuser...$$PLOT NAME : PLOT SCALE :$$.....plotscale...$$ WISDOT/CADDS SHEET 42

3

GENERAL NOTES

1. CONSULT ENGINEER PRIOR TO ANY WATER SERVICE DISRUPTION, ANY WATER VALVE OPERATION, AND VALVE LOCATIONS

2. ALL NEW WATER SERVICES MUST BE FLUSHED PRIOR TO RECONNECTION

3. ALL EXISTING W.M. INVERTS ARE APPROXIMATELY 4.5' TO 6.5' BELOW EXISTING PAVEMENT. NEW W.M. INVERTS SHALL BE 7.0' BELOW EXISTING PAVEMENT EXCEPT WHERE UTILITY CONFLICTS EXISTS OR VERTICAL OFFSETS ARE REQUIRED.

4. NEW W.M. OR WATER SERVICE, TO MAINTAIN 6" VERTICAL CLEARANCE WHEN GOING "OVER" AND 24" VERTICAL CLEARANCE WHEN GOING "UNDER" EXISING SANITARY OR STORM MAINS. INSULATE PER SPECIFICATION.

5. ALL NEW HYDRANT LEADS ARE 6" DUCTILE IRON.

6. LONG SIDE WATER SERVICE, LESS THAN OR EQUAL TO 2" DIA. SHALL BE BORED UNLESS OTHERWISE APPROVED BY ENGINEER

WATER SERVICE LEGEND

(1) REQUIRES REPLACEMENT OF EXISTING LEAD SERVICE WITH A NEW 3/4" COPPER SERVICE FROM WATERMAIN TO STOP BOX

(2) REQUIRES EXISTING SERVICE TO BE LOCATED AND EXCAVATED IN THE TERRACE TO DETERMINE TYPE, THEN REPLACE IF NOT COPPER, OR SEE (10) REQUIREMENTS.

(3) RECONNECT WATER SERVICE TO NEW MAIN

WATER MAIN LEGEND

(4) REQUIRES INSTALLATION OF AN APPROPRIATE SIZED CROSS WITH GLANDS & GASKETS

(5) REQUIRES INSTALLATION OF AN APPROPRIATE SIZED REDUCER WITH GLANDS & GASKETS

(6) REQUIRES INSTALLATION OF AN APPROPRIATE SIZED " T " WITH GLANDS & GASKETS

(7) REQUIRES INSTALLATION OF AN APPROPRIATE SIZED BEND WITH GLANDS & GASKETS

(8) REQUIRES INSTALLATION OF AN APPROPRIATE SIZED SLEEVE WITH GLANDS & GASKETS

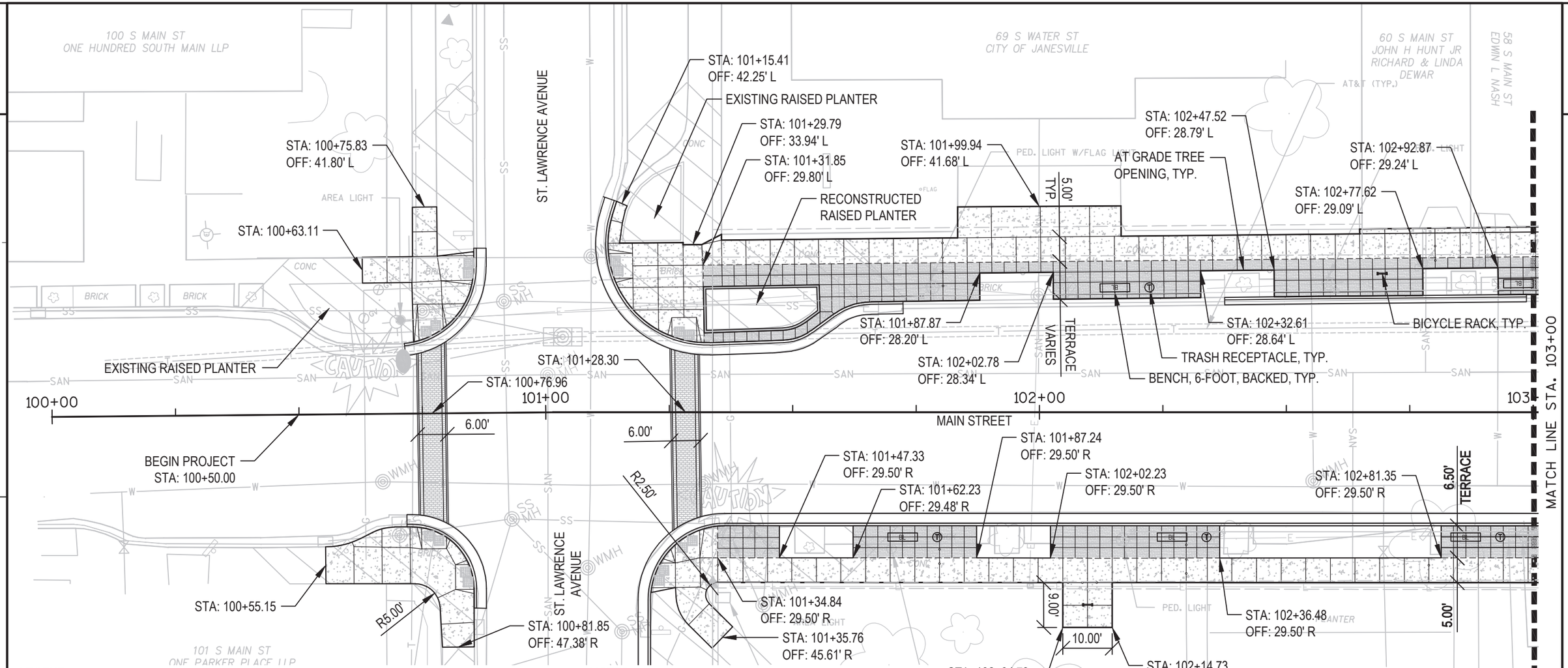
(9) REMOVE EXISTING HYDRANT OR WATER VALVE & MANHOLE. REPLACE WITH A NEW HYDRANT OR VALVE AND MANHOLE OF APPROPRIATE SIZE WITH GLANDS & GASKETS

(10) REMOVE & ABANDON WATER VALVE, HYDRANT, STOP BOX, OR CORPORATION WHEN APPROPRIATE WITH WATER MAIN TESTING PROCEDURES

WISCONSIN
STEVEN F. SAGE
E-33086
JANESVILLE WI
PROFESSIONAL ENGINEER
October 11, 2014

PROJECT NO:5990-01-21	HWY: MAIN STREET	COUNTY: ROCK	MISCELLANEOUS CONSTRUCTION NOTES	SHEET 64 E

FILE NAME $$....designfile....$$ PLOT DATE :$$...plottingdate...$$ PLOT BY : $$...plotuser...$$PLOT NAME : PLOT SCALE :$$.....plotscale....$$ WISDOT/CADDS SHEET 42



LEGEND:

- CONCRETE SIDEWALK
- CONCRETE SIDEWALK, COLORED
- CONTROL JOINT
- EXPANSION JOINT
- COLD JOINT
- BICYCLE RACK
- TRASH RECEPTACLE
- B — BENCH, 6-FOOT, BACKED (FACE OF BENCH)
- BL — BENCH, 6-FOOT, BACKLESS (FACE OF BENCH)
- D — DROP BOX (AS INDICATED)
- EXISTING PEDESTRIAN LIGHTING (SEE LIGHTING PLANS)
- PROPOSED AREA LIGHTING (SEE LIGHTING PLANS)
- PAVEMENT MARKING, SPECIAL PREFORMED THERMOPLASTIC

NOTES:

1. CONTRACTOR SHALL CONTACT 811 TO LOCATE SITE UTILITIES PRIOR TO ANY CONSTRUCTION ACTIVITIES.
2. IN ADDITION TO THOSE NOTED ON PLANS, EXPANSION JOINTS SHALL BE LOCATED AT ALL FIXED SITE ELEMENTS, I.E. WHERE PAVEMENT MEETS BUILDINGS, UTILITIES EXISTING CONCRETE AND ETC.
3. ALL BENCHES SHALL BE LOCATED PARALLEL TO ROADWAY BACK OF CURB, UNLESS SHOWN OTHERWISE ON PLANS.
4. SEE DRAWINGS BY OTHERS FOR CURB RAMPS, PAINTED CROSSWALKS AND PLANTER CURB REPLACEMENT LOCATIONS.
5. IN AREAS ALONG PLANTERS WHERE CONCRETE COLORED SIDEWALK IS LESS THAN 6-INCHES WIDE, INSTALL STANDARD CONCRETE SIDEWALK.

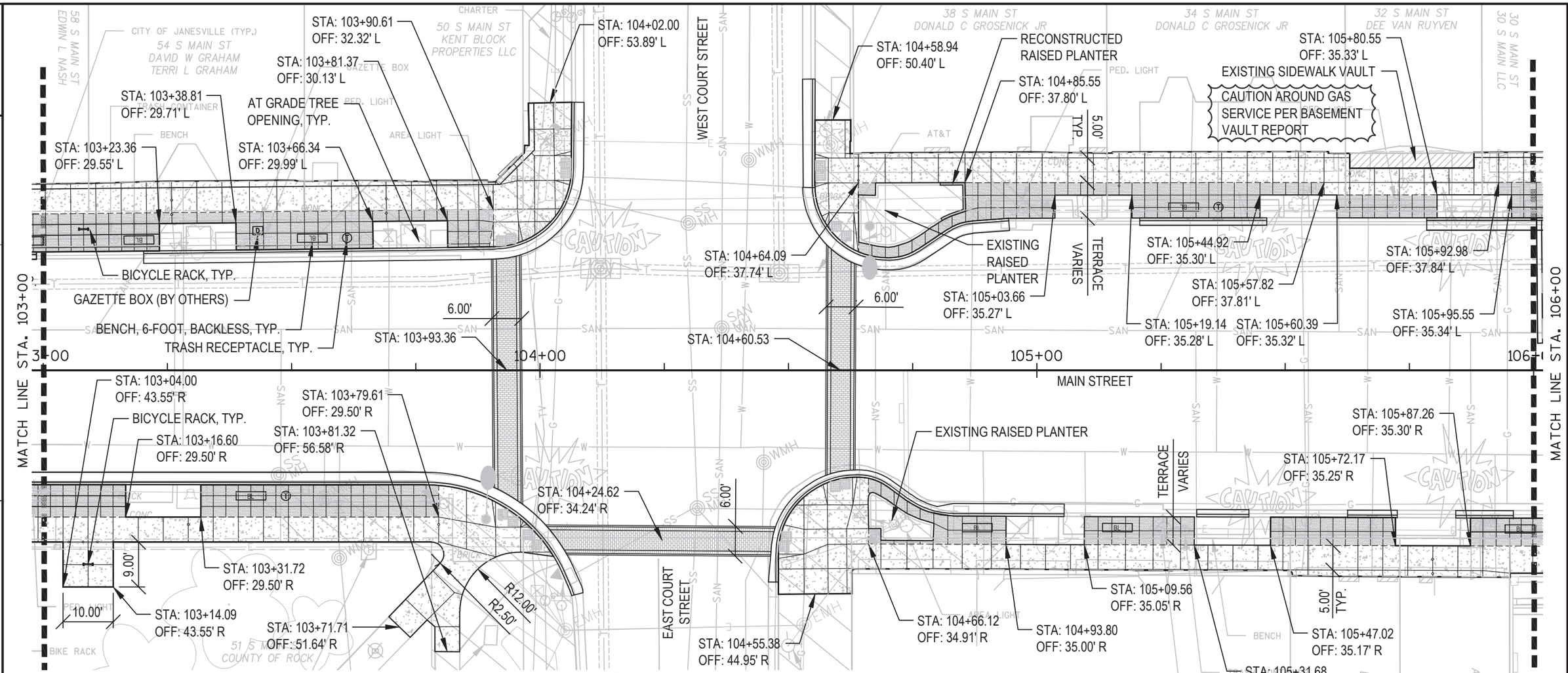
Know what's **below.** **Call** before you dig.

0 10' 20' 40'

SCALE: 1" = 20'-0"

WISCONSIN
JARED A CUNNINGHAM
655
SUN PRAIRIE, WI
LANDSCAPE ARCHITECT
10/17/2014

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Layout and Materials Plan - STA 100+50 to STA 103+00	SHEET 65	E



LEGEND:

- CONCRETE SIDEWALK
- CONCRETE SIDEWALK, COLORED
- CONTROL JOINT
- EXPANSION JOINT
- COLD JOINT
- BICYCLE RACK
- TRASH RECEPTACLE
- BENCH, 6-FOOT, BACKED (FACE OF BENCH)
- BENCH, 6-FOOT, BACKLESS (FACE OF BENCH)
- DROP BOX (AS INDICATED)
- EXISTING PEDESTRIAN LIGHTING (SEE LIGHTING PLANS)
- PROPOSED AREA LIGHTING (SEE LIGHTING PLANS)
- PAVEMENT MARKING, SPECIAL PREFORMED THERMOPLASTIC

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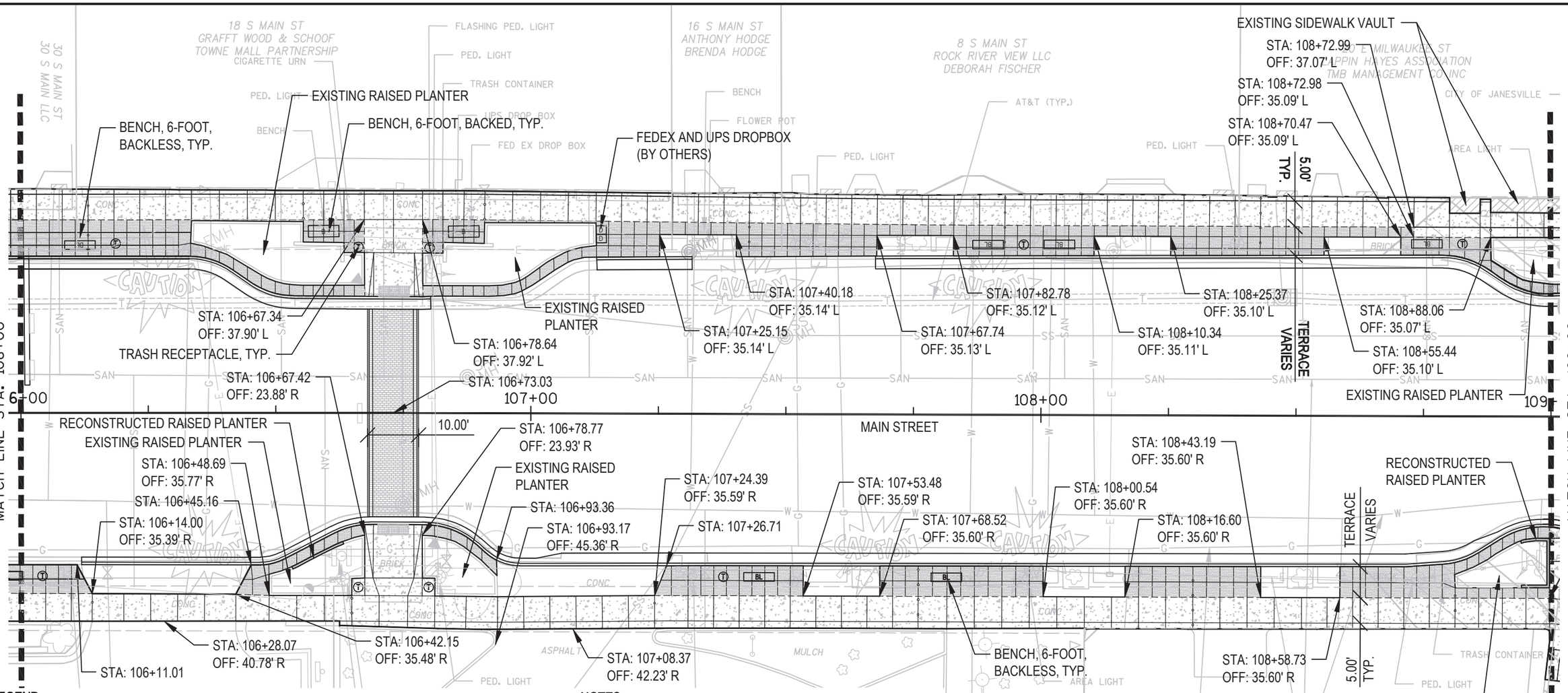
811 Know what's **below.** **Call** before you dig.

0 10' 20' 40'

SCALE: 1" = 20'-0"

WISCONSIN
JARED A CUNNINGHAM
633
SUN PRAIRIE, WI
LANDSCAPE ARCHITECT
10/17/2014

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Layout and Materials Plan - STA 103+00 to STA 106+00	SHEET 66	E



LEGEND:

- CONCRETE SIDEWALK
- CONCRETE SIDEWALK, COLORED
- CONTROL JOINT
- EXPANSION JOINT
- COLD JOINT
- BICYCLE RACK
- TRASH RECEPTACLE
- BENCH, 6-FOOT, BACKED (FACE OF BENCH)
- BENCH, 6-FOOT, BACKLESS (FACE OF BENCH)
- DROP BOX (AS INDICATED)
- EXISTING PEDESTRIAN LIGHTING (SEE LIGHTING PLANS)
- PROPOSED AREA LIGHTING (SEE LIGHTING PLANS)
- PAVEMENT MARKING, SPECIAL PREFORMED THERMOPLASTIC

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5. IN AREAS ALONG PLANTERS WHERE CONCRETE COLORED SIDEWALK IS LESS THAN 6-INCHES WIDE, INSTALL STANDARD CONCRETE SIDEWALK.

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0 10' 20' 40'

SCALE: 1" = 20'-0"

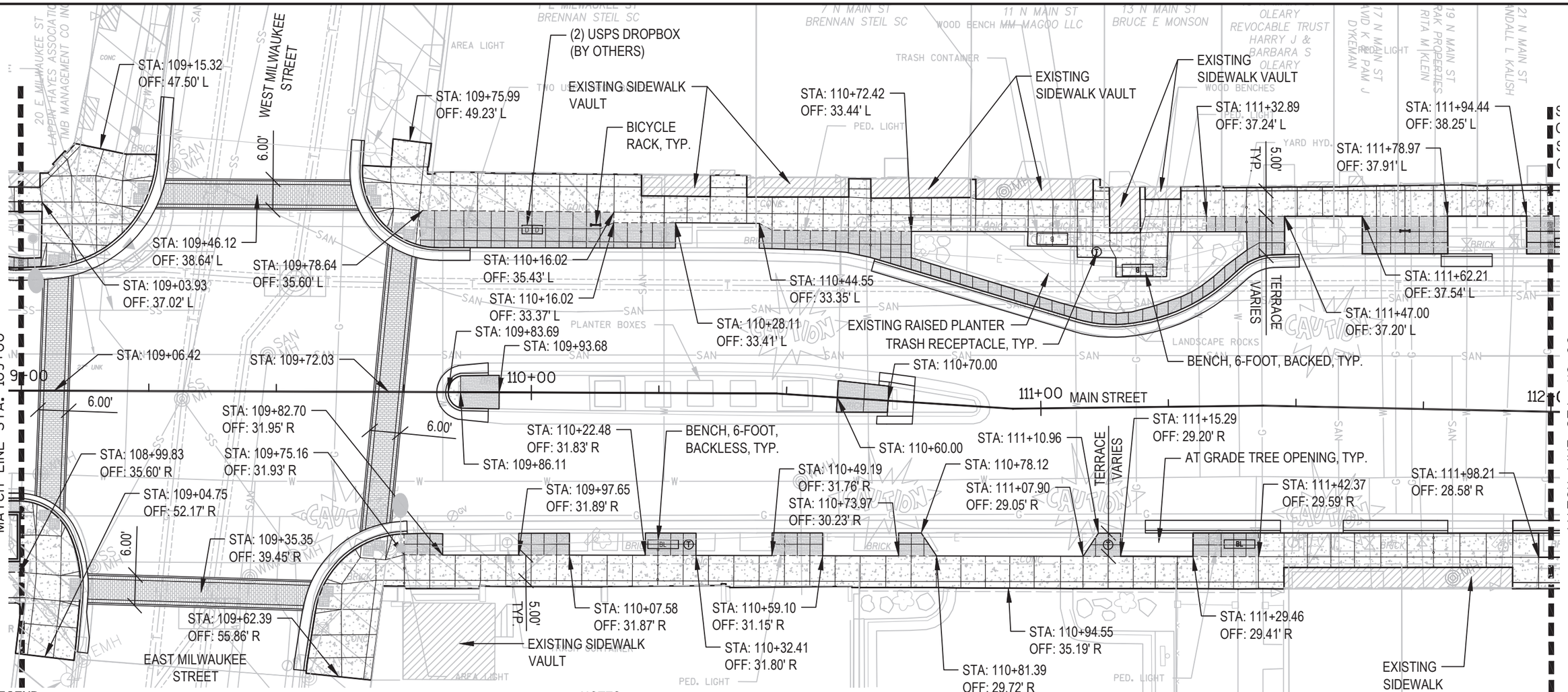
WISCONSIN JARED A CUNNINGHAM 675 SUN PRAIRIE, WI LANDSCAPE ARCHITECT 12/17/2014

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Layout and Materials Plan - STA 106+00 to STA 109+00	SHEET 67	E

FILE NAME : P:\50672.000\CAD\C\SHEET\SITE LAYOUT PLAN.DWG PLOT DATE : 12/17/2014 5:12 PM PLOT BY : JARED CUNNINGHAM PLOT NAME : PLOT SCALE : 1" = 20'

WISDOT/CADDS SHEET 45

2



LEGEND:

- CONCRETE SIDEWALK
- CONCRETE SIDEWALK, COLORED
- CONTROL JOINT
- EXPANSION JOINT
- COLD JOINT
- BICYCLE RACK
- TRASH RECEPTACLE
- BENCH, 6-FOOT, BACKED (FACE OF BENCH)
- BENCH, 6-FOOT, BACKLESS (FACE OF BENCH)
- DROP BOX (AS INDICATED)
- EXISTING PEDESTRIAN LIGHTING (SEE LIGHTING PLANS)
- PROPOSED AREA LIGHTING (SEE LIGHTING PLANS)
- PAVEMENT MARKING, SPECIAL PREFORMED THERMOPLASTIC

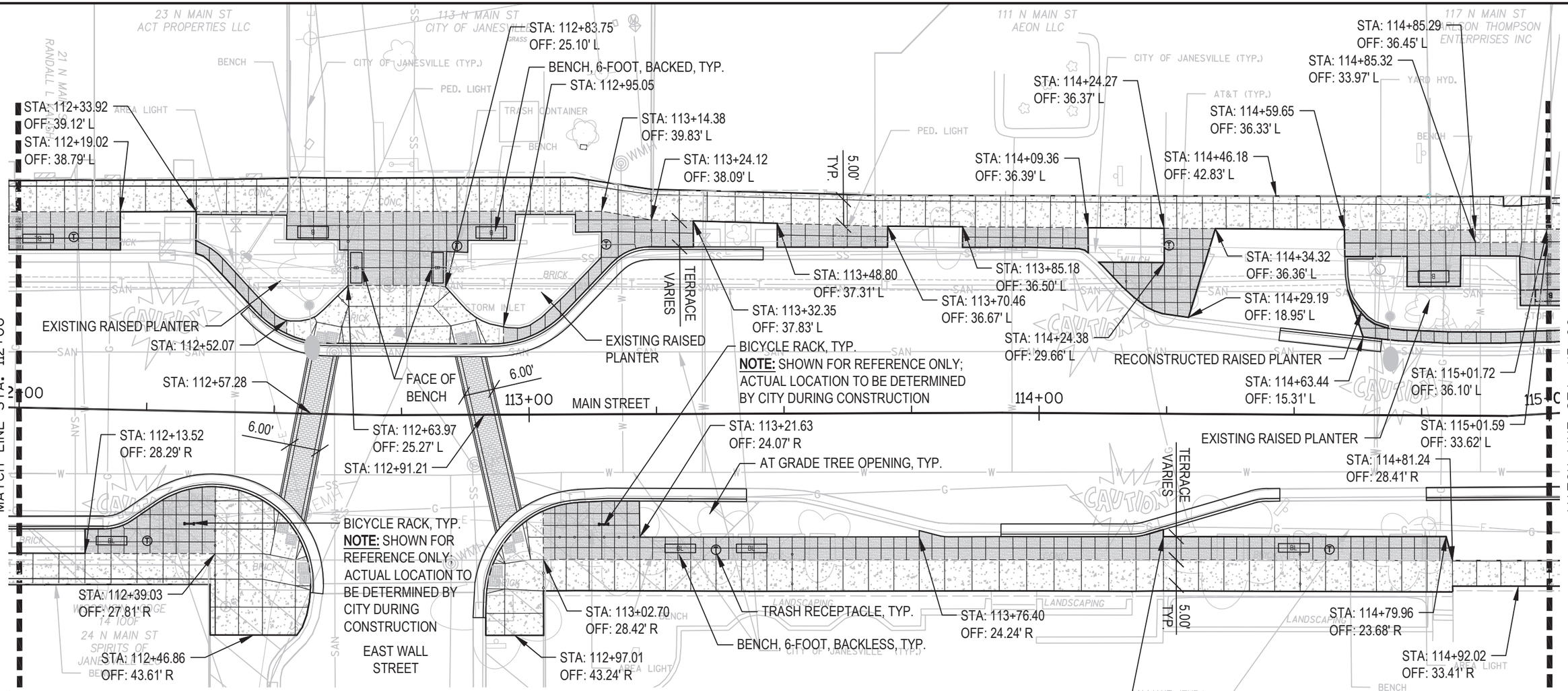
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Know what's **below.** **Call** before you dig.

JARED A CUNNINGHAM 625 SUN PRAIRIE, WI WISCONSIN LANDSCAPE ARCHITECT 10/17/2014

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Layout and Materials Plan - STA 109+00 to STA 112+00	SHEET 68	E



LEGEND:

- CONCRETE SIDEWALK
- CONCRETE SIDEWALK, COLORED
- CONTROL JOINT
- EXPANSION JOINT
- COLD JOINT
- BICYCLE RACK
- TRASH RECEPTACLE
- BENCH, 6-FOOT, BACKED (FACE OF BENCH)
- BENCH, 6-FOOT, BACKLESS (FACE OF BENCH)
- DROP BOX (AS INDICATED)
- EXISTING PEDESTRIAN LIGHTING (SEE LIGHTING PLANS)
- PROPOSED AREA LIGHTING (SEE LIGHTING PLANS)
- PAVEMENT MARKING, SPECIAL PREFORMED THERMOPLASTIC

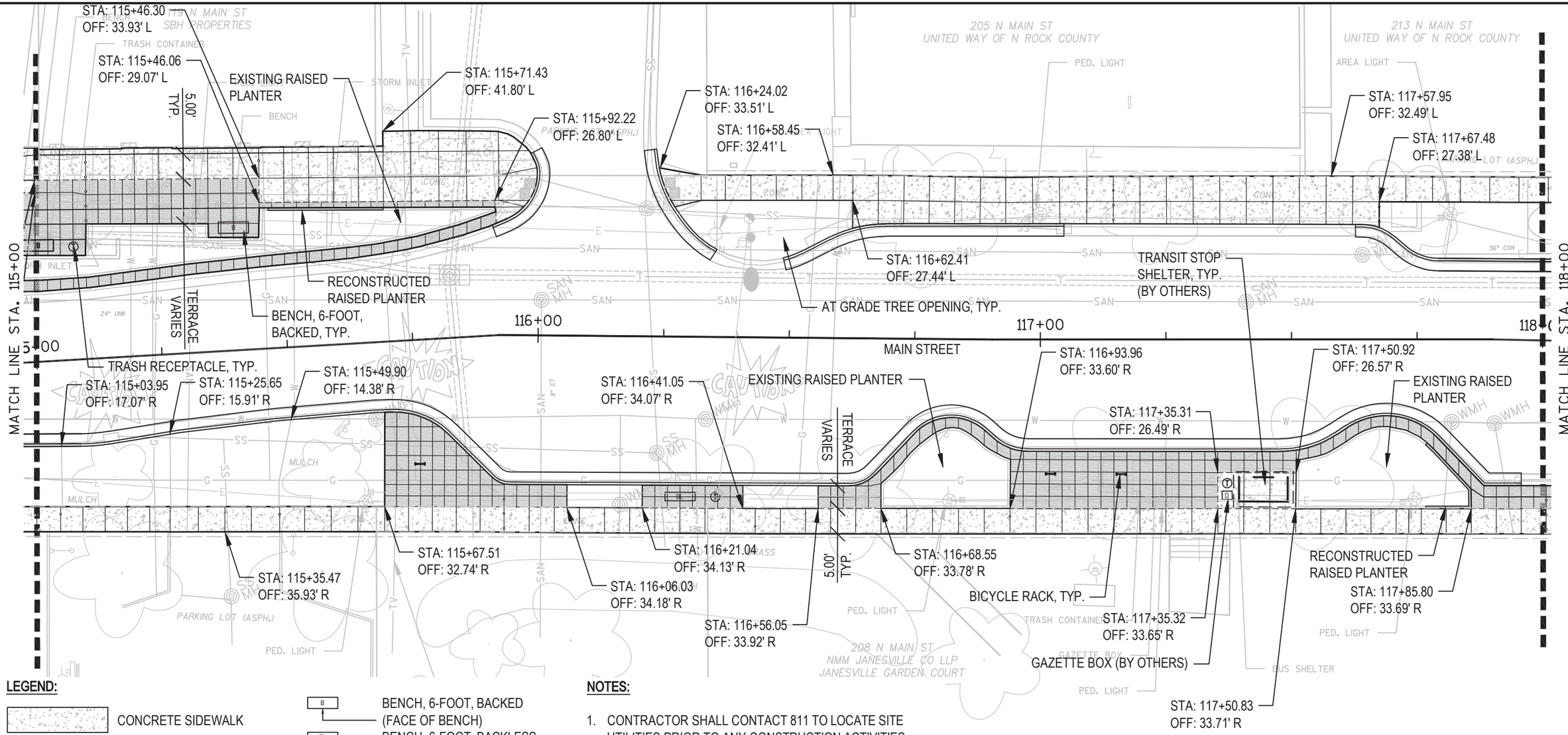
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811 Know what's below. Call before you dig.

JARED A CUNNINGHAM 655 SUN PRAIRIE, WI LANDSCAPE ARCHITECT 10/17/2014

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Layout and Materials Plan - STA 112+00 to STA 115+00	SHEET 69	E



LEGEND:

- CONCRETE SIDEWALK
- CONCRETE SIDEWALK, COLORED
- CONTROL JOINT
- EXPANSION JOINT
- COLD JOINT
- BICYCLE RACK
- TRASH RECEPTACLE
- B — BENCH, 6-FOOT, BACKED (FACE OF BENCH)
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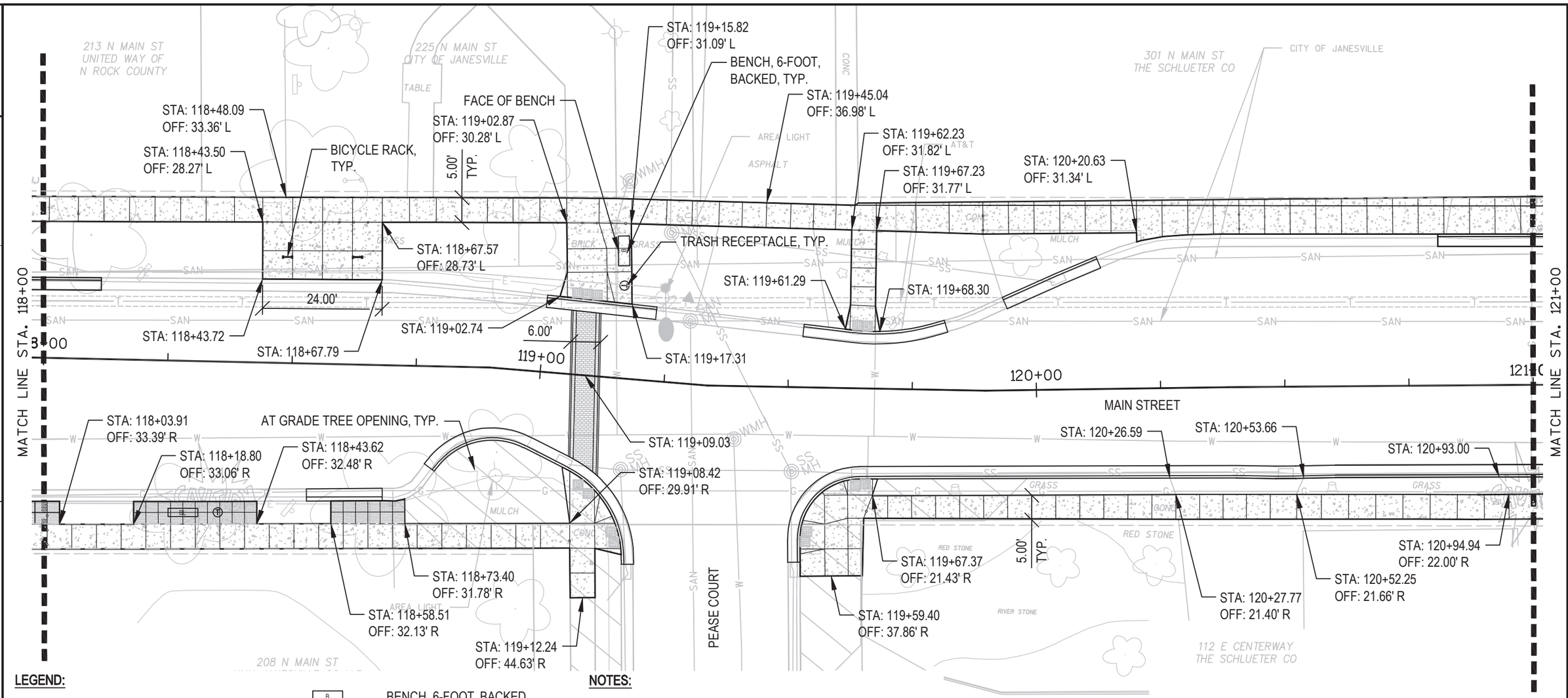
N

0 10' 20' 40'

SCALE: 1" = 20'-0"

WISCONSIN
JARED A CUNNINGHAM
625
SUN PRAIRIE, WI
LANDSCAPE ARCHITECT
10/17/2014

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Layout and Materials Plan - STA 115+00 to STA 118+00	SHEET 70	E



LEGEND:

- CONCRETE SIDEWALK
- CONCRETE SIDEWALK, COLORED
- CONTROL JOINT
- EXPANSION JOINT
- COLD JOINT
- BICYCLE RACK
- TRASH RECEPTACLE
- B — BENCH, 6-FOOT, BACKED (FACE OF BENCH)
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0 10' 20' 40'

SCALE: 1" = 20'-0"

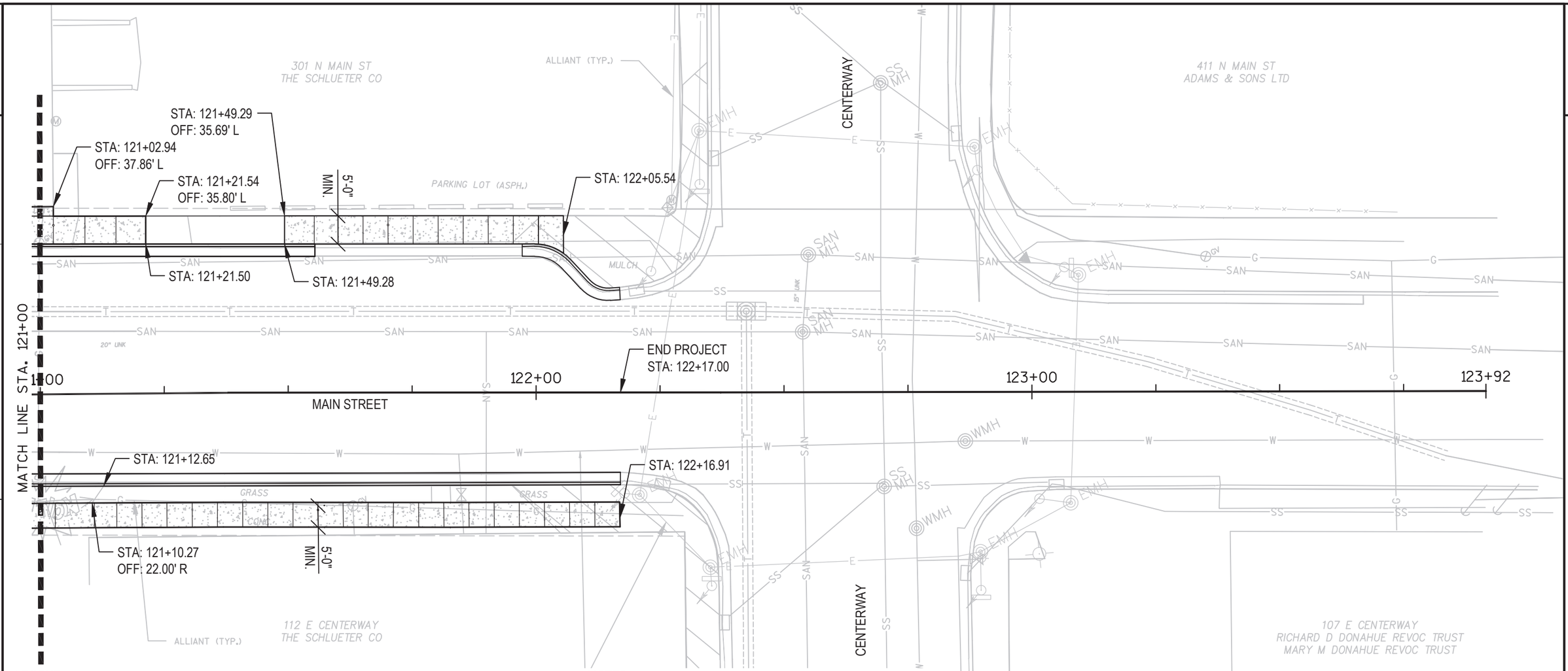
WISCONSIN
JARED A
CUNNINGHAM
635
SUN PRAIRIE,
WI
LANDSCAPE ARCHITECT
10/17/2014

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Layout and Materials Plan - STA 118+00 to STA 121+00	SHEET	E

FILE NAME : P:\50672.000\CAD\C\SHEET\SITE LAYOUT PLAN.DWG PLOT DATE : 12/17/2014 5:14 PM PLOT BY : JARED CUNNINGHAM PLOT NAME : PLOT SCALE : 1" = 20'

WISDOT/CADDS SHEET 45

2



LEGEND:

- CONCRETE SIDEWALK
- CONCRETE SIDEWALK, COLORED
- CONTROL JOINT
- EXPANSION JOINT
- COLD JOINT
- BICYCLE RACK
- TRASH RECEPTACLE
- BENCH, 6-FOOT, BACKED (FACE OF BENCH)
- BENCH, 6-FOOT, BACKLESS (FACE OF BENCH)
- DROP BOX (AS INDICATED)
- EXISTING PEDESTRIAN LIGHTING (SEE LIGHTING PLANS)
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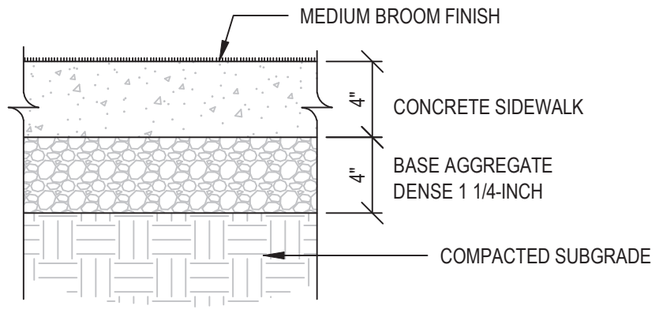
N

0 10' 20' 40'

SCALE: 1" = 20'-0"

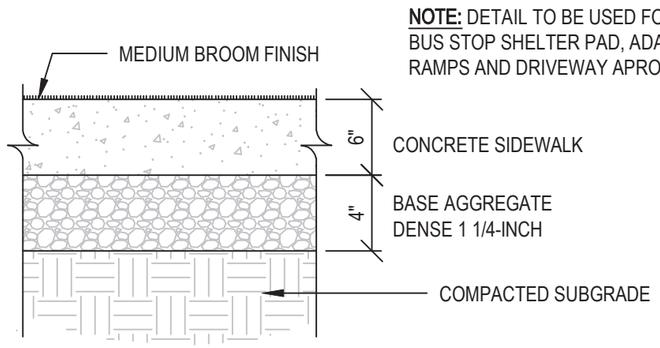
WISCONSIN
JARED A CUNNINGHAM
655
SUN PRAIRIE, WI
LANDSCAPE ARCHITECT
10/17/2014

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Layout and Materials Plan - STA 121+00 to STA 122+17	SHEET 72	E



1 CONCRETE SIDEWALK, 4-INCH

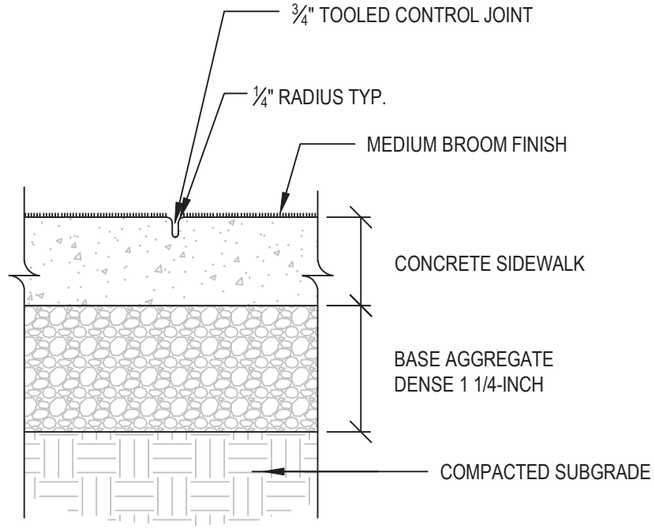
Scale: 1" = 1'-0"



NOTE: DETAIL TO BE USED FOR BUS STOP SHELTER PAD, ADA RAMPS AND DRIVEWAY APRONS.

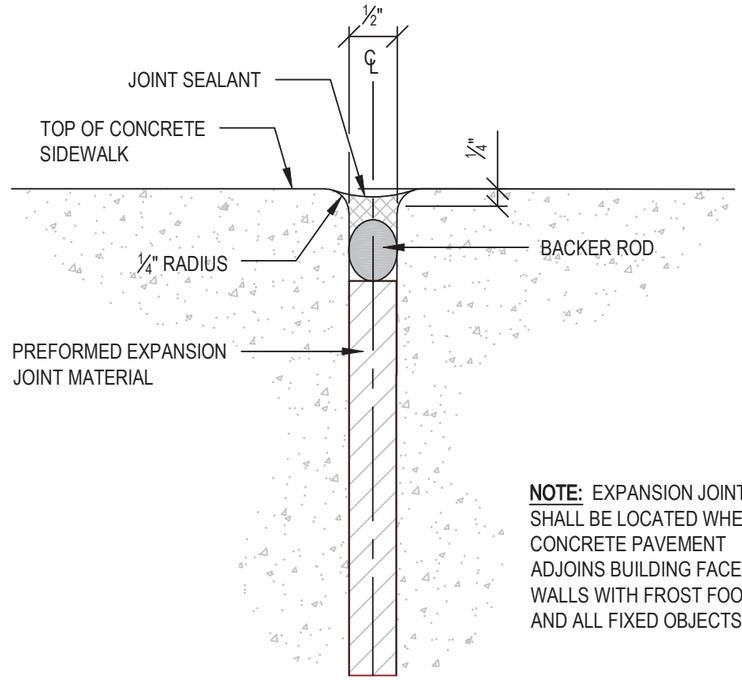
2 CONCRETE SIDEWALK, 6-INCH

Scale: 1" = 1'-0"



3 CONTROL JOINT

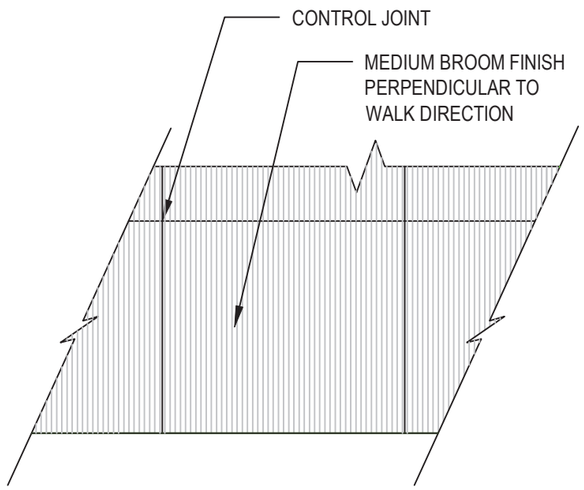
Scale: 1" = 1'-0"



NOTE: EXPANSION JOINTS SHALL BE LOCATED WHERE CONCRETE PAVEMENT ADJOINS BUILDING FACE AND WALLS WITH FROST FOOTINGS AND ALL FIXED OBJECTS.

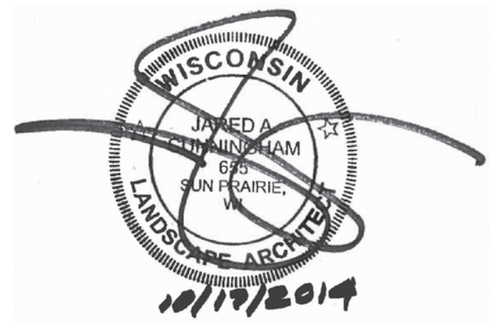
4 EXPANSION JOINT

Scale: 1" = 1'-0"

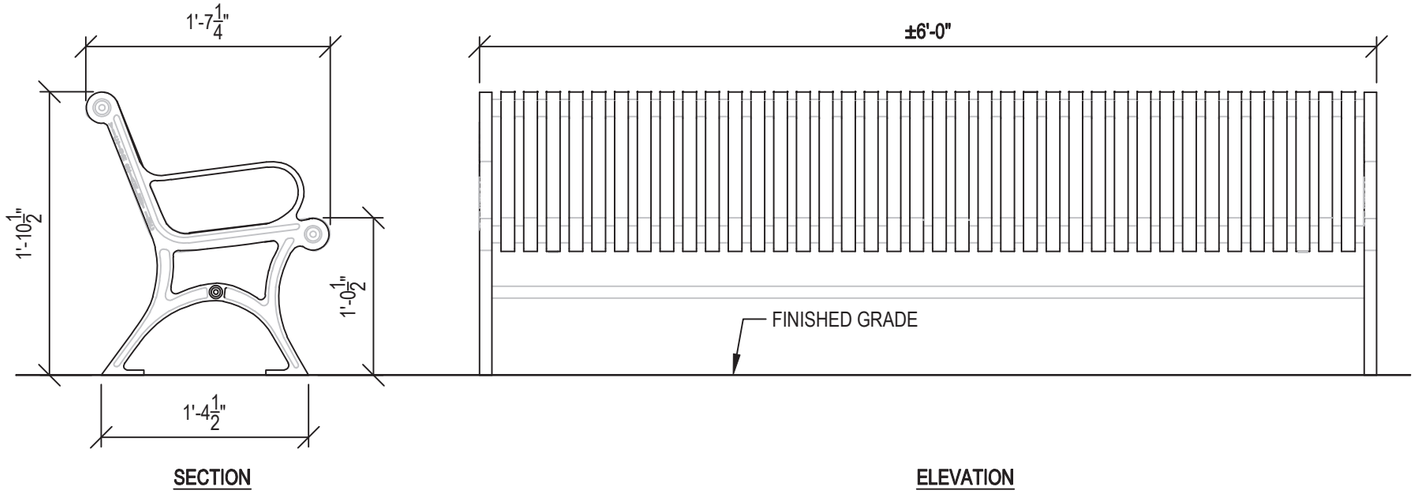


5 MEDIUM BROOM FINISH DETAIL

Scale: 1" = 1'-0"

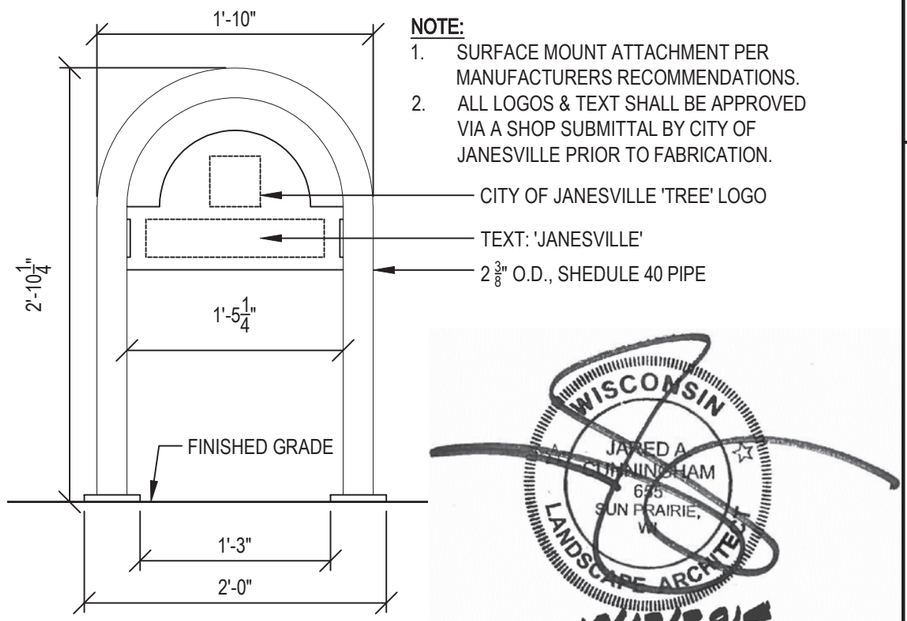


PROJECT NO:5990-01-20	HWY: MAIN STREET	COUNTY:ROCK COUNTY	Site Details	SHEET 73	E



1 BENCH, 6-FOOT, BACKED

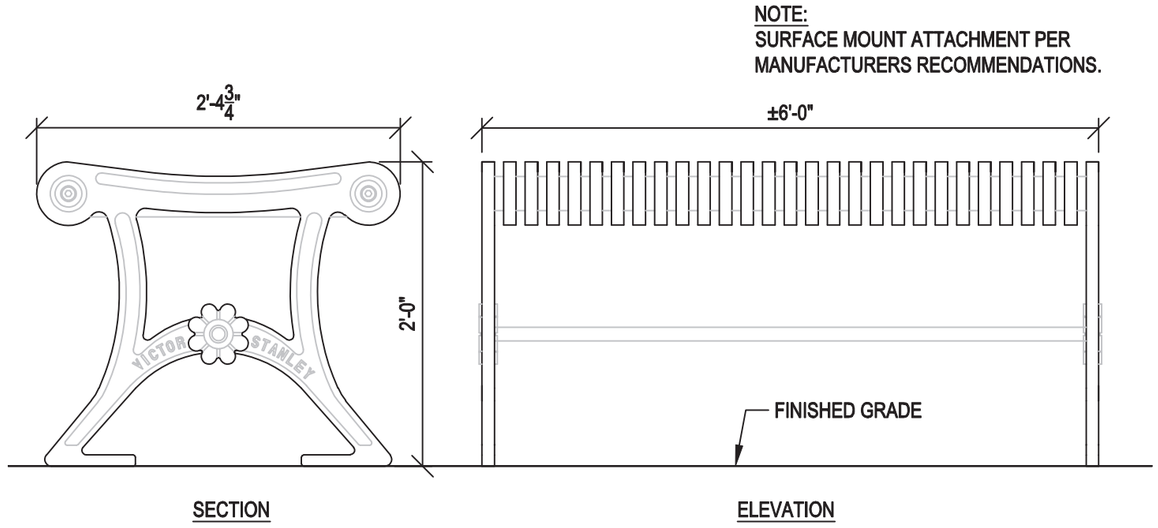
NOT TO SCALE



2 BICYCLE RACK

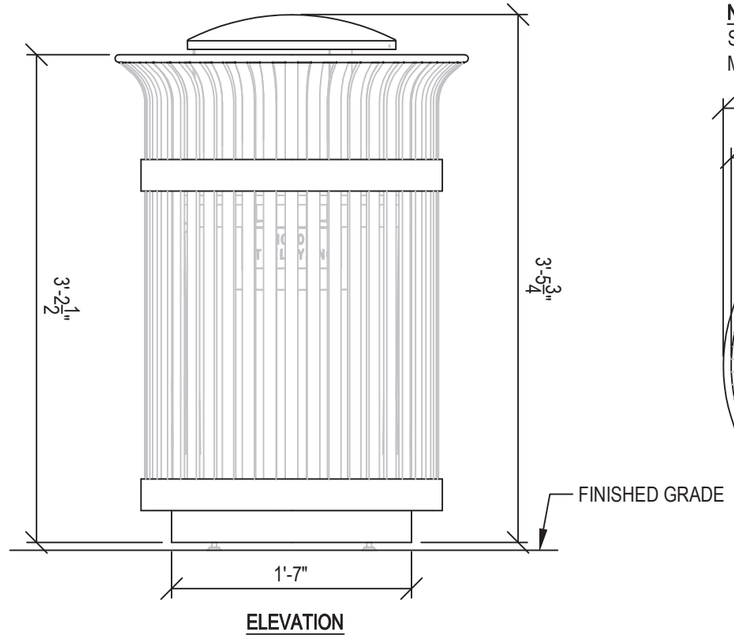
NOT TO SCALE

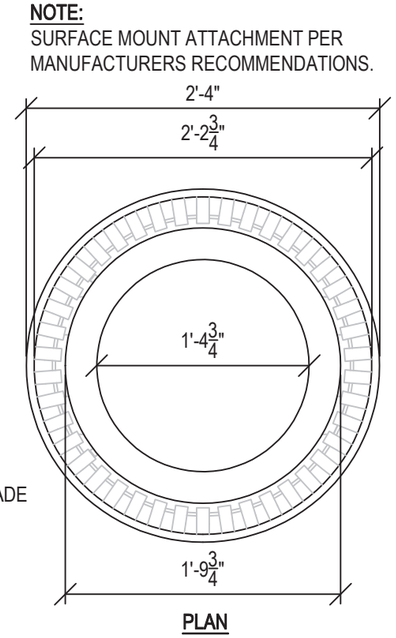




3 BENCH, 6-FOOT, BACKLESS

NOT TO SCALE

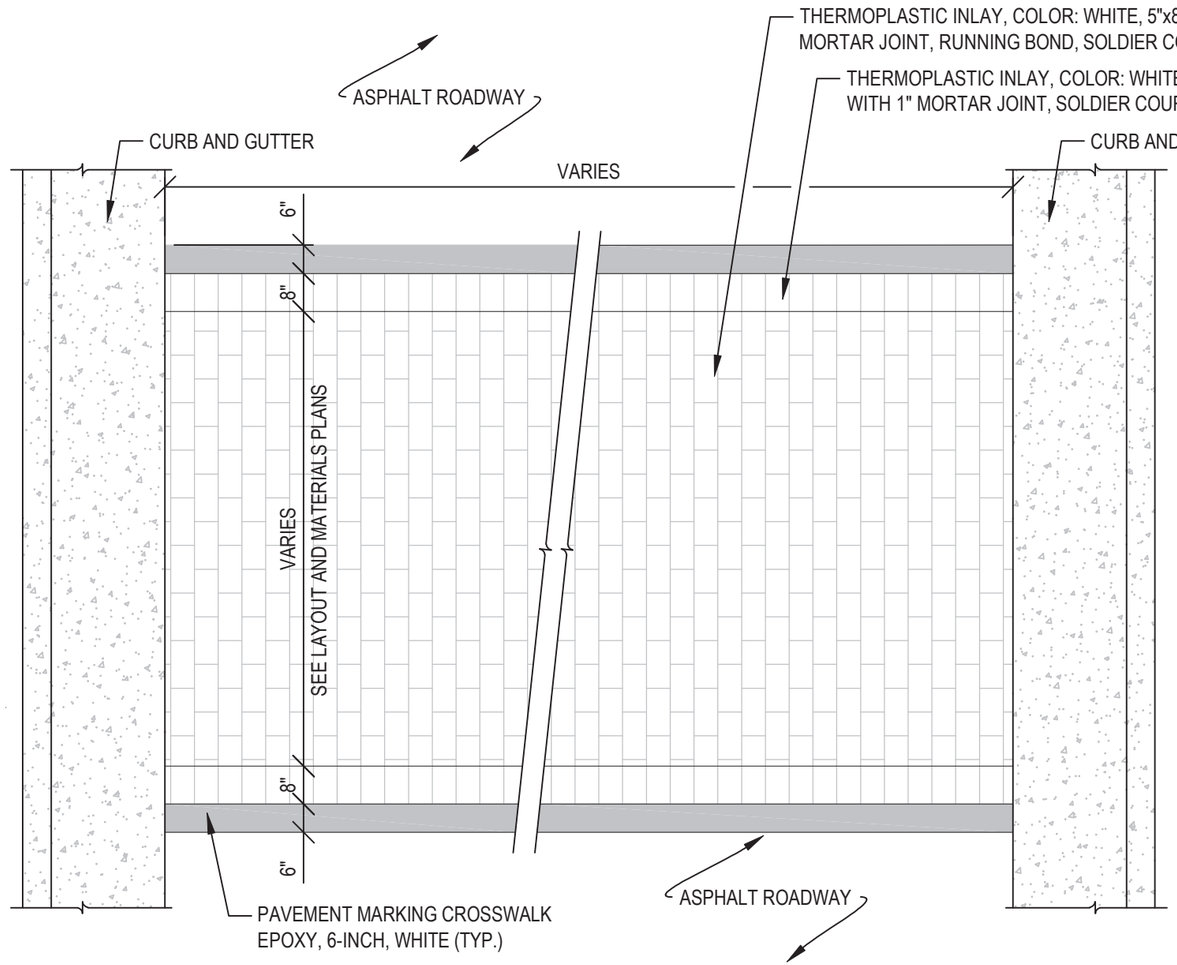




4 TRASH RECEPTACLE

NOT TO SCALE

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Furnishing Details	SHEET 74	E

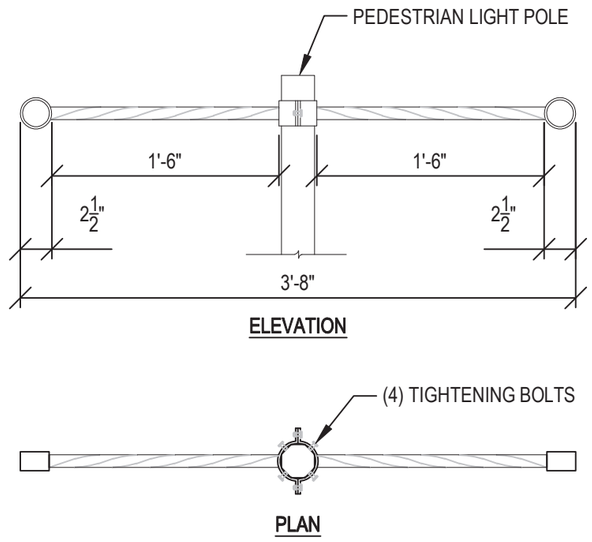


NOTES:

1. CROSSWALK PAVEMENT MARKINGS SHALL BE INSTALLED TO ABUT TO CURB AND GUTTER.
2. SEE LAYOUT AND MATERIALS PLANS FOR CROSSWALK LOCATIONS.

1 PAVEMENT MARKING, SPECIAL PREFORMED THERMOPLASTIC

NOT TO SCALE



NOTES:

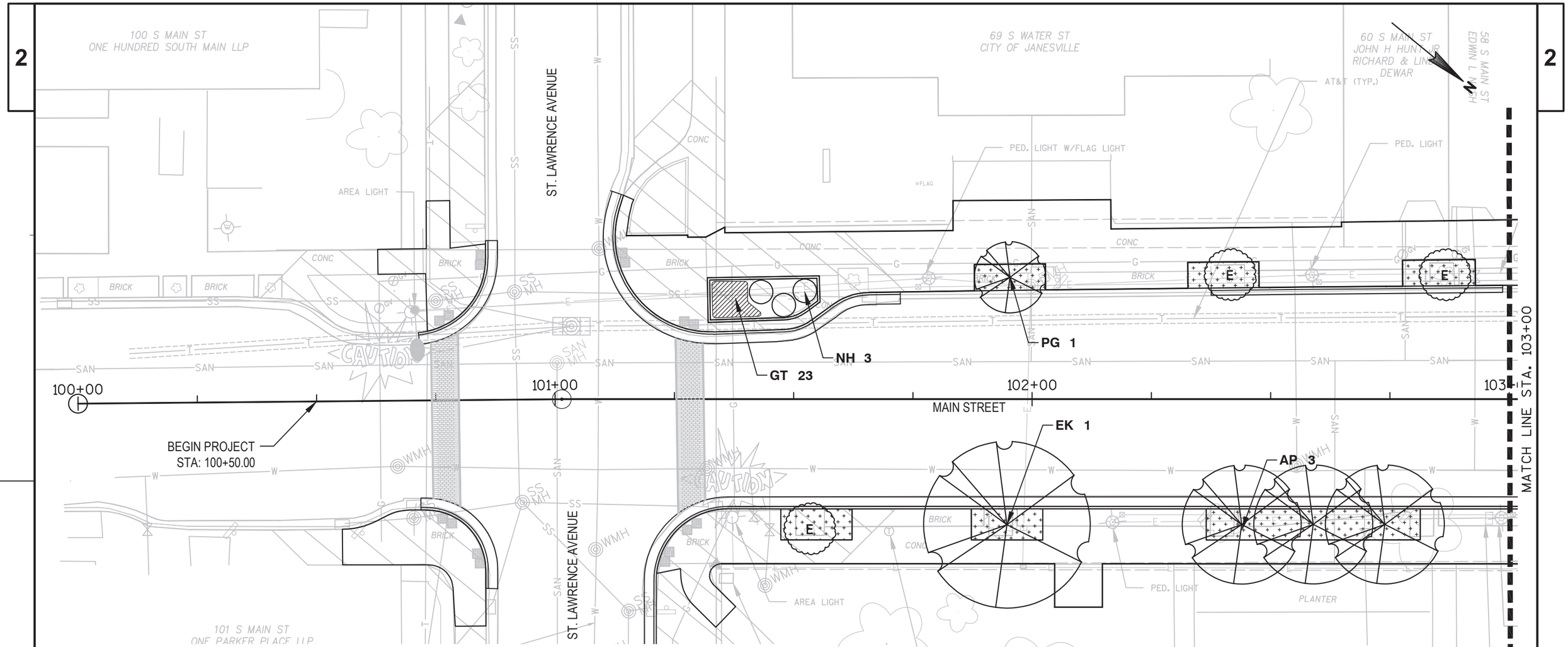
1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH THE SAMPLE BRACKET FROM STA 102+16.86, 25.79' RT.
2. BRACKET SHALL BE DESIGNED TO FIT EXISTING PEDESTRIAN LIGHT POST BY TRADITIONAL CONCRETE, INC., SKYLINER IV 400 SERIES POLE, D410-CB-PW-3T.

2 PEDESTRIAN POLE BRACKET ARM

SCALE: 1" = 1'-0"



PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Details	SHEET 75	E

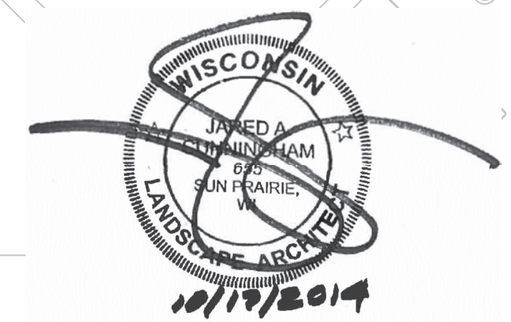


LEGEND:

- E — EXISTING TREE
- DECIDUOUS TREE
- ORNAMENTAL TREE
- SHRUB
- PERENNIALS/ BULBS
- SHREDDED HARDWOOD BARK MULCH
- SOD LAWN

NOTES:

1. CONTRACTOR SHALL CONTACT 811 TO LOCATE SITE UTILITIES PRIOR TO ANY CONSTRUCTION ACTIVITIES.
2. ALL RAISED PLANTERS AND AT GRADE TREE OPENINGS SHALL RECEIVE 3" OF MULCH.
3. CONTRACTOR SHALL SOD ALL AREAS DISTURBED NOT OTHERWISE SHOWN AS SOD OR PLANTED.
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PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Landscape Plan - STA 100+50 to STA 103+00	SHEET E

FILE NAME : P:\50672.000\CAD\C\SHEET\SITE LANDSCAPE PLAN.DWG PLOT DATE : 12/17/2014 5:17 PM PLOT BY : JARED CUNNINGHAM PLOT NAME : PLOT SCALE : ********

2

58 S MAIN ST
EDWIN L NASH

CITY OF JANESVILLE (TYP.)

54 S MAIN ST
DAVID W GRAHAM
TERRI L GRAHAM

CHARTER

50 S MAIN ST
KENT BLOCK
PROPERTIES LLC

38 S MAIN ST
DONALD C GROSENICK JR

34 S MAIN ST
DONALD C GROSENICK JR

32 S MAIN ST
DEE VAN RUYVEN

30 S MAIN ST
LLC

WEST COURT STREET

EAST COURT STREET

MAIN STREET

MATCH LINE STA. 103+00

MATCH LINE STA. 106+00

103+00

104+00

105+00

106+00

GAZETTE BOX

TRASH CONTAINER

PED. LIGHT

BENCH

AREA LIGHT

AT&T

CONC

BRICK

HC 6

MS 5

PG 1

FH 1

MS 8

CP 1

PG 1

PED. LIGHT

BIKE RACK

51 S MAIN ST
COUNTY OF ROCK

AREA LIGHT

BENCH

TRASH CONTAINER

PED. LIGHT

37 S MAIN ST
KIMBALL PROPERTIES 39 LLC

31 S MAIN ST
LARRY O BOZART
JONI L BOZART

29 S MAIN ST
AJC HOLDINGS LL

LEGEND:

E — EXISTING TREE	PERENNIALS/ BULBS
DECIDUOUS TREE	SHREDDED HARDWOOD BARK MULCH
	SOD LAWN
ORNAMENTAL TREE	
SHRUB	

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811 Know what's **below.** **Call** before you dig.

N

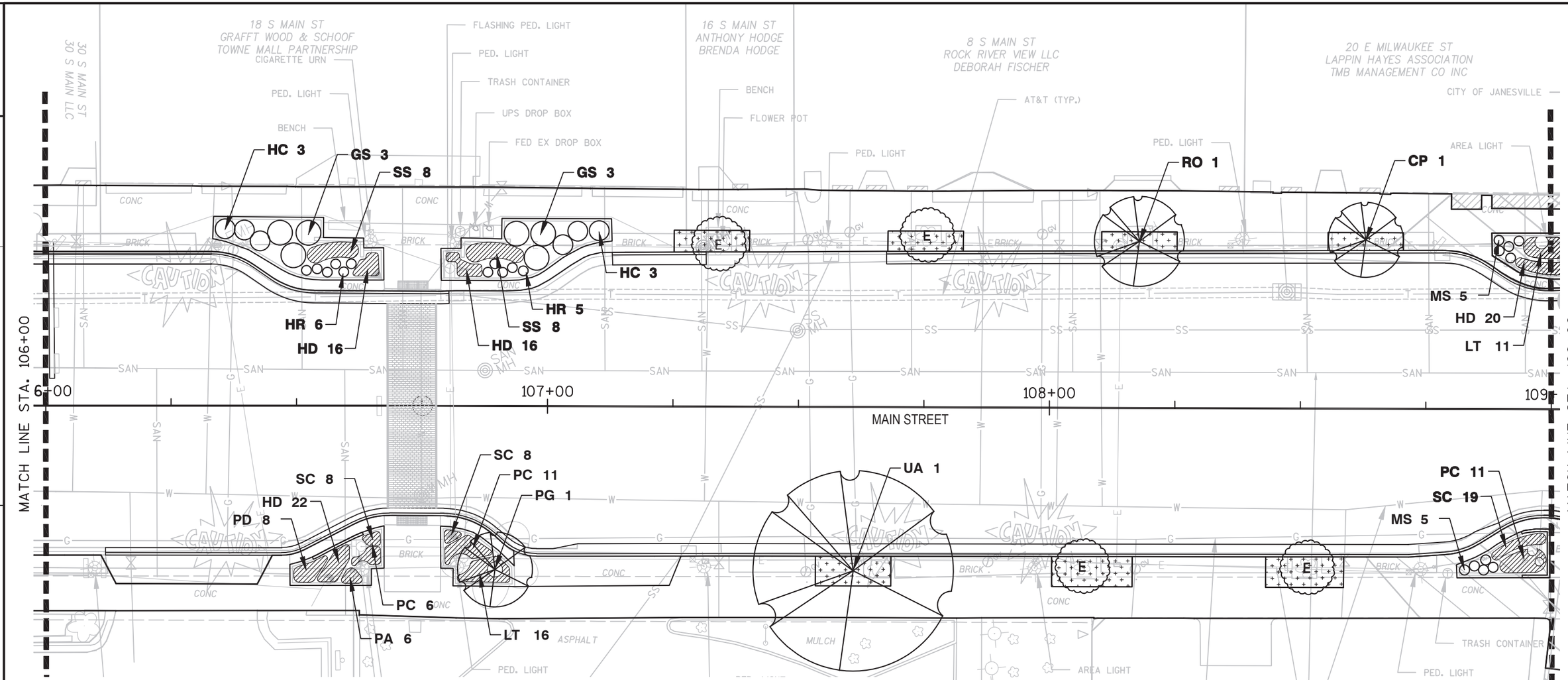
0 10' 20' 40'

SCALE: 1" = 20'-0"

WISCONSIN
JARED A CUNNINGHAM
655
SUN PRAIRIE, WI
LANDSCAPE ARCHITECT
10/17/2014

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Landscape Plan - STA 103+00 to STA 106+00	SHEET 77	E

2



LEGEND:

E	EXISTING TREE
	DECIDUOUS TREE
	ORNAMENTAL TREE
	SHRUB
	PERENNIALS/ BULBS
	SHREDDED HARDWOOD BARK MULCH
	SOD LAWN

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N

0 10' 20' 40'

SCALE: 1" = 20'-0"

WISCONSIN
JARED A CUNNINGHAM
655
SUN PRAIRIE, WI
LANDSCAPE ARCHITECT
10/17/2014

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Landscape Plan - STA 106+00 to STA 109+00	SHEET 78 E

2

MATCH LINE STA. 109+00

MATCH LINE STA. 112+00

WEST MILWAUKEE ST

EAST MILWAUKEE STREET

MAIN STREET

9+00

10+00

111+00

112+00

RO 1

CP 1

CP 1

CP 1

HR 5

NH 5

GS 7

HR 7

NH 4

MS 13

HR 10

SL 3

LT 53
*INTERMIX WITH (20) DAFFODIL BULBS

LT 53
*INTERMIX WITH (20) DAFFODIL BULBS

PG 1

PLANTER BOXES

LANDSCAPE ROCKS

TWO USPS DROP BOXES

TRASH CONTAINER

TRASH CONTAINER

WOOD BENCHES

PED. LIGHT

PED. LIGHT

PED. LIGHT

PED. LIGHT

YARD HYD.

AREA LIGHT

AREA LIGHT

BARBARA S OLEARY

20 E MILWAUKEE LAPPIN HAYES ASSOC TMB MANAGEMENT

101 E MILWAUKEE ST
101 MILWAUKEE STREET LLC

13 N PARKER DR
CITY OF JANESVILLE

16 N MAIN ST
BRUCE E MONSON
LYNN ML MONSON

18 N MAIN ST
BRUCE E MONSON
LYNN ML MONSON

22 N MAIN ST
WISCONSIN LODGE 14 IOOF

24 N MAIN ST
SPIRITS OF JANESVILLE LLC

LEGEND:

E — EXISTING TREE	PERENNIALS/ BULBS
DECIDUOUS TREE	SHREDDED HARDWOOD BARK MULCH
ORNAMENTAL TREE	SOD LAWN
SHRUB	

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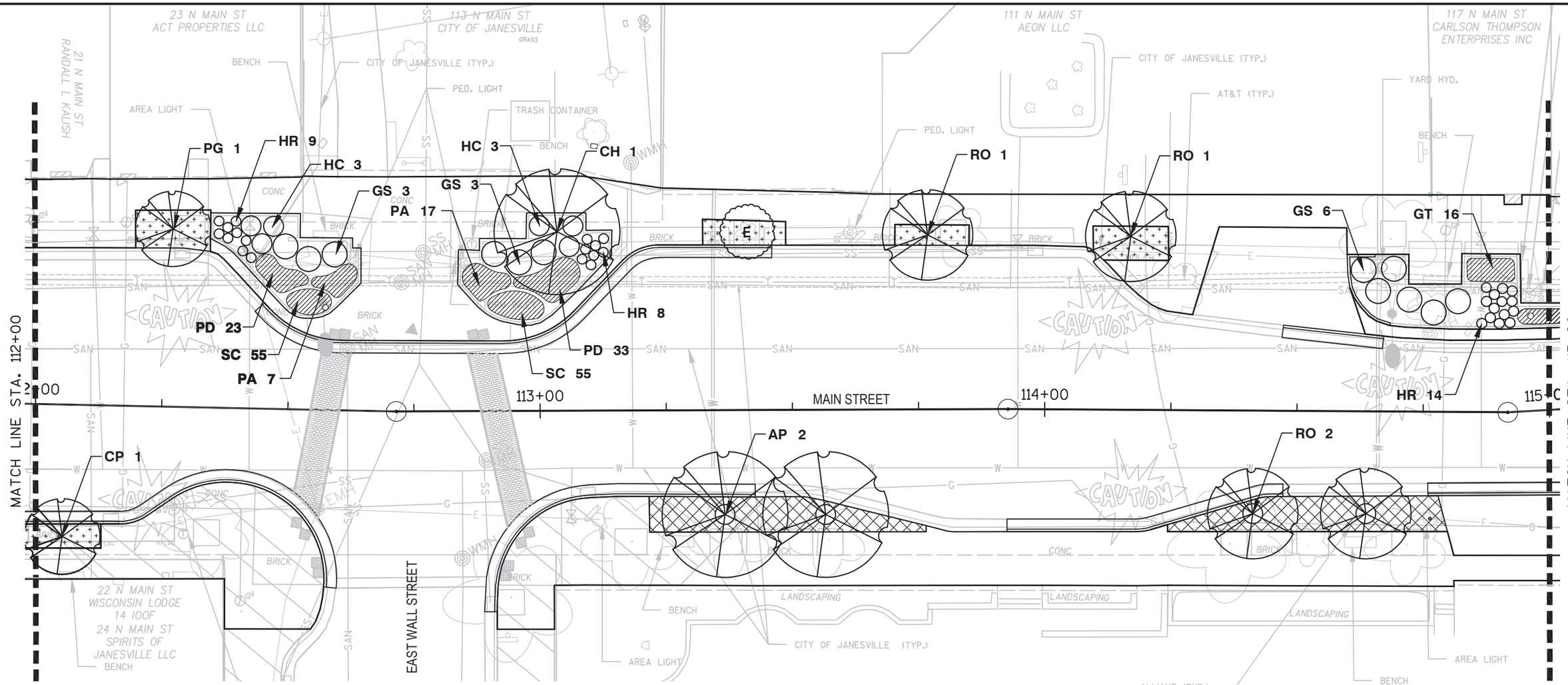
0 10' 20' 40'

SCALE: 1" = 20'-0"

WISCONSIN
JARED A CUNNINGHAM
625
SUN PRAIRIE, WI
LANDSCAPE ARCHITECT
12/17/2014

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Landscape Plan - STA 109+00 to STA 112+00	SHEET 79	E

2



LEGEND:

E	EXISTING TREE
	DECIDUOUS TREE
	ORNAMENTAL TREE
	SHRUB
	PERENNIALS/ BULBS
	SHREDDED HARDWOOD BARK MULCH
	SOD LAWN

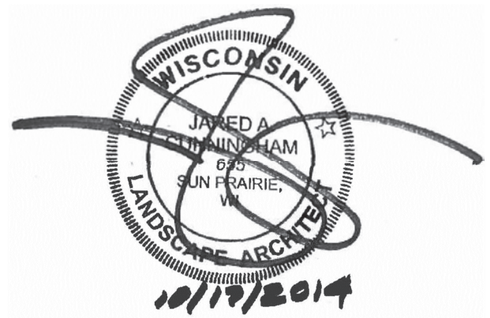
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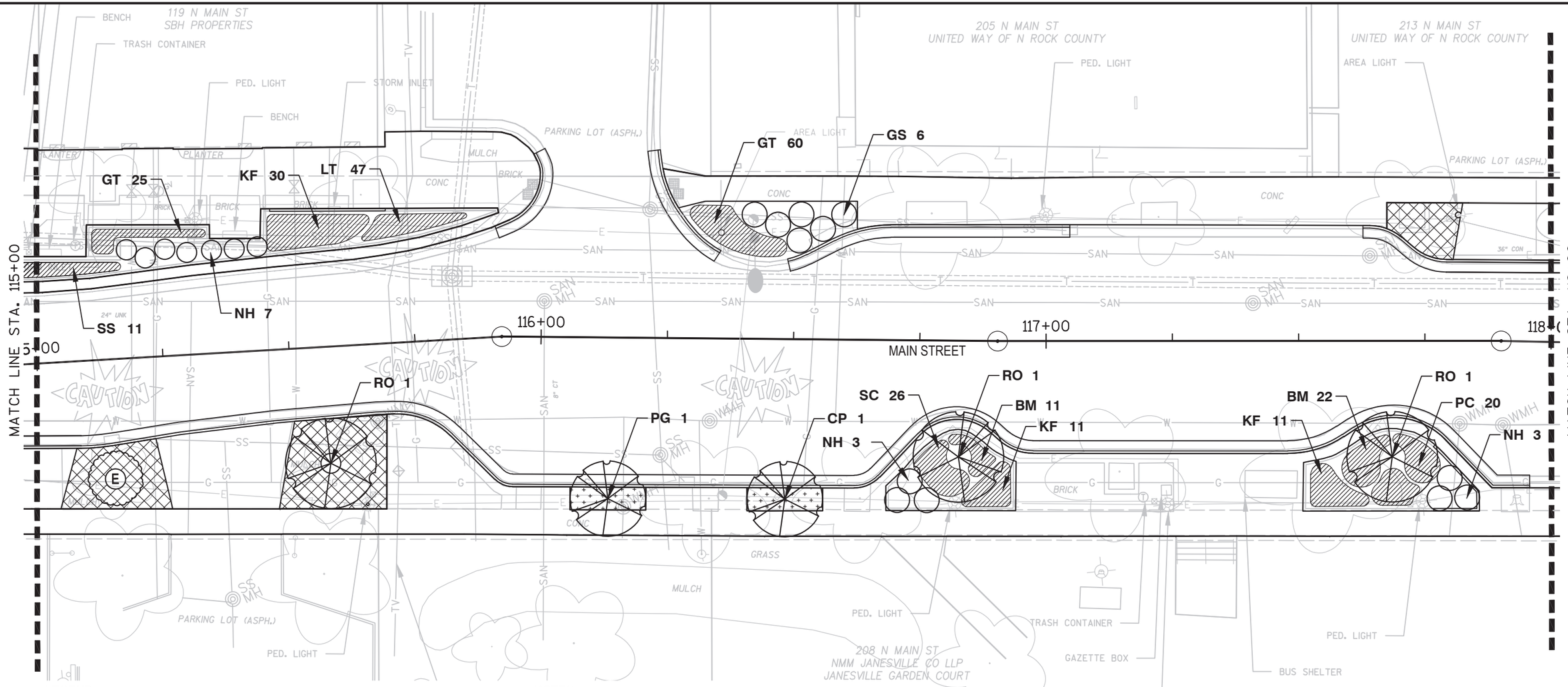
0 10' 20' 40'

SCALE: 1" = 20'-0"



PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Landscape Plan - STA 112+00 to STA 115+00	SHEET 80	E

2



LEGEND:

E — EXISTING TREE

DECIDUOUS TREE

ORNAMENTAL TREE

SHRUB

PERENNIALS/ BULBS

SHREDDED HARDWOOD BARK MULCH

SOD LAWN

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N

0 10' 20' 40'

SCALE: 1" = 20'-0"

WISCONSIN
JARED A. CUNNINGHAM
635
SUN PRAIRIE, WI
LANDSCAPE ARCHITECT
10/17/2014

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Landscape Plan - STA 115+00 to STA 118+00	SHEET 81	E

2

213 N MAIN ST
UNITED WAY OF
N ROCK COUNTY

225 N MAIN ST
CITY OF JANESVILLE

301 N MAIN ST
THE SCHLUETER CO

CITY OF JANESVILLE

MATCH LINE STA. 118+00

MATCH LINE STA. 121+00

FH 1

SL 1

AREA LIGHT

ASPHALT

AT&T

WMH

BRICK

CONC

MULCH

SAN

SS

W

T

G

E

118+00

119+00

120+00

121+00

MAIN STREET

GT 35

GS 4

PG 1

CP 1

HC 11

CONC

RED STONE

RIVER STONE

AREA LIGHT

PEASE COURT

208 N MAIN ST

112 E CENTERWAY
THE SCHLUETER CO

LEGEND:

E — EXISTING TREE

DECIDUOUS TREE

ORNAMENTAL TREE

SHRUB

PERENNIALS/ BULBS

SHREDDED HARDWOOD BARK MULCH

SOD LAWN

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WISCONSIN
JARED A. CUNNINGHAM
635
SUN PRAIRIE, WI
LANDSCAPE ARCHITECT
10/17/2014

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Landscape Plan - STA 118+00 to STA 121+00	SHEET 82	E

2

301 N MAIN ST
THE SCHLUETER CO

ALLIANT (TYP.)

PARKING LOT (ASPH.)

MULCH

CENTERWAY

411 N MAIN ST
ADAMS & SONS LTD

MATCH LINE STA. 121+00

121+00

122+00

123+00

123+92

MAIN STREET

CONC

ALLIANT (TYP.)

112 E CENTERWAY
THE SCHLUETER CO

CENTERWAY

107 E CENTERWAY
RICHARD D DONAHUE REVOC TRUST
MARY M DONAHUE REVOC TRUST

LEGEND:

E	EXISTING TREE
	DECIDUOUS TREE
	ORNAMENTAL TREE
	SHRUB
	PERENNIALS/ BULBS
	SHREDDED HARDWOOD BARK MULCH
	SOD LAWN

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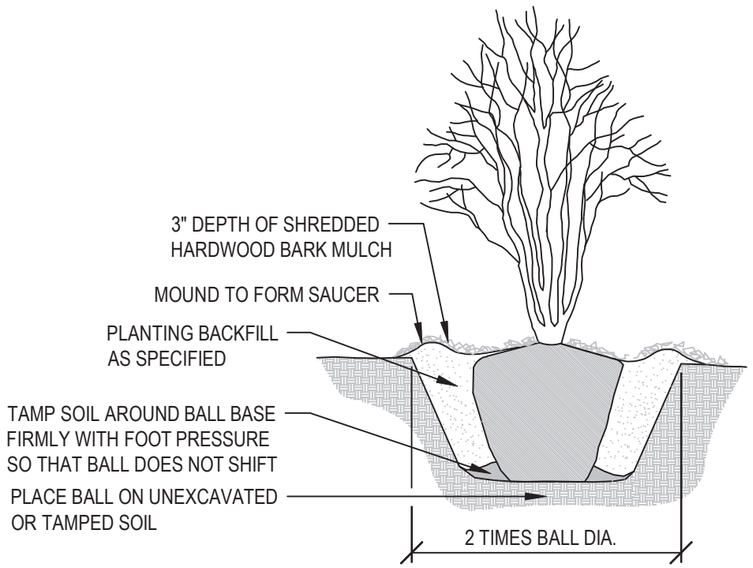
0 10' 20' 40'

SCALE: 1" = 20'-0"

WISCONSIN
JARED A CUNNINGHAM
655
SUN PRAIRIE, WI
LANDSCAPE ARCHITECT
10/17/2014

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Site Landscape Plan - STA 121+00 to STA 122+17	SHEET 83	E

PLANT ITEM														
Symbol	Common Name	Scientific Name	Type	*Size When Planted	Spacing When Planted	Root Zone Method	Minimum Size				Brace or Guy	Fertilizer Unites Required	Rodent Protection Required	Mulch Ring Diameter
							Ball / Pot Size	Ball / Pot Depth	Plant Hole Diameter	Plant Hole Depth				
Deciduous Trees														
PG	Ginkgo, Princeton Sentry	Ginkgo biloba 'Princeton Sentry'	1	2-1/2" Cal.	As Shown	B&B	28"	19"	52"	19"	No	No	No	64"
CH	Hawthorn, Crusader	Crataegus crus-galli 'Cruzam'	3	2" Cal.	As Shown	B&B	24"	16"	48"	16"	No	No	No	60"
FH	Horsechestnut, Fruitless	Aesculus hippocastanum 'Baumannii'	1	2-1/2" Cal.	As Shown	B&B	28"	19"	52"	19"	No	No	No	64"
EK	Kentucky Coffeetree, Espresso	Gymnocladus dioica 'Espresso'	2	2" Cal.	As Shown	B&B	24"	16"	48"	16"	No	No	No	60"
SL	Lilac, Snowcap Japanese Tree	Syringa reticulata 'Snowcap'	3	2" Cal.	As Shown	B&B	24"	16"	48"	16"	No	No	No	60"
AP	Pear, Autumn Blaze	Pyrus calleryana 'Autumn Blaze'	3	2-1/2" Cal.	As Shown	B&B	28"	19"	52"	19"	No	No	No	64"
CP	Pear, Cleveland Select	Pyrus calleryana 'Chanticleer'	3	2-1/2" Cal.	As Shown	B&B	28"	19"	52"	19"	No	No	No	64"
RO	Oak, Regal Prince	Quercus robur fastigiata x bicolor 'Long'	1	2" Cal.	As Shown	B&B	24"	16"	48"	16"	No	No	No	60"
UA	Elm, New Harmony	Ulmus americana 'New Harmony'	1	2" Cal.	As Shown	B&B	24"	16"	48"	16"	No	No	No	60"
Deciduous Shrubs														
HC	Coralberry, Hancock	Symphoricarpos x chenaultii 'Hancock'	-	#3 Cont.	48"	CG	-	-	-	-	No	No	No	Mulched in Bed
NH	Honeysuckle, Northern Bush	Diervilla lonicera	-	#3 Cont.	48"	CG	-	-	-	-	No	No	No	Mulched in Bed
HR	Rose, Henry Hudson	Rosa rugosa 'Henry Hudson'	-	#3 Cont.	24"	CG	-	-	-	-	No	No	No	Mulched in Bed
MS	Spirea, Magic Carpet	Spiraea japonica 'Magic Carpet'	-	#3 Cont.	24"	CG	-	-	-	-	No	No	No	Mulched in Bed
GS	Sumac, Gro-Low Fragrant	Rhus aromatica ‘Gro-Low’	-	#5 Cont.	60"	CG	-	-	-	-	No	No	No	Mulched in Bed
Perennials														
PA	Aster, Purple Dome	Symphyotrichum novae-angliae 'Purple Dome'	-	#1 Cont.	18"	CG	-	-	-	-	No	No	No	Mulched in Bed
SC	Chive, Summer Beauty	Allium tanguticum 'Summer Beauty'	-	#1 Cont.	12"	CG	-	-	-	-	No	No	No	Mulched in Bed
PC	Coneflower, Little Giant	Echinacea purpurea 'Little Giant'	-	#1 Cont.	18"	CG	-	-	-	-	No	No	No	Mulched in Bed
HD	Daylily, Happy Returns	Hemerocallis 'Happy Returns'	-	#1 Cont.	18"	CG	-	-	-	-	No	No	No	Mulched in Bed
PD	Dropseed, Prairie	Sporobolus heterolepis	-	#1 Cont.	18"	CG	-	-	-	-	No	No	No	Mulched in Bed
KF	Feather Reed Grass, Karl Foerster	Calamagrostis x acutiflora 'Karl Foerster'	-	#1 Cont.	24"	CG	-	-	-	-	No	No	No	Mulched in Bed
LT	Lilyturf	Liriope spicata	-	#SP04 Cont.	12"	CG	-	-	-	-	No	No	No	Mulched in Bed
BM	Milkweed, Butterfly	Asclepias tuberosa	-	#1 Cont.	18"	CG	-	-	-	-	No	No	No	Mulched in Bed
SS	Switchgrass, Shenandoah	Panicum virgatum 'Shenandoah'	-	#1 Cont.	24"	CG	-	-	-	-	No	No	No	Mulched in Bed
GT	Tufted Hairgrass, Gold Dew	Deschampsia cespitosa 'Gold Tau'	-	#1 Cont.	18"	CG	-	-	-	-	No	No	No	Mulched in Bed
MD	Daffodil, Mixed	Narcissus sp.	-	#1 Cont.	Naturalized	CG	-	-	-	-	No	No	No	Mulched in Bed



NOTES:

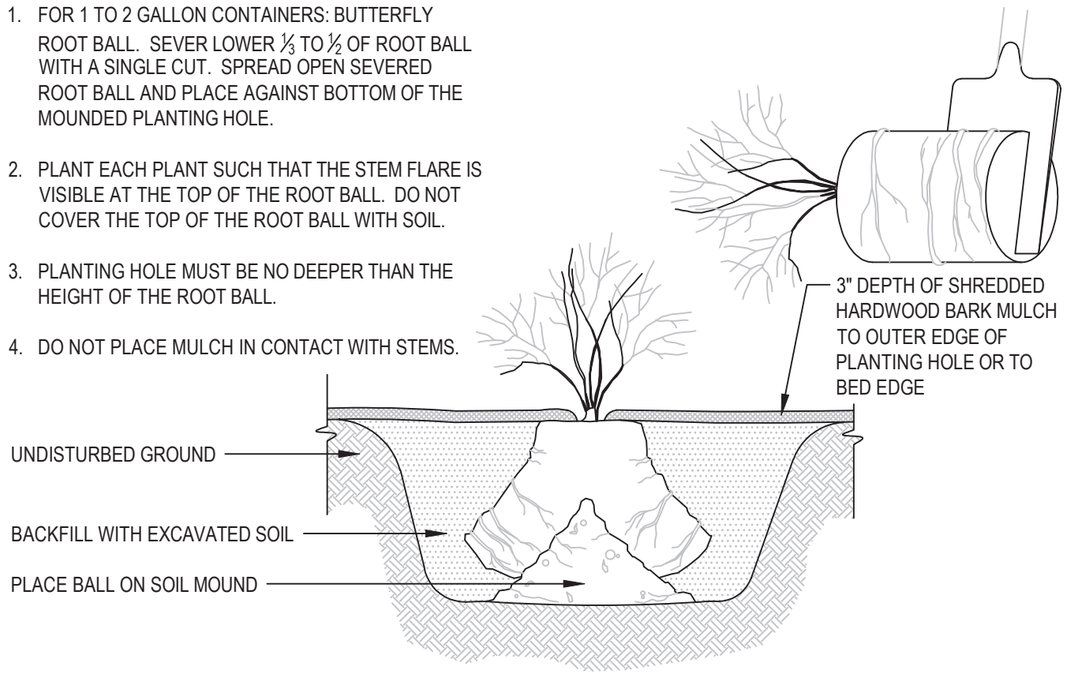
1. PLANT EACH TREE SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
2. IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT THE WIRE BASKET AND REMOVE COMPLETELY FROM ROOT BALL. REMOVE TWINE, ROPE, AND BURLAP ENTIRELY FROM ROOT BALL.
3. DO NOT PLACE MULCH IN CONTACT WITH TRUNK.
4. PRUNE ONLY TO REMOVE DEAD OR BROKEN BRANCHES.

1 ORNAMENTAL TREE PLANTING DETAIL

Scale: 3/16" = 1'-0"

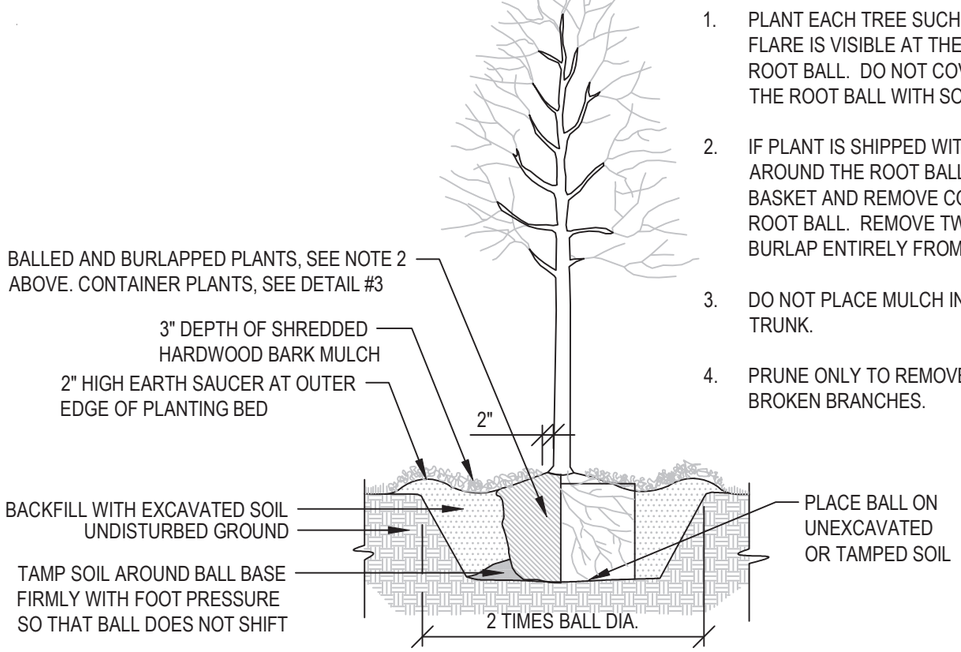
NOTES:

1. FOR 1 TO 2 GALLON CONTAINERS: BUTTERFLY ROOT BALL. SEVER LOWER ⅓ TO ½ OF ROOT BALL WITH A SINGLE CUT. SPREAD OPEN SEVERED ROOT BALL AND PLACE AGAINST BOTTOM OF THE MOUNDED PLANTING HOLE.
2. PLANT EACH PLANT SUCH THAT THE STEM FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
3. PLANTING HOLE MUST BE NO DEEPER THAN THE HEIGHT OF THE ROOT BALL.
4. DO NOT PLACE MULCH IN CONTACT WITH STEMS.



2 SMALL CONTAINER SHRUB PLANTING DETAIL

Scale: 3/8" = 1'-0"

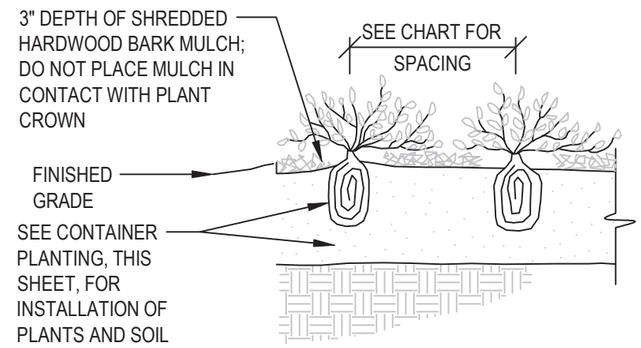


NOTES:

1. PLANT EACH TREE SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
2. IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT THE WIRE BASKET AND REMOVE COMPLETELY FROM ROOT BALL. REMOVE TWINE, ROPE, AND BURLAP ENTIRELY FROM ROOT BALL.
3. DO NOT PLACE MULCH IN CONTACT WITH TRUNK.
4. PRUNE ONLY TO REMOVE DEAD OR BROKEN BRANCHES.

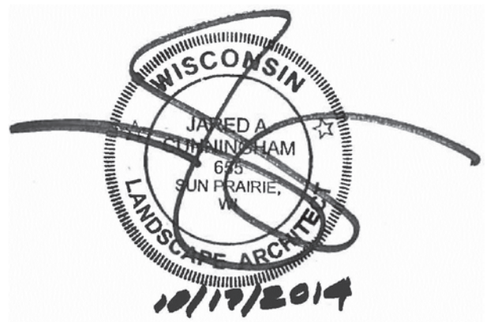
3 DECIDUOUS TREE PLANTING DETAIL

Scale: 3/8" = 1'-0"

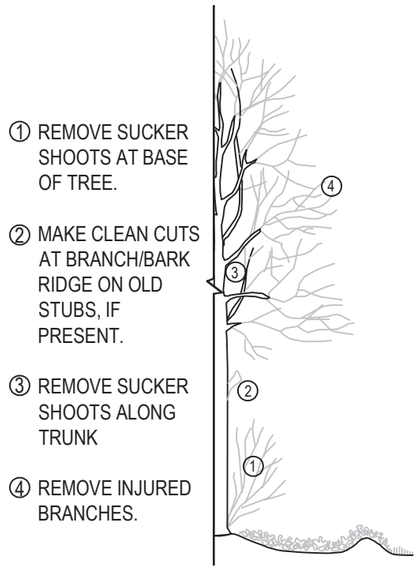


4 PERENNIAL PLANTING DETAIL

Scale: 3/8" = 1'-0"

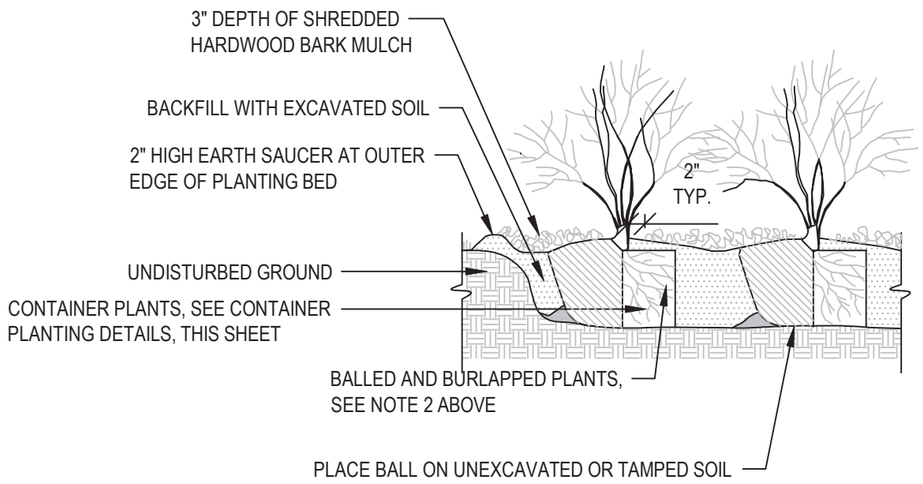


PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK COUNTY	Landscape Details	SHEET 85	E



1 TREE PRUNING DETAIL

Scale: 3/8" = 1'-0"

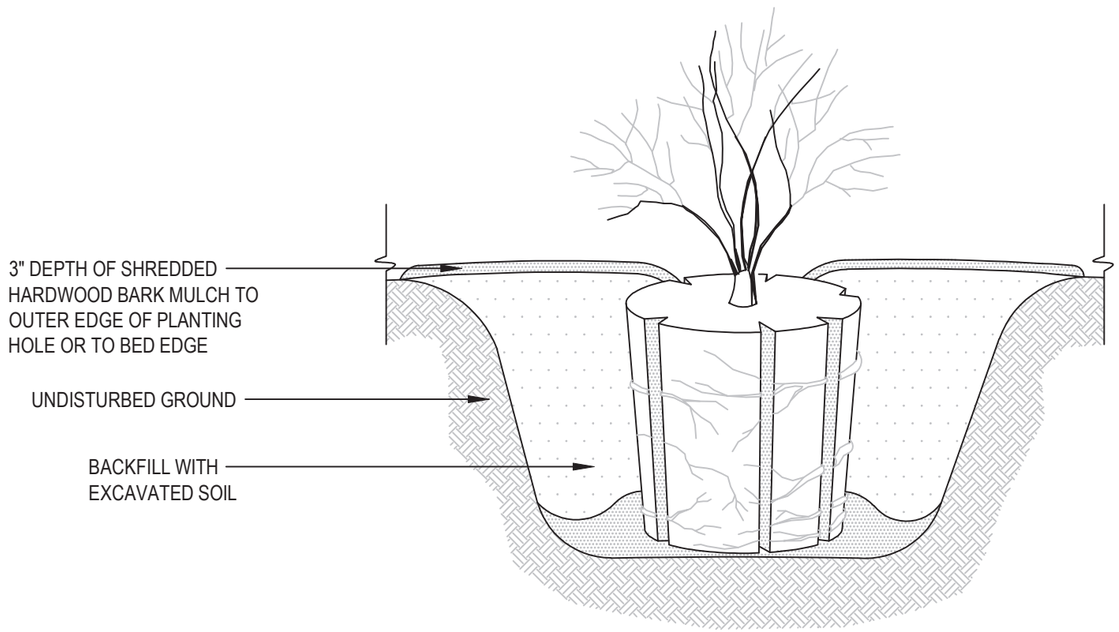


NOTES:

1. PLANT EACH SHRUB SUCH THAT THE ROOT COLLAR IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
2. IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT THE WIRE BASKET AND REMOVE COMPLETELY FROM ROOT BALL. REMOVE TWINE, ROPE, AND BURLAP ENTIRELY FROM ROOT BALL.
3. DO NOT PLACE MULCH IN CONTACT WITH STEMS.

2 SHRUB PLANTING DETAIL

Scale: 3/8" = 1'-0"



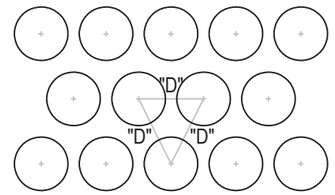
NOTES:

1. FOR 3 TO 10 GALLON CONTAINERS: MAKE 1" - 2" DEEP VERTICAL CUTS EVERY 6" AROUND THE CIRCUMFERENCE OF THE ROOT BALL BEFORE PLANTING.
2. PLANT EACH PLANT SUCH THAT THE STEM FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
3. PLANTING HOLE MUST BE NO DEEPER THAN THE HEIGHT OF THE ROOT BALL.
4. DO NOT PLACE MULCH IN CONTACT WITH STEMS.

3 LARGE CONTAINTER SHRUB PLANTING DETAIL

Scale: 3/8" = 1'-0"

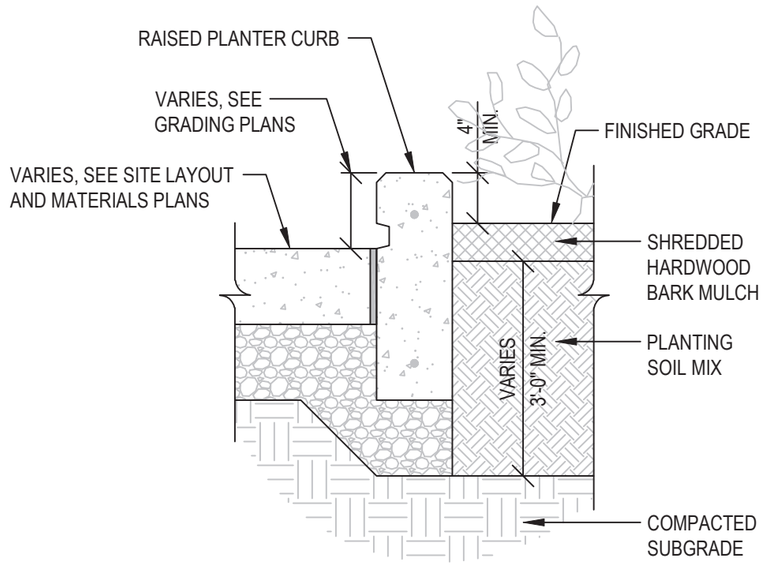




D = DIMENSION OF PLANT SPACING AS INDICATED ON PLANT LIST AND/OR PLAN VIEW

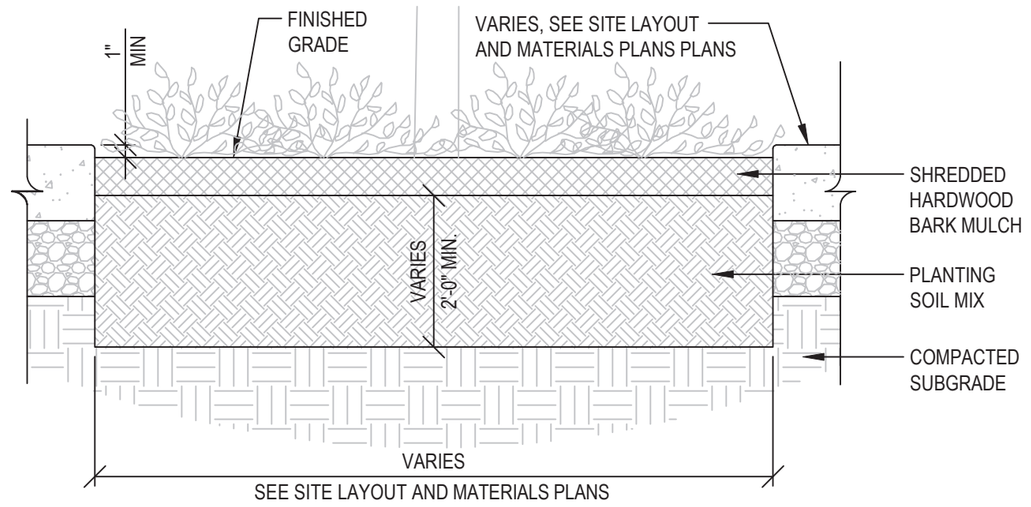
4 PLANT SPACING DETAIL

Scale: 3/8" = 1'-0"



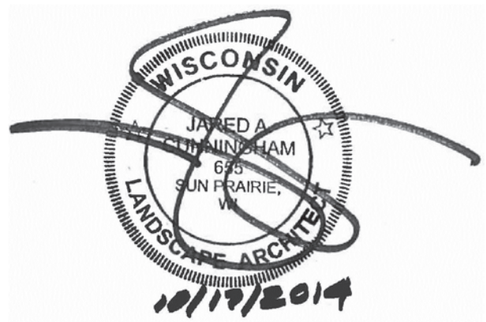
1 RAISED PLANTER SECTION

Scale: 1" = 1'-0"



2 AT GRADE PLANTER SECTION

Scale: 1" = 1'-0"



PROJECT NO:5990-01-20	HWY:MAIN STREET	COUNTY:ROCK COUNTY	Landscape Details	SHEET	E

FILE NAME : P:\50672.000\CAD\C\SHEET\LANDSCAPE DETAILS.DWG PLOT DATE : 12/17/2014 5:20 PM PLOT BY : JARED CUNNINGHAM PLOT NAME : PLOT SCALE : ********

NOTE: CONTACT DENNIS RYAN, CITY OF JANESVILLE, AT 608-755-3171 PRIOR TO MARKING PARKING STALLS AND PRIOR TO PLACEMENT OF NEW SIGNS.

1.1 S MAIN ST — INSTALL CITY SUPPLIED STREET NAME SIGN
D3-1 24"X8"

1.2 ST LAWRENCE AVE — INSTALL CITY SUPPLIED STREET NAME SIGN
D3-1 24"X8"

1.3 STOP
R1-1 30" X 30"

1.4 TWO HOUR PARKING
R7-5R (MOD.) 18"X24"

1.5 TWO HOUR PARKING
R7-5D (MOD.) 18"X24"

1.6 TWO HOUR PARKING
R7-5D (MOD.) 18"X24"

1.7 ONE WAY
R6-2L 24"X30"

1.8 ONE WAY
R6-2R 24"X30"

1.9 ONE WAY
R6-2L 24"X30"

1.10 STOP
R1-1F 30" X 30"

1.11 ONE HOUR PARKING
R7-5R (MOD.) 18"X24"

1.12 STOP
R1-1 30" X 30"

1.13 TWO HOUR PARKING
R7-5L (MOD.) 18"X24"

1.14 P PARKING
D4-1 30"X24"

1.15 TWO HOUR PARKING
R7-5R (MOD.) 18"X24"

1.16 NO PARKING HERE TO CORNER
R7-5L 18"X24"

1.17 ONLY ONLY
R3-8D 36"X30"

1.18 ONE WAY
R6-2R 24"X30"

1.19 STOP
R1-1F 30" X 30"

1.20 ONE WAY
R6-2L 24"X30"

1.21 SPEED LIMIT 30
R2-1 24"X30"

1.22 ONE HOUR PARKING
R7-5L (MOD.) 18"X24"

1.23 ONE WAY
R6-2R 24"X30"

1.24 ONE HOUR PARKING
R7-5D (MOD.) 18"X24"
(TO REMAIN)

1.25 STOP
R1-1F 30" X 30"
(TO REMAIN)

1.26 STOP
R1-1F 30" X 30"

ST. LAWRENCE AVE.

E. COURT ST.

MAIN ST.

MATCHLINE STA. 106+00

LEGEND

A PAVEMENT MARKING EPOXY 4-INCH, DOUBLE YELLOW	H PAVEMENT MARKING STOP LINE EPOXY 12-INCH
B PAVEMENT MARKING EPOXY 4-INCH, WHITE, 2' LINE, 6' GAP	I PAVEMENT MARKING ARROWS EPOXY TYPE 1
C PAVEMENT MARKING EPOXY 4-INCH, WHITE, 12.5' LINE, 27.5' GAP	J PAVEMENT MARKING ARROWS EPOXY TYPE 2
D PAVEMENT MARKING EPOXY 4-INCH, YELLOW, 12.5' LINE, 27.5' GAP	L PAVEMENT MARKING WORDS EPOXY
E PAVEMENT MARKING PARKING STALL EPOXY, 4-INCH, WHITE	M PAVEMENT MARKING CROSSWALK EPOXY 18-INCH
F PAVEMENT MARKING CROSSWALK EPOXY 6-INCH	PAVEMENT MARKING, SPECIAL, PREFORMED THERMOPLASTIC
G PAVEMENT MARKING EPOXY 8-INCH, WHITE	

NOTE: ALL EXISTING SIGNS AND POSTS WITHIN THE PROJECT LIMITS TO BE REMOVED BY THE CONTRACTOR UNLESS OTHERWISE NOTED. EXISTING SIGNS TO BE SALVAGED AND STOCKPILED FOR CITY PICKUP.

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PERMANENT SIGNING AND PAVEMENT MARKINGS	SHEET 88	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\SIGNING AND PAVEMENT MARKINGS.DWG PLOT DATE : 1/9/2015 8:50 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

NOTE: ALL EXISTING SIGNS AND POSTS WITHIN THE PROJECT LIMITS TO BE REMOVED BY THE CONTRACTOR UNLESS OTHERWISE NOTED. EXISTING SIGNS TO BE SALVAGED AND STOCKPILED FOR CITY PICKUP.

NOTE: CONTACT DENNIS RYAN, CITY OF JANESVILLE, AT 608-755-3171 PRIOR TO MARKING PARKING STALLS AND PRIOR TO PLACEMENT OF NEW SIGNS.

REMOVE OVERHEAD SIGN SUPPORT AND BASE

LEGEND

- A PAVEMENT MARKING EPOXY 4-INCH, DOUBLE YELLOW
- B PAVEMENT MARKING EPOXY 4-INCH, WHITE, 2' LINE, 6' GAP
- C PAVEMENT MARKING EPOXY 4-INCH, WHITE, 12.5' LINE, 27.5' GAP
- D PAVEMENT MARKING EPOXY 4-INCH, YELLOW, 12.5' LINE, 27.5' GAP
- E PAVEMENT MARKING PARKING STALL EPOXY, 4-INCH, WHITE
- F PAVEMENT MARKING CROSSWALK EPOXY 6-INCH
- G PAVEMENT MARKING EPOXY 8-INCH, WHITE
- H PAVEMENT MARKING STOP LINE EPOXY 12-INCH
- I PAVEMENT MARKING ARROWS EPOXY TYPE 1
- J PAVEMENT MARKING ARROWS EPOXY TYPE 2
- L PAVEMENT MARKING WORDS EPOXY
- M PAVEMENT MARKING CROSSWALK EPOXY 18-INCH
- PAVEMENT MARKING, SPECIAL, PREFORMED THERMOPLASTIC

2.1 R3-8-E 36"X30" ONLY ONLY

2.2 R7-5D (MOD.) 18"X24" ONE HOUR PARKING

2.3 W11-2 30" X 30"

2.4 WF16-7R 24" X 12"

2.5 W11-2 30" X 30"

2.6 WF16-7L 24" X 12"

2.7 R7-5R (MOD.) 18"X24" TWO HOUR PARKING

2.8 R7-5L (MOD.) 18"X24" TWO HOUR PARKING

2.9 R6-2L 24"X30" ONE WAY

2.10 INSTALL CITY SUPPLIED STREET NAME SIGN — MAIN ST D3-1 24"X8"

2.11 INSTALL CITY SUPPLIED STREET NAME SIGN — MILWAUKEE ST D3-1 24"X8"

2.12 R6-2R 24"X30" ONE WAY

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

2.14 R7-5R (MOD.) 18"X24" ONE HOUR PARKING

2.15 R7-2D (MOD.) 18"X24" NO PARKING 5:00 AM TO 1:00 PM SATURDAY JUNE1- OCT2

2.16 R7-5R (MOD.) 18"X24" ONE HOUR PARKING

2.17 W11-2 30" X 30"

2.18 WF16-7L 24" X 12"

2.19 W11-2 30" X 30"

2.20 WF16-7R 24" X 12"

2.21 R7-5L (MOD.) 18"X24" TWO HOUR PARKING

2.22 R3-8E 36"X30" ONLY ONLY

2.23 R7-5D (MOD.) 18"X24" TWO HOUR PARKING

2.24 R7-5R (MOD.) 18"X24" TWO HOUR PARKING

2.25 R6-2L 24"X30" ONE WAY

2.26 R6-2R 24"X30" ONE WAY

2.27 R4-7 24"X30"

2.28 R3-2 24"X24"

2.29 R7-5L (MOD.) 18"X24" ONE HOUR PARKING

2.30 R7-6R 18"X24" NO PARKING LOADING ZONE

2.31 R7-2D (MOD.) 18"X24" NO PARKING 5:00 AM TO 1:00 PM SATURDAY JUNE1- OCT2

2.32 R4-7 24"X30"

2.33 R7-5D (MOD.) 18"X24" ONE HOUR PARKING

2.34 R7-2D (MOD.) 18"X24" NO PARKING 5:00 AM TO 1:00 PM SATURDAY JUNE1- OCT2

2.35 R1-1F 30" X 30" STOP

2.36 R1-1F 30" X 30" STOP

2.37 R1-1F 30" X 30" STOP

2.38 R1-1F 30" X 30" STOP

MATCHLINE STA. 106+00

MATCHLINE STA. 112+00

MAIN ST.

W. MILWAUKEE ST.

E. MILWAUKEE ST.

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PERMANENT SIGNING AND PAVEMENT MARKINGS	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\SIGNING AND PAVEMENT MARKINGS.DWG PLOT DATE : 1/9/2015 8:50 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

NOTE: CONTACT DENNIS RYAN, CITY OF JANESVILLE, AT 608-755-3171 PRIOR TO MARKING PARKING STALLS AND PRIOR TO PLACEMENT OF NEW SIGNS.

3.1 ONE HOUR PARKING
R7-5L (MOD.)
18"X24"

3.2 ONE HOUR FREE PARKING
R7-5R (MOD.)
18"X24"

3.3 NO PARKING 9:00 AM TO 1:00 PM SATURDAY JUNE1 - OCT3
R7-2D (MOD.)
18"X24"

3.4 ONE HOUR FREE PARKING
R7-5L (MOD.)
18"X24"

3.5 NO PARKING 9:00 AM TO 1:00 PM SATURDAY JUNE1 - OCT3
R7-2D (MOD.)
18"X24"

3.6 NO PARKING ANY TIME
R7-1D
18"X24"

3.7 NO PARKING ANY TIME
R7-1D
18"X24"

3.8 MOVING SIGNS TYPE II

3.9 TWO HOUR PARKING
R7-5R (MOD.)
18"X24"

3.10 TWO HOUR PARKING
R7-5L (MOD.)
18"X24"

3.11 ONE HOUR PARKING
R7-5R (MOD.)
18"X24"

3.12 N MAIN ST
D3-1
24"X8"
INSTALL CITY SUPPLIED STREET NAME SIGN

3.13 E WALL ST
D3-1
24"X8"
INSTALL CITY SUPPLIED STREET NAME SIGN

3.14 STOP
R1-1
30" X 30"

3.15 NO PARKING ANY TIME
R7-1L
18"X24"

3.16 NO PARKING ANY TIME
R7-1D
18"X24"

3.17 NO PARKING ANY TIME
R7-1R
18"X24"

3.18 TWO HOUR PARKING 8AM-5PM WEEKDAYS
R7-5D (MOD.)
18"X24"

3.19 NO PARKING BETWEEN SIGNS
R7-52L
18"X24"

3.20 NO PARKING BETWEEN SIGNS
R7-52R
18"X24"

LEGEND

- A PAVEMENT MARKING EPOXY 4-INCH, DOUBLE YELLOW
- B PAVEMENT MARKING EPOXY 4-INCH, WHITE, 2' LINE, 6' GAP
- C PAVEMENT MARKING EPOXY 4-INCH, WHITE, 12.5' LINE, 27.5' GAP
- D PAVEMENT MARKING EPOXY 4-INCH, YELLOW, 12.5' LINE, 27.5' GAP
- E PAVEMENT MARKING PARKING STALL EPOXY, 4-INCH, WHITE
- F PAVEMENT MARKING CROSSWALK EPOXY 6-INCH
- G PAVEMENT MARKING EPOXY 8-INCH, WHITE
- H PAVEMENT MARKING STOP LINE EPOXY 12-INCH
- I PAVEMENT MARKING ARROWS EPOXY TYPE 1
- J PAVEMENT MARKING ARROWS EPOXY TYPE 2
- L PAVEMENT MARKING WORDS EPOXY
- M PAVEMENT MARKING CROSSWALK EPOXY 18-INCH
- PAVEMENT MARKING, SPECIAL, PREFORMED THERMOPLASTIC

NOTE: ALL EXISTING SIGNS AND POSTS WITHIN THE PROJECT LIMITS TO BE REMOVED BY THE CONTRACTOR UNLESS OTHERWISE NOTED. EXISTING SIGNS TO BE SALVAGED AND STOCKPILED FOR CITY PICKUP.

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PERMANENT SIGNING AND PAVEMENT MARKINGS	SHEET 90	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\SIGNING AND PAVEMENT MARKINGS.DWG PLOT DATE : 1/9/2015 8:50 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

NOTE: CONTACT DENNIS RYAN, CITY OF JANESVILLE, AT 608-755-3171 PRIOR TO MARKING PARKING STALLS AND PRIOR TO PLACEMENT OF NEW SIGNS.

4.1 NO PARKING ANY TIME R7-1D 18"X24"

4.2 (MOVING SIGN TYPE II)

4.3 NO PARKING ANY TIME R7-1D 18"X24"

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

4.5 NO PARKING ANY TIME R7-1L 18"X24"

4.6 ALL DAY FREE PARKING R7-5D (MOD.) 18"X24"

4.7 N MAIN ST D3-1 24"X8" INSTALL CITY SUPPLIED STREET NAME SIGN

4.8 PEASE CT D3-1 24"X8" INSTALL CITY SUPPLIED STREET NAME SIGN

4.9 STOP R1-1 30" X 30"

4.10 NO PARKING ANY TIME R7-1D 18"X24"

4.11 NO PARKING ANY TIME R7-1D 18"X24"

(REMOVE) (SIGN POLE) BUS STOP BELOIT JANESVILLE EXPRESS TIMING POINT BUS ARRIVES 10 MINUTES AFTER EACH HOUR JTS 755-3130

(TO REMAIN) VOLUNTEER PARK TABLE AREA LIGHT

(STREET LIGHT) ASPHALT CONC

(SIGN POLE) AT&T

(TO REMAIN) (ON BUILDING) NO PARKING TO CORNER

CITY OF JANESVILLE

ALLIANT (TYP.)

N MAIN ST CENTERWAY (SIGNAL POLE) (TO REMAIN)

PARKING LOT (ASPH.)

CENTERWAY

(SIGNAL POLE) STOP (TO REMAIN)

MATCHLINE 'STA. 118+00

MAIN ST.

20" CIPP

20" UNK

36" CON

119+00 120+00 121+00 122+00 123+00 123+92

A E (TYP.) 8.5' (TYP.) F 4' (TYP.) 6' (TYP.) H G

MULCH BRICK GRASS SAN MH SS MH W MH EMH

RED STONE RIVER STONE PEASE CT.

ALL DAY FREE PARKING (SIGN POLE)

7AM-2:30PM MON-FRI HERE TO DRIVEWAY (SIGN POLE) (TO REMAIN)

N MAIN ST PEASE CT STOP (SIGN POLE)

(SIGNAL POLE) (TO REMAIN)

NORTH 51 NORTH 26 (SIGNAL POLE) (TO REMAIN)

SOUTH 51 (SIGNAL POLE) (TO REMAIN)

15" PVC

LEGEND

- A PAVEMENT MARKING EPOXY 4-INCH, DOUBLE YELLOW
- B PAVEMENT MARKING EPOXY 4-INCH, WHITE, 2' LINE, 6' GAP
- C PAVEMENT MARKING EPOXY 4-INCH, WHITE, 12.5' LINE, 27.5' GAP
- D PAVEMENT MARKING EPOXY 4-INCH, YELLOW, 12.5' LINE, 27.5' GAP
- E PAVEMENT MARKING PARKING STALL EPOXY, 4-INCH, WHITE
- F PAVEMENT MARKING CROSSWALK EPOXY 6-INCH
- G PAVEMENT MARKING EPOXY 8-INCH, WHITE
- H PAVEMENT MARKING STOP LINE EPOXY 12-INCH
- I PAVEMENT MARKING ARROWS EPOXY TYPE 1
- J PAVEMENT MARKING ARROWS EPOXY TYPE 2
- L PAVEMENT MARKING WORDS EPOXY
- M PAVEMENT MARKING CROSSWALK EPOXY 18-INCH
- PAVEMENT MARKING, SPECIAL, PREFORMED THERMOPLASTIC

NOTE: ALL EXISTING SIGNS AND POSTS WITHIN THE PROJECT LIMITS TO BE REMOVED BY THE CONTRACTOR UNLESS OTHERWISE NOTED. EXISTING SIGNS TO BE SALVAGED AND STOCKPILED FOR CITY PICKUP.

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PERMANENT SIGNING AND PAVEMENT MARKINGS	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\SIGNING AND PAVEMENT MARKINGS.DWG PLOT DATE : 1/9/2015 8:50 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 40'_XREF

REGION	DESCRIPTION TO DESCRIPTION	CONDUIT (QUANTITY,SIZE)	LIGHTING PHASE CONDUCTOR (QUANTITY, SIZE (AWG),CIRCUIT)	RECEPTACLE PHASE CONDUCTOR (QUANTITY, SIZE (AWG),CIRCUIT)	EQUIPMENT GROUNDING CONDUCTOR (QUANTITY,SIZE)
①	LP-1 TO PL-1	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
②	PL-1 TO PL-3	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
③	PL-3 TO PL-5	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
④	PL-5 TO LPB7	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
⑤	LPB7 TO LPB8	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
⑥	LPB8 TO PL-6	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
⑦	PL-6 TO PL-8	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
⑧	PL-8 TO PL-11	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
⑨	PL-9 TO PL-7	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
⑩	PL-7 TO LPB10	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
⑪	LPB10 TO LPB9	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
⑫	LPB9 TO LPB48	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
⑬	LPB48 TO LPB6	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
⑭	LPB6 TO PL-4	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
⑮	PL-4 TO PL-2	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)

NOTE: RECONNECT EXISTING WIRING FOR EXISTING LIGHTING IS INCIDENTAL TO CONSTRUCTION.

CONTRACTOR SHALL FIELD VERIFY ROUTE FOR LIGHTING CONDUIT.

CONTRACTOR SHALL LABEL VOLTAGE AND CIRCUIT ON EACH WIRE AT ALL ELECTRICAL JUNCTION BOXES.

BP: 100+00.00

REMOVE EXISTING AREA LIGHT, POLE AND CONCRETE BASE

EX LP-1 STA. 100+70, 19' LT.

LP-1 STA. 100+70.8, 19.0' LT.

EP: 101+0142

ST. LAWRENCE AVE.

LPB1 STA. 101+76, 24' LT.

PL-1 STA. 101+78, 25' LT.

EXISTING SIDEWALK EASEMENT (TYP.)

EX. R/W

PED. LIGHT W/FLAG LIGHT

EXISTING PED LIGHT TO REMAIN

LPB3 STA. 102+60, 24' LT.

PL-3 STA. 102+59, 26' LT.

LPB2 STA. 102+19, 28' RT.

PL-2 STA. 102+17, 25.5' RT.

REMOVE EXISTING AREA LIGHT, POLE AND CONCRETE BASE

EX LP-2 STA. 101+37, 25' RT.

EXISTING PED LIGHT TO REMAIN

LPB4 STA. 103+00, 28' RT.

PL-4 STA. 102+98, 25' RT.

EX1 STA. 103+37

LPB6 STA. 103+76, 25' RT.

LP-2 STA. 103+89.1, 30.0' RT.

LPB48 STA. 103+95, 45' RT.

RECONNECT EXISTING WIRING FOR EXISTING LIGHTING

REMOVE EXISTING AREA LIGHT, POLE AND CONCRETE BASE

EX LP-3 STA. 103+88, 26' LT.

LPB5 STA. 103+40, 25' LT.

PL-5 STA. 103+43, 26.5' LT.

LPB7 STA. 104+02, 48.5' LT.

SEE SIGNAL PLANS (NOT ON STREET LIGHTING PLAN)

RECONNECT WIRING FOR EXISTING LIGHTING

EXISTING HPS AREA LIGHT TO REMAIN

LPB8 STA. 104+59, 45' LT.

LP-3 STA. 104+66.4, 29.0' LT.

PL-6 STA. 105+03, 33' LT.

LPB11 STA. 104+95, 32' LT

EXISTING PED LIGHT TO REMAIN

PL-8 STA. 105+73, 33' LT.

LPB13 STA. 105+70, 32' LT

PL-7 STA. 105+26, 32' RT.

EXISTING PED LIGHT TO REMAIN

LPB12 STA. 105+25, 34' RT

LPB9 STA. 104+54, 44' RT

EX LP-4 STA. 104+74, 31' RT

REMOVE EXISTING AREA LIGHT, POLE, AND CONCRETE BASE

LPB10 STA. 104+67, 34.5' RT

EXISTING ELECTRICAL FOR STREET LIGHTING TO BE ABANDONED BY OTHERS

EXISTING HPS AREA LIGHT TO REMAIN (WILL BE ON A SEPARATE CIRCUIT FROM PROPOSED LIGHTING)

MATCHLINE STA. 106+00

MAIN ST.

E. COURT ST.

ST. LAWRENCE AVE.

100 S MAIN ST ONE HUNDRED SOUTH MAIN LLP

101 S MAIN ST ONE PARKER PLACE LLP

CITY OF JANESVILLE

51 S MAIN ST COUNTY OF ROCK

54 S MAIN ST DAVID W GRAHAM TERRI L GRAHAM

50 S MAIN ST KENT BLOCK PROPERTIES LLC

58 S MAIN ST EDWIN L NASH

38 S MAIN ST CERTIFIED PARTS CORP.

34 S MAIN ST CERTIFIED PARTS CORP.

32 S MAIN ST DEE VAN RUYVEN

37 S MAIN ST KIMBALL PROPERTIES 39 LLC

31 S MAIN ST LARRY O BOZART JONI L BOZART

29 S MAIN ST ACJ HOLDINGS LLC

LEGEND

- PROPOSED ROADWAY LIGHT POLE, LUMINAIRE, MAST ARM
- PEDESTRIAN LIGHT MODIFICATIONS
- PULL BOXES STEEL, 18X36-INCH
- EXISTING ELECTRICAL PULL BOX
- EXISTING AREA / PEDESTRIAN LIGHT
- CONDUIT

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	LIGHTING	SHEET 92	E

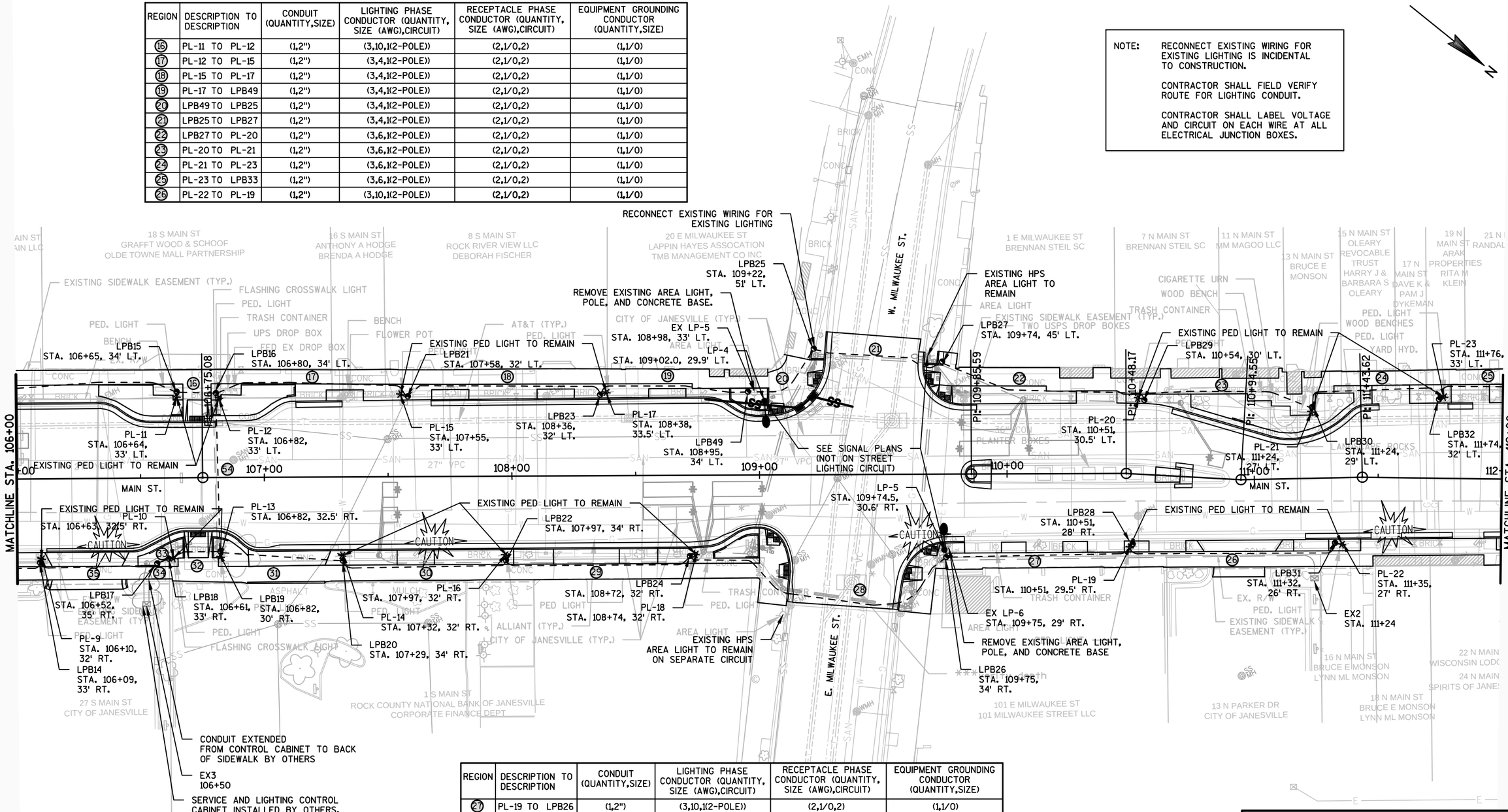
FILE NAME : P:\870S\879\00879026\CADD\DESIGN\LIGHTING\PROPOSED LIGHTING.DWG PLOT DATE : 12/17/2014 12:59 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1:40_XREF

REGION	DESCRIPTION TO DESCRIPTION	CONDUIT (QUANTITY,SIZE)	LIGHTING PHASE CONDUCTOR (QUANTITY, SIZE (AWG),CIRCUIT)	RECEPTACLE PHASE CONDUCTOR (QUANTITY, SIZE (AWG),CIRCUIT)	EQUIPMENT GROUNDING CONDUCTOR (QUANTITY,SIZE)
16	PL-11 TO PL-12	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
17	PL-12 TO PL-15	(1,2")	(3,4,1(2-POLE))	(2,1/0,2)	(1,1/0)
18	PL-15 TO PL-17	(1,2")	(3,4,1(2-POLE))	(2,1/0,2)	(1,1/0)
19	PL-17 TO LPB49	(1,2")	(3,4,1(2-POLE))	(2,1/0,2)	(1,1/0)
20	LPB49 TO LPB25	(1,2")	(3,4,1(2-POLE))	(2,1/0,2)	(1,1/0)
21	LPB25 TO LPB27	(1,2")	(3,4,1(2-POLE))	(2,1/0,2)	(1,1/0)
22	LPB27 TO PL-20	(1,2")	(3,6,1(2-POLE))	(2,1/0,2)	(1,1/0)
23	PL-20 TO PL-21	(1,2")	(3,6,1(2-POLE))	(2,1/0,2)	(1,1/0)
24	PL-21 TO PL-23	(1,2")	(3,6,1(2-POLE))	(2,1/0,2)	(1,1/0)
25	PL-23 TO LPB33	(1,2")	(3,6,1(2-POLE))	(2,1/0,2)	(1,1/0)
26	PL-22 TO PL-19	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)

NOTE: RECONNECT EXISTING WIRING FOR EXISTING LIGHTING IS INCIDENTAL TO CONSTRUCTION.

CONTRACTOR SHALL FIELD VERIFY ROUTE FOR LIGHTING CONDUIT.

CONTRACTOR SHALL LABEL VOLTAGE AND CIRCUIT ON EACH WIRE AT ALL ELECTRICAL JUNCTION BOXES.



REGION	DESCRIPTION TO DESCRIPTION	CONDUIT (QUANTITY,SIZE)	LIGHTING PHASE CONDUCTOR (QUANTITY, SIZE (AWG),CIRCUIT)	RECEPTACLE PHASE CONDUCTOR (QUANTITY, SIZE (AWG),CIRCUIT)	EQUIPMENT GROUNDING CONDUCTOR (QUANTITY,SIZE)
27	PL-19 TO LPB26	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
28	LPB26 TO PL-18	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
29	PL-18 TO PL-16	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
30	PL-16 TO PL-14	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
31	PL-14 TO PL-13	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
32	PL-13 TO PL-10	(1,2")	(3,4,1(2-POLE))	(2,1/0,2)	(1,1/0)
33	PL-10 TO LPB17	(1,2")	(3,4,1(2-POLE))	(2,1/0,2)	(1,1/0)
34	LPB17 TO EX3	(1,2")	(3,4,1(2-POLE))	(2,1/0,2)	(1,1/0)
35	LPB17 TO PL-9	(1,2")	(3,10,1(2-POLE))	(2,1/0,2)	(1,1/0)
54	PL-13 TO PL-12	(1,2")	(3,4,1(2-POLE))	(2,1/0,2)	(1,1/0)

LEGEND

- PROPOSED ROADWAY LIGHT POLE, LUMINAIRE, MAST ARM
- PEDESTRIAN LIGHT MODIFICATIONS
- ELECTRICAL PULL BOX
- EXISTING ELECTRICAL PULL BOX
- EXISTING AREA / PEDESTRIAN LIGHT
- CONDUIT

REGION	DESCRIPTION TO DESCRIPTION	CONDUIT (QUANTITY,SIZE)	LIGHTING PHASE CONDUCTOR (QUANTITY, SIZE (AWG),CIRCUIT)	RECEPTACLE PHASE CONDUCTOR (QUANTITY, SIZE (AWG),CIRCUIT)	EQUIPMENT GROUNDING CONDUCTOR (QUANTITY,SIZE)
36	LPB33 TO LP-6	(1,2")	(3,6,1(2-POLE))	(2,1/0,2)	(1,1/0)
37	LPB23 TO PL-24	(1,2")	(3,6,1(2-POLE))	(2,1/0,2)	(1,1/0)
38	PL-24 TO PL-25	(1,2")	(3,6,1(2-POLE))	(2,1/0,2)	(1,1/0)
39	PL-25 TO PL-26	(1,2")	(3,8,1(2-POLE))	(2,1/0,2)	(1,1/0)
40	PL-26 TO LPB37	(1,2")	(3,8,1(2-POLE))	(2,1/0,2)	(1,1/0)
41	LPB37 TO LP-7	(1,2")	(3,8,1(2-POLE))	(2,1/0,2)	(1,1/0)
42	LPB37 TO PL-27	(1,2")	(3,8,1(2-POLE))	(2,1/0,2)	(1,1/0)
43	PL-27 TO PL-28	(1,2")	(3,8,1(2-POLE))	(2,1/0,2)	(1,1/0)
44	PL-28 TO LPB42	(1,2")	(3,8,1(2-POLE))	(2,1/0,2)	(1,1/0)
45	LPB42 TO PL-31	(1,2")	(3,8,1(2-POLE))	(2,1/0,2)	(1,1/0)
46	PL-31 TO PL-34	(1,2")	(3,8,1(2-POLE))	(2,1/0,2)	(1,1/0)

NOTE: EXISTING LIGHTING IN FIREMAN'S PARK (113 N. MAIN STREET) WILL BE ON A SEPARATE CIRCUIT BY OTHERS

REMOVE EXISTING AREA LIGHT, POLE, AND CONCRETE BASE
EX LP-7 STA. 112+42, 28' LT.
LPB33 STA. 112+44, 30' LT.
EXISTING ELECTRICAL FOR STREET LIGHTING TO BE ABANDONED BY OTHERS
LPB34 STA. 112+61, 28' LT.
EXISTING PED LIGHT TO REMAIN
LPB35 STA. 112+87, 28' LT.
LPB36 STA. 113+59, 34' LT.
PL-26 STA. 113+62, 35' LT.
LP-6 STA. 112+56.5, 21.3' LT.
PL-25 STA. 112+85, 29' LT.
PL-24 STA. 112+62, 29' LT.
LPB37 STA. 114+69, 29' LT.
LP-7 STA. 114+68.7, 19.4', LT.
EXISTING PED LIGHT TO REMAIN
LPB38 STA. 114+99, 22' LT.
PL-27 STA. 114+97, 23' LT.
PL-28 STA. 115+33, 26.5' LT.
LPB39 STA. 115+31, 26.5' LT.
PL-29 STA. 115+64, 31.5' RT.
LP-8 STA. 116+42.1, 19.9' LT.
EX LP-10 STA. 116+35, 20' LT.
REMOVE EXISTING AREA LIGHT, POLE, AND CONCRETE BASE
LPB42 STA. 116+42, 24' LT.
PL-30 STA. 116+82, 32' RT.
LPB44 STA. 116+97, 24' LT.
PL-31 STA. 117+00, 25' LT.
PL-34 STA. 117+82, 25' LT.
LPB47 STA. 117+80, 24' LT.
EXISTING PED LIGHT TO REMAIN
EX LP-8 STA. 113+11, 22' RT.
REMOVE EXISTING AREA LIGHT, POLE, AND CONCRETE BASE
EX LP-9 STA. 114+76, 21' RT.
EXISTING PED LIGHT TO REMAIN
LPB40 STA. 115+65, 30' RT.
LPB41 STA. 116+36, 31' RT.
LPB43 STA. 116+85, 32' RT.
LPB45 STA. 117+21, 32' RT.
PL-32 STA. 117+24, 32.5' RT.
LPB46 STA. 117+72, 32' RT.
PL-33 STA. 117+75, 32' RT.
EXISTING PED LIGHT TO REMAIN

MATCHLINE STA. 112+00
MATCHLINE STA. 118+00
MAIN ST.
E. WALL ST.
CAUTION
BENCH
TRASH CONTAINER
AREA LIGHT
PED. LIGHT
EXISTING SIDEWALK EASEMENT (TYP.)
CITY OF JANESVILLE (TYP.)
AT&T (TYP.)
YARD HYD.
CIGARETTE URN
PARKING LOT (ASPHALT)
CHARTER (TYP.)
BUS SHELTER
GAZETTE BOX
23 N MAIN ST ACT PROPERTIES LLC
113 N MAIN ST CITY OF JANESVILLE
111 N MAIN ST AEON LLC
117 N MAIN ST CARLSON THOMPSON ENTERPRISES INC
119 N MAIN ST SBH PROPERTIES
205 N MAIN ST UNITED WAY OF N ROCK COUNTY
213 N MAIN ST UNITED WAY OF N ROCK COUNTY
100 N MAIN ST BMO HARRIS BANK NA F/K/A HARRIS NA
208 N MAIN ST NMM JANESVILLE CO LLP JANESVILLE GARDEN COURT

REGION	DESCRIPTION TO DESCRIPTION	CONDUIT (QUANTITY,SIZE)	LIGHTING PHASE CONDUCTOR (QUANTITY, SIZE (AWG),CIRCUIT)	RECEPTACLE PHASE CONDUCTOR (QUANTITY, SIZE (AWG),CIRCUIT)	EQUIPMENT GROUNDING CONDUCTOR (QUANTITY,SIZE)
47	PL-34 TO LP-9	(1,2")	(3,8,1(2-POLE))	(2,1/0,2)	(1,1/0)
48	LPB42 TO LP-8	(1,2")	(3,8,1(2-POLE))	(2,1/0,2)	(1,1/0)
49	LPB42 TO LPB41	(1,2")	(3,8,1(2-POLE))	(2,1/0,2)	(1,1/0)
50	LPB41 TO PL-29	(1,2")	(3,8,1(2-POLE))	(2,1/0,2)	(1,1/0)
51	LPB41 TO PL-30	(1,2")	(3,8,1(2-POLE))	(2,1/0,2)	(1,1/0)
52	PL-30 TO PL-32	(1,2")	(3,8,1(2-POLE))	(2,1/0,2)	(1,1/0)
53	PL-32 TO PL-33	(1,2")	(3,8,1(2-POLE))	(2,1/0,2)	(1,1/0)

NOTE: RECONNECT EXISTING WIRING FOR EXISTING LIGHTING IS INCIDENTAL TO CONSTRUCTION.

CONTRACTOR SHALL FIELD VERIFY ROUTE FOR LIGHTING CONDUIT.

CONTRACTOR SHALL LABEL VOLTAGE AND CIRCUIT ON EACH WIRE AT ALL ELECTRICAL JUNCTION BOXES.

LEGEND
- PROPOSED ROADWAY LIGHT POLE, LUMINAIRE, MAST ARM
- PEDESTRIAN LIGHT MODIFICATIONS
- ELECTRICAL PULL BOX
- EXISTING ELECTRICAL PULL BOX
- EXISTING AREA / PEDESTRIAN LIGHT
- CONDUIT

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	LIGHTING	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\DESIGN\LIGHTING\PROPOSED LIGHTING.DWG PLOT DATE : 12/17/2014 12:59 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 42

NOTE: RECONNECT EXISTING WIRING FOR EXISTING LIGHTING IS INCIDENTAL TO CONSTRUCTION.

CONTRACTOR SHALL FIELD VERIFY ROUTE FOR LIGHTING CONDUIT.

CONTRACTOR SHALL LABEL VOLTAGE AND CIRCUIT ON EACH WIRE AT ALL ELECTRICAL JUNCTION BOXES.

EXISTING LIGHTING IN PARK WILL REMAIN ON SEPARATE CIRCUIT

REMOVE EXISTING AREA LIGHT, POLE, AND CONCRETE BASE

EX LP-12
STA. 119+23, 17' LT.

EX LP-11
STA. 118+93, 22' RT.

EXISTING ELECTRICAL FOR STREET LIGHTING TO BE ABANDONED BY OTHERS.

LP-9
STA. 119+23.8, 18.9' LT.

MATCHLINE STA. 118+00

PI: 118+89.75
PI: 119+33.82
PI: 119+89.71
PI: 120+38.76
PI: 121+37.83
PI: 122+37.22
EP: 123+91.58

119+00
120+00
121+00
122+00
123+00

MAIN ST.

CENTERWAY

PEASE CT.

225 N MAIN ST
CITY OF JANESVILLE

301 N MAIN ST
THE SCHLUETER CO

411 N MAIN ST
ADAMS & SONS LTD

112 E CENTERWAY
THE SCHLUETER CO

107 E CENTERWAY
RICHARD D DONAHUE REVOC TRUST
MARY M DONAHUE REVOC TRUST

CITY OF JANESVILLE

ALLIANT (TYP.)

EX. R/W

AREA LIGHT

EXISTING SIDEWALK EASEMENT (TYP.)

PARKING LOT (ASPH.)

CAUTION

LEGEND

- PROPOSED ROADWAY LIGHT POLE, LUMINAIRE, MAST ARM
- PEDESTRIAN LIGHT MODIFICATIONS
- ELECTRICAL PULL BOX
- EXISTING ELECTRICAL PULL BOX
- EXISTING AREA / PEDESTRIAN LIGHT
- CONDUIT

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	LIGHTING	SHEET 95	E

FILE NAME : P:\870S\879\00879026\CADD\DESIGN\LIGHTING\PROPOSED LIGHTING.DWG PLOT DATE : 12/17/2014 12:59 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1:40_XREF

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- LUMINAIRE AND MAST ARM
- 6'x20' 6'x6' LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- LANE DESIGNATION FOR INFO ONLY
- PULL BOX STEEL, 24" X 42"
- PULL BOX STEEL, 24" X 36"
- RECTANGULAR RAPID FLASHING BEACON (RRFB) WITH PEDESTRIAN ACTIVATION
- EVP DESIGNATOR
- EVP DETECTOR HEAD & CONFIRMATION HEAD
- SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- GREEN ARROW
- YELLOW ARROW
- EXISTING LUMINAIRE AND MAST ARM
- XX PEDESTRIAN INDICATOR & COUNTDOWN TIMER 16"
- RADIO ANTENNA
- NEW CONCRETE BASE AND POLE
- EXISTING CONCRETE BASE AND POLE

CONFIGURATION WITH HEAD NUMBERS			
5-V 8D	5-H 8C 3-H 2C, 4B	3-V 2A, 2B, 2D, 2E 4A, 4C 8A, 8B	PED PH2-1, PH2-2, PH2-3, PH2-4 PH4-1, PH4-2 PH8-1, PH 8-2

NEW CONCRETE BASE, PED HEAD & PED BUTTON. SALVAGE AND REINSTALL SIGNAL POLE, MAST ARM, SIGNAL HEADS, BACKPLATES, & EVP.

INSTALL NEW SIGNAL HEAD, PED HEAD & PED BUTTON ON EXISTING CONCRETE POLE & BASE. EXISTING CONCRETE POLE TO REMAIN DURING CONSTRUCTION.

CONDUIT FOR STREET LIGHTING SEE LIGHTING PLANS FOR DETAILS

ULO

CONNECT CONDUIT INTO EXISTING POWER SUPPLY 1 AT STA. 103+37, 38' RT. ELECTRICAL WIRE BY OTHERS.

REMOVE EXISTING TRAFFIC SIGNAL STANDARD. SALVAGE SIGNAL HEADS AND BACKPLATES.

NEW CONCRETE BASE, CONCRETE POLE, LUMINAIRE, PED HEAD & PED BUTTON. SALVAGE AND REINSTALL SIGNAL HEADS AND BACKPLATES.

NEW CABINET & CONCRETE BASE TYPE 9 SPECIAL WITH SALVAGED CONTROLLER & RADIO ANTENNA

NEW CONCRETE BASE, PED HEAD & PED BUTTON. SALVAGE AND REINSTALL SIGNAL POLE, MAST ARM, SIGNAL HEADS, BACKPLATES, & EVP.

NEW CONCRETE BASE, PED HEAD & PED BUTTON. SALVAGE AND REINSTALL SIGNAL POLE, MAST ARM, SIGNAL HEADS, BACKPLATES, AND EVP.

E. COURT ST.

MAIN ST.

MATCH LINE STA 105+50

SIGNAL DESIGN GENERAL/CONSTRUCTION NOTES:

1. LOOPS SHALL BE CENTERED IN THEIR RESPECTIVE TRAVEL LANES UNLESS OTHERWISE NOTED. DISTANCE BETWEEN MULTIPLE LOOPS SHALL BE 8 FEET. LOOP ORIENTATION SHOWN ON PLAN.
2. LOCATION OF LOOP DETECTORS IS TO FRONT CENTER OF LOOP UNLESS OTHERWISE SHOWN.
3. INSPECT THE PULL BOXES AND CONDUIT RUN 3 DAYS PRIOR TO PLACING SIGNAL CABLE AND ELECTRICAL WIRE INTO THE SYSTEM.
4. THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
5. THE ENGINEER SHALL ADJUST THE LOCATIONS OF THE ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FACILITIES. RELOCATION OF ITEMS MAY IMPACT COMPLIANCE WITH MUTCD AND ADA STANDARDS. THE ENGINEER SHALL REVIEW IMPACTS BEFORE AUTHORIZING ANY RELOCATION.
6. USE A SEPERATE LEAD-IN CABLE TO THE CONTROL CABINET FOR EACH LOOP DETECTOR.
7. ALL LENSES ARE 12-INCH LED.
8. ALL EXISTING SIGNAL EQUIPMENT SHALL BE SALVAGED AND DELIVERED TO THE CITY OF JANESVILLE IF NOT OTHERWISE BEING REINSTALLED.
9. PEDESTRIAN SIGNAL HEADS SHALL FACE IN LINE WITH CROSSWALK AND PUSH BUTTONS SHALL BE LOCATED PERPENDICULAR TO THE CROSSWALK.

TRAFFIC CONTROL SIGNAL
MAIN STREET & COURT STREET
CITY OF JANESVILLE
ROCK COUNTY

SIGNAL NO.

REGION CONTACT: DENA DRAMM
DESIGNED BY: CDW
REVISED BY: KJR

PAGE 1 OF 7

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	TRAFFIC SIGNALS	SHEET 96	E

2

SEQUENCE OF OPERATION

RING 1

	HEAD NUMBERS	01 R/W	01 CLEAR TO **	02 R/W	02 CLEAR TO **	03 R/W	03 CLEAR TO **	04 R/W	04 CLEAR TO **	FLASH
01										
02	2A, 2B, 2C, 2D, 2E			G	Y R	R	R R	R	R R	R
03	8C, 8D			-	- -	G	Y -	-	- -	-
04	4A, 4B, 4C			R	R R	R	R R	G	Y R	R
05										
06										
07										
08	8A, 8B, 8C, 8D			R	R R	R	R R	R	R R	R
02P	2-1, 2-2, 2-3, 2-4			*	DW DW	DW	DW DW	DW	DW DW	
04P	4-1, 4-2			DW	DW DW	DW	DW DW	*	DW DW	
06P										
08P	8-1, 8-2			DW	DW DW	DW	DW DW	DW	DW DW	

RING 2

	HEAD NUMBERS	05 R/W	05 CLEAR TO **	06 R/W	06 CLEAR TO **	07 R/W	07 CLEAR TO **	08 R/W	08 CLEAR TO **
01									
02	2A, 2B, 2C, 2D, 2E							R	R R
03	8C, 8D							-	- -
04	4A, 4B, 4C							R	R R
05									
06									
07									
08	8A, 8B, 8C, 8D							G	Y R
02P	2-1, 2-2, 2-3, 2-4							DW	DW DW
04P	4-1, 4-2							DW	DW DW
06P									
08P	8-1, 8-2							*	DW DW

BARRIER

** CLEARANCE TO A PHASE IN CONFLICT WITH THIS PHASE ON (SEE CHART 1)

* WHEN CALLED, TIMED STEADY WALK, THEN FLASHING DON'T WALK, THEN GOES TO STEADY DON'T WALK

N

DETECTOR LOGIC

DETECTOR NUMBER	AMPLIFIER CHANNEL NUMBER	DETECTOR OPERATION: CALLS AND EXTENDS	CALLS ONLY	EXTENDS ONLY	PHASE CALLED	PHASE EXTENDED	DETECTOR DISCONNECT PHASE	CALLING DELAY	EXTENSION STRETCH	SIZE	NUMBER OF TURNS
31	1			X		3				6X6	3
32	2	X			3	3				6X20	2
33	2	X			3	3				6X20	3
41	3			X		4				6X6	3
42	4	X			4	4				6X20	2
43	4	X			4	4				6X20	3
44	5	X			4	4		X		6X20	2
81	6			X		8				6X6	4
82	7	X			8	8				6X20	3
83	7	X			8	8				6X20	2

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
2			MAX	
3		-		
4		8		
8		4		

RIGHT TURN OVERLAPS

O.L. "A" = NONE
O.L. "B" = NONE
O.L. "C" = NONE
O.L. "D" = NONE

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

CHART 1

PHASE ON	NONCONFLICTING PHASE ALLOWED TO TIME CONCURRENTLY	PHASES IN CONFLICT WITH PHASE ON
1		
2	-	3,4,8
3	8	2,4
4	8	2,3
5		
6		
7		
8	3,4	2

TYPE OF INTERCONNECT COMMUNICATION	
NONE	
TBC	
CLOSED LOOP TWISTED PAIR*	
CLOSED LOOP FIBER OPTIC*	
RADIO	x
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM #: SS- -	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC SIGNAL CABINET	x
IN SEPARATE DOT LIGHTING CABINET	

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE DETECTOR	CHANNEL A	CHANNEL C	CHANNEL D
MOVEMENT	↓	⇄	↰
PHASE	2	4+8	3+8

1. AFTER PREEMPTION SEQUENCE 2, 3+8 OR 4+8, CONTROLLER SHALL RETURN TO PHASE 2.

GENERAL NOTES:

1. SIGNAL WILL DWELL IN PHASE 02.
1. ANY ACTUATED PHASE FOR WHICH THERE IS NO CALL SHALL BE SKIPPED.
2. WHEN ONE PHASE IS ON ALONE, ANY NONCONFLICTING PHASE MAY START TIMING CONCURRENTLY WITHOUT A CLEARANCE INTERVAL. (SEE CHART 1 AT LEFT.)

TRAFFIC CONTROL SIGNAL
MAIN STREET & COURT STREET
CITY OF JANESVILLE
ROCK COUNTY

SIGNAL NO.

CONTROLLER TYPE:

DATE PAGE NO. OF

PROJECT NO: 5990-01-20 | HWY: MAIN STREET | COUNTY: ROCK | SEQUENCE OF OPERATIONS | SHEET 97 | E

PROJECT ID:	5990-01-20
INTERSECTION	MAIN ST & COURT ST

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

DATE: 8/26/2014

CB1 TO	JUMPER	# OF COND.	HEAD NO.	PHASE	SIGNAL INDICATION WIRE COLOR						DWALK	WALK	PED BUTTON	OTHER
					RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>				
SB1		15	8D	8	RED-BLK	ORG-BLK	GRN-BLK		BLU-WHT	GRN-WHT				
			4A	4	RED	ORG	GRN							
			2-1	2							BLU	BLK		
			B	2									WHT-BLK	
SB2		15	8C	8	RED-BLK	ORG-BLK	GRN-BLK		BLU-WHT	GRN-WHT				
			8B	8	RED	ORG	GRN							
			2-2	2							BLU	BLK		
			B	2									WHT-BLK	
SB3		15	2A	2	RED	ORG	GRN							
			8-1	8							BLU	BLK		
			B	8									WHT-BLK	
SB4		15	2E	2	RED	ORG	GRN							
			8-2	8							BLU	BLK		
			B	8									WHT-BLK	
SB5		15	4C	4	RED	ORG	GRN							
			8A	8	RED-BLK	ORG-BLK	GRN-BLK							
			2-4	2							BLU	BLK		
			B	2									WHT-BLK	
SB6		15	4B	4	RED	ORG	GRN							
			2-3	2							BLU	BLK		
			B	2									WHT-BLK	
SB7		15	2D	2	RED	ORG	GRN							
			4-1	4							BLU	BLK		
			B	4									WHT-BLK	
SB8		15	2B	2	RED	ORG	GRN							
			2C	2	RED-BLK	ORG-BLK	GRN-BLK							
			4-2	4							BLU	BLK		
			B	4									WHT-BLK	

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN XLP	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	CB1

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
SB1	PB1
SB2	PB2
SB5	PB3
SB6	PB4
SB7	PB5
CB1	PB6

LIGHTING UF 12 AWG UNDERGROUND	
FROM	TO
CB1	SB1
CB1	SB5
SB5	SB4

EMERGENCY VEHICLE PREEMPTION (EVP)	
FROM	TO
CB1	SB2 / D
CB1	SB6 / C
CB1	SB8 / A

* USE THE WHITE CONDUCTOR IN THE CABLE ASSEMBLY AS THE GROUNDED CONDUCT FOR ALL TRAFFIC SIGNAL INDICATIONS.
* ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
* AT THE SIGNAL BASE, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.

TRAFFIC CONTROL SIGNAL

MAIN ST & COURT ST
CITY OF JANESVILLE
ROCK COUNTY

SIGNAL NO. 1

CONTROLLER TYPE: TS2

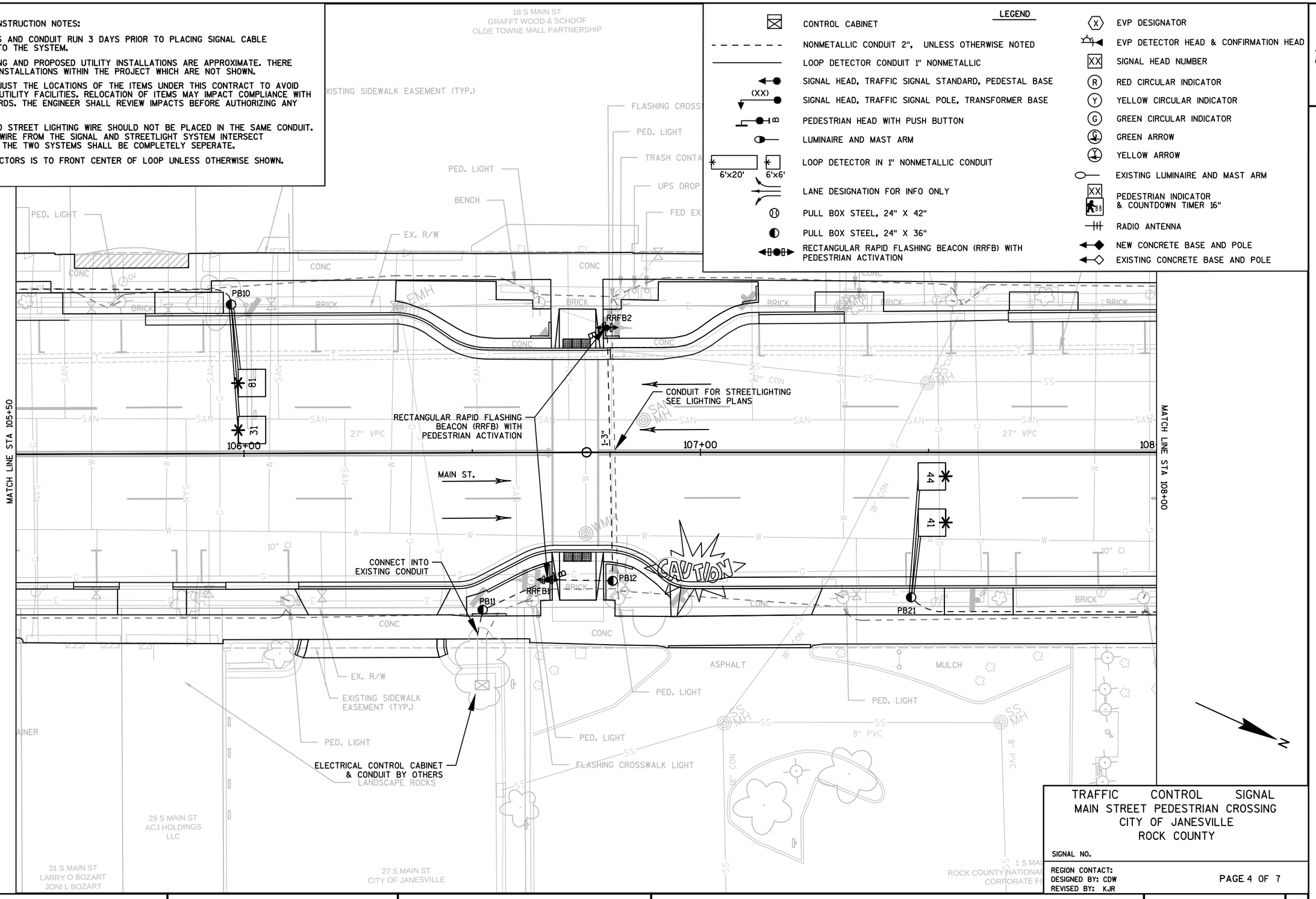
DATE 8/21/2014 PAGE NO. 3 OF 7

SIGNAL DESIGN GENERAL/CONSTRUCTION NOTES:

1. INSPECT THE PULL BOXES AND CONDUIT RUN 3 DAYS PRIOR TO PLACING SIGNAL CABLE AND ELECTRICAL WIRE INTO THE SYSTEM.
2. THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
3. THE ENGINEER SHALL ADJUST THE LOCATIONS OF THE ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FACILITIES. RELOCATION OF ITEMS MAY IMPACT COMPLIANCE WITH MUTCD AND ADA STANDARDS. THE ENGINEER SHALL REVIEW IMPACTS BEFORE AUTHORIZING ANY RELOCATION.
4. TRAFFIC SIGNAL WIRE AND STREET LIGHTING WIRE SHOULD NOT BE PLACED IN THE SAME CONDUIT. NOR SHALL CONDUIT OR WIRE FROM THE SIGNAL AND STREETLIGHT SYSTEM INTERSECT IN THE SAME PULL BOX. THE TWO SYSTEMS SHALL BE COMPLETELY SEPERATE.
5. LOCATION OF LOOP DETECTORS IS TO FRONT CENTER OF LOOP UNLESS OTHERWISE SHOWN.

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- LUMINAIRE AND MAST ARM
- 6'x20' 6'x6' LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- LANE DESIGNATION FOR INFO ONLY
- PULL BOX STEEL, 24" X 42"
- PULL BOX STEEL, 24" X 36"
- RECTANGULAR RAPID FLASHING BEACON (RRFB) WITH PEDESTRIAN ACTIVATION
- (X) EVP DESIGNATOR
- EVP DETECTOR HEAD & CONFIRMATION HEAD
- XX SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- GREEN ARROW
- YELLOW ARROW
- EXISTING LUMINAIRE AND MAST ARM
- XX 88 PEDESTRIAN INDICATOR & COUNTDOWN TIMER 16"
- RADIO ANTENNA
- NEW CONCRETE BASE AND POLE
- EXISTING CONCRETE BASE AND POLE



TRAFFIC CONTROL SIGNAL
MAIN STREET PEDESTRIAN CROSSING
CITY OF JANESVILLE
ROCK COUNTY

SIGNAL NO.

REGION CONTACT:
DESIGNED BY: CDW
REVISED BY: KJR

PAGE 4 OF 7

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	TRAFFIC SIGNALS & RRFB DETAIL	SHEET 99	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\TRAFFIC SIGNALS5.29.14.DWG
00879026 MAIN ST - PED CROSSING

PLOT DATE : 12/17/2014 1:02 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1:20_XREF

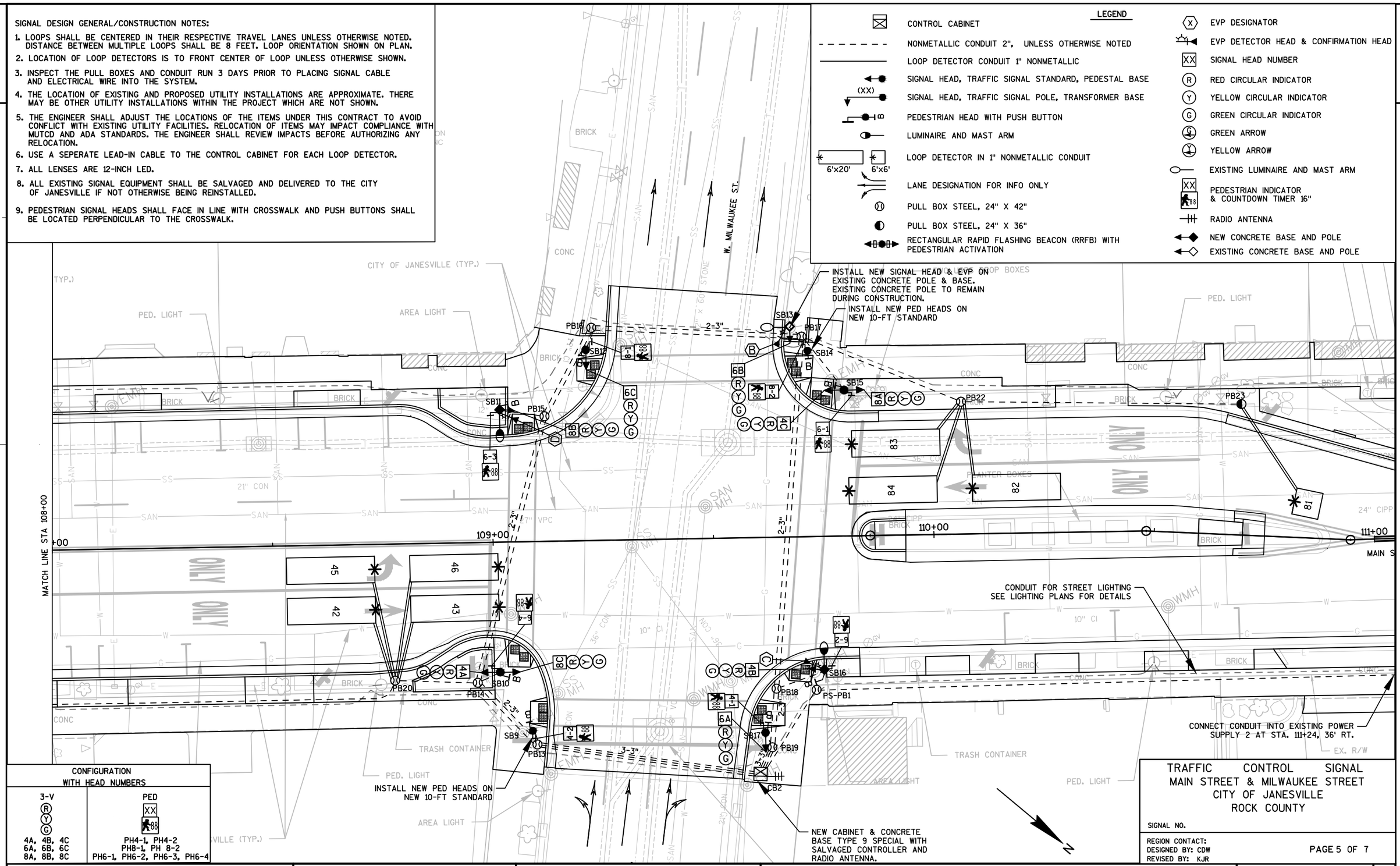
WISDOT/CADDS SHEET 42

SIGNAL DESIGN GENERAL/CONSTRUCTION NOTES:

1. LOOPS SHALL BE CENTERED IN THEIR RESPECTIVE TRAVEL LANES UNLESS OTHERWISE NOTED. DISTANCE BETWEEN MULTIPLE LOOPS SHALL BE 8 FEET. LOOP ORIENTATION SHOWN ON PLAN.
2. LOCATION OF LOOP DETECTORS IS TO FRONT CENTER OF LOOP UNLESS OTHERWISE SHOWN.
3. INSPECT THE PULL BOXES AND CONDUIT RUN 3 DAYS PRIOR TO PLACING SIGNAL CABLE AND ELECTRICAL WIRE INTO THE SYSTEM.
4. THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
5. THE ENGINEER SHALL ADJUST THE LOCATIONS OF THE ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FACILITIES. RELOCATION OF ITEMS MAY IMPACT COMPLIANCE WITH MUTCD AND ADA STANDARDS. THE ENGINEER SHALL REVIEW IMPACTS BEFORE AUTHORIZING ANY RELOCATION.
6. USE A SEPERATE LEAD-IN CABLE TO THE CONTROL CABINET FOR EACH LOOP DETECTOR.
7. ALL LENSES ARE 12-INCH LED.
8. ALL EXISTING SIGNAL EQUIPMENT SHALL BE SALVAGED AND DELIVERED TO THE CITY OF JANESVILLE IF NOT OTHERWISE BEING REINSTALLED.
9. PEDESTRIAN SIGNAL HEADS SHALL FACE IN LINE WITH CROSSWALK AND PUSH BUTTONS SHALL BE LOCATED PERPENDICULAR TO THE CROSSWALK.

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- LUMINAIRE AND MAST ARM
- 6'x20' 6'x6' LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- LANE DESIGNATION FOR INFO ONLY
- PULL BOX STEEL, 24" X 42"
- PULL BOX STEEL, 24" X 36"
- RECTANGULAR RAPID FLASHING BEACON (RRFB) WITH PEDESTRIAN ACTIVATION
- EVP DESIGNATOR
- EVP DETECTOR HEAD & CONFIRMATION HEAD
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- GREEN ARROW
- YELLOW ARROW
- EXISTING LUMINAIRE AND MAST ARM
- PEDESTRIAN INDICATOR & COUNTDOWN TIMER 16"
- RADIO ANTENNA
- NEW CONCRETE BASE AND POLE
- EXISTING CONCRETE BASE AND POLE



CONFIGURATION WITH HEAD NUMBERS	
3-V (R) (Y) (G)	PED XX 88
4A, 4B, 4C 6A, 6B, 6C 8A, 8B, 8C	PH4-1, PH4-2 PH8-1, PH 8-2 PH6-1, PH6-2, PH6-3, PH6-4

TRAFFIC CONTROL SIGNAL
MAIN STREET & MILWAUKEE STREET
CITY OF JANESVILLE
ROCK COUNTY

SIGNAL NO.

REGION CONTACT:
DESIGNED BY: CDW
REVISED BY: KJR

PAGE 5 OF 7

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	TRAFFIC SIGNALS	SHEET 100	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\TRAFFIC SIGNALS5.29.14.DWG
00879026 MAIN ST - MILWAUKEE ST

PLOT DATE : 12/17/2014 1:04 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 42

SEQUENCE OF OPERATION

RING 1

	HEAD NUMBERS	01 R/W	01 CLEAR TO	02 R/W	02 CLEAR TO	03 R/W	03 CLEAR TO	04 R/W	04 CLEAR TO	FLASH
			**		**		**		**	
01										
02										
03										
04	4A, 4B, 4C							G	Y R	R
05										
06	6A, 6B, 6C							R	R R	R
07										
08	8A, 8B, 8C							R	R R	R
02P										
04P	4-1, 4-2							*	DW DW	
06P	6-1, 6-2, 6-3, 6-4							DW	DW DW	
08P	8-1, 8-2							DW	DW DW	-
										-

RING 2

	HEAD NUMBERS	05 R/W	05 CLEAR TO	06 R/W	06 CLEAR TO	07 R/W	07 CLEAR TO	08 R/W	08 CLEAR TO
			**		**		**		**
01									
02				R	R R			R	R R
03									
04	4A, 4B, 4C			R	R R			R	R R
05									
06	6A, 6B, 6C			G	Y R			R	R R
07									
08	8A, 8B, 8C			R	R R			G	Y R
02P									
04P	4-1, 4-2			DW	DW DW			DW	DW DW
06P	6-1, 6-2, 6-3, 6-4			*	DW DW			DW	DW DW
08P	8-1, 8-2			DW	DW DW			*	DW DW

BARRIER

** CLEARANCE TO A PHASE IN CONFLICT WITH THIS PHASE ON (SEE CHART 1)

* WHEN CALLED, TIMED STEADY WALK, THEN FLASHING DON'T WALK, THEN GOES TO STEADY DON'T WALK

N

DETECTOR LOGIC

DETECTOR NUMBER	AMPLIFIER CHANNEL NUMBER	DETECTOR OPERATION: CALLS AND EXTENDS	CALLS ONLY	EXTENDS ONLY	PHASE CALLED	PHASE EXTENDED	DETECTOR DISCONNECT PHASE	CALLING DELAY	EXTENSION STRETCH	SIZE	NUMBER OF TURNS
41	1			X		4				6X6	3
42	2	X				4				6X20	2
43	2	X			4	4				6X20	3
44	3			X	4	4				6X6	2
45	4	X			4	4				6X20	3
46	4	X			4	4				6X20	2
81	5			X		8				6X6	4
82	6	X			8	8				6X20	2
83	7	X			8	8		X		6X20	2
84	6	X			8	8				6X20	3

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
4		8		
6			MAX	
8		4		

RIGHT TURN OVERLAPS

O.L. "A" = NONE
O.L. "B" = NONE
O.L. "C" = NONE
O.L. "D" = NONE

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

CHART 1

PHASE ON	NONCONFLICTING PHASE ALLOWED TO TIME CONCURRENTLY	PHASES IN CONFLICT WITH PHASE ON
1		
2		
3		
4	8	6
5		
6	-	4,8
7		
8	4	6

TYPE OF INTERCONNECT COMMUNICATION	
NONE	
TBC	
CLOSED LOOP TWISTED PAIR*	
CLOSED LOOP FIBER OPTIC*	
RADIO	x
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM #: SS- -	

EMERGENCY VEHICLE PREEMPTION SEQUENCE			
EMERGENCY VEHICLE DETECTOR	CHANNEL B	CHANNEL C	CHANNEL D
MOVEMENT	↑	⇄	⇄
PHASE	6	4+8	4+8

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

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC SIGNAL CABINET	x
IN SEPARATE DOT LIGHTING CABINET	

GENERAL NOTES:

1. SIGNAL WILL DWELL IN PHASE 06.
1. ANY ACTUATED PHASE FOR WHICH THERE IS NO CALL SHALL BE SKIPPED.
2. WHEN ONE PHASE IS ON ALONE, ANY NONCONFLICTING PHASE MAY START TIMING CONCURRENTLY WITHOUT A CLEARANCE INTERVAL. (SEE CHART 1 AT LEFT.)

TRAFFIC CONTROL SIGNAL
MAIN STREET & MILWAUKEE STREET
CITY OF JANESVILLE
ROCK COUNTY

SIGNAL NO.

CONTROLLER TYPE:

DATE PAGE NO. OF

PROJECT NO: 5990-01-20 | HWY: MAIN STREET | COUNTY: ROCK | SEQUENCE OF OPERATIONS | SHEET 101 | E

PROJECT ID:	5990-01-20
INTERSECTION	MAIN ST & MILWAUKEE ST

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

DATE: 8/26/2014

CB* TO	JUMPER	# OF COND.	HEAD NO.	PHASE	SIGNAL INDICATION WIRE COLOR								PED BUTTON	OTHER
					RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	DWALK	WALK		
SB9		15	4-2	4							BLU	BLK		
			B	4									WHT-BLK	
SB10		15	4A	4	RED	ORG	GRN							
			8C	8	RED-BLK	ORG-BLK	GRN-BLK							
			6-4	6							BLU	BLK		
			B	6									WHT-BLK	
SB11		15	8B	8	RED	ORG	GRN							
			6-3	6							BLU	BLK		
			B	6									WHT-BLK	
SB12		15	6C	6	RED	ORG	GRN							
			8-1	8							BLU	BLK		
			B	8									WHT-BLK	
SB13		15	6B	6	RED	ORG	GRN							
SB14		15	8-2	8							BLU	BLK		
			B	8									WHT-BLK	
SB15		15	4C	4	RED	ORG	GRN							
			8A	8	RED-BLK	ORG-BLK	GRN-BLK							
			6-1	6							BLU	BLK		
			B	6									WHT-BLK	
SB16		15	4B	4	RED	ORG	GRN							
			6-2	6							BLU	BLK		
			B	6									WHT-BLK	
SB17		15	6B	6	RED	ORG	GRN							
			4-1	4							BLU	BLK		
			B	4									WHT-BLK	

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN XLP	
FROM	TO
CB2	SB9
SB9	SB10
SB10	SB11
SB11	SB12
SB12	SB13
SB13	SB14
SB14	SB15
SB15	SB16
SB16	SB17
SB17	CB2

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
SB9	PB13
SB10	PB14
SB11	PB15
SB12	PB16
SB14	PB17
SB16	PB18
CB2	PB19

LIGHTING UF 12 AWG UNDERGROUND	
FROM	TO
CB2	SB11
CB2	SB16
SB16	SB13

EMERGENCY VEHICLE PREEMPTION (EVP)	
FROM	TO
CB2	SB13 / B
CB2	SB16 / C
CB2	SB11 / D

* USE THE WHITE CONDUCTOR IN THE CABLE ASSEMBLY AS THE GROUNDED CONDUCT FOR ALL TRAFFIC SIGNAL INDICATIONS.
* ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
* AT THE SIGNAL BASE, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.

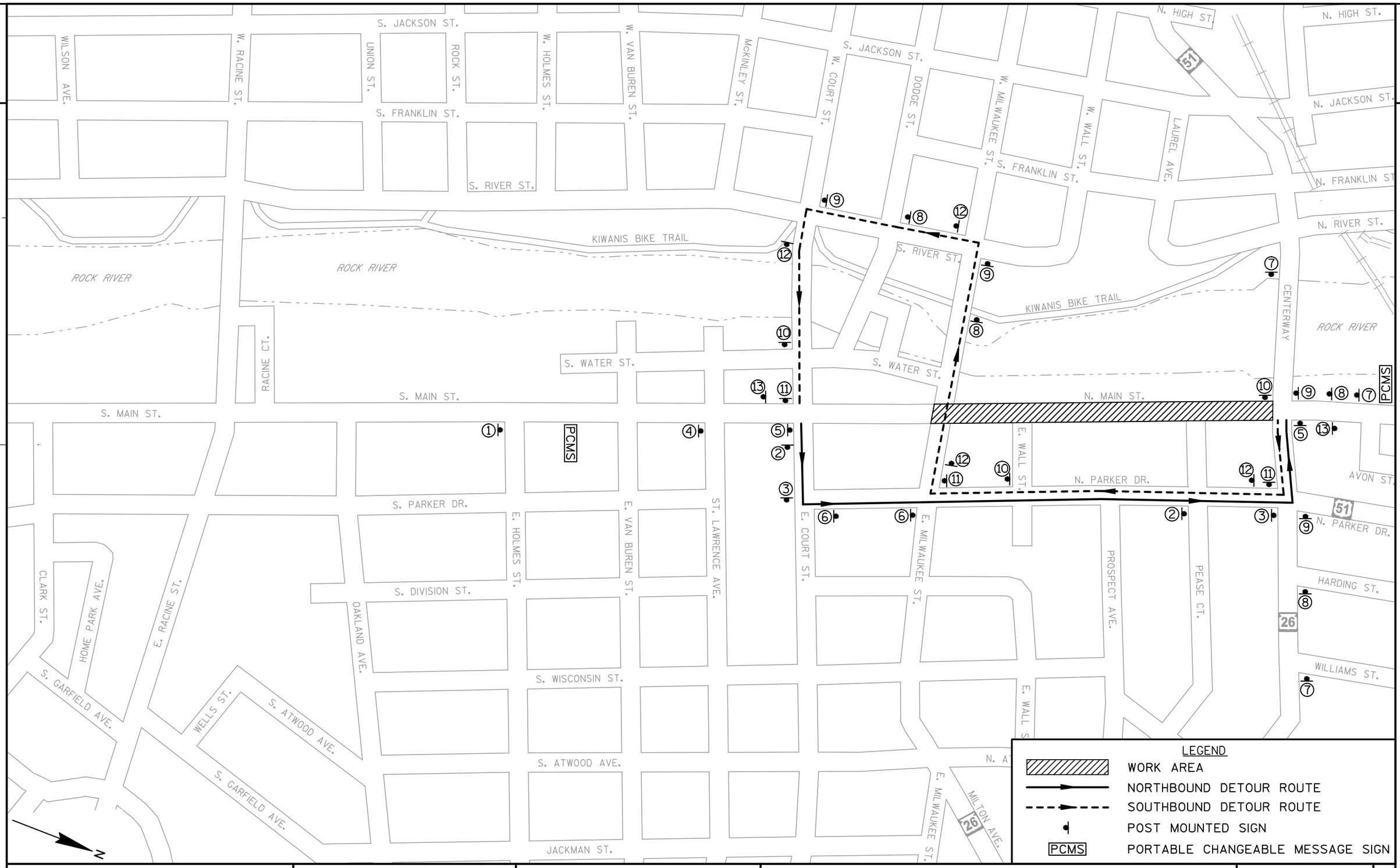
TRAFFIC CONTROL SIGNAL

MAIN ST & MILWAUKEE ST
CITY OF JANESVILLE
ROCK COUNTY

SIGNAL NO. 2

CONTROLLER TYPE: TS2

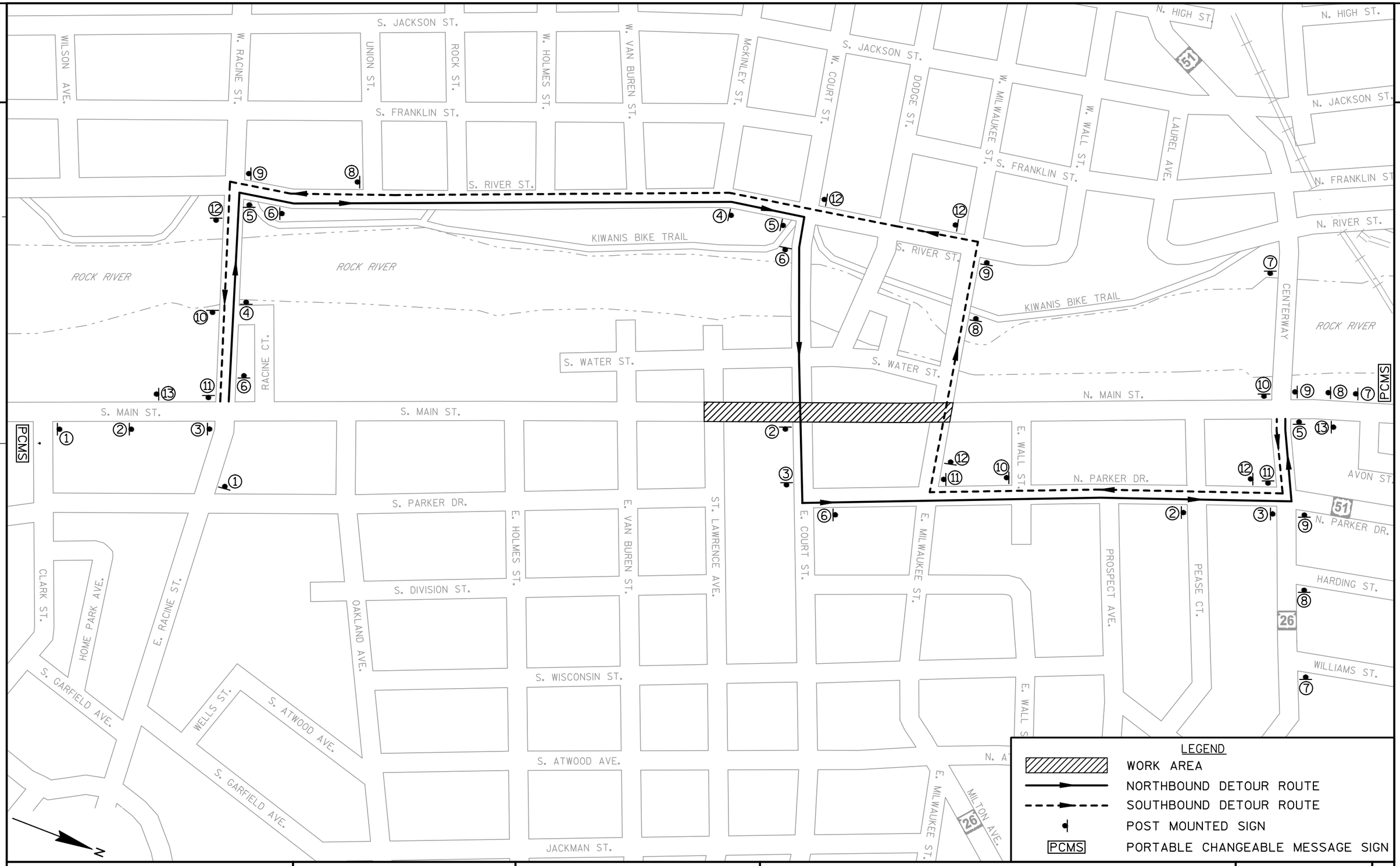
DATE 8/21/2014 PAGE NO. 7 OF 7



PROJECT NO:5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	DETOUR ROUTE - STAGE 1	SHEET 103 E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\NORTHBOUND DETOUR ROUTE - STAGE 2.DWG PLOT DATE : 12/17/2014 1:06 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 0.003340

WISDOT/CADDS SHEET 42



PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	DETOUR ROUTE - STAGE 2	SHEET 104	E

2

① MAIN ST. NORTHBOUND

TRAFFIC CONTROL
SIGNS FIXED MESSAGE
30"X12" (2.50 S.F.)



② DETOUR
M4-8
24"X12"

MAIN ST. NORTHBOUND

TRAFFIC CONTROL
SIGNS FIXED MESSAGE
30"X12" (2.50 S.F.)



M05-1L
21"X21"

③ DETOUR
M4-8
24"X12"

MAIN ST. NORTHBOUND

TRAFFIC CONTROL
SIGNS FIXED MESSAGE
30"X12" (2.50 S.F.)



M06-1L
21"X21"

④ DETOUR
M4-8
24"X12"

MAIN ST. NORTHBOUND

TRAFFIC CONTROL
SIGNS FIXED MESSAGE
30"X12" (2.50 S.F.)



M05-1R
21"X21"

⑤ DETOUR
M4-8
24"X12"

MAIN ST. NORTHBOUND

TRAFFIC CONTROL
SIGNS FIXED MESSAGE
30"X12" (2.50 S.F.)



M06-1R
21"X21"

⑥ DETOUR
M4-8
24"X12"

MAIN ST. NORTHBOUND

TRAFFIC CONTROL
SIGNS FIXED MESSAGE
30"X12" (2.50 S.F.)



M06-1
21"X21"

⑦ MAIN ST. SOUTHBOUND

TRAFFIC CONTROL
SIGNS FIXED MESSAGE
30"X12" (2.50 S.F.)



⑧ DETOUR
M4-8
24"X12"

MAIN ST. SOUTHBOUND

TRAFFIC CONTROL
SIGNS FIXED MESSAGE
30"X12" (2.50 S.F.)



M05-1L
21"X21"

⑨ DETOUR
M4-8
24"X12"

MAIN ST. SOUTHBOUND

TRAFFIC CONTROL
SIGNS FIXED MESSAGE
30"X12" (2.50 S.F.)



M06-1L
21"X21"

⑩ DETOUR
M4-8
24"X12"

MAIN ST. SOUTHBOUND

TRAFFIC CONTROL
SIGNS FIXED MESSAGE
30"X12" (2.50 S.F.)



M05-1R
21"X21"

⑪ DETOUR
M4-8
24"X12"

MAIN ST. SOUTHBOUND

TRAFFIC CONTROL
SIGNS FIXED MESSAGE
30"X12" (2.50 S.F.)



M06-1R
21"X21"

⑫ DETOUR
M4-8
24"X12"

MAIN ST. SOUTHBOUND

TRAFFIC CONTROL
SIGNS FIXED MESSAGE
30"X12" (2.50 S.F.)



M06-1
21"X21"

⑬ END DETOUR
M4-8A
24"X18"

PROJECT NO:5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	DETOUR ROUTE SIGNAGE - STAGES 1 & 2	SHEET 105	E

2

Ⓐ **ROAD CLOSED**
R11-2
48"X30"

Ⓑ **ROAD CLOSED TO THRU TRAFFIC**
R11-4
60"X30"

Ⓒ **ROAD CLOSED AHEAD**
W20-3
48"X48"

Ⓓ **ROAD CLOSED 250 FT**
W20-3
48"X48"

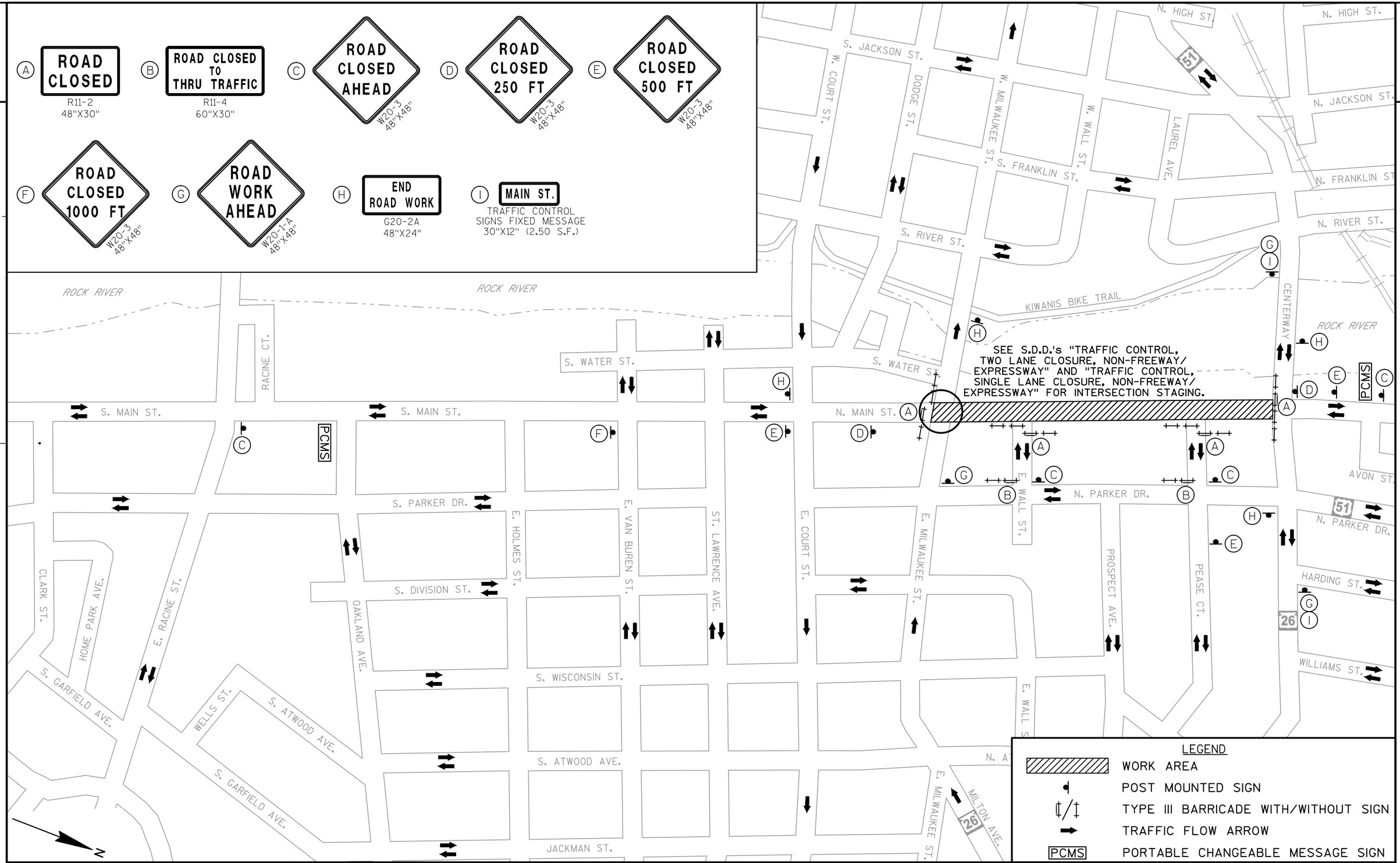
Ⓔ **ROAD CLOSED 500 FT**
W20-3
48"X48"

Ⓕ **ROAD CLOSED 1000 FT**
W20-3
48"X48"

Ⓖ **ROAD WORK AHEAD**
W20-1-A
48"X48"

Ⓗ **END ROAD WORK**
G20-2A
48"X24"

Ⓘ **MAIN ST.**
TRAFFIC CONTROL SIGNS FIXED MESSAGE
30"X12" (2.50 S.F.)



LEGEND

- WORK AREA
- POST MOUNTED SIGN
- TYPE III BARRICADE WITH/WITHOUT SIGN
- TRAFFIC FLOW ARROW
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	TRAFFIC CONTROL OVERVIEW: STAGE 1	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\TRAFFIC CONTROL STAGE 2 OVERVIEW.DWG PLOT DATE : 12/17/2014 1:06 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 0.003340

2

Ⓐ **ROAD CLOSED** — R11-2, 48"X30"

Ⓑ **ROAD CLOSED TO THRU TRAFFIC** — R11-4, 60"X30"

Ⓒ **ROAD CLOSED AHEAD** — W20-3, 48"X48"

Ⓓ **ROAD CLOSED 250 FT** — W20-3, 48"X48"

Ⓔ **ROAD CLOSED 500 FT** — W20-3, 48"X48"

Ⓕ **ROAD WORK AHEAD** — W20-1-A, 48"X48"

Ⓖ **END ROAD WORK** — G20-2A, 48"X24"

SEE S.D.D.'s "TRAFFIC CONTROL, TWO LANE CLOSURE, NON-FREEWAY/ EXPRESSWAY" AND "TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/ EXPRESSWAY" FOR INTERSECTION STAGING.

N. HIGH ST.
W. VAN BUREN ST.
McKINLEY ST.
S. JACKSON ST.
W. COURT ST.
DODGE ST.
W. MILWAUKEE ST.
W. WALL ST.
LAUREL AVE.
N. JACKSON ST.
S. FRANKLIN ST.
N. FRANKLIN ST.
N. RIVER ST.
S. RIVER ST.
KIWANIS BIKE TRAIL
CENTERWAY
ROCK RIVER
RACINE CT.
S. WATER ST.
S. MAIN ST.
N. MAIN ST.
PCMS
S. PARKER DR.
N. PARKER DR.
AVON ST.
E. HOLMES ST.
E. VAN BUREN ST.
ST. LAWRENCE AVE.
E. COURT ST.
E. MILWAUKEE ST.
E. WALL ST.
PROSPECT AVE.
PEASE CT.
HARDING ST.
WILLIAMS ST.
CLARK ST.
HOME PARK AVE.
E. RACINE ST.
S. GARFIELD AVE.
WELLS ST.
S. ATWOOD AVE.
OAKLAND AVE.
S. DIVISION ST.
S. WISCONSIN ST.
JACKMAN ST.
MILTON AVE.
51
26

LEGEND

- WORK AREA
- POST MOUNTED SIGN
- TYPE III BARRICADE WITH/WITHOUT SIGN
- TRAFFIC FLOW ARROW
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	TRAFFIC CONTROL OVERVIEW: STAGE 2	SHEET 107	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\TRAFFIC CONTROL STAGE 1 OVERVIEW.DWG PLOT DATE : 12/17/2014 1:06 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 0.003340

2

30 S MAIN ST
30 S MAIN LLC

18 S MAIN ST
GRAFFT WOOD & SCHOOF
OLDE TOWNE MALL PARTNERSHIP

16 S MAIN ST
ANTHONY A HODGE
BRENDA A HODGE

8 S MAIN ST
ROCK RIVER VIEW LLC
DEBORAH FISCHER

20 E MILWAUKEE ST
LAPPIN HAYES ASSOCATION
TMB MANAGEMENT CO INC

1 E MILWAUKEE ST
BRENNAN STEIL SC

7 N MAIN ST
BRENNAN STEIL SC

11 N MAIN ST
MM MAGOO LLC

13 N MAIN ST
BRUCE E
MONSON

15 N MAIN ST
OLEARY
REVOCABLE
TRUST
HARRY J &
BARBARA S
OLEARY

17 N
MAIN ST
DAVE K &
PAM J
DYKEMAN

19 N
MAIN ST
ARAK
PROPERTIES
RITA M
KLEIN

21 N
RANDAL

STAGE CONSTRUCTION TO ALLOW
ONE LANE OF WESTBOUND TRAFFIC
THROUGH MILWAUKEE STREET INTERSECTION

W. MILWAUKEE ST.

FLASHING CROSSWALK LIGHT
PED. LIGHT
TRASH CONTAINER
UPS DROP BOX
FED EX DROP BOX
BENCH
FLOWER POT
PED. LIGHT
AT&T (TYP.)
PED. LIGHT
CITY OF JANESVILLE (TYP.)
AREA LIGHT
TWO USPS DROP BOXES
CIGARETTE URN
WOOD BENCH
TRASH CONTAINER
PED. LIGHT
WOOD BENCHES
PED. LIGHT
YARD HYD.
PLANTER BOXES
LANDSCAPE ROCKS

106+00 107+00 108+00 109+00 110+00 111+00 112+00

MAIN ST. MAIN ST.

MATCHLINE STA. 112+00

PED. LIGHT
PED. LIGHT
FLASHING CROSSWALK LIGHT
ASPHALT
MULCH
PED. LIGHT
PED LIGHT
ALLIANT (TYP.)
CITY OF JANESVILLE (TYP.)
AREA LIGHT
TRASH CONTAINER
PED. LIGHT
AREA LIGHT
PED. LIGHT
***verify depth

E. MILWAUKEE ST.

AIN ST
LDINGS
C

27 S MAIN ST
CITY OF JANESVILLE

1 S MAIN ST
ROCK COUNTY NATIONAL BANK OF JANESVILLE
CORPORATE FINANCE DEPT

101 E MILWAUKEE ST
101 MILWAUKEE STREET LLC

13 N PARKER DR
CITY OF JANESVILLE

16 N MAIN ST
BRUCE E MONSON
LYNN ML MONSON

18 N MAIN ST
BRUCE E MONSON
LYNN ML MONSON

22 N MAIN
WISCONSIN LODG
24 N MAIN
SPIRITS OF JANES

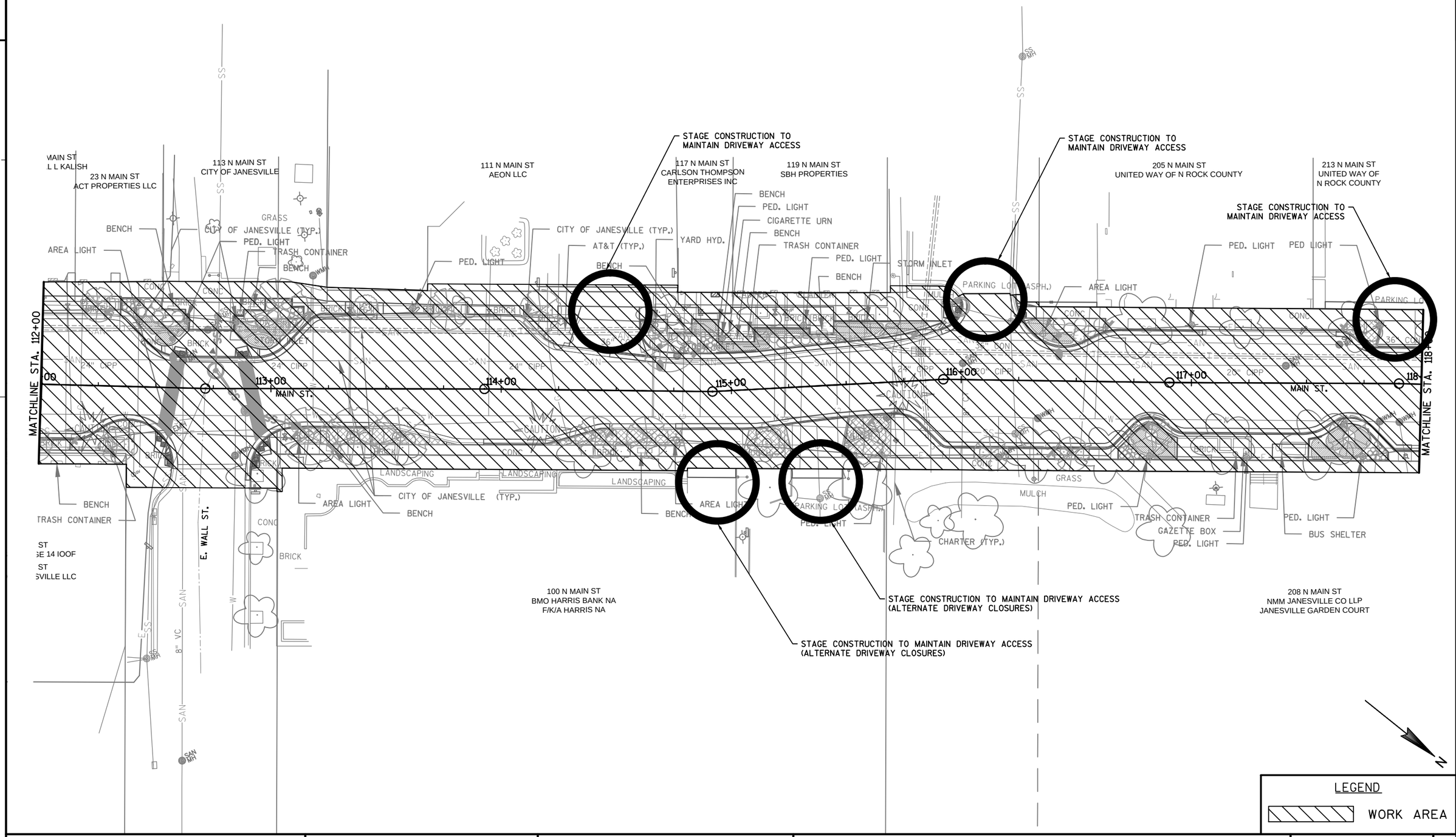
N

LEGEND

WORK AREA

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	TRAFFIC CONTROL: STAGE 1	SHEET 108	E

2



PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	TRAFFIC CONTROL: STAGE 1	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\STAGING PLAN SHEETS.DWG PLOT DATE : 12/17/2014 1:08 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1:40_XREF

2

225 N MAIN ST
CITY OF JANESVILLE

301 N MAIN ST
THE SCHLUETER CO

411 N MAIN ST
ADAMS & SONS LTD

STAGE CONSTRUCTION TO MAINTAIN DRIVEWAY ACCESS (ALTERNATE DRIVEWAY CLOSURES)

STAGE CONSTRUCTION TO MAINTAIN DRIVEWAY ACCESS (ALTERNATE DRIVEWAY CLOSURES)

CITY OF JANESVILLE

ALLIANT (TYP.)

AT&T

CENTERWAY

PARKING LOT (ASPH.)

TABLE

AREA LIGHT

ASPHALT

MATCHLINE "STA. 118+00

MAIN ST.

119+00

120+00

121+00

122+00

123+00

123+92

36" CON

20" CMP

20" CMP

RED STONE

RED STONE

RIVER STONE

PEASE CT.

15" PVC

112 E CENTERWAY
THE SCHLUETER CO

107 E CENTERWAY
RICHARD D DONAHUE REVOC TRUST
MARY M DONAHUE REVOC TRUST

LEGEND

WORK AREA

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	TRAFFIC CONTROL: STAGE 1	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\STAGING PLAN SHEETS.DWG PLOT DATE : 12/17/2014 1:08 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1:40_XREF

2

BP: 100+00.00

ST. LAWRENCE AVE.

PI: 101+01.42

AREA LIGHT

PED. LIGHT W/FLAG LIGHT

PED. LIGHT

CONC

BRICK

12" CONC

SAN

101+00

102+00

103+00

MAIN ST.

CENTER OF WATER MANHOLE

CP*7
3/4" IRON PIN
Y = 268,559.965
X = 493,888.305
ELEV. = 775.41

20.1'

12.8'

11.2'

TOP NUT FIRE HYDRANT (BM*8)

CENTER OF WATER MANHOLE

PLANTER

TRASH CONTAINER

E. LAWRENCE AVE.

TRASH CONTAINER
BENCH

AREA LIGHT

PED. LIGHT

TRASH CONTAINER

GAZETTE BOX

BENCH

EMH

WMH

BRICK

103+00

104+00

105+00

MAIN ST.

CP*6
IRON PIN
Y = 268,772.759
X = 493,722.509
ELEV. = 776.15

CENTER OF ELECTRICAL MANHOLE

5.7'

11.3'

CENTER OF GAS VALVE

CENTER OF ELECTRICAL MANHOLE

BM*7

BM*6

E. COURT ST.

TRASH CONTAINER

2

N

FLASHING CROSSWALK LIGHT

PED. LIGHT

TRASH CONTAINER

UPS DROP BOX

FED EX DROP BOX

BENCH

FLOWER POT

STREET LIGHT POLE

CP*5
IRON PIN
Y = 268,933.238
X = 493,503.989
ELEV. = 776.22

14.5'

28.8'

PI: 106+75.08

FLASHING PEDESTRIAN LIGHT POLE

CENTER OF SANITARY SEWER MANHOLE

106+00

107+00

108+00

MAIN ST.

ASPHALT

MULCH

BENCH

TRASH CONTAINER

PED. LIGHT

FLASHING CROSSWALK LIGHT

W. MILWAUKEE ST.

AREA LIGHT

CENTER OF SANITARY SEWER MANHOLE

CP*4
SPIKE NAIL
Y = 269,129.468
X = 493,340.885
ELEV. = 776.60

CENTER OF WATER VALVE

4.8'

17.7'

31.9'

CENTER OF STORM SEWER MANHOLE

BM*5

BM*4

PI: 109+85.59

PI: 110+48.17

PI: 110+94.55

109+00

110+00

111+00

MAIN ST.

CIGARETT
WOOD BENCH

TWO USPS DROP BOXES

PLANTER BOXES

TRASH CONTAINER

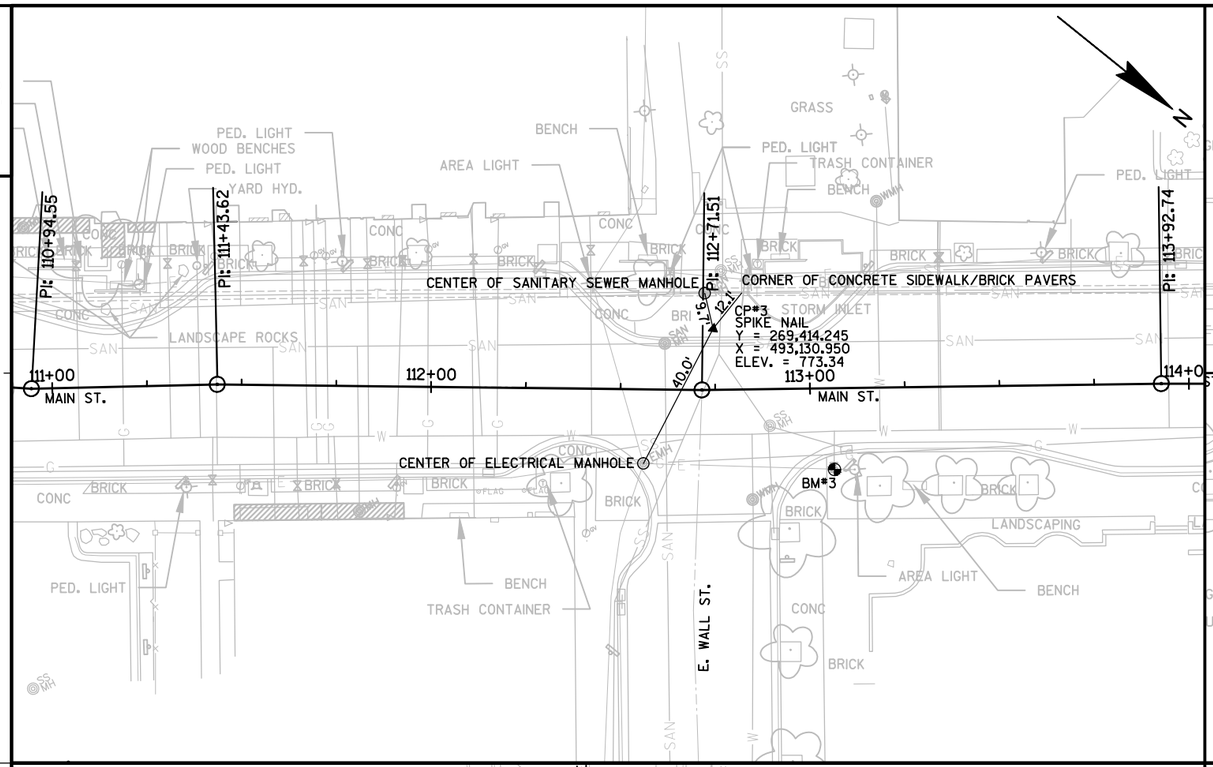
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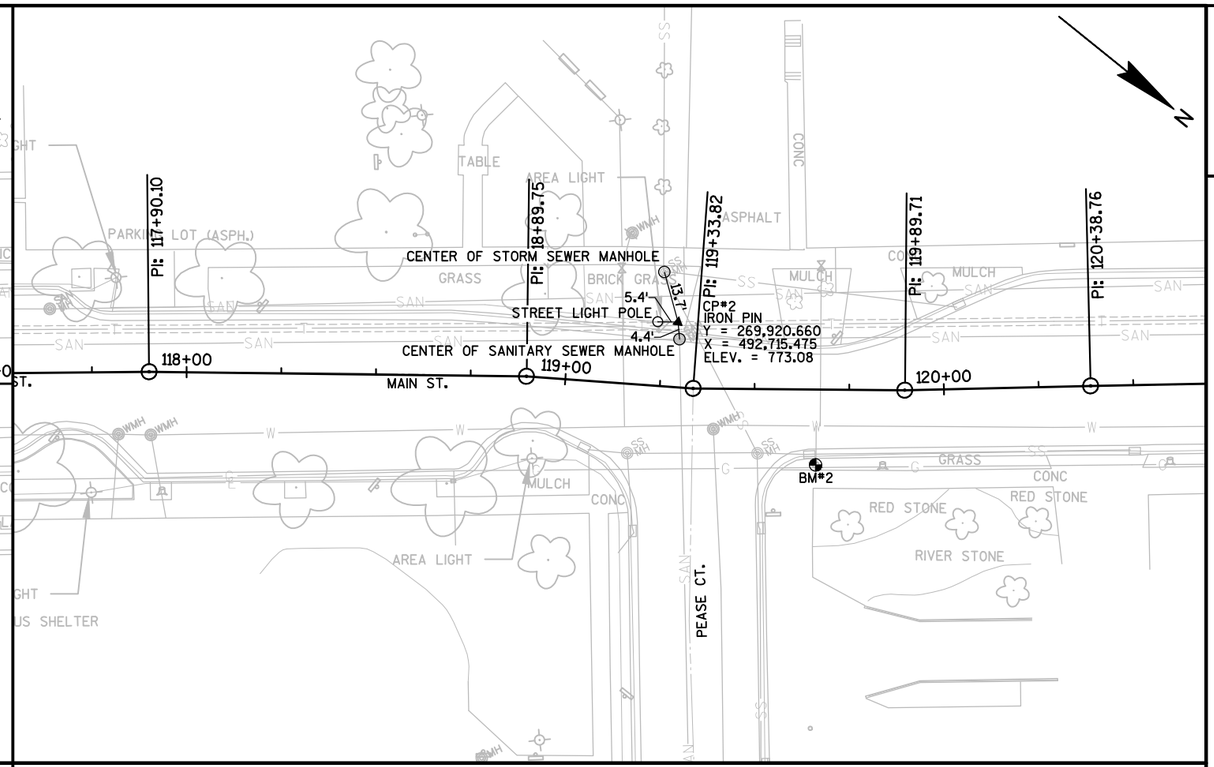
E. MILWAUKEE ST.

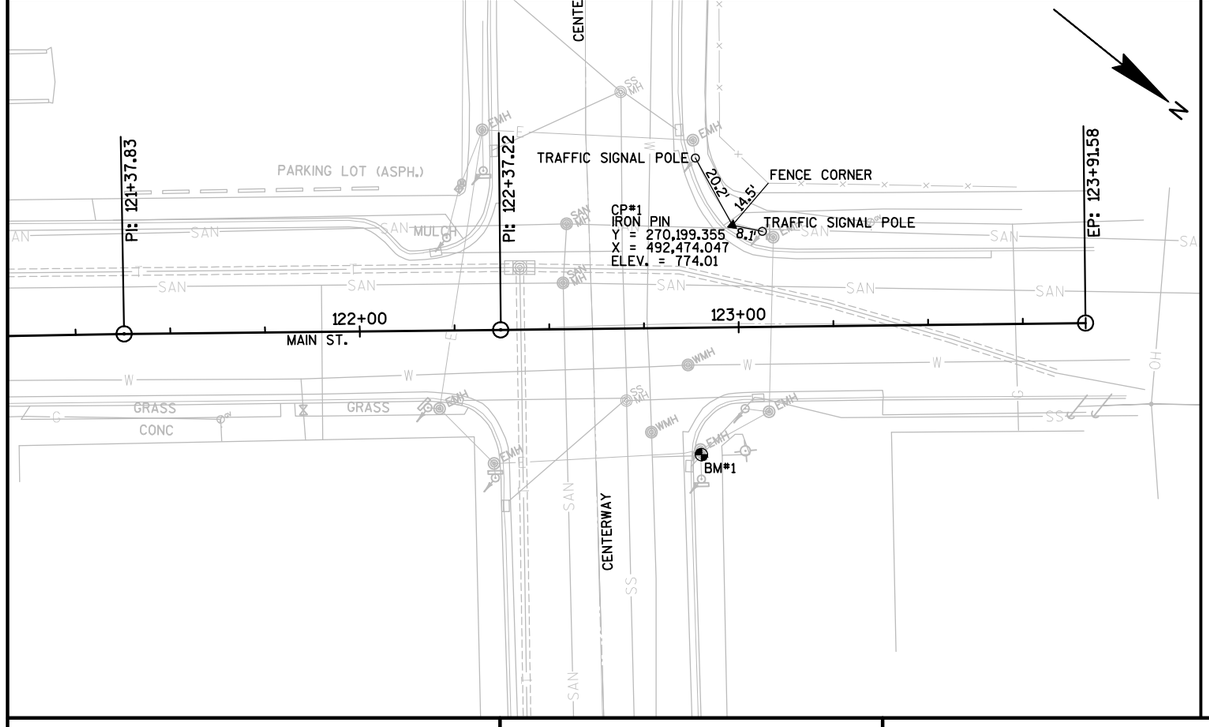
PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CONTROL POINT TIES	SHEET 111	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\CONTROL POINT TIES.DWG PLOT DATE : 10/17/2014 8:06 AM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 44



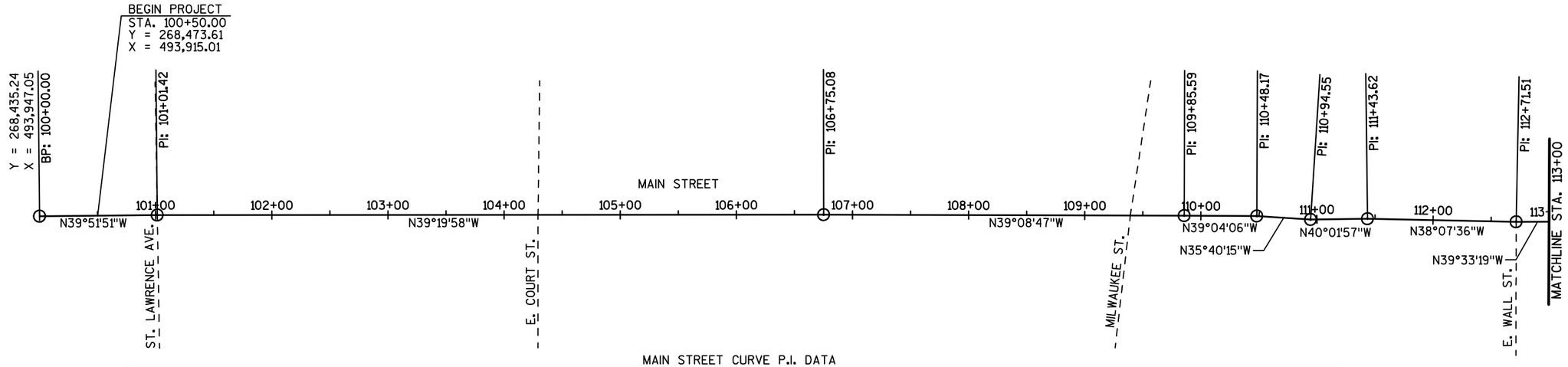




BENCHMARKS

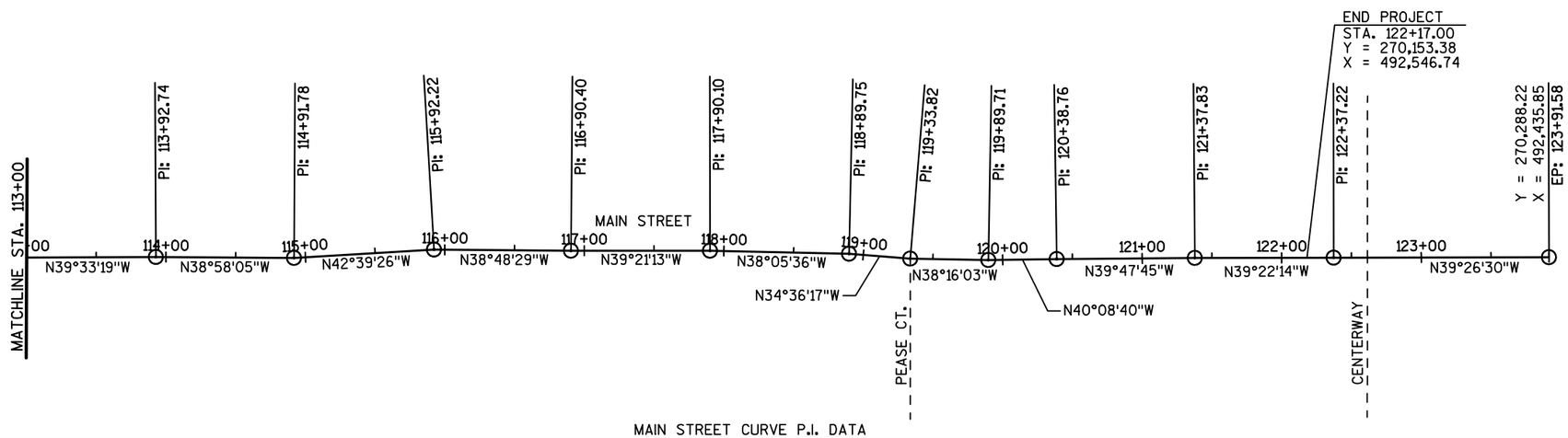
NO.	DESCRIPTION	STATION	OFFSET	ELEV.
1	TOP NUT OF HYDRANT	122+89.8	33.5' RT	776.04
2	TOP NUT OF HYDRANT	119+66.2	20.0' RT	775.52
3	TOP NUT OF HYDRANT	113+6.2	21.5' RT	775.99
4	TOP NUT OF HYDRANT	109+83.2	31.0' LT	779.31
5	TOP NUT OF HYDRANT	108+97.7	30.3' RT	779.76
6	TOP NUT OF HYDRANT	104+63.8	29.6' RT	778.96
7	TOP OF STONE	103+66.9	56.4' RT	776.60
8	TOP NUT OF HYDRANT	101+37.1	24.7' RT	777.81

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CONTROL POINT TIES	SHEET 112	E



MAIN STREET CURVE P.I. DATA

P.I. STA. = 101+01.42 Y = 268,513.08 X = 493,882.05 Δ. = 00°31'53"	P.I. STA. = 106+75.08 Y = 268,956.80 X = 493,518.45 Δ. = 00°11'11"	P.I. STA. = 109+85.59 Y = 269,197.61 X = 493,322.42 Δ. = 00°04'41"	P.I. STA. = 110+48.17 Y = 269,246.19 X = 493,282.98 Δ. = 03°23'51"	P.I. STA. = 110+94.55 Y = 269,283.87 X = 493,255.93 Δ. = 04°21'42"	P.I. STA. = 111+43.62 Y = 269,321.45 X = 493,224.37 Δ. = 01°54'21"	P.I. STA. = 112+71.51 Y = 269,422.05 X = 493,145.41 Δ. = 01°25'43"



MAIN STREET CURVE P.I. DATA

P.I. STA. = 113+92.74 Y = 269,515.52 X = 493,068.21 Δ. = 00°35'14"	P.I. STA. = 114+91.78 Y = 269,592.52 X = 493,005.92 Δ. = 03°41'21"	P.I. STA. = 115+92.22 Y = 269,666.39 X = 492,937.87 Δ. = 03°50'57"	P.I. STA. = 116+90.40 Y = 269,742.90 X = 492,876.33 Δ. = 00°32'44"	P.I. STA. = 117+90.10 Y = 269,819.99 X = 492,813.11 Δ. = 01°15'37"	P.I. STA. = 118+89.75 Y = 269,898.42 X = 492,751.64 Δ. = 03°29'19"	P.I. STA. = 119+33.82 Y = 269,934.68 X = 492,726.61 Δ. = 03°39'46"	P.I. STA. = 119+89.71 Y = 269,978.57 X = 492,691.99 Δ. = 01°52'37"	P.I. STA. = 120+38.76 Y = 270,016.06 X = 492,660.37 Δ. = 00°20'55"	P.I. STA. = 121+37.83 Y = 270,092.18 X = 492,596.96 Δ. = 00°25'31"	P.I. STA. = 122+37.22 Y = 270,169.02 X = 492,533.91 Δ. = 00°25'31"

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	ALIGNMENT OVERVIEW	SHEET 113	E

DATE 21JAN15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	5990-01-20 QUANTITY	5990-01-21 QUANTITY
0010	201.0120	Clearing	ID	365.000	365.000	
0020	201.0220	Grubbing	ID	417.000	417.000	
0030	204.0100	Removing Pavement	SY	3,587.000	2,227.000	1,360.000
0040	204.0110	Removing Asphaltic Surface	SY	192.000	192.000	
0050	204.0115	Removing Asphaltic Surface Butt Joints	SY	87.000	87.000	
0060	204.0120	Removing Asphaltic Surface Milling	SY	6,239.000	6,239.000	
0070	204.0130	Removing Curb	LF	495.000	495.000	
0080	204.0150	Removing Curb & Gutter	LF	3,275.000	3,275.000	
0090	204.0155	Removing Concrete Sidewalk	SY	4,950.000	4,950.000	
0100	204.0195	Removing Concrete Bases	EACH	24.000	24.000	
0110	204.0210	Removing Manholes	EACH	2.000	2.000	
0120	204.0220	Removing Inlets	EACH	6.000	6.000	
0130	204.0245	Removing Storm Sewer (size) 01. 12-Inch Or Less	LF	200.000	200.000	
0140	204.0245	Removing Storm Sewer (size) 02. 15 To 18-Inch	LF	45.000	45.000	
0150	204.9060.S	Removing (item description) 01. Luminaire And Mast Arm	EACH	12.000	12.000	
0160	204.9060.S	Removing (item description) 02. Overhead Sign Support	EACH	1.000	1.000	
0170	204.9060.S	Removing (item description) 03. Roadway Light Pole	EACH	12.000	12.000	
0180	204.9060.S	Removing (item description) 04. Wall Mounted Benches	EACH	9.000	9.000	
0190	204.9060.S	Removing (item description) 05. Median Planters	EACH	3.000	3.000	
0200	204.9060.S	Removing (item description) 06. Precast Parking Curb	EACH	7.000	7.000	
0210	204.9060.S	Removing (item description) 07. Transit Stop Shelter	EACH	1.000	1.000	
0220	204.9060.S	Removing (item description) 08. Cigarette Urn	EACH	1.000	1.000	
0230	204.9105.S	Removing (item description) 01. Pedestrian Flasher	LS	1.000	1.000	
0240	205.0100	Excavation Common	CY	1,816.000	1,090.000	726.000
0250	213.0100	Finishing Roadway (project) 01. 5990-01-20	EACH	1.000	1.000	
0260	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	1,055.000	1,055.000	
0270	340.0100	Cracking and Seating	SY	3,205.000	1,923.000	1,282.000
0280	390.0203	Base Patching Asphaltic	SY	3,436.000	2,062.000	1,374.000
0290	390.0303	Base Patching Concrete	SY	3,503.000	2,102.000	1,401.000
0300	415.1090	Concrete Pavement HES 9-Inch	SY	55.000	55.000	
0310	416.0160	Concrete Driveway 6-Inch	SY	57.000	57.000	
0320	416.0260	Concrete Driveway HES 6-Inch	SY	442.000	442.000	
0330	416.0610	Drilled Tie Bars	EACH	16.000	16.000	
0340	416.0620	Drilled Dowel Bars	EACH	22.000	22.000	
0350	455.0120	Asphaltic Material PG64-28	TON	79.000	32.000	47.000
0360	455.0605	Tack Coat	GAL	791.000	269.000	522.000
0370	460.1101	HMA Pavement Type E-1	TON	1,433.000	575.000	858.000
0380	460.2000	Incentive Density HMA Pavement	DOL	920.000	370.000	550.000
0390	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	46.000	46.000	
0400	465.0125	Asphaltic Surface Temporary	TON	134.000		134.000
0410	601.0407	Concrete Curb & Gutter 18-Inch Type D	LF	325.000	325.000	
0420	601.0417	Concrete Curb & Gutter 30-Inch Type K	LF	25.000	25.000	
0430	601.0419	Concrete Curb & Gutter 30-Inch Type L	LF	2,875.000	2,875.000	

3

DATE 21JAN15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	5990-01-20 QUANTITY	5990-01-21 QUANTITY
0440	602.0405	Concrete Sidewalk 4-Inch	SF	23,400.000	23,400.000	
0450	602.0415	Concrete Sidewalk 6-Inch	SF	5,130.000	5,130.000	
0460	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	332.000	332.000	
0470	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	214.000	214.000	
0480	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	22.000	22.000	
0490	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	24.000	24.000	
0500	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	14.000	14.000	
0510	611.2004	Manholes 4-FT Diameter	EACH	2.000	2.000	
0520	611.2006	Manholes 6-FT Diameter	EACH	1.000	1.000	
0530	611.2007	Manholes 7-FT Diameter	EACH	1.000	1.000	
0540	611.3230	Inlets 2x3-FT	EACH	7.000	7.000	
0550	611.8110	Adjusting Manhole Covers	EACH	21.000	16.000	5.000
0560	611.8115	Adjusting Inlet Covers	EACH	21.000	21.000	
0570	611.8120.S	Cover Plates Temporary	EACH	5.000	5.000	
0580	612.0902.S	Insulation Board Polystyrene (inch) 01. 2-Inch	SY	92.440		92.440
0590	616.0700.S	Fence Safety	LF	9,508.000	9,508.000	
0600	619.1000	Mobilization	EACH	1.000	0.700	0.300
0610	620.0300	Concrete Median Sloped Nose	SF	100.000	100.000	
0620	623.0200	Dust Control Surface Treatment	SY	11,000.000	11,000.000	
0630	624.0100	Water	MGAL	25.000	25.000	
0640	625.0100	Topsoil	SY	140.000	140.000	
0650	627.0200	Mulching	SY	115.000	115.000	
0660	628.1504	Silt Fence	LF	200.000	200.000	
0670	628.1520	Silt Fence Maintenance	LF	200.000	200.000	
0680	628.1905	Mobilizations Erosion Control	EACH	7.000	7.000	
0690	628.1910	Mobilizations Emergency Erosion Control	EACH	7.000	7.000	
0700	628.2006	Erosion Mat Urban Class I Type A	SY	215.000	215.000	
0710	628.7020	Inlet Protection Type D	EACH	52.000	52.000	
0720	628.7560	Tracking Pads	EACH	7.000	7.000	
0730	629.0210	Fertilizer Type B	CWT	0.100	0.100	
0740	630.0140	Seeding Mixture No. 40	LB	2.900	2.900	
0750	631.1000	Sod Lawn	SY	422.000	422.000	
0760	632.0101	Trees (species) (size) (root) 01. Ginko, Princeton Sentry, B&B, 2 1/2" Cal.	EACH	8.000	8.000	
0770	632.0101	Trees (species) (size) (root) 02. Hawthorn, Crusader, B&B, 2" Cal.	EACH	1.000	1.000	
0780	632.0101	Trees (species) (size) (root) 03. Horsechestnut, Fruitless, B&B, 2 1/2" Cal.	EACH	2.000	2.000	
0790	632.0101	Trees (species) (size) (root) 04. Kentucky Coffeetree, Espresso, B&B, 2" Cal.	EACH	1.000	1.000	
0800	632.0101	Trees (species) (size) (root) 05. Lilac, Snowcap Japanese Tree, B&B, 2" Cal.	EACH	4.000	4.000	
0810	632.0101	Trees (species) (size) (root) 06. Pear, Autumn Blaze, B&B, 2 1/2" Cal.	EACH	5.000	5.000	
0820	632.0101	Trees (species) (size) (root) 07. Pear, Cleveland Select, B&B, 2 1/2" Cal.	EACH	8.000	8.000	
0830	632.0101	Trees (species) (size) (root) 08. Oak, Regal Prince, B&B, 2" Cal.	EACH	9.000	9.000	

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LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	5990-01-20 QUANTITY	5990-01-21 QUANTITY
0840	632.0101	Trees (species) (size) (root) 09. Elm, New Harmony, B&B, 2" Cal.	EACH	1.000	1.000	
0850	632.0201	Shrubs (species) (size) (root) 01. Coralberry, Hancock, Cg, #3	EACH	29.000	29.000	
0860	632.0201	Shrubs (species) (size) (root) 02. Honeysuckle, Northern Bush, Cg, #3	EACH	25.000	25.000	
0870	632.0201	Shrubs (species) (size) (root) 03. Rose, Henry Hudson, Cg #3	EACH	64.000	64.000	
0880	632.0201	Shrubs (species) (size) (root) 04. Spirea, Magic Carpet, Cg #3	EACH	36.000	36.000	
0890	632.0201	Shrubs (species) (size) (root) 05. Sumac, Gro-Low Fragrant, Cg #5	EACH	35.000	35.000	
0900	632.9101	Landscape Planting Surveillance and Care Cycles	EACH	90.000	90.000	
0910	634.0814	Posts Tubular Steel 2x2-Inch X 14-FT	EACH	35.000	35.000	
0920	634.0816	Posts Tubular Steel 2x2-Inch X 16-FT	EACH	4.000	4.000	
0930	637.2210	Signs Type II Reflective H	SF	262.500	262.500	
0940	637.2215	Signs Type II Reflective H Folding	SF	50.000	50.000	
0950	637.2230	Signs Type II Reflective F	SF	33.000	33.000	
0960	638.2102	Moving Signs Type II	EACH	3.000	3.000	
0970	638.2602	Removing Signs Type II	EACH	75.000	75.000	
0980	638.3000	Removing Small Sign Supports	EACH	28.000	28.000	
0990	642.5001	Field Office Type B	EACH	1.000	1.000	
1000	643.0100	Traffic Control (project) 01. 5990-01-20	EACH	1.000	1.000	
1010	643.0300	Traffic Control Drums	DAY	15,776.000	15,776.000	
1020	643.0420	Traffic Control Barricades Type III	DAY	3,264.000	3,264.000	
1030	643.0705	Traffic Control Warning Lights Type A	DAY	10,880.000	10,880.000	
1040	643.0800	Traffic Control Arrow Boards	DAY	544.000	544.000	
1050	643.0900	Traffic Control Signs	DAY	7,269.000	7,269.000	
1060	643.1000	Traffic Control Signs Fixed Message	SF	105.000	105.000	
1070	643.1050	Traffic Control Signs PCMS	DAY	544.000	544.000	
1080	643.2000	Traffic Control Detour (project) 01. 5990-01-20	EACH	1.000	1.000	
1090	643.3000	Traffic Control Detour Signs	DAY	8,108.000	8,108.000	
1100	646.0106	Pavement Marking Epoxy 4-Inch	LF	3,785.000	3,785.000	
1110	646.0126	Pavement Marking Epoxy 8-Inch	LF	370.000	370.000	
1120	647.0156	Pavement Marking Arrows Epoxy Type 1	EACH	4.000	4.000	
1130	647.0166	Pavement Marking Arrows Epoxy Type 2	EACH	4.000	4.000	
1140	647.0356	Pavement Marking Words Epoxy	EACH	8.000	8.000	
1150	647.0556	Pavement Marking Stop Line Epoxy 12-Inch	LF	265.000	265.000	
1160	647.0656	Pavement Marking Parking Stall Epoxy	LF	1,095.000	1,095.000	
1170	647.0766	Pavement Marking Crosswalk Epoxy 6-Inch	LF	1,340.000	1,340.000	
1180	647.0786	Pavement Marking Crosswalk Epoxy 18-Inch	LF	150.000	150.000	
1190	650.4000	Construction Staking Storm Sewer	EACH	11.000	11.000	
1200	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	3,720.000	3,720.000	
1210	650.8000	Construction Staking Resurfacing Reference	LF	2,000.000	2,000.000	
1220	650.8500	Construction Staking Electrical Installations (project) 01. 5990-01-20	LS	1.000	1.000	
1230	650.9910	Construction Staking Supplemental Control (project) 01. 5990-01-20	LS	1.000	1.000	
1240	650.9920	Construction Staking Slope Stakes	LF	290.000	290.000	
1250	652.0210	Conduit Rigid Nonmetallic Schedule 40 1-Inch	LF	408.000	408.000	

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LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	5990-01-20 QUANTITY	5990-01-21 QUANTITY
1260	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	3,619.000	3,619.000	
1270	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	271.000	271.000	
1280	652.0325	Conduit Rigid Nonmetallic Schedule 80 2-Inch	LF	655.000	655.000	
1290	652.0615	Conduit Special 3-Inch	LF	1,068.000	1,068.000	
1300	652.0700.S	Install Conduit into Existing Item	EACH	5.000	5.000	
1310	652.0800	Conduit Loop Detector	LF	1,582.000	1,582.000	
1320	653.0130	Pull Boxes Steel 18x36-Inch	EACH	49.000	49.000	
1330	653.0135	Pull Boxes Steel 24x36-Inch	EACH	7.000	7.000	
1340	653.0140	Pull Boxes Steel 24x42-Inch	EACH	17.000	17.000	
1350	653.0905	Removing Pull Boxes	EACH	53.000	53.000	
1360	654.0101	Concrete Bases Type 1	EACH	8.000	8.000	
1370	654.0102	Concrete Bases Type 2	EACH	3.000	3.000	
1380	654.0217	Concrete Control Cabinet Bases Type 9 Special	EACH	2.000	2.000	
1390	655.0210	Cable Traffic Signal 3-14 AWG	LF	384.000	384.000	
1400	655.0230	Cable Traffic Signal 5-14 AWG	LF	488.000	488.000	
1410	655.0270	Cable Traffic Signal 15-14 AWG	LF	2,266.000	2,266.000	
1420	655.0310	Cable Type UF 2-12 AWG	LF	692.000	692.000	
1430	655.0515	Electrical Wire Traffic Signals 10 AWG	LF	3,275.000	3,275.000	
1440	655.0610	Electrical Wire Lighting 12 AWG	LF	702.000	702.000	
1450	655.0615	Electrical Wire Lighting 10 AWG	LF	6,495.000	6,495.000	
1460	655.0620	Electrical Wire Lighting 8 AWG	LF	4,845.000	4,845.000	
1470	655.0625	Electrical Wire Lighting 6 AWG	LF	1,521.000	1,521.000	
1480	655.0630	Electrical Wire Lighting 4 AWG	LF	1,716.000	1,716.000	
1490	655.0645	Electrical Wire Lighting 1/0 AWG	LF	12,888.000	12,888.000	
1500	655.0700	Loop Detector Lead In Cable	LF	3,009.000	3,009.000	
1510	655.0800	Loop Detector Wire	LF	4,576.000	4,576.000	
1520	657.0100	Pedestal Bases	EACH	8.000	8.000	
1530	657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	3.000	3.000	
1540	657.0420	Traffic Signal Standards Aluminum 13-FT	EACH	6.000	6.000	
1550	657.0430	Traffic Signal Standards Aluminum 10-FT	EACH	2.000	2.000	
1560	658.0110	Traffic Signal Face 3-12 Inch Vertical	EACH	14.000	14.000	
1570	658.0215	Backplates Signal Face 3 Section 12-Inch	EACH	14.000	14.000	
1580	658.0416	Pedestrian Signal Face 16-Inch	EACH	16.000	16.000	
1590	658.0500	Pedestrian Push Buttons	EACH	16.000	16.000	
1600	658.0600	Led Modules 12-Inch Red Ball	EACH	21.000	21.000	
1610	658.0605	Led Modules 12-Inch Yellow Ball	EACH	21.000	21.000	
1620	658.0610	Led Modules 12-Inch Green Ball	EACH	21.000	21.000	
1630	658.0620	Led Modules 12-Inch Yellow Arrow	EACH	2.000	2.000	
1640	658.0625	Led Modules 12-Inch Green Arrow	EACH	2.000	2.000	
1650	658.0635	Led Modules Pedestrian Countdown Timer 16-Inch	EACH	16.000	16.000	
1660	658.5069	Signal Mounting Hardware (location) 01. Main Street And Court Street	LS	1.000	1.000	
1670	658.5069	Signal Mounting Hardware (location) 02. Main Street And Milwaukee Street	LS	1.000	1.000	
1680	670.0100	Field System Integrator	LS	1.000	1.000	
1690	678.0500	Communication System Testing	LS	1.000	1.000	
1700	690.0150	Sawing Asphalt	LF	2,245.000	535.000	1,710.000
1710	690.0250	Sawing Concrete	LF	4,930.000	2,765.000	2,165.000
1720	715.0415	Incentive Strength Concrete Pavement	DOL	500.000	500.000	

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LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	5990-01-20 QUANTITY	5990-01-21 QUANTITY
1730	999.1500.S	Crack and Damage Survey	LS	1.000	1.000	
1740	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	500.000	500.000	
1750	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	350.000	350.000	
1760	SPV.0035	Special 01. Granular Backfill Special	CY	5,055.000		5,055.000
1770	SPV.0035	Special 02. Excavation Below Subgrade (Ebs)	CY	100.000		100.000
1780	SPV.0035	Special 03. Planting Soil Mix	CY	593.000	593.000	
1790	SPV.0045	Special 01. Temporary Crosswalk Access	DAY	1,071.000	1,071.000	
1800	SPV.0060	Special 01. Unknown Service Investigation	EACH	16.000		16.000
1810	SPV.0060	Special 02. Manhole Cover Type Special Logo	EACH	4.000	4.000	
1820	SPV.0060	Special 03. Inlet Cover Type H Special Logo	EACH	7.000	7.000	
1830	SPV.0060	Special 04. Utility Line Opening (Ulo)	EACH	25.000	25.000	
1840	SPV.0060	Special 05. Concrete Base Type 3 Special	EACH	9.000	9.000	
1850	SPV.0060	Special 06. Roadway Light Pole	EACH	9.000	9.000	
1860	SPV.0060	Special 07. Decorative Luminaire	EACH	9.000	9.000	
1870	SPV.0060	Special 08. Decorative Mast Arm	EACH	9.000	9.000	
1880	SPV.0060	Special 09. Existing Pedestrian Light Modifications	EACH	34.000	34.000	
1890	SPV.0060	Special 10. Reconnect Existing Service	EACH	34.000		34.000
1900	SPV.0060	Special 11. Pedestrian Pole Bracket Arm	EACH	13.000	13.000	
1910	SPV.0060	Special 12. Perennials, Aster, Purple Dome, Cg, #1	EACH	30.000	30.000	
1920	SPV.0060	Special 13. Perennials, Chive, Summer Beauty, Cg, #1	EACH	171.000	171.000	
1930	SPV.0060	Special 14. Perennials, Coneflower, Little Giant, Cg, #1	EACH	48.000	48.000	
1940	SPV.0060	Special 15. Perennials, Daylily, Happy Returns, Cg, #1	EACH	74.000	74.000	
1950	SPV.0060	Special 16. Perennials, Dropseed, Prairie, Cg, #1	EACH	64.000	64.000	
1960	SPV.0060	Special 17. Perennials, Feather Reed Grass, Karl Foerster, Cg, #1	EACH	52.000	52.000	
1970	SPV.0060	Special 18. Perennials, Lilyturf, Cg, #Sp04	EACH	180.000	180.000	
1980	SPV.0060	Special 19. Perennials, Milkweed, Butterfly, Cg, #1	EACH	33.000	33.000	
1990	SPV.0060	Special 20. Perennials, Tufted Hairgrass, Gold Dew, Cg, #1	EACH	159.000	159.000	
2000	SPV.0060	Special 21. Perennials, Switchgrass, Shenahdoah, Cg, #1	EACH	27.000	27.000	
2010	SPV.0060	Special 22. Install City Supplied Street Name Sign	EACH	8.000	8.000	
2020	SPV.0060	Special 23. Bulbs, Daffodil, Mixed	EACH	40.000	40.000	
2030	SPV.0060	Special 24. Bicycle Rack	EACH	13.000	13.000	
2040	SPV.0060	Special 25. Trash Receptacle	EACH	21.000	21.000	
2050	SPV.0060	Special 26. Trash Receptacle (Salvage/Reinstall)	EACH	10.000	10.000	
2060	SPV.0060	Special 27. Bench, 6-Foot, Backed	EACH	6.000	6.000	
2070	SPV.0060	Special 28. Bench, 6-Foot, Backless	EACH	27.000	27.000	
2080	SPV.0060	Special 29. Bench, 6-Foot, Backed (Salvage/Reinstall)	EACH	6.000	6.000	
2090	SPV.0060	Special 30. Abandon Existing Water Main	EACH	6.000		6.000
2100	SPV.0060	Special 31. Water Main Offset 6-Inch	EACH	2.000		2.000

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LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	5990-01-20 QUANTITY	5990-01-21 QUANTITY
2110	SPV.0060	Special 32. Water Main Offset 12-Inch	EACH	4.000		4.000
2120	SPV.0060	Special 33. New Hydrant	EACH	8.000		8.000
2130	SPV.0060	Special 34. Gate Valve With Manhole 4-Inch	EACH	2.000		2.000
2140	SPV.0060	Special 35. Gate Valve And Box 4-Inch	EACH	1.000		1.000
2150	SPV.0060	Special 36. Gate Valve With Manhole 6-Inch	EACH	8.000		8.000
2160	SPV.0060	Special 37. Gate Valve And Box 6-Inch	EACH	2.000		2.000
2170	SPV.0060	Special 38. Gate Valve With Manhole 8-Inch	EACH	1.000		1.000
2180	SPV.0060	Special 39. Gate Valve With Manhole 12-Inch	EACH	5.000		5.000
2190	SPV.0060	Special 40. Water Service Replacement Short	EACH	10.000		10.000
2200	SPV.0060	Special 41. Water Service Replacement Long	EACH	15.000		15.000
2210	SPV.0090	Special 01. Planter Curb Special	LF	495.000	495.000	
2220	SPV.0090	Special 02. Planter Curb Sacked Rubbed Surface Finish	LF	1,225.000	1,225.000	
2230	SPV.0090	Special 03. Planter Wall Sacked Rubbed Surface Finish	LF	180.000	180.000	
2240	SPV.0090	Special 04. Pavement Marking, Special, Preformed Thermoplastic	LF	549.000	549.000	
2250	SPV.0090	Special 05. Ductile Iron Water Main 4 Or 6-Inch	LF	573.000		573.000
2260	SPV.0090	Special 06. Ductile Iron Water Main 8-Inch	LF	30.000		30.000
2270	SPV.0090	Special 07. Ductile Iron Water Main 12-Inch	LF	2,240.000		2,240.000
2280	SPV.0090	Special 08. Televising Sanitary & Storm Sewer	LF	2,000.000		2,000.000
2290	SPV.0105	Special 01. Rectangular Rapid Flashing Beacon (Rrfb) With Pedestrian Activation	LS	1.000	1.000	
2300	SPV.0105	Special 02. Remove, Salvage, And Reinstall Traffic Signal Equipment (Main & Court)	LS	1.000	1.000	
2310	SPV.0105	Special 03. Remove, Salvage, And Reinstall Traffic Signal Eqpmnt (Main & Milwaukee)	LS	1.000	1.000	
2320	SPV.0105	Special 04. Traffic Signal Cabinet And Salvaged Controller (Main & Court)	LS	1.000	1.000	
2330	SPV.0105	Special 05. Traffic Signal Cabinet And Salvaged Controller (Main & Milwaukee)	LS	1.000	1.000	
2340	SPV.0105	Special 06. Locate And Reference Property Corners	LS	1.000	1.000	
2350	SPV.0105	Special 07. Reset Property Corners	LS	1.000	1.000	
2360	SPV.0105	Special 08. Sanitary Sewer Repair	LS	1.000		1.000
2370	SPV.0105	Special 09. Emergency Vehicle Preemption System (Main & Milwaukee)	LS	1.000	1.000	
2380	SPV.0165	Special 01. Concrete Sidewalk, 4-Inch, Colored	SF	12,070.000	12,070.000	
2390	SPV.0165	Special 02. Abandoned Vault Removal Masonry, Depth To 5'	SF	125.000	125.000	
2400	SPV.0165	Special 03. Abandoned Vault Removal Masonry, Depth Over 5'	SF	125.000	125.000	
2410	SPV.0165	Special 04. Abandoned Vault Removal Reinforced Concrete 0"-10", Depth To 5'	SF	125.000	125.000	

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LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	5990-01-20 QUANTITY	5990-01-21 QUANTITY
2420	SPV.0165	Special 05. Abandoned Vault Removal Reinforced Concrete 0"-10", Depth Over 5'	SF	75.000	75.000	
2430	SPV.0165	Special 06. Abandoned Vault Removal Reinforced Concrete 10"+, Depth To 5'	SF	75.000	75.000	
2440	SPV.0165	Special 07. Abandoned Vault Removal Reinforced Concrete 10"+, Depth Over 5'	SF	75.000	75.000	
2450	SPV.0180	Special 01. Shredded Hardwood Bark Mulch	SY	1,159.000	1,159.000	
2460	SPV.0180	Special 02. Gravel Mulch	SY	200.000	200.000	

CLEARING & GRUBBING

CATEGORY	STATION	LOCATION	(201.0120) CLEARING I.D.	(201.0220) GRUBBING I.D.
0010	101+62	LT	14	14
	101+93	RT	12	12
	102+03	LT	2	2
	102+39	RT	10	10
	102+80	RT	12	12
	103+30	RT	-	12
	105+87	RT	6	6
	105+94	LT	6	6
	106+89	RT	12	12
	107+65	RT	2	2
	111+12	LT	12	12
	111+54	RT	-	12
	111+95	LT	12	12
	112+34	RT	9	9
	112+56	LT	6	6
	112+94	RT	12	12
	113+18	RT	10	10
	113+37	RT	10	10
	113+57	RT	10	10
	113+82	LT	6	6
	114+25	LT	8	8
	114+36	RT	6	6
	114+52	RT	6	6
	114+68	LT	10	10
	114+72	RT	8	8
	114+76	LT	6	6
	115+14	LT	8	8
	115+56	RT	6	6
	115+63	RT	2	2
	115+65	LT	10	10
	116+33	RT	8	8
	116+63	RT	10	10
	116+77	LT	12	12
	117+15	RT	12	12
	117+22	LT	12	12
	117+55	RT	12	12
	117+72	LT	12	12
	117+93	RT	-	12
	118+09	LT	12	12
	118+29	RT	12	12
	118+69	RT	12	12
	118+92	RT	8	8
	119+60	LT	2	2
	119+68	LT	2	2
	119+83	RT	-	8
	119+97	LT	6	6
	120+59	RT	-	8
PROJECT TOTALS			**365**	**417**

REMOVING CURB AND GUTTER

CATEGORY	STATION	TO STATION	LOCATION	(204.0130) REMOVING CURB LF	(204.0150) REMOVING CURB & GUTTER LF
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	85	150
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	-	450
	103+77	105+05	E. COURT ST. INTERSECTION	45	270
	105+05	109+50	E. COURT ST. TO E. MILWAUKEE ST.	150	700
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	40	500
	113+23	118+78	E. WALL STREET - PEASE CT.	175	640
	118+78	120+12	PEASE CT.	-	260
	120+12	122+17	PEASE CT. TO CENTERWAY	-	305
			PROJECT TOTALS	**495**	**3,275**

REMOVING PAVEMENT

CATEGORY	STATION	TO STATION	LOCATION	* (204.0100) SY
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	235
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	366
	103+77	105+05	E. COURT ST. INTERSECTION	465
	105+05	109+50	E. COURT ST. TO E. MILWAUKEE ST.	1029
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	7
	113+23	118+78	E. WALL STREET - PEASE CT.	60
	120+12	122+17	PEASE CT. TO CENTERWAY	65
			PROJECT TOTAL	**2,227**

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

REMOVING CONCRETE SIDEWALK

CATEGORY	STATION	TO STATION	LOCATION	(204.0155) SY
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	110
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	650
	103+77	105+05	E. COURT STREET INTERSECTION	255
	105+05	109+50	E. COURT STREET TO MILWAUKEE ST.	1,050
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	975
	113+23	118+78	E. WALL STREET - PEASE CT.	1,390
	118+78	120+12	PEASE CT.	260
	120+12	122+17	PEASE CT. TO CENTERWAY	260
			PROJECT TOTAL	**4,950**

REMOVING PRECAST PARKING CURB

CATEGORY	STATION	LOCATION	(204.9060.S.06) EACH
0010	121+41	LT	1
	121+51	LT	1
	121+61	LT	1
	121+71	LT	1
	121+81	LT	1
	121+91	LT	1
	122+01	LT	1
	PROJECT TOTAL		**7**

REMOVING WALL MOUNTED BENCHES

CATEGORY	STATION	LOCATION	(204.9060.S.04) EACH
0010	111+03	LT	1
	111+18	LT	1
	111+23	LT	1
	112+57	LT	1
	112+93	LT	1
	114+77	LT	1
	114+96	LT	1
	115+03	LT	1
	115+40	LT	1
	PROJECT TOTAL		**9**

REMOVING MEDIAN PLANTERS

CATEGORY	STATION	LOCATION	(204.9060.S.05) EACH
0010	110+25	MEDIAN	1
	110+33	MEDIAN	1
	110+41	MEDIAN	1
	PROJECT TOTAL		**3**

REMOVING TRANSIT STOP SHELTER

CATEGORY	STATION	LOCATION	(204.9060.S.07) EACH
0010	117+50	RT	1
	PROJECT TOTAL		**1**

REMOVING CIGARETTE URN

CATEGORY	STATION	LOCATION	(204.9060.S.08) EACH
0010	111+07	LT	1
	PROJECT TOTAL		**1**

REMOVING OVERHEAD SIGN SUPPORT

CATEGORY	STATION	LOCATION	(204.9060.S.02) EACH
0010	106+00	LT	1
	PROJECT TOTAL		**1**

REMOVING ASPHALTIC SURFACE

CATEGORY	STATION	TO STATION	LOCATION	(204.0110) SY	(204.0115) BUTT JOINTS SY	(204.0120) MILLING SY
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	-	32	272
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	-	-	686
	103+77	105+05	E. COURT ST. INTERSECTION	-	-	498
	105+05	109+50	E. COURT ST. TO E. MILWAUKEE ST.	11	19	1,847
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	7	7	978
	113+23	118+78	E. WALL STREET - PEASE CT.	48	7	1,179
	118+78	120+12	PEASE CT.	10	11	178
	120+12	122+17	PEASE CT. TO CENTERWAY	116	12	603
			PROJECT TOTALS	**192**	**87**	**6,239**

REMOVING STORM SEWER STRUCTURES

CATEGORY	STATION	LOCATION	(204.0210) REMOVING MANHOLES EACH	(204.0220) REMOVING INLETS EACH
0010	100+75	LT	1	-
	101+66	LT	-	1
	109+21	LT	-	1
	109+24	LT	-	1
	112+89	RT	1	-
	113+09	RT	-	1
	119+06	RT	-	1
	119+65	RT	-	1
	PROJECT TOTALS		**2**	**6**

REMOVING STORM SEWER

CATEGORY	STATION	TO STATION	LOCATION	(204.0245.01) 12-INCH OR LESS LF	(204.0245.02) 15 TO 18-INCH LF
0010	100+75	100+92	LT	17	-
	100+92	101+66	LT	74	-
	108+78	109+21	LT	44	-
	109+21	109+24	LT	4	-
	109+24	109+38	LT	14	-
	112+76	112+89	LT/RT	-	23
	112+89	113+09	RT	21	-
	112+76	112+77	LT	-	22
	119+06	119+18	RT	12	-
	119+18	119+65	RT	14	-
	PROJECT TOTALS			**200**	**45**

EXCAVATION COMMON

CATEGORY	STATION	TO STATION	LOCATION	* (205.0100) CY
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	67
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	99
	103+77	105+05	E. COURT ST. INTERSECTION	96
	105+05	109+50	E. COURT ST. TO E. MILWAUKEE ST.	253
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	98
	113+23	118+78	E. WALL STREET - PEASE CT.	150
	118+78	120+12	PEASE CT.	40
	120+12	122+17	PEASE CT. TO CENTERWAY	47
			UNDISTRIBUTED	240
			PROJECT TOTAL	**1,090**

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

BASE AGGREGATE DENSE 1 1/4-INCH

CATEGORY	STATION	TO STATION	LOCATION	(305.0120) TON
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	33
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	127
	103+77	105+05	E. COURT ST. INTERSECTION	56
	105+05	109+50	E. COURT ST. TO E. MILWAUKEE ST.	231
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	189
	113+23	118+78	E. WALL STREET - PEASE CT.	299
	118+78	120+12	PEASE CT.	60
	120+12	122+17	PEASE CT. TO CENTERWAY	59
			PROJECT TOTAL	**1,055**

BASE PATCHING CONCRETE AND CRACKING AND SEATING

CATEGORY	STATION	TO STATION	LOCATION	* (340.0100) SY	* (390.0303) SY
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	237	246
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	324	360
	103+77	105+05	E. COURT ST. INTERSECTION	399	411
	105+05	109+50	E. COURT ST. TO E. MILWAUKEE ST.	846	912
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	117	135
	113+23	118+78	E. WALL STREET - PEASE CT.	-	15
	118+78	120+12	PEASE CT.	-	10
	120+12	122+17	PEASE CT. TO CENTERWAY	-	13
			PROJECT TOTALS	**1,923**	**2,102**

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

CONCRETE PAVEMENT HES 9-INCH

CATEGORY	STATION	TO STATION	LOCATION	(415.1090) SY
	103+77	105+05	E. COURT ST. INTERSECTION	55
			PROJECT TOTAL	**55**

REMOVING STREET LIGHTING

CATEGORY	POLE NO.	STATION	LOCATION	* (204.0195) REMOVING CONCRETE BASES EACH	(204.9060.S.01) REMOVING LUMINAIRE AND MAST ARM EACH	(204.9060.S.03) REMOVING ROADWAY LIGHT POLE EACH
0010	EX LP-1	100+70	19' LT	1	1	1
	EX LP-2	101+37	25' RT	1	1	1
	EX LP-3	103+88	26' LT	1	1	1
	EX LP-4	104+74	31' RT	1	1	1
	EX LP-5	108+98	33' LT	1	1	1
	EX LP-6	109+75	29' RT	1	1	1
	EX LP-7	112+42	28' LT	1	1	1
	EX LP-8	113+11	22' RT	1	1	1
	EX LP-9	114+76	21' RT	1	1	1
	EX LP-10	116+35	20' LT	1	1	1
	EX LP-11	118+93	22' RT	1	1	1
	EX LP-12	119+23	17' LT	1	1	1
			PROJECT TOTALS	**12**	**12**	**12**

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

DRILLED TIE BARS

CATEGORY	STATION	TO STATION	LOCATION	(416.0610) EACH
	103+77	105+05	E. COURT ST. INTERSECTION	16
			PROJECT TOTAL	**16**

DRILLED DOWEL BARS

CATEGORY	STATION	TO STATION	LOCATION	(416.0620) EACH
	103+77	105+05	E. COURT ST. INTERSECTION	22
			PROJECT TOTAL	**22**

STORM SEWER PIPE REINFORCED CONCRETE

CATEGORY	STRUCTURE I.D. FROM	TO	(608.0312) CLASS III 12-INCH LF	(608.0315) CLASS III 15-INCH LF	(608.0318) CLASS III 18-INCH LF	(608.0412) CLASS IV 12-INCH LF
0010	1.0	EX.1	17	-	-	-
	EX.1	1.1	76	-	-	-
	4.1	EXIST 42" X 60"	17	-	-	-
	4.2	4.1	7	-	-	-
	EX.4	4.2	38	-	-	-
	EX.2	2.0	-	-	24	-
	2.0	2.1	-	22	-	-
	2.1	2.2	23	-	-	-
	5.1	EX.5	-	-	-	14
	EX.6	6.1	20	-	-	-
	EX.7	7.1	16	-	-	-
	PROJECT TOTALS		**214**	**22**	**24**	**14**

ASPHALT PAVEMENT

CATEGORY	STATION	TO STATION	LOCATION	* (455.0120) ASPHALTIC MATERIAL PG64-28 TON	* (455.0605) TACK COAT GAL	* (460.1101) HMA PAVEMENT TYPE E-1 TON	(465.0120) ASHPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	1	14	23	0
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	2	26	43	0
	103+77	105+05	E. COURT ST. INTERSECTION	2	21	34	2
	105+05	109+50	E. COURT ST. TO E. MILWAUKEE ST.	6	69	113	3
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	6	44	100	2
	113+23	118+78	E. WALL STREET - PEASE CT.	9	60	163	11
	118+78	120+12	PEASE CT.	2	12	34	2
	120+12	122+17	PEASE CT. TO CENTERWAY	4	23	65	27
			PROJECT TOTALS	**32**	**269**	**575**	**46**

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

CONCRETE DRIVEWAY

CATEGORY	STATION	TO STATION	LOCATION	(416.0160) 6-INCH SY	(416.0260) HES 6-INCH SY
0010	105+05	109+50	E. COURT STREET TO MILWAUKEE ST.	41	-
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	16	-
	113+23	118+78	E. WALL STREET - PEASE CT.	-	231
	118+78	120+12	PEASE CT.	-	38
	120+12	122+17	PEASE CT. TO CENTERWAY	-	173
			PROJECT TOTALS	**57**	**442**

CONCRETE CURB & GUTTER

CATEGORY	STATION	TO STATION	LOCATION	(601.0407) 18-INCH TYPE D LF	(601.0417) 30-INCH TYPE K LF	(601.0419) 30-INCH TYPE L LF	(SPV.0090.01) PLANTER CURB SPECIAL LF	(650.5500) CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	-	-	150	85	235
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	65	-	385	-	450
	103+77	105+05	E. COURT STREET INTERSECTION	50	25	195	45	315
	105+05	109+50	E. COURT STREET TO MILWAUKEE ST.	210	-	490	150	850
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	-	-	450	40	490
	113+23	118+78	E. WALL STREET TO PEASE CT.	-	-	640	175	815
	118+78	120+12	PEASE CT.	-	-	260	-	260
	120+12	122+17	PEASE CT. TO CENTERWAY	-	-	305	-	305
			PROJECT TOTALS	**325**	**25**	**2,875**	**495**	**3,720**

CONCRETE SIDEWALK

CATEGORY	STATION	TO STATION	LOCATION	(602.0405) 4-INCH SF	(602.0415) 6-INCH SF	(SPV.0165.01) 4-INCH, COLORED SF
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	360	695	-
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	2,475	-	2,575
	103+77	105+05	E. COURT STREET INTERSECTION	390	885	-
	105+05	109+50	E. COURT STREET TO MILWAUKEE ST.	1,305	1,300	3,350
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	1,400	1,370	2,050
	113+23	118+78	E. WALL STREET - PEASE CT.	2,290	280	4,095
	118+78	120+12	PEASE CT.	230	600	-
	120+12	122+17	PEASE CT. TO CENTERWAY	-	-	-
			CATEGORY 0010 TOTALS	**8,450**	**5,130**	**12,070**
0020	100+50	101+40	ST. LAWRENCE INTERSECTION	-	-	-
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	560	-	-
	103+77	105+05	E. COURT STREET INTERSECTION	540	-	-
	105+05	109+50	E. COURT STREET TO MILWAUKEE ST.	3,630	-	-
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	2,465	-	-
	113+23	118+78	E. WALL STREET - PEASE CT.	5,080	-	-
	118+78	120+12	PEASE CT.	775	-	-
	120+12	122+17	PEASE CT. TO CENTERWAY	1,900	-	-
			CATEGORY 0020 TOTALS	**14,950**	**0**	**0**
			PROJECT TOTALS	**23,400**	**5,130**	**12,070**

BASE PATCHING ASPHALTIC

CATEGORY	STATION	TO STATION	LOCATION	* (390.0203) SY
0010	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	697
	113+23	118+78	E. WALL STREET - PEASE CT.	930
	118+78	120+12	PEASE CT.	210
	120+12	122+17	PEASE CT. TO CENTERWAY	225
			PROJECT TOTAL	**2,062**

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA

CATEGORY	STATION	LOCATION	(602.0515) SF
0010	100+77.2	25' RT	8
	100+83.7	33' RT	8
	100+77.0	17' LT	8
	100+84.7	29' LT	8
	101+14.4	30' LT	8
	101+28.1	16' LT	8
	101+23.5	33' RT	8
	101+28.7	27' RT	8
	103+93.1	26' LT	8
	104+05.3	41' LT	8
	103+93.6	30' RT	8
	103+98.8	34' RT	8
	104+49.4	35' RT	8
	104+60.3	23' RT	8
	104+56.4	40' LT	8
	104+60.8	28' LT	8
	106+72.9	24' LT	12
	106+73.0	23' RT	12
	109+07.3	26' LT	8
	109+23.4	39' LT	8
	109+05.5	25' RT	8
	109+10.7	39' RT	8
	109+68.8	38' LT	8
	109+74.9	32' LT	8
	109+60.0	40' RT	8
	109+69.2	30' RT	8
	112+53.2	24' RT	8
	112+56.5	31' RT	8
	112+59.8	15' LT	8
	112+87.7	15' LT	8
	112+93.3	32' RT	8
	112+96.7	25' RT	8
	115+97.4	29' LT	8
	116+26.4	30' LT	8
	119+08.2	16' LT	12
	119+10.4	23' RT	8
	119+17.3	32' RT	8
	119+54.1	30' RT	8
	119+64.9	19' RT	8
	119+64.9	13' LT	8
		PROJECT TOTAL	**332**

EXISTING MANHOLES AND INLETS

CATEGORY	STATION	LOCATION	* (611.8110) ADJUSTING MANHOLE COVERS EACH	(611.8115) ADJUSTING INLET COVERS EACH
0010	100+70.2	24.7' RT	1	-
	100+91.7	22.6' LT	1	-
	100+93.0	21.5' RT	1	-
	101+15.4	44.2' RT	1	-
	101+21.3	44.4' RT	-	1
	101+33.6	22.7' RT	-	1
	104+06.1	41.3' RT	-	1
	104+06.4	34.9' LT	-	1
	104+29.9	29.7' LT	1	-
	104+31.7	27.7' RT	1	-
	104+85.0	28.3' RT	-	1
	104+94.5	29.7' LT	-	1
	106+81.9	21.9' LT	-	1
	107+28.3	28.7' RT	-	1
	107+49.9	15.2' LT	1	-
	107+56.5	30.0' LT	-	1
	108+78.3	30.6' LT	-	1
	109+14.2	34.5' RT	1	-
	109+31.5	1.4' RT	1	-
	109+53.4	32.4' RT	1	-
	112+15.4	22.4' RT	-	1
	112+28.6	30.3' LT	-	1
	112+77.0	31.5' LT	1	-
	112+83.5	30.4' LT	-	1
	113+98.1	31.4' LT	-	1
	115+10.7	25.4' LT	-	1
	115+14.0	16.1' RT	-	1
	115+60.5	27.6' LT	-	1
	116+21.3	25.5' LT	1	-
	116+23.9	23.2' RT	1	-
	116+29.1	28.5' RT	-	1
	117+04.8	22.1' LT	-	1
	119+17.8	18.2' RT	1	-
	119+24.0	30.0' LT	1	-
	119+50.9	16.9' RT	1	-
	120+04.5	22.3' LT	-	1
	120+50.2	17.4' RT	-	1
		PROJECT TOTALS	**16**	**21**

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

STORM SEWER STRUCTURES

CATEGORY	STRUCTURE I.D.	STATION	LOCATION	(611.2004) MANHOLES TYPE 4-FT DIAMETER EACH	(611.2006) MANHOLES 6-FT DIAMETER EACH	(611.2007) MANHOLES 7-FT DIAMETER EACH	(611.3230) INLETS 2X3-FT EACH	(SPV.0060.02) MANHOLE COVER TYPE SPECIAL LOGO EACH	(SPV.0060.03) INLET COVER TYPE H SPECIAL LOGO EACH	(650.4000) CONSTRUCTION STAKING STORM SEWER EACH	DEPTH FEET	FLANGE OR RIM ELEVATION	INVERT	NOTES
0010	1.0	100+75.0	20.8' LT	1	-	-	-	1	-	1	4.96	774.35	768.39	
	1.1	101+67.4	21.3' LT	-	-	-	1	-	1	1	2.08	773.74	770.66	
	2.0	112+76.0	8.0' LT	-	1	-	-	1	-	1	5.46	773.00	766.54	
	2.1	112+89.3	9.7' RT	1	-	-	-	1	-	1	3.29	773.19	768.90	
	2.2	113+10.9	16.0' RT	-	-	-	1	-	1	1	0.86	773.01	771.15	
	3.0	115+99.0	31.6' LT	-	-	1	-	1	-	1	5.00	772.10	766.10	
	4.1	109+21.7	31.8' LT	-	-	-	1	-	1	1	2.12	776.15	773.03	
	4.2	109+16.3	27.0' LT	-	-	-	1	-	1	1	2.10	776.17	773.07	
	5.1	119+04.2	16.9' RT	-	-	-	1	-	1	1	1.11	772.65	770.54	
	6.1	119+71.4	17.0' RT	-	-	-	1	-	1	1	1.71	772.01	769.30	
	7.1	101+50.0	22.0' RT	-	-	-	1	-	1	1	1.04	774.23	772.19	
			PROJECT TOTALS	**2**	**1**	**1**	**7**	**4**	**7**	**11**				

CONCRETE MEDIAN SLOPED NOSE

CATEGORY	STATION	LOCATION	(620.0300) TYPE 1 SF
0010	109+85	LT & RT	50
	110+70	LT & RT	50
		PROJECT TOTAL	**100**

FINISHING ITEMS

CATEGORY	STATION	TO STATION	LOCATION	(627.0200) MULCHING SY	(629.0210) FERTILIZER TYPE B CWT	(630.0140) SEEDING MIXTURE NO. 40 LB
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	20	0.01	0.45
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	70	0.04	1.86
	103+77	105+05	E. COURT STREET INTERSECTION	-	-	-
	105+05	109+50	E. COURT STREET TO MILWAUKEE ST.	-	-	-
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	10	0.01	0.23
	113+23	118+78	E. WALL STREET - PEASE CT.	-	-	-
	118+78	120+12	PEASE CT.	15	0.01	0.33
	120+12	122+17	PEASE CT. TO CENTERWAY	-	-	-
			PROJECT TOTALS	**115**	**0.1**	**2.9**

MOBILIZATIONS EROSION CONTROL

CATEGORY	STAGE	(628.1905) EACH	(628.1910) EMERGENCY EACH
0010	STAGE 1	3	3
	STAGE 2	3	3
	UNDISTRIBUTED	1	1
	PROJECT TOTALS	**7**	**7**

INLET PROTECTION TYPE D

CATEGORY	STATION	LOCATION	(628.7020) EACH
0010	99+97	LT	1
	100+55	RT	1
	100+70	RT	1
	ST. LAWRENCE		2
	100+86	RT	1
	101+19	RT	1
	101+33	RT	1
	101+50	RT	1
	101+66	LT	2
	104+06	RT	1
	104+06	LT	1
	104+48	RT	1
	E. COURT ST.		1
	104+85	RT	1
	104+95	LT	1
	106+83	LT	1
	107+27	RT	1
	107+55	LT	1
	108+78	LT	1
	109+22	LT	4
	109+09	RT	1
	109+11	RT	1
	109+53	RT	1
	109+55	RT	1
	MILWAUKEE ST.		2
	112+14	RT	1
	112+28	LT	1
	112+50	RT	2
	112+90	RT	1
	113+09	RT	1
	113+13	RT	1
	113+97	LT	1
	115+14	RT	1
	116+30	RT	1
	117+05	LT	1
	119+05	RT	2
	119+20	RT	1
	119+51	RT	1
	119+64	RT	1
	119+71	RT	1
	120+04	LT	1
	120+50	RT	1
	122+21	LT	1
	122+25	RT	1
	PROJECT TOTAL		**52**

FENCE SAFETY

CATEGORY	STATION TO STATION	LOCATION	(616.0700.S) LF
0010	100+50 - 122+17	LT	4,334
	100+50 - 122+17	RT	4,334
	100+50-122+17	TEMPORARY CROSS WALKS	840
	PROJECT TOTAL		**9,508**

EROSION MAT URBAN CLASS I TYPE A

CATEGORY	STATION	TO STATION	LOCATION	(628.2006) SY
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	20
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	70
	103+77	105+05	E. COURT STREET INTERSECTION	-
	105+05	109+50	E. COURT STREET TO MILWAUKEE ST.	-
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	10
	113+23	118+78	E. WALL STREET - PEASE CT.	-
	118+78	120+12	PEASE CT.	15
	120+12	122+17	PEASE CT. TO CENTERWAY	-
			UNDISTRIBUTED	100
			PROJECT TOTAL	**215**

TRACKING PADS

CATEGORY	STAGE	LOCATION	(628.7560) EACH
0010	STAGE 1	ST. LAWRENCE	1
		E. COURT STREET	1
		MILWAUKEE ST	1
	STAGE 2	MILWAUKEE ST	1
		WALL STREET	1
		PEASE CT.	1
		CENTERWAY	1
	PROJECT TOTAL		**7**

UTILITY LINE OPENING (ULO)

CATEGORY	STATION	LOCATION	(SPV.0060.04) EACH
0010	100+63	RT	1
	100+73	RT	1
	100+79	LT	1
	101+09	LT	1
	101+37	LT	1
	101+37	RT	1
	101+98	LT	1
	104+00	RT	1
	104+12	RT	1
	104+41	LT	1
	106+42	RT	1
	108+12	RT	1
	109+13	LT	1
	109+29	RT	1
	109+35	LT	1
	109+41	RT	1
	112+52	RT	1
	112+76	LT	1
	115+70	RT	1
	115+83	RT	1
	119+23	LT	1
	UNDISTRIBUTED		4
	PROJECT TOTAL		**25**

SILT FENCE

CATEGORY	STATION	TO STATION	(628.1504) LF	(628.1520) MAINTENANCE LF
0010	UNDISTRIBUTED		200	200
	PROJECT TOTALS		**200**	**200**

DUST CONTROL

CATEGORY	STATION TO STATION	(623.0200) SURFACE TREATMENT SY	(624.0100) WATER MGAL
0010	UNDISTRIBUTED	11,000	25
	PROJECT TOTALS	**11,000**	**25**

MULCH

CATEGORY	STATION	STATION	* (SPV.0180.01) SHREDDED HARDWOOD BARK MULCH SY	(SPV.0180.02) GRAVEL MULCH SY
0010	UNDISTRIBUTED		200	200
	PROJECT TOTALS		**200**	**200**

*ADDITIONAL QUANTITY FOUND ELSEWHERE

PLANTING SOIL MIIX

CATEGORY	STATION	OFFSET	(SPV.0035.03) CY
0010	101+45	20.00' LT	14
	101+55	26.00' RT	1
	101+95	25.00' LT	4
	101+95	26.00' RT	5
	102+40	25.00' LT	1
	102+60	26.00' RT	15
	102+85	26.00' LT	1
	103+28	26.00' RT	5
	103+33	27.00' LT	1
	103+75	27.00' LT	1
	104+75	32.00' LT	14
	104+75	30.00' RT	5
	105+03	32.00' RT	1
	105+12	33.00' LT	1
	105+40	32.00' RT	5
	105+53	33.00' LT	1
	105+83	32.00' RT	4
	105+85	33.00' LT	4
	106+75	31.00' LT	19
	106+58	32.00' RT	9
	106+86	32.00' RT	8
	107+00	31.00' LT	18
	107+30	33.00' LT	1
	107+65	33.00' RT	5
	107+75	33.00' LT	1
	108+10	33.00' RT	1
	108+20	33.00' LT	3
	108+50	33.00' RT	1
	108+65	33.00' LT	3
	108+90	30.00' RT	8
	109+00	31.00' LT	8
	109+90	30.00' RT	1
	110+15	30.00' RT	1
	110+35	30.00' LT	4
	110+40	30.00' RT	3
	110+50	00.00' CENTER	24
	110+65	28.00' RT	3
	110+40	30.00' RT	3
	110+50	00.00' CENTER	24
	110+65	28.00' RT	3
	111+00	25.00' LT	37
	111+20	27.00' RT	3
	111+55	34.00' LT	1
	111+85	35.00' LT	1
	112+08	25.00' RT	4
	112+28	35.00' LT	6
	112+50	28.00' LT	27
	113+00	28.00' RT	32
	113+40	35.00' LT	1
	113+40	20.00' RT	16
	113+75	35.00' LT	3
	114+20	33.00' LT	5
	114+55	20.00' RT	17
	114+80	20.00' LT	30
	115+18	24.00' RT	3
	115+50	20.00' LT	40
	115+60	24.00' RT	5
	116+18	32.00' RT	4
	116+50	22.00' LT	16
	116+50	32.00' RT	4
	116+80	25.00' RT	22
	117+70	25.00' RT	30
	117+75	22.00' LT	2
	118+10	31.00' RT	4
	118+25	22.00' LT	21
	118+50	30.00' RT	4
	188+80	22.00' LT	6
	118+90	23.00' RT	22
	119+25	22.00' LT	3
	119+60	21.00' LT	1
	119+70	21.00' LT	2
	120+00	26.00' LT	11
	120+00	19.00' RT	3
	120+75	20.00' RT	2
PROJECT TOTAL			**593**

MOVING SIGNS TYPE II

CATEGORY	SIGN NO.	STATION	TO STATION	LOCATION	(638.2102) EACH
0010	3.8	115+92	115+92	LT	2
	4.2	118+50	118+19	LT	1
PROJECT TOTAL					**3**

SOD LAWN

CATEGORY	STATION	OFFSET	(631.1000) SY
0010	113+40	20.00' RT	35
	114+55	20.00' RT	36
	115+18	24.00' RT	27
	115+60	24.00' RT	39
	117+75	22.00' LT	14
	118+25	22.00' LT	45
	188+80	22.00' LT	54
	119+25	22.00' LT	29
	119+60	21.00' LT	13
	119+70	21.00' LT	15
	120+00	26.00' LT	24
	120+00	19.00' RT	23
	120+75	20.00' RT	21
	121+50	20.00' RT	47
PROJECT TOTAL			**422**

TOPSOIL

CATEGORY	STATION	TO STATION	(625.0100) SY
0010	UNDISTRIBUTED		140
PROJECT TOTAL			**140**

REMOVING SIGNS

CATEGORY	SIGN NO.	STATION	LOCATION	(638.2602) TYPE II EACH	(638.3000) REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
0010		100+84	LT	3	1	
		102+05	LT	1	1	
		103+45	LT	1	-	PEDESTRIAN LIGHT POLE
		103+90	LT	1	-	STREET LIGHT POLE
		104+68	LT	3	-	TRAFFIC SIGNAL POLE
		101+24	RT	1	1	
		101+36	RT	2	-	STREET LIGHT POLE
		102+36	RT	2	1	
		102+78	RT	1	1	
		103+80	RT	3	-	TRAFFIC SIGNAL POLE
		104+48	RT	1	-	STREET LIGHT POLE
		104+73	RT	1	-	TROMBONE ARM
		104+73	RT	1	-	STREET LIGHT POLE
		105+25	RT	1	-	PEDESTRIAN LIGHT POLE
		106+02	LT	3	-	OVERHEAD SIGN SUPPORT
		106+67	ONLINE	1	-	CROSSWALK
		106+80	LT	2	-	FLASHING CROSSWALK
		108+77	LT	1	1	
		109+80	LT	4	-	TRAFFIC SIGNAL POLE
		110+75	LT	2	1	
		111+42	LT	1	1	
		111+76	LT	1	-	PEDESTRIAN LIGHT POLE
		106+63	RT	2	-	FLASHING CROSSWALK
		107+61	RT	2	1	
		108+84	RT	2	-	TRAFFIC SIGNAL POLE
		109+87	ONLINE	1	1	
		110+13	RT	3	1	
		110+70	ONLINE	1	1	
		111+35	RT	1	-	STREET LIGHT POLE
		111+91	RT	1	1	
		112+28	LT	1	1	
		113+16	LT	2	1	
		113+62	LT	2	-	PEDESTRIAN LIGHT POLE
		114+84	LT	1	1	
		115+80	LT	1	1	
		117+48	LT	1	1	
		112+93	RT	3	1	
		113+11	RT	1	-	STREET LIGHT POLE
		114+48	RT	1	1	
		115+61	RT	1	1	
		116+49	RT	1	1	
		116+81	RT	1	1	
		117+67	RT	1	1	
		118+19	LT	1	1	
		119+23	LT	1	-	STREET LIGHT POLE
		119+71	LT	1	1	
		120+33	LT	1	-	ON BUILDING
		118+51	RT	1	1	
		119+56	RT	3	1	
PROJECT TOTALS				**75**	**28**	

PERMANENT SIGNING

CATEGORY	NO	STATION	LOCATION	CODE	SIZE IN X IN	(637.2210) SIGNS TYPE II REFLECTIVE H SF	(637.2230) SIGNS TYPE II REFLECTIVE F SF	(637.2215) SIGNS TYPE II REFLECTIVE H FOLDING EACH	(634.0814) POSTS TUBULAR STEEL 2X2-INCH 14-FT EACH	(634.0816) POSTS TUBULAR STEEL 2X2-INCH 16-FT EACH	(SPV.0060.22) INSTALL CITY SUPPLIED STREET NAME SIGN EACH	NOTE
0010	1.1	100+84	LT	D3-1	24 X 8	-	-	-	1	-	1	
	1.2	100+84	LT	D3-1	24 X 8	-	-	-	-	-	1	
	1.3	100+84	LT	R1-1	30 X 30	6.25	-	-	-	-	-	
	1.4	101+79	LT	R7-5R (MOD.)	18 X 24	3.00	-	-	-	-	-	ON STREET LIGHT POLE
	1.5	102+60	LT	R7-5D (MOD.)	18 X 24	3.00	-	-	-	-	-	ON STREET LIGHT POLE
	1.6	103+45	LT	R7-5D (MOD.)	18 X 24	3.00	-	-	-	-	-	ON STREET LIGHT POLE
	1.7	103+90	LT	R6-2L	24 X 30	5.00	-	-	-	-	-	ON TRAFFIC SIGNAL POLE
	1.8	104+68	LT	R6-2R	24 X 30	5.00	-	-	-	-	-	ON TRAFFIC SIGNAL POLE
	1.9	104+70	LT	R6-2L	24 X 30	5.00	-	-	-	-	-	ON TRAFFIC SIGNAL POLE
	1.10	104+70	LT	R1-1F	30 X 30	-	-	6.25	-	-	-	
	1.11	104+98	LT	R7-5R (MOD.)	18 X 24	3.00	-	-	-	-	-	ON STREET LIGHT POLE
	1.12	101+24	RT	R1-1	30 X 30	6.25	-	-	1	-	-	
	1.13	101+38	RT	R7-5L (MOD.)	18 X 24	3.00	-	-	1	-	-	
	1.14	101+38	RT	D4-1	30 X 24	5.00	-	-	-	-	-	
	1.15	102+36	RT	R7-5R (MOD.)	18 X 24	3.00	-	-	1	-	-	
	1.16	102+36	RT	R7-51L	18 X 24	3.00	-	-	-	-	-	
	1.17	102+78	RT	R3-8D	36 X 30	7.50	-	-	1	-	-	
	1.18	103+80	RT	R6-2R	24 X 30	5.00	-	-	-	-	-	ON TRAFFIC SIGNAL POLE
	1.19	103+80	RT	R1-1F	30 X 30	-	-	6.25	-	-	-	ON TRAFFIC SIGNAL POLE
	1.20	103+80	RT	R6-2L	24 X 30	5.00	-	-	-	-	-	ON TRAFFIC SIGNAL POLE
	1.21	104+49	RT	R2-1	24 X 30	5.00	-	-	-	-	-	ON STREET LIGHT POLE
	1.22	104+65	RT	R7-5L (MOD.)	18 X 24	3.00	-	-	-	-	-	ON TRAFFIC SIGNAL POLE
	1.23	104+65	RT	R6-2R	24 X 30	5.00	-	-	-	-	-	ON TRAFFIC SIGNAL POLE
	1.24	105+25	RT	R7-5D (MOD.)	18 X 24	3.00	-	-	-	-	-	ON STREET LIGHT POLE
	1.25	104+03	LT	R1-1F	30 X 30	-	-	6.25	-	-	-	ON TRAFFIC SIGNAL POLE
	1.26	104+58	LT	R1-1F	30 X 30	-	-	6.25	-	-	-	ON TRAFFIC SIGNAL POLE
	2.1	106+02	LT	R3-8-E	36 X 30	7.50	-	-	-	-	-	
	2.2	106+02	LT	R7-5D (MOD.)	18 X 24	3.00	-	-	1	-	-	
	2.3	106+80	LT	W11-2	30 X 30	-	6.25	-	-	-	-	ON FLASHING SIGN POLE
	2.4	106+80	LT	WF16-7R	24 X 12	-	2.00	-	-	-	-	ON FLASHING SIGN POLE
	2.5	106+80	LT	W11-2	30 X 30	-	6.25	-	-	-	-	ON FLASHING SIGN POLE
	2.6	106+80	LT	WF16-7L	24 X 12	-	2.00	-	-	-	-	ON FLASHING SIGN POLE
	2.7	107+10	LT	R7-5R (MOD.)	18 X 24	3.00	-	-	1	-	-	
	2.8	108+77	LT	R7-5L (MOD.)	18 X 24	3.00	-	-	1	-	-	
	2.9	109+80	LT	R6-2L	24 X 30	5.00	-	-	-	-	-	ON TRAFFIC SIGNAL POLE
	2.10	109+80	LT	D3-1	24 X 8	-	-	-	-	-	1	ON TRAFFIC SIGNAL POLE
	2.11	109+80	LT	D3-1	24 X 8	-	-	-	-	-	1	ON TRAFFIC SIGNAL POLE
	2.12	109+80	LT	R6-2R	24 X 30	5.00	-	-	-	-	-	ON TRAFFIC SIGNAL POLE
	2.13	110+75	LT	R7-51L	18 X 24	3.00	-	-	1	-	-	
	2.14	111+42	LT	R7-5R (MOD.)	18 X 24	3.00	-	-	1	-	-	
	2.15	111+76	LT	R7-2D (MOD.)	18 X 24	3.00	-	-	-	-	-	ON STREET LIGHT POLE
	2.16	106+52	RT	R7-5R (MOD.)	18 X 24	3.00	-	-	1	-	-	
	2.17	106+62	RT	W11-2	30 X 30	-	6.25	-	-	-	-	ON FLASHING SIGN POLE
	2.18	106+62	RT	WF16-7L	24 X 12	-	2.00	-	-	-	-	ON FLASHING SIGN POLE
	2.19	106+65	RT	W11-2	30 X 30	-	6.25	-	-	-	-	ON FLASHING SIGN POLE
	2.20	106+65	RT	WF16-7R	24 X 12	-	2.00	-	-	-	-	ON FLASHING SIGN POLE
	2.21	106+96	RT	R7-5L (MOD.)	18 X 24	3.00	-	-	1	-	-	
	2.22	107+61	RT	R3-8E	36 X 30	7.50	-	-	-	1	-	
	2.23	107+61	RT	R7-5D (MOD.)	18 X 24	3.00	-	-	-	-	-	
	2.24	108+62	RT	R7-5R (MOD.)	18 X 24	3.00	-	-	1	-	-	
	2.25	108+96	RT	R6-2L	24 X 30	5.00	-	-	-	-	-	ON TRAFFIC SIGNAL POLE
	2.26	108+96	RT	R6-2R	24 X 30	5.00	-	-	-	-	-	ON TRAFFIC SIGNAL POLE
	2.27	109+87	ONLINE	R4-7	24 X 30	5.00	-	-	1	-	-	
	2.28	109+87	ONLINE	R3-2	24 X 24	4.00	-	-	-	-	-	
	2.29	110+13	RT	R7-5L (MOD.)	18 X 24	3.00	-	-	-	1	-	
	2.30	110+13	RT	R7-6R	18 X 24	3.00	-	-	-	-	-	
	2.31	110+13	RT	R7-2D (MOD.)	18 X 24	3.00	-	-	-	-	-	
	2.32	110+70	ONLINE	R4-7	24 X 30	5.00	-	-	1	-	-	
	2.33	111+35	RT	R7-5D (MOD.)	18 X 24	3.00	-	-	-	-	-	ON STREET LIGHT POLE
	2.34	111+91	RT	R7-2D (MOD.)	18 X 24	3.00	-	-	1	-	-	
	2.35	109+01	RT	R1-1F	30 X 30	-	-	6.25	-	-	-	ON TRAFFIC SIGNAL POLE
	2.36	109+08	RT	R1-1F	30 X 30	-	-	6.25	-	-	-	ON TRAFFIC SIGNAL POLE
	2.37	109+61	RT	R1-1F	30 X 30	-	-	6.25	-	-	-	ON TRAFFIC SIGNAL POLE
	2.38	109+80	LT	R1-1F	30 X 30	-	-	6.25	-	-	-	ON TRAFFIC SIGNAL POLE
	3.1	112+28	LT	R7-5L (MOD.)	18 X 24	3.00	-	-	1	-	-	

PERMANENT SIGNING

CATEGORY	NO	STATION	LOCATION	CODE	SIZE IN X IN	(637.2210) SIGNS TYPE II REFLECTIVE H SF	(637.2230) SIGNS TYPE II REFLECTIVE F SF	(637.2215) SIGNS TYPE II REFLECTIVE H FOLDING EACH	(634.0814) POSTS TUBULAR STEEL 2X2-INCH 14-FT EACH	(634.0816) POSTS TUBULAR STEEL 2X2-INCH 16-FT EACH	(SPV.0060.22) INSTALL CITY SUPPLIED STREET NAME SIGN EACH	NOTE
0010	3.2	113+16	LT	R7-5R (MOD.)	18 X 24	3.00	-	-	1	-	-	
	3.3	113+16	LT	R7-2D (MOD.)	18 X 24	3.00	-	-	-	-	-	
	3.4	114+10	LT	R7-5L (MOD.)	18 X 24	3.00	-	-	1	-	-	
	3.5	114+10	LT	R7-2D (MOD.)	18 X 24	3.00	-	-	-	-	-	
	3.6	114+84	LT	R7-1D	18 X 24	3.00	-	-	1	-	-	
	3.7	115+80	LT	R7-1D	18 X 24	3.00	-	-	-	1	-	WITH MOVING SIGNS TYPE II
	3.9	116+63	LT	R7-5R (MOD.)	18 X 24	3.00	-	-	1	-	-	
	3.10	117+65	LT	R7-5L (MOD.)	18 X 24	3.00	-	-	1	-	-	
	3.11	112+16	RT	R7-5R (MOD.)	18 X 24	3.00	-	-	1	-	-	
	3.12	112+93	RT	D3-1	24 X 8	-	-	-	1	-	1	
	3.13	112+93	RT	D3-1	24 X 8	-	-	-	-	-	1	
	3.14	112+93	RT	R1-1	30 X 30	6.25	-	-	-	-	-	
	3.15	113+11	RT	R7-1L	18 X 24	3.00	-	-	-	-	-	ON STREET LIGHT POLE
	3.16	114+48	RT	R7-1D	18 X 24	3.00	-	-	1	-	-	
	3.17	115+61	RT	R7-1R	18 X 24	3.00	-	-	1	-	-	
	3.18	116+40	RT	R7-5D (MOD.)	18 X 24	3.00	-	-	1	-	-	
	3.19	116+81	RT	R7-52L	18 X 24	3.00	-	-	1	-	-	
	3.20	117+67	RT	R7-52R	18 X 24	3.00	-	-	1	-	-	
	4.1	118+19	LT	R7-1D	18 X 24	3.00	-	-	-	1	-	WITH MOVING SIGNS TYPE II
	4.3	119+23	LT	R7-1D	18 X 24	3.00	-	-	-	-	-	ON STREET LIGHT POLE
	4.4	120+11	LT	R7-51R	18 X 24	3.00	-	-	1	-	-	
	4.5	122+08	LT	R7-1L	18 X 24	3.00	-	-	1	-	-	
	4.6	118+51	RT	R7-5D (MOD.)	18 X 24	3.00	-	-	1	-	-	
	4.7	119+56	RT	D3-1	24 X 8	-	-	-	1	-	1	
	4.8	119+56	RT	D3-1	24 X 8	-	-	-	-	-	1	
	4.9	119+56	RT	R1-1	30 X 30	6.25	-	-	-	-	-	
	4.10	120+14	RT	R7-1D	18 X 24	3.00	-	-	1	-	-	
	4.11	121+72	RT	R7-1D	18 X 24	3.00	-	-	1	-	-	
			PROJECT TOTALS			**262.50**	**33.00**	**50.00**	**35**	**4**	**8**	

TRAFFIC CONTROL

CATEGORY	STAGE	DRUMS NO. DEVICES	(643.0300) DRUMS DAY	BARRICADES TYPE III NO. DEVICES	(643.0420) BARRICADES TYPE III DAY	WARNING LIGHTS TYPE A NO. DEVICES	(643.0705) WARNING LIGHTS TYPE A DAY	ARROW BOARD NO. DEVICES	(643.0800) ARROW BOARD DAY	SIGNS NO. DEVICES	(643.0900) SIGNS DAY	SIGNS NO. DEVICES	(643.1000) SIGNS FIXED MESSAGE SF	SIGNS NO. DEVICES	(643.3000) DETOUR SIGNS DAY	SIGNS NO. DEVICES	(643.1050) PCMS DAY	DURATION	
0010	STAGE 1	116	7,076	24	1,464	80	4,880	4	244	54	3,294	31	78	53	3,233	4	244	61	DAYS
	STAGE 2	116	8,700	24	1,800	80	6,000	4	300	53	3,975	11	28	65	4,875	4	300	75	DAYS
	PROJECT TOTALS		**15,776**		**3,264**		**10,880**		**544**		**7,269**		**105**		**8,108**		**544**		

TEMPORARY CROSSWALK ACCESS

CATEGORY	DESCRIPTION	(SPV.0045.01) DAYS
0010	ST. LAWRENCE	153
	E. COURT ST.	153
	E. MILWAUKEE ST.	153
	E. WALL ST.	153
	PEASE CT.	153
	UNDISTRIBUTED	306
	PROJECT TOTAL	**1,071**

COVER PLATES TEMPORARY

CATEGORY	DESCRIPTION	(611.8120.S) EACH
0010	UNDISTRIBUTED	5
	PROJECT TOTAL	**5**

PAVEMENT MARKINGS

CATEGORY	STATION	TO STATION	(646.0106) PAVEMENT MARKING EPOXY 4-INCH (YELLOW) LF	(646.0106) PAVEMENT MARKING EPOXY 4-INCH (WHITE) LF	(646.0126) PAVEMENT MARKING EPOXY 8-INCH (WHITE) LF	(647.0556) PAVEMENT MARKING STOP LINE EPOXY 12-INCH LF	(647.0656) PAVEMENT MARKING PARKING STALL EPOXY (4-INCH, WHITE) LF	(647.0766) PAVEMENT MARKING CROSSWALK EPOXY 6-INCH LF	(647.0786) PAVEMENT MARKING CROSSWALK EPOXY 18-INCH LF
0010	100+50	100+75	10	-	-	-	-	-	-
	100+75	101+32	-	-	-	30	-	250	-
	101+32	103+90	515	-	75	25	160	-	-
	103+90	104+64	-	65	15	45	-	275	150
	104+64	109+03	845	170	200	40	335	85	-
	109+03	109+75	-	25	-	45	-	365	-
	109+75	112+54	430	-	80	25	210	-	-
	112+54	112+95	-	-	-	20	-	190	-
	112+95	119+04	1,225	-	-	-	390	45	-
	119+04	119+68	-	-	-	20	-	130	-
	119+65	122+17	500	-	-	15	-	-	-
	PROJECT TOTALS		**3,525**	**260**	**370**	**265**	**1,095**	**1,340**	**150**
			3,785						

PAVEMENT MARKING ARROWS AND WORDS

CATEGORY	DESCRIPTION	(647.0156) PAVEMENT MARKING ARROWS EPOXY TYPE 1 EACH	(647.0166) PAVEMENT MARKING ARROWS EPOXY TYPE 2 EACH	(647.0356) PAVEMENT MARKING WORDS EPOXY EACH	NOTES
0010	NORTHBOUND RIGHT TURN LANE TO E. COURT STREET	-	1	1	ONLY
	NORTHBOUND THRU LANE, SOUTH OF E. COURT STREET	1	-	1	ONLY
	SOUTHBOUND LEFT TURN LANE TO E. COURT STREET	-	1	1	ONLY
	SOUTHBOUND THRU LANE, NORTH OF E. COURT STREET	1	-	1	ONLY
	NORTHBOUND LEFT TURN LANE TO W. MILWAUKEE STREET	-	1	1	ONLY
	NORTHBOUND THRU LANE, SOUTH OF W. MILWAUKEE STREET	1	-	1	ONLY
	SOUTHBOUND RIGHT TURN LANE TO W. MILWAUKEE STREET	-	1	1	ONLY
	SOUTHBOUND THRU LANE, NORTH OF W. MILWAUKEE STREET	1	-	1	ONLY
	PROJECT TOTALS	**4**	**4**	**8**	

SAW CUTS

CATEGORY	STATION	STATION	LOCATION	* (690.0150) SAWING ASPHALT LF	* (690.0250) SAWING CONCRETE LF
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	15	125
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	-	260
	103+77	105+05	E. COURT STREET INTERSECTION	-	240
	105+05	109+50	E. COURT STREET TO MILWAUKEE ST.	35	975
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	125	660
	113+23	118+78	E. WALL STREET - PEASE CT.	325	140
	118+78	120+12	PEASE CT.	35	55
	120+12	122+17	PEASE CT. TO CENTERWAY	0	310
	PROJECT TOTALS			**535**	**2,765**

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

RUBBED SURFACE FINISH

CATEGORY	STATION	STATION	LOCATION	(SPV.0090.02) PLANTER CURB SACKED RUBBED SURFACE FINISH LF	(SPV.0090.03) PLANTER WALL SACKED RUBBED SURFACE FINISH LF
0010	100+48	100+48	LT	65	-
	104+64	104+86	LT AND RT	105	-
	106+33	107+13	LT AND RT	255	30
	108+81	109+04	LT AND RT	100	-
	110+73	111+40	LT	130	40
	112+34	113+14	LT	155	35
	114+60	115+93	LT	250	75
	116+68	117+86	RT	165	-
	PROJECT TOTALS			**1,225**	**180**

CONSTRUCTION STAKING

CATEGORY	STATION	TO STATION	LOCATION	(650.8500) ELECTRICAL INSTALLATIONS LS	(650.8000) RESURFACING REFERENCE LF	(650.9910) SUPPLEMENTAL CONTROL LS	(650.9920) SLOPE STAKES LF
0010		PROJECT 5990-01-20		1	2,000	1	290
		PROJECT TOTALS		**1**	**2,000**	**1**	**290**

ABANDONED VAULT REMOVAL

CATEGORY	STATION	STATION	(SPV.0165.02) MASONRY, DEPTH TO 5' SF	(SPV.0165.03) MASONRY, DEPTH OVER 5' SF	(SPV.0165.04) REINFORCED CONCRETE 0"-10", DEPTH TO 5' SF	(SPV.0165.05) REINFORCED CONCRETE 0"-10", DEPTH OVER 5' SF	(SPV.0165.06) REINFORCED CONCRETE 10"+, DEPTH TO 5' SF	(SPV.0165.07) REINFORCED CONCRETE 10"+, DEPTH OVER 5' SF
0010	UNDISTRIBUTED		125	125	125	75	75	75
	PROJECT TOTALS		**125**	**125**	**125**	**75**	**75**	**75**

PULL BOXES STEEL 18x36-INCH

CATEGORY	POLE NO.	STATION	LOCATION	(653.0130) EACH
0010	LPB1	101+76	24' LT	1
	LPB2	102+19	24' RT	1
	LPB3	102+60	28' LT	1
	LPB4	103+00	28' RT	1
	LPB5	103+40	25' LT	1
	LPB6	103+76	25' RT	1
	LPB7	104+02	48.5' LT	1
	LPB8	104+59	45' LT	1
	LPB9	104+54	44' RT	1
	LPB10	104+67	34.5' RT	1
	LPB11	104+95	33' LT	1
	LPB12	105+25	34' RT	1
	LPB13	105+70	32' LT	1
	LPB14	106+09	33' RT	1
	LPB15	106+65	34' RT	1
	LPB16	106+80	34' LT	1
	LPB17	106+52	35' RT	1
	LPB18	106+61	33' RT	1
	LPB19	106+82	30' RT	1
	LPB20	107+29	34' RT	1
	LPB21	107+58	32' LT	1
	LPB22	107+97	34' RT	1
	LPB23	108+36	32' LT	1
	LPB24	108+72	32' RT	1
	LPB25	109+22	51' LT	1
	LPB26	109+75	34' RT	1
	LPB27	109+74	45' LT	1
	LPB28	110+51	28' RT	1
	LPB29	110+54	30' LT	1
	LPB30	111+24	29' LT	1
	LPB31	111+32	26' RT	1
	LPB32	111+74	32' LT	1
	LPB33	112+44	30' LT	1
	LPB34	112+61	28' LT	1
	LPB35	112+87	28' LT	1
	LPB36	113+59	34' LT	1
	LPB37	114+69	29' LT	1
	LPB38	114+99	22' LT	1
	LPB39	115+31	26.5' LT	1
	LPB40	115+65	30' RT	1
	LPB41	116+36	31' RT	1
	LPB42	116+42	24' LT	1
	LPB43	116+85	32' RT	1
	LPB44	116+97	24' LT	1
	LPB45	117+21	32' RT	1
	LPB46	117+72	32' RT	1
	LPB47	117+80	24' LT	1
	LPB48	103+95	45'RT	1
	LPB49	108+95	34'LT	1
PROJECT TOTALS				**49**

STREET LIGHTING ITEMS

CATEGORY	POLE NO.	STATION	LOCATION	* (SPV.0060.05) CONCRETE BASE TYPE 3 SPECIAL EACH	* (SPV.0060.06) ROADWAY LIGHT POLE EACH	* (SPV.0060.07) DECORATIVE LUMINAIRIE EACH	* (SPV.0060.08) DECORATIVE MAST ARM EACH	(SPV.0060.09) EXISTING PEDESTRIAN LIGHT MODIFCATIONS EACH	NOTES
0010	LP-1	100+70.8	19.0' LT	1	1	1	1	-	-
	LP-2	103+89.1	30.0' RT	-	-	-	-	-	SEE SIGNAL PLAN
	LP-3	104+68.4	29.0' LT	-	-	-	-	-	SEE SIGNAL PLAN
	LP-4	109+02.2	29.2' LT	-	-	-	-	-	SEE SIGNAL PLAN
	LP-5	109+74.5	30.6' RT	-	-	-	-	-	SEE SIGNAL PLAN
	LP-6	112+56.5	21.3' LT	1	1	1	1	-	-
	LP-7	114+68.7	19.4' LT	1	1	1	1	-	-
	LP-8	116+42.1	19.9' LT	1	1	1	1	-	-
	LP-9	119+23.8	18.9' LT	1	1	1	1	-	-
	PL-1	101+78	25' LT	-	-	-	-	1	-
	PL-2	102+17	25.5' RT	-	-	-	-	1	-
	PL-3	102+59	26' LT	-	-	-	-	1	-
	PL-4	102+98	25' RT	-	-	-	-	1	-
	PL-5	103+43	26.5' LT	-	-	-	-	1	-
	PL-6	105+03	33' LT	-	-	-	-	1	-
	PL-7	105+26	32' RT	-	-	-	-	1	-
	PL-8	105+73	33' LT	-	-	-	-	1	-
	PL-9	106+10	32' RT	-	-	-	-	1	-
	PL-10	106+63	32.5' RT	-	-	-	-	1	-
	PL-11	106+64	33' LT	-	-	-	-	1	-
	PL-12	106+82	33' LT	-	-	-	-	1	-
	PL-13	106+82	32.5' RT	-	-	-	-	1	-
	PL-14	107+32	32' RT	-	-	-	-	1	-
	PL-15	107+55	33' LT	-	-	-	-	1	-
	PL-16	107+97	32' RT	-	-	-	-	1	-
	PL-17	108+38	33.5' LT	-	-	-	-	1	-
	PL-18	108+74	32' RT	-	-	-	-	1	-
	PL-19	110+51	29.5' RT	-	-	-	-	1	-
	PL-20	110+51	30.5' LT	-	-	-	-	1	-
	PL-21	111+24	27' LT	-	-	-	-	1	-
	PL-22	111+35	27' RT	-	-	-	-	1	-
	PL-23	111+76	33' LT	-	-	-	-	1	-
	PL-24	112+62	29' LT	-	-	-	-	1	-
	PL-25	112+85	29' LT	-	-	-	-	1	-
	PL-26	113+62	35' LT	-	-	-	-	1	-
	PL-27	114+97	23' LT	-	-	-	-	1	-
	PL-28	115+33	26.5' LT	-	-	-	-	1	-
	PL-29	115+64	31.5' RT	-	-	-	-	1	-
	PL-30	116+82	32' RT	-	-	-	-	1	-
	PL-31	117+00	25' LT	-	-	-	-	1	-
	PL-32	117+24	32.5' RT	-	-	-	-	1	-
	PL-33	117+75	32' RT	-	-	-	-	1	-
	PL-34	117+82	25' LT	-	-	-	-	1	-
PROJECT TOTALS				**5**	**5**	**5**	**5**	**34**	

* ADDITIONAL QUANTITIES FOUND ELSEWHERE

PEDESTRIAN POLE BRACKET ARM

CATEGORY	STATION	LOCATION	(SPV.0060.11) EACH
0010	107+32	32' RT	1
	112+62	29' LT	1
	112+85	29' LT	1
	113+62	35' LT	1
	113+62	35' LT	1
	114+97	23' LT	1
	115+33	26.5' LT	1
	115+64	31.5' RT	1
	116+82	32' RT	1
	117+00	25' LT	1
	117+24	32.5' RT	1
	117+75	32' RT	1
	117+81.5	25' LT	1
PROJECT TOTAL			**13**

CONDUIT & ELECTRICAL WIRE

CATEGORY	DESCRIPTION	TO DESCRIPTION	(652.0210)* CONDUIT RIGID NONMETALLIC SCHEDULE 40 1-INCH LF	(652.0225) CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	(652.0325) CONDUIT RIGID NONMETALLIC SCHEDULE 80 2-INCH LF	(655.0615) ELECTRICAL WIRE LIGHTING 10 AWG LF	(655.0620)* ELECTRICAL WIRE LIGHTING 8 AWG LF	(655.0625) ELECTRICAL WIRE LIGHTING 6 AWG LF	(655.0630) ELECTRICAL WIRE LIGHTING 4 AWG LF	(655.0645) ELECTRICAL WIRE LIGHTING 1/0 AWG LF
0010	LP-1	LPB1	-	-	110	420	-	-	-	420
	LPB1	PL-1	12	-	-	78	-	-	-	78
	LPB1	LPB3	-	90	-	270	-	-	-	270
	LPB3	PL-3	12	-	-	78	-	-	-	78
	LPB3	LPB5	-	80	-	240	-	-	-	240
	LPB2	PL-2	12	-	-	78	-	-	-	78
	LPB2	LPB4	-	80	-	240	-	-	-	240
	LPB4	PL-4	12	-	-	78	-	-	-	78
	LPB4	LPB6	-	80	-	240	-	-	-	240
	LPB5	PL-5	12	-	-	36	-	-	-	36
	LPB5	LPB7	-	75	-	267	-	-	-	267
	LPB7	LPB8	-	-	75	267	-	-	-	267
	LPB6	LPB48	-	25		117	-	-	-	117
	LPB48	LPB9	-	-	60	222	-	-	-	222
	LPB8	LPB11	-	45	-	177	-	-	-	177
	LPB9	LPB10	-	15	-	87	-	-	-	87
	LPB10	LPB12	-	60	-	222	-	-	-	222
	LPB11	PL-6	12	-	-	78	-	-	-	78
	LPB12	PL-7	12	-	-	78	-	-	-	78
	LPB11	LPB13	-	80	-	240	-	-	-	240
	LPB13	PL-8	12	-	-	78	-	-	-	78
	LPB12	LPB14	-	90	-	270	-	-	-	270
	LPB13	LPB15	-	100	-	300	-	-	-	300
	LPB15	PL-11	12	-	-	78	-	-	-	78
	LPB14	PL-9	12	-	-	78	-	-	-	78
	LPB14	LPB17	-	50	-	150	-	-	-	150
	EX3	LPB17	-	10	-	-	-	-	48	48
	LPB15	LPB16	-	15	-	63	-	-	-	63
	LPB17	LPB18	-	5	-	-	-	-	57	57
	LPB16	PL-12	12	-	-	-	-	-	78	78
	LPB18	PL-10	12	-	-	-	-	-	36	36
	LPB18	LPB19	-	25	-	-	-	-	117	117
	LPB19	PL-13	12	-	-	78	-	-	-	78
	LPB16	LPB21	-	80	-	-	-	-	240	240
	LPB19	LPB20	-	50	-	150	-	-	-	150
	LPB16	LPB19	-	-	65	-	-	-	195	195
	LPB20	PL-14	12	-	-	36	-	-	-	36
	LPB20	LPB22	-	70	-	252	-	-	-	252
	LPB22	PL-16	12	-	-	78	-	-	-	78
	LPB21	PL-15	12	-	-	-	-	-	78	-
	LPB21	LPB23	-	85	-	-	-	-	255	-
	LPB22	LPB24	-	80	-	240	-	-	-	240
	LPB24	PL-18	12	-	-	78	-	-	-	78
	LPB23	PL-17	12	-	-	-	-	-	78	-
	LPB23	LPB49	-	60	-	-	-	-	180	-
	LPB49	LPB25	-	35	-	-	-	-	147	-
	LPB24	LPB26	-	-	120	360	-		-	360
	LPB25	LPB27	-	-	55	-	-	-	207	-
	LPB27	LPB29	-	85	-	-	-	297	-	297
	LPB26	LPB28	-	75	-	267	-	-	-	267
	LPB28	PL-19	12	-	-	78	-	-	-	78
	LPB29	PL-20	12	-	-	-	-	78	-	78
	LPB29	LPB30	-	70	-	-	-	210	-	210
	LPB28	LPB31	-	90	-	270	-	-	-	270
	LPB31	PL-22	12	-	-	78	-	-	-	78
	LPB30	PL-21	12	-	-	-	-	78	-	78
	LPB30	LPB32	-	60	-	-	-	180	-	180
	LPB32	PL-23	12	-	-	-	-	78	-	78
	LPB32	LPB33	-	75	-	-	-	225	-	225
	LPB33	LP-6	-	15	-	-	-	135	-	135

CONDUIT & ELECTRICAL WIRE

CATEGORY	DESCRIPTION	TO DESCRIPTION	(652.0210) CONDUIT RIGID NONMETALLIC SCHEDULE 40 1-INCH LF	* (652.0225) CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	(652.0325) CONDUIT RIGID NONMETALLIC SCHEDULE 80 2-INCH LF	(655.0615) ELECTRICAL WIRE LIGHTING 10 AWG LF	* (655.0620) ELECTRICAL WIRE LIGHTING 8 AWG LF	(655.0625) ELECTRICAL WIRE LIGHTING 6 AWG LF	(655.0630) ELECTRICAL WIRE LIGHTING 4 AWG LF	(655.0645) ELECTRICAL WIRE LIGHTING 1/0 AWG LF
	LPB33	LPB34	-	15	-	-	-	87	-	87
	LPB34	PL-24	12	-	-	-	-	78	-	78
	LPB34	LPB35	-	25	-	-	-	75	-	75
	LPB35	PL-25	12	-	-	-	36	-	-	36
	LPB35	LPB36	-	75	-	-	267	-	-	267
	LPB36	PL-26	12	-	-	-	78	-	-	78
	LPB36	LPB37	-	115	-	-	345	-	-	345
	LPB37	LP-7	-	10	-	-	120	-	-	120
	LPB37	LPB38	-	45	-	-	177	-	-	177
	LPB38	PL-27	12	-	-	-	78	-	-	78
	LPB38	LPB39	-	40	-	-	120	-	-	120
	LPB39	PL-28	12	-	-	-	36	-	-	36
	LPB39	LPB42	-	-	115	-	387	-	-	387
	LPB40	PL-29	12	-	-	-	78	-	-	78
	LPB40	LPB41	-	75	-	-	225	-	-	225
	LPB41	LPB42	-	-	55	-	165	-	-	165
	LPB41	LPB43	-	50	-	-	192	-	-	192
	LPB43	PL-30	12	-	-	-	78	-	-	78
	LPB42	LP-8	-	5	-	-	147	-	-	147
	LPB42	LPB44	-	60	-	-	180	-	-	180
	LPB44	PL-31	12	-	-	-	78	-	-	78
	LPB43	LPB45	-	40	-	-	120	-	-	120
	LPB45	PL-32	12	-	-	-	78	-	-	78
	LPB44	LPB47	-	85	-	-	255	-	--	255
	LPB45	LPB46	-	55	-	-	165	-	-	165
	LPB46	PL-33	12	-	-	-	78	-	-	78
	LPB47	PL-34	12	-	-	-	78	-	-	78
	LPB47	LP-9	-	150	-	-	540	-	-	540
	PROJECT TOTALS		**408**	**2,700**	**655**	**6,495**	**4,101**	**1,521**	**1,716**	**12,888**

* ADDITIONAL QUANTITIES FOUND ELSEWHERE

3

REMOVING

CATEGORY	DESCRIPTION	LOCATION	* (204.0195) CONCRETE BASES EACH	(653.0905) PULL BOXES EACH
0010	MAIN ST & COURT ST	UNDISTRIBUTED	8	8
	MAIN ST & MILWAUKEE ST	UNDISTRIBUTED	4	6
	ST LAWRENCE TO COURT ST	UNDISTRIBUTED	-	6
	COURT ST TO MILWAUKEE ST	UNDISTRIBUTED	-	15
	MILWAUKEE ST TO WALL ST	UNDISTRIBUTED	-	6
	WALL ST TO PEASE CT	UNDISTRIBUTED	-	12
	PROJECT TOTALS		**12**	**53**

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

PULL BOXES STEEL

CATEGORY	NUMBER	STATION	LOCATION		(653.0135) 24x36-INCH EACH	(653.0140) 24x42-INCH EACH
0020	**MAIN ST & COURT ST**					
	PB1	103+84	27.2'	RT	-	1
	PB2	104+02	33.0'	LT	-	1
	PB3	104+58	33.6'	LT	-	1
	PB4	104+55	29.5'	RT	-	1
	PB5	104+51	42.8'	RT	-	1
	PB6	103+94	42.9'	RT	-	1
	PB7	103+65	25.6'	RT	-	1
	PB8	102+63	27.7'	LT	1	-
	PB9	104+91	32.4'	LT	-	1
	PB10	105+97	32.6'	LT	1	-
	MAIN ST & COURT ST SUBTOTALS				**2**	**8**
0010	**PEDESTRIAN CROSSING**					
	PB11	106+52	34.4'	RT	1	-
	PB12	106+80.8	28.2'	RT	1	-
	PEDESTRIAN CROSSING SUBTOTALS				**2**	**0**
0010	**POWER SOURCE**					
	PS-PB1	109+73	35'	RT	1	-
	POWER SOURCE SUBTOTALS				**1**	**0**
0010	**MAIN ST & MILWAUKEE ST**					
	PB13	109+09	46.0'	RT	-	1
	PB14	108+96	31.8'	RT	-	1
	PB15	109+12	28.3'	LT	-	1
	PB16	109+23	48.2'	LT	-	1
	PB17	109+71	45.4'	LT	-	1
	PB18	109+64	34.3'	RT	-	1
	PB19	109+63	47.6'	RT	-	1
	PB20	108+77	31.0'	RT	-	1
	PB21	107+46	31.8'	RT	1	-
	PB22	110+07	30.0'	LT	-	1
	PB23	110+69	29.7'	LT	1	-
	MAIN ST & MILWAUKEE ST SUBTOTALS				**2**	**9**
	PROJECT TOTALS				**7**	**17**

CONDUIT RIGID NONMETALLIC

CATEGORY	FROM	TO	* (652.0225) SCHEDULE 40 2-INCH LF	(652.0235) SCHEDULE 40 3-INCH LF	(652.0615) CONDUIT SPECIAL 3-INCH LF	* (652.0700.S) INSTALL CONDUIT INTO EXISTING ITEM EACH	NOTES
0010	**MAIN ST & COURT ST**						
	CB1	PB1	-	60	-	-	3-3"
	PB1	SB1	6	-	-	-	-
	PB1	PB7	20	-	-	-	-
	PB1	PB2	-	-	126	-	2-3"
	PB2	SB2	14	-	-	-	-
	PB2	PB8	138	-	-	-	-
	PB2	SB3	13	-	-	-	-
	PB2	PB3	-	-	110	-	2-3"
	PB3	SB4	15	-	-	-	-
	PB3	SB5	10	-	-	-	-
	PB3	PB9	34	-	-	-	-
	PB9	PB10	108	-	-	-	-
	PB3	PB4	-	-	128	-	2-3"
	PB4	SB6	10	-	-	-	-
	PB4	PB5	-	28	-	-	2-3"
	PB5	SB7	5	-	-	-	-
	PB5	PB6	-	-	116	-	2-3"
	PB6	SB8	8	-	-	-	-
	PB6	CB1	-	18	-	-	3-3"
	MAIN ST & COURT ST SUBTOTALS		**381**	**106**	**480**	**0**	
0010	**PEDESTRIAN CROSSING**						
	PB11	EX2	-	7	-	1	-
	PB11	RRFB1	-	16	-	-	-
	RRFB1	PB12	-	15	-	-	-
	PB12	RRFB2	-	-	56	-	-
	PEDESTRIAN CROSSING SUBTOTALS		**0**	**38**	**56**	**1**	
0010	**POWER SOURCE**						
	EX1	CB1	50	-	-	1	-
	MAIN ST & COURT ST SUBTOTALS		**50**	**0**	**0**	**1**	
	EX2	PS-PB1	153	-	-	1	-
	PS-PB1	CB2	20	-	-	-	-
	MAIN ST & MILWAUKEE ST SUBTOTALS		**173**	**0**	**0**	**1**	
0010	**MAIN ST & MILWAUKEE ST**						
	CB2	PB13	-	-	150	-	3-3"
	PB13	SB9	4	-	-	-	-
	PB13	PB14	-	38	-	-	2-3"
	PB14	SB10	5	-	-	-	-
	PB14	PB20	19	-	-	-	-
	PB20	PB21	132	-	-	-	-
	PB14	PB15	-	-	126	-	2-3"
	PB15	SB11	10	-	-	-	-
	PB15	PB16	-	46	-	-	2-3"
	PB16	SB12	5	-	-	-	-
	PB16	PB17	-	-	96	-	2-3"
	PB17	SB13	4	-	-	-	-
	PB17	SB14	4	-	-	-	-
	PB17	SB15	16	-	-	-	-
	PB17	PB22	36	-	-	-	-
	PB22	PB23	64	-	-	-	-
	PB17	PB18	-	-	160	-	2-3"
	PB18	SB16	12	-	-	-	-
	PB18	PB19	-	28	-	-	2-3"
	PB19	SB17	4	-	-	-	-
	PB19	CB2	-	15	-	-	3-3"
	MAIN ST & MILWAUKEE ST SUBTOTALS		**315**	**127**	**532**	**0**	
	PROJECT TOTALS		**919**	**271**	**1,068**	**3**	

*ADDTIIONAL QUANTITIES FOUND ELSEWHERE

CONCRETE BASES

CATEGORY	NUMBER	STATION	LOCATION	(654.0101) TYPE 1 EACH	(654.0102) TYPE 2 EACH	* (SPV.0060.05) TYPE 3 SPECIAL EACH
0010	**MAIN ST & COURT ST**					
	SB1	103+89	29.9' RT	-	-	1
	SB2	103+89	30.6' LT	-	1	-
	SB3	104+03	45.4' LT	1	-	-
	SB4	104+58	48.2' LT	-	-	-
	SB5	104+66	29.0' LT	-	-	1
	SB6	104+65	27.4' RT	-	1	-
	SB7	104+50	39.1' RT	1	-	-
	SB8	103+95	38.3' RT	-	1	-
	MAIN ST & COURT ST SUBTOTALS			**2**	**3**	**2**
0010	**MAIN ST & MILWAUKEE ST**					
	SB9	109+08	42.7' RT	1	-	-
	SB10	109+01	29.5' RT	1	-	-
	SB11	109+02	29.9' LT	-	-	1
	SB12	109+22	43.2' LT	1	-	-
	SB13	109+68	47.5' LT	-	-	-
	SB14	109+72	42.2' LT	1	-	-
	SB15	109+80	33.1' LT	1	-	-
	SB16	109+75	30.6' RT	-	-	1
	SB17	109+61	44.2' RT	1	-	-
	MAIN ST & MILWAUKEE ST SUBTOTALS			**6**	**0**	**2**
	PROJECT TOTALS			**8**	**3**	**4**

*ADDTIIONAL QUANTITIES FOUND ELSEWHERE

ELECTRICAL WIRE LIGHTING 8 AWG

CATEGORY	FROM	TO	* (655.0620) LF
0010	**MAIN ST & COURT ST**		
	EX1	CB1	150
	MAIN ST & COURT ST SUBTOTAL		**150**
0010	**MAIN ST & MILWAUKEE ST**		
	EX2	PS-PB1	516
	PS-PB1	CB2	78
	MAIN ST & MILWAUKEE ST SUBTOTAL		**594**
	PROJECT TOTAL		**744**

* ADDITIONAL QUANTITIES FOUND ELSEWHERE

TRAFFIC SIGNAL ITEMS

CATEGORY	SIGNAL BASE NUMBER	HEAD NUMBER	(657.0100) PEDESTAL BASES EACH	(657.0255) TRANSFORMER BASES BREAKAWAY 11-1/2 INCH BOLT CIRCLE EACH	(657.0430) TRAFFIC SIGNAL STANDARDS ALUMINUM 10-FOOT EACH	(657.0420) TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	* (SPV.0060.06) ROADWAY LIGHT POLE EACH	* (SPV.0060.07) DECORATIVE LUMINAIRE EACH	* (SPV.0060.08) DECORATIVE MAST ARM EACH
0010	**MAIN ST & COURT ST**								
	SB1	8D, 4A	-	-	-	-	1	1	1
	SB2	8C, 8B	-	1	-	-	-	-	-
	SB3	2A	1	-	-	1	-	-	-
	SB4	2E	-	-	-	-	-	-	-
	SB5	4C, 8A	-	-	-	-	1	1	1
	SB6	4B	-	1	-	-	-	-	-
	SB7	2D	1	-	-	1	-	-	-
	SB8	2B, 8C	-	1	-	-	-	-	-
	MAIN ST & COURT ST SUBTOTALS		**2**	**3**	**0**	**2**	**2**	**2**	**2**
0010	**MAIN ST & MILWAUKEE ST**								
	SB9	-	1	-	1	-	-	-	-
	SB10	4A, 8C	1	-	-	1	-	-	-
	SB11	8B	-	-	-	-	1	1	1
	SB12	6C	1	-	-	1	-	-	-
	SB13	6B	-	-	-	-	-	-	-
	SB14	-	1	-	1	-	-	-	-
	SB15	4C, 8A	1	-	-	1	-	-	-
	SB16	4B	-	-	-	-	1	1	1
	SB17	6B	1	-	-	1	-	-	-
	MAIN ST & MILWAUKEE ST SUBTOTALS		**6**	**0**	**2**	**4**	**2**	**2**	**2**
	PROJECT TOTALS		**8**	**3**	**2**	**6**	**4**	**4**	**4**

*ADDTIIONAL QUANTITIES FOUND ELSEWHERE

LOOP DETECTORS

CATEGORY	LOOP NUMBER	STATION	LOCATION	SIZE	NUMBER OF TURNS	(652.0800) CONDUIT LOOP DETECTOR LF	(655.0700) LOOP DETECTOR LEAD IN CABLE LF	(655.0800) LOOP DETECTOR WIRE LF
0010	**MAIN ST & COURT ST**							
	31	105+98.7	5.1' LT	6'x6'	4	72	284	288
	32	104+94.2	5.1' LT	6'x20'	2	100	176	200
	33	104+66.2	5.1' LT	6'x20'	3	100	176	300
	41	102+58.9	4.5' RT	6'x6'	4	82	221	328
	42	103+60.3	5.4' RT	6'x20'	2	88	40	176
	43	103+88.3	5.4' RT	6'x20'	3	88	40	264
	44	103+88.3	14.4' RT	6'x20'	2	70	40	140
	81	105+98.8	15.4' LT	6'x6'	5	52	284	260
	82	104+94.2	15.7' LT	6'x20'	3	80	176	240
	83	104+66.2	15.7' LT	6'x20'	2	80	176	160
	MAIN ST & COURT ST SUBTOTALS					**812**	**1,613**	**2,356**
0010	**MAIN ST & MILWAUKEE ST**							
	41	107+53.7	15.3' RT	6'x6'	5	52	220	260
	42	108+73.1	14.7' RT	6'x20'	2	78	88	156
	43	109+01.1	14.7' RT	6'x20'	3	78	88	234
	44	107+53.7	5.3' RT	6'x6'	4	70	220	280
	45	108+73.1	5.7' RT	6'x20'	3	96	88	288
	46	109+01.1	5.7' RT	6'x20'	2	96	88	192
	81	110+81.4	8.2' LT	6'x6'	4	62	199	248
	82	110+08.9	10.3' LT	6'x20'	2	84	135	168
	83	109+81.8	20.8' LT	6'x20'	2	68	135	136
	84	109+80.9	10.2' LT	6'x20'	3	86	135	258
	MAIN ST & MILWAUKEE ST SUBTOTALS					**770**	**1,396**	**2,220**
	PROJECT TOTALS					**1,582**	**3,009**	**4,576**

INTERSECTION ITEMS

CATEGORY	DESCRIPTION	STATION	OFFSET	(SPV.0105.02) REMOVE, SALVAGE, AND REINSTALL TRAFFIC SIGNAL EQUIPMENT (MAIN ST & COURT ST) LS	(SPV.0105.03) REMOVE, SALVAGE, AND REINSTALL TRAFFIC SIGNAL EQUIPMENT (MAIN ST & MILWAUKEE ST) LS	(SPV.0105.04) TRAFFIC SIGNAL CABINET AND SALVAGED CONTROLLER (MAIN ST & COURT ST) LS	(SPV.0105.05) TRAFFIC SIGNAL CABINET AND SALVAGED CONTROLLER (MAIN ST & MILWAUKEE ST) LS	(654.0217) CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH	(658.5069.01) SIGNAL MOUNTING HARDWARE (MAIN ST & COURT ST) LS	(658.5069.02) SIGNAL MOUNTING HARDWARE (MAIN ST & MILWAUKEE ST) LS
0010	MAIN ST & COURT ST	103+88.4	45.9' RT	1	-	1	-	1	1	-
	MAIN ST & MILWAUKEE ST	109+59.8	53.1' RT	-	1	-	1	1	-	1
	PROJECT TOTALS			**1**	**1**	**1**	**1**	**2**	**1**	**1**

TRAFFIC SIGNAL FACES

CATEGORY	SIGNAL BASE NUMBER	HEAD NUMBER	(658.0215) BACKPLATES SIGNAL FACE 3 SECTION 12-INCH EACH	(658.0110) 3-12 INCH VERTICAL EACH	(658.0416) PEDESTRIAN SIGNAL FACE 16-INCH EACH	* 652.0700.S INSTALL CONDUIT INTO EXISTING ITEM EACH
0010	**MAIN ST & COURT ST**					
	SB1	8D	-	-	-	-
		4A	-	-	-	-
		2-1	-	-	1	-
	SB2	8C	-	-	-	-
		8B	-	-	-	-
		2-2	-	-	1	-
	SB3	2A	1	1	-	-
		8-1	-	-	1	-
	SB4	2E	1	1	-	1
		8-2	-	-	1	-
	SB5	4C	1	1	-	-
		8A	1	1	-	-
		2-4	-	-	1	-
	SB6	4B	-	-	-	-
		2-3	-	-	1	-
	SB7	2D	1	1	-	-
		4-1	-	-	1	-
	SB8	2B	-	-	-	-
		8C	-	-	-	-
		4-2	-	-	1	-
	MAIN ST & COURT ST SUBTOTALS		**5**	**5**	**8**	**1**
0010	**MAIN ST & MILWAUKEE ST**					
	SB9	4-2	-	-	1	-
	SB10	4A	1	1	-	-
		8C	1	1	-	-
		6-4	-	-	1	-
	SB11	8B	1	1	-	-
		6-3	-	-	1	-
	SB12	6C	1	1	-	-
		8-1	-	-	1	-
	SB13	6B	1	1	-	1
	SB14	8-2	-	-	1	-
	SB15	4C	1	1	-	-
		8A	1	1	-	-
		6-1	-	-	1	-
	SB16	4B	1	1	-	-
		6-2	-	-	1	-
	SB17	6A	1	1	-	-
		4-1	-	-	1	-
	MAIN ST & MILWAUKEE ST SUBTOTALS		**9**	**9**	**8**	**1**
	PROJECT TOTALS		**14**	**14**	**16**	**2**

*ADDTIIONAL QUANTITIES FOUND ELSEWHERE

INTERSECTION ITEMS CONT'D

CATEGORY	DESCRIPTION	(678.0500) COMMUNICATION SYSTEM TESTING LS	(670.0100) FIELD SYSTEM INTEGRATOR LS
0010			
	5990-01-20	1	1
	PROJECT TOTALS	**1**	**1**

LIGHTING CABLE AND WIRE

CATEGORY	FROM	TO	(655.0310) CABLE TYPE UF 2-12 AWG LF	(655.0610) ELECTRICAL WIRE LIGHTING 12 AWG LF
0010	**MAIN ST & COURT ST**			
	CB1	SB1	54	-
	SB1	LUM	-	117
	CB1	SB5	204	-
	SB5	LUM	-	117
	SB5	SB4	39	-
	SB4	LUM	-	117
	MAIN ST & COURT ST SUBTOTALS		**297**	**351**
0010	**MAIN ST & MILWAUKEE ST**			
	CB2	SB11	199	-
	SB11	LUM	-	117
	CB2	SB16	73	-
	SB16	LUM	-	117
	SB16	SB13	123	-
	SB13	LUM	-	117
	MAIN ST & MILWAUKEE ST SUBTOTALS		**395**	**351**
	PROJECT TOTALS		**692**	**702**

3

CABLE TRAFFIC SIGNAL

CATEGORY	FROM	TO	(655.0210) 3-14 AWG LF	(655.0230) 5-14 AWG LF	(655.0270) 15-14 AWG LF
0010	**MAIN ST & COURT ST**				
	CB1	SB1	-	-	54
	SB1	HEAD 4A	-	19	-
	SB1	HEAD 8D	-	23	-
	SB1	PED HEAD 2-1	18	-	-
	SB1	PED BUTTON	6	-	-
	CB1	SB2	-	-	139
	SB2	HEAD 8B	-	19	-
	SB2	HEAD 8C	-	47	-
	SB2	PED HEAD 2-2	18	-	-
	SB2	PED BUTTON	6	-	-
	CB1	SB3	-	-	138
	SB3	HEAD 2A	-	19	-
	SB3	PED HEAD 8-1	18	-	-
	SB3	PED BUTTON	6	-	-
	CB1	SB4	-	-	209
	SB4	HEAD 2E	-	19	-
	SB4	PED HEAD 8-2	18	-	-
	SB4	PED BUTTON	6	-	-
	CB1	SB5	-	-	204
	SB5	HEAD 4C	-	19	-
	SB5	HEAD 8A	-	19	-
	SB5	PED HEAD 2-4	18	-	-
	SB5	PED BUTTON	6	-	-
	CB1	SB6	-	-	144
	SB6	HEAD 4B	-	45	-
	SB6	PED HEAD 2-3	18	-	-
	SB6	PED BUTTON	6	-	-
	CB1	SB7	-	-	111
	SB7	HEAD 2D	-	19	-
	SB7	PED HEAD 4-1	18	-	-
	SB7	PED BUTTON	6	-	-
	CB1	SB8	-	-	42
	SB8	HEAD 2B	-	19	-
	SB8	HEAD 2C	-	50	-
	SB8	PED HEAD 4-2	18	-	-
	SB8	PED BUTTON	6	-	-
	MAIN ST & COURT ST SUBTOTALS		**192**	**317**	**1,041**

CONTINUED ON NEXT COLUMN

CABLE TRAFFIC SIGNAL CONT'D

CATEGORY	FROM	TO	(655.0210) 3-14 AWG LF	(655.0230) 5-14 AWG LF	(655.0270) 15-14 AWG LF
0010	**MAIN ST & MILWAUKEE ST**				
	CB2	SB9	-	-	82
	SB9	PED HEAD 4-2	18	-	-
	SB9	PED BUTTON	6	-	-
	CB2	SB10	-	-	116
	SB10	HEAD 4A	-	19	-
	SB10	HEAD 8C	-	19	-
	SB10	PED HEAD 6-4	18	-	-
	SB10	PED BUTTON	6	-	-
	CB2	SB11	-	-	198
	SB11	HEAD 8B	-	19	-
	SB11	PED HEAD 6-3	18	-	-
	SB11	PED BUTTON	6	-	-
	CB2	SB12	-	-	230
	SB12	HEAD 6C	-	19	-
	SB12	PED HEAD 8-1	18	-	-
	SB12	PED BUTTON	6	-	-
	CB2	SB13	-	-	159
	SB13	HEAD 6B	-	19	-
	CB2	SB14	-	-	159
	SB14	PED HEAD 8-2	18	-	-
	SB14	PED BUTTON	6	-	-
	CB2	SB15	-	-	171
	SB15	HEAD 4C	-	19	-
	SB15	HEAD 8A	-	19	-
	SB15	PED HEAD 6-1	18	-	
	SB15	PED BUTTON	6	-	-
	CB2	SB16	-	-	73
	SB16	HEAD 4B	-	19	-
	SB16	PED HEAD 6-2	18	-	-
	SB16	PED BUTTON	6	-	-
	CB2	SB17	-	-	37
	SB17	HEAD 6A	-	19	-
	SB17	PED HEAD 4-1	18	-	-
	SB17	PED BUTTON	6	-	-
	MAIN ST & MILWAUKEE ST SUBTOTALS		**192**	**171**	**1,225**
	PROJECT TOTALS		**384**	**488**	**2,266**

EMERGENCY VEHICLE PREEMPTION SYSTEM

CATEGORY	DESCRIPTION	STATION	OFFSET	(SPV.0105.09) (MAIN ST & MILWAUKEE ST) LS
0010	MAIN ST & MILWAUKEE ST	109+59.8	53.1' RT	1
	PROJECT TOTAL			**1**

RECTANGULAR RAPID FLASHING BEACON (RRFB) WITH PEDESTRIAN ACTIVATION

CATEGORY	DESCRIPTION	STATION	LOCATION	(204.9105.S.01) REMOVING PEDESTRIAN FLASHER LS	(SPV.0105.01) LS
0010	**MAIN STREET MIDBLOCK PED CROSSING**				
	RRFB1	106+66	27.8' RT	1	1
	RRFB2	106+79	26.3' LT		
	PROJECT TOTALS			**1**	**1**

TRAFFIC SIGNAL FACES

CATEGORY	SIGNAL BASE NUMBER	HEAD NUMBER	(658.0600) LED MODULES 12-INCH RED BALL EACH	(658.0605) LED MODULES 12-INCH YELLOW BALL EACH	(658.0610) LED MODULES 12-INCH GREEN BALL EACH	(658.0620) LED MODULES 12-INCH YELLOW ARROW EACH	(658.0625) LED MODULES 12-INCH GREEN ARROW EACH	(658.0635) LED MODULES PEDESTRIAN COUNTDOWN TIMER 16-INCH EACH	(658.0500) PEDESTRIAN PUSH BUTTONS EACH
0010	**MAIN ST & COURT ST**								
	SB1	8D	1	1	1	1	1	-	-
		4A	1	1	1	-	-	-	-
		2-1	-	-	-	-	-	1	-
		B	-	-	-	-	-	-	1
	SB2	8C	1	1	1	1	1	-	-
		8B	1	1	1	-	-	-	-
		2-2	-	-	-	-	-	1	-
		B	-	-	-	-	-	-	1
	SB3	2A	1	1	1	-	-	-	-
		8-1	-	-	-	-	-	1	-
		B	-	-	-	-	-	-	1
	SB4	2E	1	1	1	-	-	-	-
		8-2	-	-	-	-	-	1	-
		B	-	-	-	-	-	-	1
	SB5	4C	1	1	1	-	-	-	-
		8A	1	1	1	-	-	-	-
		2-4	-	-	-	-	-	1	-
		B	-	-	-	-	-	-	1
	SB6	4B	1	1	1	-	-	-	-
		2-3	-	-	-	-	-	1	-
		B	-	-	-	-	-	-	1
	SB7	2D	1	1	1	-	-	-	-
		4-1	-	-	-	-	-	1	-
		B	-	-	-	-	-	-	1
	SB8	2B	1	1	1	-	-	-	-
		8C	1	1	1	-	-	-	-
		4-2	-	-	-	-	-	1	-
		B	-	-	-	-	-	-	1
MAIN ST & COURT ST SUBTOTALS			**12**	**12**	**12**	**2**	**2**	**8**	**8**
0010	**MAIN ST & MILWAUKEE ST**								
	SB9	4-2	-	-	-	-	-	1	-
		B	-	-	-	-	-	-	1
	SB10	4A	1	1	1	-	-	-	-
		8C	1	1	1	-	-	-	-
		6-4	-	-	-	-	-	1	-
		B	-	-	-	-	-	-	1
	SB11	8B	1	1	1	-	-	-	-
		6-3	-	-	-	-	-	1	-
		B	-	-	-	-	-	-	1
	SB12	6C	1	1	1	-	-	-	-
		8-1	-	-	-	-	-	1	-
		B	-	-	-	-	-	-	1
	SB13	6B	1	1	1	-	-	-	-
	SB14	8-2	-	-	-	-	-	1	-
		B	-	-	-	-	-	-	1
	SB15	4C	1	1	1	-	-	-	-
		8A	1	1	1	-	-	-	-
		6-1	-	-	-	-	-	1	-
		B	-	-	-	-	-	-	1
	SB16	4B	1	1	1	-	-	-	-
		6-2	-	-	-	-	-	1	-
		B	-	-	-	-	-	-	1
	SB17	6A	1	1	1	-	-	-	-
		4-1	-	-	-	-	-	1	-
		B	-	-	-	-	-	-	1
MAIN ST & MILWAUKEE ST SUBTOTALS			**9**	**9**	**9**	**0**	**0**	**8**	**8**
PROJECT TOTALS			**21**	**21**	**21**	**2**	**2**	**16**	**16**

ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG

CATEGORY	FROM	TO	(655.0515) GROUNDING CONDUCTOR (WHITE) L.F.	(655.0515) EQUIPMENT GROUNDING CONDUCTOR (GREEN) L.F.
0010	**MAIN ST & COURT ST**			
	CB1	SB1	47	47
	SB1	SB2	116	116
	SB2	SB3	46	46
	SB3	SB4	116	116
	SB4	SB5	44	44
	SB5	SB6	117	117
	SB6	SB7	62	62
	SB7	SB8	104	104
	SB8	CB1	33	33
	SB1	PB1	-	11
	SB2	PB2	-	19
	SB5	PB3	-	15
	SB6	PB4	-	15
	SB7	PB5	-	10
	CB1	PB6	-	13
MAIN ST & COURT ST SUBTOTALS			**685**	**768**
0010	**PEDESTRIAN CROSSING**			
	EX	PB11	21	21
	PB11	RRFB1	30	30
	RRFB1	PB12	29	29
	RB12	RRFB2	70	70
PEDESTRIAN CROSSING SUBTOTALS			**150**	**150**
0010	**MAIN ST & MILWAUKEE ST**			
	CB2	SB9	75	75
	SB9	SB10	61	61
	SB10	SB11	111	111
	SB11	SB12	71	71
	SB12	SB13	90	90
	SB13	SB14	27	27
	SB14	SB15	39	39
	SB15	SB16	141	141
	SB16	SB17	63	63
	SB17	CB2	42	42
	SB9	PB13	-	9
	SB10	PB14	-	10
	SB11	PB15	-	15
	SB12	PB16	-	10
	SB14	PB17	-	9
	SB16	PB18	-	17
	CB2	PB19	-	12
MAIN ST & MILWAUKEE ST SUBTOTALS			**720**	**802**
PROJECT TOTAL			**3,275**	

TREES

CATEGORY	STATION TO STATION	(632.0100.01) Ginkgo, Princeton Sentry (B&B, 2 1/2" CAL.) EACH	(632.0100.02) Hawthorn, Crusader (B&B, 2" CAL.) EACH	(632.0100.03) Horsechestnut, Fruitless (B&B, 2 1/2" CAL.) EACH	(632.0100.04) Kentucky Coffeetree, Espresso (B&B, 2" CAL.) EACH	(632.0100.05) Lilac, Snowcap Japanese Tree (B&B, 2" CAL.) EACH	(632.0100.06) Pear, Autumn Blaze (B&B, 2 1/2" CAL.) EACH	(632.0100.07) Pear, Cleveland Select (B&B, 2 1/2" CAL.) EACH	(632.0100.08) Oak, Regal Prince (B&B, 2" CAL.) EACH	(632.0100.09) Elm, New Harmony (B&B, 2" CAL.) EACH
0010	100+50 - 103+00	1	-	-	1	-	3	-	-	-
	103+00 - 106+00	2	-	1	-	-	-	1	-	-
	106+00 - 109+00	1	-	-	-	-	-	1	1	1
	109+00 - 112+00	1	-	-	-	3	-	3	1	-
	112+00 - 115+00	1	1	-	-	-	2	1	4	-
	115+00 - 118+00	1	-	-	-	-	-	1	3	-
	118+00 - 121+00	1	-	1	-	1	-	1	-	-
	121+00 - 122+17	-	-	-	-	-	-	-	-	-
	PROJECT TOTALS	**8**	**1**	**2**	**1**	**4**	**5**	**8**	**9**	**1**

SHRUBS

CATEGORY	STATION TO STATION	(632.0201.01) Coralberry, Hancock (CG #3) EACH	(632.0201.02) Honeysuckle, Northern Bush (CG #3) EACH	(632.0201.03) Rose, Henry Hudson (CG #3) EACH	(632.0201.04) Spirea, Magic Carpet (CG #3) EACH	(632.0201.05) Sumac, Gro-Low Fragrant (CB #5) EACH
0010	100+50 - 103+00	-	3	-	-	-
	103+00 - 106+00	6	-	-	13	-
	106+00 - 109+00	6	-	11	10	6
	109+00 - 112+00	-	9	22	13	7
	112+00 - 115+00	6	-	31	-	12
	115+00 - 118+00	-	13	-	-	6
	118+00 - 121+00	11	-	-	-	4
	121+00 - 122+17	-	-	-	-	-
	PROJECT TOTALS	**29**	**25**	**64**	**36**	**35**

PERENNIALS AND BULBS

CATEGORY	STATION TO STATION	(SPV.0060.12) Aster, Purple Dome (CG #1) EACH	(SPV.0060.13) Chive, Summer Beauty (CG #1) EACH	(SPV.0060.14) Coneflower, Little Giant (CG #1) EACH	(SPV.0060.15) Daylily, Happy Returns (CG #1) EACH	(SPV.0060.16) Dropseed, Prairie (CG #1) EACH	(SPV.0060.17) Feather Reed Grass, Karl Foerster (CG #1)	(SPV.0060.18) Lilyturf (CG #SP04)	(SPV.0060.19) Milkweed, Butterfly (CG #1)	(SPV.0060.21) Switchgrass, Shenandoah (CG #1)	(SPV.0060.20) Tufted Hairgrass, Gold Dew (CG #1)	(SPV.0060.23) Daffodil, Mixed (CG #1)
0010	100+50 - 103+00	-	-	-	-	-	-	-	-	-	23	-
	103+00 - 106+00	-	-	-	-	-	-	-	-	-	-	-
	106+00 - 109+00	6	35	28	74	8	-	27	-	16	-	-
	109+00 - 112+00	-	-	-	-	-	-	106	-	-	-	40
	112+00 - 115+00	24	110	-	-	56	-	-	-	-	16	-
	115+00 - 118+00	-	26	20	-	-	52	47	33	11	85	-
	118+00 - 121+00	-	-	-	-	-	-	-	-	-	35	-
	121+00 - 122+17	-	-	-	-	-	-	-	-	-	-	-
	PROJECT TOTALS	**30**	**171**	**48**	**74**	**64**	**52**	**180**	**33**	**27**	**159**	**40**

PAVEMENT MARKING, SPECIAL, PREFORMED THERMOPLASTIC

CATEGORY	STATION	(SPV.0090.04) LF	REMARKS
0010			
	100+76.96	37	6'-0" WIDE CROSSWALK
	101+28.30	37	6'-0" WIDE CROSSWALK
	103+93.36	51	6'-0" WIDE CROSSWALK
	104+24.62	45	6'-0" WIDE CROSSWALK
	104+60.53	47	6'-0" WIDE CROSSWALK
	106+73.03	41	10'-0" WIDE CROSSWALK
	109+06.42	47	6'-0" WIDE CROSSWALK
	109+35.35	44	6'-0" WIDE CROSSWALK
	109+46.12	40	6'-0" WIDE CROSSWALK
	109+72.03	57	6'-0" WIDE CROSSWALK
	112+57.28	34	6'-0" WIDE CROSSWALK
	112+91.21	36	6'-0" WIDE CROSSWALK
	119+09.03	33	6'-0" WIDE CROSSWALK
	PROJECT TOTAL	**549**	

BICYCLE RACK

CATEGORY	STATION	OFFSET	(SPV.0060.24) EACH	REMARKS
0010	102+09.76	38.90' RT	1	Offset to Center of Bicycle Rack Unit
	102+69.40	27.98' LT	1	Offset to Center of Bicycle Rack Unit
	103+08.12	28.33' LT	1	Offset to Center of Bicycle Rack Unit
	103+09.04	38.90' RT	1	Offset to Center of Bicycle Rack Unit
	110+12.45	32.81' LT	1	Offset to Center of Bicycle Rack Unit
	111+70.65	34.75' LT	1	Offset to Center of Bicycle Rack Unit
	112+33.91	21.96' RT	1	Offset to Center of Bicycle Rack Unit
	113+14.54	21.43' RT	1	Offset to Center of Bicycle Rack Unit
	115+75.04	24.58' RT	1	Offset to Center of Bicycle Rack Unit
	117+02.00	26.63' LT	1	Offset to Center of Bicycle Rack Unit
	117+16.08	26.70' RT	1	Offset to Center of Bicycle Rack Unit
	118+48.64	21.25' LT	1	Offset to Center of Bicycle Rack Unit
	118+62.71	21.52' LT	1	Offset to Center of Bicycle Rack Unit
	PROJECT TOTAL		**13**	

SHREDDED HARDWOOD BARK MULCH

CATEGORY	STATION	OFFSET	* (SPV.0180.01) SY
0010	101+45	20.00' LT	20
	101+55	26.00' RT	11
	101+95	25.00' LT	9
	101+95	26.00' RT	11
	102+40	25.00' LT	9
	102+60	26.00' RT	32
	102+85	26.00' LT	9
	103+28	26.00' RT	11
	103+33	27.00' LT	9
	103+75	27.00' LT	9
	104+75	32.00' LT	21
	104+75	30.00' RT	7
	105+03	32.00' RT	10
	105+12	33.00' LT	8
	105+40	32.00' RT	10
	105+53	33.00' LT	8
	105+83	32.00' RT	9
	105+85	33.00' LT	8
	106+75	31.00' LT	27
	106+58	32.00' RT	13
	106+86	32.00' RT	12
	107+00	31.00' LT	26
	107+30	33.00' LT	7
	107+65	33.00' RT	10
	107+75	33.00' LT	7
	108+10	33.00' RT	11
	108+20	33.00' LT	6
	108+50	33.00' RT	11
	108+65	33.00' LT	6
	108+90	30.00' RT	12
	109+00	31.00' LT	11
	109+90	30.00' RT	7
	110+15	30.00' RT	7
	110+35	30.00' LT	9
	110+40	30.00' RT	7
	110+50	ON LINE	51
	110+65	28.00' RT	7
	111+00	25.00' LT	53
	111+20	27.00' RT	7
	111+55	34.00' LT	13
	111+85	35.00' LT	13
	112+08	25.00' RT	8
	112+28	35.00' LT	13
	112+50	28.00' LT	38
	113+00	28.00' LT	45
	113+40	35.00' LT	9
	113+75	35.00' LT	7
	114+20	33.00' LT	11
	114+80	20.00' LT	43
	115+50	20.00' LT	57
	116+18	32.00' RT	8
	116+50	22.00' LT	35
	116+50	32.00' RT	8
	116+80	25.00' RT	31
	117+70	25.00' RT	43
	118+10	31.00' RT	8
	118+50	30.00' RT	8
	118+90	23.00' RT	48
	PROJECT TOTAL		**959**

*ADDITIONAL QUANTITY FOUND ELSEWHERE

3

TRASH RECEPTACLES

CATEGORY	STATION	OFFSET	(SPV.0060.25) TRASH RECEPTACLE EACH	(SPV.0060.26) TRASH RECEPTACLE (SALVAGE / REINSTALL) EACH	REMARKS
0010	101+79.27	25.28' RT	-	1	Offset to Center of Trash Receptacle (Salvaged & Reinstalled)
	102+22.25	25.28' LT	-	1	Offset to Center of Trash Receptacle (Salvaged & Reinstalled)
	102+33.83	25.32' RT	-	1	Offset to Center of Trash Receptacle (Salvaged & Reinstalled)
	102+93.32	25.30' RT	-	1	Offset to Center of Trash Receptacle (Salvaged & Reinstalled)
	103+48.83	25.26' RT	-	1	Offset to Center of Trash Receptacle (Salvaged & Reinstalled)
	103+61.16	26.66' LT	-	1	Offset to Center of Trash Receptacle (Salvaged & Reinstalled)
	105+36.54	32.85' LT	-	1	Offset to Center of Trash Receptacle (Salvaged & Reinstalled)
	106+04.25	31.95' RT	-	1	Offset to Center of Trash Receptacle (Salvaged & Reinstalled)
	106+18.58	33.19' LT	-	1	Offset to Center of Trash Receptacle (Salvaged & Reinstalled)
	106+66.16	34.14' RT	-	1	Offset to Center of Trash Receptacle (Salvaged & Reinstalled)
	106+66.17	32.51' LT	1	-	Offset to Center of Trash Receptacle
	106+80.04	32.38' LT	1	-	Offset to Center of Trash Receptacle
	106+80.07	34.13' RT	1	-	Offset to Center of Trash Receptacle
	107+37.82	31.91' RT	1	-	Offset to Center of Trash Receptacle
	107+96.50	33.39' LT	1	-	Offset to Center of Trash Receptacle
	108+82.33	33.18' LT	1	-	Offset to Center of Trash Receptacle
	110+30.96	29.68' RT	1	-	Offset to Center of Trash Receptacle
	111+11.26	30.52' LT	1	-	Offset to Center of Trash Receptacle
	111+12.84	26.93' RT	1	-	Offset to Center of Trash Receptacle
	112+09.99	33.63' LT	1	-	Offset to Center of Trash Receptacle
	112+25.65	25.60' RT	1	-	Offset to Center of Trash Receptacle
	112+86.01	33.09' LT	1	-	Offset to Center of Trash Receptacle
	113+15.25	33.26' LT	1	-	Offset to Center of Trash Receptacle
	113+36.54	26.66' RT	1	-	Offset to Center of Trash Receptacle
	114+25.26	33.00' LT	1	-	Offset to Center of Trash Receptacle
	114+57.10	26.38' RT	1	-	Offset to Center of Trash Receptacle
	115+08.62	22.43' LT	1	-	Offset to Center of Trash Receptacle
	116+35.54	31.81' RT	1	-	Offset to Center of Trash Receptacle
	117+37.18	28.64' RT	1	-	Offset to Center of Trash Receptacle
	118.35.00	30.00' RT	1	-	Offset to Center of Trash Receptacle
	119+15.46	18.61' LT	1	-	Offset to Center of Trash Receptacle
	PROJEC TOTALS		**21**	**10**	

BENCH ITEMS

CATEGORY	STATION	OFFSET	(SPV.0060.27) BENCH, 6-FOOT, BACKED EACH	(SPV.0060.28) BENCH, 6-FOOT, BACKLESS EACH	(SPV.0060.29) BENCH, 6-FOOT, BACKED (SALVAGE / REINSTALL) EACH	REMARKS
0010	101+72.27	24.45' RT	-	1	-	Off to Center / Face of Bench
	102+15.27	24.39' LT	-	1	-	Off to Center / Face of Bench
	102+26.85	24.45' RT	-	1	-	Off to Center / Face of Bench
	102+86.33	24.44' RT	-	1	-	Off to Center / Face of Bench
	102+97.01	25.22' LT	-	1	-	Off to Center / Face of Bench
	103+19.29	25.40' LT	-	1	-	Off to Center / Face of Bench
	103+41.85	24.40' RT	-	1	-	Off to Center / Face of Bench
	103+54.18	25.80' LT	-	1	-	Off to Center / Face of Bench
	104+88.01	30.79' RT	-	1	-	Off to Center / Face of Bench
	105+16.22	30.78' RT	-	1	-	Off to Center / Face of Bench
	105+29.55	32.05' LT	-	1	-	Off to Center / Face of Bench
	105+97.26	31.06' RT	-	1	-	Off to Center / Face of Bench
	106+11.59	32.10' LT	-	1	-	Off to Center / Face of Bench
	106+59.35	36.77' LT	-	-	1	Off to Center / Face of Bench
	106+86.71	36.73' LT	-	-	1	Off to Center / Face of Bench
	107+44.83	31.05' RT	-	1	-	Off to Center / Face of Bench
	107+81.57	31.01' RT	-	1	-	Off to Center / Face of Bench
	107+89.52	32.56' LT	-	1	-	Off to Center / Face of Bench
	108+03.52	32.62' LT	-	1	-	Off to Center / Face of Bench
	108+75.56	32.96' LT	-	1	-	Off to Center / Face of Bench
	110+25.97	28.83' RT	-	1	-	Off to Center / Face of Bench
	111+02.64	34.33' LT	-	-	1	Off to Center / Face of Bench
	111+19.29	28.02' LT	-	-	1	Off to Center / Face of Bench
	111+38.64	26.23' RT	-	1	-	Off to Center / Face of Bench
	112+03.03	32.38' LT	-	1	-	Off to Center / Face of Bench
	112+18.64	24.86' RT	-	1	-	Off to Center / Face of Bench
	112+56.86	36.72' LT	-	-	1	Off to Center / Face of Bench
	112+66.65	28.82' LT	-	-	1	Off to Center / Face of Bench
	112+81.04	28.87' LT	1	-	-	Off to Center / Face of Bench
	112+92.72	36.86' LT	1	-	-	Off to Center / Face of Bench
	113+29.56	25.48' RT	-	1	-	Off to Center / Face of Bench
	113+43.55	225.54' RT	-	1	-	Off to Center / Face of Bench
	114+50.11	25.27' RT	-	1	-	Off to Center / Face of Bench
	114+78.00	77.50' LT	1	-	-	Off to Center / Face of Bench
	115+01.71	24.2' LT	1	-	-	Off to Center / Face of Bench
	115+40.71	25.54' LT	1	-	-	Off to Center / Face of Bench
	116+25.05	32.00' RT	-	1	-	Off to Center / Face of Bench
	118+28.67	29.65' RT	-	1	-	Off to Center / Face of Bench
	119+13.70	25.51' LT	1	-	-	Off to Center / Face of Bench
	PROJECT TOTALS		**6**	**27**	**6**	

LANDSCAPE PLANTING SURVEILLANCE AND CARE CYCLES

CATEGORY	STATION TO STATION	OFFSET	(632.9101) EACH
0010	101+31.98 - 101+54.95	LT	5
	104+64.11 - 104+85.11	LT	5
	104+66.09 - 104+ 79.20	RT	5
	106+33.37 - 106+67.38	LT	5
	106+48.66 - 106+67.42	RT	5
	106+78.71 - 107+12.69	LT	5
	106+78.80 - 106+93.52	RT	5
	108+81.27 - 108+99.81	RT	5
	108+88.11 - 109+03.90	LT	5
	109+93.68 - 110+60.00	CENTER	5
	110+72.57 - 111+40.78	LT	5
	112+33.95 - 112+63.90	LT	5
	112+83.86 - 113+14.32	LT	5
	114+59.73 - 115+92.22	LT	5
	116+27.69 - 116+62.41	LT	5
	116+68.54 - 116+94.01	RT	5
	117+50.89 - 117+85.77	RT	5
	118+73.35 - 119+08.08	RT	5
	PROJECT TOTAL		**90**

REMOVING PAVEMENT

CATEGORY	STATION	TO STATION	LOCATION	* (204.0100) SY
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	157
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	244
	103+77	105+05	E. COURT ST. INTERSECTION	273
	105+05	109+50	E. COURT ST. TO E. MILWAUKEE ST.	686
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	-
	113+23	118+78	E. WALL STREET - PEASE CT.	-
	120+12	122+17	PEASE CT. TO CENTERWAY	-
			PROJECT TOTAL	**1,360**

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

BASE PATCHING CONCRETE AND CRACKING AND SEATING

CATEGORY	STATION	TO STATION	LOCATION	* (340.0100) SY	* (390.0303) SY
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	158	164
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	216	240
	103+77	105+05	E. COURT ST. INTERSECTION	266	274
	105+05	109+50	E. COURT ST. TO E. MILWAUKEE ST.	564	608
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	78	90
	113+23	118+78	E. WALL STREET - PEASE CT.	-	10
	118+78	120+12	PEASE CT.	-	6
	120+12	122+17	PEASE CT. TO CENTERWAY	-	9
			PROJECT TOTALS	**1,282**	**1,401**

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

ASPHALTIC SURFACE TEMPORARY

CATEGORY	STATION	TO STATION	LOCATION	(465.0125) TON
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	0
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	11
	103+77	105+05	E. COURT ST. INTERSECTION	43
	105+05	109+50	E. COURT ST. TO E. MILWAUKEE ST.	46
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	18
	113+23	118+78	E. WALL STREET - PEASE CT.	10
	118+78	120+12	PEASE CT.	5
	120+12	122+17	PEASE CT. TO CENTERWAY	1
			PROJECT TOTAL	**134**

EXCAVATION COMMON

CATEGORY	STATION	TO STATION	LOCATION	* (205.0100) CY
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	44
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	66
	103+77	105+05	E. COURT ST. INTERSECTION	64
	105+05	109+50	E. COURT ST. TO E. MILWAUKEE ST.	169
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	65
	113+23	118+78	E. WALL STREET - PEASE CT.	100
	118+78	120+12	PEASE CT.	27
	120+12	122+17	PEASE CT. TO CENTERWAY	31
			UNDISTRIBUTED	160
			PROJECT TOTAL	**726**

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

BASE PATCHING ASPHALTIC

CATEGORY	STATION	TO STATION	LOCATION	* (390.0203) SY
0010	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	464
	113+23	118+78	E. WALL STREET - PEASE CT.	620
	118+78	120+12	PEASE CT.	140
	120+12	122+17	PEASE CT. TO CENTERWAY	150
			PROJECT TOTAL	**1,374**

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

SAW CUTS

CATEGORY	STATION	STATION	LOCATION	* (690.0150) SAWING ASPHALT LF	* (690.0250) SAWING CONCRETE LF
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	-	225
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	-	315
	103+77	105+05	E. COURT STREET INTERSECTION	-	335
	105+05	109+50	E. COURT STREET TO MILWAUKEE ST.	35	685
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	325	100
	113+23	118+78	E. WALL STREET - PEASE CT.	980	140
	118+78	120+12	PEASE CT.	150	55
	120+12	122+17	PEASE CT. TO CENTERWAY	220	310
			PROJECT TOTALS	**1,710**	**2,165**

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

ASPHALT PAVEMENT

CATEGORY	STATION	TO STATION	LOCATION	* (455.0120) ASPHALTIC MATERIAL PG64-28 TON	* (455.0605) TACK COAT GAL	* (460.1101) HMA PAVEMENT TYPE E-1 TON
0010	100+50	101+40	ST. LAWRENCE INTERSECTION	2	27	45
	101+40	103+77	ST. LAWRENCE TO E. COURT ST.	5	51	83
	103+77	105+05	E. COURT ST. INTERSECTION	4	40	66
	105+05	109+50	E. COURT ST. TO E. MILWAUKEE ST.	12	133	219
	109+50	113+23	E. MILWAUKEE ST. TO E. WALL ST.	8	86	141
	113+23	118+78	E. WALL STREET - PEASE CT.	10	116	190
	118+78	120+12	PEASE CT.	2	23	38
	120+12	122+17	PEASE CT. TO CENTERWAY	4	46	75
			PROJECT TOTALS	**47**	**522**	**858**

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

WATER MAIN

CATEGORY	STATION	LOCATION	(SPV.0090.07) DUCTILE IRON WATER MAIN 12-INCH LF	(SPV.0090.06) DUCTILE IRON WATER MAIN 8-INCH LF	(SPV.0090.05) DUCTILE IRON WATER MAIN 4 OR 6-INCH LF
0010	122+24 - 100+61	MAIN ST	2,160	-	-
	101+09 LT	ST. LAWRENCE AVE	55	-	-
	101+08 RT	ST. LAWRENCE AVE	-	-	42
	102+55 LT	69 S MAIN ST	-	-	35
	104+42 LT	E COURT ST	-	-	59
	104+45 RT	E COURT ST	-	-	16
	106+74 LT	18 S MAIN ST	-	-	38
	108+59 RT	1 S MAIN ST	-	-	17
	109+00 RT	1 S MAIN ST	-	-	27
	109+34 LT	E MILWAUKEE ST	-	-	55
	109+45 RT	E MILWAUKEE ST	-	30	-
	110+54 RT	101 E MILWAUKEE	-	-	27
	112+85 RT	E WALL ST	-	-	28
	116+16 RT	PROSPECT AVE	25	-	-
	117+81 RT	208 N MAIN ST	-	-	20
	117+91 RT	208 N MAIN ST	-	-	20
	119+40 RT	PEASE COURT	-	-	25
	119+66 RT	MAIN ST (HYD)	-	-	15
	116+48 RT	MAIN ST (HYD)	-	-	18
	112+34 RT	MAIN ST (HYD)	-	-	18
	109+83 LT	MAIN ST (HYD)	-	-	44
	108+86 RT	MAIN ST (HYD)	-	-	18
	106+58 RT	MAIN ST (HYD)	-	-	18
	104+64 RT	MAIN ST (HYD)	-	-	18
	101+23 RT	ST LAWRENCE (HYD)	-	-	15
		CATEGORY 0010 TOTALS	**2,240**	**30**	**573**
		OVERALL PROJECT TOTALS	**2,240**	**30**	**573**

GATE VALVE WITH MANHOLE

CATEGORY	STATION	OFFSET	(SPV.0060.39) GATE VALVE WITH MANHOLE 12-INCH EACH	(SPV.0060.38) GATE VALVE WITH MANHOLE 8-INCH EACH	(SPV.060.36) GATE VALVE WITH MANHOLE 6-INCH EACH	(SPV.0060.34) GATE VALVE WITH MANHOLE 4-INCH EACH
0010	100+67	13.8 RT	1	-	-	-
	101+09	31.4 LT	1	-	-	-
	101+08	57.2 RT	-	-	1	-
	102+55	8.3 RT	-	-	-	1
	104+42	44.9 LT	-	-	1	-
	104+45	24.4 RT	-	-	1	-
	106+74	11.3 RT	-	-	1	-
	108+93	12.5 RT	1	-	-	-
	109+00	39.3 RT	-	-	1	-
	109+32	33.8 LT	-	-	1	-
	109+45	40.2 RT	-	1	-	-
	112+84	29.2 RT	-	-	1	-
	116+17	33.7 RT	1	-	-	-
	116+55	11.9 RT	1	-	-	-
	117+91	21.2 RT	-	-	-	1
	119+40	28.4 RT	-	-	1	-
CATEGORY 0010 TOTALS			**5**	**1**	**8**	**2**
OVERALL PROJECT TOTALS			**5**	**1**	**8**	**2**

GRANULAR BACKFILL SPECIAL

CATEGORY	(SPV.0035.01) GRANULAR BACKFILL SPECIAL CY
0010	5,055
CATEGORY 0010 TOTAL	**5,055**
OVERALL PROJECT TOTAL	**5,055**

NEW HYDRANT

CATEGORY	STATION	OFFSET	(SPV.0060.33) NEW HYDRANT EACH
0010	101+23	40.1 RT	1
	104+79	29.3 RT	1
	106+58	31.5 RT	1
	108+86	29.9 RT	1
	109+83	30.3 LT	1
	112+33	26.1 RT	1
	116+48	31.5 RT	1
	119+66	19.8 RT	1
CATEGORY 0010 TOTAL			**8**
OVERALL PROJECT TOTAL			**8**

UNKNOWN WATER SERVICE INVESTIGATION

CATEGORY	STATION	LOCATION	(SPV.0060.01) UNKNOWN SERVICE INVESTIGATION EACH
0010	101+44	RT	1
	102+70	RT	1
	102+90	RT	1
	102+93	LT	1
	103+26	LT	1
	104+89	RT	1
	106+06	LT	1
	106+17	RT	1
	106+33	LT	1
	106+74	LT	1
	109+00	RT	1
	111+75	RT	1
	111+82	LT	1
	116+56	LT	1
	119+62	RT	1
	121+90	RT	1
CATEGORY 0010 TOTAL			**16**
OVERALL PROJECT TOTAL			**16**

WATER SERVICE REPLACEMENT

CATEGORY	STATION	LOCATION	(SPV.0060.40) WATER SERVICE REPLACEMENT SHORT EACH	(SPV.0060.41) WATER SERVICE REPLACEMENT LONG EACH
0010	102+70	RT	1	-
	102+88	LT	-	1
	102+93	LT	-	1
	103+26	LT	-	1
	103+28	LT	-	1
	103+70	LT	-	1
	104+87	LT	-	1
	104+89	RT	1	-
	105+36	LT	-	1
	105+67	RT	1	-
	105+82	RT	1	-
	105+84	LT	-	1
	106+00	RT	1	-
	106+06	LT	-	1
	106+17	RT	1	-
	106+33	LT	-	1
	107+34	RT	1	-
	107+75	LT	-	1
	111+18	LT	-	1
	111+75	RT	1	-
	111+83	LT	-	1
	112+07	RT	1	-
	113+31	RT	1	-
	114+57	LT	-	1
	115+21	LT	-	1
CATEGORY 0010 TOTALS			**10**	**15**
OVERALL PROJECT TOTALS			**10**	**15**

ABANDONMENTS (BY STREET BLOCK)

CATEGORY	STATION-STATION	LOCATION	(SPV.0060.30) ABANDON EXISTING WATER MAIN EACH
0010	101+58 - 104+24	MAIN ST	1
	104+24 - 109+36	MAIN ST	1
	109+36 - 112+70	MAIN ST	1
	112+70 - 115+97	MAIN ST	1
	115+97 - 119+34	MAIN ST	1
	119+34 - 122+61	MAIN ST	1
CATEGORY 0010 TOTAL			**6**
OVERALL PROJECT TOTAL			**6**

RECONNECT EXISTING SERVICE

CATEGORY	STATION	LOCATION	(SPV.0060.10) RECONNECT EXISTING SERVICE EACH
0010	102+52	LT	1
	105+10	RT	1
	105+67	LT	1
	107+32	LT	1
	107+87	LT	1
	108+02	LT	1
	109+15	LT	1
	109+84	LT	1
	110+26	LT	1
	110+60	LT	1
	110+89	RT	1
	111+07	LT	1
	111+37	LT	1
	111+42	RT	1
	111+65	RT	1
	111+66	LT	1
	111+92	LT	1
	112+08	RT	1
	112+11	LT	1
	112+42	LT	1
	113+16	LT	1
	113+35	LT	1
	113+75	LT	1
	113+95	LT	1
	114+23	LT	1
	114+28	RT	1
	114+86	LT	1
	115+25	LT	1
	115+52	LT	1
	118+21	LT	1
	118+79	RT	1
	119+13	LT	1
	119+67	LT	1
	121+85	RT	1
CATEGORY 0010 TOTAL			**34**
OVERALL PROJECT TOTAL			**34**

WATER MAIN OFFSET

CATEGORY	STATION	LOCATION	(SPV.0060.32) WATER MAIN OFFSET 12-INCH EACH	(SPV.0060.31) WATER MAIN OFFSET 6-INCH EACH
0010	101+09	ST. LAWRENCE	1	-
	104+25	MAIN ST	1	-
	104+25	E COURT ST	-	1
	107+34	MAIN ST	1	-
	109+35	MAIN ST	1	-
	109+35	E MILWAUKEE ST	-	1
CATEGORY 0010 TOTALS			**4**	**2**
OVERALL PROJECT TOTALS			**4**	**2**

ADJUSTING MANHOLE COVERS

CATEGORY	STATION	LOCATION	* (611.8110) EACH
0010	104+36	7' LT	1
	109+30	44' LT	1
	112+72	25' LT	1
	117+65	16' LT	1
	119+30	13' LT	1
CATEGORY 0010 TOTAL			**5**
OVERALL PROJECT TOTAL			**5**

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

GATE VALVE AND BOX

CATEGORY	STATION	OFFSET	(SPV.0060.37) GATE VALVE AND BOX 6-INCH EACH	(SPV.0060.35) GATE VALVE AND BOX 4-INCH EACH
0010	108+59	30.1 RT	-	1
	110+54	22.1 RT	1	-
	117+81	27.1 RT	1	-
CATEGORY 0010 TOTALS			**2**	**1**
OVERALL PROJECT TOTALS			**2**	**1**

SANITARY SEWER REPAIR

CATEGORY	STATION	(SPV.0105.08) SANITARY SEWER REPAIR LS
0010	109+46	1
CATEGORY 0010 TOTAL		**1**
OVERALL PROJECT TOTAL		**1**

EXCAVATION BELOW SUBGRADE (EBS)

CATEGORY		(SPV.0035.02) CY
0010	UNDISTRIBUTED	100
CATEGORY 0010 TOTAL		**100**
OVERALL PROJECT TOTAL		**100**

INSULATION BOARD POLYSTYRENE, 2-INCH

CATEGORY	STATION	LOCATION	(612.0902.S) SY
0010	100+92	RT	3.56
	101+09	RT	3.56
	101+09	RT	3.56
	101+09	LT	3.56
	101+45	RT	3.56
	104+32	RT	3.56
	104+42	LT	3.56
	107+35	RT	3.56
	109+27	LT	3.56
	109+28	RT	3.56
	109+40	RT	3.56
	112+34	RT	3.56
	112+70	RT	3.56
	112+88	RT	3.56
	116+18	RT	3.56
	116+25	RT	3.56
	119+40	RT	3.56
	119+46	RT	3.56
	119+62	RT	3.56
	119+66	RT	3.56
	UNDISTRIBUTED		21.33
CATEGORY 0010 TOTAL			**92.44**
OVERALL PROJECT TOTAL			**92.44**

TELEVISING SANITARY & STORM SEWER

CATEGORY	STATION	TO STATION	(SPV.0090.08) LF
0010	101+00	122+50	2,000
CATEGORY 0010 TOTAL			**2,000**
OVERALL PROJECT TOTAL			**2,000**

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
5990-01-19	4.01	5
FEDERAL PROJECT NUMBER N/A		

PLAT OF RIGHT-OF-WAY REQUIRED FOR

CITY OF JANESVILLE, MAIN STREET

(ST LAWRENCE AVENUE TO CENTERWAY)

LOCAL STREET — ROCK COUNTY

CONSTRUCTION PROJECT NUMBER
5990-01-20

ACCEPTED FOR

CITY of JANESVILLE

12-14-14 (Date) Paul J. Woodard (DIRECTOR OF PUBLIC WORKS)

ORIGINAL PLAT PREPARED BY

MSA PROFESSIONAL SERVICES
TRANSPORTATION • MUNICIPAL • REMEDIATION
DEVELOPMENT • ENVIRONMENTAL

2901 International Lane, Suite 300 Madison, WI 53704-3133
608-242-7779 1-800-446-0679 Fax: 608-242-5664

WISCONSIN
BRADLEY L. TISDALE S-2824 WAUNAKEE WI
LAND SURVEYOR

12-09-2014 (Date) Bradley Tisdale (Professional Land Surveyor)

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR
ACCESS RIGHTS	AR	REMAINING	REM.
ACRES	AC.	RIGHT-OF-WAY	R/W
AND OTHERS	ET.AL.	SECTION	SEC.
CENTERLINE	C/L	STATION	STA.
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE
CORNER	COR.	VOLUME	V.
DOCUMENT	DOC.	**CURVE DATA**	
EASEMENT	EASE.	LONG CHORD	LCH
HIGHWAY EASEMENT	H.E.	LONG CHORD BEARING	LCB
LAND CONTRACT	LC	RADIUS	R
MONUMENT	MON.	DEGREE OF CURVE	D
PAGE	P.	CENTRAL ANGLE OR DELTA	DELTA
PERMANENT LIMITED EASEMENT	PLE	LENGTH OF CURVE	L
PROPERTY LINE	PL	TANGENT	TAN
RECORDED AS	(100')		
REFERENCE LINE	R/L		

CONVENTIONAL SYMBOLS

FOUND IRON PIPE/PIN	LE (1" UNLESS NOTED)	PROPOSED R/W LINE	
		EXISTING H.E. LINE	
R/W MONUMENT	● =(SET)	PROPERTY LINE	
R/W STANDARD	▲ =(SET)	LOT & TIE LINES	
SIGN	ISIGN	SLOPE INTERCEPTS	
SECTION CORNER MONUMENT	⊕	CORPORATE LIMITS	
SECTION CORNER SYMBOL	(10)	ACCESS RESTRICTED (BY PREVIOUS ACQUISITION/CONTROL)	
FEE (HATCH VARIES)		ACCESS RESTRICTED (BY ACQUISITION)	
TEMPORARY LIMITED EASEMENT		NO ACCESS (BY STATUTORY AUTHORITY)	
PERMANENT LIMITED EASEMENT		SECTION LINE	
R/W BOUNDARY POINT	RWB20	QUARTER LINE	
PARCEL NUMBER	102	SIXTEENTH LINE	
UTILITY INTEREST	40	EXISTING CENTERLINE	
SIGN NUMBER (OFF PREMISE)	21	PROPOSED REFERENCE LINE	
BUILDING		PARALLEL OFFSET	

CONVENTIONAL UTILITY SYMBOLS

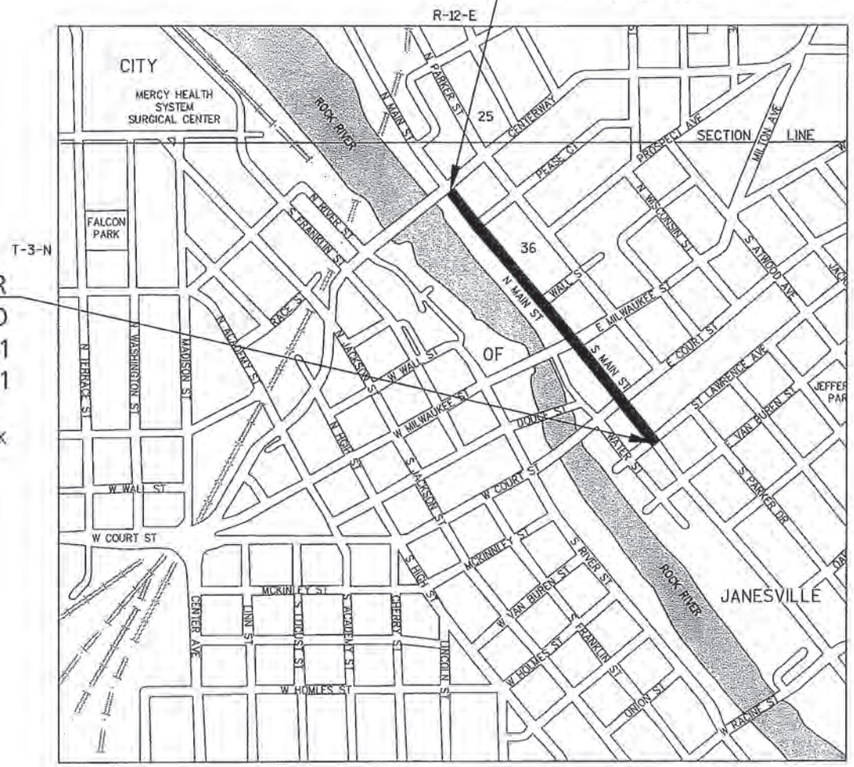
WATER	W		
GAS	G		
TELEPHONE	T		
OVERHEAD	OH		
TRANSMISSION LINES ELECTRIC	E		
CABLE TELEVISION	TV		
FIBER OPTIC	FO		
SANITARY SEWER	SAN		
STORM SEWER	SS		
	NON COMPENSABLE	COMPENSABLE	
POWER POLE	△	▲	
TELEPHONE POLE	△	●	
TELEPHONE PEDESTAL	⌧	■	
ELECTRIC TOWER	⊠		

BEGIN RELOCATION ORDER
STA. 100+50.00
Y = 268,473.61
X = 493,915.01

APPROXIMATELY 32 FEET EAST AND 18 FEET SOUTH OF THE NORTHEAST CORNER OF BLOCK 46 OF THE ORIGINAL PLAT OF THE CITY OF JANESVILLE.

END RELOCATION ORDER
STA. 122+17.00
Y = 270,153.38
X = 492,546.74

APPROXIMATELY 37 FEET EAST AND 12 FEET SOUTH OF THE NORTHEAST CORNER OF BLOCK 40 OF THE ORIGINAL PLAT OF THE CITY OF JANESVILLE.





N

LAYOUT
SCALE 0 500

TOTAL NET LENGTH OF CENTERLINE = 0.410

NOTES:

COORDINATES AND BEARINGS ON THIS PLAT ARE ORIENTED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, ROCK COUNTY ZONE, NAD 83 (2011) ADJUSTMENT. THE COORDINATES SHOWN ARE GRID COORDINATES AND ARE TO BE USED AS GRID OR GROUND VALUES ON THIS PLAT.

EXISTING RIGHT-OF-WAY IS BASED ON THE ORIGINAL PLAT OF THE CITY OF JANESVILLE, BEHRENDT'S SUBDIVISION AND CSM #167.

ALL STATION/OFFSET DATA IS REFERENCED TO THE MAINLINE ALIGNMENT (MAIN ST).

REVISION DATE	DATE 09/24/2014
12/09/2014 NC	GRID FACTOR NA

FILE NAME : P:\870S\879\00879026\CADD\RW\TITLE SHEET AND MAP_PLAT.DWG PLOT DATE : 12/9/2014 11:23 AM PLOT BY : BRAD TISDALE PLOT NAME : PLOT SCALE : 1 IN:40 FT WISDOT/CADDS SHEET 4.5

ALIGNMENT INFORMATION

PI = STA 100+00
Y = 268,435.235
X = 493,947.054

DA = N39°51'51"W

PI = STA 101+01.42
Y = 268,513.083
X = 493,882.047

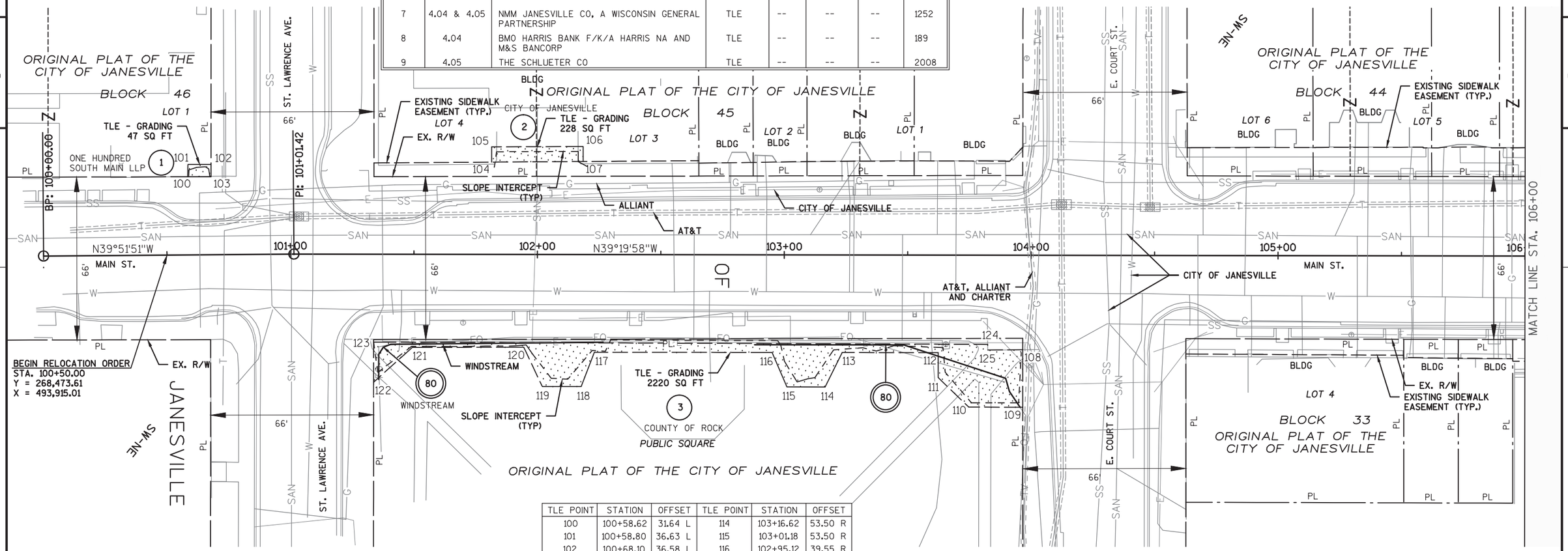
DA = N39°19'58"W

PI = STA 106+75.08
Y = 268,956.796
X = 493,518.449

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY.

PARCEL NUMBER	SHEET NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	R/W ACRES REQUIRED EXISTING	R/W ACRES REQUIRED TOTAL	TLE SQ FT
1	4.02	ONE HUNDRED SOUTH MAIN LLP	TLE	--	--	--	47
2	4.02, 4.03 & 4.04	CITY OF JANESVILLE	TLE	--	--	--	763
3	4.02	COUNTY OF ROCK	TLE	--	--	--	2220
4							
5	4.04	AEON LLC	TLE	--	--	--	326
6	4.04 & 4.05	UNITED WAY OF NORTH ROCK COUNTY	TLE	--	--	--	374
7	4.04 & 4.05	NMM JANESVILLE CO, A WISCONSIN GENERAL PARTNERSHIP	TLE	--	--	--	1252
8	4.04	BMO HARRIS BANK F/K/A HARRIS NA AND M&S BANCORP	TLE	--	--	--	189
9	4.05	THE SCHLUETER CO	TLE	--	--	--	2008



TLE POINT	STATION	OFFSET	TLE POINT	STATION	OFFSET
100	100+58.62	31.64 L	114	103+16.62	53.50 R
101	100+58.80	36.63 L	115	103+01.18	53.50 R
102	100+68.10	36.58 L	116	102+95.12	39.55 R
103	100+68.07	31.58 L	117	102+23.12	39.57 R
104	101+81.42	37.38 L	118	102+17.83	53.50 R
105	101+81.41	43.58 L	119	102+02.09	53.50 R
106	102+18.45	43.79 L	120	101+94.57	37.58 R
107	102+18.51	37.70 L	121	101+49.40	37.72 R
108	103+96.63	38.25 R	122	101+33.77	51.89 R
109	103+96.68	61.60 R	123	101+33.76	35.59 R
110	103+74.83	61.57 R	124	103+82.43	36.13 R
111	103+62.38	49.61 R	125	103+82.46	38.44 R
112	103+62.37	39.51 R	126	106+11.31	42.64 R
113	103+23.50	39.54 R			

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	SHEET NUMBER	OWNER(S)	INTEREST REQUIRED
80	4.2	WINDSTREAM	TEMPORARY RELEASE OF RIGHTS

REVISION DATE 12/09/2014	DATE 09/24/14	SCALE, FEET 0 20 40	HWY: MAIN STREET
GRID FACTOR			COUNTY: ROCK

STATE R/W PROJECT NUMBER 5990-01-19
CONSTRUCTION PROJECT NUMBER 5990-01-20
PLAT SHEET 4.02
PS&E SHEET 143

FILE NAME : P:\870S\879\00879026\CADD\RW\PLAT_5990-01-19.DWG
PLOT DATE : 12/9/2014 11:02 AM
PLOT BY : BRAD TISDALE
PLOT NAME :

WISDOT/CADDS SHEET 75

ALIGNMENT INFORMATION

PI = STA 101+01.42
Y = 268,513.083
X = 493,882.047

DA = N39°19'58"W

PI = STA 106+75.08
Y = 268,956.796
X = 493,518.449

DA = N39°08'47"W

PI = STA 109+85.59
Y = 269,197.608
X = 493,322.421

DA = N39°04'06"W

PI = STA 110+48.17
Y = 269,246.190
X = 493,282.984

DA = N35°40'15"W

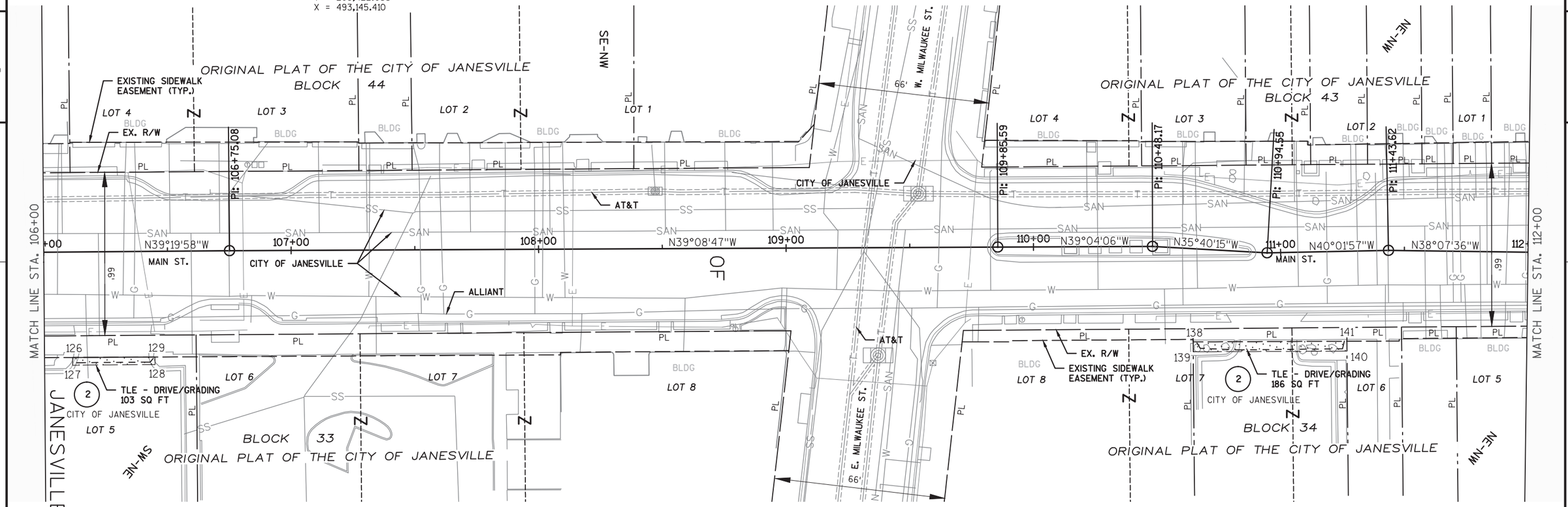
PI = STA 110+94.55
Y = 269,283.875
X = 493,255.935

DA = N40°01'57"W

PI = STA 111+43.62
Y = 269,321.447
X = 493,224.372

DA = N38°07'36"W

PI = STA 112+71.51
Y = 269,422.053
X = 493,145.410



TLE POINT	STATION	OFFSET
126	106+11.31	42.64 R
127	106+11.31	45.78 R
128	106+44.64	45.77 R
129	106+44.64	42.73 R
138	110+66.67	37.60 R
139	110+66.87	40.59 R
140	111+25.99	39.38 R
141	111+26.02	36.38 R

REVISION DATE 12/09/2014	DATE 09/24/14	SCALE, FEET 0 20 40	HWY: MAIN STREET
	GRID FACTOR _____		COUNTY: ROCK

STATE R/W PROJECT NUMBER 5990-01-19
CONSTRUCTION PROJECT NUMBER 5990-01-20
PLAT SHEET 4.03
PS&E SHEET --144 E

FILE NAME : P:\870S\879\00879026\CADD\RW\PLAT_5990-01-19.DWG
PLOT DATE : 12/9/2014 11:03 AM PLOT BY : BRAD TISDALE PLOT NAME :
WISDOT/CADDS SHEET 75

ALIGNMENT INFORMATION

PI = STA 111+43.62
Y = 269,321.447
X = 493,224.372

DA = N38°07'36"W

PI = STA 112+71.51
Y = 269,422.053
X = 493,145.410

DA = N39°33'19"W

PI = STA 113+92.74
Y = 269,515.519
X = 493,068.211

DA = N38°58'05"W

PI = STA 114+91.78
Y = 269,592.524
X = 493,005.925

DA = N42°39'26"W

PI = STA 115+92.22
Y = 269,666.388
X = 492,937.868

DA = N38°48'29"W

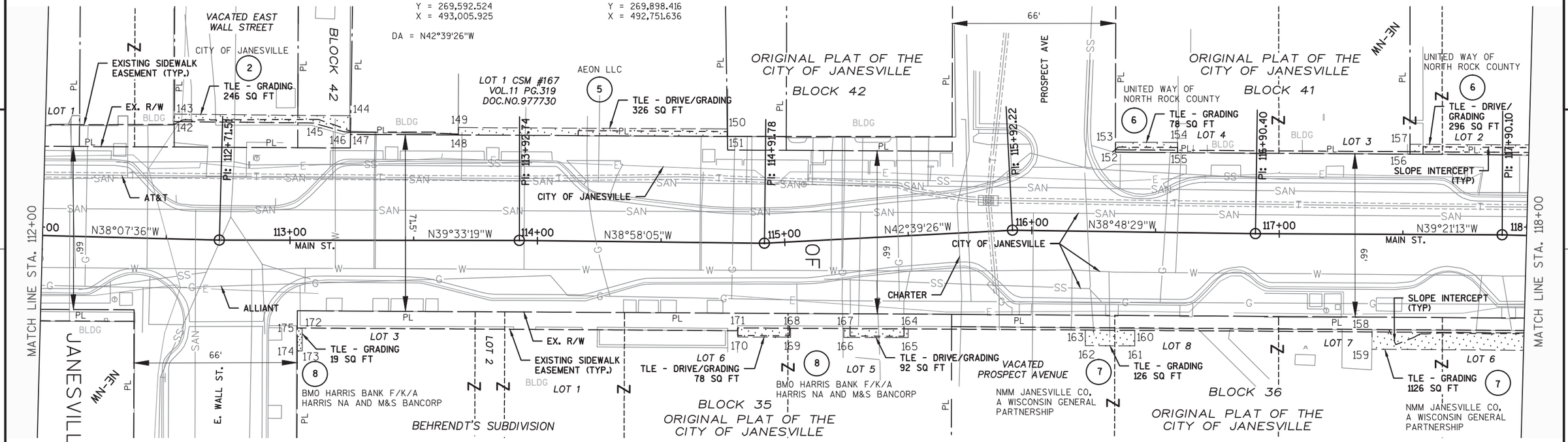
PI = STA 116+90.40
Y = 269,742.897
X = 492,876.334

DA = N39°21'13"W

PI = STA 117+90.10
Y = 269,819.990
X = 492,813.114

DA = N38°05'36"W

PI = STA 118+89.75
Y = 269,898.416
X = 492,751.636



TLE POINT	STATION	OFFSET	TLE POINT	STATION	OFFSET
142	112+52.00	47.43 L	159	117+37.70	46.50 R
143	112+51.94	50.43 L	160	116+42.18	39.79 R
144	113+24.55	50.32 L	161	116+42.23	46.04 R
145	113+09.41	47.41 L	162	116+22.23	46.25 R
146	113+21.55	43.95 L	163	116+22.18	39.94 R
147	113+24.45	43.67 L	164	115+47.95	37.61 R
148	113+68.05	42.64 L	165	115+47.76	41.13 R
149	113+68.06	45.64 L	166	115+21.84	39.66 R
150	114+76.27	46.05 L	167	115+22.04	36.10 R
151	114+76.34	43.05 L	168	115+00.53	34.83 R
152	116+33.31	33.09 L	169	115+00.33	38.45 R
153	116+33.27	36.17 L	170	114+81.37	37.99 R
154	116+58.40	36.41 L	171	114+81.37	34.31 R
155	116+58.43	33.28 L	172	113+05.03	35.48 R
156	117+52.72	33.42 L	173	113+05.01	44.74 R
157	117+52.70	36.42 L	174	113+03.01	44.74 R
158	117+37.72	39.50 R	175	113+03.03	35.48 R

REVISION DATE
12/09/2014 NC

DATE 09/24/14

GRID FACTOR _____

SCALE, FEET
0 20 40

HWY: MAIN STREET

COUNTY: ROCK

STATE R/W PROJECT NUMBER 5990-01-19

CONSTRUCTION PROJECT NUMBER 5990-01-20

PLAT SHEET 4.04

PS&E SHEET -- 145

E

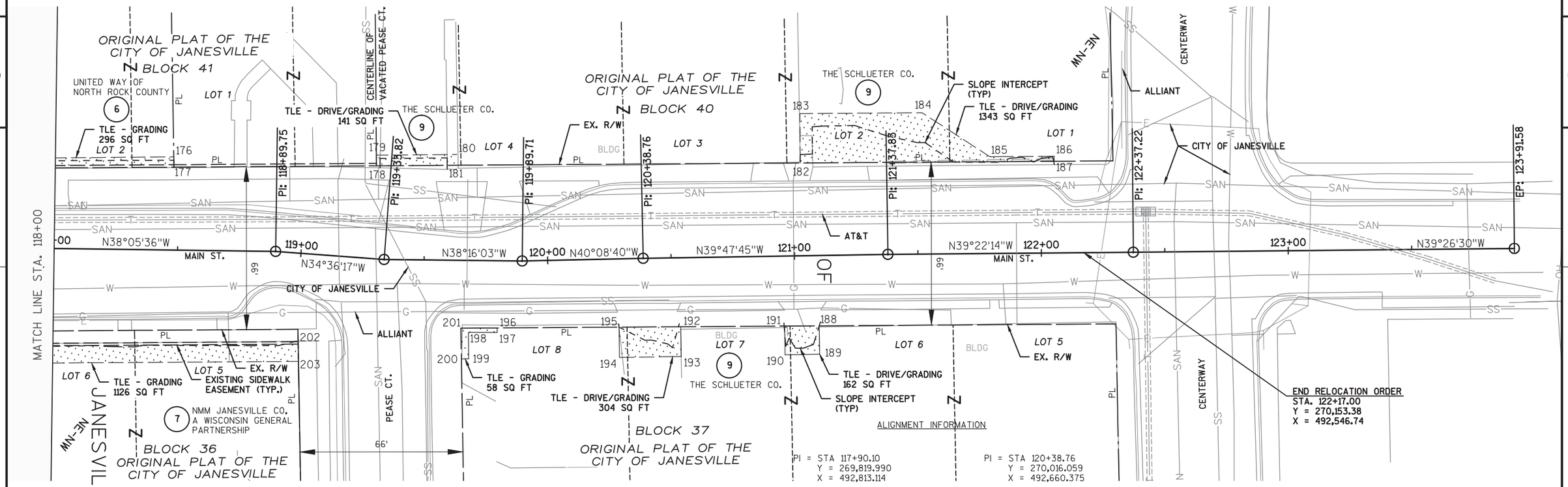
FILE NAME : P:\870S\879\00879026\CADD\RW\PLAT_5990-01-19.DWG

PLOT DATE : 12/9/2014 11:04 AM

PLOT BY : BRAD TISDALE

PLOT NAME :

WISDOT/CADDS SHEET 75



TLE POINT	STATION	OFFSET	TLE POINT	STATION	OFFSET
176	118+47.96	37.70 L	190	120+95.55	40.00 R
177	118+48.05	34.54 L	191	120+95.55	28.36 R
178	119+27.87	37.59 L	192	120+53.49	27.96 R
179	119+27.51	41.88 L	193	120+53.49	40.00 R
180	119+62.70	42.81 L	194	120+28.25	39.94 R
181	119+62.78	38.46 L	195	120+28.32	27.66 R
182	121+02.94	37.55 L	196	119+79.83	27.22 R
183	121+03.13	57.55 L	197	119+79.88	29.06 R
184	121+52.18	57.19 L	198	119+68.20	29.09 R
185	121+79.55	39.14 L	199	119+68.49	39.81 R
186	122+05.54	39.08 L	200	119+65.49	39.90 R
187	122+05.53	37.08 L	201	119+65.15	27.47 R
188	121+09.55	28.50 R	202	119+01.60	36.75 R
189	121+09.55	40.00 R	203	119+02.24	43.72 R

ALIGNMENT INFORMATION

PI = STA 117+90.10
Y = 269,819.990
X = 492,813.114

DA = N38°05'36"W

PI = STA 118+89.75
Y = 269,898.416
X = 492,751.636

DA = N34°36'17"W

PI = STA 119+33.82
Y = 269,934.684
X = 492,726.612

DA = N38°16'03"W

PI = STA 119+89.71
Y = 269,978.568
X = 492,691.994

DA = N40°08'40"W

PI = STA 120+38.76
Y = 270,016.059
X = 492,660.375

DA = N39°47'45"W

PI = STA 121+37.83
Y = 270,092.183
X = 492,596.960

DA = N39°22'14"W

PI = STA 122+37.22
Y = 270,169.017
X = 492,533.913

DA = N39°26'30"W

PI = STA 123+91.58
Y = 270,288.222
X = 492,435.853

REVISION DATE 12/09/2014 NC	DATE 09/24/14	SCALE, FEET 0 20 40	HWY: MAIN STREET
	GRID FACTOR _____		COUNTY: ROCK

STATE R/W PROJECT NUMBER 5990-01-19	PLAT SHEET 4.05	
CONSTRUCTION PROJECT NUMBER 5990-01-20	PS&E SHEET 146	E

100 S MAIN ST
ONE HUNDRED SOUTH MAIN LLP

69 S WATER ST
CITY OF JANESVILLE

60 S MAIN ST
JOHN H HUNT JR
RICHARD & LINDA
DEWAR

58 S MAIN ST
EDWIN L NASH

54 S MAIN ST
DAVID W GRAHAM
TERRI L GRAHAM

50 S MAIN ST
KENT BLOCK PROPERTIES LLC

38 S MAIN ST
CERTIFIED PARTS CORP.

34 S MAIN ST
CERTIFIED PARTS CORP.

32 S MAIN ST
DEE VAN
RUYVEN

30 S M
30 S MA

ST. LAWRENCE AVE.

MILL & OVERLAY LIMITS TYP.

MATCH EXISTING SIDEWALK, SAWING CONCRETE REQ'D.

EXISTING SIDEWALK EASEMENT (TYP.)

EX. R/W

CLEARING & GRUBBING 2-INCH DIA. TREE

AT&T (TYP.)

MATCH EXISTING SIDEWALK, SAWING CONCRETE REQ'D.

CITY OF JANESVILLE (TYP.)

CHARTER

TRASH CONTAINER (REMOVE AND SALVAGE)

GAZETTE BOX (REMOVE BY OTHERS)

BENCH (REMOVE AND SALVAGE)

CONCRETE PAVEMENT, SAWING CONCRETE REQ'D.

MATCH EXISTING SIDEWALK, SAWING CONCRETE REQ'D.

EXISTING STEP TO REMAIN

AT&T

MATCH EXISTING SIDEWALK, SAWING CONCRETE REQ'D.

BP: 100+00.00

PI: 101+01.42

TLE

CAUTION

CLEARING & GRUBBING 14-INCH DIA. TREE

EXISTING STEPS TO REMAIN

EX. R/W

EXISTING SIDEWALK EASEMENT (TYP.)

MILL & OVERLAY LIMITS TYP.

CLEARING & GRUBBING 6-INCH DIA. TREE

100+00 | 101+00 | 102+00 | 103+00 | 104+00 | 105+00 | 106

MAIN ST.

MAIN ST.

MATCH LINE STA. 106+00

CLEARING & GRUBBING 12-INCH DIA. TREE

CLEARING & GRUBBING 12-INCH DIA. TREE

GRUBBING 12-INCH DIA.

ADJUSTING MANHOLE COVER

EXISTING STEP TO REMAIN

EXISTING STEPS TO REMAIN

BM*8

BM*6

BM*7

MATCH EXISTING SIDEWALK, SAWING CONCRETE REQ'D.

CITY OF JANESVILLE

EX. R/W
EXISTING SIDEWALK EASEMENT (TYP.)

CLEARING & GRUBBING 10-INCH DIA. TREE

CLEARING & GRUBBING 6-INCH DIA. TREE

(REMOVE AND SALVAGE)

EX. R/W
EXISTING SIDEWALK EASEMENT (TYP.)

MATCH EXISTING SIDEWALK, SAWING CONCRETE REQ'D.

WINDSTREAM (TYP.)

ALLIANT (TYP.)

MILL & OVERLAY LIMITS TYP.

(REMOVE AND SALVAGE)

MATCH EXISTING SIDEWALK, SAWING CONCRETE REQ'D.

WINDSTREAM (TYP.)

ALLIANT (TYP.)

MILL & OVERLAY LIMITS TYP.

(REMOVE BY OTHERS)

EXISTING STEPS TO REMAIN

BENCHMARKS

NO.	DESCRIPTION	STATION	OFFSET	ELEV.
6	TOP NUT OF HYDRANT	104+63.8	29.6' RT	778.96
7	TOP OF STONE	103+66.9	56.4' RT	776.60
8	TOP NUT OF HYDRANT	101+37.1	24.7' RT	777.81

BEGIN PROJECT
STA. 100+50.00
Y = 268,473.61
X = 493,915.01

101 S MAIN ST
ONE PARKER PLACE LLP

51 S MAIN ST
COUNTY OF ROCK

37 S MAIN ST
KIMBALL PROPERTIES 39 LLC

31 S MAIN ST
LARRY O BOZART
JONI L BOZART

29 S MAIN ST
ACJ HOLDINGS LLC

E. COURT ST.

ST. LAWRENCE AVE.

PROPOSED CL PROFILE

EXISTING GROUND PROFILE

0.29% 0.29% 0.39% 0.39% 0.39% 0.39% 0.39% 0.39% 0.30% 0.30% 0.36% 0.35% 0.15% 0.16% 0.19% 0.21% 0.35% 0.35% 0.42% 0.40% 0.30% 0.30% 0.07%

780.00 778.00 776.00 774.00 772.00 770.00 768.00 766.00

100+00 101+00 102+00 103+00 104+00 105+00 106+00

774.43	774.46	774.48	774.56	774.63	774.72	774.82	774.92	775.02	775.12	775.21	775.29	775.36	775.45	775.54	775.58	775.62	775.67	775.72	775.81	775.89	776.00	776.10	776.17	776.24
774.43	774.46	774.48	774.56	774.63	774.72	774.82	774.92	775.02	775.12	775.21	775.29	775.36	775.45	775.54	775.58	775.62	775.67	775.72	775.81	775.89	776.00	776.10	776.17	776.24

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PLAN AND PROFILE: MAIN STREET	SHEET	E

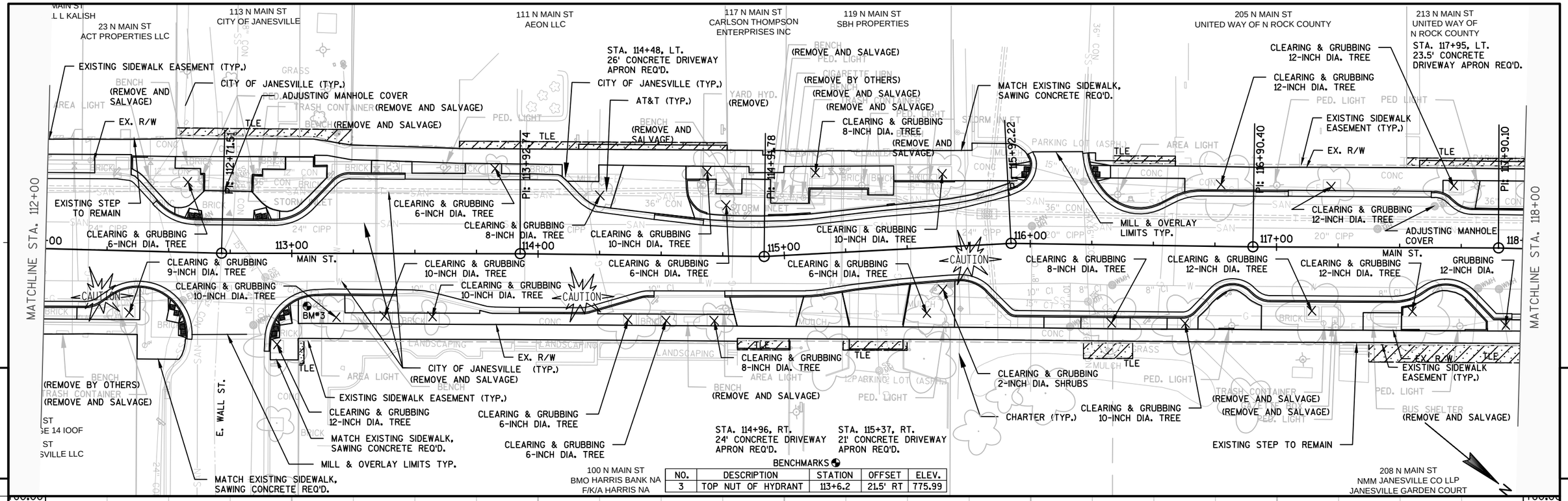
FILE NAME : P:\870S\879\00879026\CADD\DESIGN\EDGELINES\PANP-MAINST.DWG
PLOT DATE : 12/17/2014 1:12 PM
PLOT BY : JASON DOLENS
PLOT NAME :
PLOT SCALE : 1" = 40'_XREF

BENCHMARKS				
NO.	DESCRIPTION	STATION	OFFSET	ELEV.
4	TOP NUT OF HYDRANT	109+83.2	31.0' LT	779.31
5	TOP NUT OF HYDRANT	108+97.7	30.3' RT	779.76

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PLAN AND PROFILE: MAIN STREET	SHEET E

FILE NAME : P:\870S\879\00879026\CADD\DESIGN\EDGELINES\PANP-MAINST.DWG PLOT DATE : 12/17/2014 1:12 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 44



PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PLAN AND PROFILE: MAIN STREET	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\DESIGN\EDGELINES\PANP-MAINST.DWG PLOT DATE : 12/17/2014 1:12 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 40'_XREF

225 N MAIN ST
CITY OF JANESVILLE

301 N MAIN ST
THE SCHLUETER CO

411 N MAIN ST
ADAMS & SONS LTD

CENTERWAY

MATCHLINE STA. 118+00

STA. 119+45, LT.
19.5' CONCRETE
DRIVEWAY APRON REQ'D.

STA. 119+82, LT.
14' CONCRETE DRIVEWAY
APRON REQ'D.

STA. 121+37, LT.
22' CONCRETE DRIVEWAY
APRON REQ'D.

ADJUSTING MANHOLE COVER

CLEARING & GRUBBING
12-INCH DIA. TREE

EXISTING STEP TO REMAIN

CLEARING & GRUBBING
2-INCH DIA. SHRUBS

EX. R/W

AT&T

CITY OF JANESVILLE

ALLIANT (TYP.)

MATCH EXISTING SIDEWALK,
SAWING CONCRETE REQ'D.

PI: 118+89.75

PI: 119+35.82

PI: 119+89.71

PI: 120+38.76

PI: 121+37.83

PI: 122+37.22

EP: 123+91.58

CLEARING & GRUBBING
6-INCH DIA. TREE

MAIN ST.

118+00

119+00

120+00

121+00

122+00

123+00

123+92

CLEARING & GRUBBING
12-INCH DIA. TREE

CLEARING & GRUBBING
8-INCH DIA. TREE

GRUBBING 8-INCH DIA.

CAUTION

BM*2

EXISTING SIDEWALK
EASEMENT (TYP.)

MATCH EXISTING SIDEWALK,
SAWING CONCRETE REQ'D.

CLEARING & GRUBBING
12-INCH DIA. TREE

PEASE CT.

MILL & OVERLAY
LIMITS TYP.

MATCH EXISTING SIDEWALK,
SAWING CONCRETE REQ'D.

GRUBBING 8-INCH DIA.

EXISTING STEP TO REMAIN

MATCH EXISTING SIDEWALK,
SAWING CONCRETE REQ'D.

ALLIANT (TYP.)

CITY OF JANESVILLE

BM*1

STA. 120+41 RT.
24' CONCRETE DRIVEWAY
APRON REQ'D.

STA. 121+03 RT.
15' CONCRETE DRIVEWAY
APRON REQ'D.

END PROJECT
STA. 122+17.00
Y = 270,153.38
X = 492,546.74

BENCHMARKS

NO.	DESCRIPTION	STATION	OFFSET	ELEV.
1	TOP NUT OF HYDRANT	122+89.8	33.5' RT	776.04
2	TOP NUT OF HYDRANT	119+66.2	20.0' RT	775.52

112 E CENTERWAY
THE SCHLUETER CO

107 E CENTERWAY
RICHARD D DONAHUE REVOC TRUST
MARY M DONAHUE REVOC TRUST

EXISTING GROUND PROFILE

PROPOSED CL PROFILE

0.38% 0.37% -0.02% 0.02% 0.08% 0.06% 0.51% 0.51% 0.17% 0.21% 0.27% 0.23% 0.18% 0.16% 0.15% 0.15%-0.23% -0.97%

778.00 776.00 774.00 772.00 770.00 768.00 766.00 764.00

118+00 119+00 120+00 121+00 122+00 123+00 123+92

772.82	772.95	772.92	773.04	772.97	773.09	772.96	773.09	772.97	773.09	772.99	773.11	773.05	773.18	773.18	773.30	773.27	773.40	773.31	773.44	773.37	773.49	773.43	773.56
773.49	773.62	773.54	773.66	773.58	773.70	773.62	773.74	773.61	773.73	773.55	773.70	773.69	773.54	773.57	773.54	773.43							

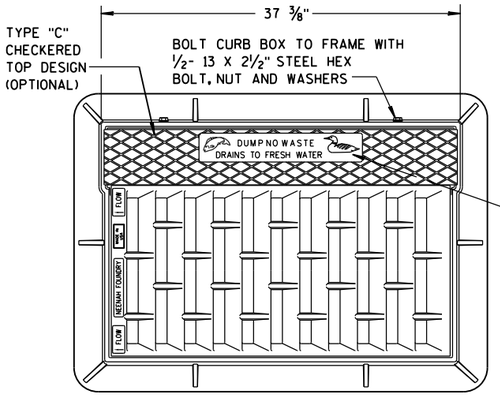
PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PLAN AND PROFILE: MAIN STREET	SHEET	E

FILE NAME : P:\870S\879\00879026\CADD\DESIGN\EDGELINES\PANP-MAINST.DWG PLOT DATE : 12/17/2014 1:12 PM PLOT BY : JASON DOLENS PLOT NAME : PLOT SCALE : 1" = 40'_XREF

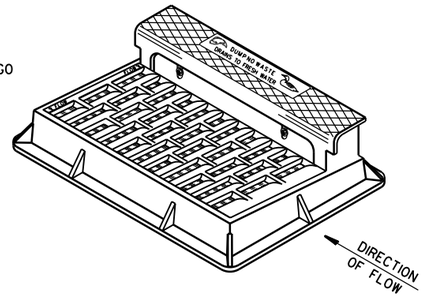
WISDOT/CADDS SHEET 44

Standard Detail Drawing List

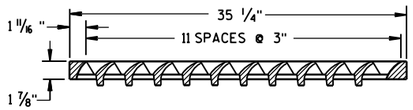
08A05-19A	INLET COVERS TYPE A, H, A-S, H-S & Z
08B09-01	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER
08C07-01	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08D01-17	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08D05-15A	CURB RAMPS TYPES 1 AND 1-A
08D05-15B	CURB RAMPS TYPES 2 AND 3
08D05-15C	CURB RAMPS TYPES 4A AND 4A1
08D05-15D	CURB RAMPS TYPE 4B AND 4B1
08D05-15E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E14-01	TRACKING PAD
09B02-08	CONDUIT UNDER PAVED HIGHWAYS
09B04-11	PULL BOX
09C02-07	CONCRETE BASES, TYPES 1, 2, 5, & 6
09C03-04	TRANSFORMER/PEDESTAL BASES
09C06-07	CONCRETE CONTROL CABINET BASE, TYPE 9, SPECIAL
09D02-03	SIGNAL CONTROL CABINET
09E01-12C	POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS, TYPE 4
09E01-13A	POLE MOUNTINGS FOR TRAFFIC SIGNALS TYPE 2
09E01-13G	HARDWARE DETAILS FOR POLE MOUNTINGS
09E03-05	NON-FREEWAY LIGHTING UNIT POLE WIRING
09E06-05	TRAFFIC SIGNAL STANDARD POLY BRACKET MOUNTINGS (TYPICAL) 13 FT. OR 15 FT.
09E07-05	TRAFFIC SIGNAL STANDARD PEDESTRIAN AND FLASHER TYPICAL MOUNTING DETAILS
09F15-04B	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)
11B02-02	CONCRETE MEDIAN NOSE
14A02-01	TREE PLANTING DETAIL
15C02-05A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-05B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-05C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C07-12B	PAVEMENT MARKING WORDS
15C07-12C	PAVEMENT MARKING ARROWS
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16E	PAVEMENT MARKING (LEFT TURN LANE)
15C33-01	STOP LINE AND CROSSWALK PAVEMENT MARKING
15D22-02	TRAFFIC CONTROL, TWO LANE CLOSURE, NON-FREEWAY/EXPRESSWAY

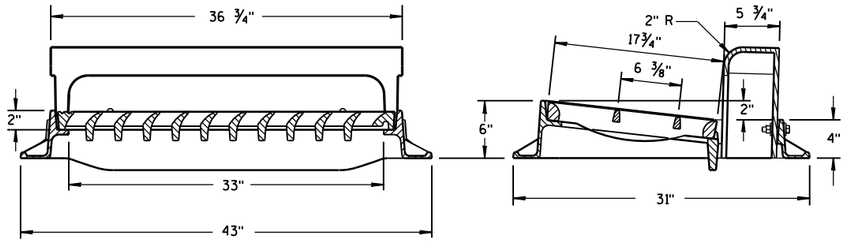


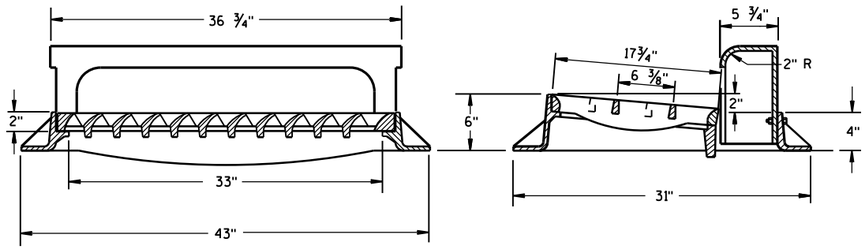
NOTE:
GRATE IS REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

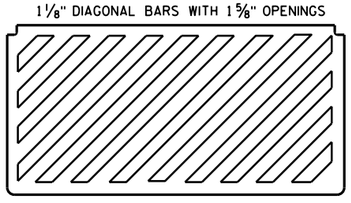






TYPE "H"

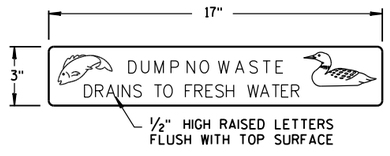
NOTE: EITHER CASTING IS ACCEPTABLE



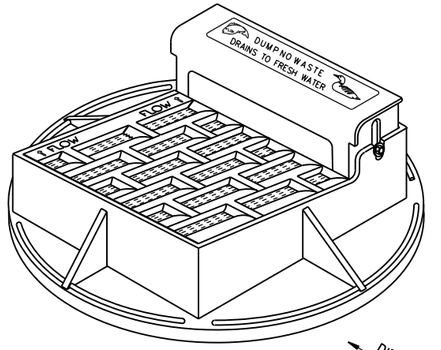
SPECIAL GRATE FOR TYPE "H" COVER

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

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

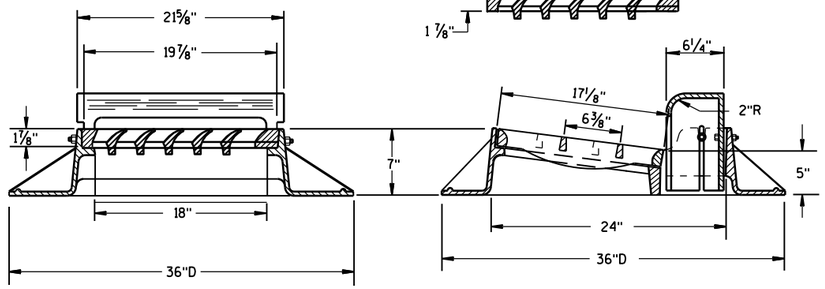


LOGO DETAIL



NOTE: CURB BOX ADJUSTABLE 4" TO 9"

NOTE:
GRATE IS REVERSIBLE.



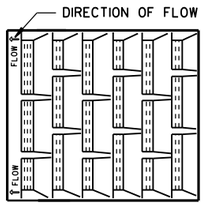
TYPE "A"

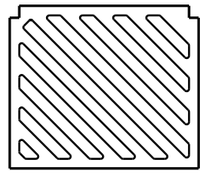
GENERAL NOTES

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.

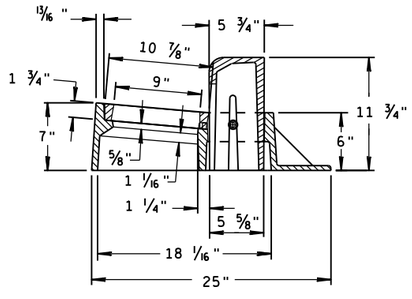


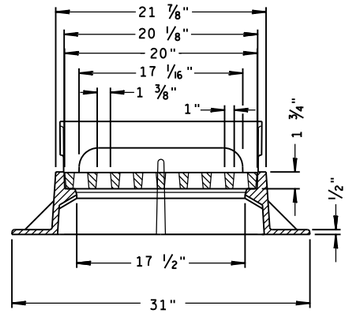


SPECIAL GRATE FOR TYPE "A" COVER

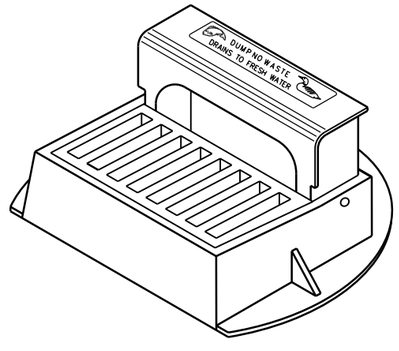
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)





TYPE "Z"



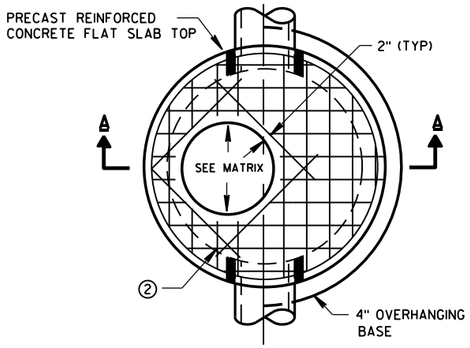
INLET COVERS
TYPE A, H, A-S, H-S & Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

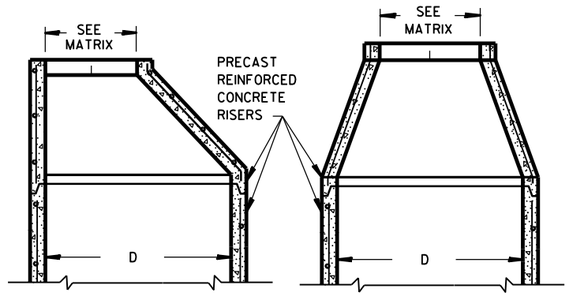
APPROVED
11-27-13 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

6

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

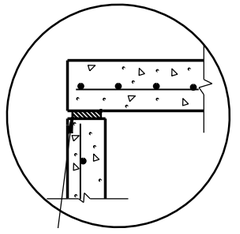


PLAN VIEW CIRCULAR OPENING

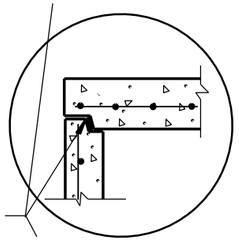


OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP

OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

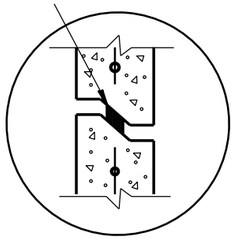


TOP WITH PLAIN END JOINT



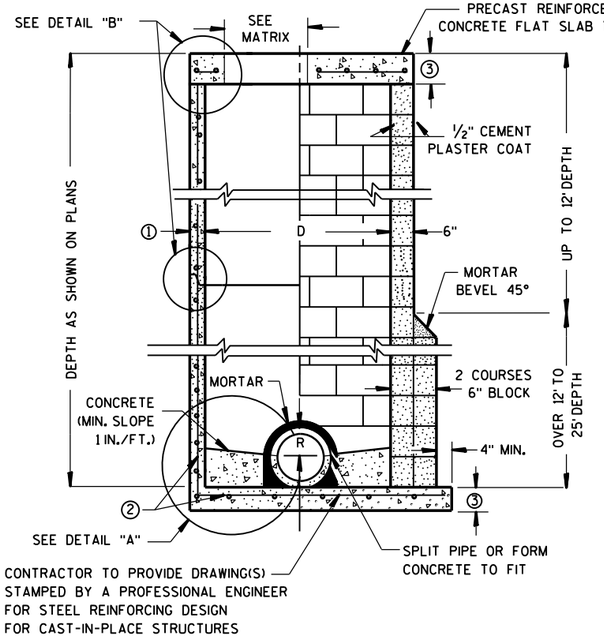
JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C990 (TYP)

TOP WITH TONGUE AND GROOVE JOINT



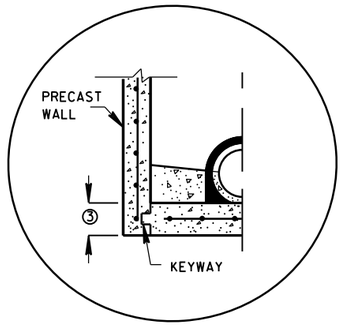
RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

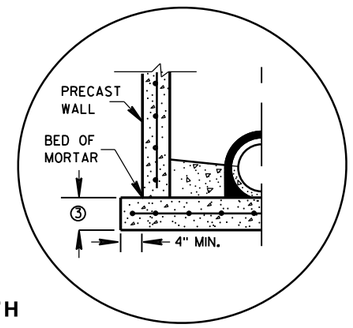


PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

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

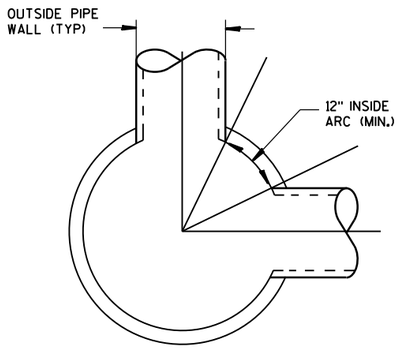


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



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 GRANULAR 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. THE CONE TOPS SHALL BE INSTALLED ON A BED OF MORTAR.

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

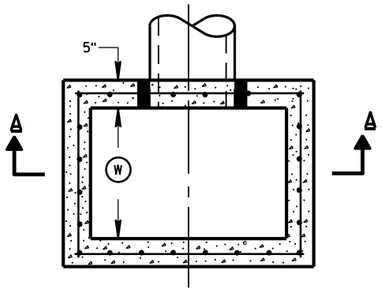
MANHOLE SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18
5-FT	36	24
6-FT	42	36
7-FT	48	36
8-FT	60	42

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

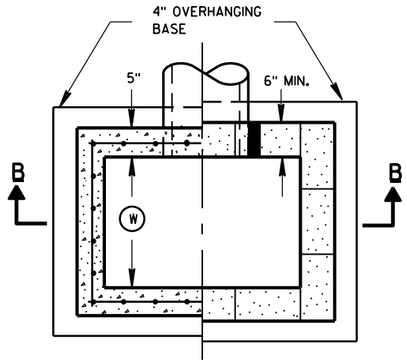
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

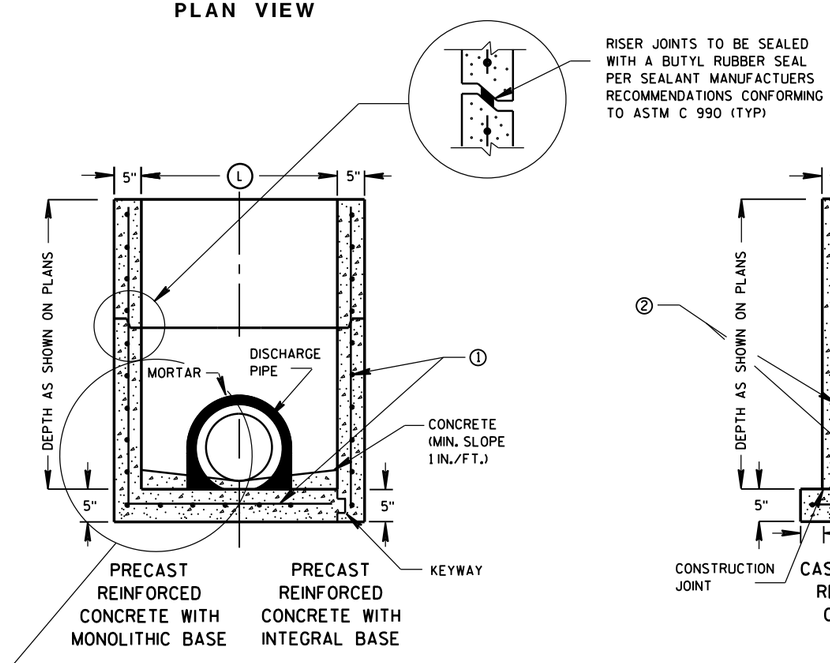
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S.D.D. 8 B 9-1



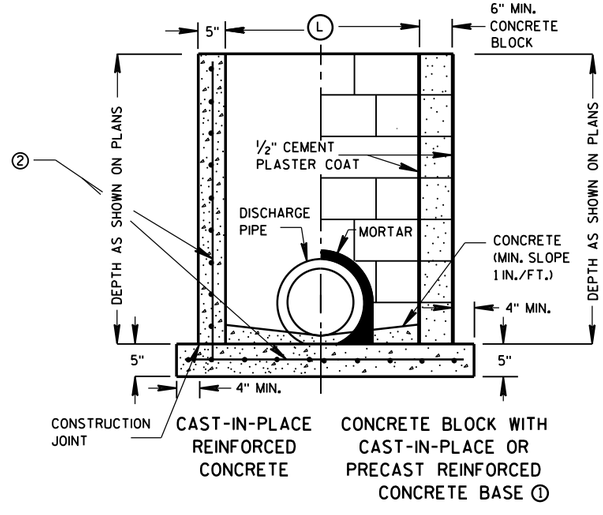
PLAN VIEW



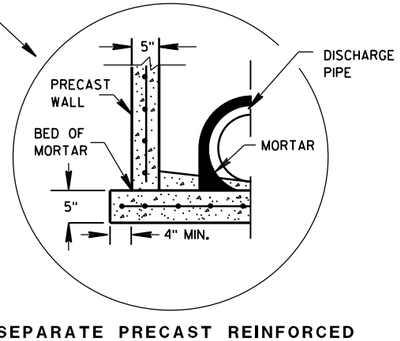
PLAN VIEW



SECTION A-A



SECTION B-B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

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 INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

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

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

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

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF GRANULAR 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 INCH 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.

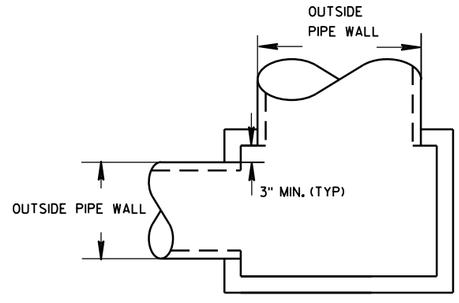
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM
	WIDTH (W) (FT)	LENGTH (L) (FT)									
2X2-FT	2	2	X	X				X		X	
2X2.5-FT	2	2.5			X			X	X	X	X
2X3-FT	2	3					X				
2.5X3-FT	2.5	3				X					

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
2X2-FT	12	12
2X2.5-FT	12	18
2X3-FT	12	24
2.5X3-FT	18	24



DETAIL "A"

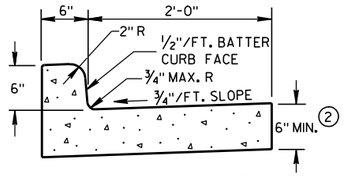
INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

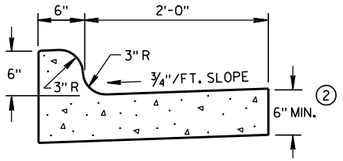
APPROVED
6/5/2012
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DE ENGINEER
FHWA

6

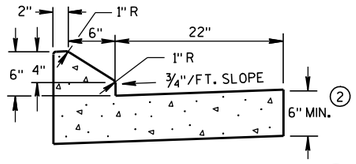
S.D.D. 8 C 7-1



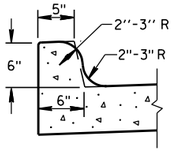
TYPES A & D (1)



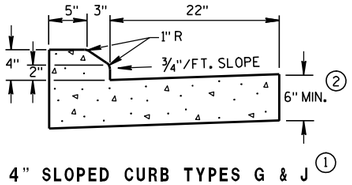
TYPES K & L (1)



6" SLOPED CURB TYPES G & J (1)

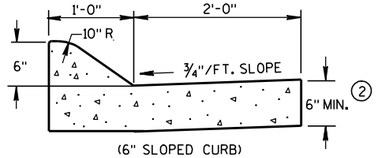


OPTIONAL CURB SHAPE FOR TYPES K & L (1)

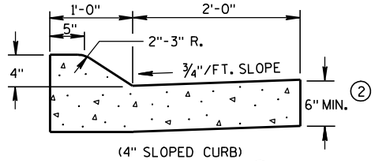


4" SLOPED CURB TYPES G & J (1)

CONCRETE CURB & GUTTER 30"

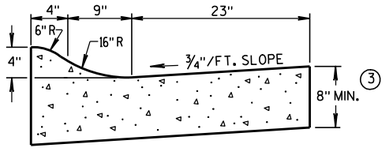


(6" SLOPED CURB)



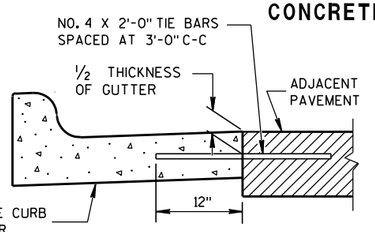
(4" SLOPED CURB)

TYPES A & D (1)

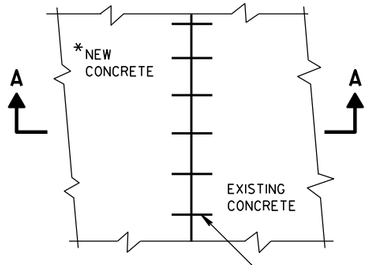


4" SLOPED CURB TYPES R & T (1) (4)

CONCRETE CURB & GUTTER 36"

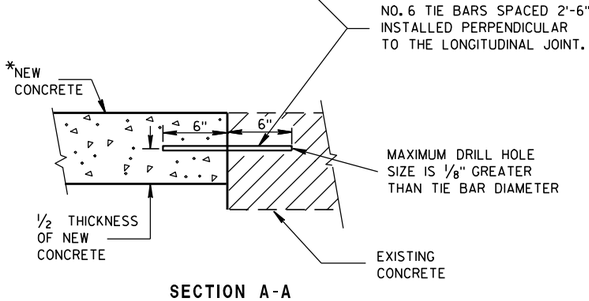


TYPICAL TIE BAR LOCATION (1)



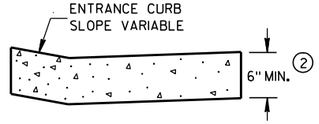
*NEW CURB & GUTTER, SURFACE DRAINS, CONCRETE PAVEMENT OR OTHER NEW CONCRETE.

PLAN VIEW



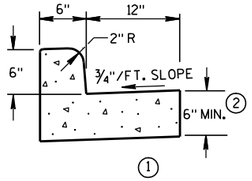
SECTION A-A

TIE BARS DRILLED INTO EXISTING PAVEMENT



DRIVEWAY ENTRANCE CURB

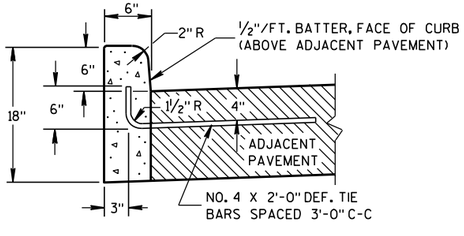
(WHEN DIRECTED BY THE ENGINEER)



(1)

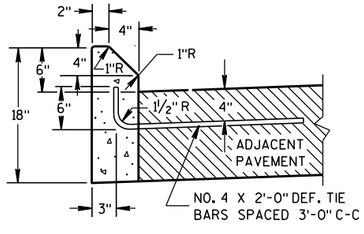
TYPES A & D

CONCRETE CURB & GUTTER 18"



(1)

TYPES A & D



(1)

TYPES G & J

CONCRETE CURB

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS 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 & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

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

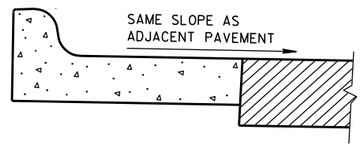
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K AND R.

(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) 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.

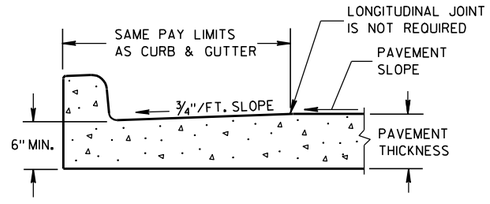
(4) THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

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

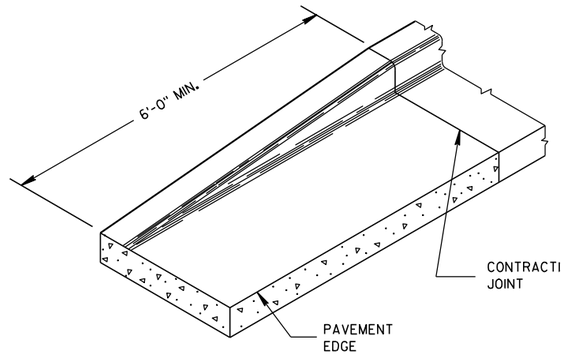


REVERSE SLOPE GUTTER (5)

(TYPICAL FOR ALL CURB & GUTTER TYPES)



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB & GUTTER



END SECTION CURB & GUTTER

CONCRETE CURB, CONCRETE CURB & GUTTER AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

9/4/08
DATE

/S/ Jerry H. [illegible]
ROADWAY STANDARDS ENGINEER

FHWA

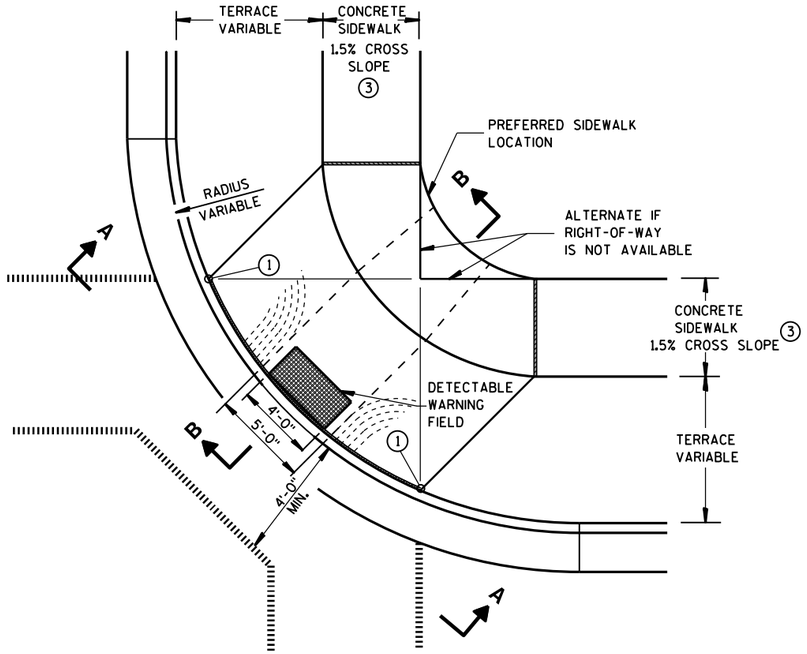
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S.D.D. 8 D 1-17

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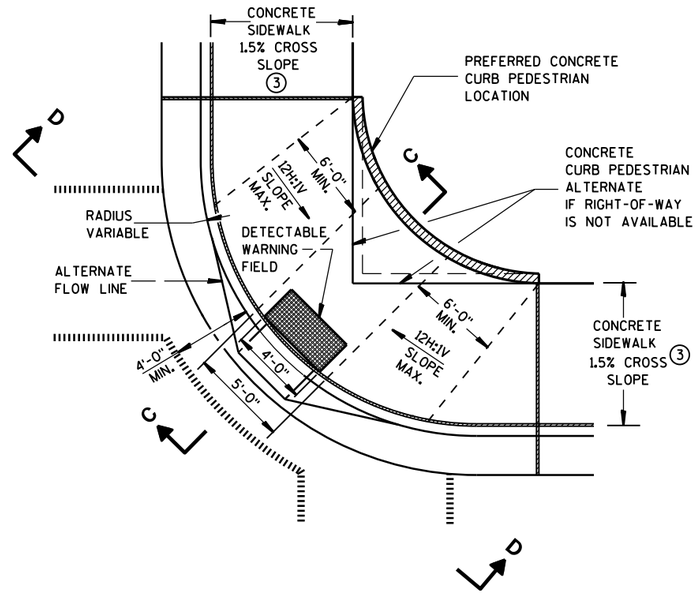
S.D.D. 8 D 1-17



PLAN VIEW

TYPE 1 RAMP

(CENTER OF CORNER RADIUS)



PLAN VIEW

TYPE 1-A RAMP

(NO TERRACE)

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.

RAMPS SHALL BE BUILT AT 12H:1V OR FLATTER. WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

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

DETECTABLE WARNING FIELD 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 LINEAL 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.

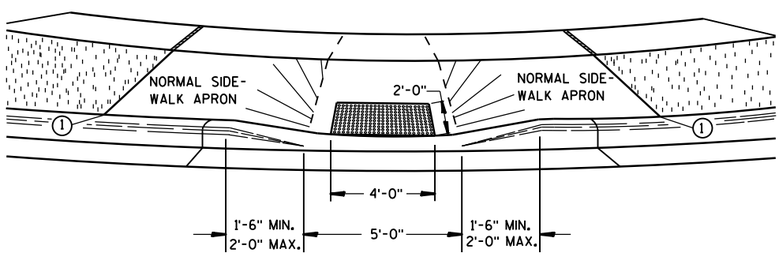
① THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB.

② GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. PROVIDE DRAINAGE AWAY FROM CURB RAMP AT GUTTER FLAG INTERFACE.

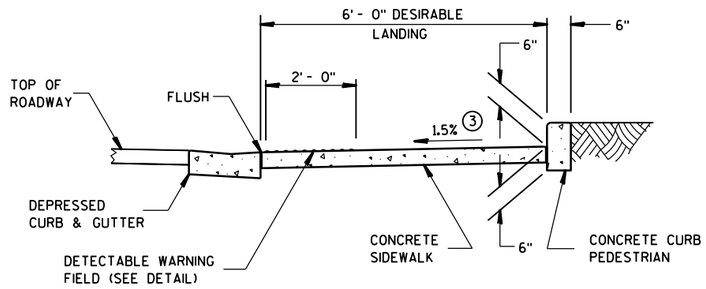
③ ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

LEGEND

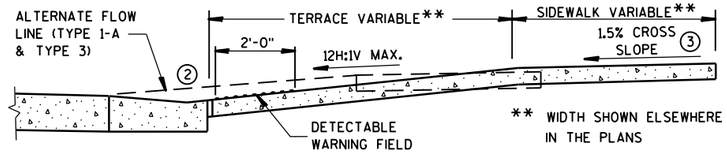
- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT



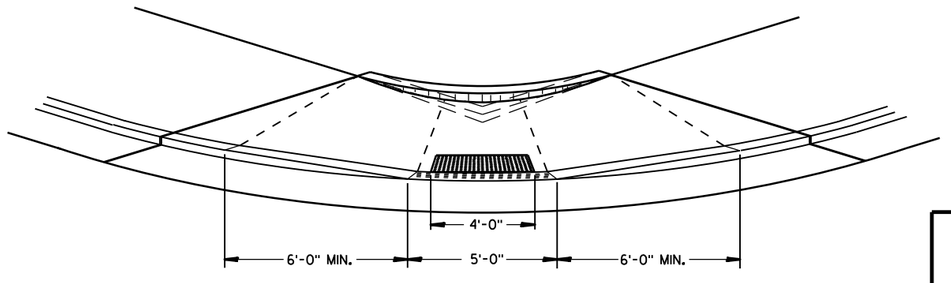
VIEW A-A



SECTION C-C



SECTION B-B



VIEW D-D

CURB RAMPS TYPES 1 AND 1-A

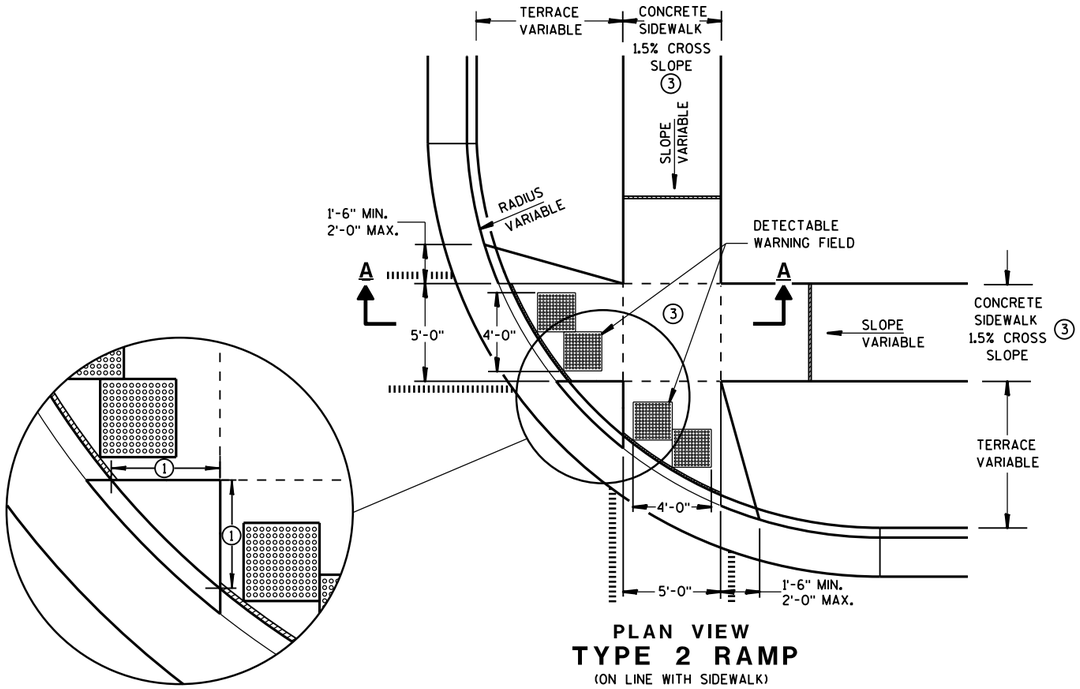
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 8 D 5-15a

6

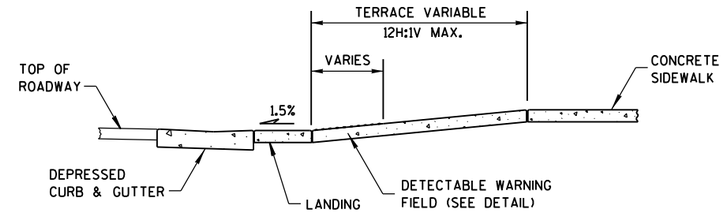
S.D.D. 8 D 5-15a



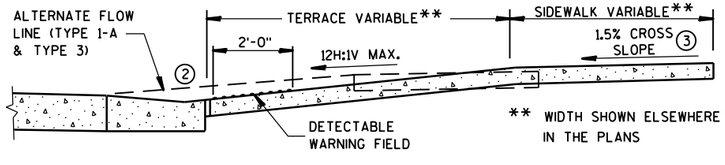
PLAN VIEW

TYPE 2 RAMP

(ON LINE WITH SIDEWALK)



SECTION A-A



SECTION B-B

GENERAL NOTES

USE THE TYPE 3 RAMP ONLY WHEN A TYPE 1 OR TYPE 2 CANNOT BE ACHIEVED BECAUSE OF FIELD CONDITIONS.

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

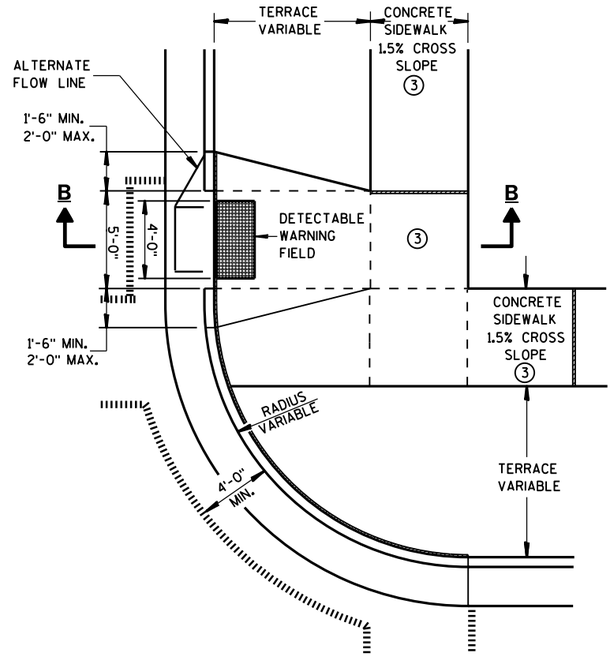
① WHEN THIS DISTANCE IS LESS THAN 6'-0" IT MAY BE DIFFICULT TO ACHIEVE A 12H:1V SLOPE, OR FLATTER, ON THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 12H:1V SLOPE, OR FLATTER, ON RAMP. 2" MINIMUM CURB HEIGHT.

② GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. PROVIDE DRAINAGE AWAY FROM CURB RAMP AT GUTTER FLAG INTERFACE.

③ ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

LEGEND

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



PLAN VIEW

TYPE 3 RAMP

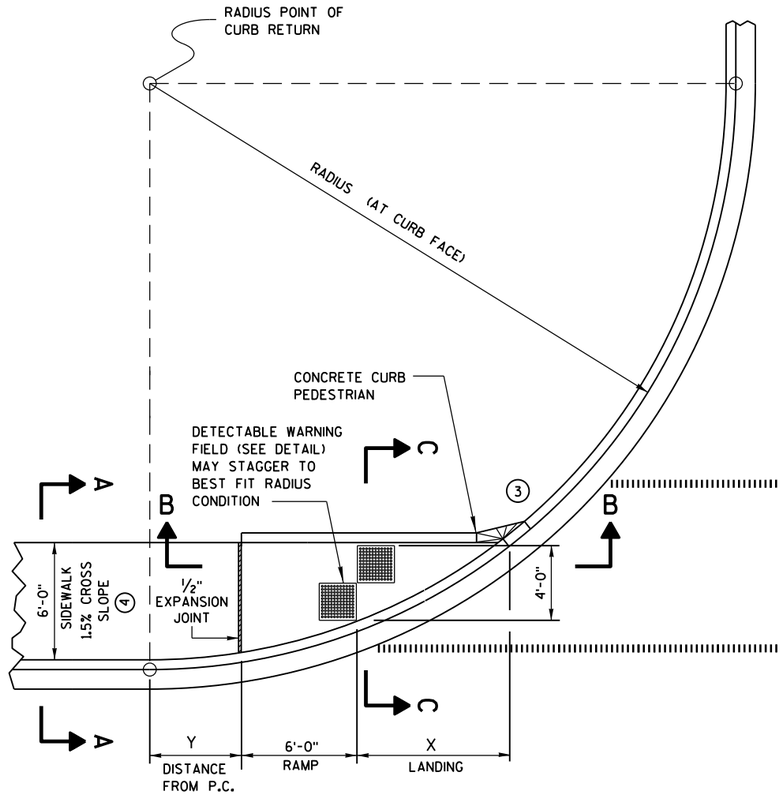
(OUTSIDE OF CROSSWALK AREA)

CURB RAMPS TYPES 2 AND 3

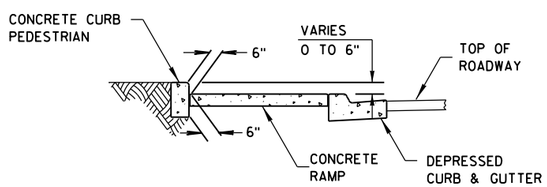
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

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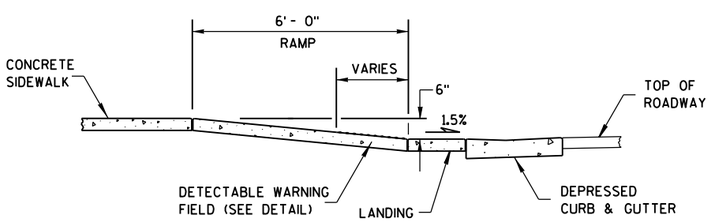
S.D.D. 8 D 5-15b



CURB RAMP TYPE 4A
PLAN VIEW



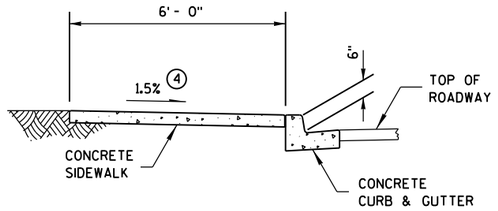
SECTION C-C FOR TYPE 4A



SECTION B-B FOR TYPE 4A

RADIUS (AT CURB FACE)	X	Y
20 FEET	6'-1¾"	2'-7¼"
30 FEET	7'-11¾"	4'-8¼"
40 FEET	9'-5¼"	6'-5"
50 FEET	10'-8¾"	7'-11¼"
60 FEET	11'-10¼"	9'-3½"

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A-A FOR TYPE 4A

GENERAL NOTES

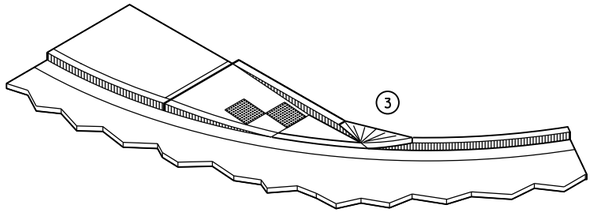
AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1.

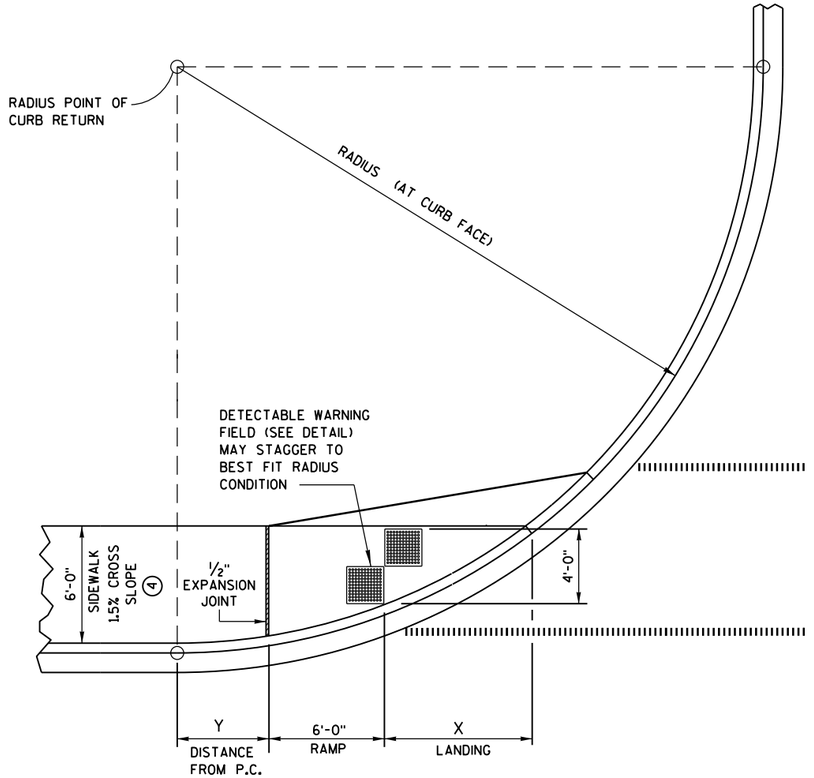
DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

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

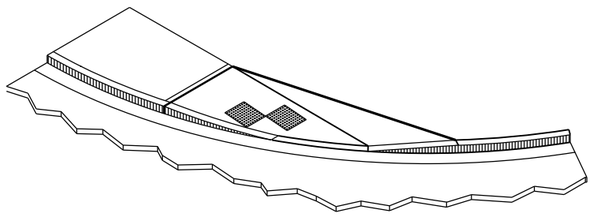
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.



ISOMETRIC VIEW FOR TYPE 4A



CURB RAMP TYPE 4A1
PLAN VIEW



ISOMETRIC VIEW FOR TYPE 4A1

LEGEND

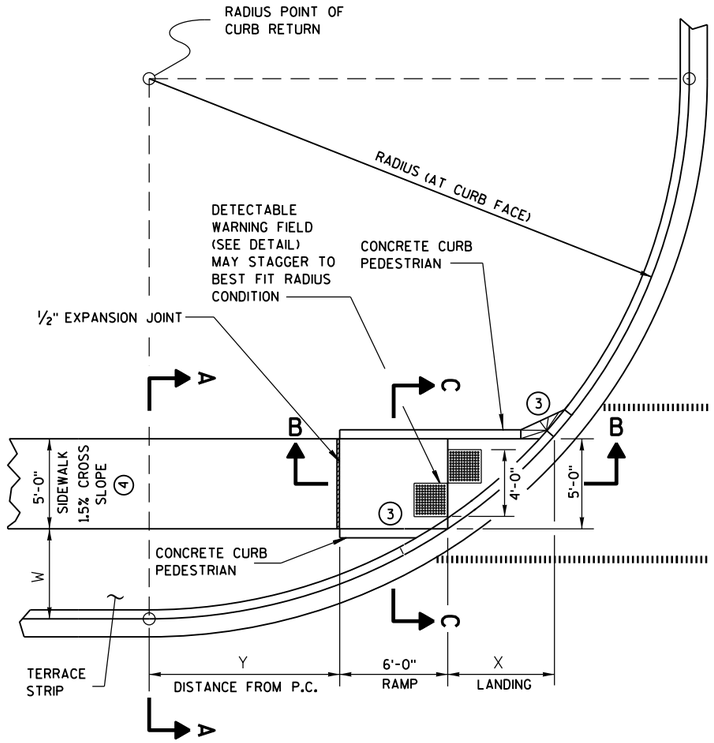
- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS
TYPES 4A AND 4A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

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S.D.D. 8 D 5-15c



CURB RAMP TYPE 4B
PLAN VIEW

LEGEND

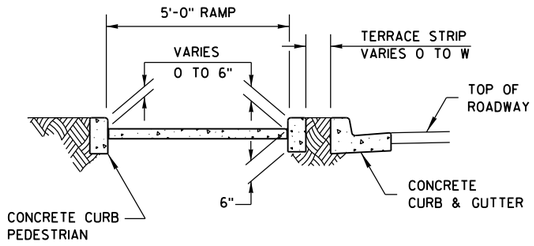
½" EXPANSION JOINT-SIDEWALK

CONTRACTION JOINT FIELD LOCATED

PAVEMENT MARKING CROSSWALK (WHITE)

RADIUS (AT CURB FACE)	W = 3'-0"		W = 4'-0"		W = 5'-0"		W = 6'-0"		W = 7'-0"	
	X	Y	X	Y	X	Y	X	Y	X	Y
20 FEET	5'-5½"	4'-6½"	4'-8½"	6'-0"	4'-1"	7'-2¾"	3'-7"	8'-3½"	3'-1½"	9'-2½"
30 FEET	7'-3¾"	7'-1"	6'-5½"	8'-11½"	5'-9¼"	10'-7"	5'-2½"	12'-0"	4'-8¾"	13'-3¼"
40 FEET	8'-9½"	9'-2½"	7'-10"	11'-5¼"	7'-1"	13'-4½"	6'-5¾"	15'-¾"	5'-11½"	16'-7¼"
50 FEET	10'-¾"	11'-¾"	9'-¼"	13'-7¼"	8'-2½"	15'-9½"	7'-6½"	17'-9"	6'-11¾"	19'-6¼"
60 FEET	11'-2½"	12'-8¾"	10'-¾"	15'-6½"	9'-2¼"	17'-11¾"	8'-5¾"	20'-1¾"	7'-10½"	22'-1½"

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION C-C FOR TYPE 4B

GENERAL NOTES

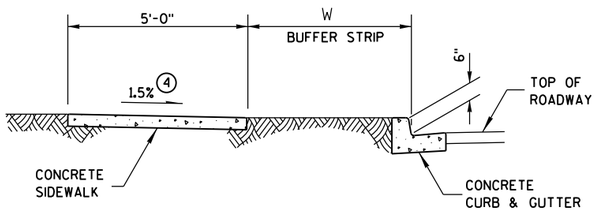
AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1.

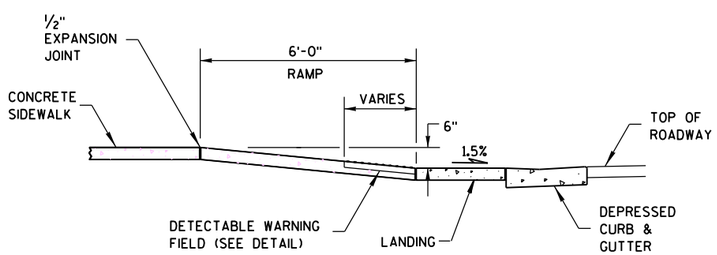
DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

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

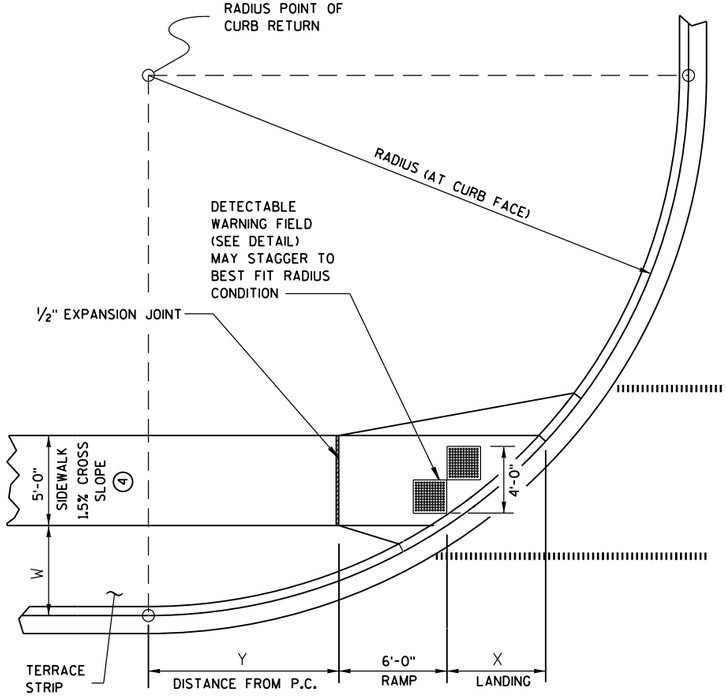
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.



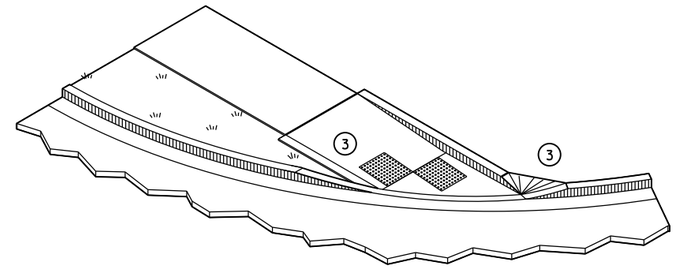
SECTION A-A FOR TYPE 4B



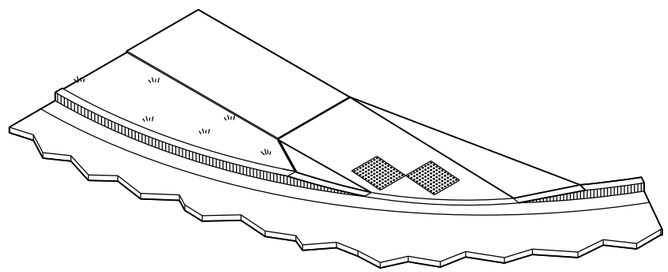
SECTION B-B FOR TYPE 4B



CURB RAMP TYPE 4B1
PLAN VIEW



ISOMETRIC VIEW FOR TYPE 4B



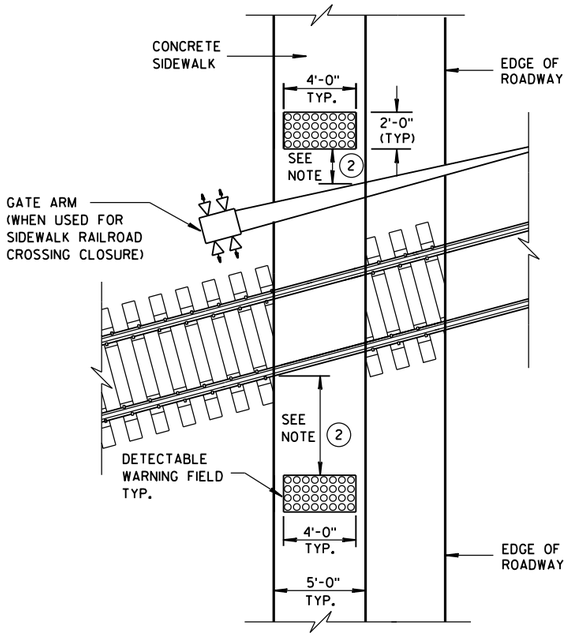
ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS TYPE 4B AND 4B1

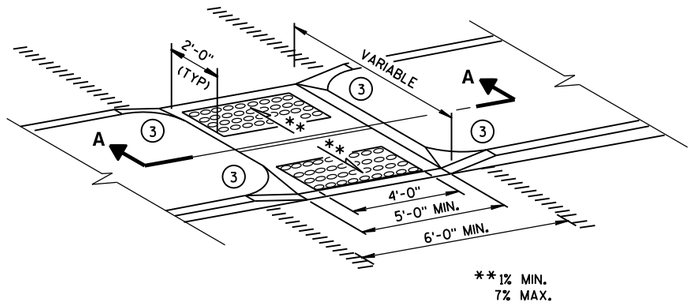
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

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S.D.D. 8 D 5-15d



TYPE 8
DETECTABLE WARNINGS AT RAILROAD CROSSING



MEDIAN ISLAND
NON-ELEVATED CROSSING
TYPE 5

GENERAL NOTES

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

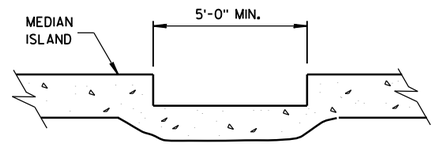
DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

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

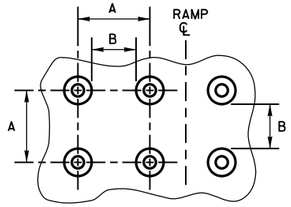
(2) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ± 0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET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

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

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



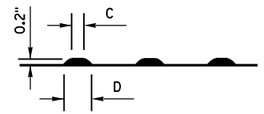
SECTION A-A



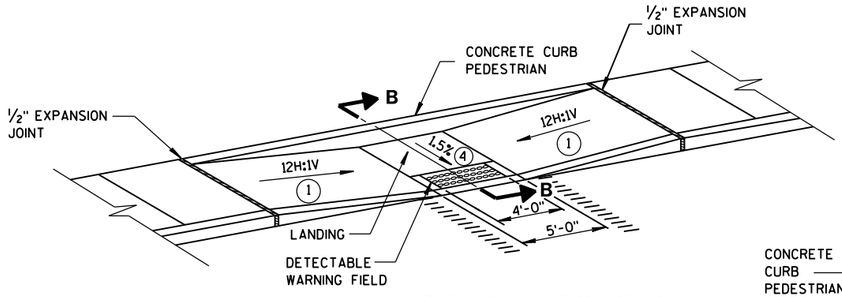
PLAN VIEW

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

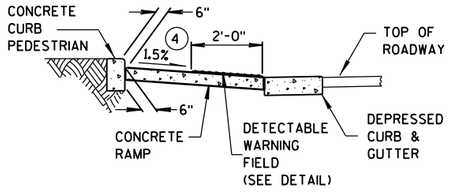
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



ELEVATION VIEW

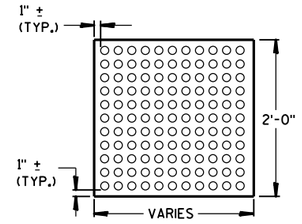


MID-BLOCK CROSSING
TYPE 7A



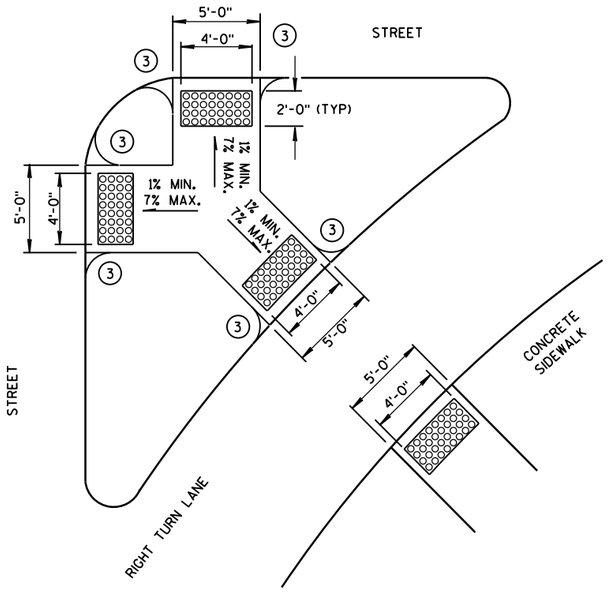
SECTION B-B

TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL

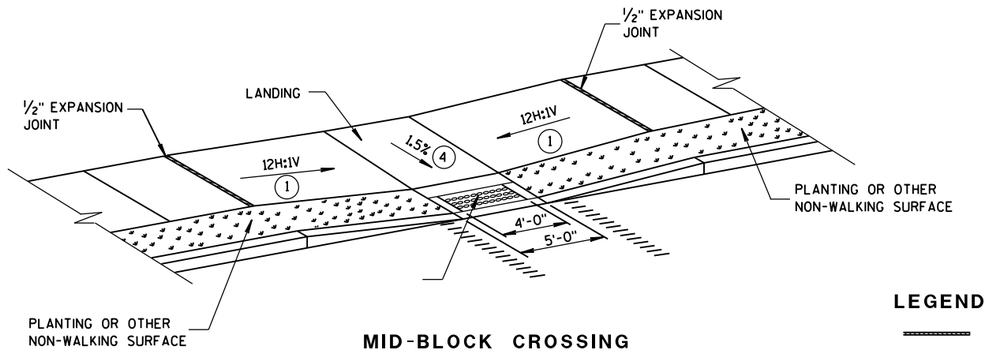


PLAN VIEW

DETECTABLE WARNING FIELD (TYPICAL)



TYPE 6
DETECTABLE WARNING AT ISLANDS



MID-BLOCK CROSSING
TYPE 7B

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

LEGEND

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

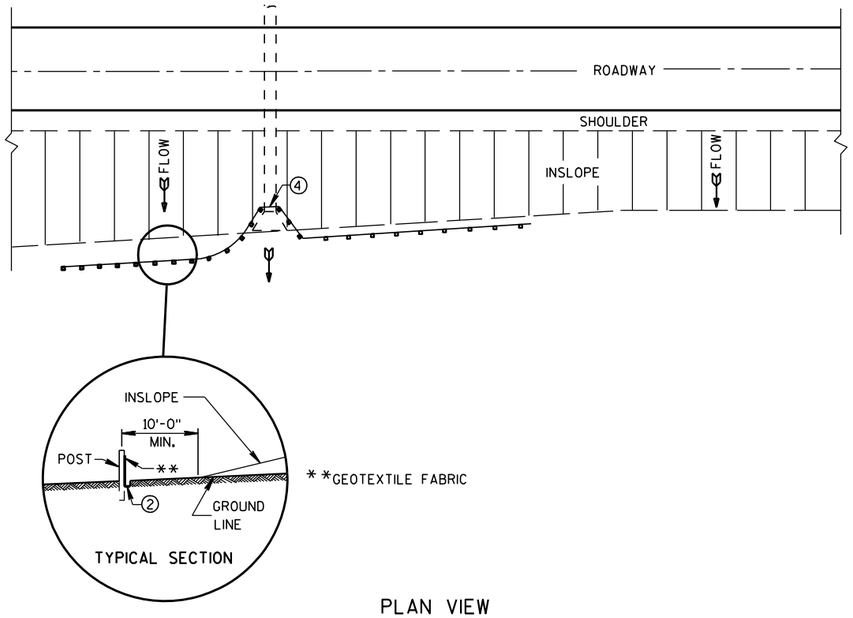
CURB RAMPS
TYPES 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
2-6-2013 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

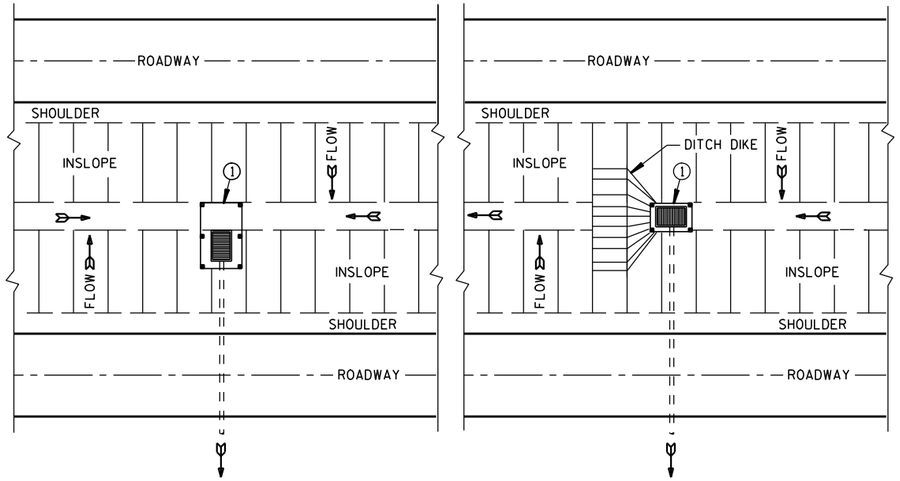
6

S.D.D. 8 D 5-15e



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.

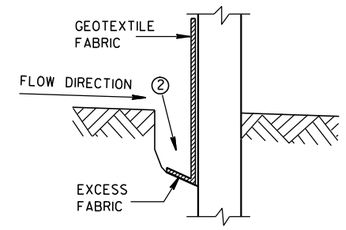
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

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.

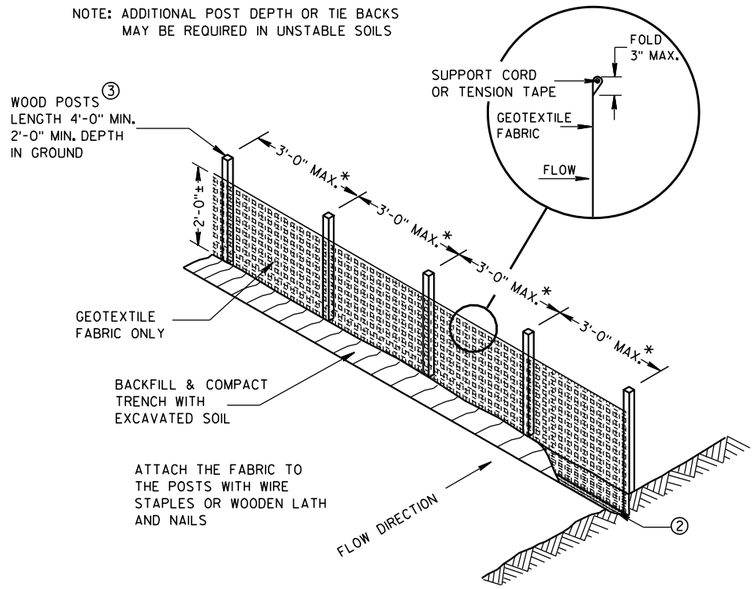
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

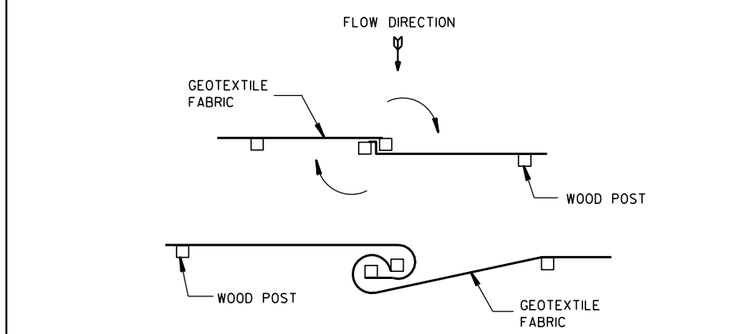
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



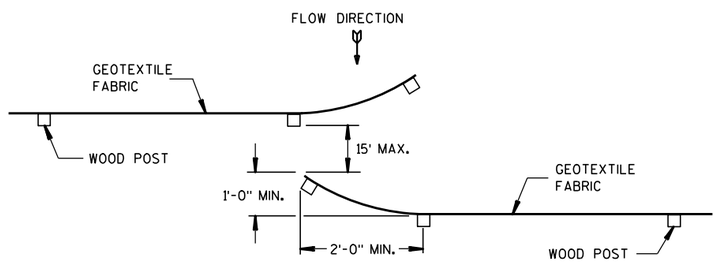
TRENCH DETAIL



SILT FENCE

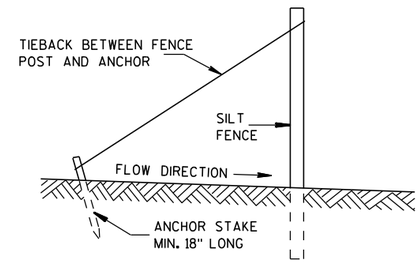


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

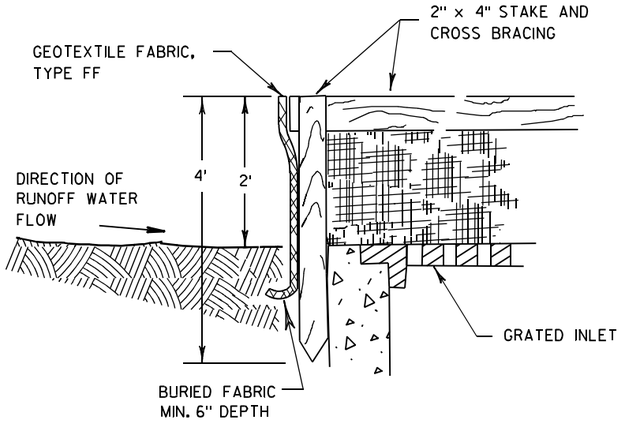
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

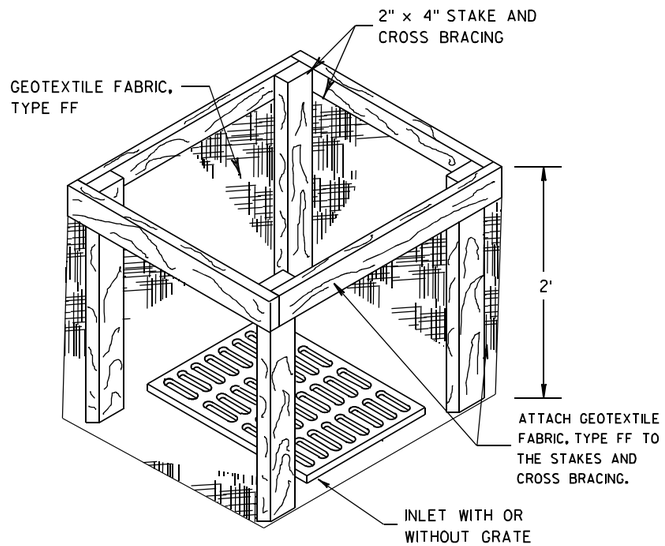
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S.D.D. 8 E 9-6

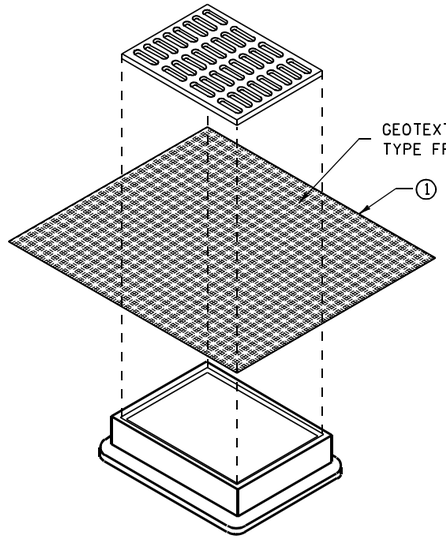
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S.D.D. 8 E 9-6



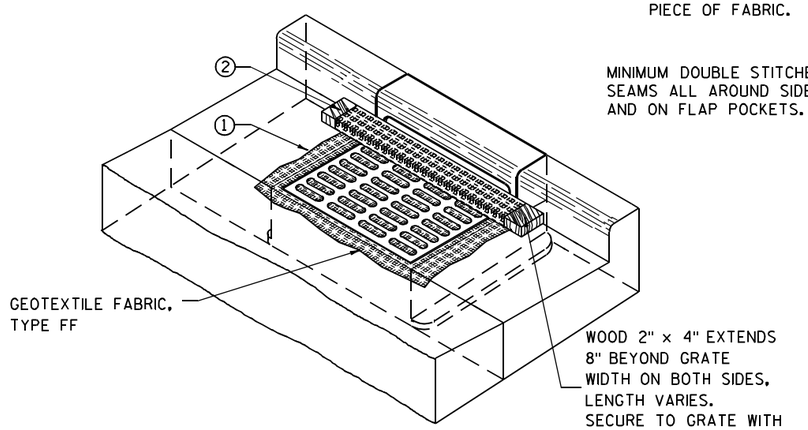


INLET PROTECTION, TYPE A

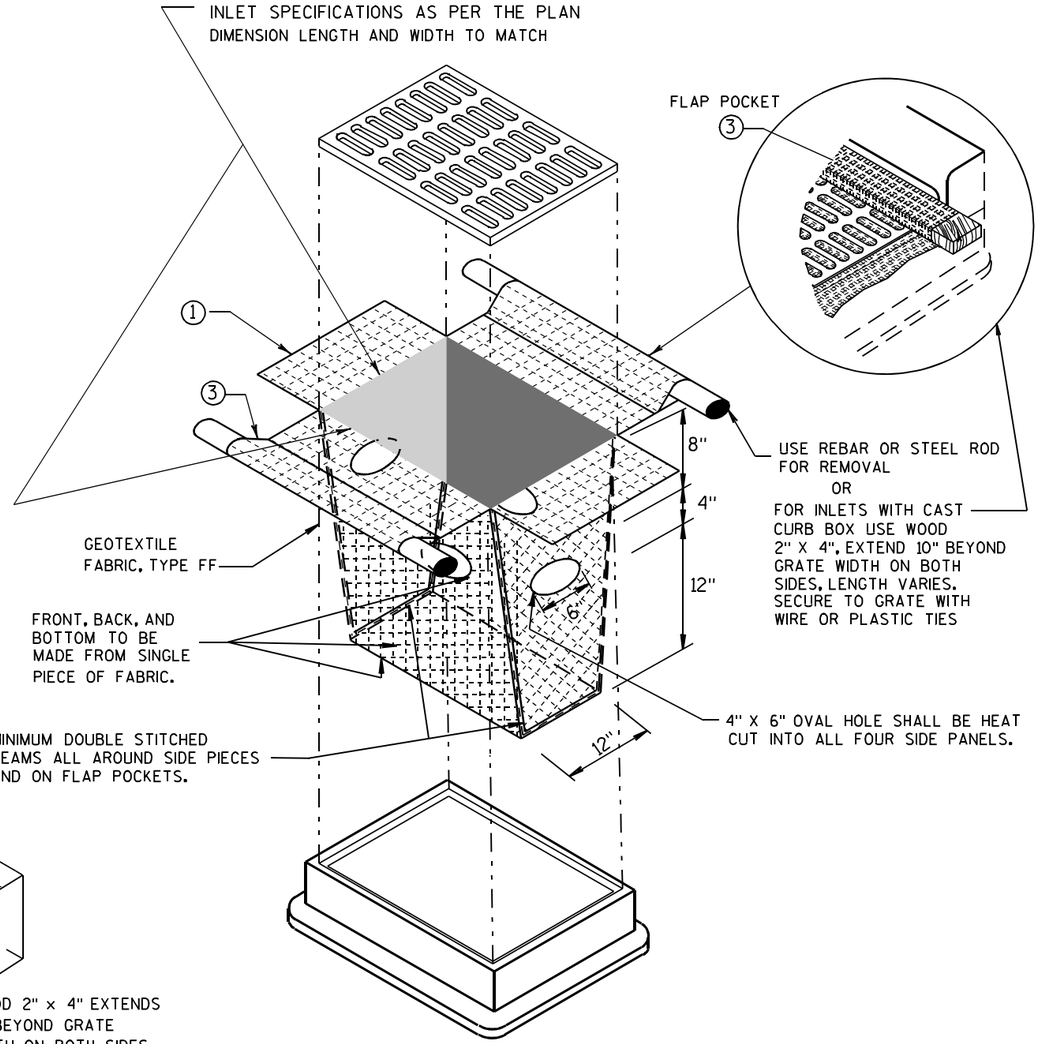


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(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.

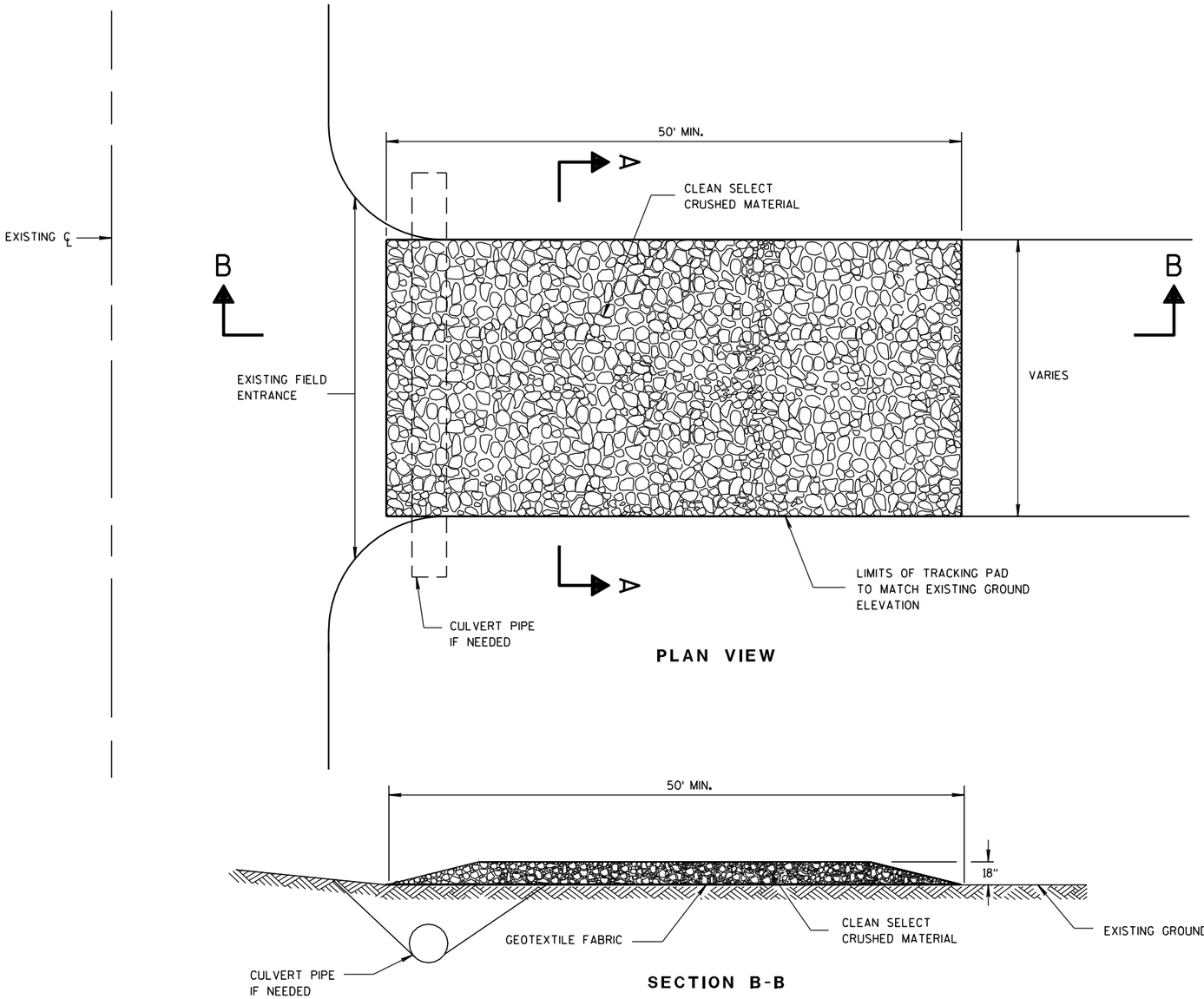
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE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

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S.D.D. 8 E 10-2



PLAN VIEW

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.

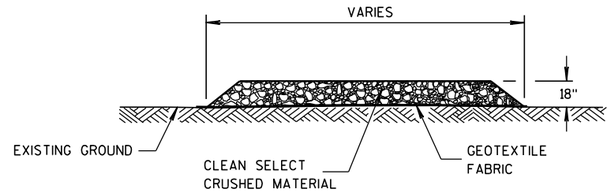
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

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

TRACKING PAD

6

S.D.D. 8 E 14-1

TRACKING PAD

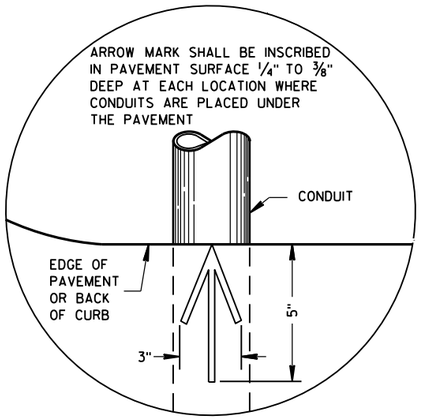
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3/24/2011 — DATE
/S/ Jerry H. Zoda — ROADWAY STANDARDS ENGINEER
FHWA

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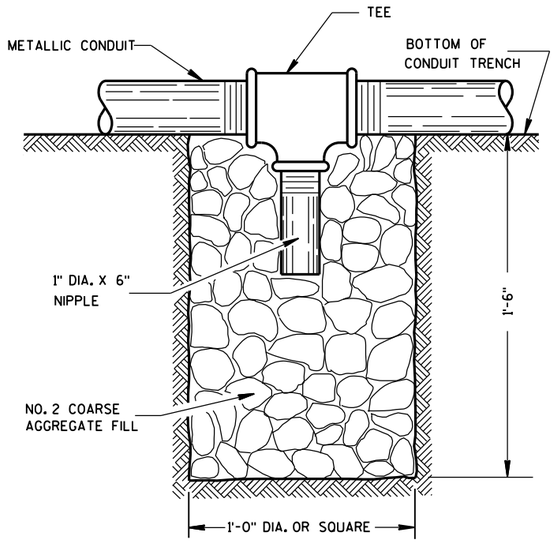
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S.D.D. 8 E 14-1



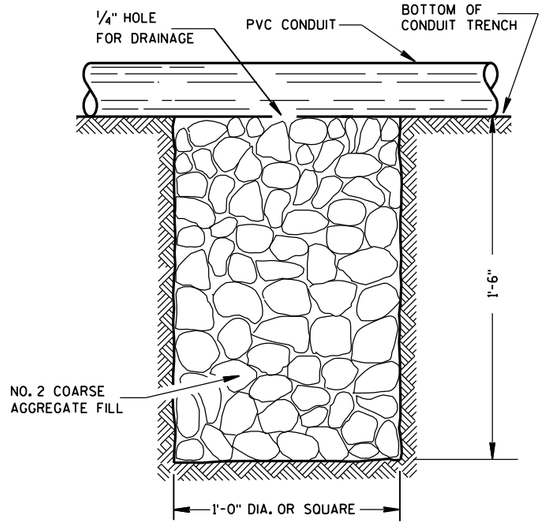
PLAN VIEW

ARROW MARK



NOTE: INSTALL AT LOCATIONS WHERE METALLIC CONDUITS CANNOT BE PITCHED TO DRAIN INTO A PULL BOX.

DRAIN SUMP FOR METALLIC CONDUIT



NOTE: INSTALL AT LOCATIONS WHERE PVC CONDUITS CANNOT BE PITCHED TO DRAIN INTO A PULL BOX.

DRAIN SUMP FOR PVC CONDUIT

GENERAL NOTES

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

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

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

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

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

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

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

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

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

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

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

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

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

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

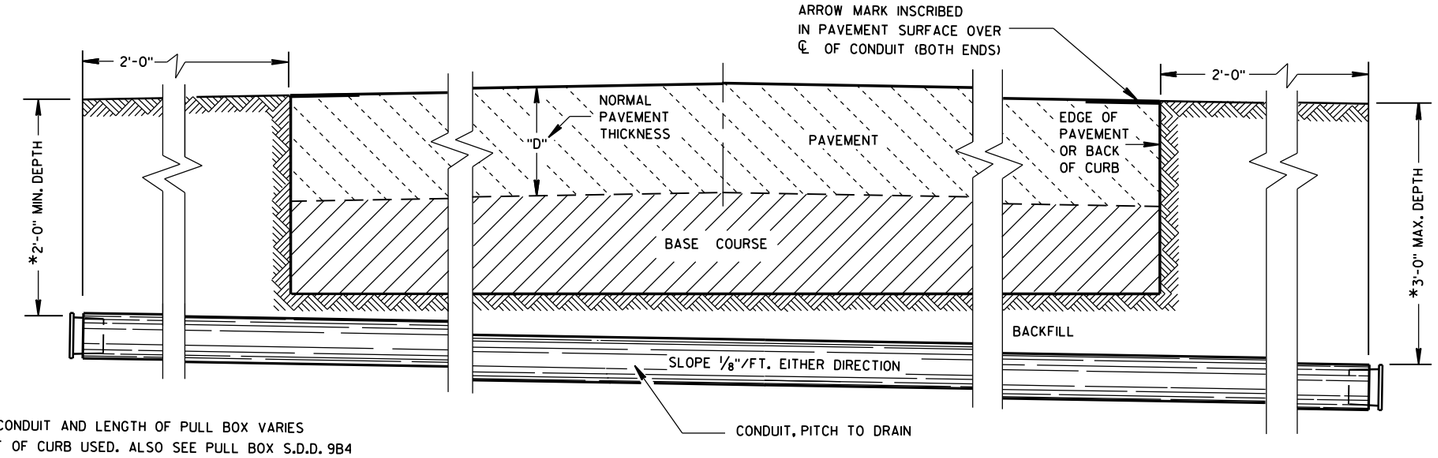
PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

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

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

POLY ROPE OR A PULL WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.



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

SIDE ELEVATION

DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

CONDUIT UNDER PAVED HIGHWAYS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept. 2014 — DATE

/S/ Ahmet Demirbilek — STATE ELECTRICAL

FHWA

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S.D.D. 9 B 2-8

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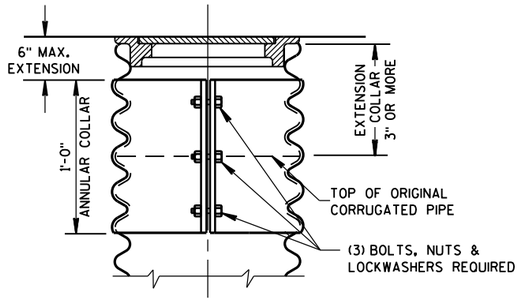
S.D.D. 9 B 2-8

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

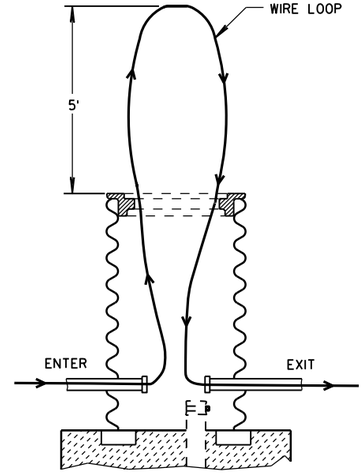
DIMENSION IN INCHES		CORRUGATED STEEL PIPE								
PIPE DIAMETER (INSIDE)	A	12	12	12	18	18	18	24	24	24
PIPE LENGTH **	B	24	30	36	24	30	36	36	42	48
WALL THICKNESS	C	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064
COVER	D	10 1/4	10 1/4	10 1/4	16 1/4	16 1/4	16 1/4	22 1/4	22 1/4	22 1/4
FRAME	E	14 1/2	14 1/2	14 1/2	20 1/2	20 1/2	20 1/2	26 1/2	26 1/2	26 1/2
FRAME	F	8 1/2	8 1/2	8 1/2	14 1/2	14 1/2	14 1/2	20 1/2	20 1/2	20 1/2
FRAME	G	11 1/2	11 1/2	11 1/2	17 1/2	17 1/2	17 1/2	23 1/2	23 1/2	23 1/2
WEIGHT IN POUNDS *										
FRAME AND COVER		60	60	60	110	110	110	155	155	155

* THE ACTUAL WEIGHT OF THE MANHOLE FRAME AND COVER MAY VARY WITHIN 5 PERCENT PLUS OR MINUS OF THE WEIGHTS SHOWN.

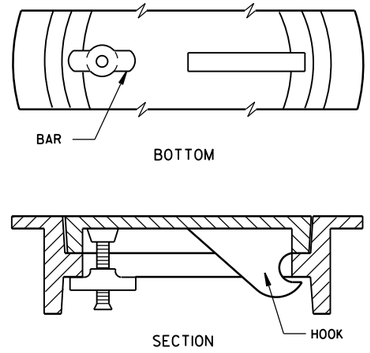
** NORMALLY USED LENGTHS. THE PROJECT ENGINEER SHALL DETERMINE IF PIPE LENGTHS, OTHER THAN THOSE SPECIFIED, SHALL BE USED, TO A MAXIMUM OF 48" (CONTINUOUS LENGTH, NON-SPLICED). THE ADDITIONAL LENGTH SHALL BE INCIDENTAL TO THE PULL BOX BID PRICE.



CORRUGATED PIPE EXTENDER

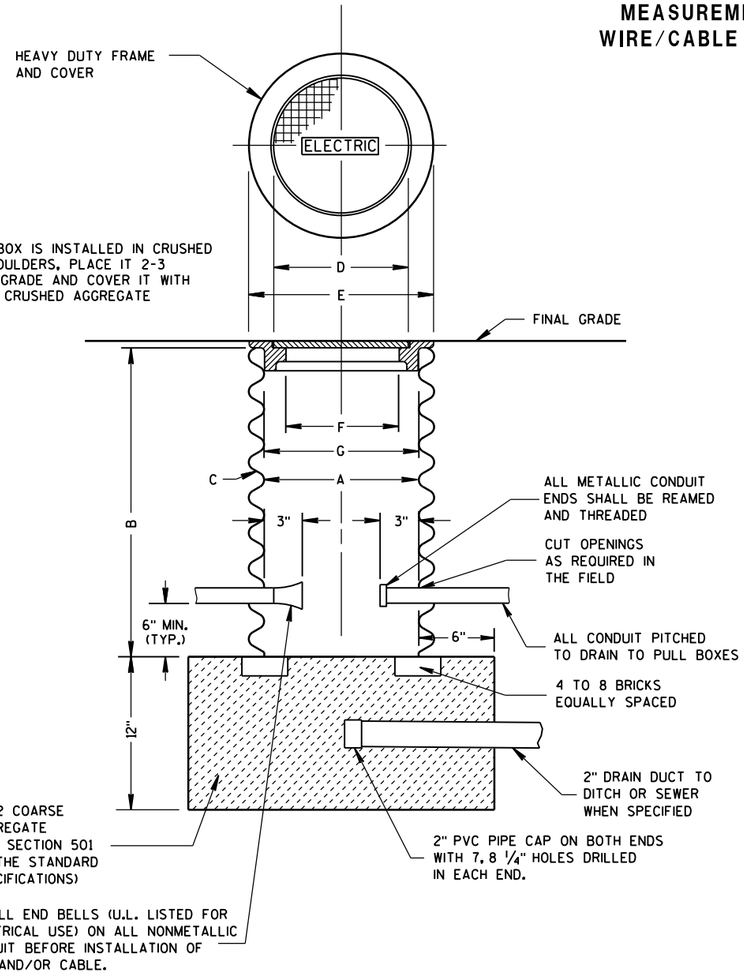


MEASUREMENT DETAIL FOR WIRE/CABLE IN THE PULL BOX



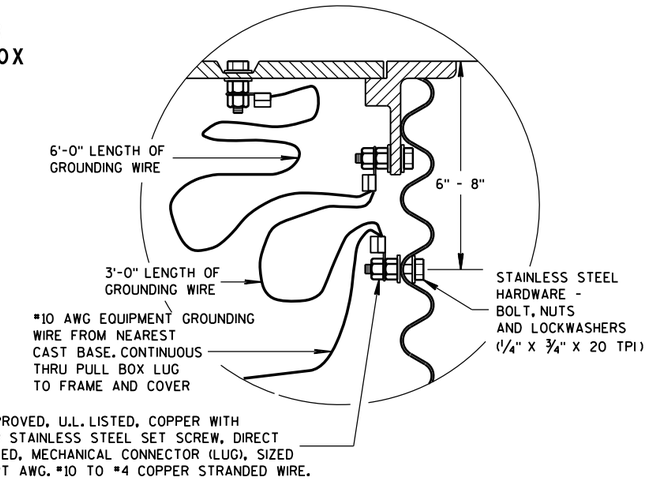
ALTERNATE COVER (LOCKING)

TIGHTENING BAR TYPE



WHEN A PULL BOX IS INSTALLED IN CRUSHED AGGREGATE SHOULDERS, PLACE IT 2-3 INCHES BELOW GRADE AND COVER IT WITH 2-3 INCHES OF CRUSHED AGGREGATE

PULL BOX



EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES

GENERAL NOTES

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

ALL FRAMES AND COVERS SHALL BE HEAVY DUTY TYPE, SUITABLE FOR VEHICULAR TRAFFIC LOADS.

PULL BOXES LOCATED IN THE ROADWAYS SHALL HAVE LOCKING COVERS.

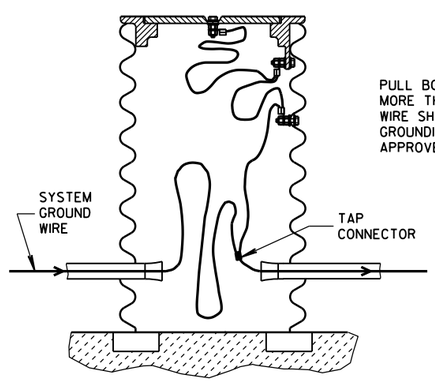
ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN 1/4".

THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

GROUNDING LUGS (MECHANICAL CONNECTORS) SHALL BE U.L. LISTED AND APPROVED FOR USE WITH COPPER WIRE.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

WHEN PULL BOXES ARE INSTALLED FOR FUTURE USE, DO NOT INSTALL THE EQUIPMENT GROUNDING LUG. THE EQUIPMENT GROUNDING LUG, THE EQUIPMENT GROUNDING ELECTRODE AND THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE REQUIRED AND INSTALLED UNDER A FUTURE WIRING CONTRACT.



PULL BOX TO NEAREST BASE DISTANCE MORE THAN 20 FEET. PULL BOX GROUND WIRE SHALL CONNECT AT SYSTEM GROUNDING WIRE. USE DEPARTMENT APPROVED TAP CONNECTOR.

EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES

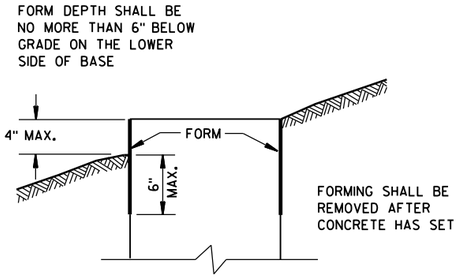
PULL BOX

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL
FHWA

6

S.D.D. 9 B 4-11



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5 & 6
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

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

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN AT THE ENTRANCE OF THE BASE.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

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

GENERAL NOTES (CONTINUED)

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

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

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 1, TYPE 2, TYPE 5, AND TYPE 6 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE OF THE TYPE 2 AND TYPE 5 BASES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4" "L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND END SHALL NOT BE THREADED.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL BY THE ENGINEER.

(2) (4) 1" DIA. X 3'-6" ANCHOR RODS.

(3) (4) 1" DIA. X 5'-0" ANCHOR RODS.

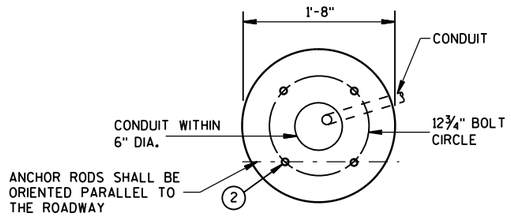
(4) (6) NO. 6 X 6'-8" BAR STEEL REINFORCEMENT.

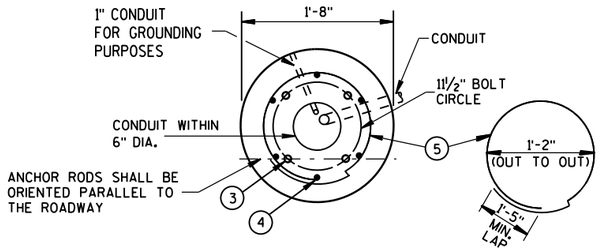
(5) (7) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

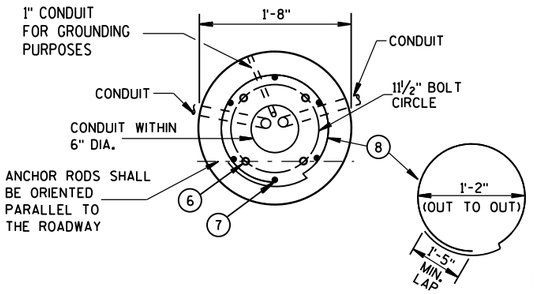
(6) (4) 1" DIA. X 3'-6" ANCHOR RODS.

(7) (6) NO.4 X 4'-8" BAR STEEL REINFORCEMENT.

(8) (5) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

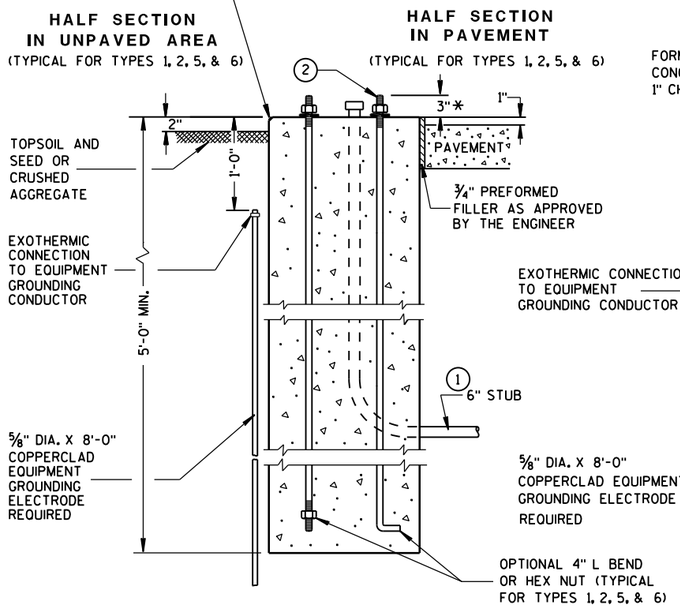






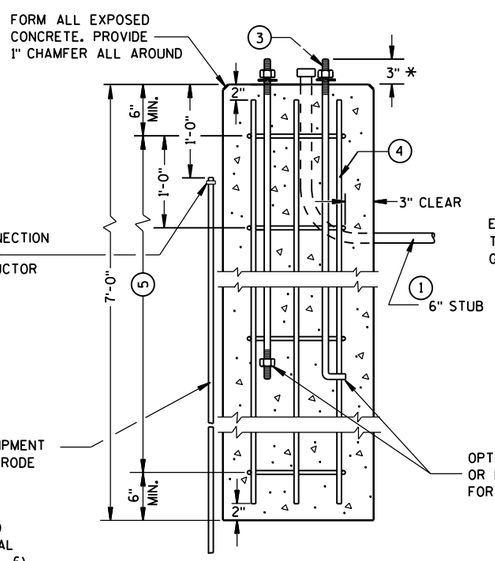
HALF SECTION IN UNPAVED AREA

(TYPICAL FOR TYPES 1, 2, 5, & 6)

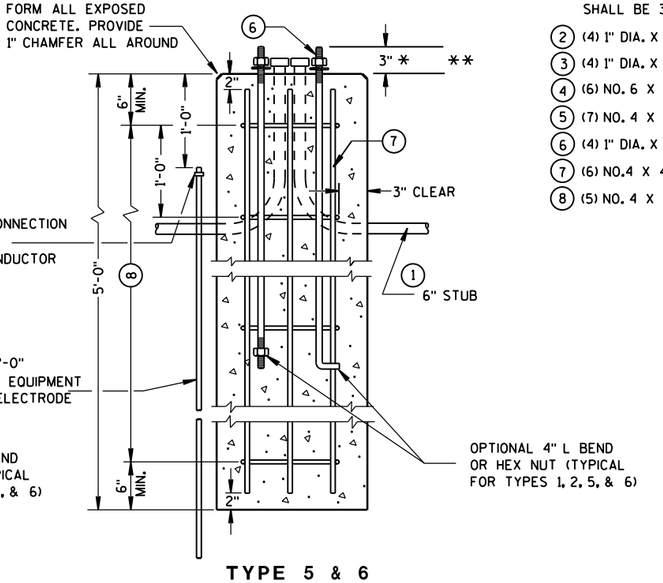


HALF SECTION IN PAVEMENT

(TYPICAL FOR TYPES 1, 2, 5, & 6)



TYPE 2



TYPE 5 & 6

CONCRETE BASES

* ANY ANCHOR ROD PROJECTION SHORTER THAN 2¾" OR LONGER THAN 3¼" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

** FOR NONBREAKAWAY INSTALLATIONS, 4½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

CONCRETE BASES, TYPES 1, 2, 5, & 6

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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GENERAL NOTES

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

FOUR (4) BOLTS SHALL BE FURNISHED WITH EACH TRANSFORMER BASE. BOLTS SHALL BE 1" DIAMETER, 4" IN LENGTH, WITH WASHERS, LOCK WASHERS AND NUTS. BOLTS, NUTS AND WASHERS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 641.2.2 OF THE STANDARD SPECIFICATIONS.

LEVELING SHIMS, IF NEEDED, SHALL BE DESIGNED FOR THE PURPOSE AND USED UNDER CAST BASES WHEN PLUMBING POLES OR STANDARDS DURING INSTALLATION. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE.

SHIM LENGTH SHALL BE LONG ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.

DOUBLE NUTTING IS NOT ACCEPTABLE FOR LEVELING OR MOUNTING PURPOSES.

A NEMA APPROVED, U.L. LISTED, COPPER WITH BRASS OR STAINLESS STEEL SET SCREW, DIRECT BURY RATED, MECHANICAL CONNECTOR (LUG), SIZED TO ACCEPT AWG. #10 TO #4 COPPER STRANDED WIRE SHALL BE FURNISHED AND INSTALLED IN THE PEDESTAL AND TRANSFORMER BASES.

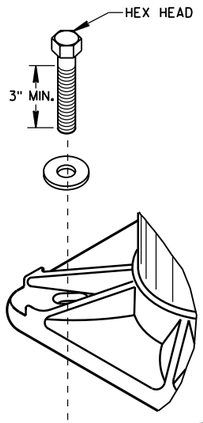
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

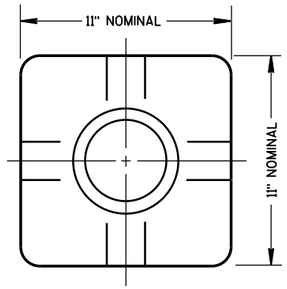
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

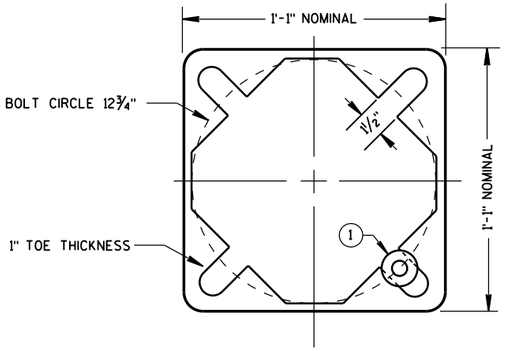
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

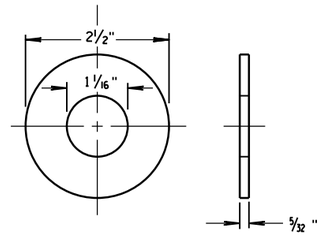




TOP VIEW
(PEDESTAL BASE)

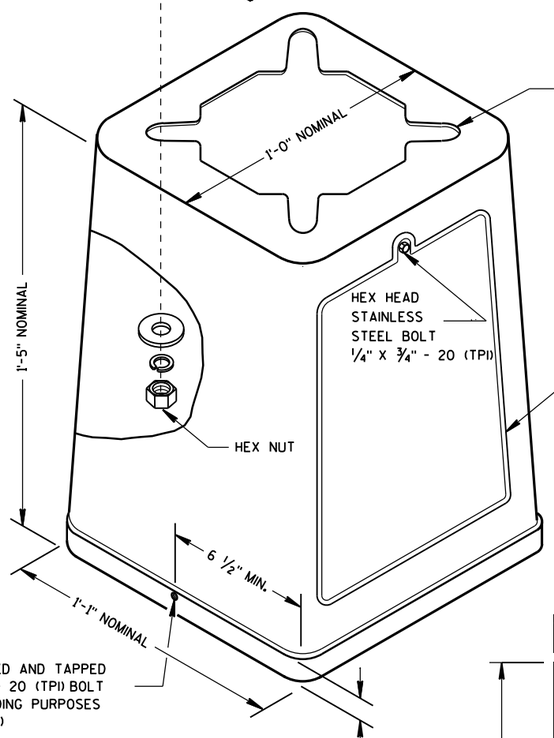


BOTTOM VIEW
(PEDESTAL BASE)

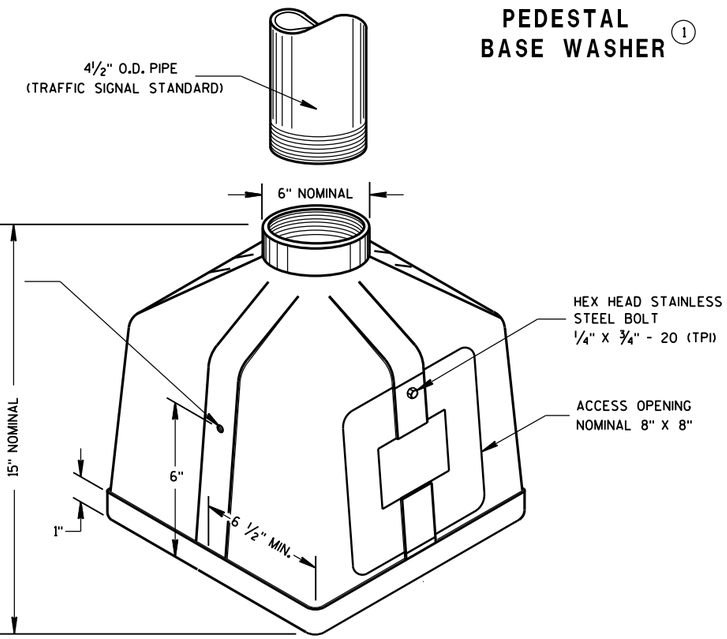


ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

PEDESTAL BASE WASHER (1)

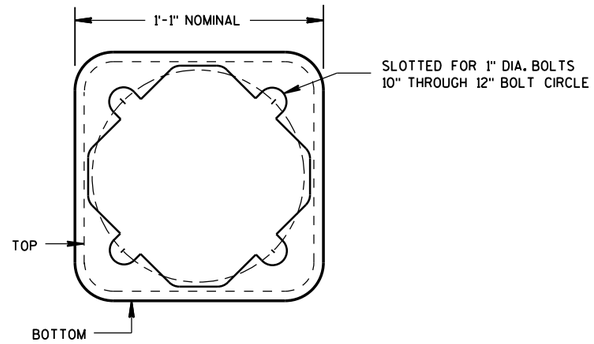


ISOMETRIC VIEW

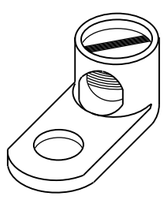


ISOMETRIC VIEW

PEDESTAL BASE



BOTTOM VIEW
(TRANSFORMER BASE)

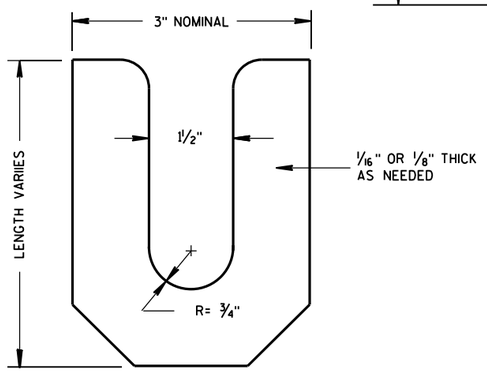


TYPICAL MECHANICAL CONNECTOR LUG

TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE

INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES



LEVELING SHIM

TRANSFORMER/PEDESTAL BASES

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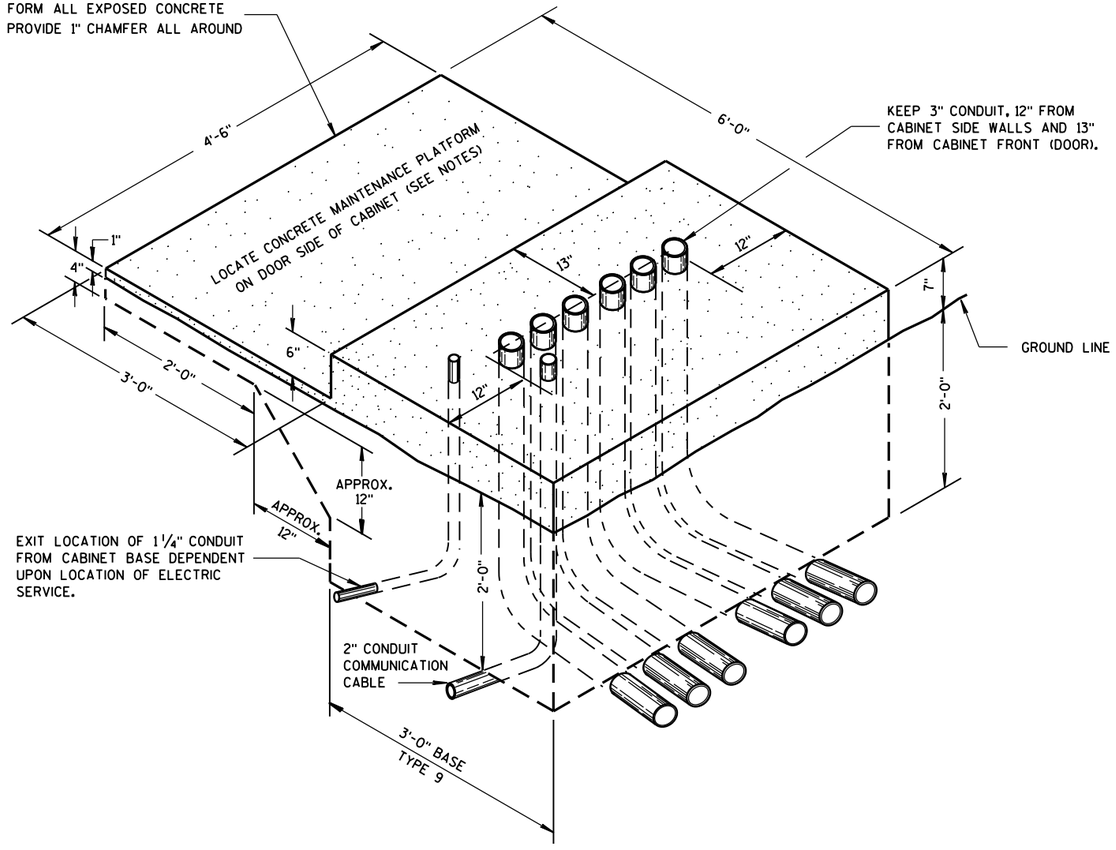
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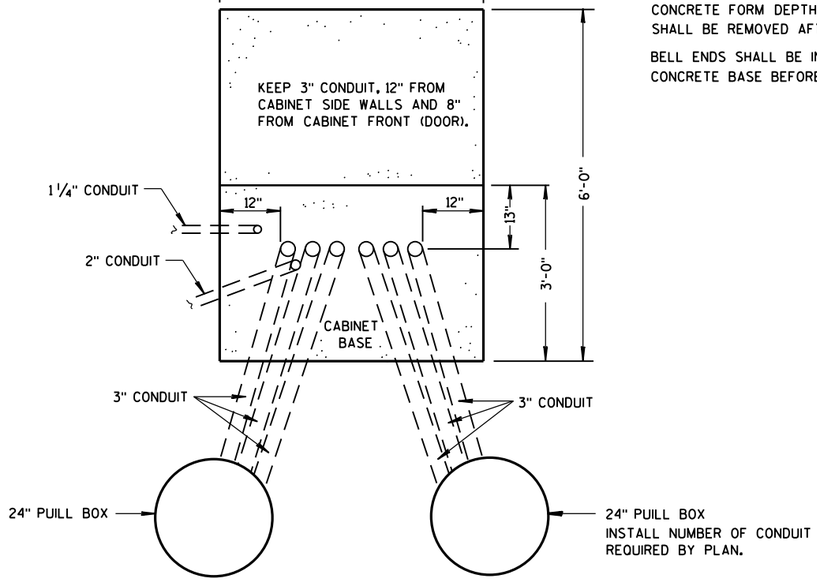
S.D.D. 9 C 3-4



ISOMETRIC VIEW

TYPE 9, SPECIAL

(C.Y. CONCRETE = APPROX. 1.56)



PLAN VIEW

CONCRETE CONTROL CABINET BASE, TYPE 9, SPECIAL

GENERAL NOTES

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

INSTALL FOUR ½ INCH MINIMUM DIAMETER X 4 INCH MINIMUM LENGTH STAINLESS STEEL APPROVED CONCRETE MASONRY ANCHORS WITH A PULLOUT STRENGTH OF 9,000 LBS. TO ANCHOR THE CABINET TO TYPE 6, 7, 8, AND 9 BASES. THE ANCHOR STUDS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.

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

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

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

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

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

CONTROL CABINET BASE TOP SURFACE SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

MAINTENANCE PLATFORM SHALL BE FLOAT OR BROOM FINISHED AND BE LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT = 6 X THE DIAMETER.

ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

PLUG ALL BELOW GRADE NONMETALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

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

CONDUIT EXITING THE CONCRETE BASE (SIX THREE INCH) SHALL TERMINATE IN PULL BOXES AS SHOWN ON THE PLANS.

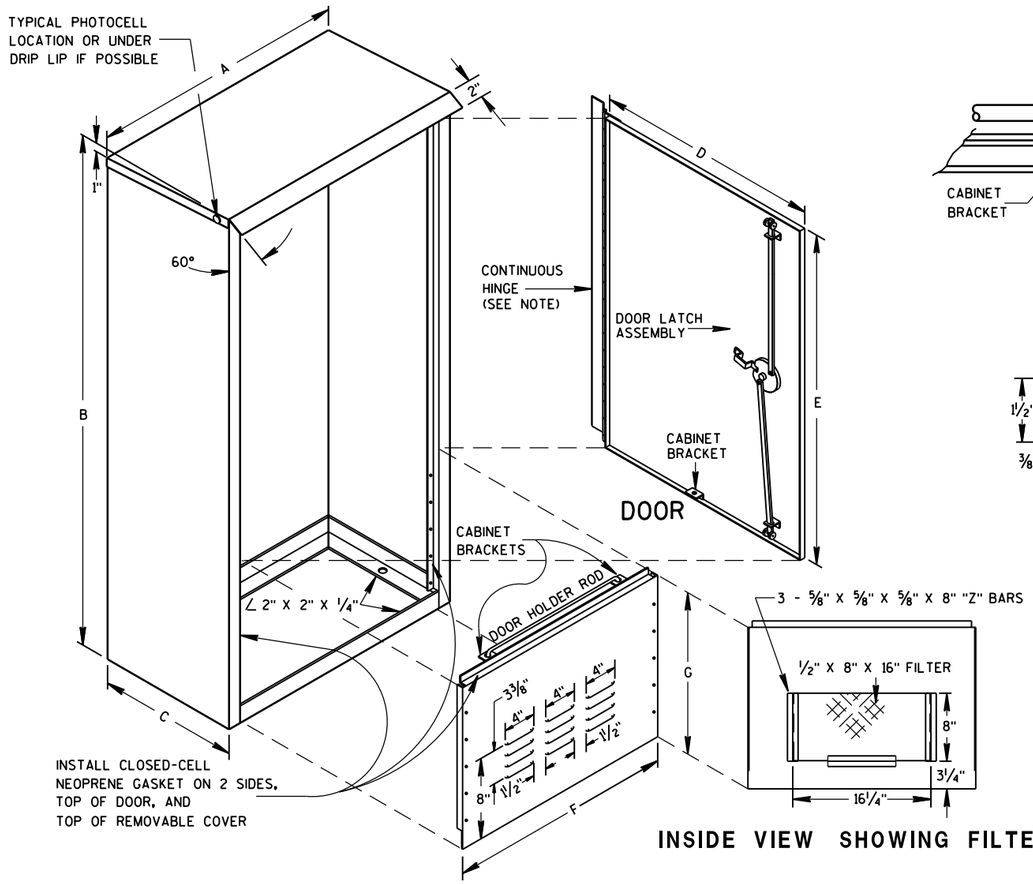
CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6" MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

CONCRETE CONTROL CABINET BASE, TYPE 9, SPECIAL

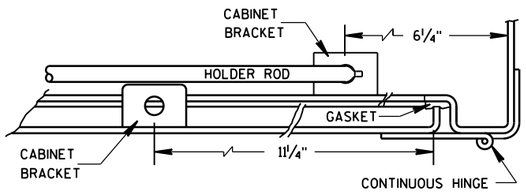
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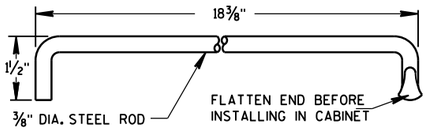


REMOVABLE COVER

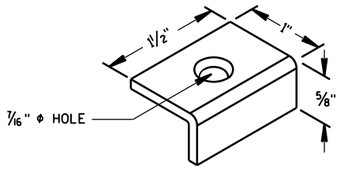
INSIDE VIEW SHOWING FILTER



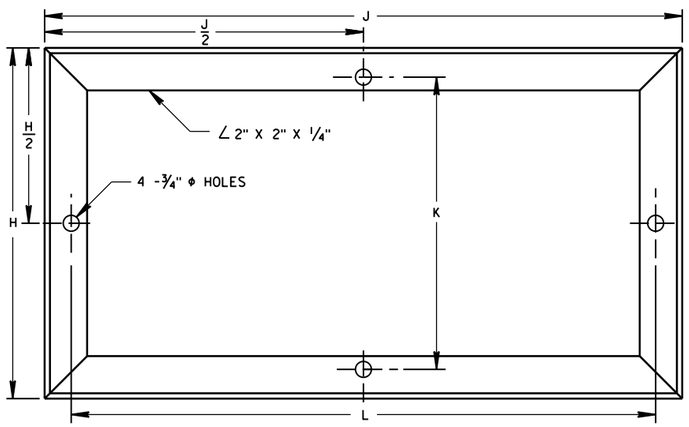
HINGE & DOOR HOLDER



HOLDER ROD



CABINET BRACKET



MOUNTING BASE

TABLE OF DIMENSIONS (INCHES)

MARK	CABINET TYPE		
	3060	3860	3866
A	30	38	38
B	60	60	66
C	16 1/2	16 1/2	24
D	26 1/2	34 3/4	33 3/4
E	38 3/4	38 3/4	38 3/4
F	26 1/2	34 3/4	33 3/4
G	19	19	25
H	16 1/2	16 1/2	24
H/2	8 1/4	8 1/4	12
J	30	38	38
J/2	15	19	19
K	13 3/4	13 3/4	21 1/4
L	27 1/2	35 1/2	35 1/2

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.

PRIME WITH PHOSPHATE TREATMENT AND PRIMER.

FINISH EXTERIOR SURFACES WITH RUSTOLEUM #906 SILVER GRAY OR APPROVED EQUAL.

FINISH INTERIOR WITH RUSTOLEUM #2766 HIGH GLOSS WHITE ENAMEL OR APPROVED EQUAL.

ALL SHEET METAL PARTS SHALL BE .125 INCH THICK ALUMINUM.

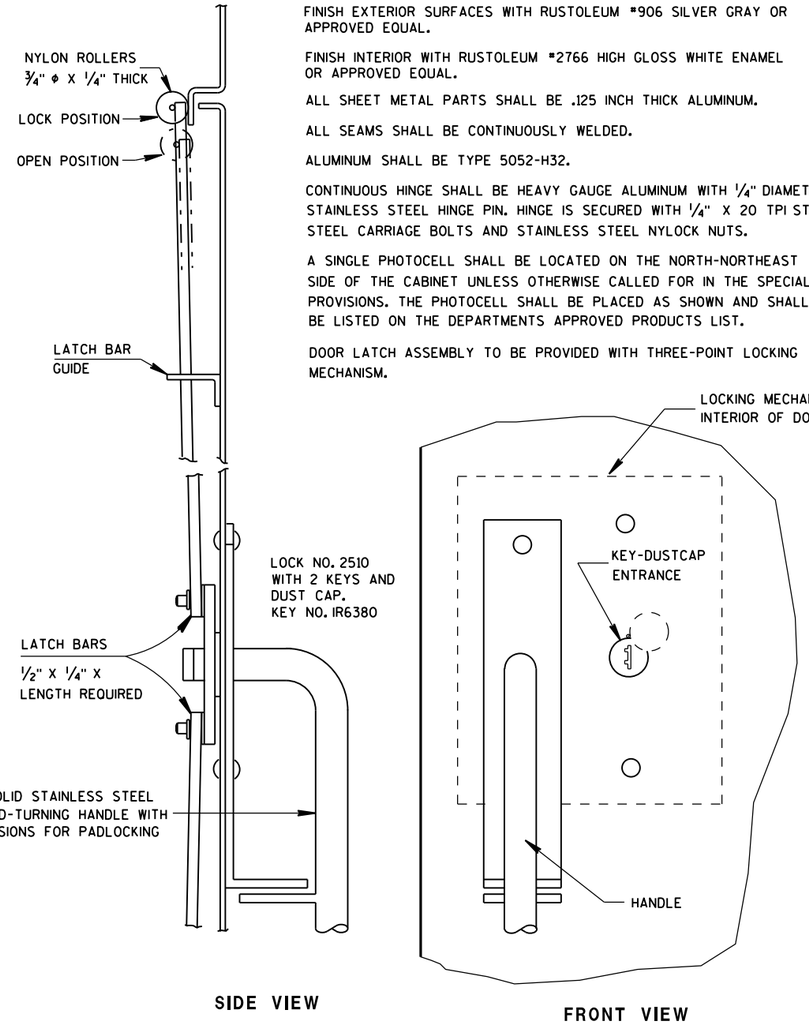
ALL SEAMS SHALL BE CONTINUOUSLY WELDED.

ALUMINUM SHALL BE TYPE 5052-H32.

CONTINUOUS HINGE SHALL BE HEAVY GAUGE ALUMINUM WITH 1/4" DIAMETER STAINLESS STEEL HINGE PIN. HINGE IS SECURED WITH 1/4" X 20 TPI STAINLESS STEEL CARRIAGE BOLTS AND STAINLESS STEEL NYLOCK NUTS.

A SINGLE PHOTOCELL SHALL BE LOCATED ON THE NORTH-NORTHEAST SIDE OF THE CABINET UNLESS OTHERWISE CALLED FOR IN THE SPECIAL PROVISIONS. THE PHOTOCELL SHALL BE PLACED AS SHOWN AND SHALL BE LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST.

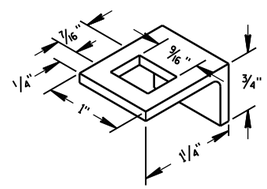
DOOR LATCH ASSEMBLY TO BE PROVIDED WITH THREE-POINT LOCKING MECHANISM.



SIDE VIEW

FRONT VIEW

LATCH ASSEMBLY



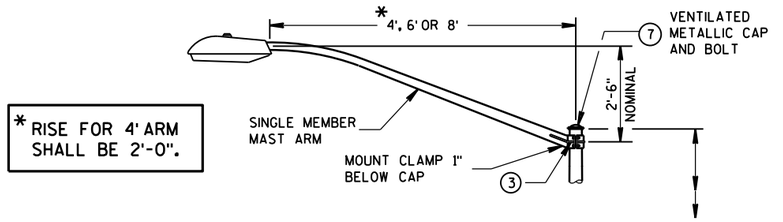
LATCH BAR GUIDE

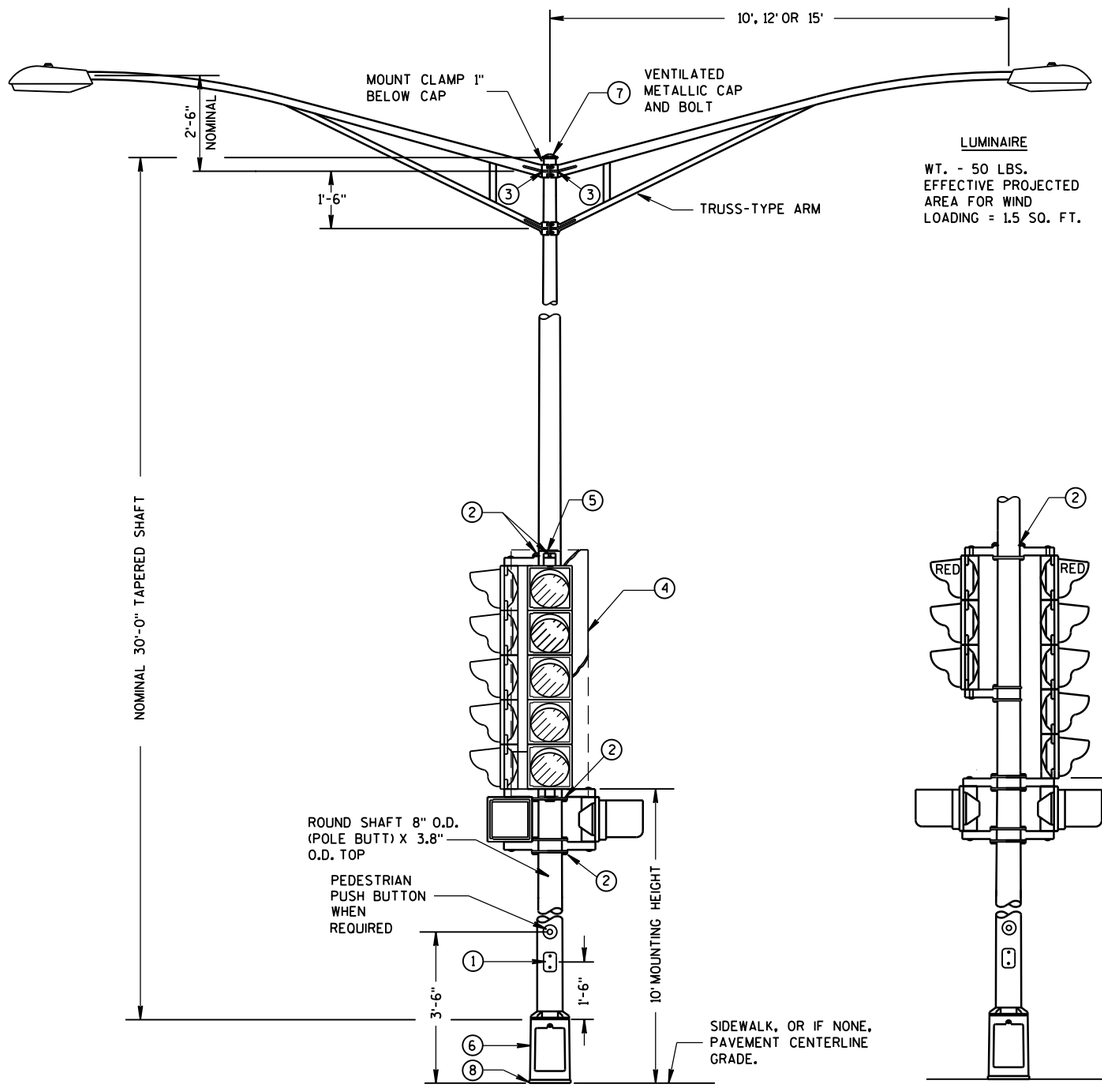
SIGNAL CONTROL CABINET

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL
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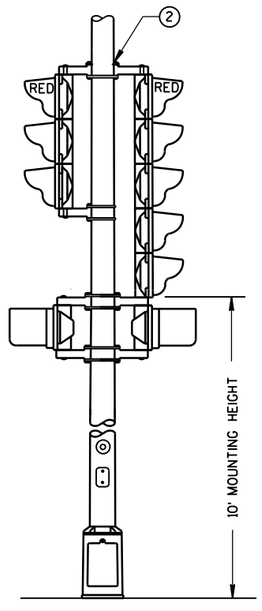




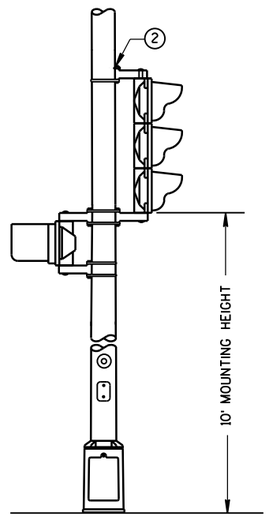
LUMINAIRE

WT. - 50 LBS.
EFFECTIVE PROJECTED AREA FOR WIND LOADING = 1.5 SQ. FT.

(MAXIMUM LOAD)

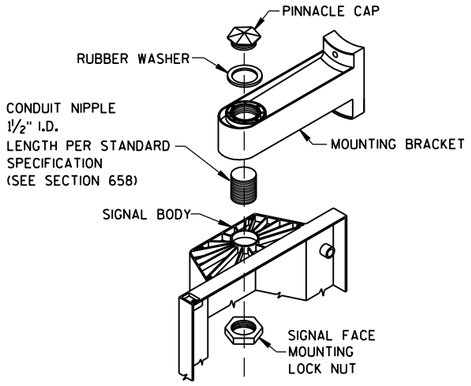


TYPICAL MOUNTING OF BACK TO BACK 3 AND 5 SECTION SIGNAL FACES



TYPICAL MOUNTING OF 3 SECTION SIGNAL FACE

TYPE 4 POLE MOUNTING CONFIGURATION



SIGNAL FACE MOUNTING DETAIL

(BANDED)

GENERAL NOTES

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

ALL TYPE 4 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL WITH A MINIMUM WALL THICKNESS OF U.S. STANDARD 11 GAGE (.1196").

SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 2⅜ INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

(1) 4" X 6" REINFORCED HANDHOLE & COVER ASSEMBLY WITH 2 (TWO) ¼" X ¾" - 20 TPI HEX HEAD STAINLESS STEEL BOLTS.

(2) SIGNAL FACE MOUNTING BRACKETS, MOUNT WITH CAP SCREWS AND BANDING. (SEE STANDARD SPECIFICATIONS - SEC. 658).

(3) GROMMETS, 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1⅜" HOLE IN POLE SHAFT FOR WIRING.

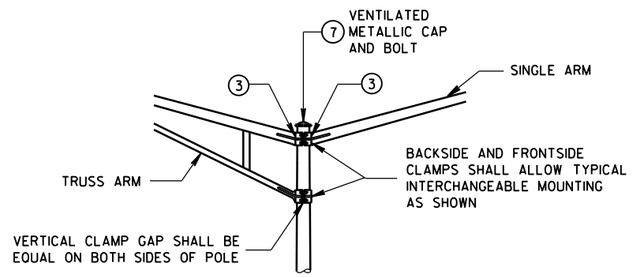
(4) SECURELY MOUNT DULL BLACK POLYCARBONATE BACKPLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURER'S RECOMMENDATIONS.

(5) POLE MOUNTED SIGNAL FACES SHALL REQUIRE 1 OR MORE MOUNTING SPACERS UNDER THE TOP MOUNTING BRACKET(S) AS REQUIRED, TO PLUMB THE SIGNAL FACE.

(6) CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED.

(7) FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(8) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND THE TRANSFORMER BASE.



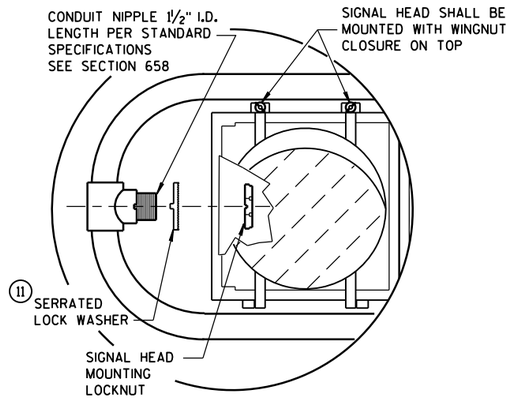
INTERCHANGEABLE MOUNTING DETAIL

POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS, TYPE 4

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

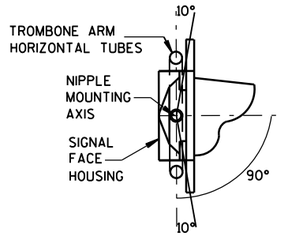
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S.D.D. 9 E 1-12c



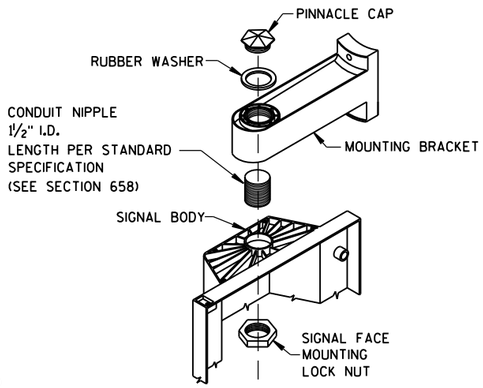
HORIZONTAL SIGNAL HEAD MOUNTING DETAIL *

* SIGNAL HEAD ATTACHMENT ALSO APPLYS TO MOUNTING AT CROSS BAR



SECTION A-A

(10 DEGREES TILT REQUIREMENT OF FACE(S) IN THE TROMBONE MOUNTING)



SIGNAL FACE MOUNTING DETAIL

(BANDED)

GENERAL NOTES

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

POLES SHALL BE EITHER ALUMINUM OR GALVANIZED STEEL AS CALLED FOR IN THE CONTRACT.

SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

A PULL WIRE/ROPE IN ACCORDANCE WITH STANDARD SPECIFICATION 652 SHALL BE INSTALLED IN EACH TROMBONE ARM RACEWAY DURING THE MANUFACTURING PROCESS.

TYPE 2 ALUMINUM POLES SHALL BE CONSTRUCTED OF 6063-T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

WHEN TRANSFORMER BASES ARE USED, WIRE CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

(1) 4" X 6" REINFORCED HANDHOLE & COVER ASSEMBLY WITH 2 (TWO) ¼" X ¾" - 20 TPI HEX HEAD STAINLESS STEEL BOLTS.

(2) SIGNAL FACE MOUNTING BRACKETS. MOUNT WITH CAP SCREWS AND BANDING. (SEE STANDARD SPECIFICATIONS - SEC. 658)

(3) GROMMETS, 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1⅜" HOLE IN POLE SHAFT FOR WIRING.

(4) SECURELY MOUNT DULL BLACK POLYCARBONATE BACKPLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURER'S RECOMMENDATIONS.

(5) POLE MOUNTED SIGNAL FACES SHALL REQUIRE 1 OR MORE MOUNTING SPACERS UNDER THE TOP MOUNTING BRACKET(S) AS REQUIRED, TO PLUMB THE SIGNAL FACES.

(6) CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED.

(7) MOUNTING BRACKET NIPPLES FOR THE SIGNAL FACE(S) SHALL BE 2 INCHES IN LENGTH AND 1½ INCHES IN DIAMETER. (SEE STANDARD SPECIFICATION - SECTION 658).

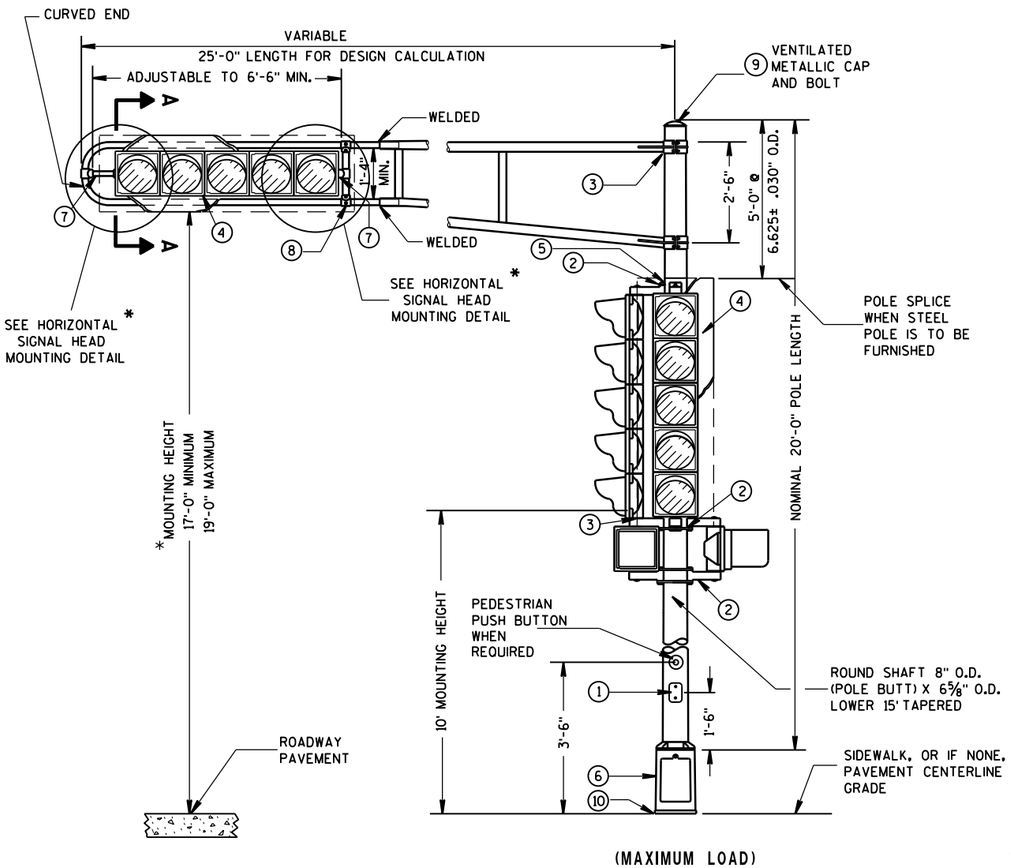
(8) VERTICAL STRUT (ADJUSTABLE). ONE (1) SET SCREW (¼" X ¾" LONG- 20 TPI, STAINLESS STEEL, HEX HEAD) INTO EACH ARM MEMBER IF STRUT IS THE SLIDING TYPE.

(9) FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

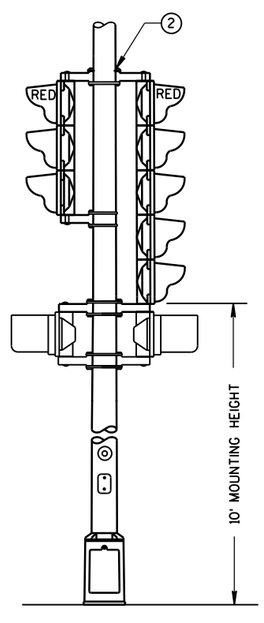
(10) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND THE TRANSFORMER BASE.

(11) USE SERRATED LOCK WASHERS WITH NOTCHES BETWEEN END TEE AND SIGNAL HEAD.

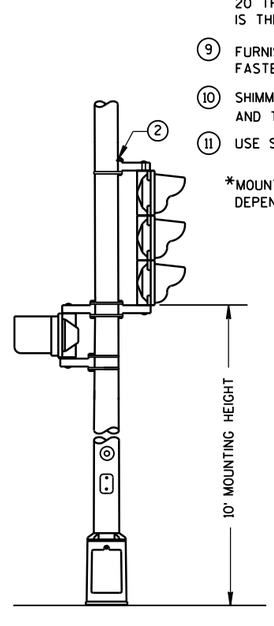
*MOUNTING HEIGHT LIMITATION DIMENSIONS OF THE TROMBONE MAST ARM WILL BE DEPENDENT UPON THE USE/NON-USE OF A TRANSFORMER BASE.



(MAXIMUM LOAD)



TYPICAL MOUNTING OF BACK TO BACK 3 AND 5 SECTION SIGNAL FACES

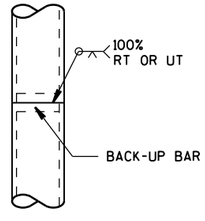


TYPICAL MOUNTING OF 3 SECTION SIGNAL FACE

TYPE 2 POLE MOUNTING CONFIGURATION

FOR MANUFACTURERS USE ONLY

WELD TO BE 100% R.T. OR U.T. TESTED AS PER THE REQUIREMENTS OF AWS D 1.5-88. RECORDS OF COMPLIANCE OF SUCH TESTING SHALL BE FURNISHED TO THE OFFICE OF DESIGN/BRIDGE FOR VERIFICATION AND APPROVAL.



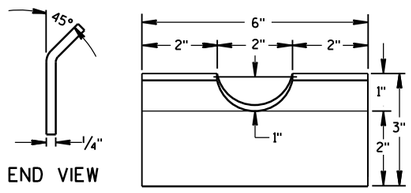
POLE SPLICE DETAIL

POLE MOUNTINGS FOR TRAFFIC SIGNALS TYPE 2

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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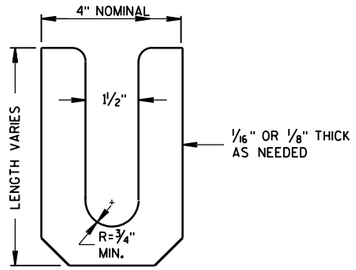


END VIEW

FRONT VIEW

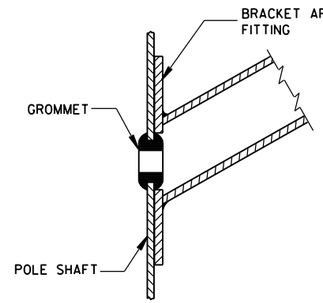
RECTANGULAR CLAMP SHIM

(4 TO A SET)

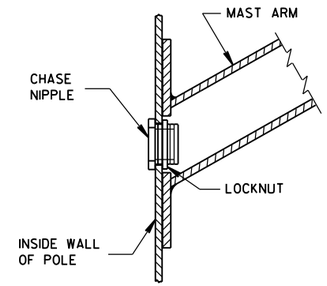


LEVELING SHIM (15)

SHALL BE ALUMINUM



TYPICAL APPLICATION OF GROMMET IN POLE SHAFT



TYPICAL APPLICATION OF CHASE NIPPLE IN POLE SHAFT

GENERAL NOTES

CLAMP BOLT-NUT TIGHTENING TORQUE SHALL BE INDICATED BY INDENT STAMPING (1/2 INCH NUMERALS AND LETTERS) OR WEATHERPROOF PRINTING ON THE INSIDE OF THE CLAMP THAT IS WELDED TO THE ARM MEMBER.

(10) 4.5" I.D. FOR LUMINAIRE MAST ARM CLAMP.
6.625" I.D. FOR TROMBONE MAST ARM CLAMP.

(11) INDIVIDUAL BASE PLATE ANCHOR ROD COVERS. (4 REQUIRED)

(12) BASE PLATE SLOTTED TO ACCEPT 11" THROUGH 12" BOLT CIRCLE USING 1" DIAMETER ANCHOR RODS.

(13) OUTSIDE SHIM DIAMETER - (4.5" O.D. FOR LUMINAIRE MAST ARM)
(6.625" O.D. FOR TROMBONE MAST ARM)

(14) VARIABLE SHIM THICKNESS - (0.10", 0.25", 0.35", 0.53" OR 0.70")

SHIM THICKNESS FOR TROMBONE MAST ARMS MAY BE TYPICALLY 0.25", 0.35", 0.53" OR 0.70".

SHIM THICKNESS FOR LUMINAIRE MAST ARMS MAY BE TYPICALLY 0.10", 0.25" OR 0.35".

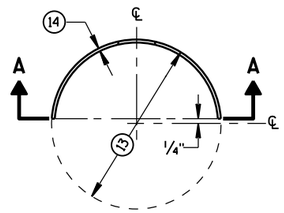
SHIM MATERIAL SHALL BE ALUMINUM ALLOY.

SHIM THICKNESS SHALL BE IMPRESSED INTO EACH SHIM. NUMERALS SHALL BE 1/4" HIGH AND LEGIBLE.

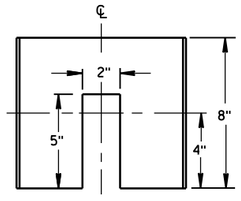
THE CONTRACTOR SHALL SUBMIT TWO COPIES OF ALL SHIM SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL.

(15) LEVELING SHIMS, DESIGNED FOR THE PURPOSE, SHALL BE USED WHEN PLUMBING POLES. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE. LEVELING SHIMS SHALL BE USED ONLY BETWEEN THE TOP OF THE CONCRETE BASE AND A METALLIC BASE PLATE.

SHIMS SHALL BE LONG ENOUGH AND WIDE ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.



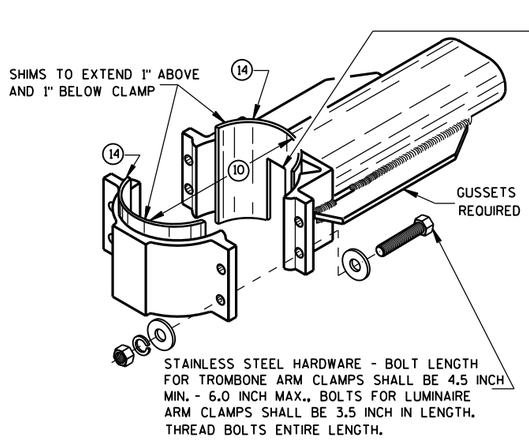
PLAN VIEW



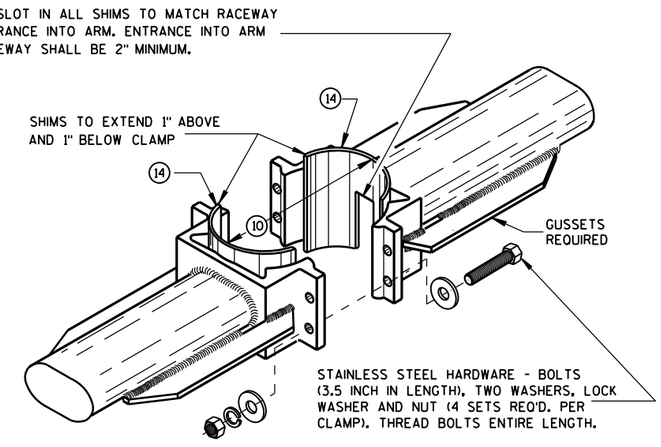
SECTION A-A

CIRCULAR CLAMP SHIM

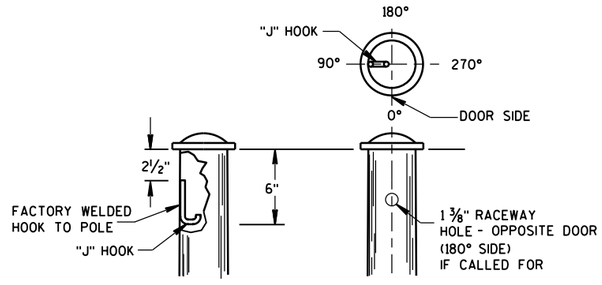
(2 TO A SET)



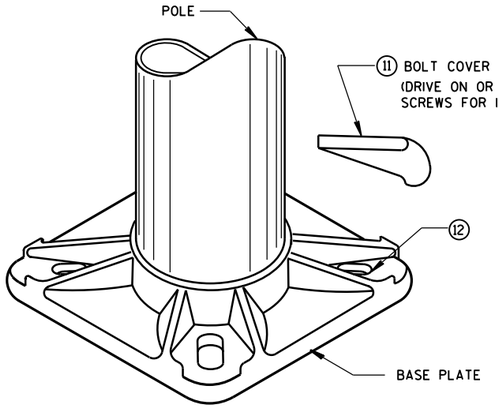
TYPICAL TROMBONE MAST ARM AND SINGLE LUMINAIRE MAST ARM MOUNTING CLAMP



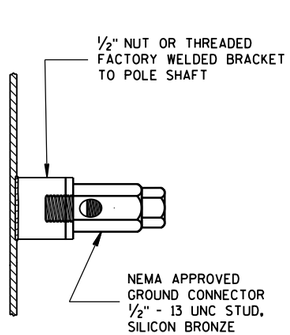
TYPICAL LUMINAIRE MAST ARM (DOUBLE) MOUNTING BRACKETS

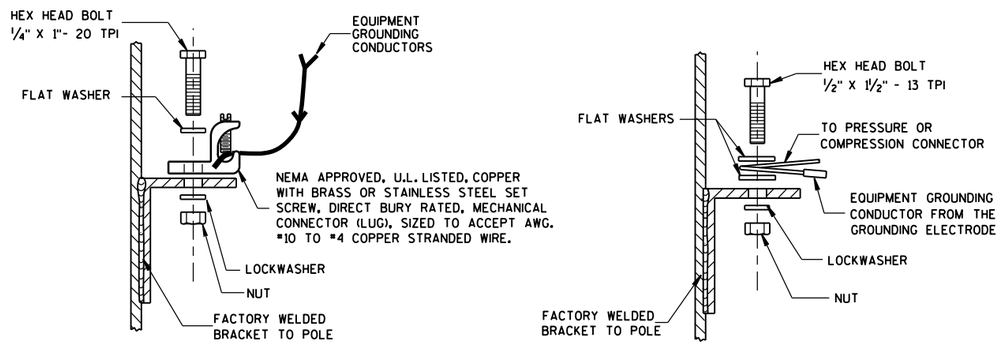


TYPICAL "J" HOOK LOCATION



BASE PLATE





TYPICAL GROUNDING CONNECTIONS

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL

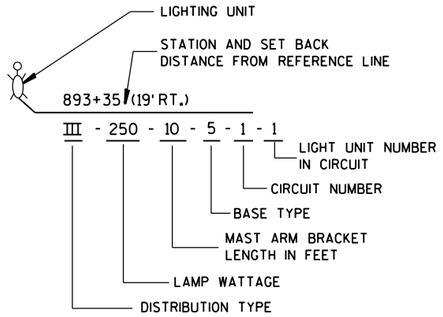
HARDWARE DETAILS FOR POLE MOUNTINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

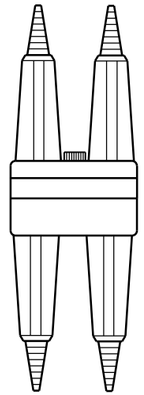
APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

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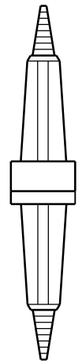
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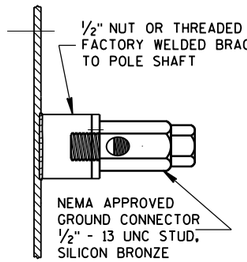
LIGHTING UNIT CODE
(TYPICAL)

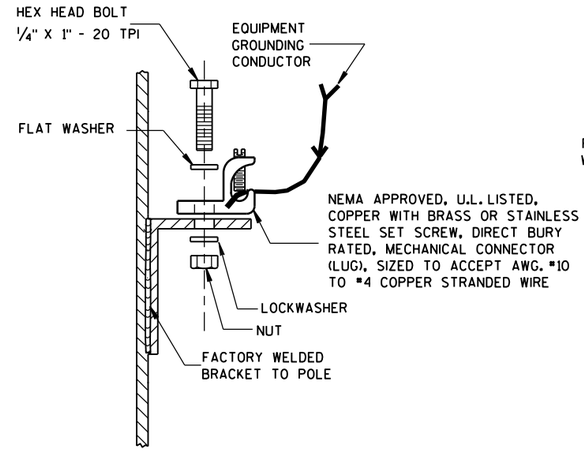


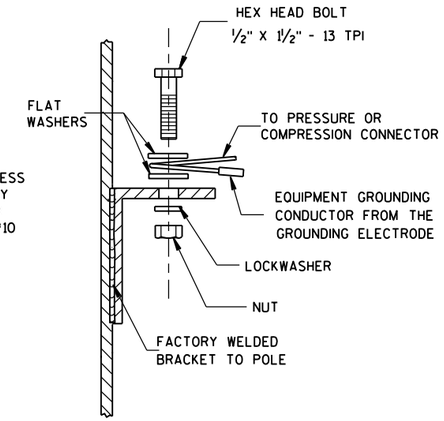
DETAIL "A"
BREAKAWY DOUBLE POLE WITH WATERPROOF INSULATING BOOT



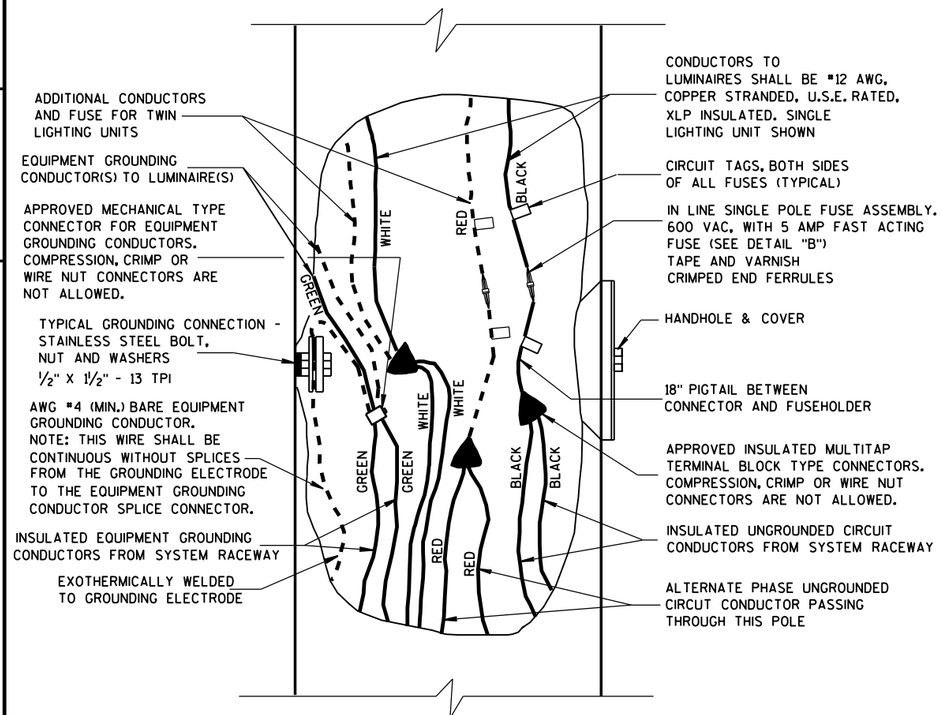
DETAIL "B"
BREAKAWY SINGLE POLE WITH WATERPROOF INSULATING BOOT



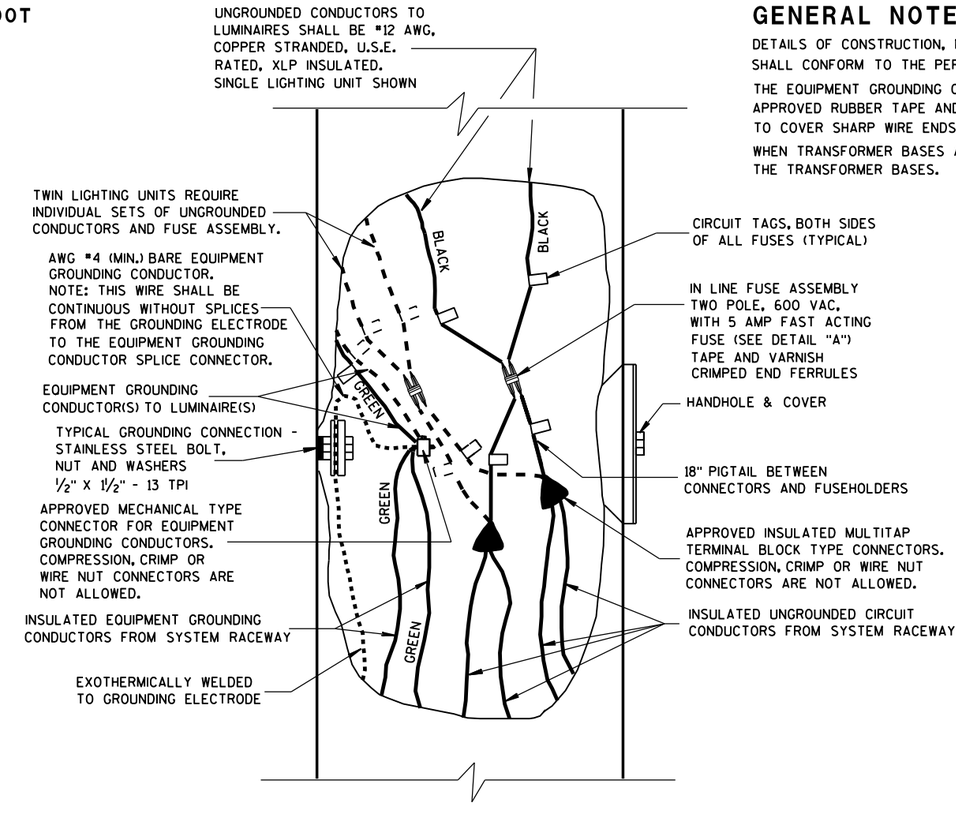




TYPICAL GROUNDING CONNECTIONS
NUT, BOLT, WASHERS AND LOCKWASHERS SHALL BE STAINLESS STEEL



3 WIRE - 120, 240 OR 480 VAC (UNGROUNDED CONDUCTOR) WITH GROUNDED CONDUCTOR AND WITH EQUIPMENT GROUNDING CONDUCTOR



2 WIRE - 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH EQUIPMENT GROUNDING CONDUCTOR

GENERAL NOTES

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

THE EQUIPMENT GROUNDING CONNECTOR SHALL BE TAPED WITH 3 WRAPS (MINIMUM) OF APPROVED RUBBER TAPE AND THEN 3 WRAPS (MINIMUM) OF APPROVED VINYL TAPE TO COVER SHARP WIRE ENDS AFTER THE CONNECTION IS COMPLETED.

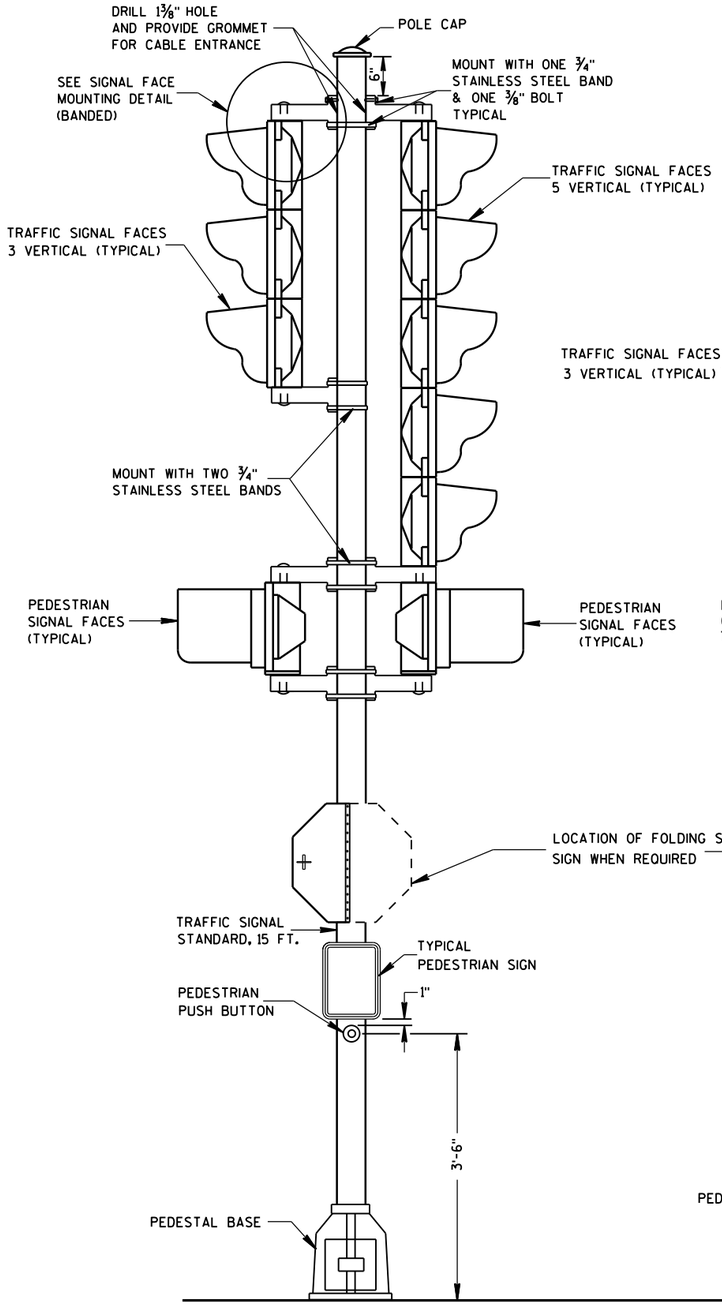
WHEN TRANSFORMER BASES ARE USED, ALL WIRING CONNECTIONS SHALL OCCUR WITHIN THE TRANSFORMER BASES.

NON-FREEWAY LIGHTING UNIT POLE WIRING

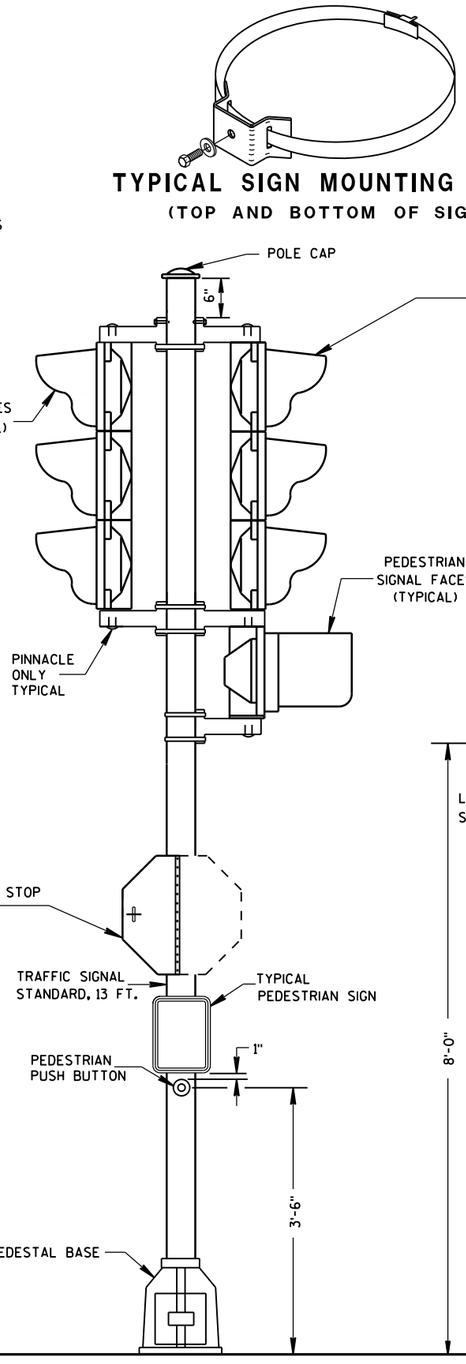
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

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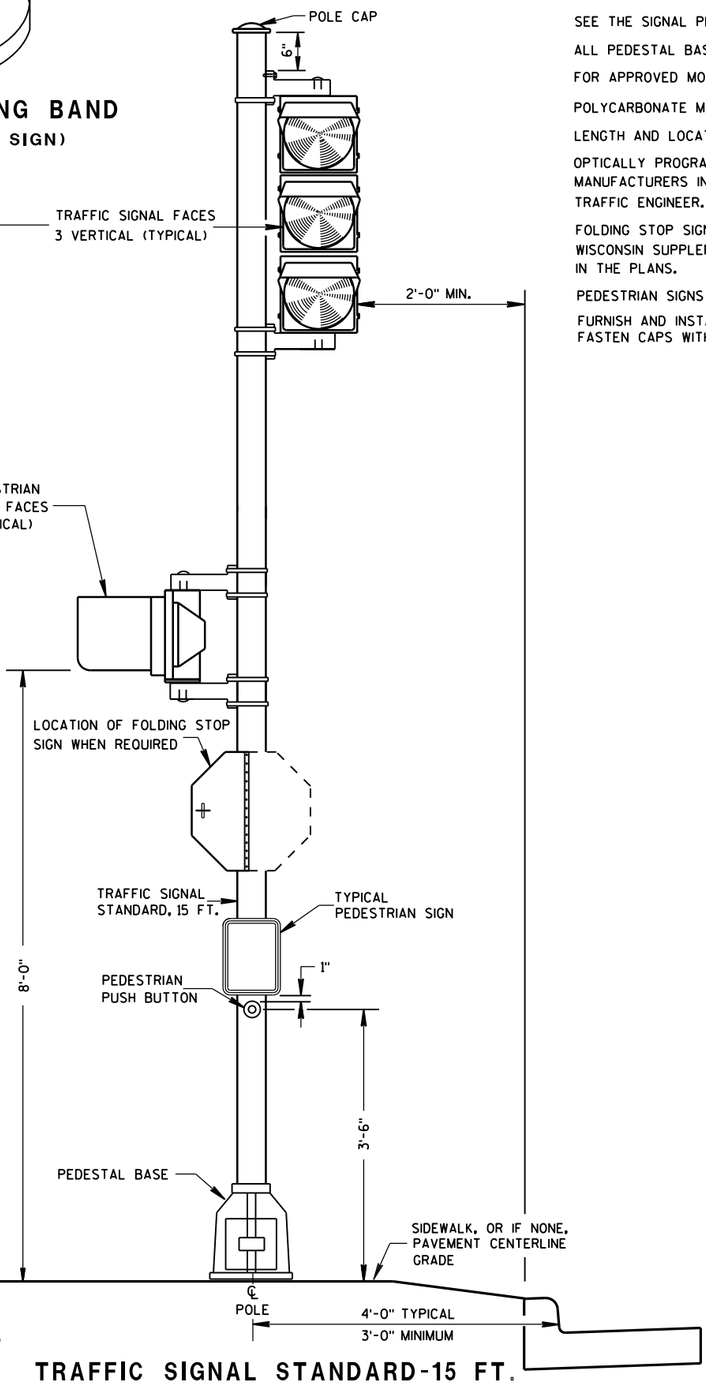


TRAFFIC SIGNAL STANDARD-15 FT.



TRAFFIC SIGNAL STANDARD-13 FT.

TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



TRAFFIC SIGNAL STANDARD-15 FT.
3M MOUNTING (TYPICAL)

GENERAL NOTES

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

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIAL PROVISIONS.

POLYCARBONATE MOUNTING BRACKETS SHALL BE USED.

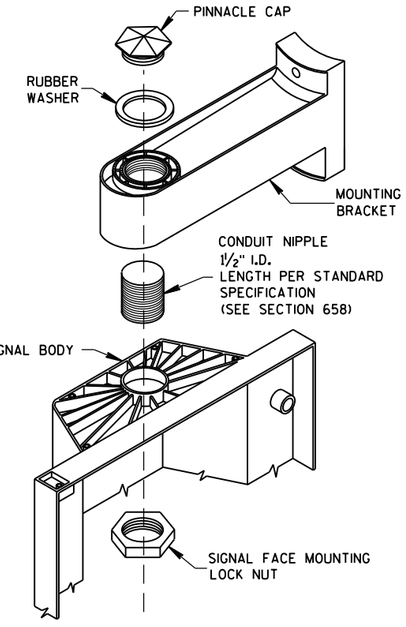
LENGTH AND LOCATION OF TRAFFIC SIGNAL STANDARDS SHALL BE AS SHOWN ON THE PLANS.

OPTICALLY PROGRAMMED SIGNAL FACES SHALL BE MASKED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, AND UNDER THE DIRECTIONS OF THE REGION TRAFFIC ENGINEER.

FOLDING STOP SIGNS SHALL BE IN ACCORDANCE WITH THE MUTCD AND/OR THE LATEST WISCONSIN SUPPLEMENT. THE SIGNS SHALL BE SIZED AND LOCATED AS CALLED FOR IN IN THE PLANS.

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.



SIGNAL FACE MOUNTING DETAIL
(BANDED)

TRAFFIC SIGNAL STANDARD
POLY BRACKET MOUNTINGS
(TYPICAL) 13 FT. OR 15 FT.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

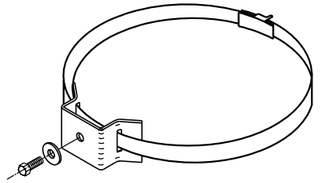
APPROVED
2/28/2013
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL

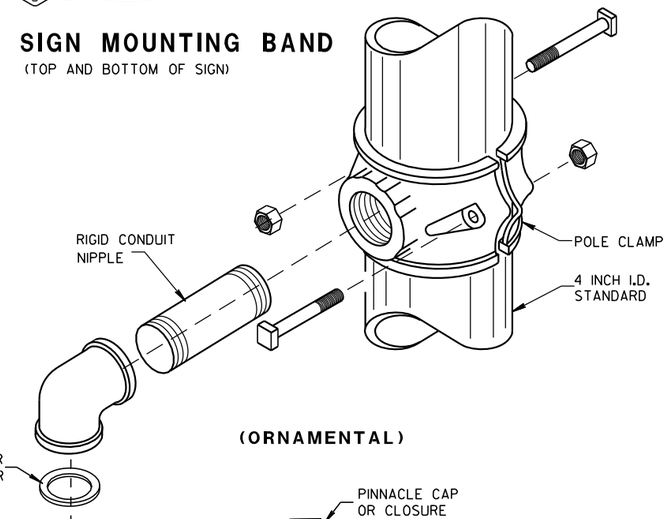
FHWA

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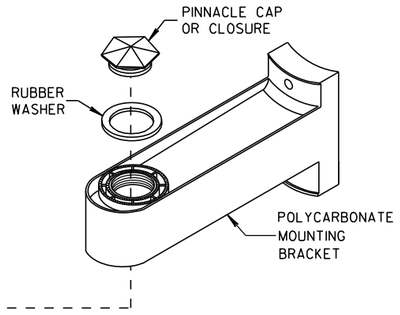
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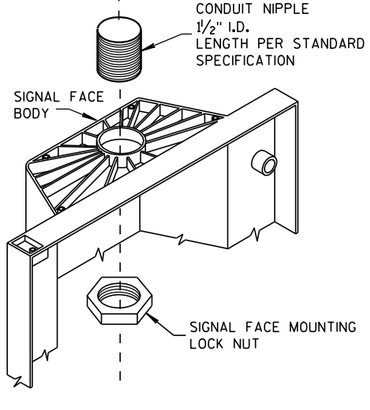
TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



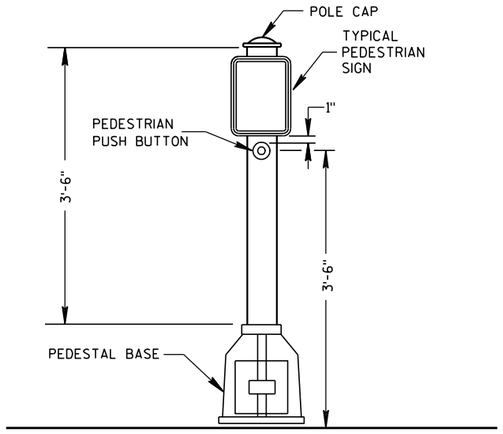
(ORNAMENTAL)



(BANDED)



SIGNAL FACE MOUNTING DETAILS



PEDESTRIAN PUSH BUTTON TYPICAL MOUNTING

GENERAL NOTES

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

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIFICATIONS.

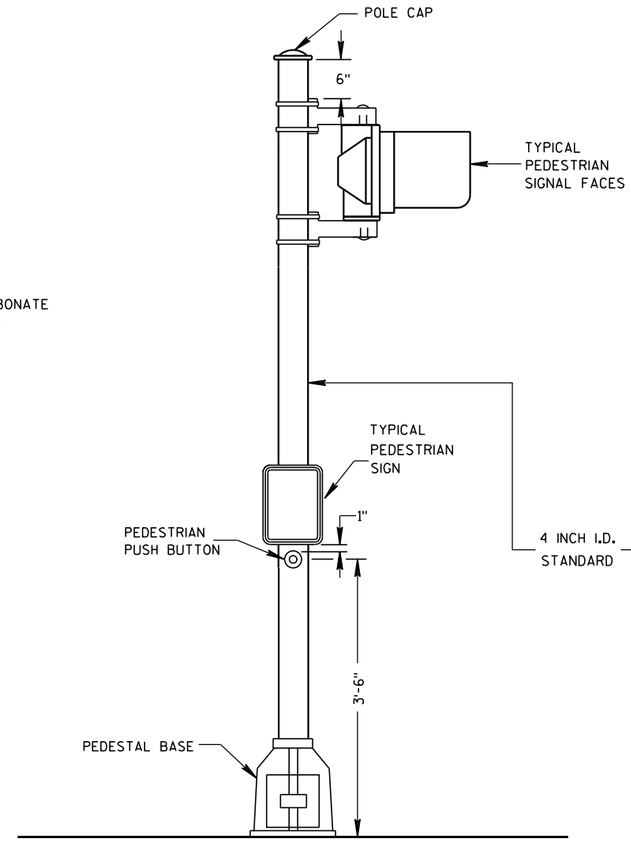
POLYCARBONATE SIGNAL FACE MOUNTING BRACKETS SHALL BE USED UNLESS ORNAMENTAL POLE CLAMPS ARE SPECIFIED.

LENGTH OF TRAFFIC STANDARDS SHALL BE AS SHOWN ON THE PLANS.

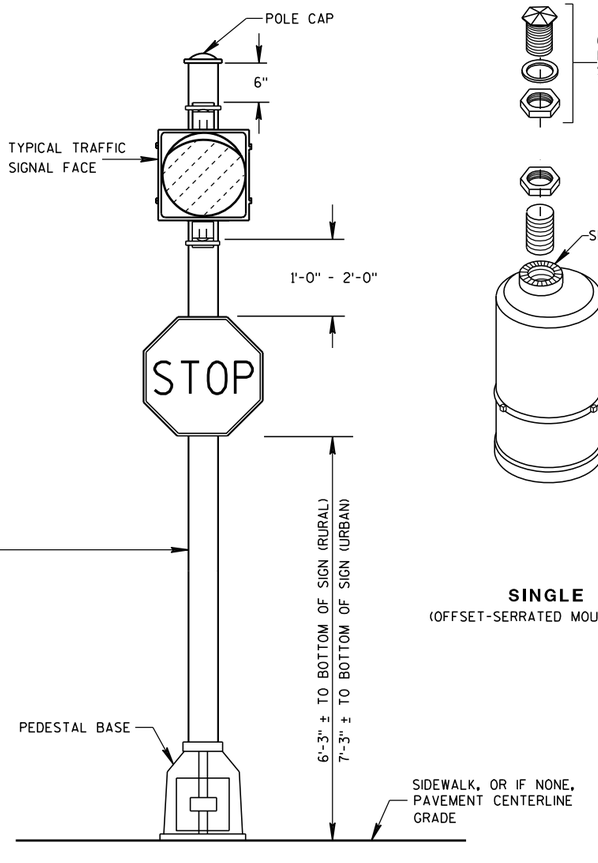
MOUNTINGS AND BRACKETS SHALL BE AS SHOWN ON THE PLANS OR DESCRIBED IN THE SPECIAL PROVISIONS (BY THE DISTRICT TRAFFIC ENGINEER).

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

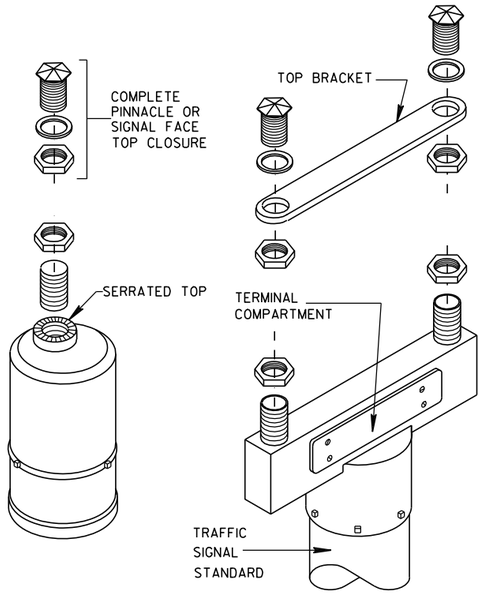
FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.



PEDESTRIAN FACE STANDARD-10 FT.
(WALK-DON'T WALK)



STANDARD FLASHER.
10 FOOT, 13 FOOT OR 15 FOOT AS REQUIRED



SINGLE
(OFFSET-SERRATED MOUNTING)

DOUBLE
(SERRATED MOUNTING)

SLIPFITTERS

TRAFFIC SIGNAL STANDARD PEDESTRIAN AND FLASHER TYPICAL MOUNTING DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

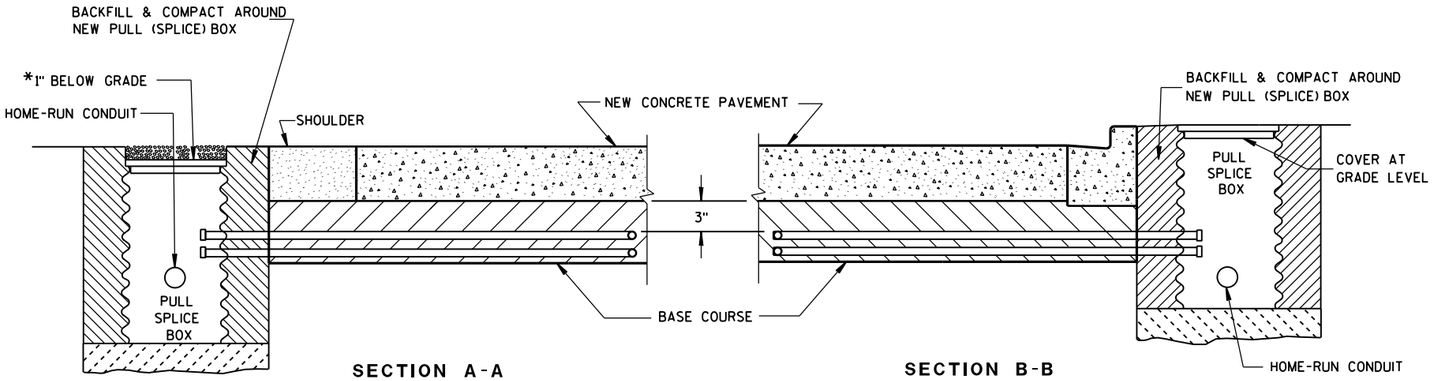
APPROVED
5/11/10 DATE
/S/ John Corbin STATE ELECTRICAL ENGI
FHWA HWYS

6

S.D.D. 9 E 7-5

6

S.D.D. 9 E 7-5



SECTION A-A
NO CURB & GUTTER

SECTION B-B
CURB & GUTTER

*RECESS PULL (SPLICE) BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.

LOOP DETECTOR INSTALLATION DETAIL

GENERAL NOTES

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

LOOP SIZE, CONFIGURATION LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL (SPLICE) BOX.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST OR AN ENGINEER APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READINGS TO THE PROJECT ENGINEER FOR EVALUATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

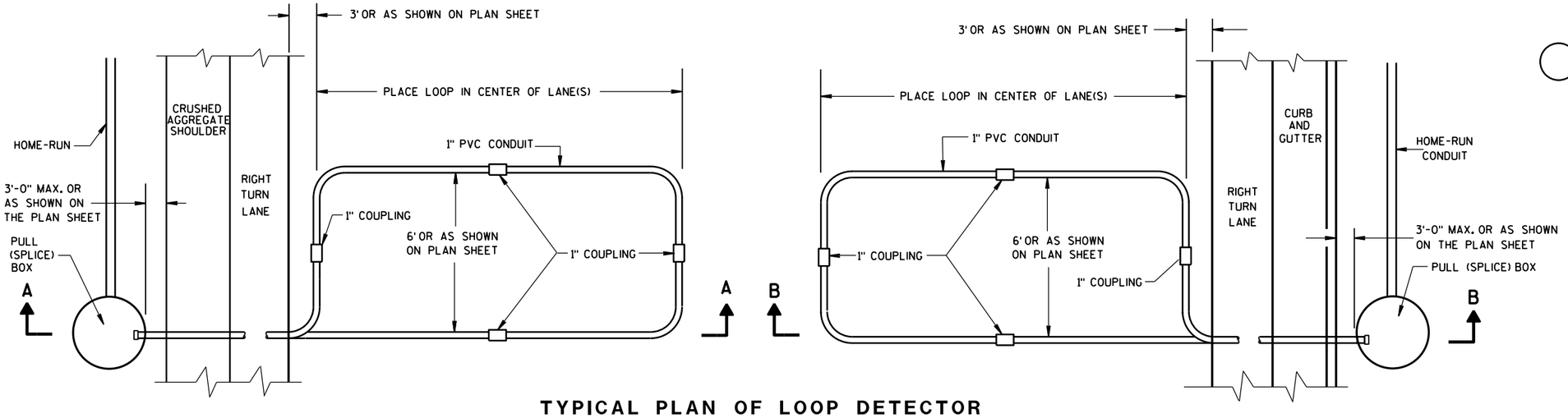
THE #12 AWG. LOOP WIRE IN THE PULL (SPLICE) BOX SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE BEING SPLICED TO THE LOOP LEAD-IN CABLE.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL (SPLICE) BOXES AT THE SIDE OF THE ROAD.

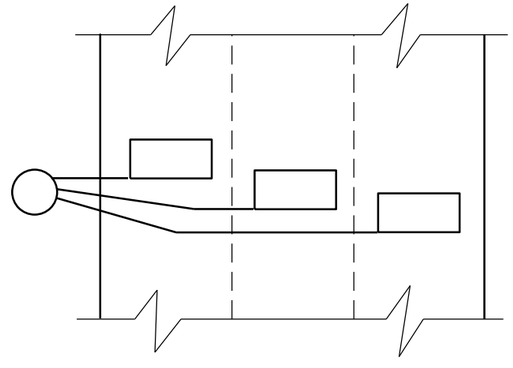
THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL (SPLICE) BOX, THROUGH THE LOOP CONDUIT, BACK TO THE ROADSIDE PULL (SPLICE) BOX, AND BE INSTALLED IN ONE, NON-SPLICED CONTINUOUS LENGTH.

PROTECTION OF THE CONDUITS IN THE BASE COURSE SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE NEW PAVEMENT IS INSTALLED.

SHOULD INSTALLATION REPAIR BE REQUIRED, IT SHALL BE DONE UNDER THE DIRECTION OF THE PROJECT ENGINEER.

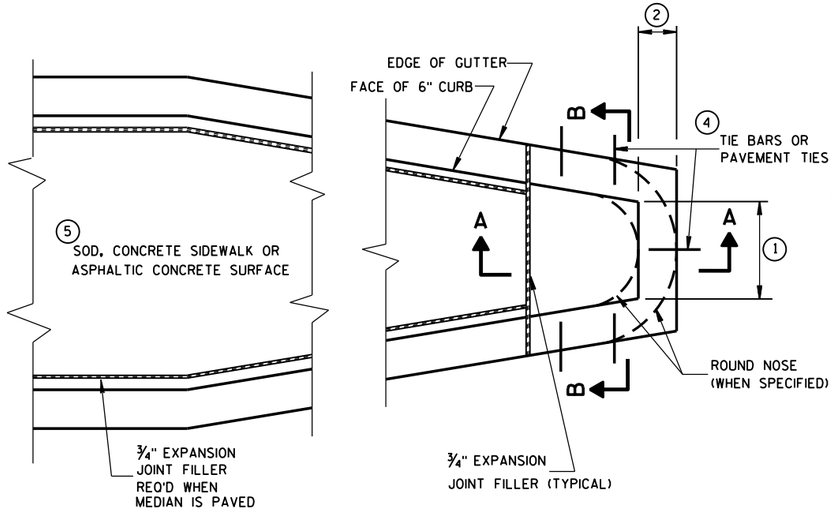


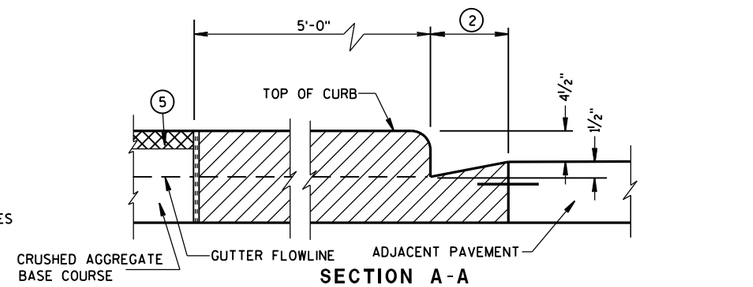
TYPICAL PLAN OF LOOP DETECTOR WITH 24" PULL (SPLICE) BOX

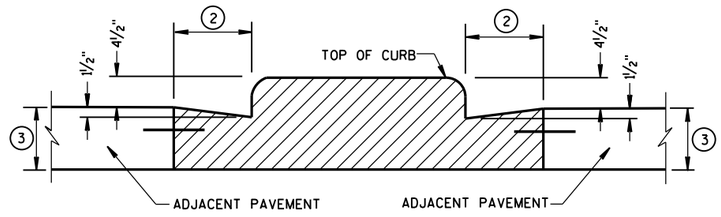


MULTI-LANE INSTALLATION

LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVED Sept. 2014 — DATE /S/ Ahmet Demirbilek — STATE ELECTRICAL FHWA







CONCRETE MEDIAN BLUNT NOSE DETAIL

GENERAL NOTES

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

(1) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

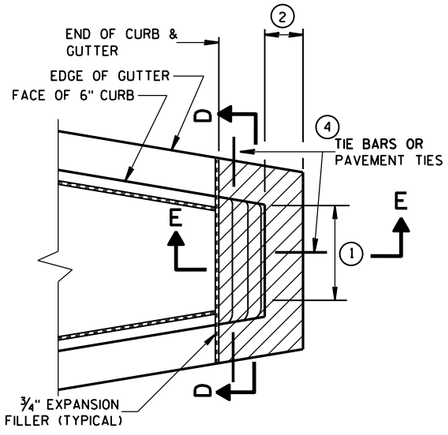
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

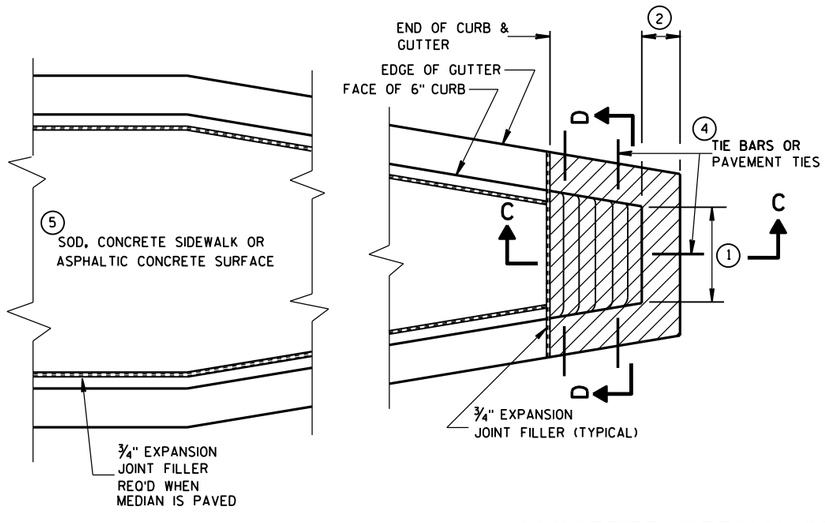
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

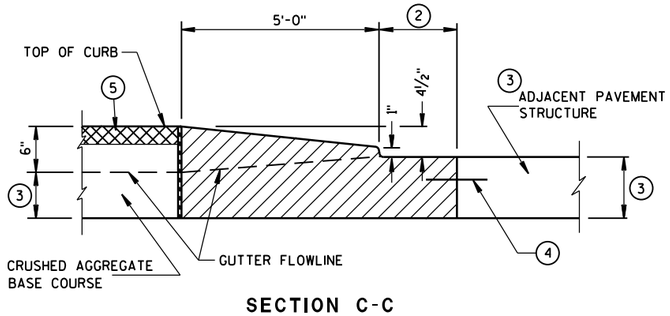
(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

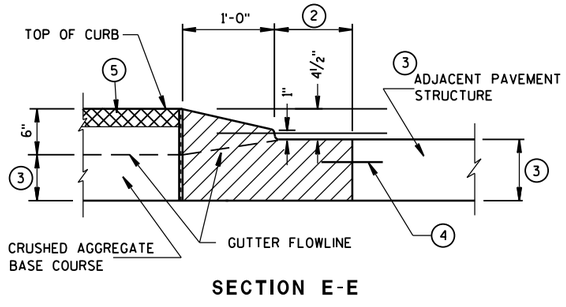
PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.



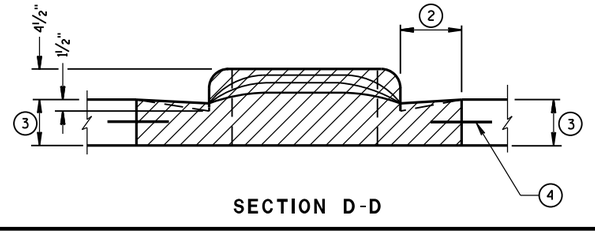






CONCRETE MEDIAN SLOPED NOSE TYPE 2

CONCRETE MEDIAN SLOPED NOSE TYPE 1



CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

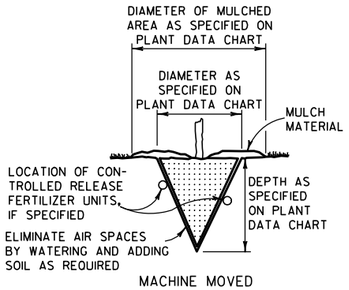
APPROVED
6/8/2006
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS D ENGINEER
FHWA

6

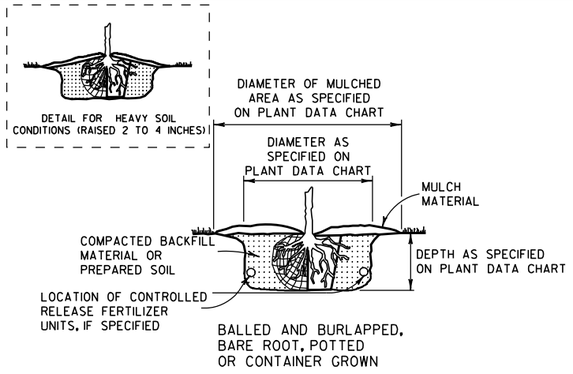
S.D.D. 11 B 2-2

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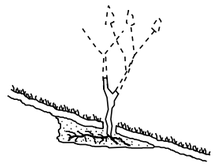
S.D.D. 11 B 2-2



MACHINE MOVED

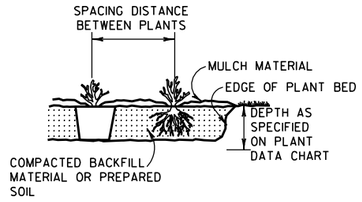


BALLED AND BURLAPPED, BARE ROOT, POTTED OR CONTAINER GROWN



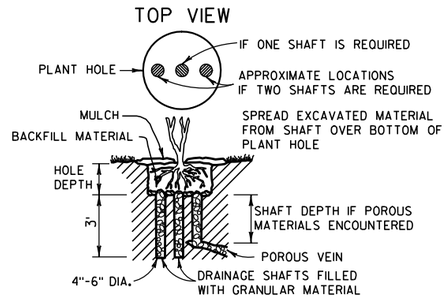
ACCOMMODATE ROOTS (SMOOTH AND STAGHORN SUMAC)

NOTE:
1) ENGINEER SHALL REQUIRE 3 SLITS IN POT TO SPEED DETERIORATION
2) METAL, PLASTIC OR OTHER NONDEGRADABLE POTS SHALL BE REMOVED PRIOR TO PLANTING



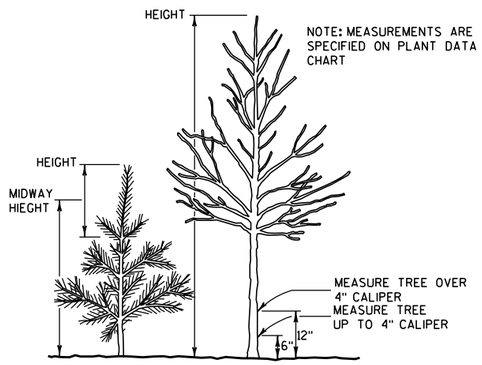
PREPARED BED (BARE ROOT AND POTTED)

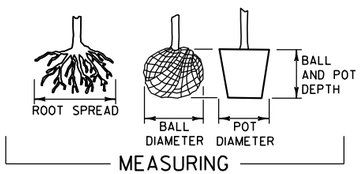
PLANTING



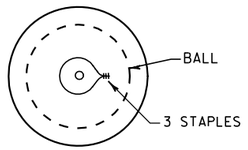
NOTE:
DRAINAGE SHAFT AS SPECIFIED ON PLANT DATA CHART

DRAINING

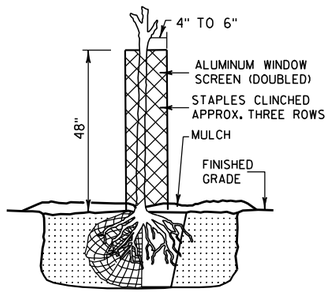




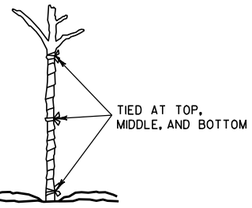
MEASURING



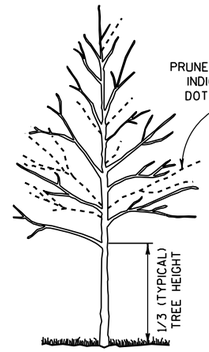
TOP VIEW



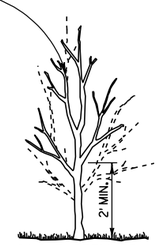
RODENT PROTECTION



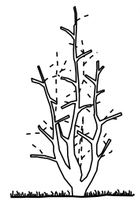
WRAPPING



TALL DECIDUOUS TREES (ASH, MAPLE, LINDEN, OAK)



SINGLE STEMMED LOW DECIDUOUS TREES (CRABS AND OTHER SINGLE STEM TYPE)



MULTI-STEMMED LOW DECIDUOUS TREES OR LARGE SHRUBS (HAWTHORN, SERVICEBERRY)

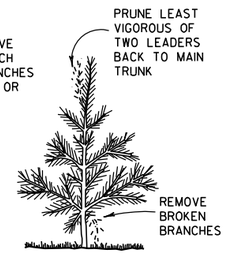
NOTE: WHEN PRUNING, PRESERVE CHARACTER AND SHAPE OF TREE. AVOID LEAVING STUBS - REMOVE BRANCH OR TWIG BACK TO THE NEAREST CROTCH
1) PRUNE TO REMOVE DEAD AND BROKEN BRANCHES
2) PRUNE TO REMOVE BRANCHES THAT TOUCH OR ARE TOO CLOSE TO OTHER BRANCHES



SHRUBS (GRAY DOGWOOD ARROWWOOD VIBURNUM)

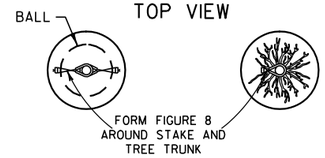


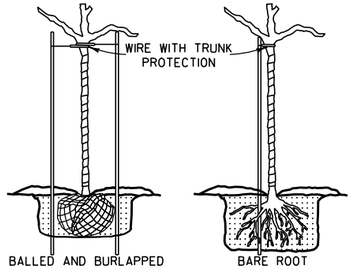
SUMAC

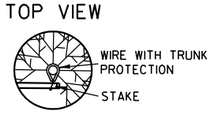


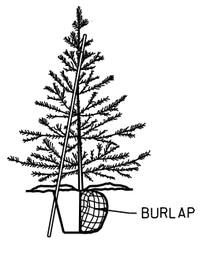
TREE TYPE EVERGREENS (PINE, SPRUCE, FIR) EVERGREENS USUALLY ARE NOT PRUNED

PRUNING



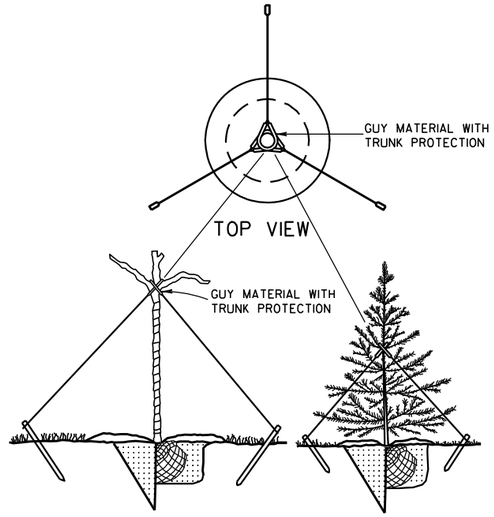






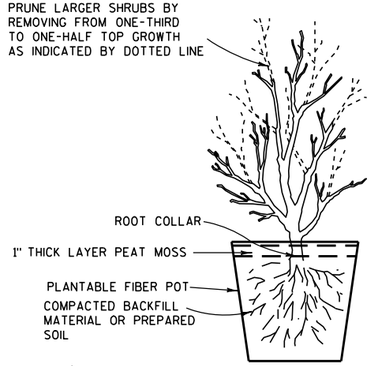
NOTE: BRACING STAKE
1) SHALL BE DRIVEN INTO THE GROUND AS CLOSE TO THE TREE AS POSSIBLE WITHOUT DAMAGING THE BRANCHES.
2) MAY BE DRIVEN AT SUCH AN ANGLE THAT IT DOES NOT PENETRATE THE BALL OR POT.
3) SHALL NOT PROTRUDE ABOVE THE TOP OF THE TREE; AND
4) SHALL HAVE A HOLE NEAR THE TOP TO HOLD THE WIRE IN PLACE.

BRACING



GUYING

PRUNE LARGER SHRUBS BY REMOVING FROM ONE-THIRD TO ONE-HALF TOP GROWTH AS INDICATED BY DOTTED LINE



POTTING

NOTES

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

BRACING, WRAPPING, GUYING, RODENT PROTECTION, FERTILIZER AND MULCH SHALL BE USED ONLY WHEN SPECIFIED ON THE PLANT DATA CHART (PART OF PLAN) OR SPECIAL PROVISIONS.

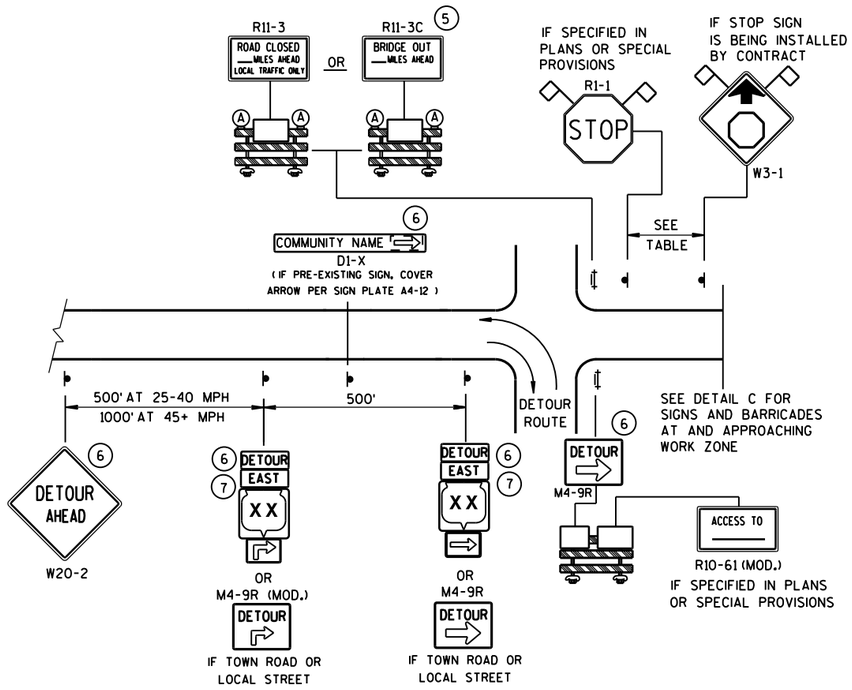
TREE PLANTING DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4/11/94
DATE
/S/ Rory L. Rhinesmith
CHIEF METHODS DEVELOPMENT ENGINEER
FHWA

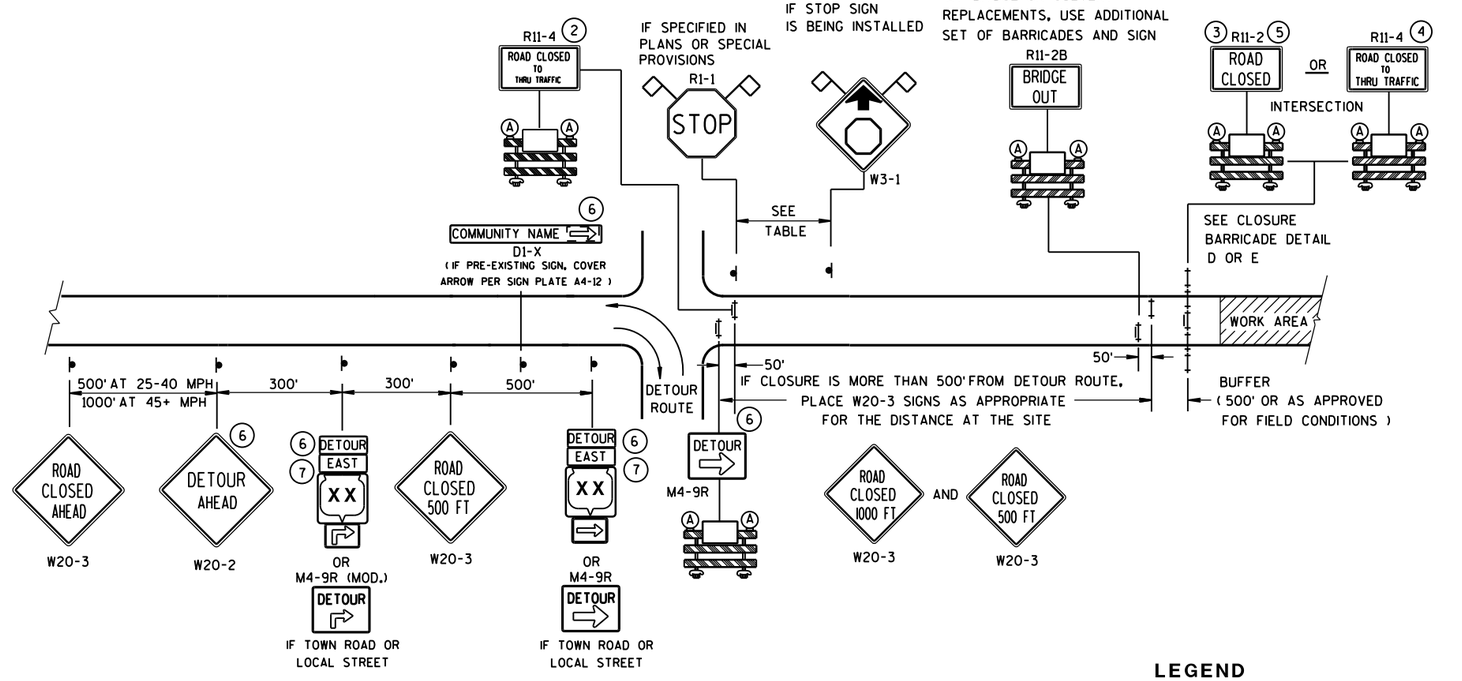
S.D.D. 14 A 2-1

S.D.D. 14 A 2-1



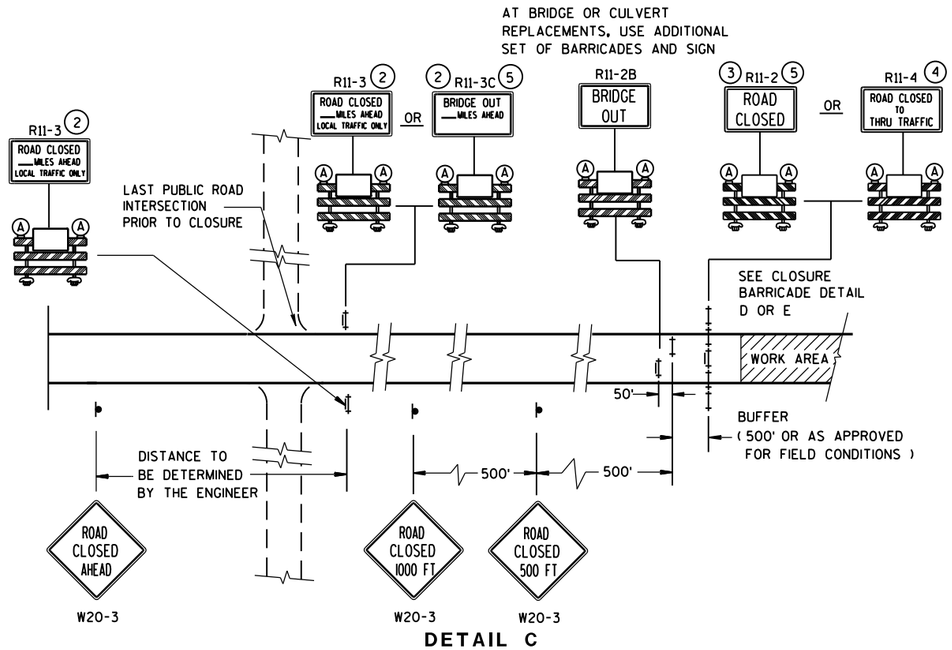
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN 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
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- DETOUR / EAST — M4-8 / M3-X
- XX — M1-4; COUNTY XX — M1-5A; XX — M1-6
- M05-1 OR M06-1
- FLAGS, 16" X 16" MIN., (ORANGE)

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

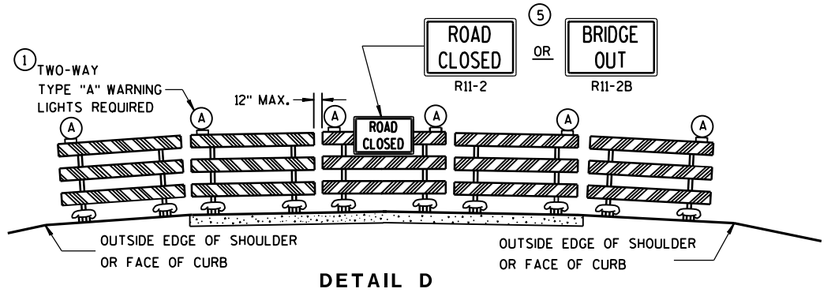
8/2013 — DATE

/S/ Travis Feltes — STATE TRAFFIC ENGINEER

FHWA

6

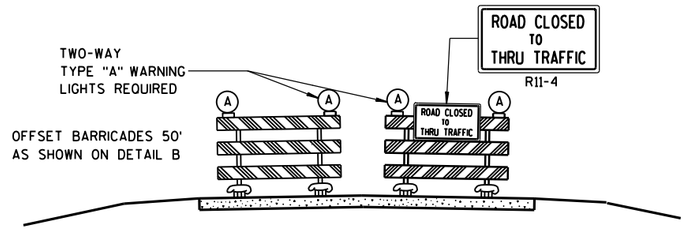
S.D.D. 15 C 2-5a



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 BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE 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, 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". (30" X 15" 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.)
- M05-1 AND M06-1 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 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 LANE 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 MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

8/2013 — DATE

/S/ Travis Feltes — STATE TRAFFIC ENGINEER

DESIGN

FHWA

6

S.D.D. 15 C 2-5b

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

GENERAL NOTES

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

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. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

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

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.

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

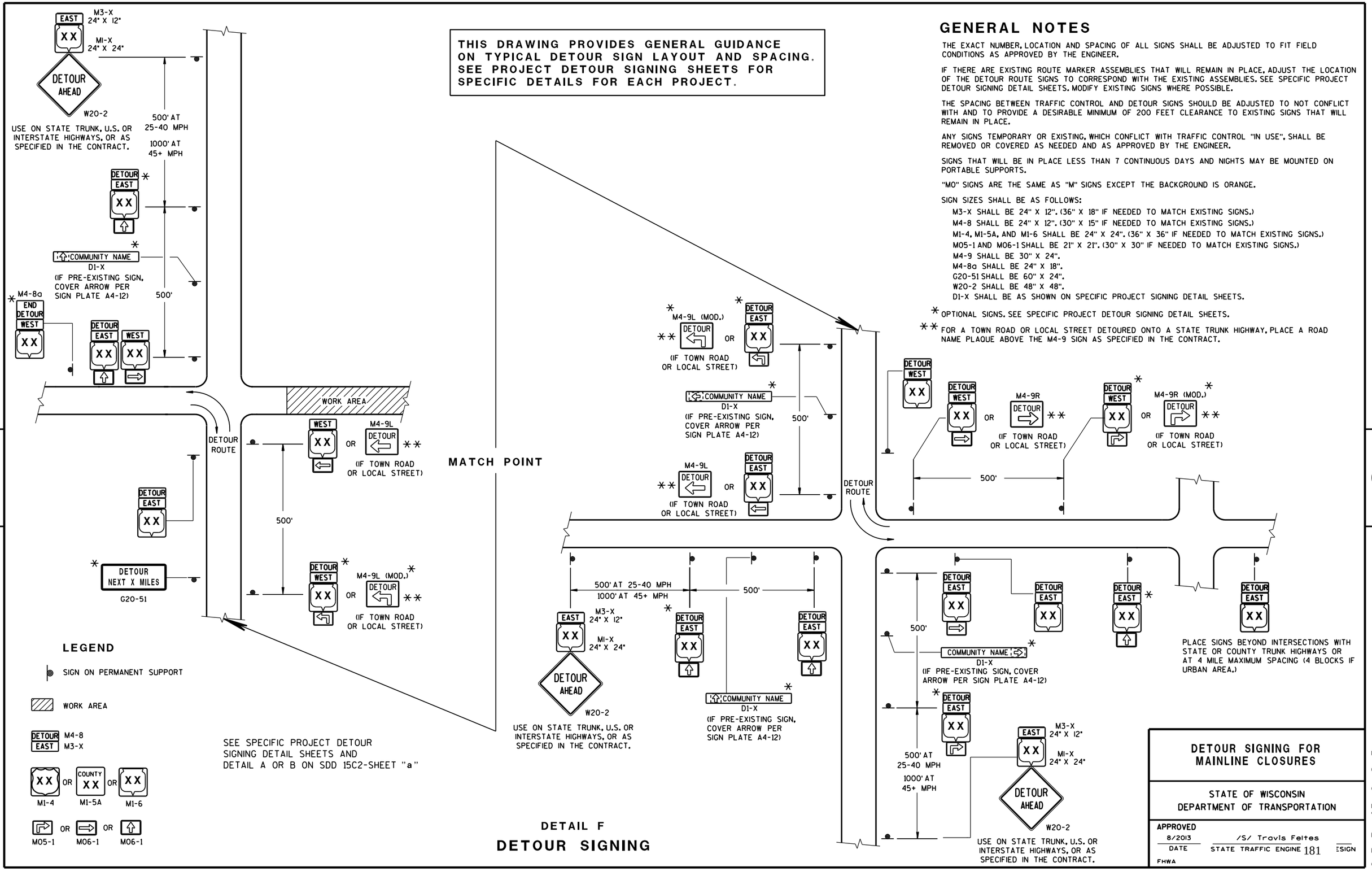
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOWS:

- M3-X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-8 SHALL BE 24" X 12". (30" X 15" 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.)
- M05-1 AND M06-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-9 SHALL BE 30" X 24".
- M4-8a SHALL BE 24" X 18".
- G20-51 SHALL BE 60" X 24".
- W20-2 SHALL BE 48" X 48".
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT.



DETAIL F

DETOUR SIGNING

DETOUR SIGNING FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

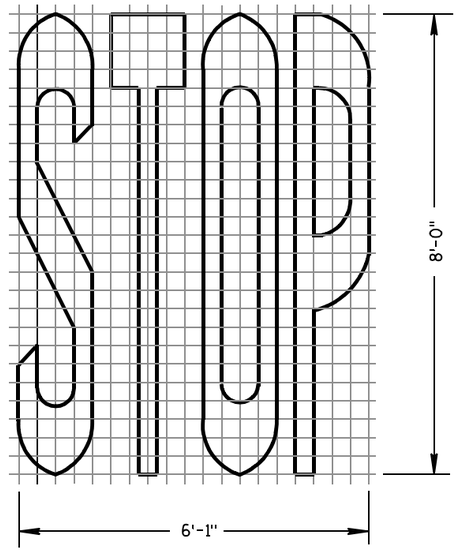
S.D.D. 15 C 2-5c

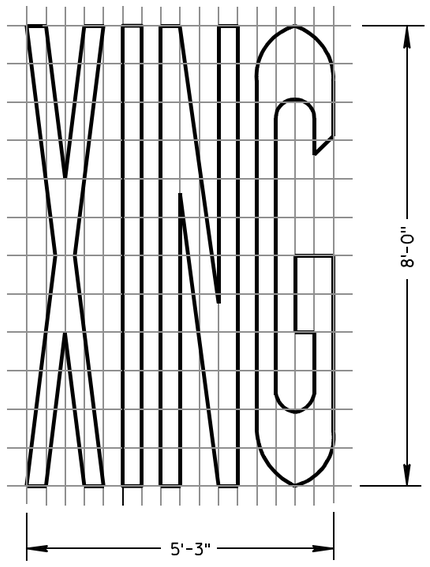
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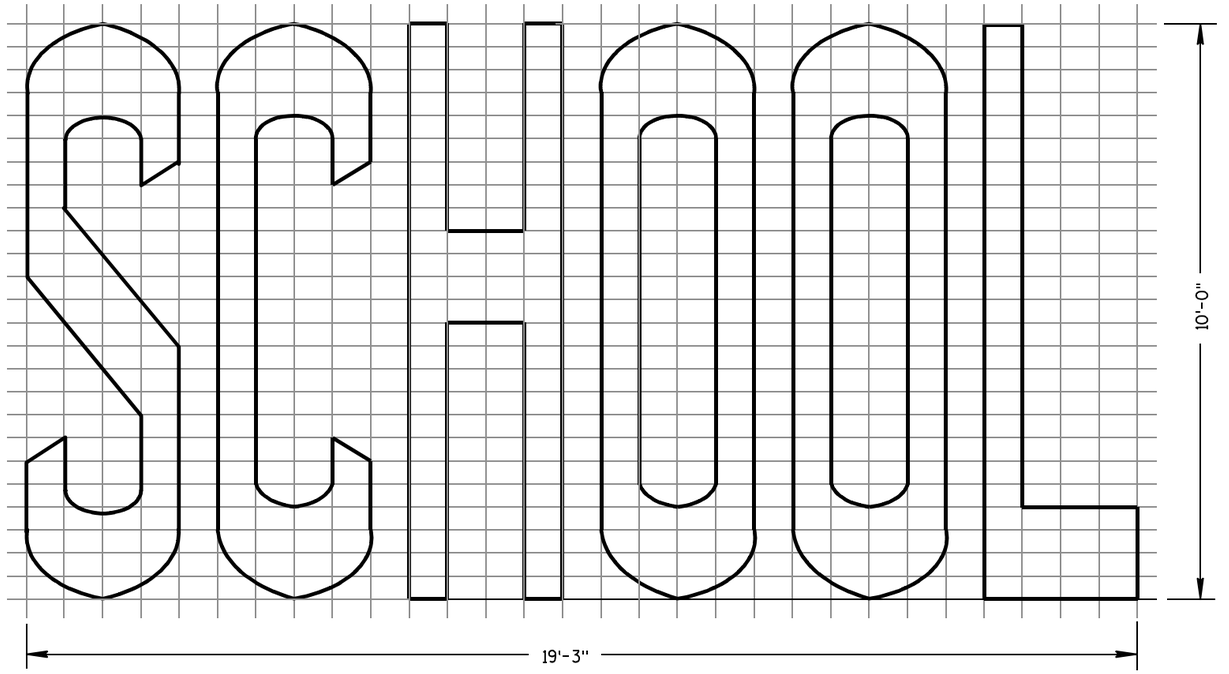
GENERAL NOTES

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.

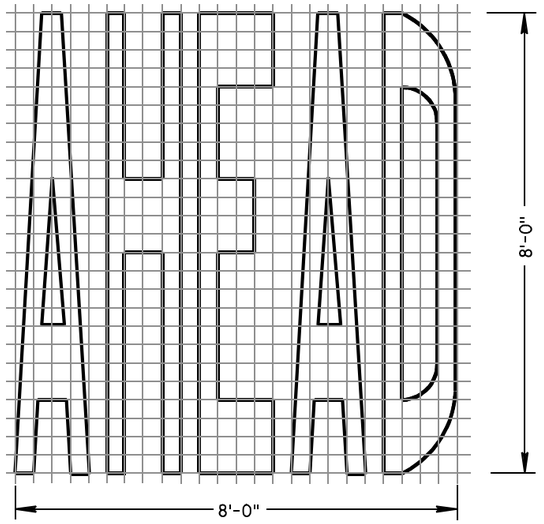
ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN CONFORMANCE WITH REQUIREMENTS INCLUDED IN "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKING" BOOK BY THE FEDERAL HIGHWAY ADMINISTRATION. ALL LETTERS, ARROWS AND SYMBOLS SHALL BE WHITE AND REFLECTORIZED. SMALL DIFFERENCES IN DIMENSIONS WITHIN THE TOLERANCES OF THAT BOOK ARE ACCEPTABLE.

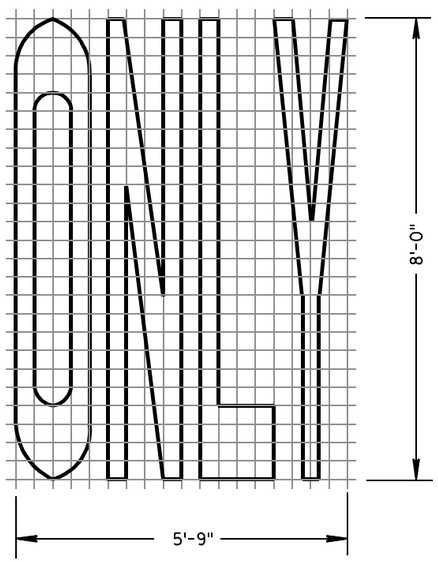


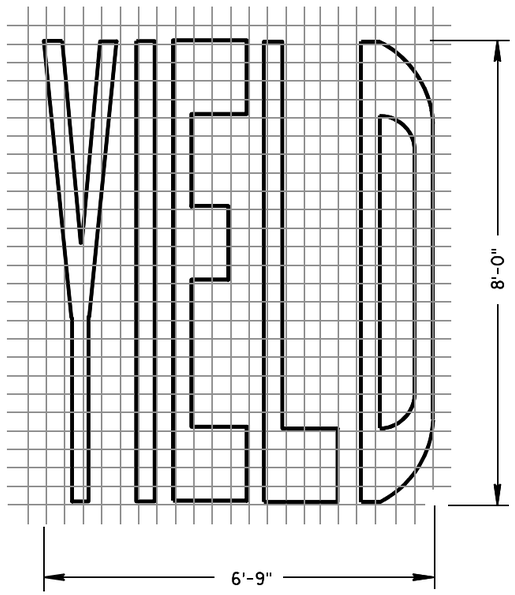


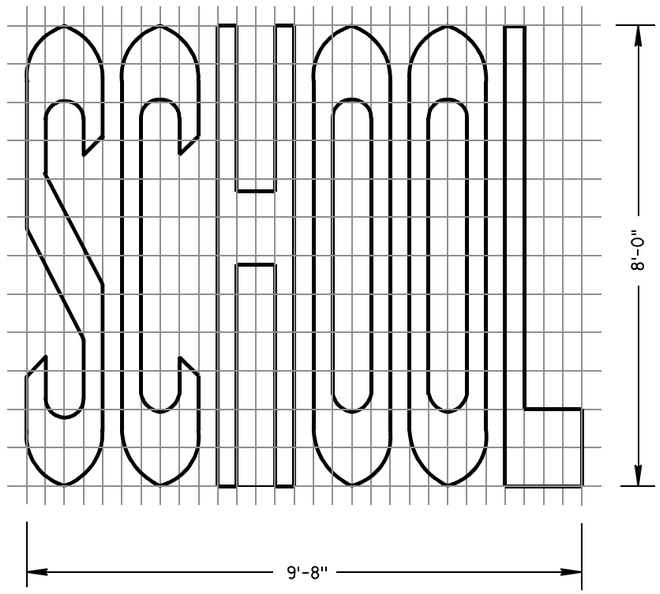


TWO-LANE









SINGLE-LANE

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

7-1-11 DATE

/S/ Thomas N. Nothohm
STATE TRAFFIC ENGINEER

IGN

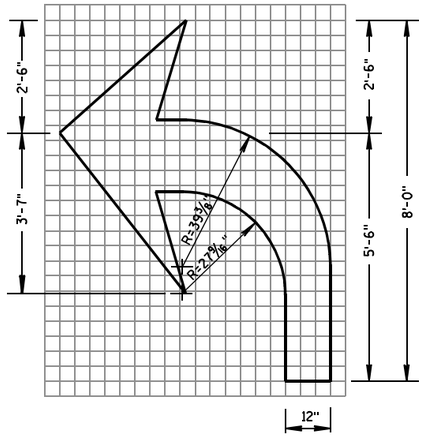
FHWA

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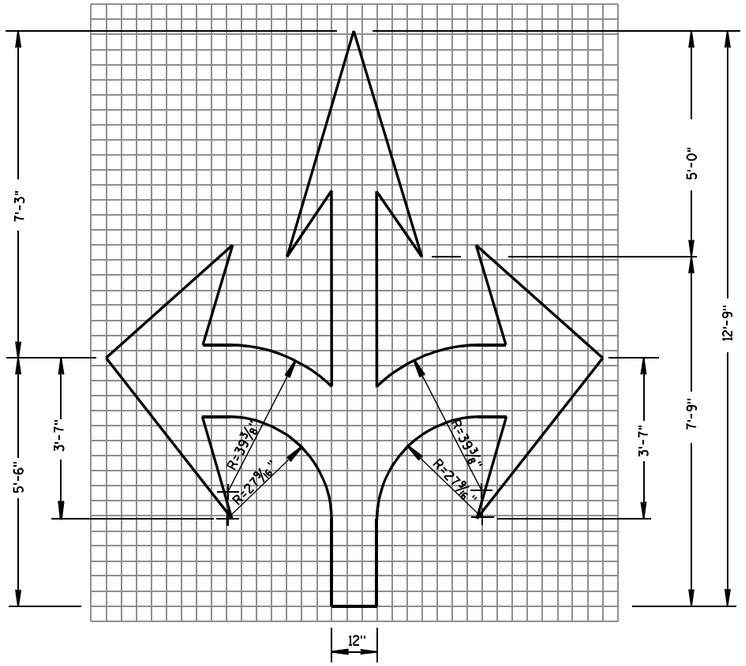
S.D.D. 15 C 7-12b

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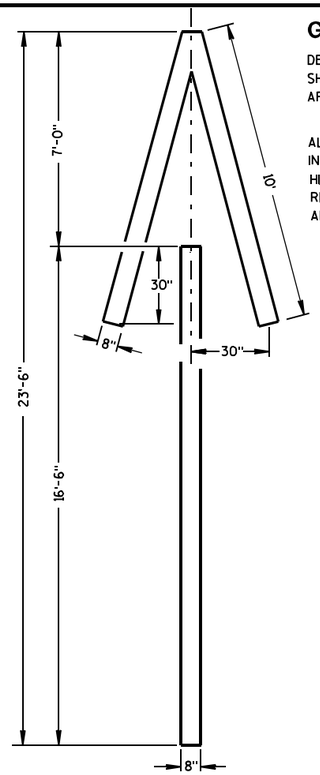
S.D.D. 15 C 7-12b



TYPE 2



TYPE 6

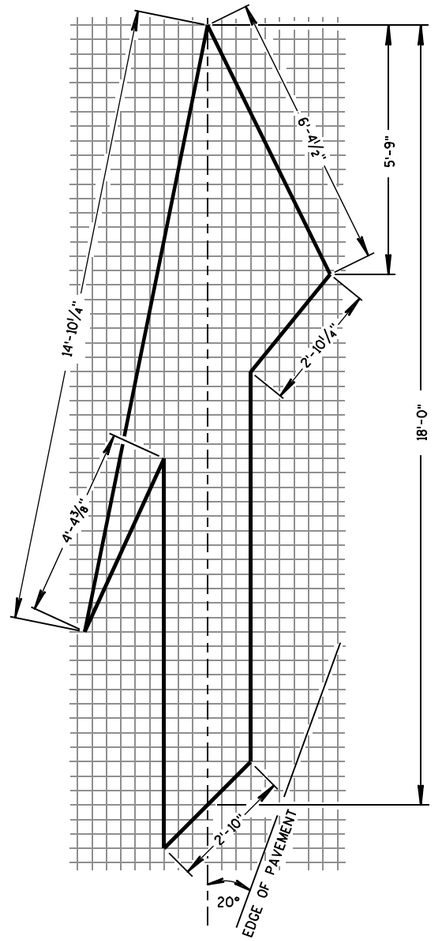


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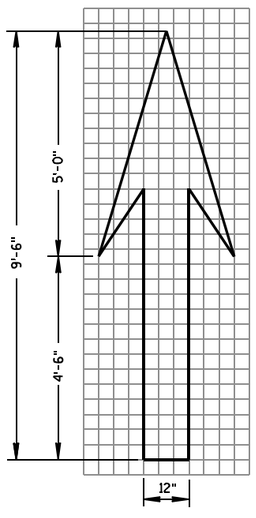
GENERAL NOTES

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.

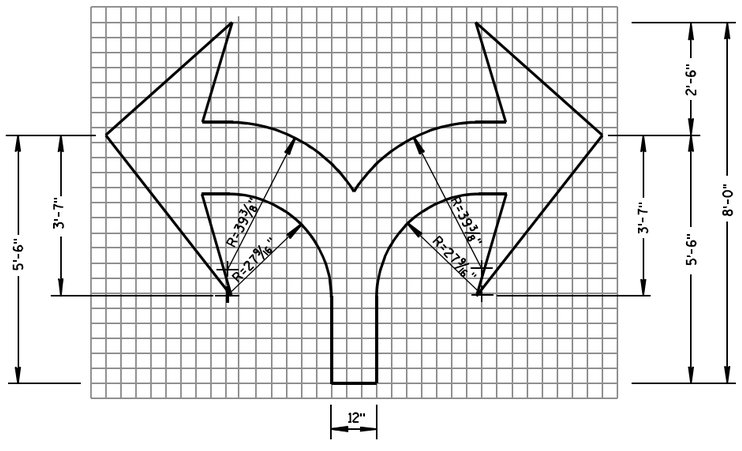
ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN CONFORMANCE WITH REQUIREMENTS INCLUDED IN "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKING" BOOK BY THE FEDERAL HIGHWAY ADMINISTRATION. ALL LETTERS, ARROWS AND SYMBOLS SHALL BE WHITE AND REFLECTORIZED. SMALL DIFFERENCES IN DIMENSIONS WITHIN THE TOLERANCES OF THAT BOOK ARE ACCEPTABLE.



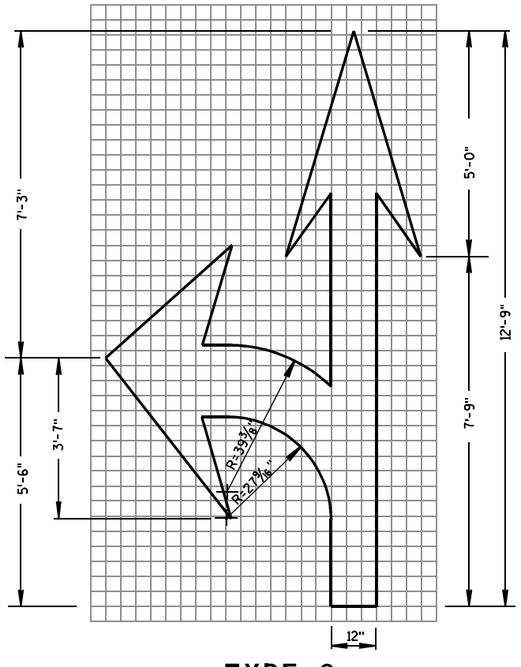
TYPE 5 LANE DROP ARROW



TYPE 1



TYPE 7



TYPE 3

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

7/1/11 — DATE

/S/ Thomas N. Nathaham — STATE TRAFFIC ENGINEER

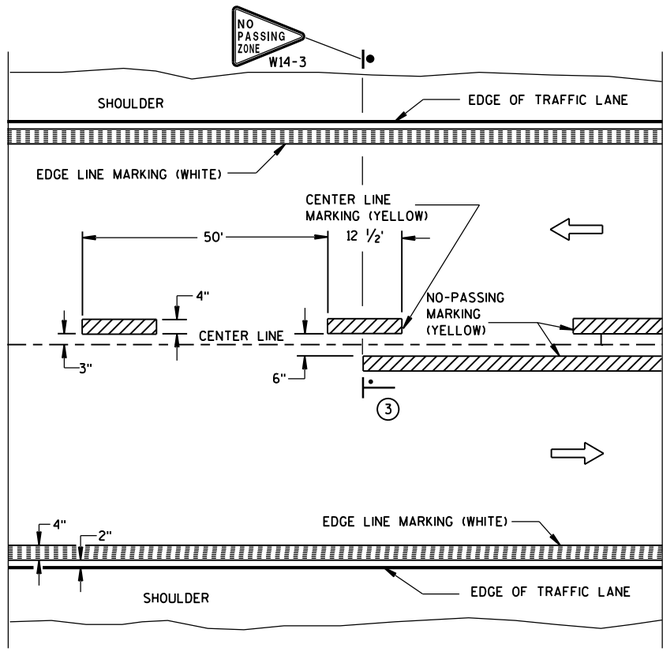
FHWA

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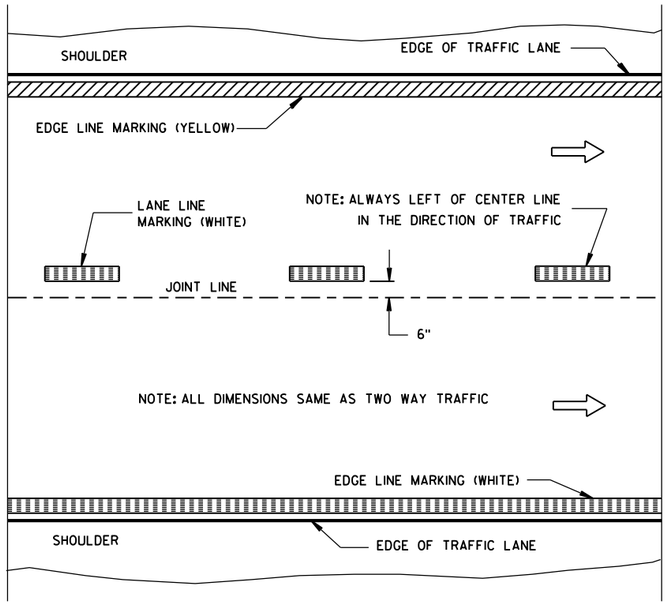
S.D.D. 15 C 7-12c

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S.D.D. 15 C 7-12c

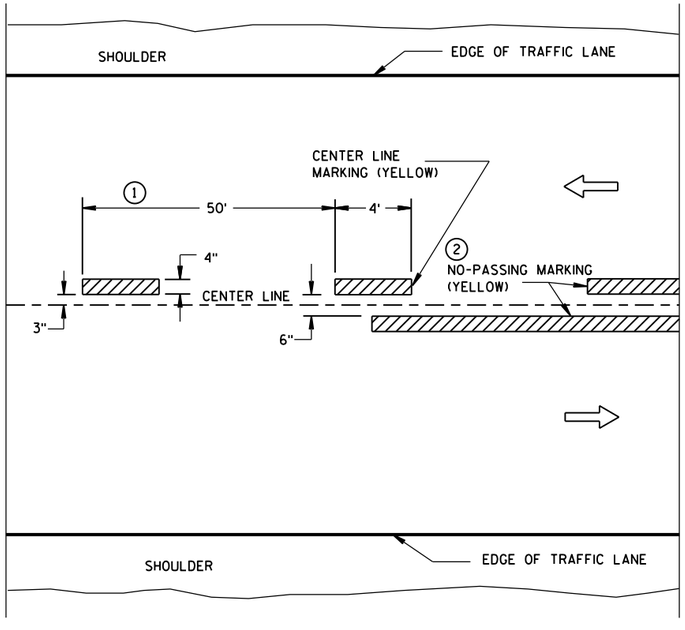


TWO WAY TRAFFIC

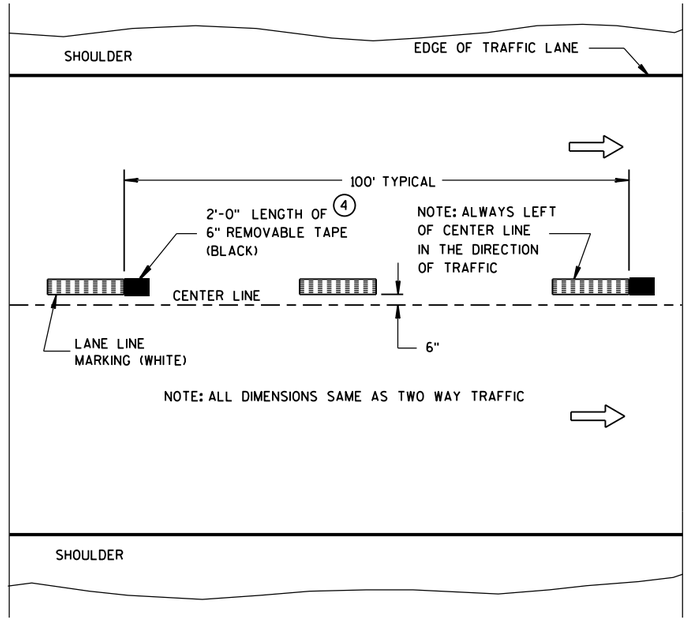


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY (INTERMEDIATE) PAVEMENT MARKING

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

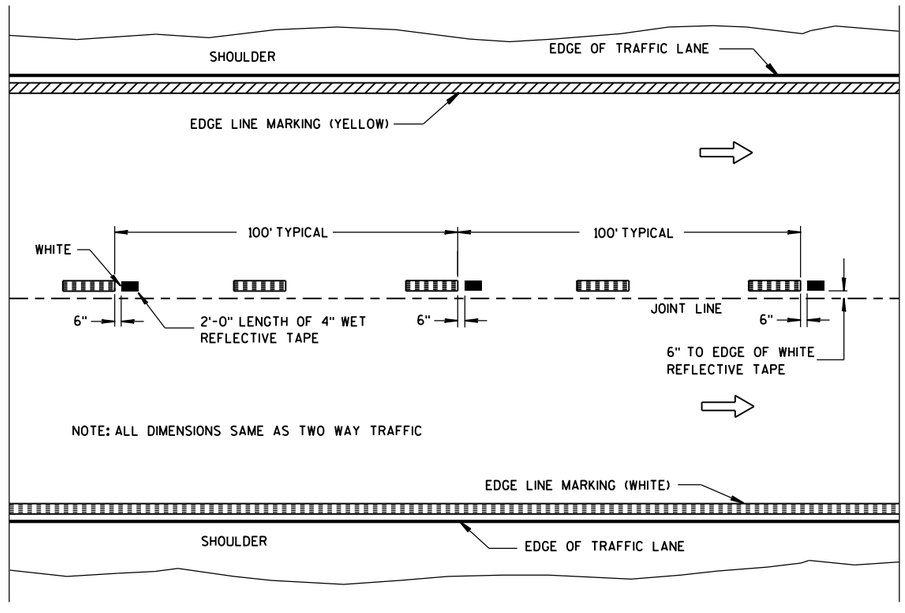
GENERAL NOTES

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

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

NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL



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

LEGEND

"T" MARKING

POST MOUNTED SIGN

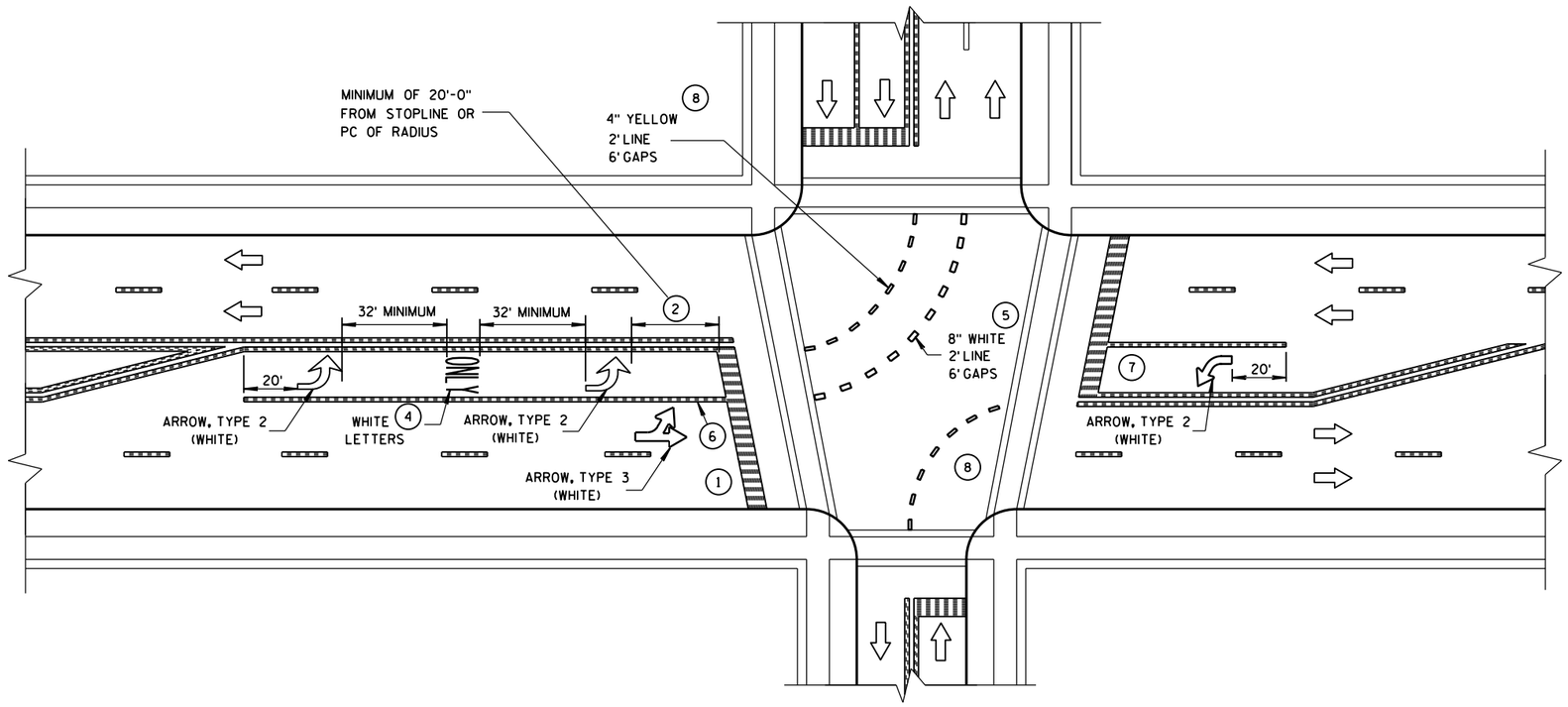
PAVEMENT MARKING (MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
5-13-2013 DATE
/S/ Travis Feltes STATE TRAFFIC E
FHWA

6

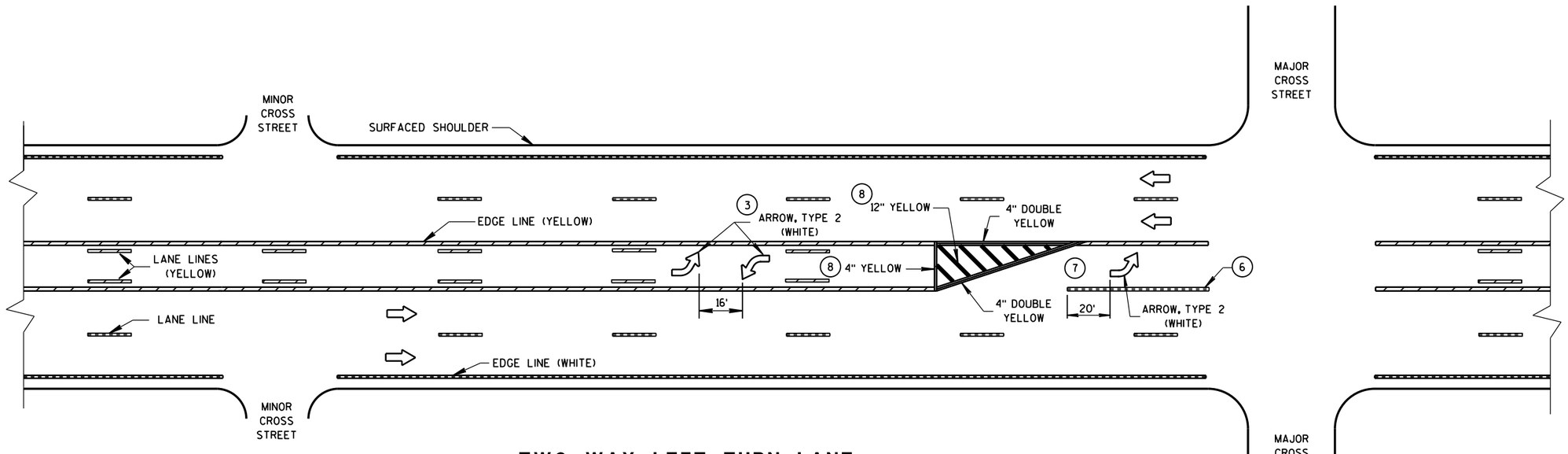
S.D.D. 15 C 8-16a



GENERAL NOTES

1. STOP BAR IS REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.
2. DISTANCE MAY BE ADJUSTED TO ACCOMODATE SHORT LEFT TURN LANES. AS APPROVED BY THE ENGINEER.
3. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
4. ADD EXTRA SETS OF ONE ARROW AND ONE ONLY PER 160 FEET OR WHEN ON A CURVE.
5. 8" WHITE WITH 2' LINE 6' GAPS FOR DUAL TURN LANE.
6. 8" WHITE
7. ADD SECOND ARROW WHEN TURN BAY IS GREATER THAN OR EQUAL TO 108 FEET.
8. REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL



TWO WAY LEFT TURN LANE

PAVEMENT MARKING (LEFT TURN LANE)

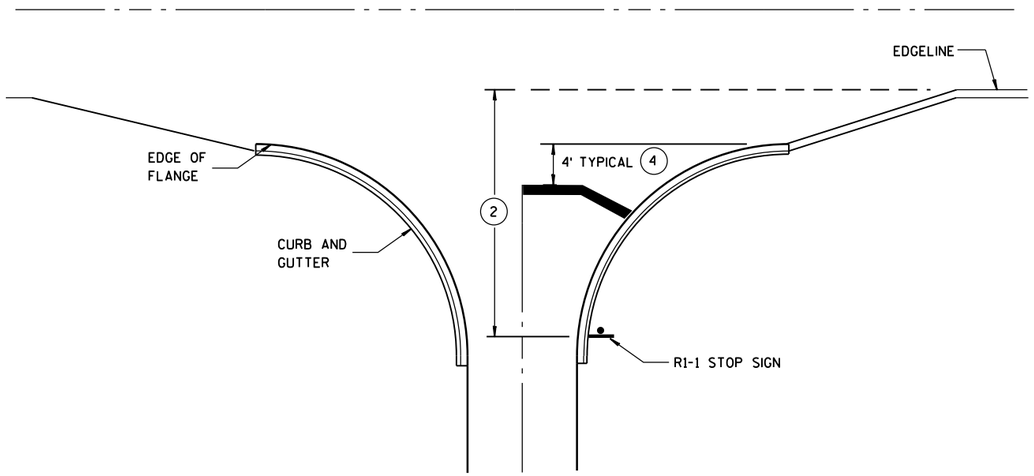
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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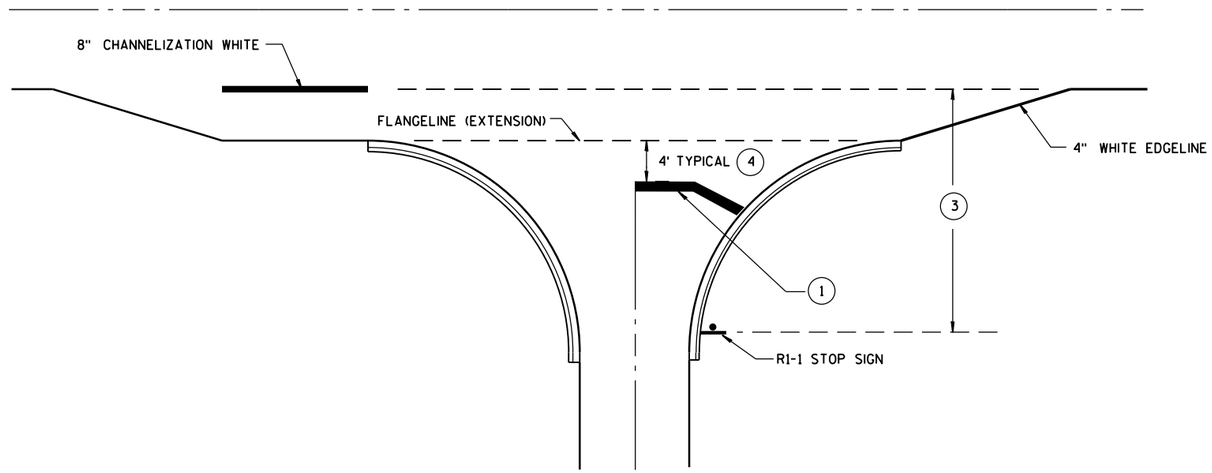
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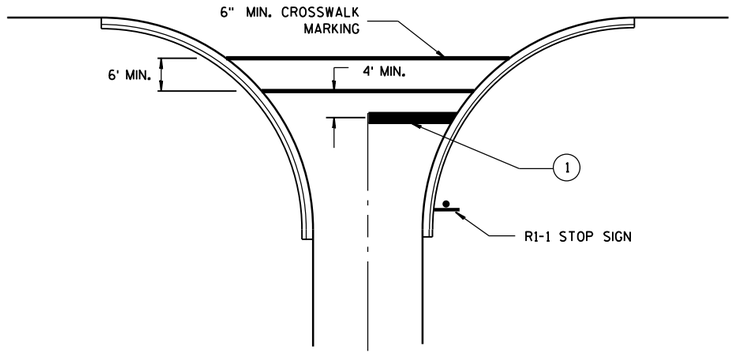
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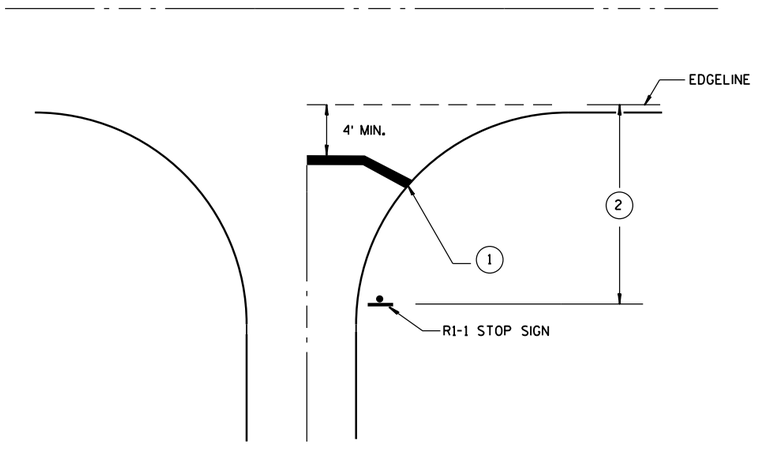
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

GENERAL NOTES

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

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4/30/2013
DATE

/S/ Travis Feltes
STATE TRAFFIC E

FHWA

6

S.D.D. 15 C 33-1

TABLE 1
TAPER AND BUFFER SPACE
FOR 12' LANE WIDTH

S	L	BUFFER SPACE
25	125'	55'
30	180'	85'
35	245'	120'
40	320'	170'
45	540'	220'
50	600'	280'
55	660'	335'

FOR LANE WIDTH OTHER THAN 12':

L = WS AT 45 MPH OR GREATER

$L = \frac{WS^2}{60}$ AT 40 MPH OR LESS

L = TAPER LENGTH IN FEET

S = NON-CONSTRUCTION SPEED LIMIT (MPH)

W = WIDTH OF LANE CLOSURE

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- WORK AREA

GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT TWO LANES. FOR CLOSING THE LEFT TWO LANES, REVERSE THE TRAFFIC CONTROL.

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

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

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

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

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

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

OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

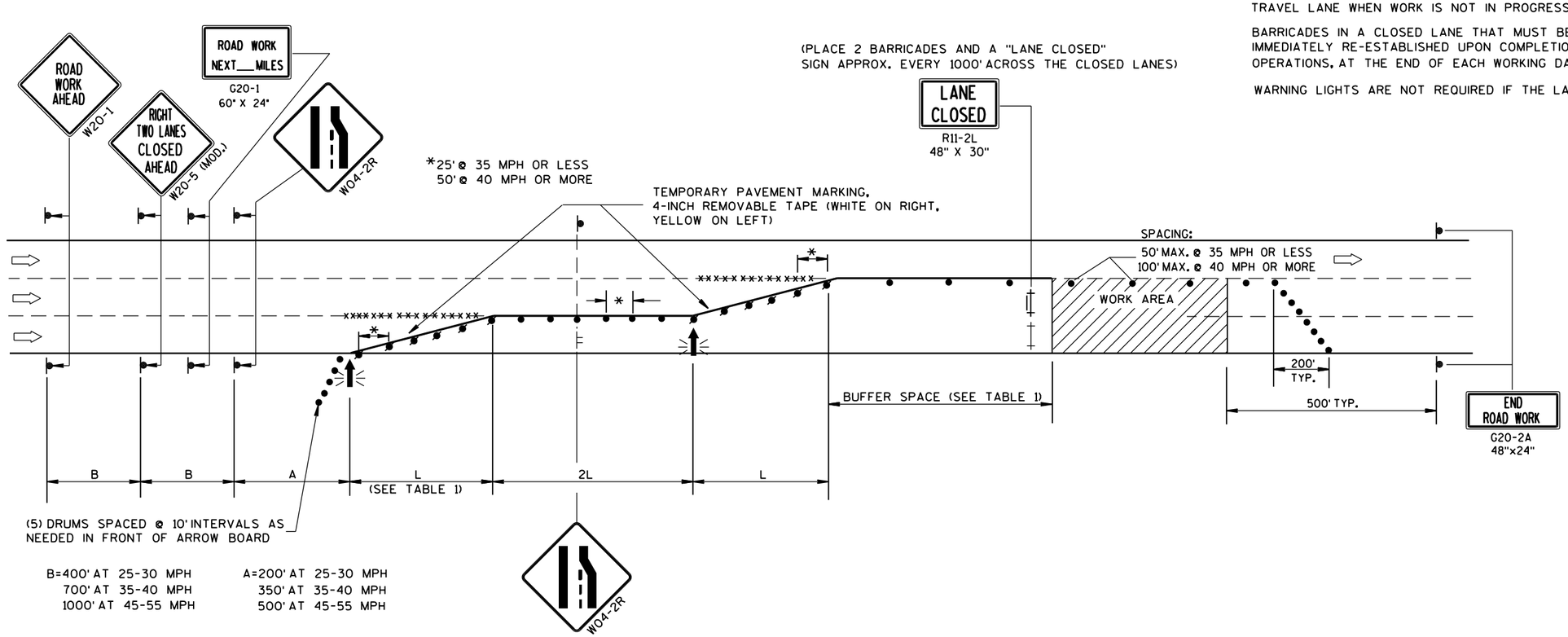
CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROWBOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROWBOARDS AND LANE CLOSURE DRUMS.

WHERE THE SHOULDER OR TERRACE HAS INSUFFICIENT SPACE TO LOCATE THE ARROWBOARD AS SHOWN, PLACE THE ARROWBOARD IN THE LANE CLOSURE TAPER AS CLOSE AS POSSIBLE TO THE BEGINNING OF THE TAPER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

BARRICADES IN A CLOSED LANE 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.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.



B=400' AT 25-30 MPH
700' AT 35-40 MPH
1000' AT 45-55 MPH

A=200' AT 25-30 MPH
350' AT 35-40 MPH
500' AT 45-55 MPH

TRAFFIC CONTROL, TWO LANE CLOSURE, NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/2013 DATE

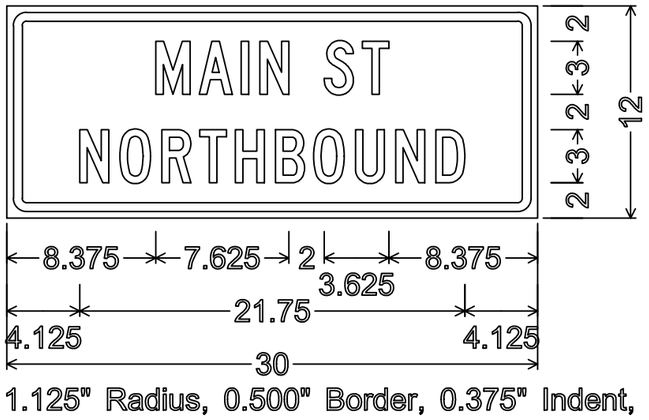
/S/ Travis Feltes
STATE TRAFFIC ENGINEER

FHWA

SIGN

S.D.D. 15 D 22-2

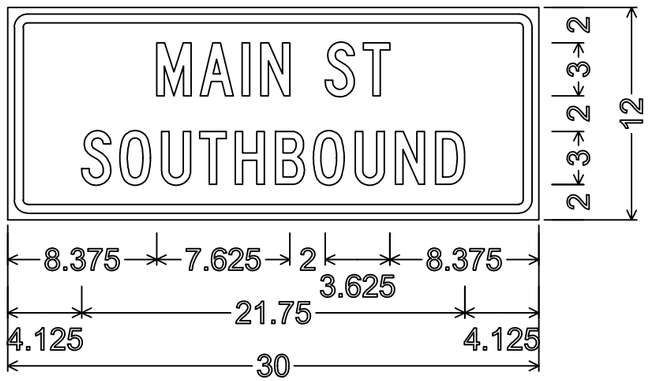
S.D.D. 15 D 22-2



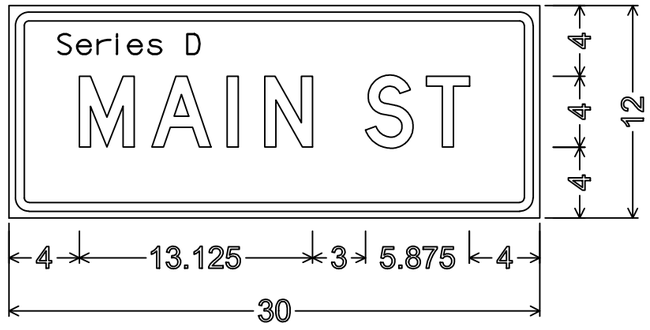
1.125" Radius, 0.500" Border, 0.375" Indent,

NOTES

1. All Signs Type II - Type F Reflective
2. Color:
   Background - ORANGE
   Message - BLACK
3. Message Series - C except as Shown



1.125" Radius, 0.500" Border, 0.375" Indent,

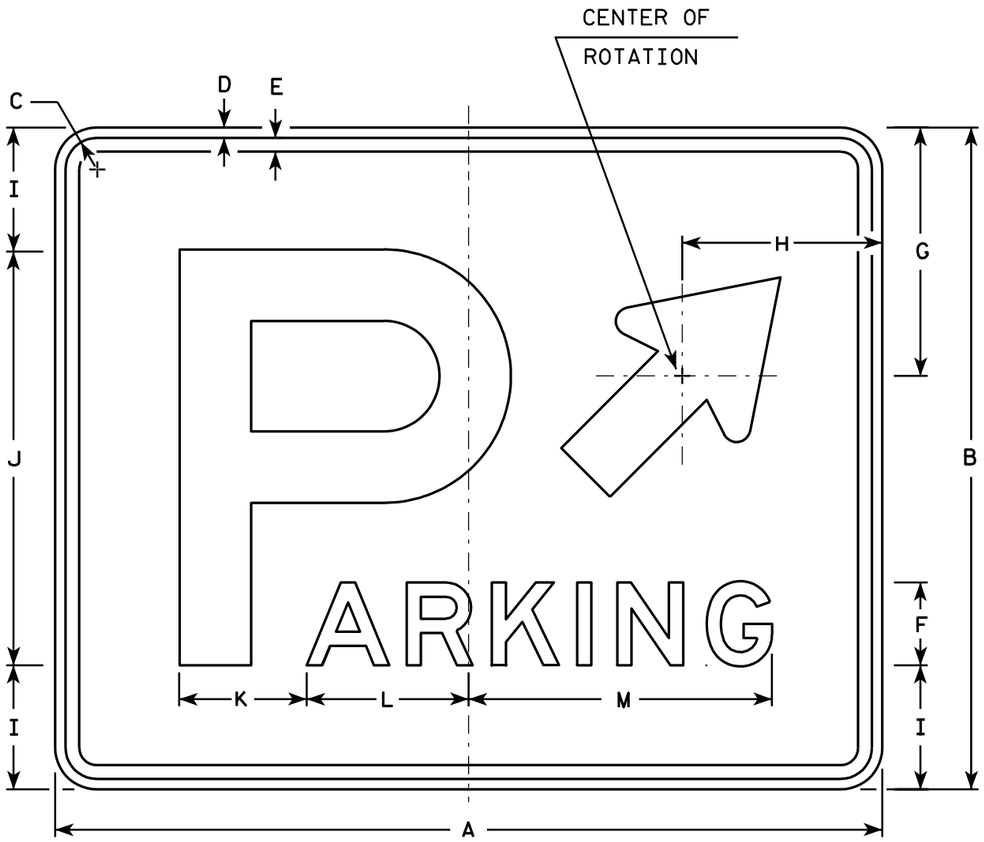


1.125" Radius, 0.500" Border, 0.375" Indent,

7

7

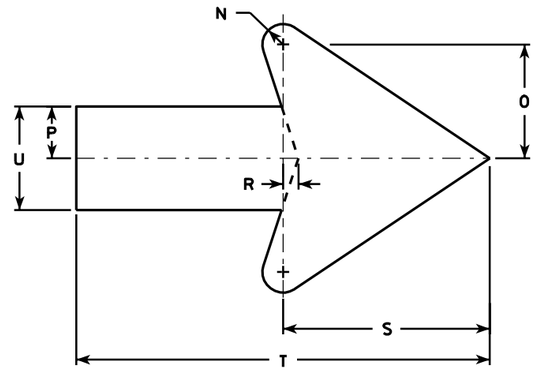
PROJECT NO:5990-01-20	HWY:MAIN STREET	COUNTY:ROCK	TRAFFIC CONTROL SIGN PLATES	SHEET 188	E



D4-1

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 - Green
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. Arrow shall be rotated as required.



Arrow Detail

Metric equivalent for this sign is:

SIZE	
1	450 mm X 375 mm
2	750 mm X 600 mm
3	1200 mm X 900 mm
4	
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.	Area m2
1	18	15	1 1/8	3/8	3/8	2	7	4 3/8	2 1/2	10	3 1/8	4	7 1/4	3/8	1 5/8	3/4		1/4	3	6	1 1/2						1.88	0.17
2	30	24	1 1/8	3/8	1/2	3	9	7 1/4	4 1/2	15	4 5/8	5 7/8	11	1/2	2 3/4	1 1/4		3/8	5	10	2 1/2						5.0	0.45
3	48	36	1 3/8	1/2	5/8	5	11	12	5 1/2	25	7 3/4	9 3/4	18 1/4	3/4	3 7/8	1 7/8		5/8	7 1/2	15	3 3/4						12.0	1.08
4																												
5																												

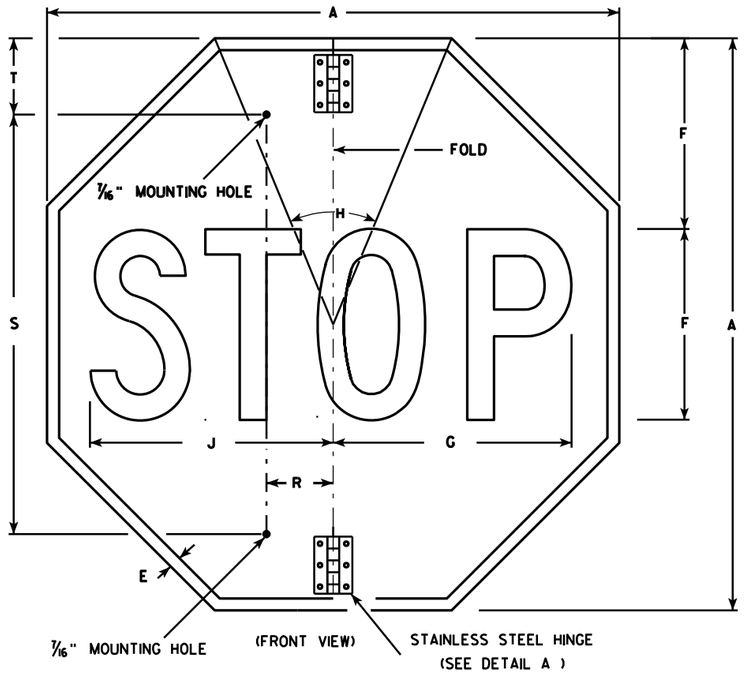
STANDARD SIGN
D4-1

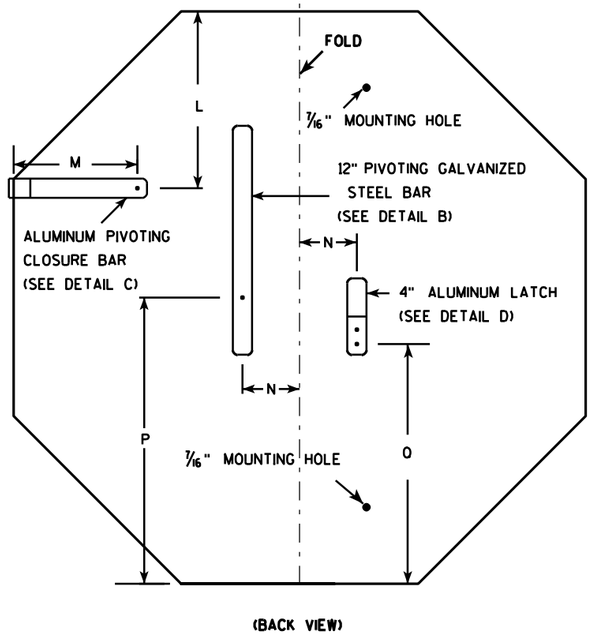
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/01/06 PLATE NO. D4-1.8

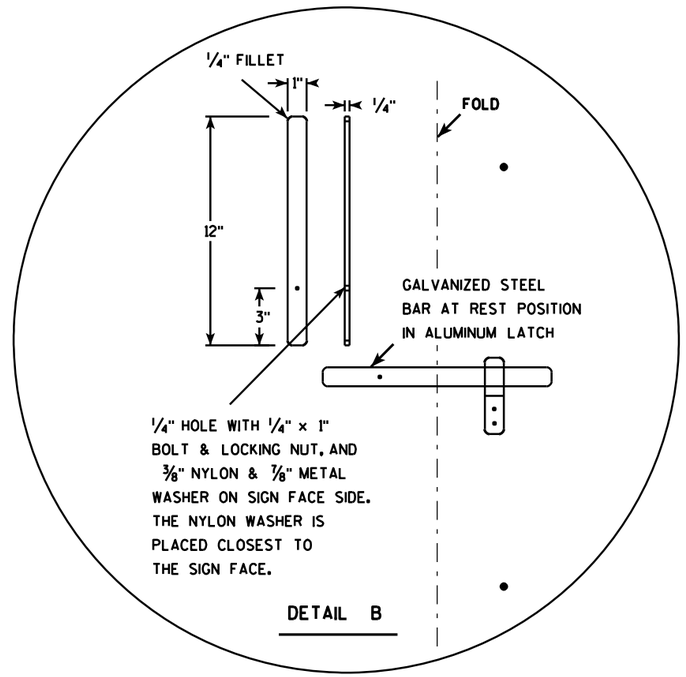
PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PERMANENT SIGNING	SHEET NO: 189	E

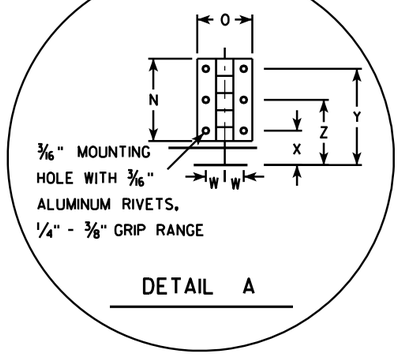


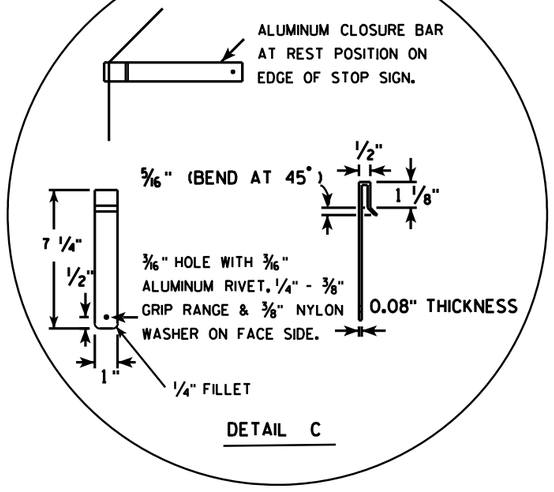


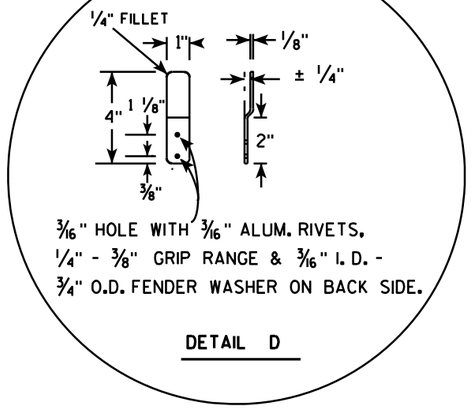
NOTES

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
4. All hardware used on the folding STOP sign installation shall conform to 637.2.4 of the WIS DOT Standard Specification.









SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30				5/8	10	12 1/2	45		12 3/4		9 1/4	6 1/2	3	2	15	12 3/8	2 1/2	22	5			11/16	1 1/4	3 1/2	2 3/8	5.18
2M	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
3	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
4																											
5																											

STANDARD SIGN
R1-1F

WISCONSIN DEPT OF TRANSPORTATION

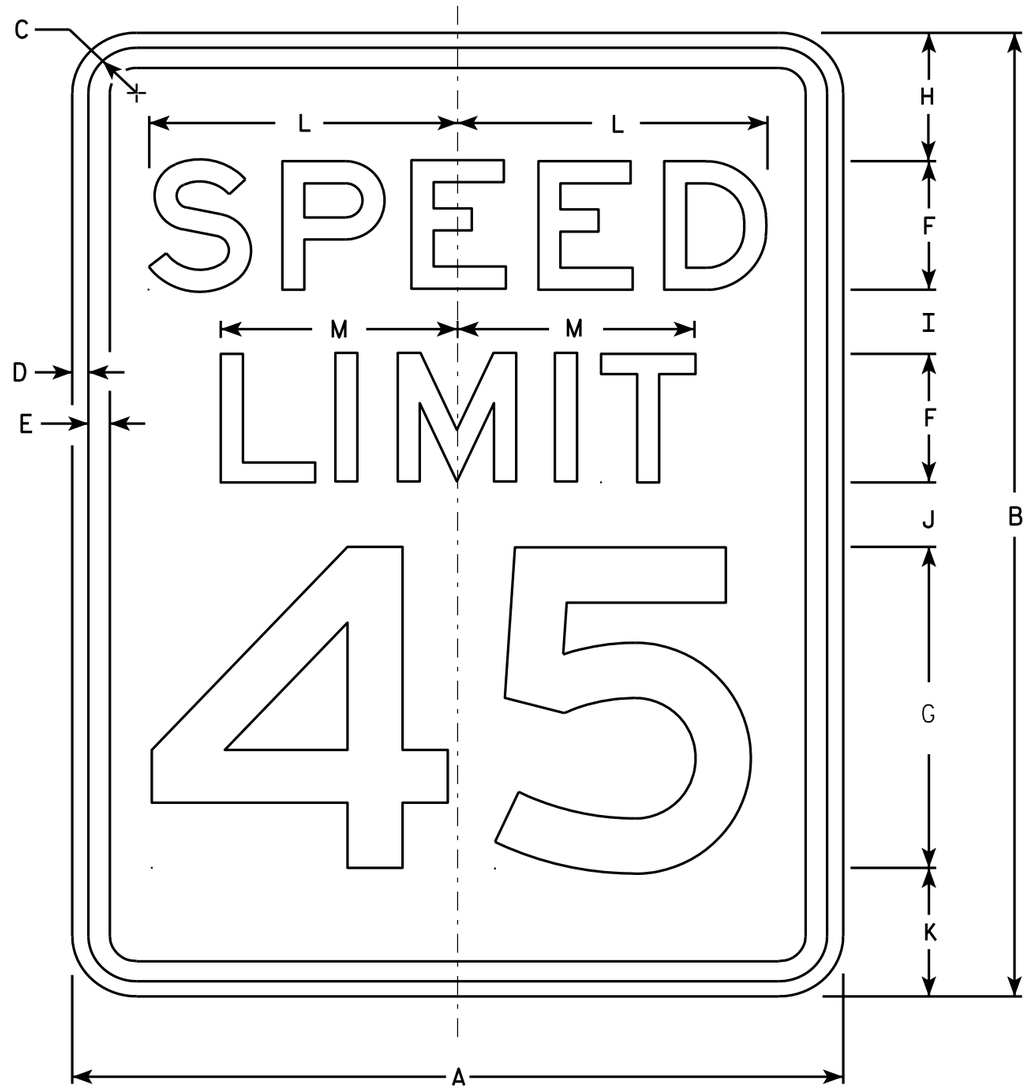
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1F.3

PROJECT NO: 5990-01-20 | HWY: MAIN STREET | COUNTY: ROCK | PERMANENT SIGNING | SHEET NO: 190 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R11F.DGN PLOT DATE : 02-DEC-2010 15:26 PLOT BY : dotsja PLOT NAME : PLOT SCALE : 7.945391:1.000000

WISDOT/CADDS SHEET 42



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

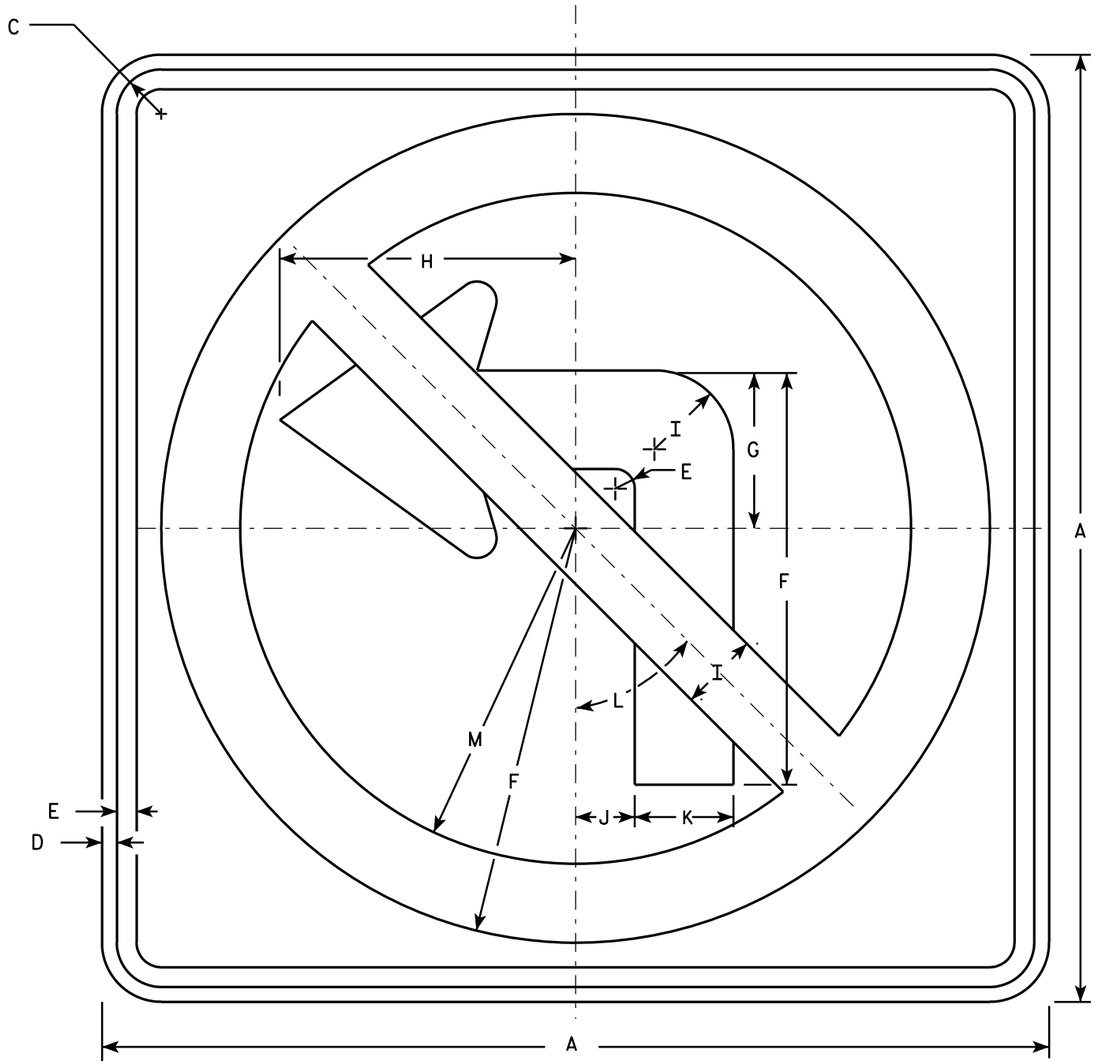
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PERMANENT SIGNING	SHEET NO: 191	E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R21.DGN PLOT DATE : 28-MAY-2010 08:32 PLOT BY : ditjph PLOT NAME : PLOT SCALE : 4.717577:1.000000

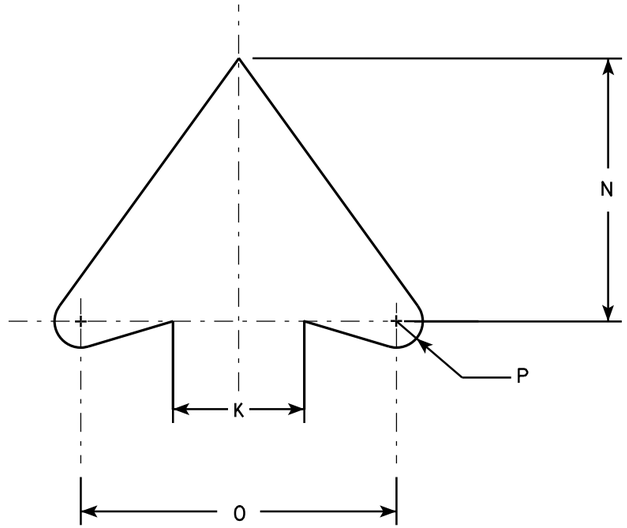
7



R3-2

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. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2S	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2M	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
3	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
4	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1											16.0

STANDARD SIGN
R3-2

WISCONSIN DEPT OF TRANSPORTATION

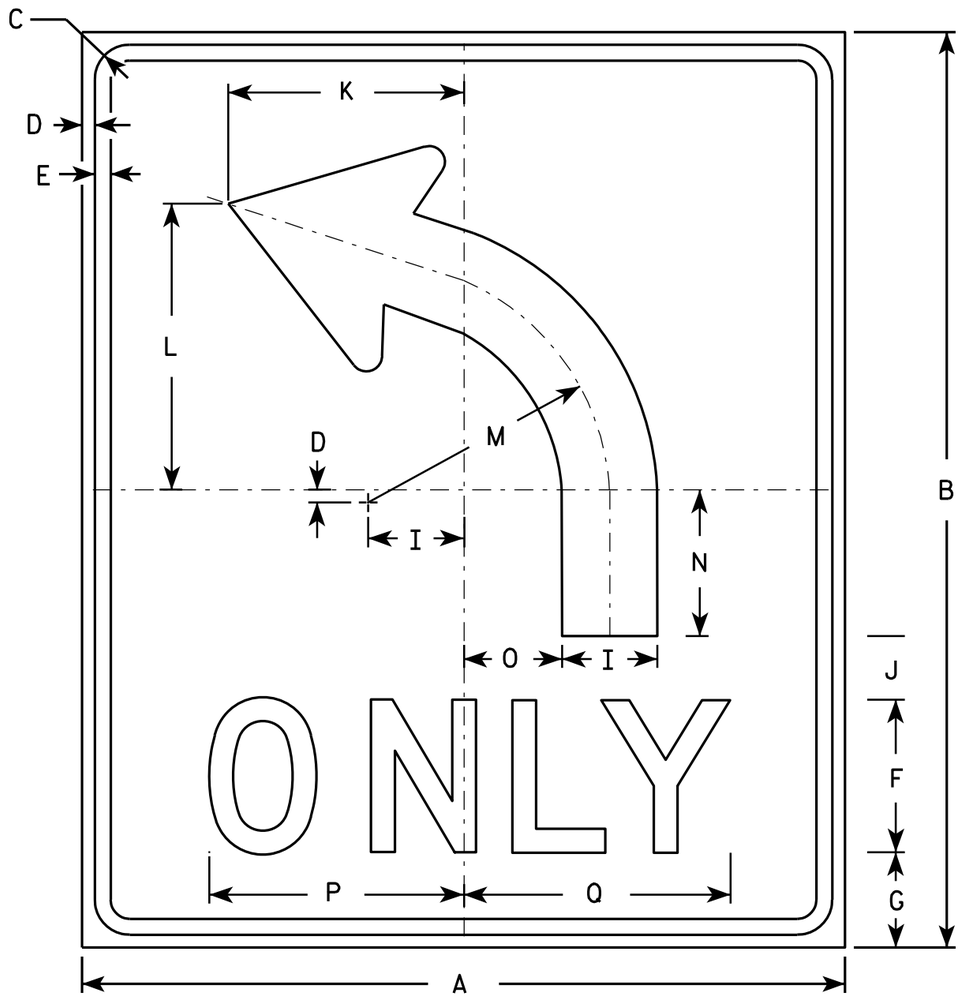
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/08/10 PLATE NO. R3-2.10

PROJECT NO: 5990-01-20 | HWY: MAIN STREET | COUNTY: ROCK | PERMANENT SIGNING | SHEET NO: 192 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R32.DGN PLOT DATE : 08-DEC-2010 14:41 PLOT BY : dotsja PLOT NAME : PLOT SCALE : 5.760408:1.000000

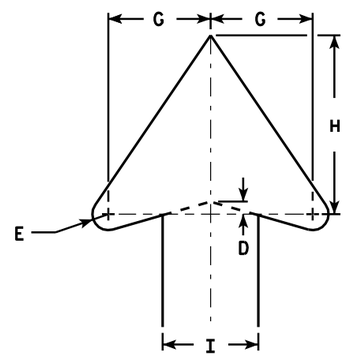
WISDOT/CADDS SHEET 42



R3-50L

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.
5. R3-50R is the same as R3-50L except curved portion of arrow points right.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 3/8	1/2	5/8	6	4	7	3 3/4	2 1/2	9 1/4	11 1/4	9 1/2	5 3/4	3 7/8	10	10 1/2										7.5
2M	30	36	1 3/8	1/2	5/8	6	4	7	3 3/4	2 1/2	9 1/4	11 1/4	9 1/2	5 3/4	3 7/8	10	10 1/2										7.5
3																											
4																											
5																											

STANDARD SIGN
R3-50

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/24/2011 PLATE NO. R3-50.2

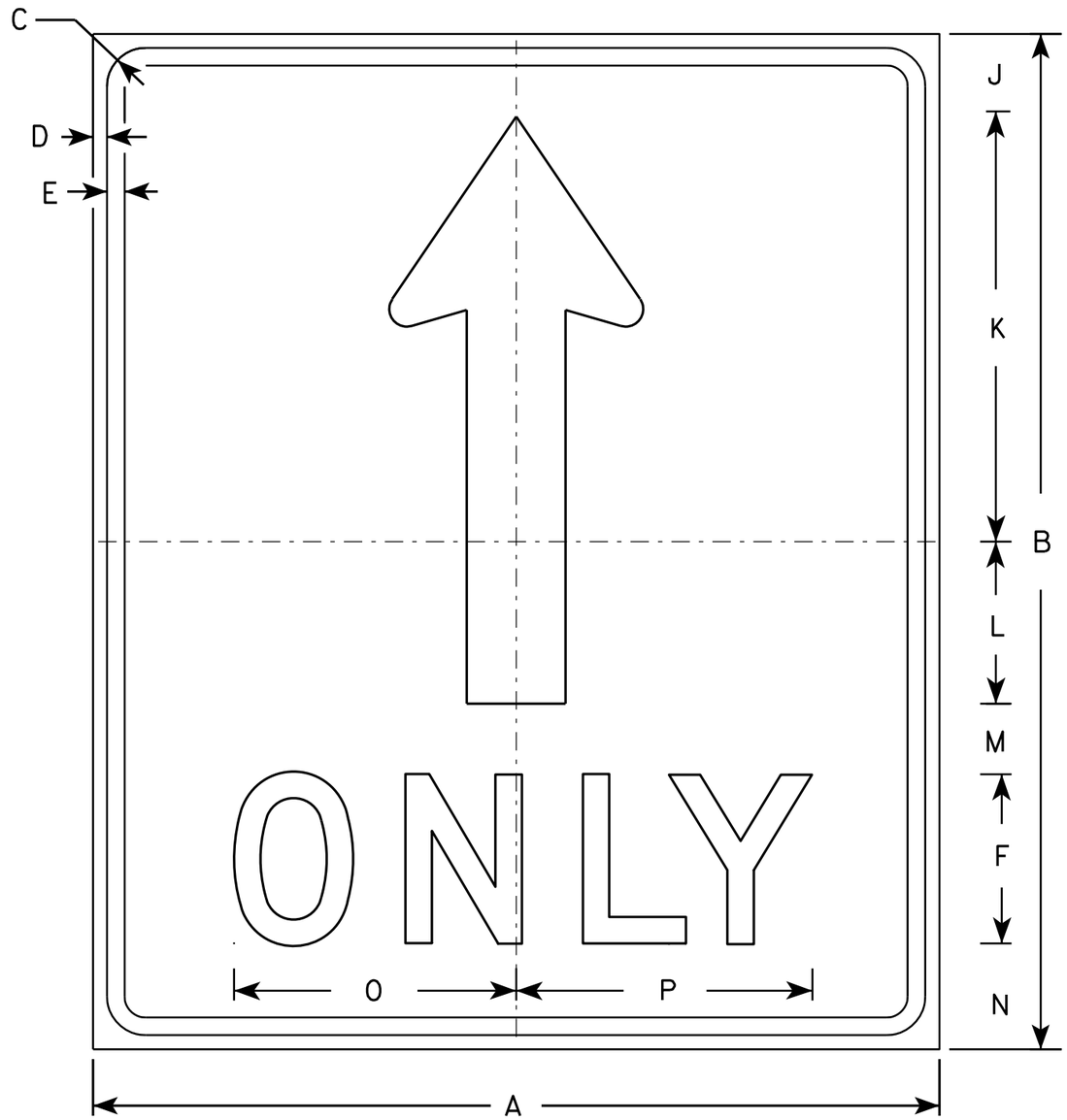
PROJECT NO: 5990-01-20 | HWY: MAIN STREET | COUNTY: ROCK | PERMANENT SIGNING | SHEET NO: 193 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R350.DGN PLOT DATE : 24-MAR-2011 13:40 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 5.959043:1.000000

WISDOT/CADDS SHEET 42

7

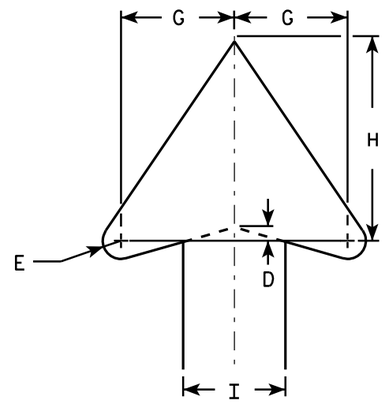
7



R3-50A

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.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 3/8	1/2	5/8	6	4	7	3 1/2	2 3/4	15 1/4	5 3/4	2 1/2	3 3/4	10	10 1/2											7.5
2M	30	36	1 3/8	1/2	5/8	6	4	7	3 1/2	2 3/4	15 1/4	5 3/4	2 1/2	3 3/4	10	10 1/2											7.5
3																											
4																											
5																											

STANDARD SIGN
R3-50A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/24/2011 PLATE NO. R3-50A.3

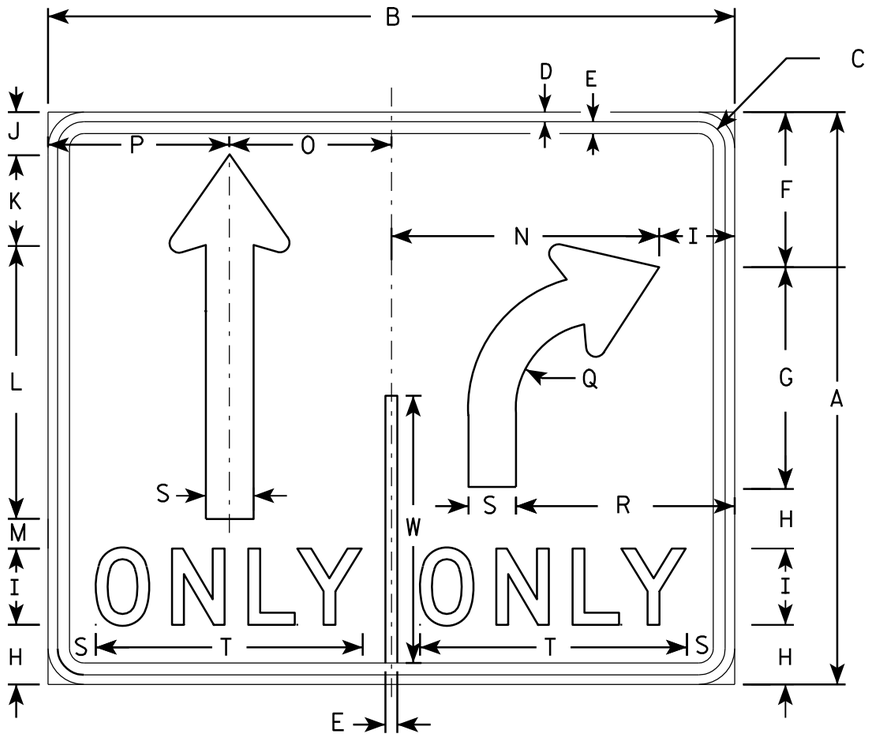
PROJECT NO: 5990-01-20 | HWY: MAIN STREET | COUNTY: ROCK | PERMANENT SIGNING | SHEET NO: 194 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R350A.DGN PLOT DATE : 24-MAR-2011 14:22 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 5.214163:1.000000

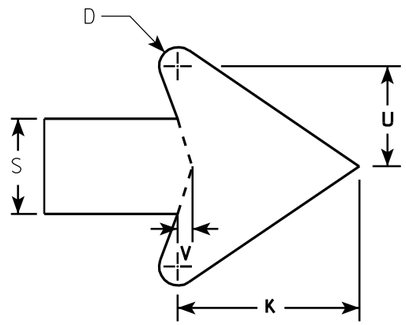
WISDOT/CADDS SHEET 42

7

7



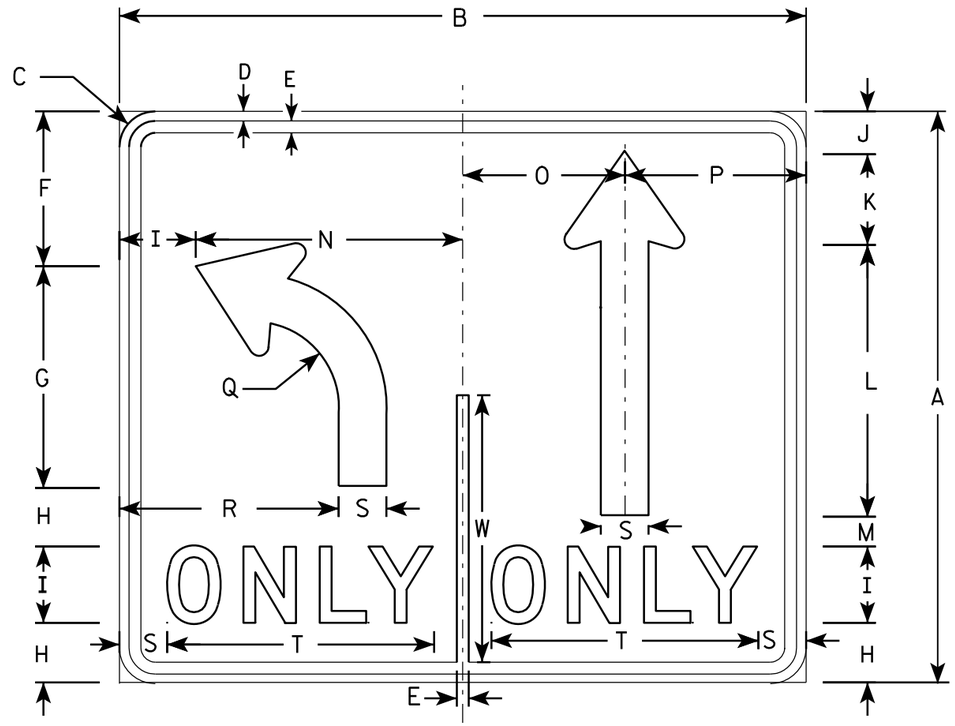
R3-8D



ARROW DETAIL

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.



R3-8E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	2 1/4	4 3/4	14 1/4	1 5/8	14	8 1/2	9 1/2	4 1/2	11 1/2	2 1/2	14	2 5/8	3/8	14				7.5
2M	30	36	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	2 1/4	4 3/4	14 1/4	1 5/8	14	8 1/2	9 1/2	4 1/2	11 1/2	2 1/2	14	2 5/8	3/8	14				7.5
3																											
4	48	54	2 1/4	3/4	1	13 1/4	18 1/2	5 1/8	6	3 1/2	7 1/8	21 1/2	4 3/4	21	12 3/4	14 1/4	7 1/4	17 1/8	3 3/4	20 5/8	4	5/8	22 3/8				18.0
5	48	54	2 1/4	3/4	1	13 1/4	18 1/2	5 1/8	6	3 1/2	7 1/8	21 1/2	4 3/4	21	12 3/4	14 1/4	7 1/4	17 1/8	3 3/4	20 5/8	4	5/8	22 3/8				18.0

STANDARD SIGN
R3-8D & R3-8E

WISCONSIN DEPT OF TRANSPORTATION

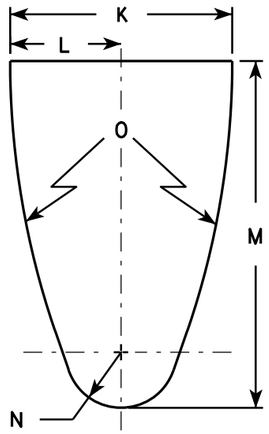
APPROVED Matthew R Rauch
for State Traffic Engineer

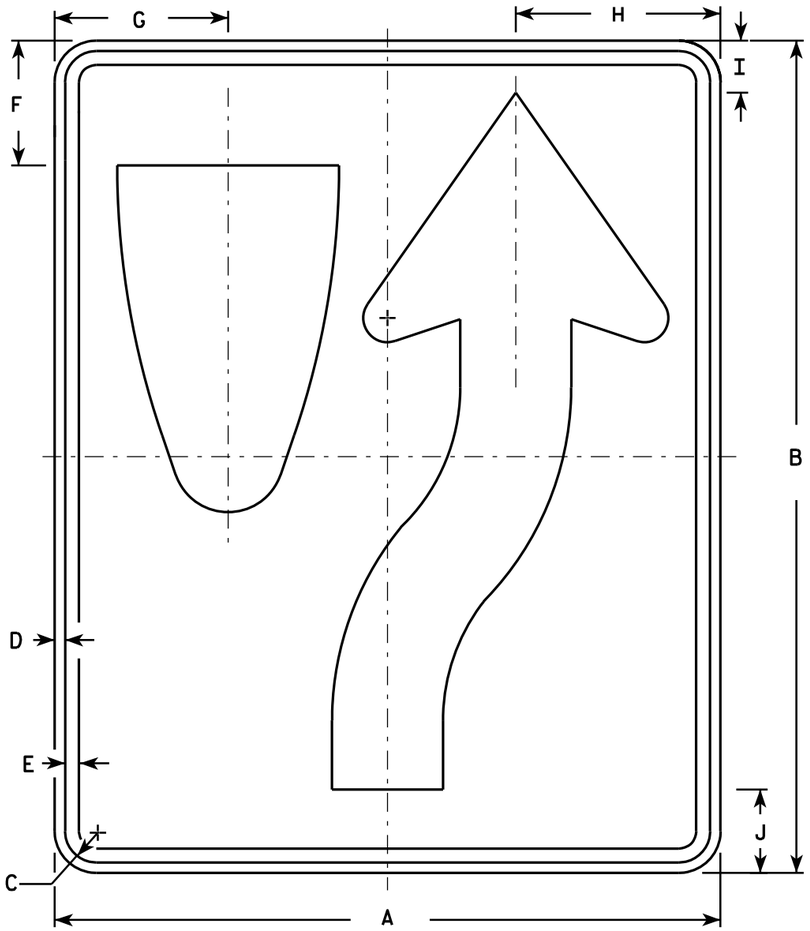
DATE 3/18/2011 PLATE NO. R3-8D.2

PROJECT NO: 5990-01-20 | HWY: MAIN STREET | COUNTY: ROCK | PERMANENT SIGNING | SHEET NO: 195 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R38D.DGN PLOT DATE : 18-MAR-2011 12:47 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 7.945391:1.000000

WISDOT/CADDS SHEET 42

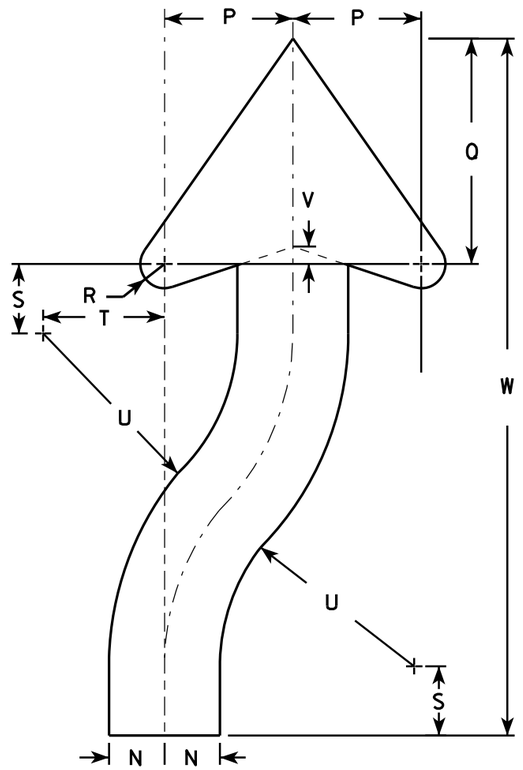




R4-7

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. material is plywood but borders shall be rounded
2. Color:
   Background - White
   Message - Black
3. Corners may be square or rounded when base as shown. When base material is metal, the corners and borders shall be rounded.
4. R4-8 is the same as R4-7 except Legend is reversed.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	2 1/4	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

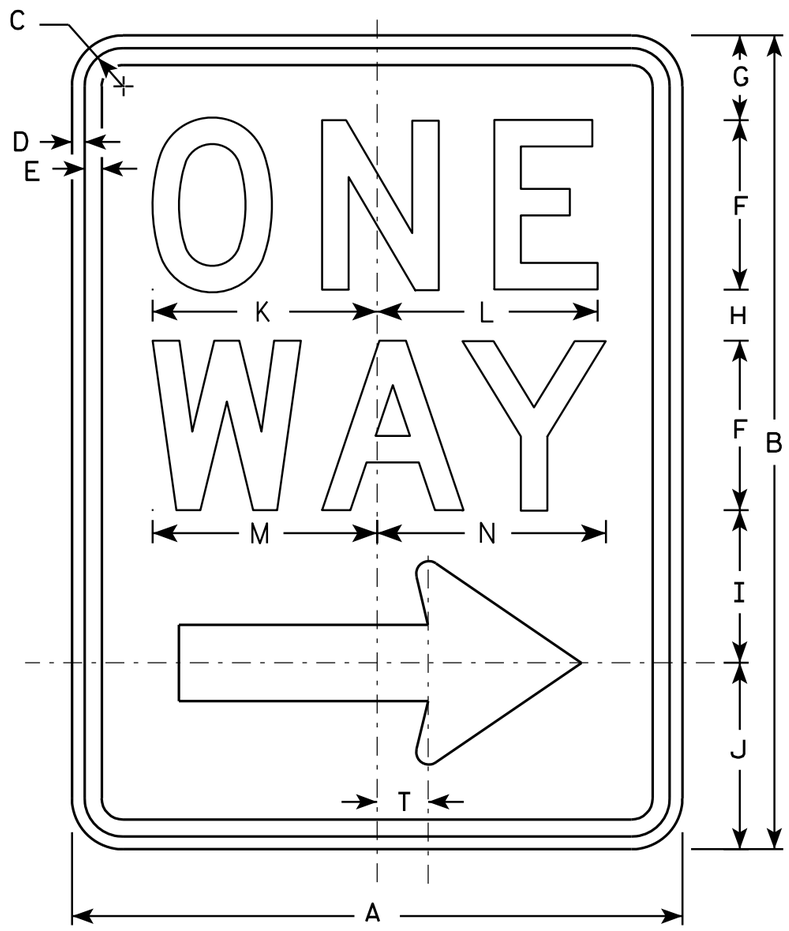
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-7.8

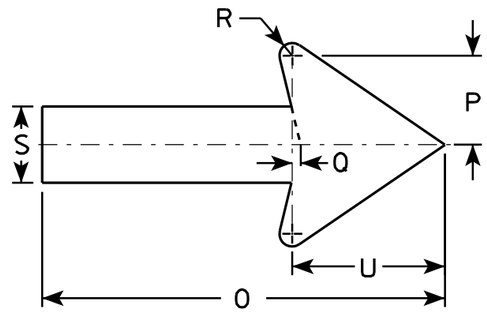
PROJECT NO: 5990-01-20 | HWY: MAIN STREET | COUNTY: ROCK | PERMANENT SIGNING | SHEET NO: 196 | E



R6-2R

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.
5. R6-2L same as R6-2R except arrow points to the left.



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
1	18	24	1 1/8	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	30	1 1/8	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 3/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
5																										

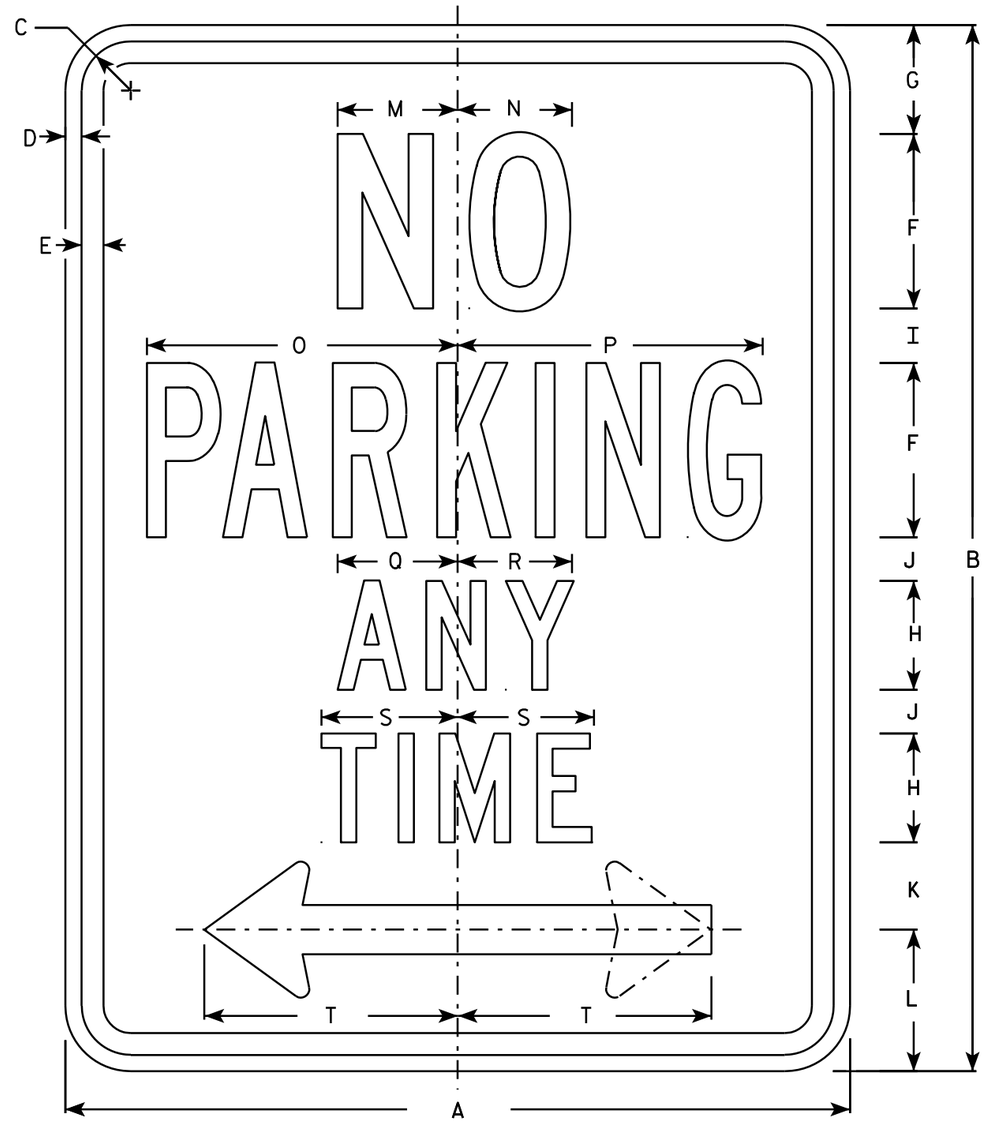
STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

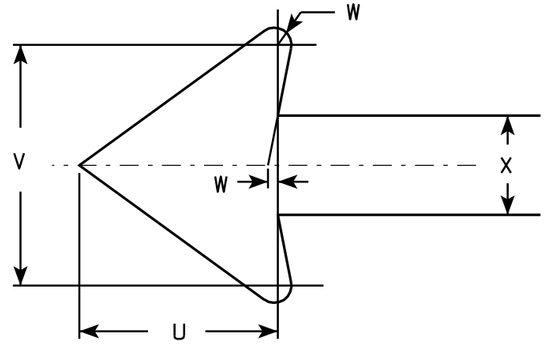
PROJECT NO: 5990-01-20 | HWY: MAIN STREET | COUNTY: ROCK | PERMANENT SIGNING | SHEET NO: 197 | E



R7-1

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 - Red
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, 3 and 4 are series C, line 2 is series B.
6. R7-1D (double arrow)
   R7-1L (left arrow)
   R7-1R (right arrow)



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	2 1/4	2 1/8	2 1/2	3 7/8	1 1/2	1 3/4	1/8	3/4			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	2 3/4	2 5/8	3 1/8	5 7/8	2 1/4	2 5/8	1/4	1 1/8			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	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			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	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
4																											
5																											

STANDARD SIGN
R7-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R7-1.9

PROJECT NO: 5990-01-20 | HWY: MAIN STREET | COUNTY: ROCK | PERMANENT SIGNING | SHEET NO: 198 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R71.DGN PLOT DATE : 31-MAR-2011 09:20 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 3.476110:1.000000

WISDOT/CADDS SHEET 42

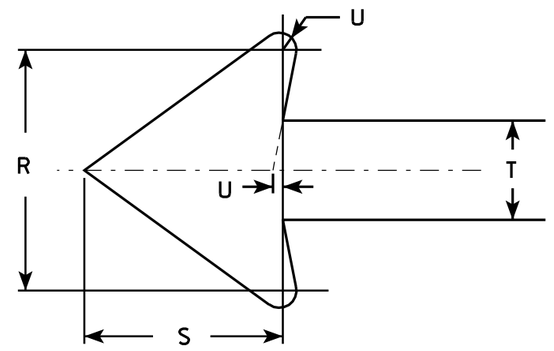


R7-2

*- See Note 5

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 7
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 as required & adjust spacing to achieve proper balance.
6. R7-2D (double arrow)
   R7-2L (left arrow)
   R7-2R (right arrow)
7. Lines 1, 3 and 4 are series C, line 2 is series B.



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	1 1/2	7/8	7/8	2	2 1/2	2	2	4 7/8	4 7/8	3 7/8	1 3/4	1 1/2	3/4	1/8						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 7/8	2 5/8	2 1/4	1 1/8	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 3/4	3 1/2	3	1 1/2	1/4						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 3/4	3 1/2	3	1 1/2	1/4						5.0
4																											
5																											

STANDARD SIGN
R7-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R7-2.9

PROJECT NO: 5990-01-20 | HWY: MAIN STREET | COUNTY: ROCK | PERMANENT SIGNING | SHEET NO: 199 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R72.DGN PLOT DATE : 31-MAR-2011 09:29 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 3.476110:1.000000

WISDOT/CADDS SHEET 42

7

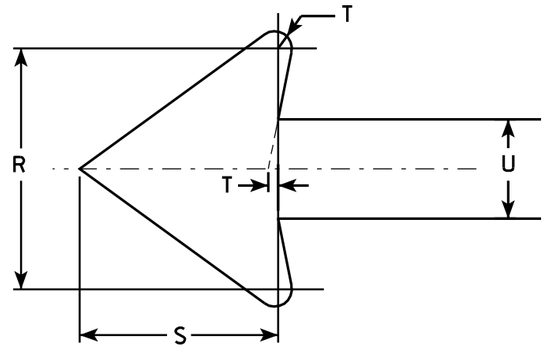
7



R7-5

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 - Green
3. Message Series - See Note 7
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 as required & adjust spacing to achieve proper balance.
6. R7-5D (double arrow)
   R7-5L (left arrow)
   R7-5R (right arrow)
7. Lines 1, 2 & 3 are series C Copy
   Line 4 Series B Copy.



* - 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	12	18	1 1/8	3/8	3/8	2	2	2 1/4	1 1/4	4	2 1/2	2 1/8	2	2 7/8	4 5/8	4 1/2	3 7/8	1 3/4	1 1/2	1/8	3/4						1.5
2S	18	24	1 1/8	3/8	1/2	3	3	2 5/8	1 1/4	5 5/8	3 1/4	3 1/8	3 1/8	4 1/4	6 7/8	6 3/4	5 7/8	2 5/8	2 1/4	1/4	1 1/8						3.0
2M	24	30	1 1/8	3/8	1/2	4	3	3	2	6	3 1/2	4 1/4	4 1/8	5 3/4	9 1/8	9 1/8	7 3/4	3 1/2	3	1/4	1 1/2						5.0
3	24	30	1 1/8	3/8	1/2	4	3	3	2	6	3 1/2	4 1/4	4 1/8	5 3/4	9 1/8	9 1/8	7 3/4	3 1/2	3	1/4	1 1/2						5.0
4																											
5																											

STANDARD SIGN
R7-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/31/2011 PLATE NO. R7-5.8

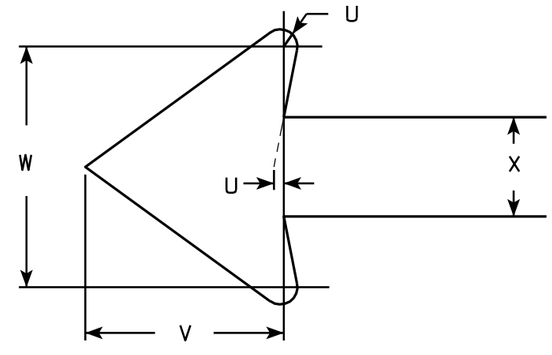
PROJECT NO: 5990-01-20 | HWY: MAIN STREET | COUNTY: ROCK | PERMANENT SIGNING | SHEET NO: 200 | E



R7-52

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 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, 3 and 4 are series C, line 2 is series B.
6. R7-52D (double arrow)
   R7-52L (left arrow)
   R7-52R (right arrow)



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	1 1/2	7/8	7/8	2	2 1/2	2	2	4 7/8	4 7/8	5 1/8	5	3 1/8	3 7/8	1/8	1 1/2	1 3/4	3/4			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	6 3/8	6 1/4	3 7/8	5 7/8	1/4	2 1/4	2 5/8	1 1/8			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 5/8	7 5/8	4 3/4	7 3/4	1/4	3	3 1/2	1 1/2			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 5/8	7 5/8	4 3/4	7 3/4	1/4	3	3 1/2	1 1/2			5.0
4																											
5																											

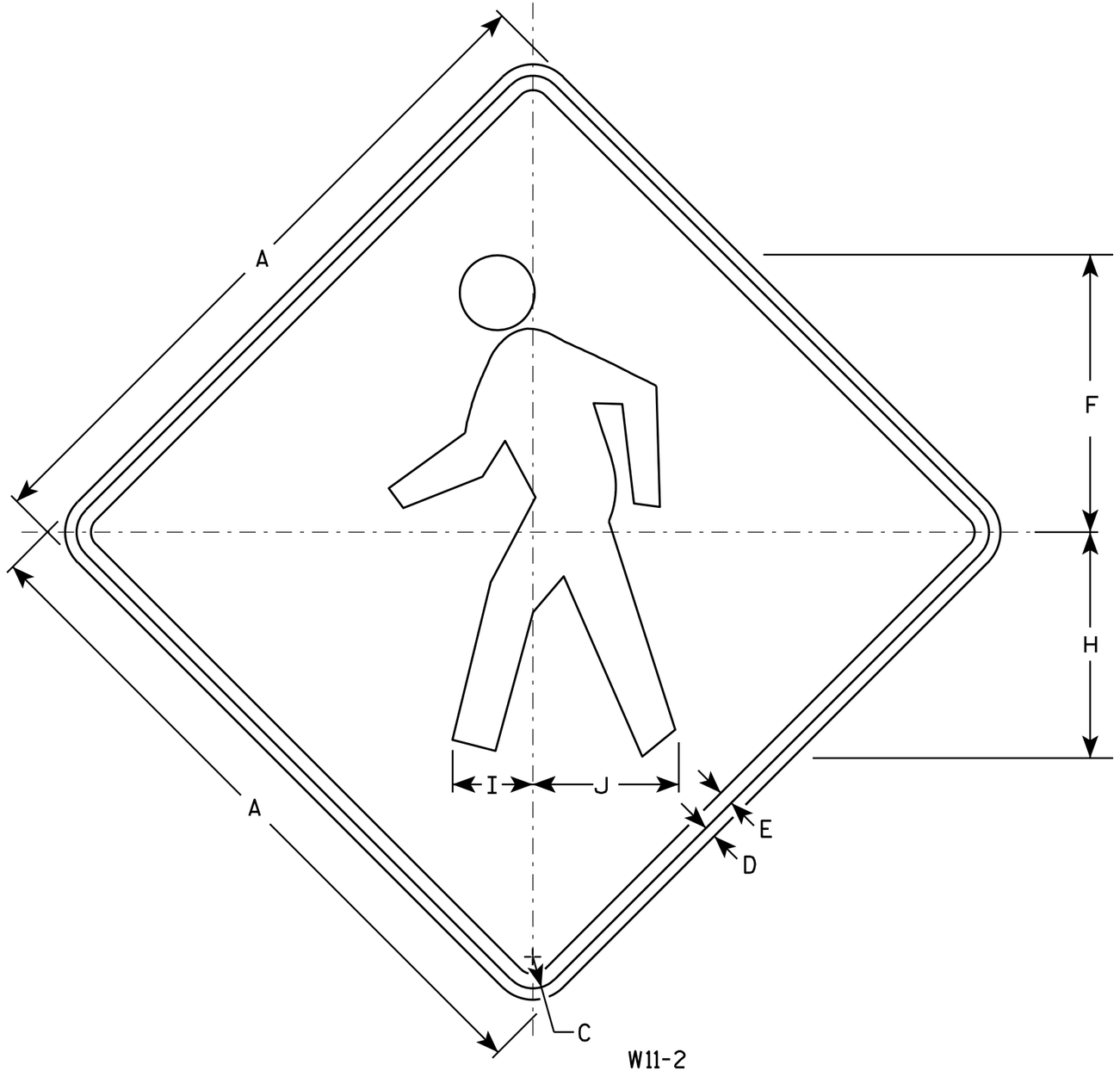
STANDARD SIGN
R7-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R7-52.6

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	PERMANENT SIGNING	SHEET NO: 201	E



W11-2

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
   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	24		1 1/8	3/8	1/2	9 3/4		7 7/8	2 7/8	5 1/8																	4.0
2S	30		1 3/8	1/2	5/8	12 1/8		9 7/8	3 1/2	6 3/8																	6.25
2M	36		1 5/8	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
3	36		1 5/8	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
4	48		2 1/4	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
5																											

STANDARD SIGN
W11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W11-2.7

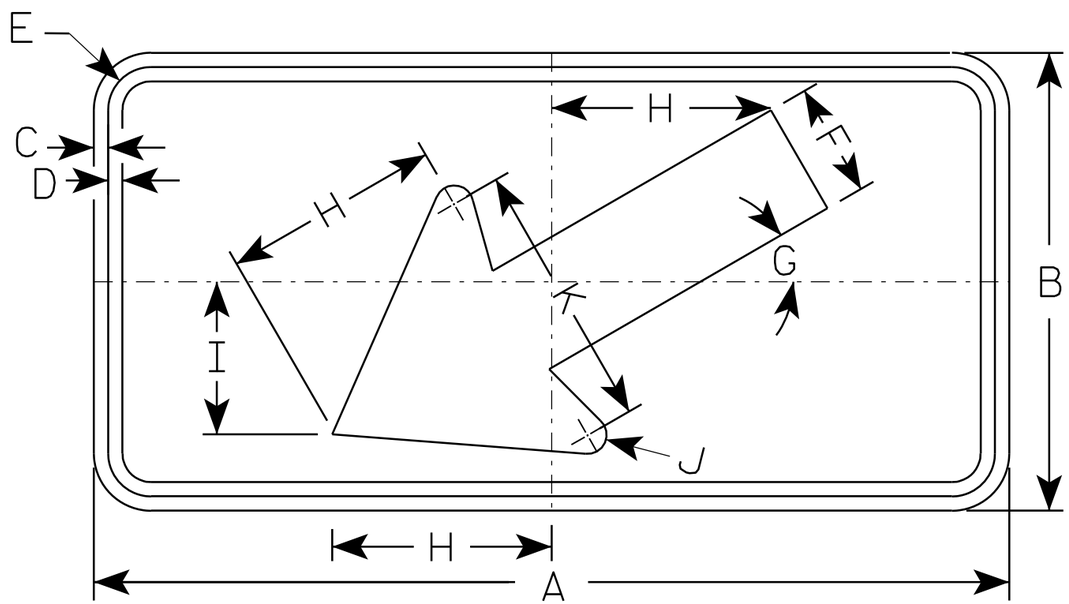
PROJECT NO: 5990-01-20 | HWY: MAIN STREET | COUNTY: ROCK | PERMANENT SIGNING | SHEET NO: 202 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W112.DGN PLOT DATE : 07-JUN-2010 13:29 PLOT BY : ditjph PLOT NAME : PLOT SCALE : 5.700818:1.000000

WISDOT/CADDS SHEET 42

7

7



W16-7L

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
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W16-7R is the same as W16-L except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	3/8	3/8	1 1/8	3	30°	5 3/4	4	1/2	7																2.0
2M	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
3	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
4																											8
5																											8

STANDARD SIGN
W16-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/02/10 PLATE NO. W16-7.5

PROJECT NO: 5990-01-20 | HWY: MAIN STREET | COUNTY: ROCK | PERMANENT SIGNING | SHEET NO: 203 | E

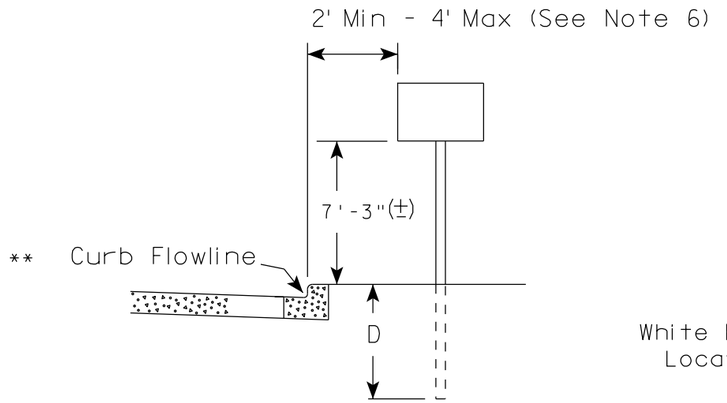
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WISDOT/CADDS SHEET 42

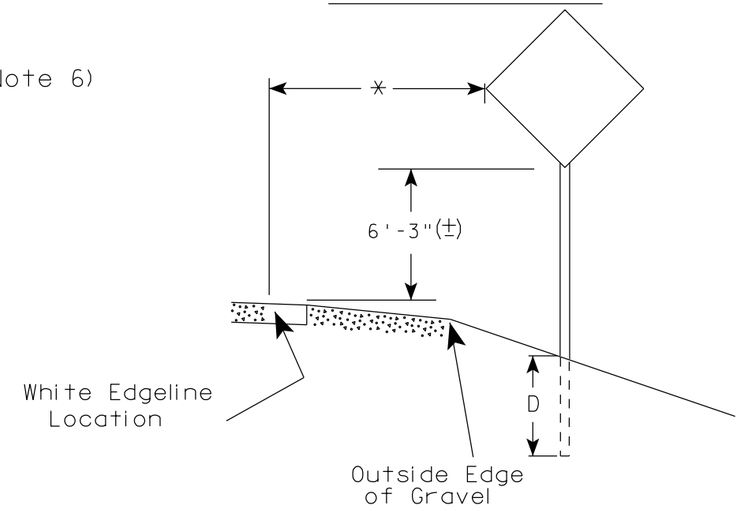
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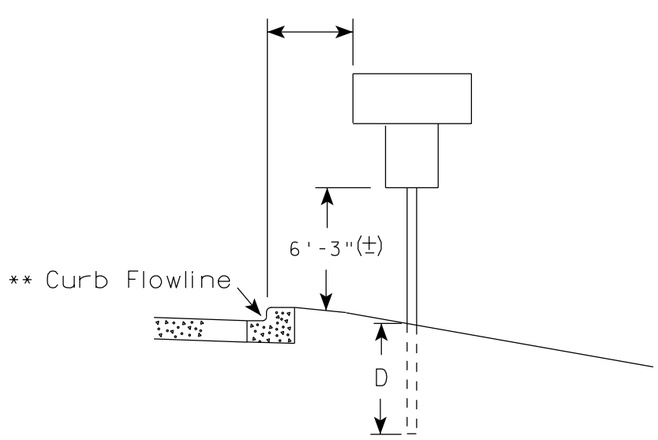
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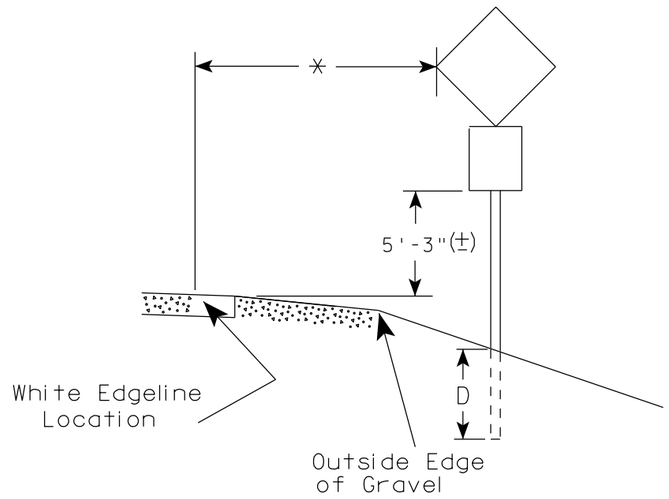
URBAN AREA



RURAL AREA (See Note 2)







GENERAL NOTES

1. Signs wider than 4 feet, 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on barrier wall, see A4-10 sign plate.
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 J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
5. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. The (±) tolerance for mounting height is 3 inches.
8. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.
9. 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), 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" (±).

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

** 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.

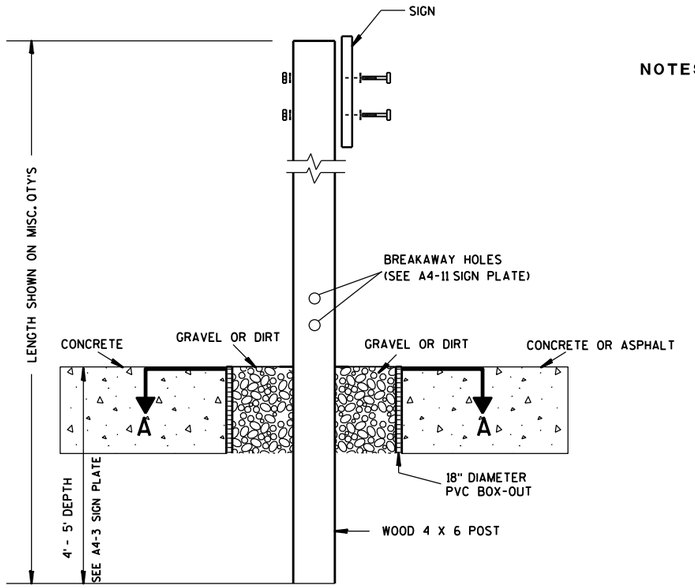
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/14 PLATE NO. A4-3.19

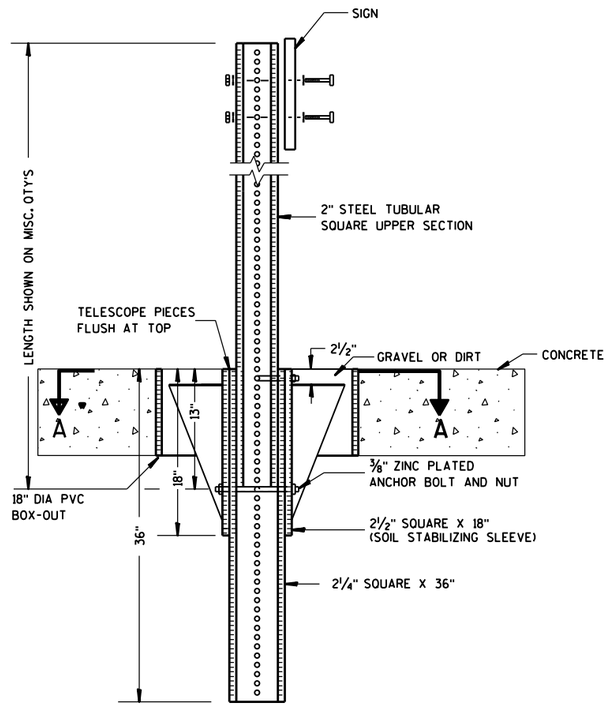
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



ELEVATION VIEW

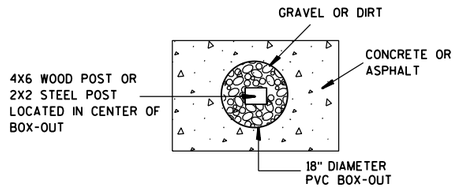
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

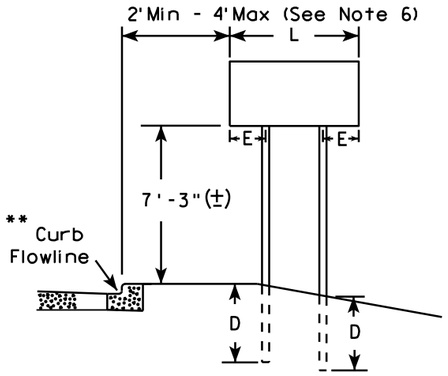
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

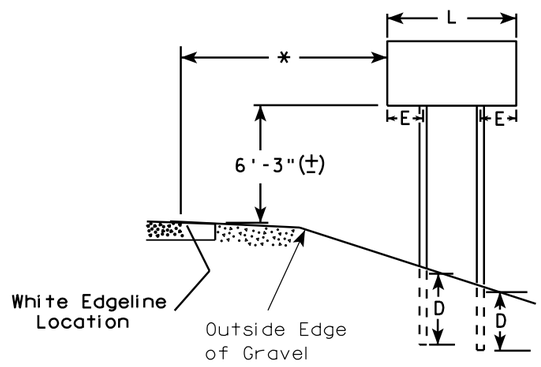
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

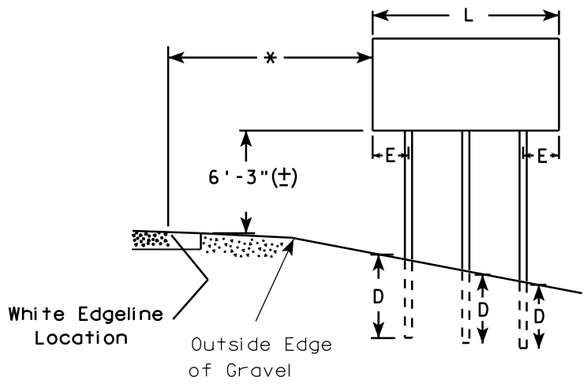
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

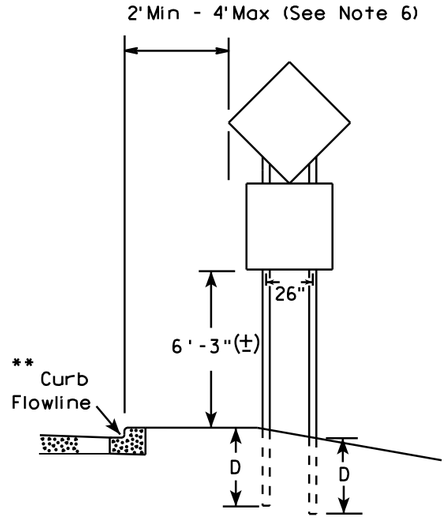
URBAN AREA



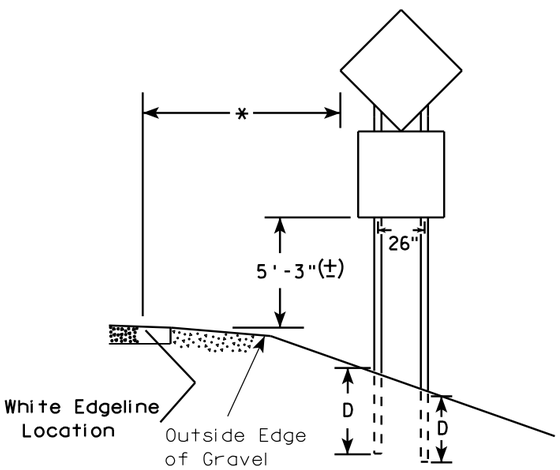
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

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. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
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 or less than 20 S.F. in area.

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
L	E
Greater than 48" Less than 60"	12"
60" to 120"	L/5

***

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 120" less than 168"	12"

SIGN SHAPE OTHER THAN DIAMOND (FOUR POSTS REQUIRED)	
L	E
168" and greater	12"

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

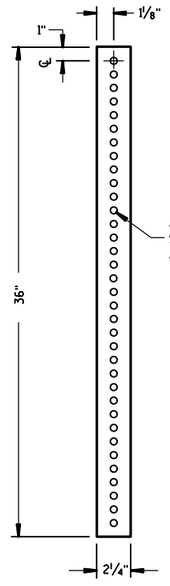
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/14 PLATE NO. A4-4 206 13

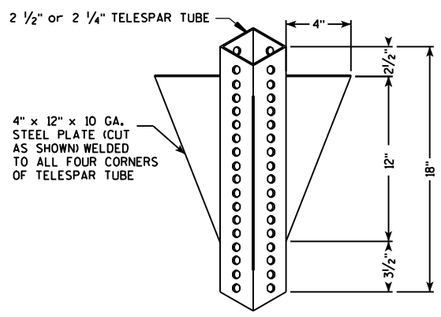
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

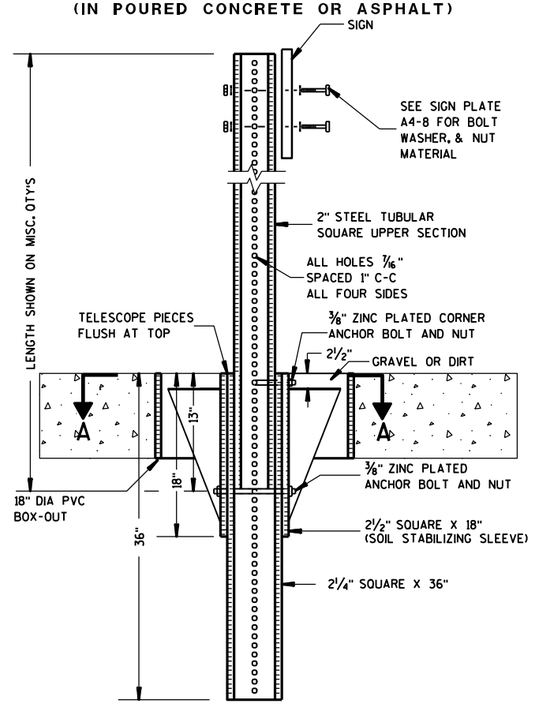
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



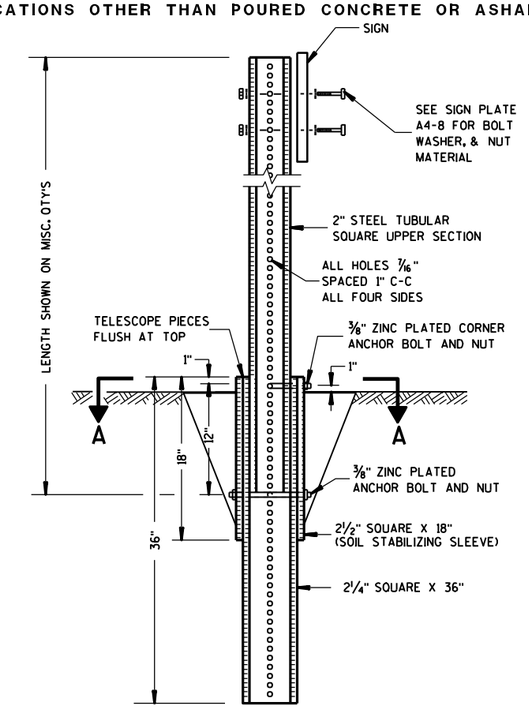
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

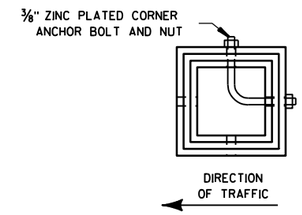


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASHALT)





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).

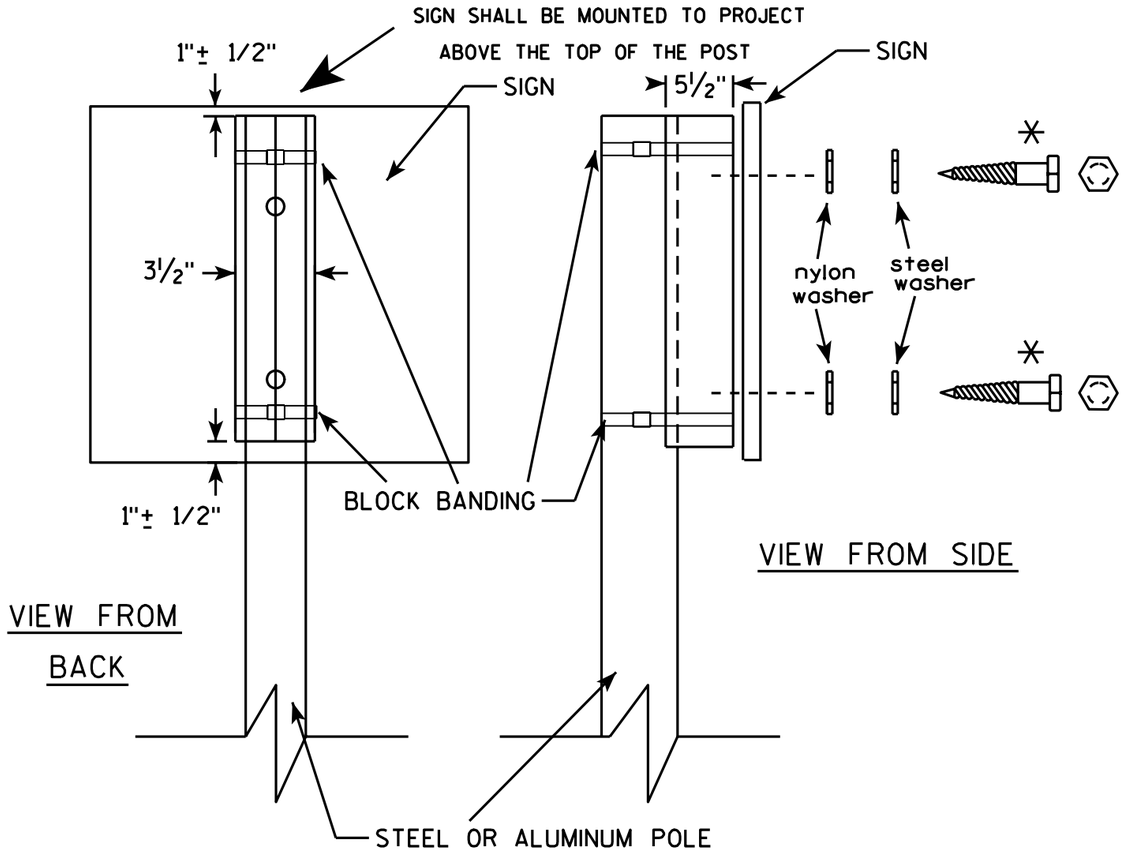
TUBULAR STEEL SIGN POST A4-9

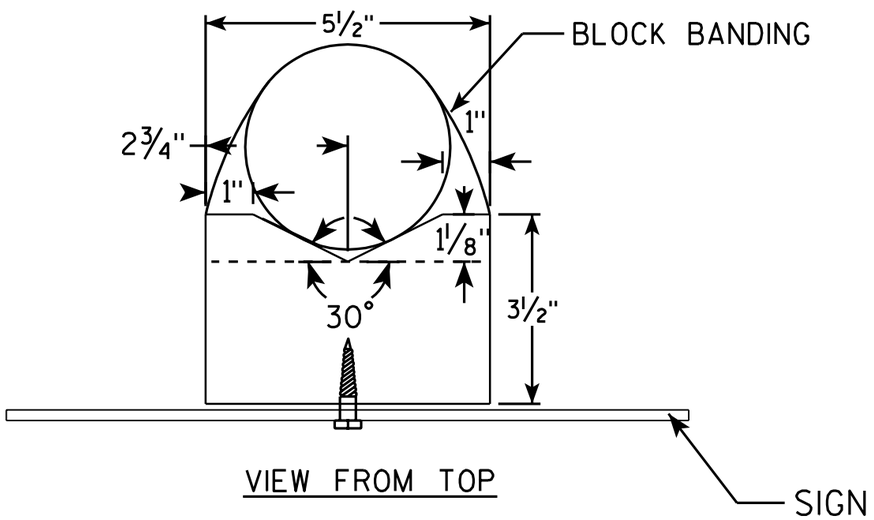
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/30/12 PLATE NO. A4-9.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 207	E





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, or
   b. Cadmium plated in accordance with ASTM Designation : B 766 TYPE 3, Class 12, or
   c. 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 7/12/07 PLATE NO. A5-10.1

PROJECT NO:

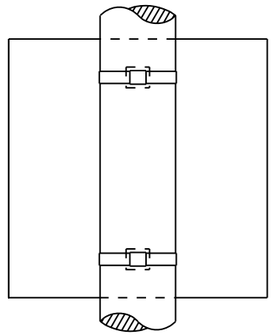
SHEET NO: 208 E

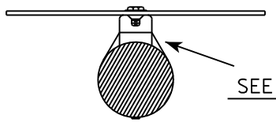
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WISDOT/CADDS SHEET 42

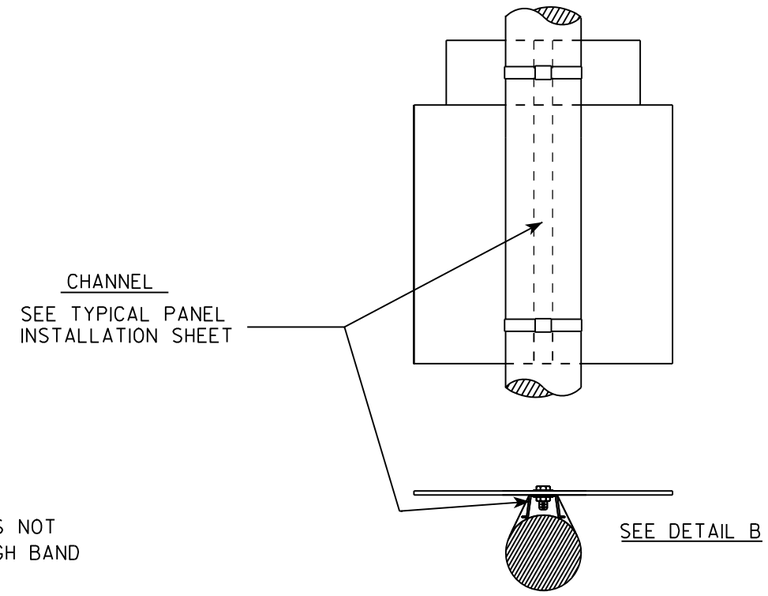
BANDING

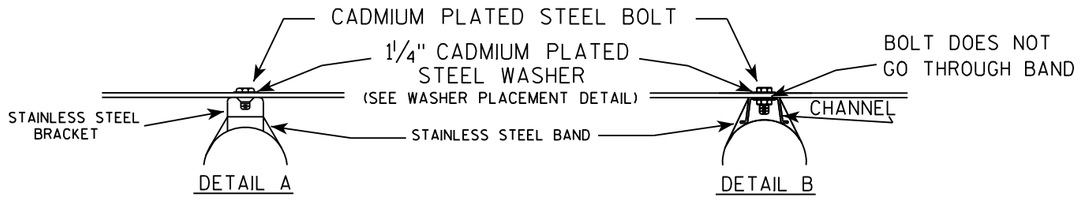
SINGLE SIGN



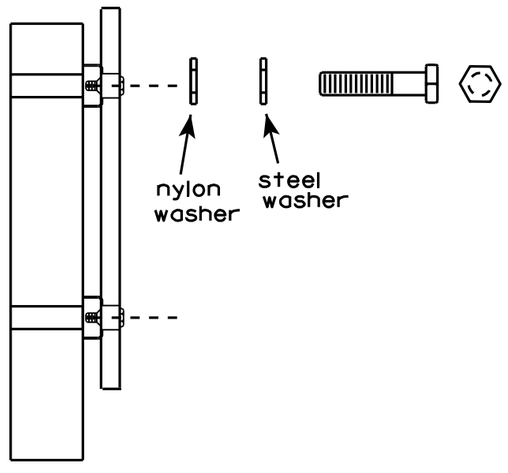


"J" ASSEMBLY





WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.

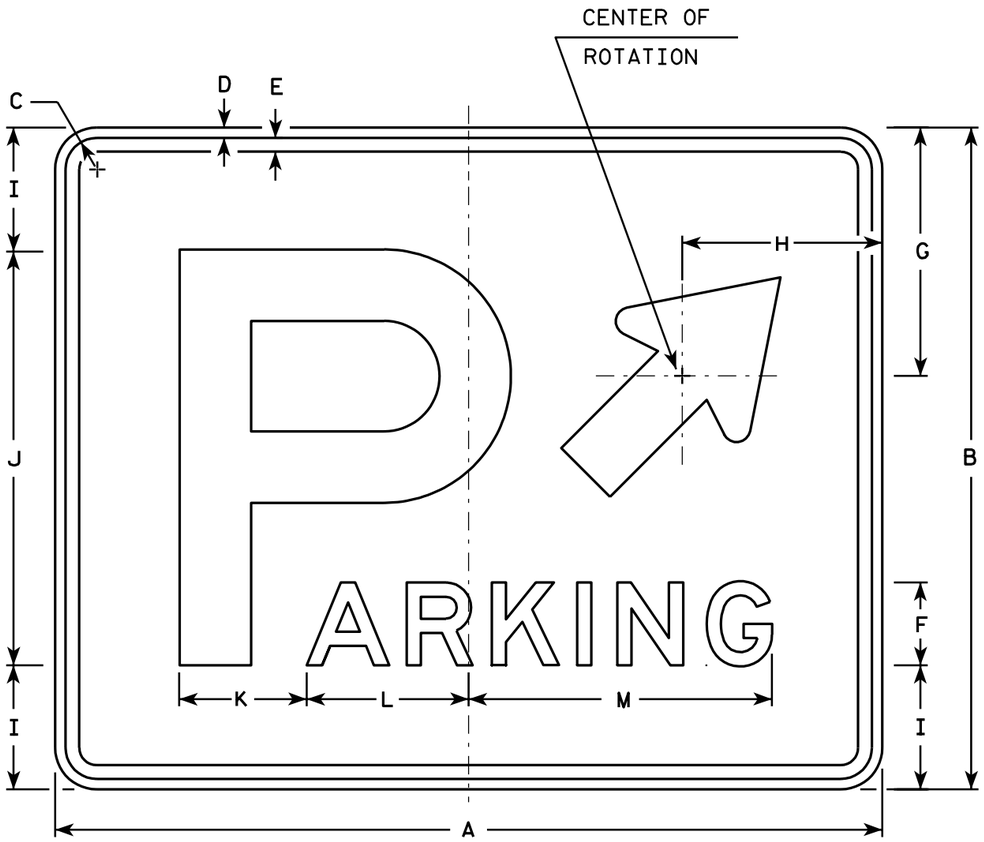
STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/16/13 PLATE NO. A5-9.3

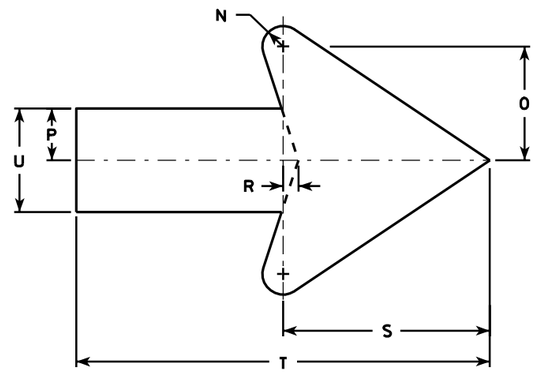
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 209	E



D4-1

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 - Green
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. Arrow shall be rotated as required.



Arrow Detail

Metric equivalent for this sign is:

SIZE	
1	450 mm X 375 mm
2	750 mm X 600 mm
3	1200 mm X 900 mm
4	
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.	Area m2
1	18	15	1 1/8	3/8	3/8	2	7	4 3/8	2 1/2	10	3 1/8	4	7 1/4	3/8	1 5/8	3/4		1/4	3	6	1 1/2						1.88	0.17
2	30	24	1 1/8	3/8	1/2	3	9	7 1/4	4 1/2	15	4 5/8	5 7/8	11	1/2	2 3/4	1 1/4		3/8	5	10	2 1/2						5.0	0.45
3	48	36	1 3/8	1/2	5/8	5	11	12	5 1/2	25	7 3/4	9 3/4	18 1/4	3/4	3 7/8	1 7/8		5/8	7 1/2	15	3 3/4						12.0	1.08
4																												
5																												

STANDARD SIGN
D4-1

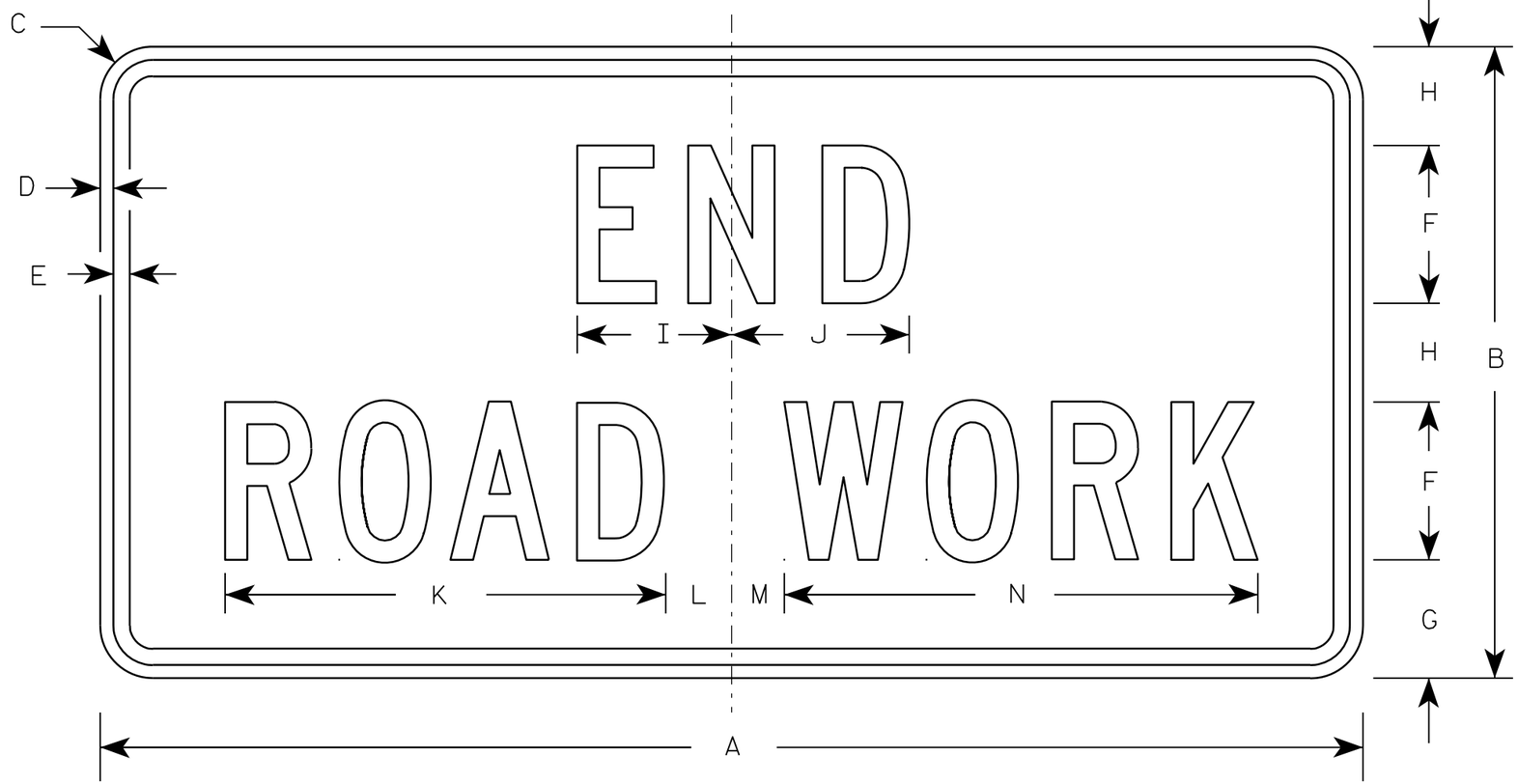
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/01/06 PLATE NO. D4-1.8

PROJECT NO:

SHEET NO: 210 E



G20-2A

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

Metric equivalent for this sign is:

SIZE	
1	900 mm X 450 mm
2	1200 mm X 600 mm
3	1200 mm X 600 mm
4	1200 mm X 600 mm
5	1200 mm X 600 mm

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.	Area m2
1	36	18	1 1/8	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5	0.41
2	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
3	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
4	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
5	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72

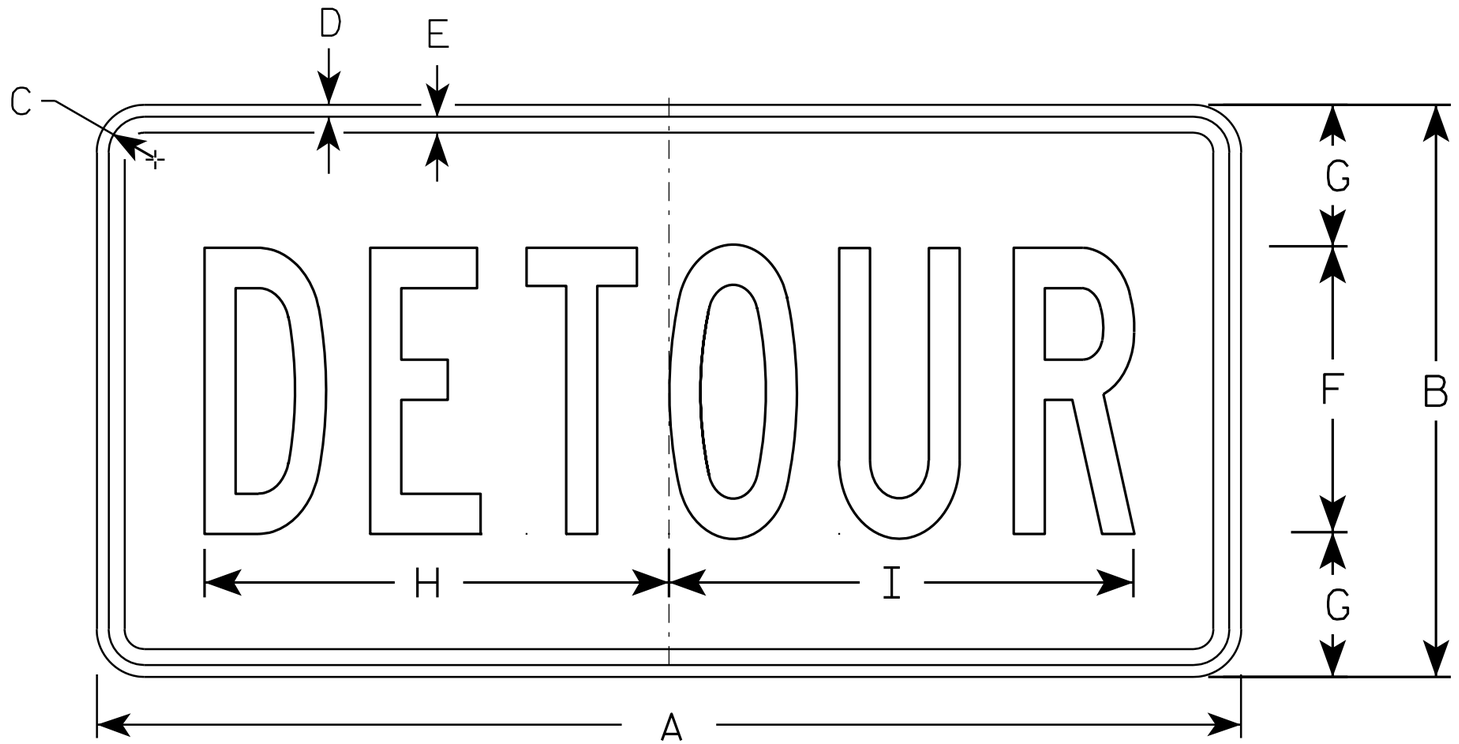
STANDARD SIGN
G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/30/09 PLATE NO. G20-2A.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 211	E



M4-8

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
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																											
2	24	12	1 1/8	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/8	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4																											
5																											

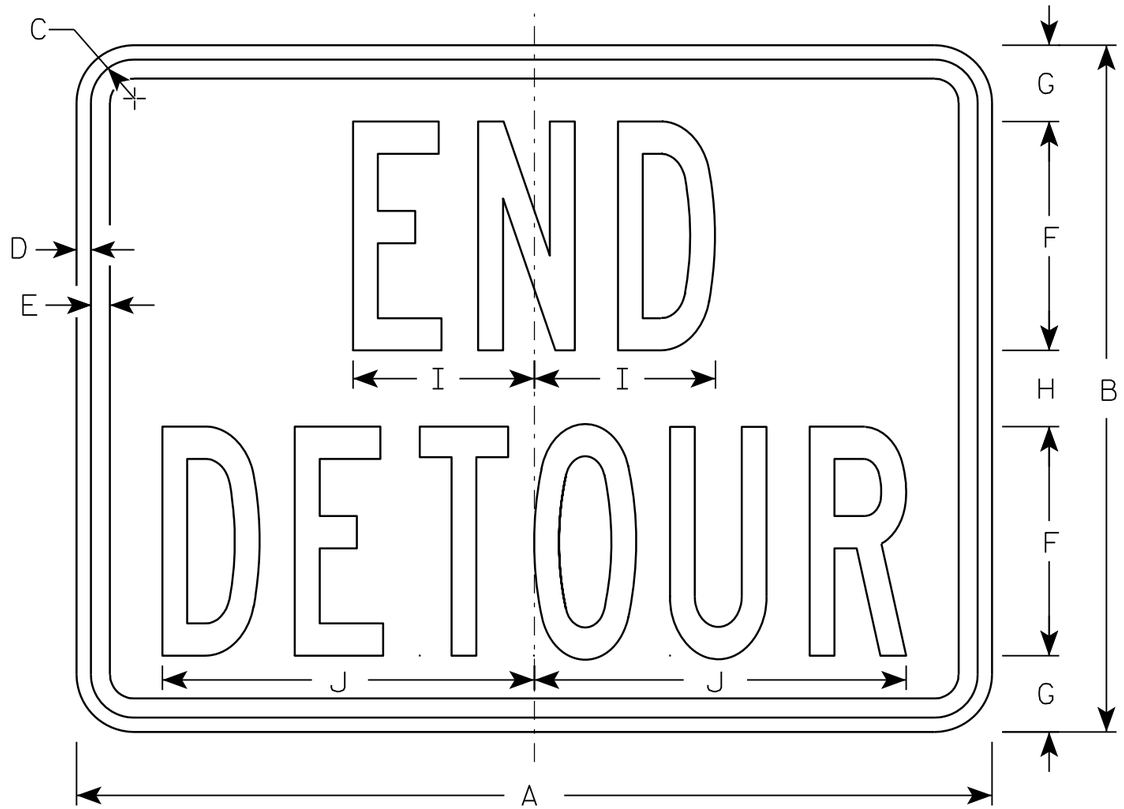
STANDARD SIGN
M4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/10/10 PLATE NO. M4-8.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 212	E



M4-8A

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
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																											
2	24	18	1 1/8	3/8	1/2	6	2	2	4 3/4	9 3/4																	3.0
3	30	24	1 1/8	3/8	1/2	8	2 1/2	3	6 3/4	13																	5.0
4																											
5																											

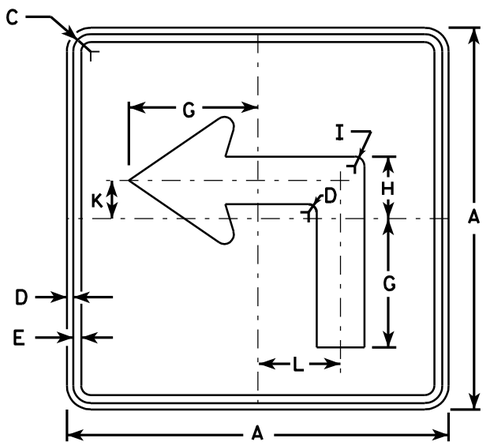
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

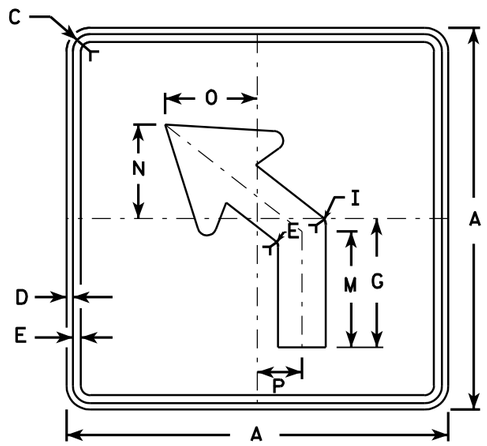
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/9/11 PLATE NO. M4-8A.2

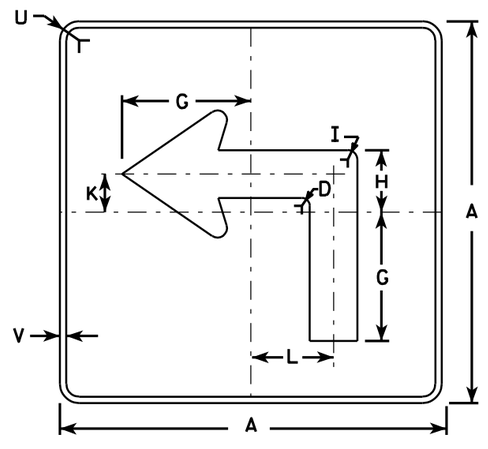
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 213	E



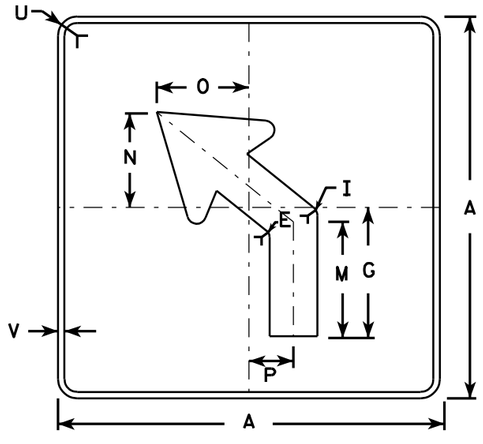
M5-1L
MK5-1L
MM5-1L
MO5-1L
MP5-1L
MR5-1L



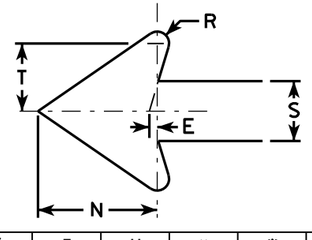
M5-2L
MK5-2L
MM5-2L
MO5-2L
MP5-2L
MR5-2L



MB5-1L
MG5-1L
MN5-1L



MB5-2L
MG5-2L
MN5-2L



NOTES

1. Signs are Type II - See Note 4 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See note 4
   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. M5-1 and M5-2 Background - White - Type H Reflective
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White - Type H Reflective
   MG5-1 and MG5-2 Background - Green
   Message - White - Type H Reflective
   MK5-1 and MK5-2 Background - Green
   Message - White Type H Reflective
   MM5-1 and MM5-2 Background - White - Type H Reflective
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White - Type H Reflective
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White - Type H Reflective
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow - Type H Reflective
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

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																											
2	21		1 1/8	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3	1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 1/8	4 1/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 1/8	4 1/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 1/8	4 1/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25

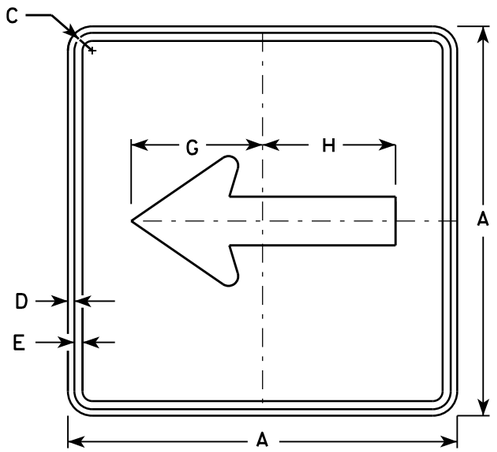
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

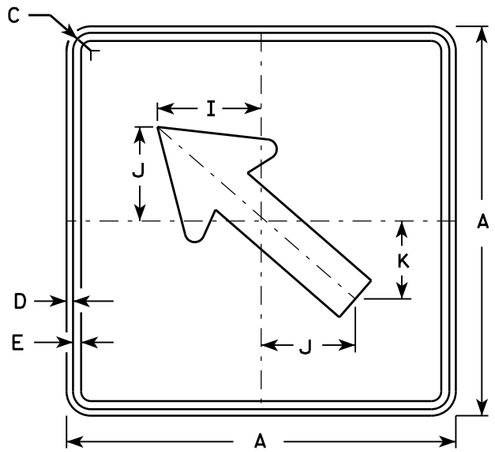
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/29/13 PLATE NO. M5-1.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 214	E



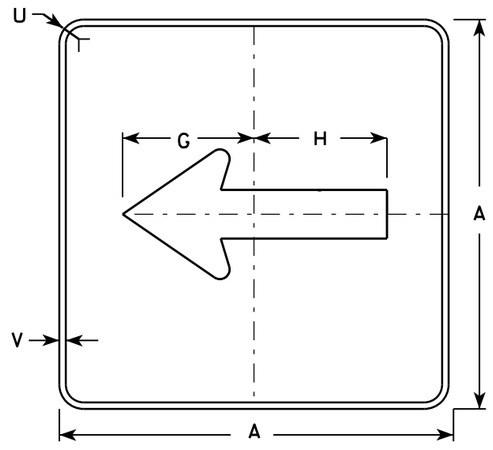
M6-1
MK6-1
MM6-1
MN6-1
MO6-1
MP6-1
MR6-1



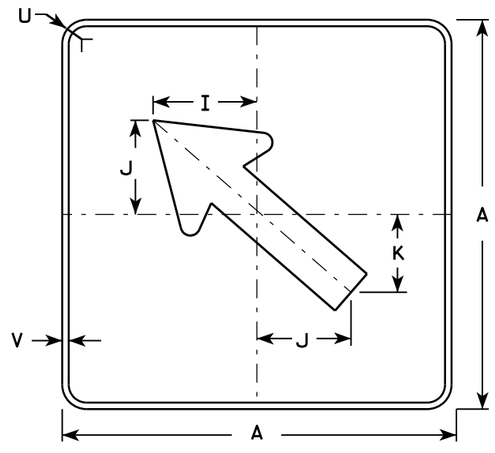
M6-2
MK6-2
MM6-2
MN6-2
MO6-2
MP6-2
MR6-2

NOTES

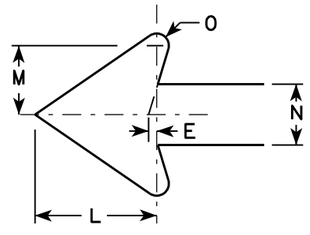
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MG6-1 and MG6-2 Background - Green
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow



MB6-1



MB6-2



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																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2						1 1/2	1/2						3.06
3	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25

STANDARD SIGN M6-1 & M6-2 SERIES

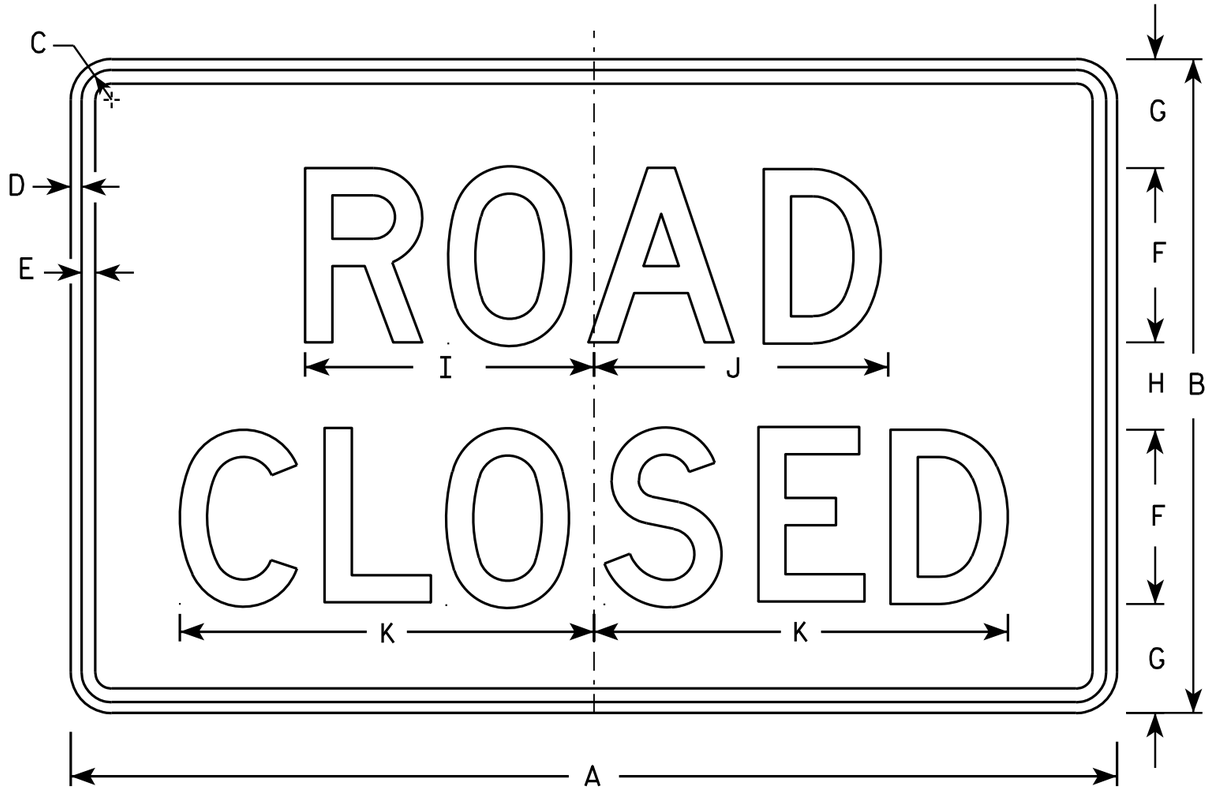
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/03/14 PLATE M6-1.14

PROJECT NO: | HWY: | COUNTY: | | SHEET NO: E

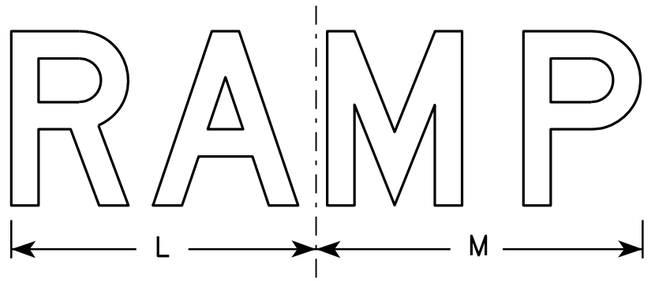
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\M61.DGN PLOT DATE : 03-JUL-2014 14:28 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 11.675051:1.000000
WISDOT/CADDS SHEET 42



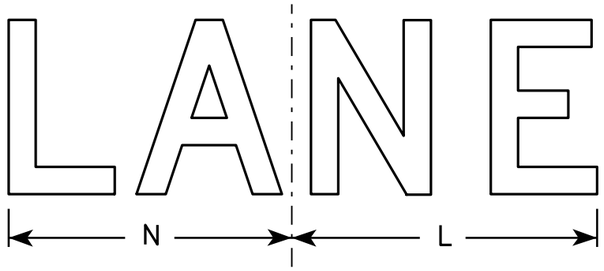
R11-2

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 - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



R11-2R



R11-2L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
2M	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
3	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
4	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
5	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0

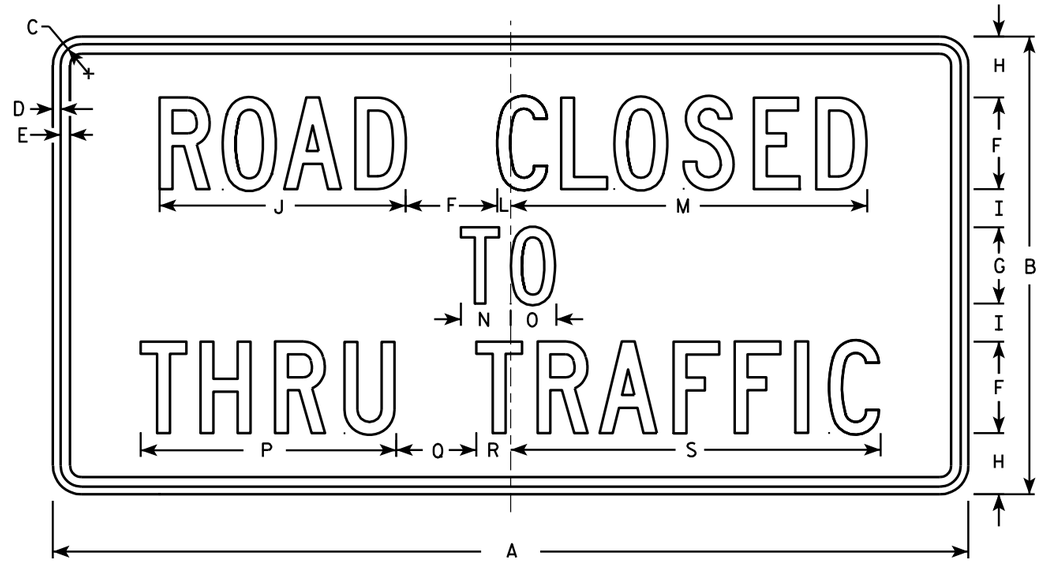
STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/1/11 PLATE NO. R11-2.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 216 | E



R11-4

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.

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	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

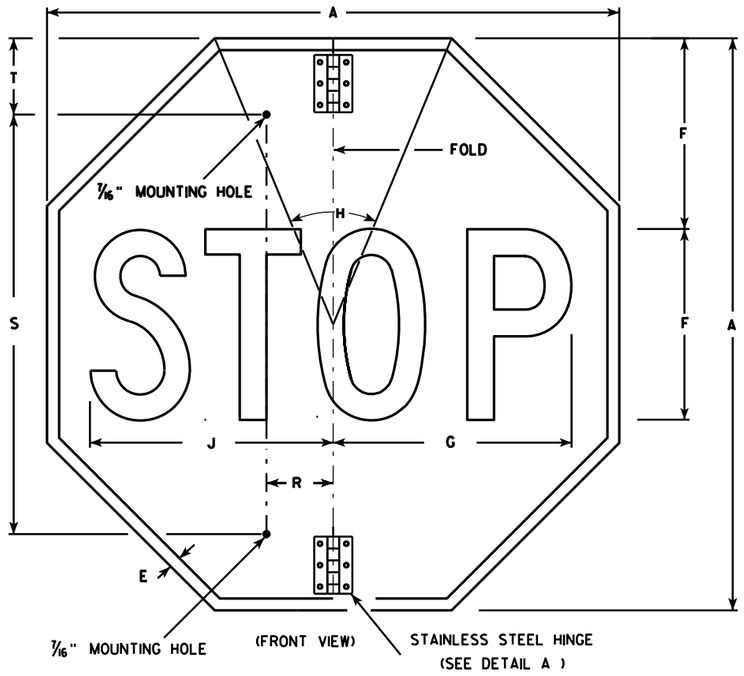
STANDARD SIGN
R11 - 4

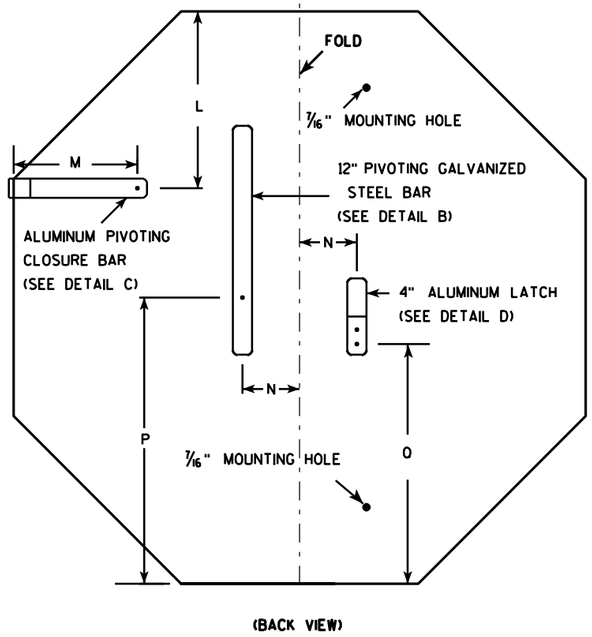
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 4/1/11 PLATE NO. R11-4.3

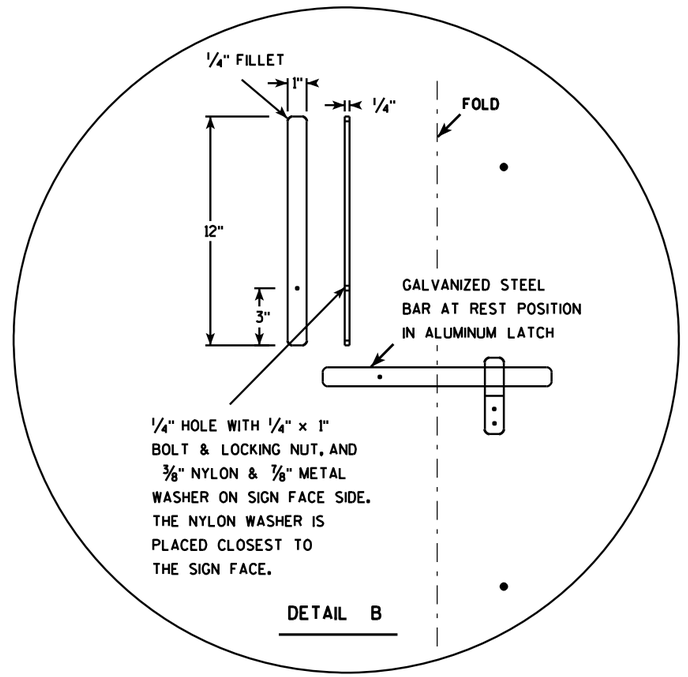
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 217 | E

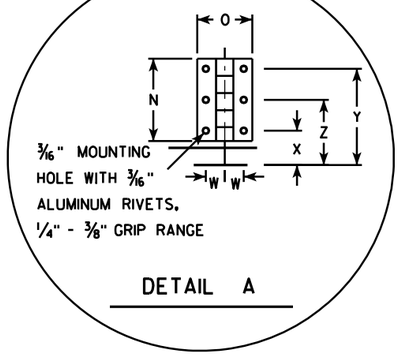


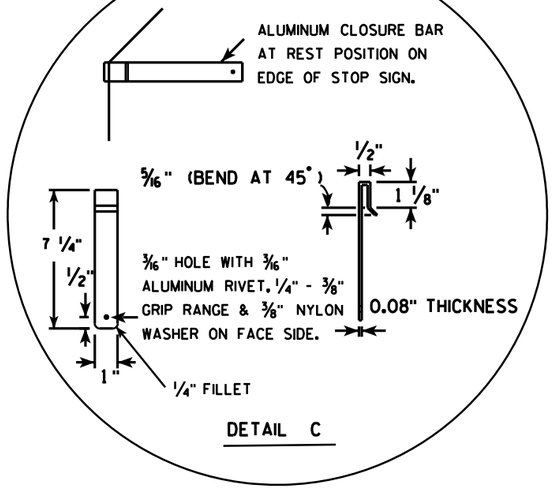


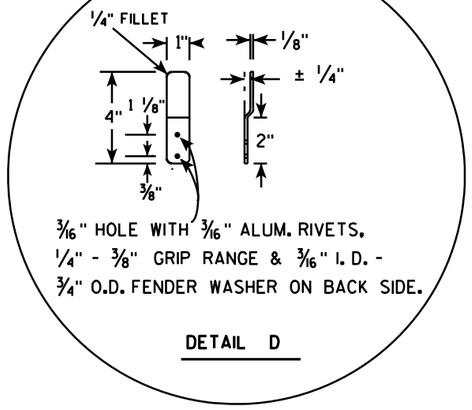
NOTES

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
4. All hardware used on the folding STOP sign installation shall conform to 637.2.4 of the WIS DOT Standard Specification.









SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30				5/8	10	12 1/2	45		12 3/4		9 1/4	6 1/2	3	2	15	12 3/8	2 1/2	22	5			11/16	1 1/4	3 1/2	2 3/8	5.18
2M	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
3	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
4																											
5																											

STANDARD SIGN
R1-1F

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1F.3

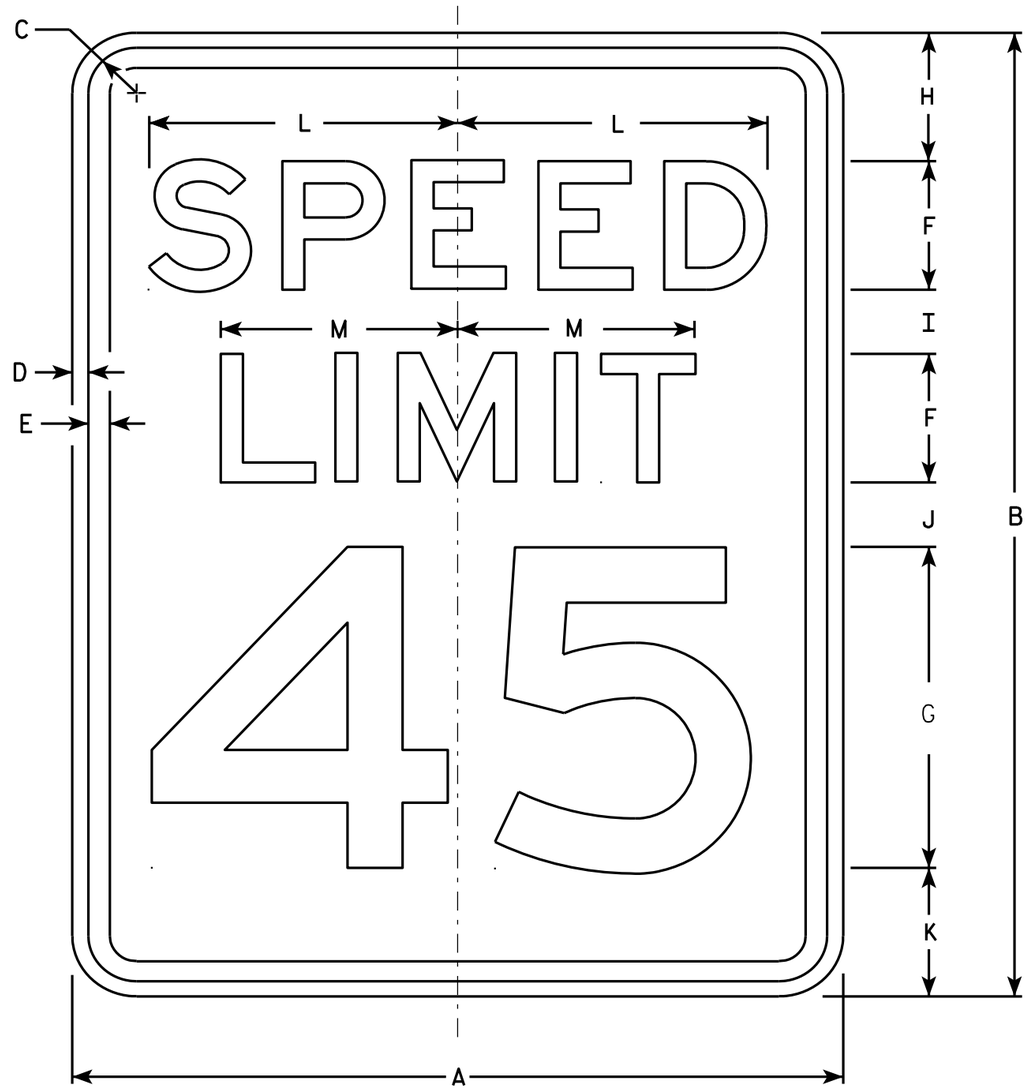
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 218 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R11F.DGN PLOT DATE : 02-DEC-2010 15:26 PLOT BY : dotsja PLOT NAME : PLOT SCALE : 7.945391:1.000000

WISDOT/CADDS SHEET 42

7

7



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

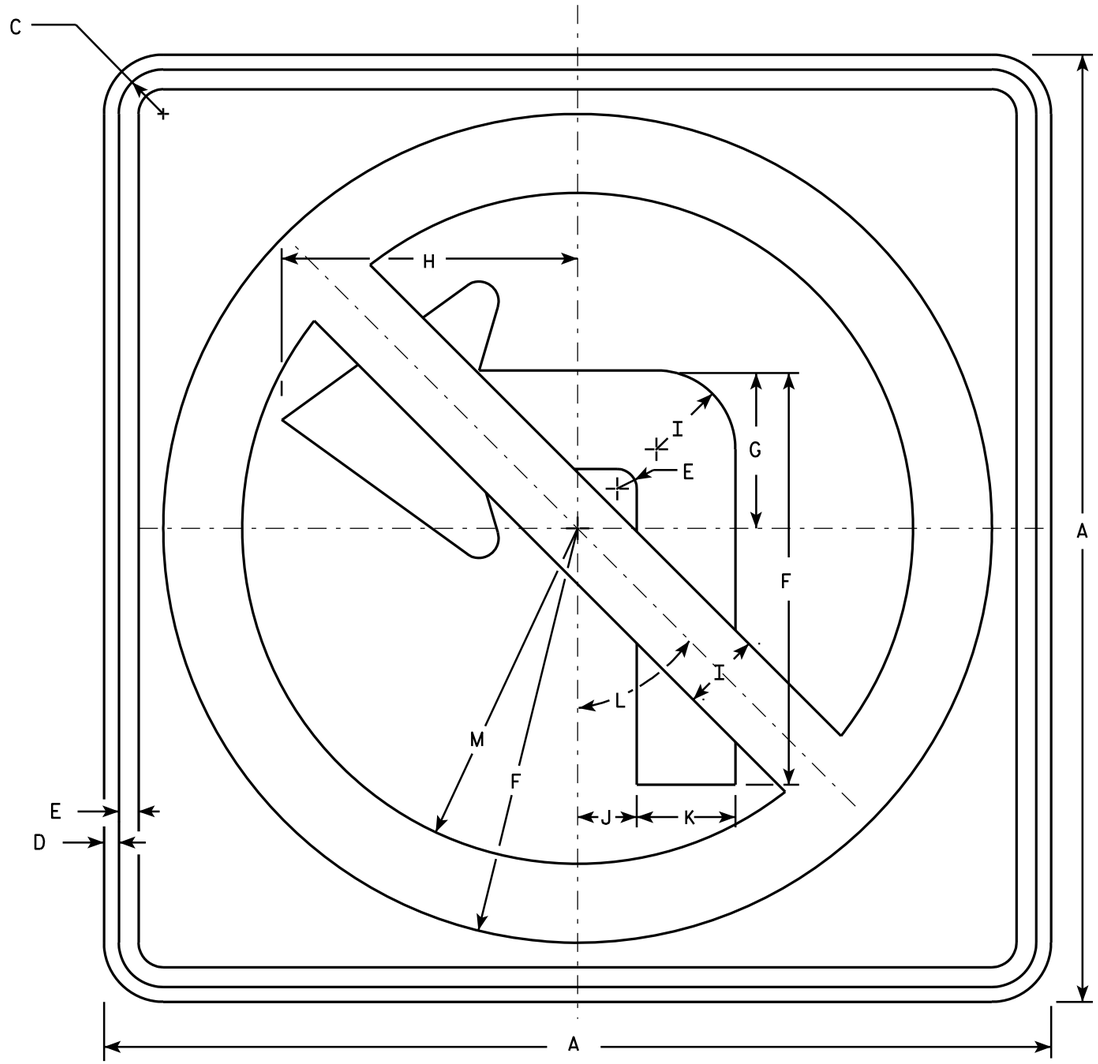
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

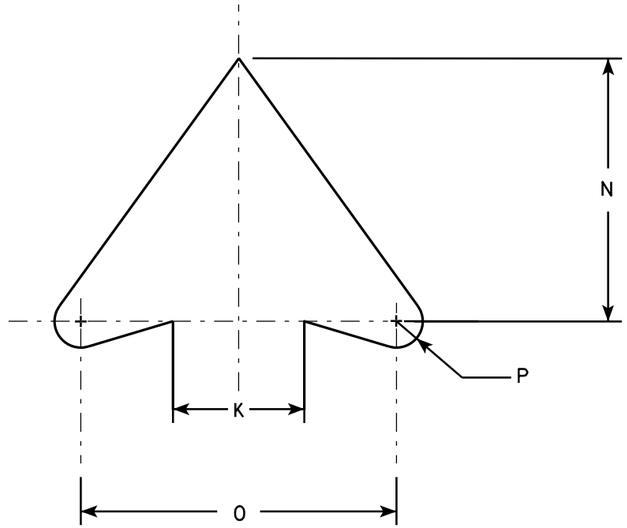
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 219 | E



R3-2

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. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2S	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2M	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
3	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
4	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1											16.0

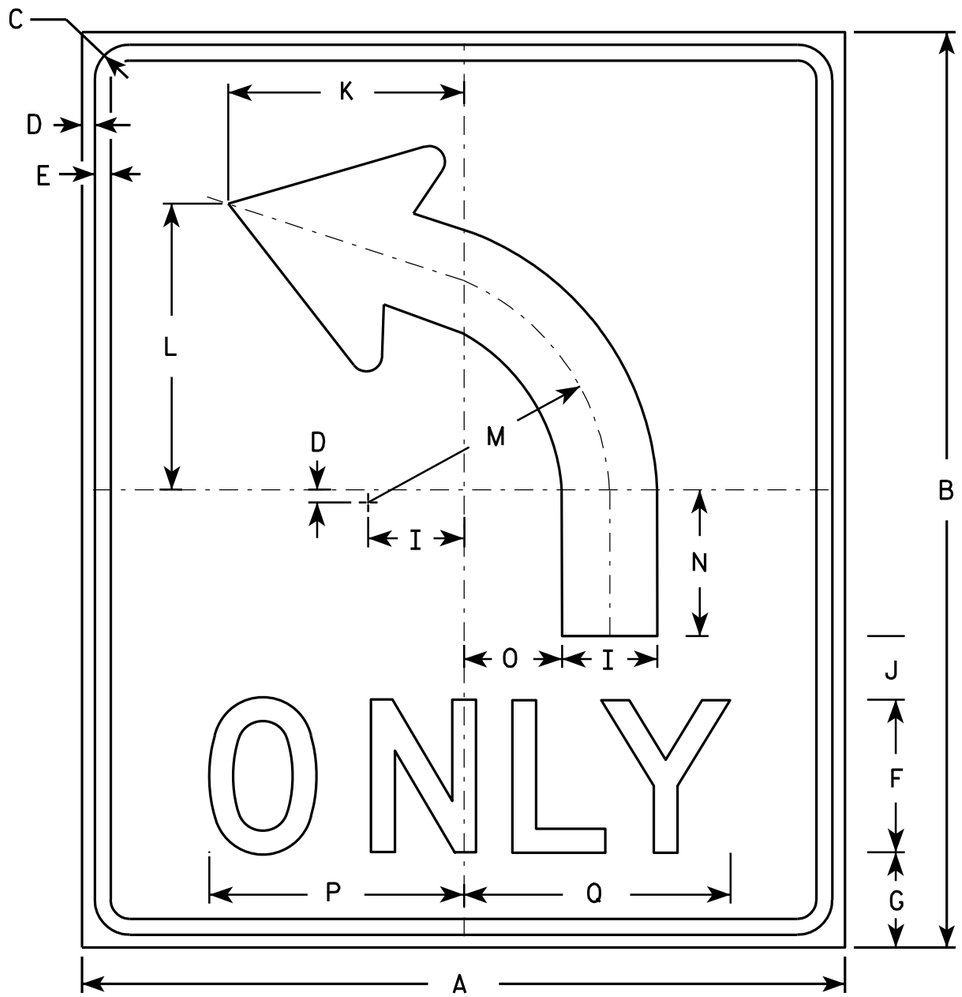
STANDARD SIGN
R3-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/08/10 PLATE NO. R3-2.10

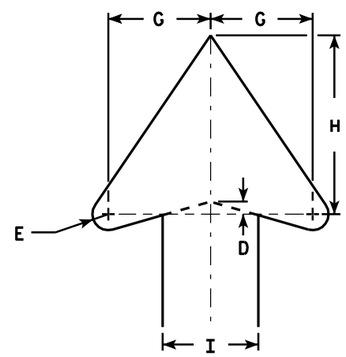
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 220 | E



R3-50L

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.
5. R3-50R is the same as R3-50L except curved portion of arrow points right.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 3/8	1/2	5/8	6	4	7	3 3/4	2 1/2	9 1/4	11 1/4	9 1/2	5 3/4	3 7/8	10	10 1/2										7.5
2M	30	36	1 3/8	1/2	5/8	6	4	7	3 3/4	2 1/2	9 1/4	11 1/4	9 1/2	5 3/4	3 7/8	10	10 1/2										7.5
3																											
4																											
5																											

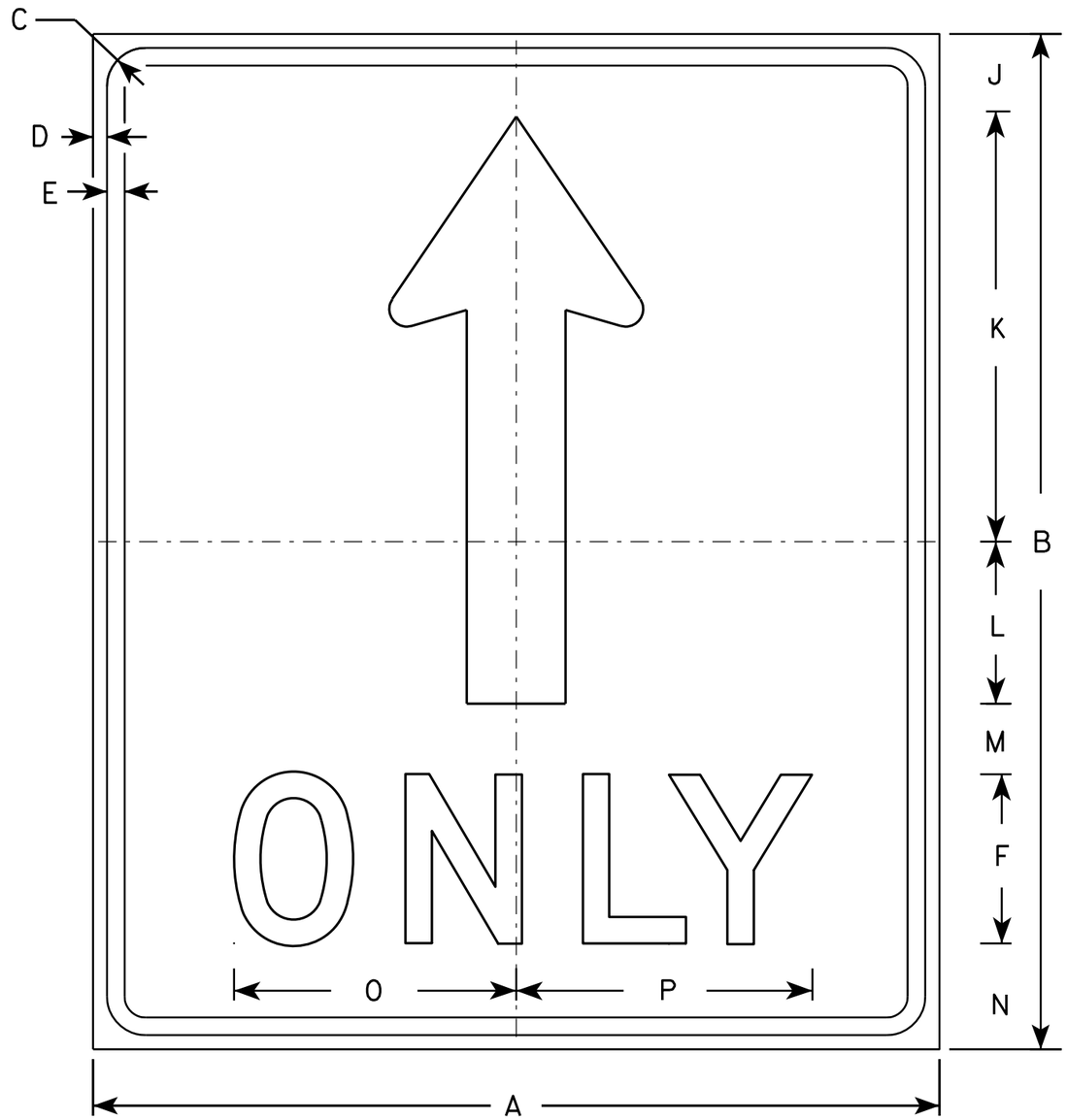
STANDARD SIGN
R3-50

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/24/2011 PLATE NO. R3-50.2

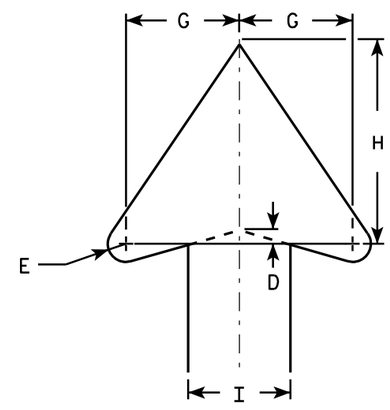
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 221 | E



R3-50A

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.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 3/8	1/2	5/8	6	4	7	3 1/2	2 3/4	15 1/4	5 3/4	2 1/2	3 3/4	10	10 1/2											7.5
2M	30	36	1 3/8	1/2	5/8	6	4	7	3 1/2	2 3/4	15 1/4	5 3/4	2 1/2	3 3/4	10	10 1/2											7.5
3																											
4																											
5																											

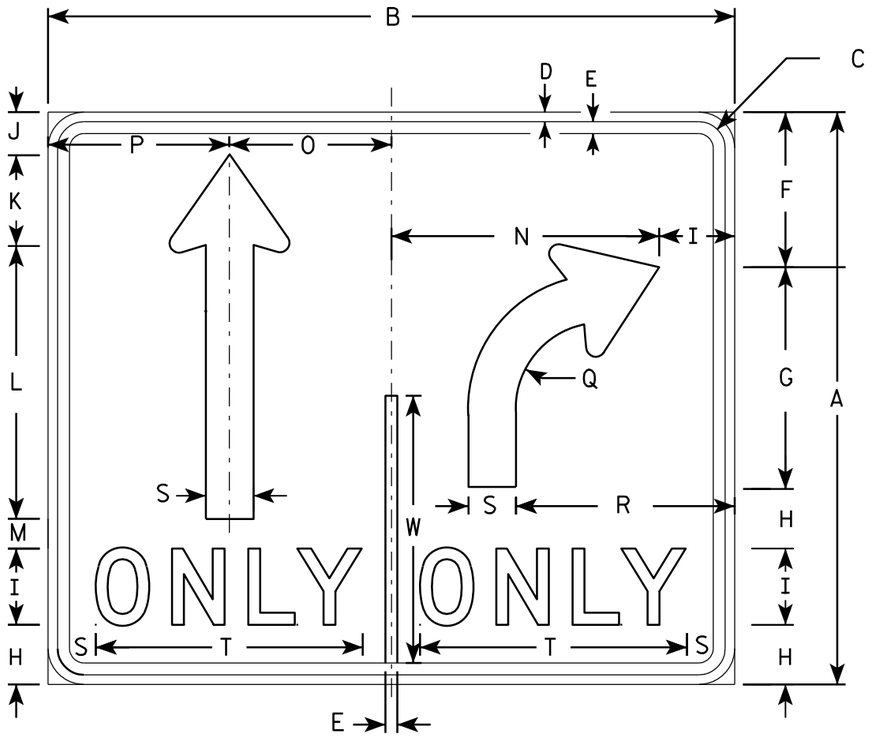
STANDARD SIGN
R3-50A

WISCONSIN DEPT OF TRANSPORTATION

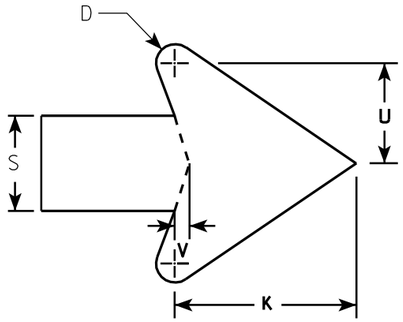
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/24/2011 PLATE NO. R3-50A.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 222	E



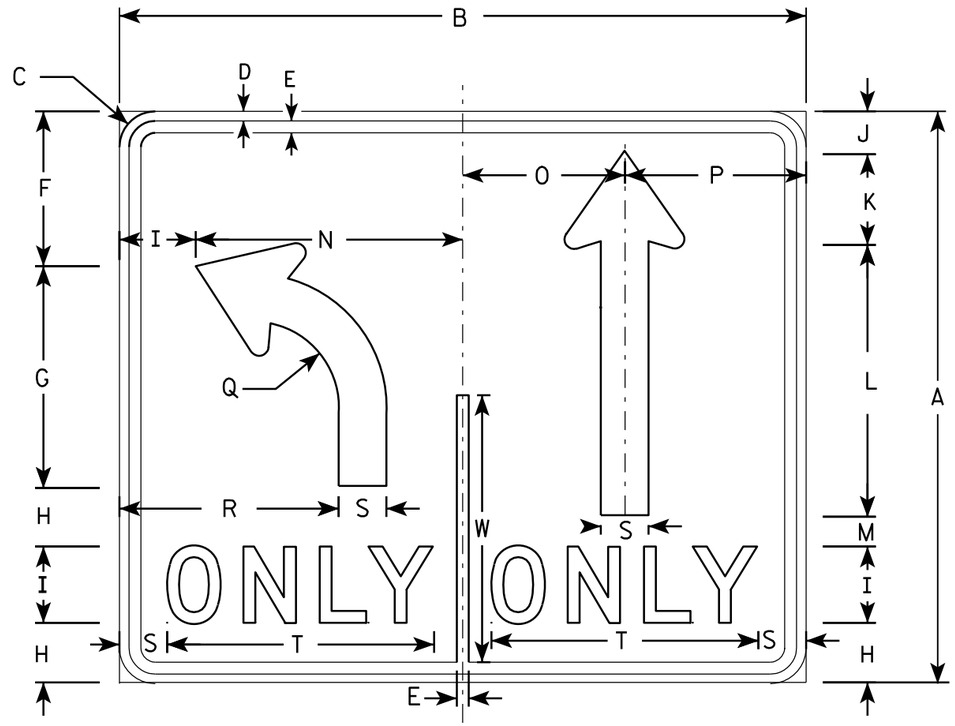
R3-8D



ARROW DETAIL

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.



R3-8E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	2 1/4	4 3/4	14 1/4	1 5/8	14	8 1/2	9 1/2	4 1/2	11 1/2	2 1/2	14	2 5/8	3/8	14				7.5
2M	30	36	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	2 1/4	4 3/4	14 1/4	1 5/8	14	8 1/2	9 1/2	4 1/2	11 1/2	2 1/2	14	2 5/8	3/8	14				7.5
3																											
4	48	54	2 1/4	3/4	1	13 1/4	18 1/2	5 1/8	6	3 1/2	7 1/8	21 1/2	4 3/4	21	12 3/4	14 1/4	7 1/4	17 1/8	3 3/4	20 5/8	4	5/8	22 3/8				18.0
5	48	54	2 1/4	3/4	1	13 1/4	18 1/2	5 1/8	6	3 1/2	7 1/8	21 1/2	4 3/4	21	12 3/4	14 1/4	7 1/4	17 1/8	3 3/4	20 5/8	4	5/8	22 3/8				18.0

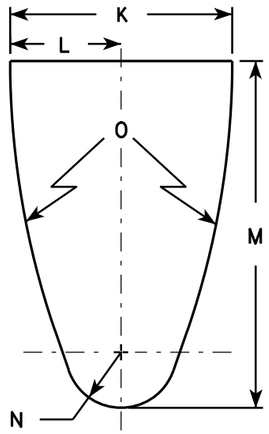
STANDARD SIGN
R3-8D & R3-8E

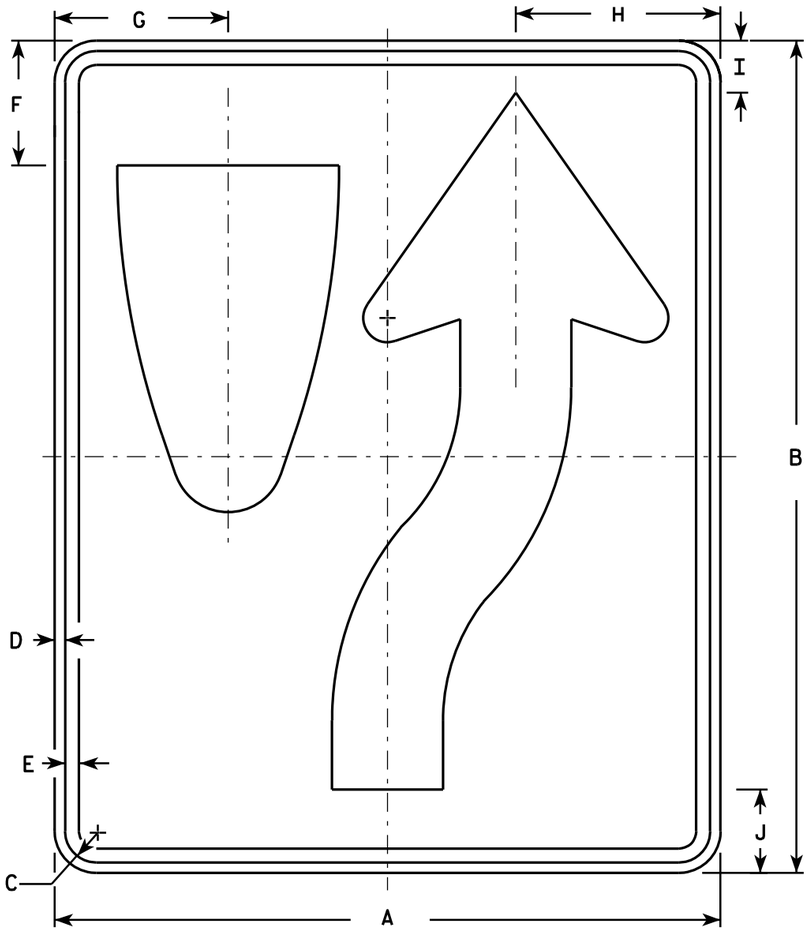
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/2011 PLATE NO. R3-8D.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 223	E

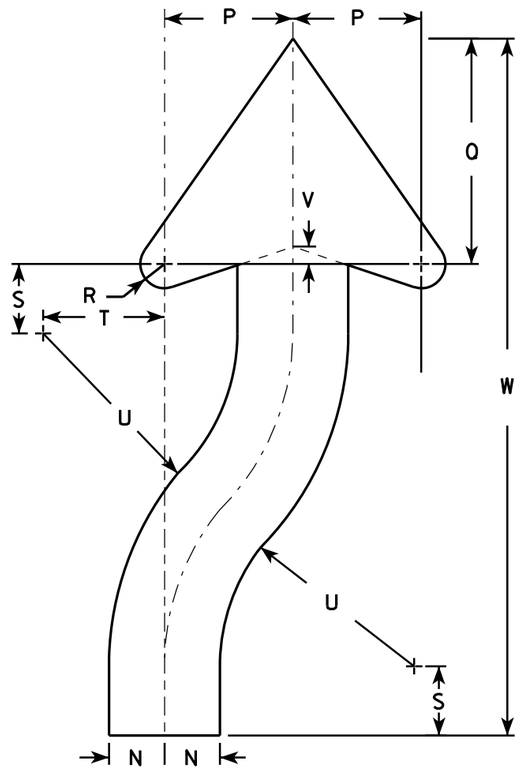




R4-7

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. material is plywood but borders shall be rounded
2. Color:
   Background - White
   Message - Black
3. Corners may be square or rounded when base as shown. When base material is metal, the corners and borders shall be rounded.
4. R4-8 is the same as R4-7 except Legend is reversed.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	2 1/4	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

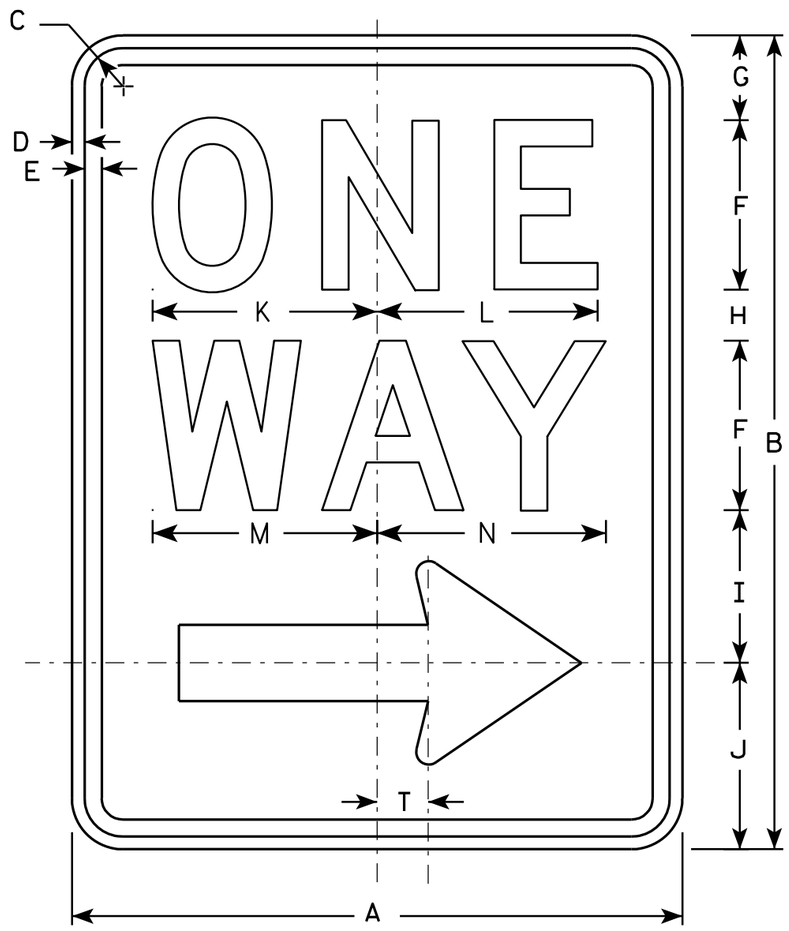
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-7.8

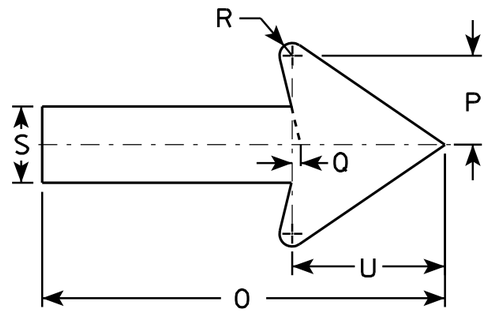
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 224	E



R6-2R

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.
5. R6-2L same as R6-2R except arrow points to the left.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z
1	18	24	1 1/8	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	30	1 1/8	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 3/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
5																										

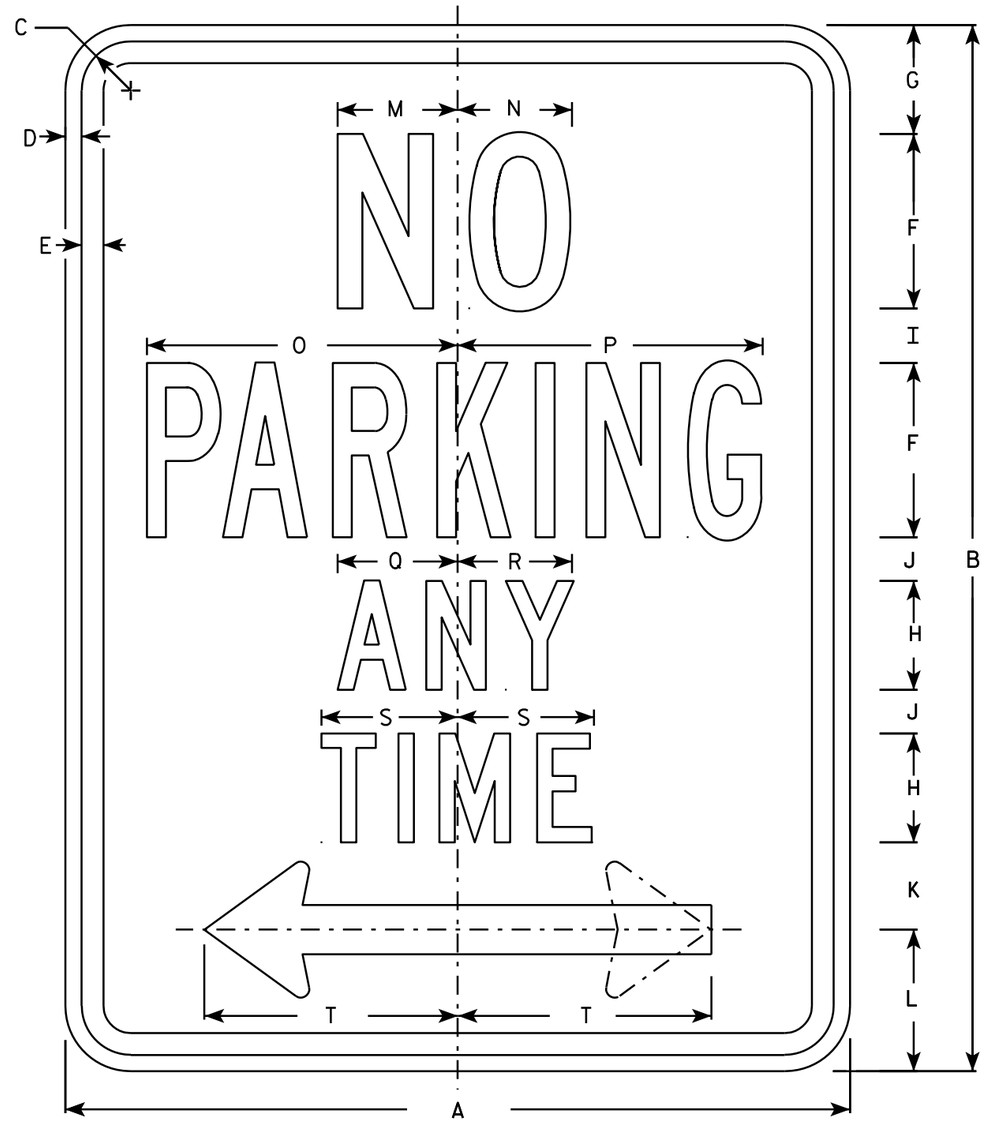
STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

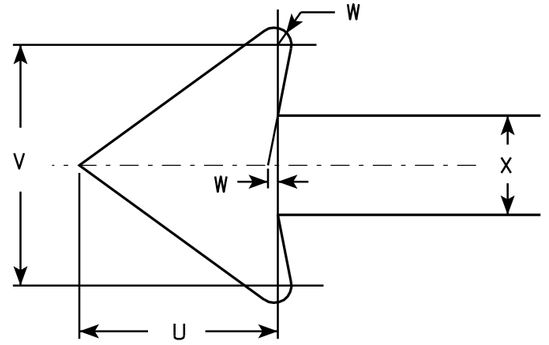
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 225	E



R7-1

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 - Red
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, 3 and 4 are series C, line 2 is series B.
6. R7-1D (double arrow)
   R7-1L (left arrow)
   R7-1R (right arrow)



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	2 1/4	2 1/8	2 1/2	3 7/8	1 1/2	1 3/4	1/8	3/4			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	2 3/4	2 5/8	3 1/8	5 7/8	2 1/4	2 5/8	1/4	1 1/8			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	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			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	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
4																											
5																											

STANDARD SIGN
R7-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R7-1.9

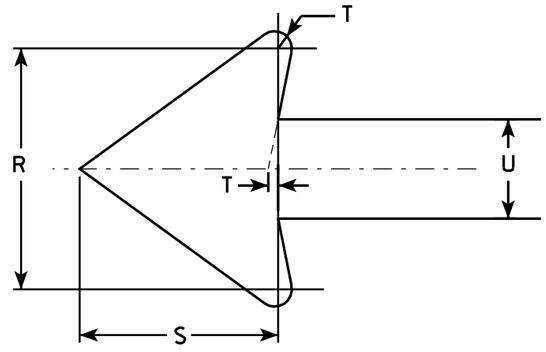
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 226	E



R7-5

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 - Green
3. Message Series - See Note 7
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 as required & adjust spacing to achieve proper balance.
6. R7-5D (double arrow)
   R7-5L (left arrow)
   R7-5R (right arrow)
7. Lines 1, 2 & 3 are series C Copy
   Line 4 Series B Copy.



* - 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	12	18	1 1/8	3/8	3/8	2	2	2 1/4	1 1/4	4	2 1/2	2 1/8	2	2 7/8	4 5/8	4 1/2	3 7/8	1 3/4	1 1/2	1/8	3/4						1.5
2S	18	24	1 1/8	3/8	1/2	3	3	2 5/8	1 1/4	5 5/8	3 1/4	3 1/8	3 1/8	4 1/4	6 7/8	6 3/4	5 7/8	2 5/8	2 1/4	1/4	1 1/8						3.0
2M	24	30	1 1/8	3/8	1/2	4	3	3	2	6	3 1/2	4 1/4	4 1/8	5 3/4	9 1/8	9 1/8	7 3/4	3 1/2	3	1/4	1 1/2						5.0
3	24	30	1 1/8	3/8	1/2	4	3	3	2	6	3 1/2	4 1/4	4 1/8	5 3/4	9 1/8	9 1/8	7 3/4	3 1/2	3	1/4	1 1/2						5.0
4																											
5																											

STANDARD SIGN
R7-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/31/2011 PLATE NO. R7-5.8

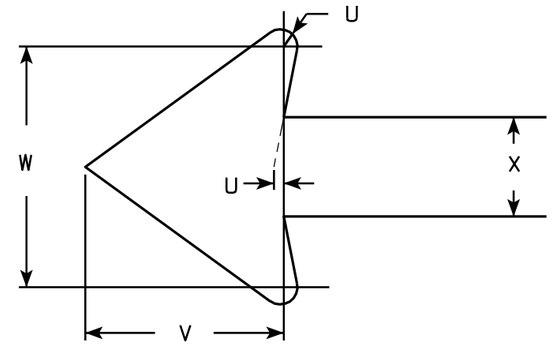
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 227	E



R7-52

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 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, 3 and 4 are series C, line 2 is series B.
6. R7-52D (double arrow)
   R7-52L (left arrow)
   R7-52R (right arrow)



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	1 1/2	7/8	7/8	2	2 1/2	2	2	4 7/8	4 7/8	5 1/8	5	3 1/8	3 7/8	1/8	1 1/2	1 3/4	3/4			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	6 3/8	6 1/4	3 7/8	5 7/8	1/4	2 1/4	2 5/8	1 1/8			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 5/8	7 5/8	4 3/4	7 3/4	1/4	3	3 1/2	1 1/2			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 5/8	7 5/8	4 3/4	7 3/4	1/4	3	3 1/2	1 1/2			5.0
4																											
5																											

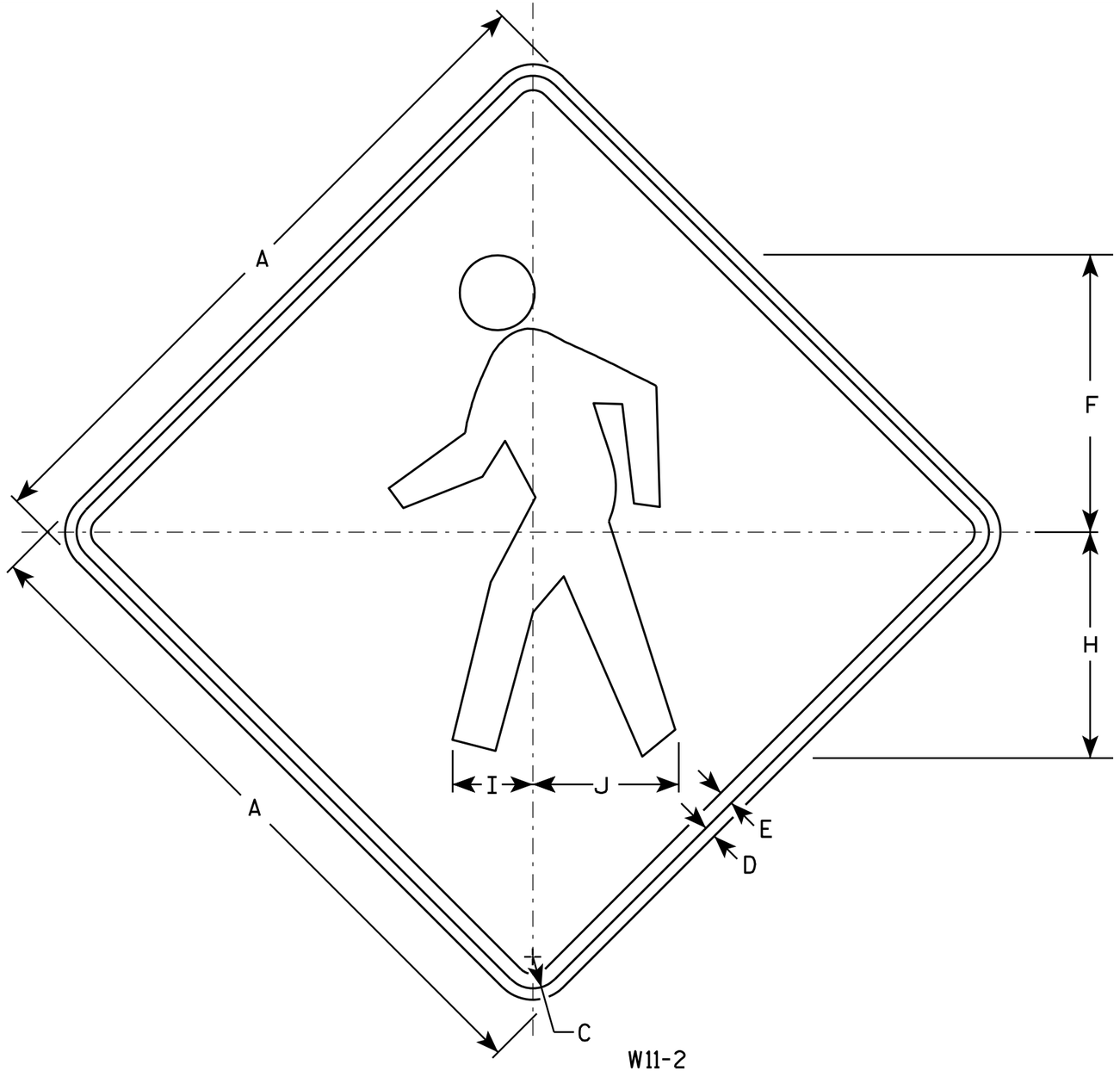
STANDARD SIGN
R7-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R7-52.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 228	E



W11-2

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
   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	24		1 1/8	3/8	1/2	9 3/4		7 7/8	2 7/8	5 1/8																	4.0
2S	30		1 3/8	1/2	5/8	12 1/8		9 7/8	3 1/2	6 3/8																	6.25
2M	36		1 5/8	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
3	36		1 5/8	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
4	48		2 1/4	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
5																											

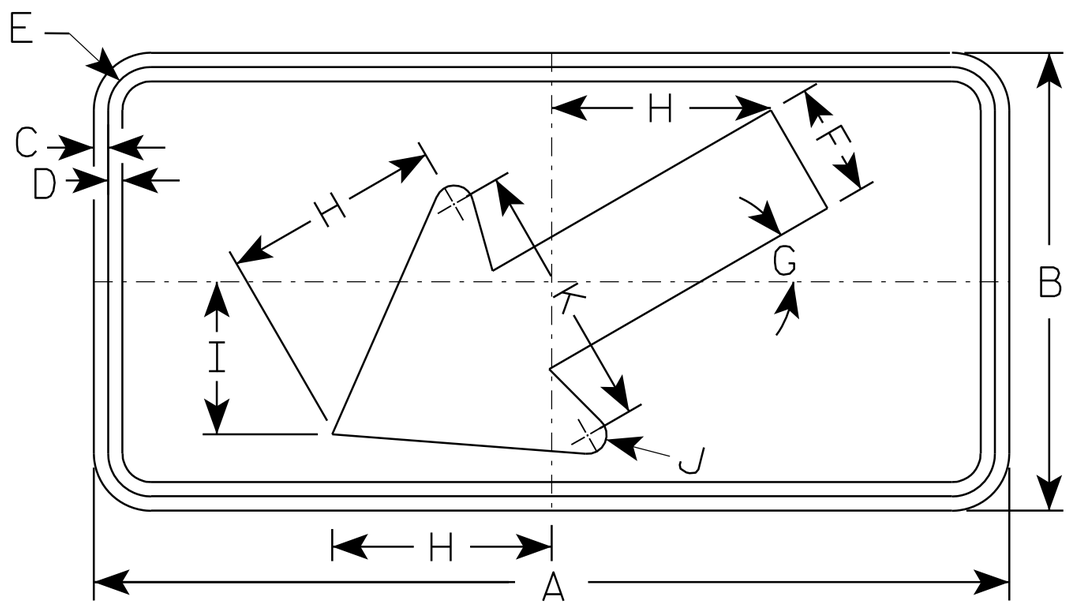
STANDARD SIGN
W11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W11-2.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 229	E



W16-7L

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
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W16-7R is the same as W16-L except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	3/8	3/8	1 1/8	3	30°	5 3/4	4	1/2	7																2.0
2M	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
3	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
4																											8
5																											8

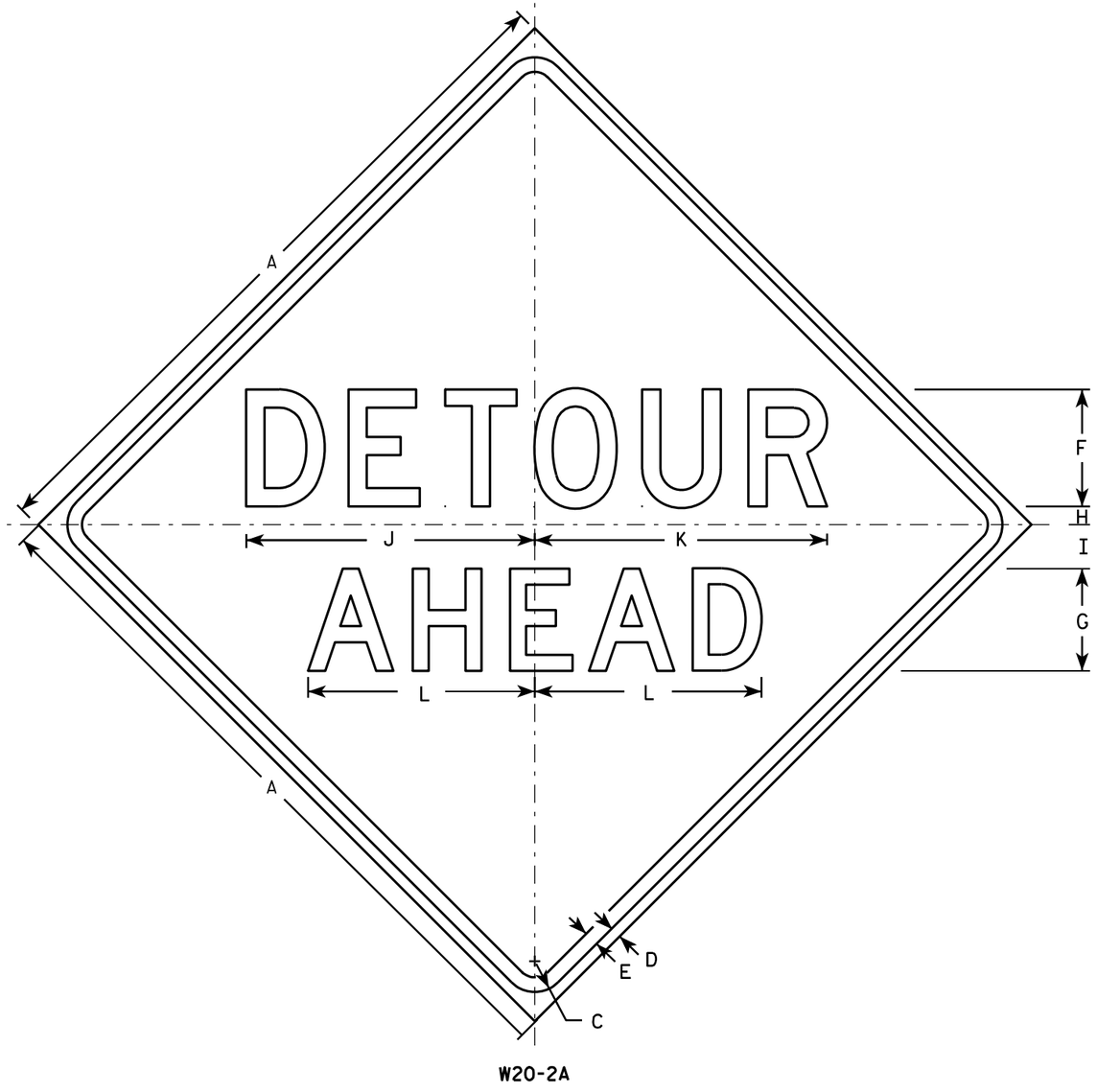
STANDARD SIGN
W16-7

WISCONSIN DEPT OF TRANSPORTATION

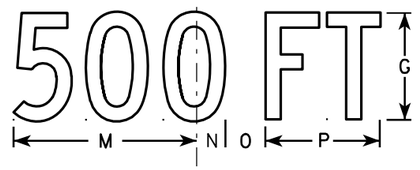
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/02/10 PLATE NO. W16-7.5

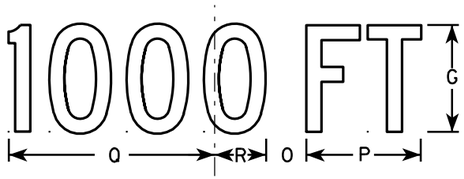
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 230	E



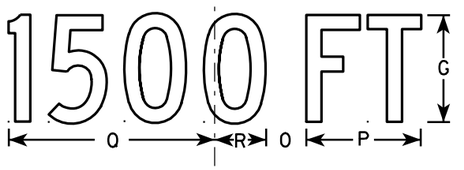
W20-2A



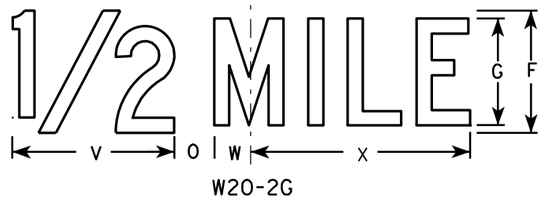
W20-2D



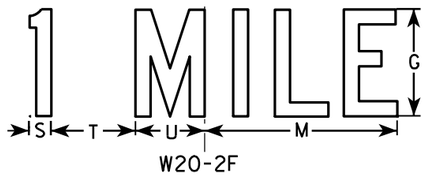
W20-2C



W20-2B



W20-2G



W20-2F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series D.
   Line 2 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
2S	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
2M	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
3	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
4	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
5	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0

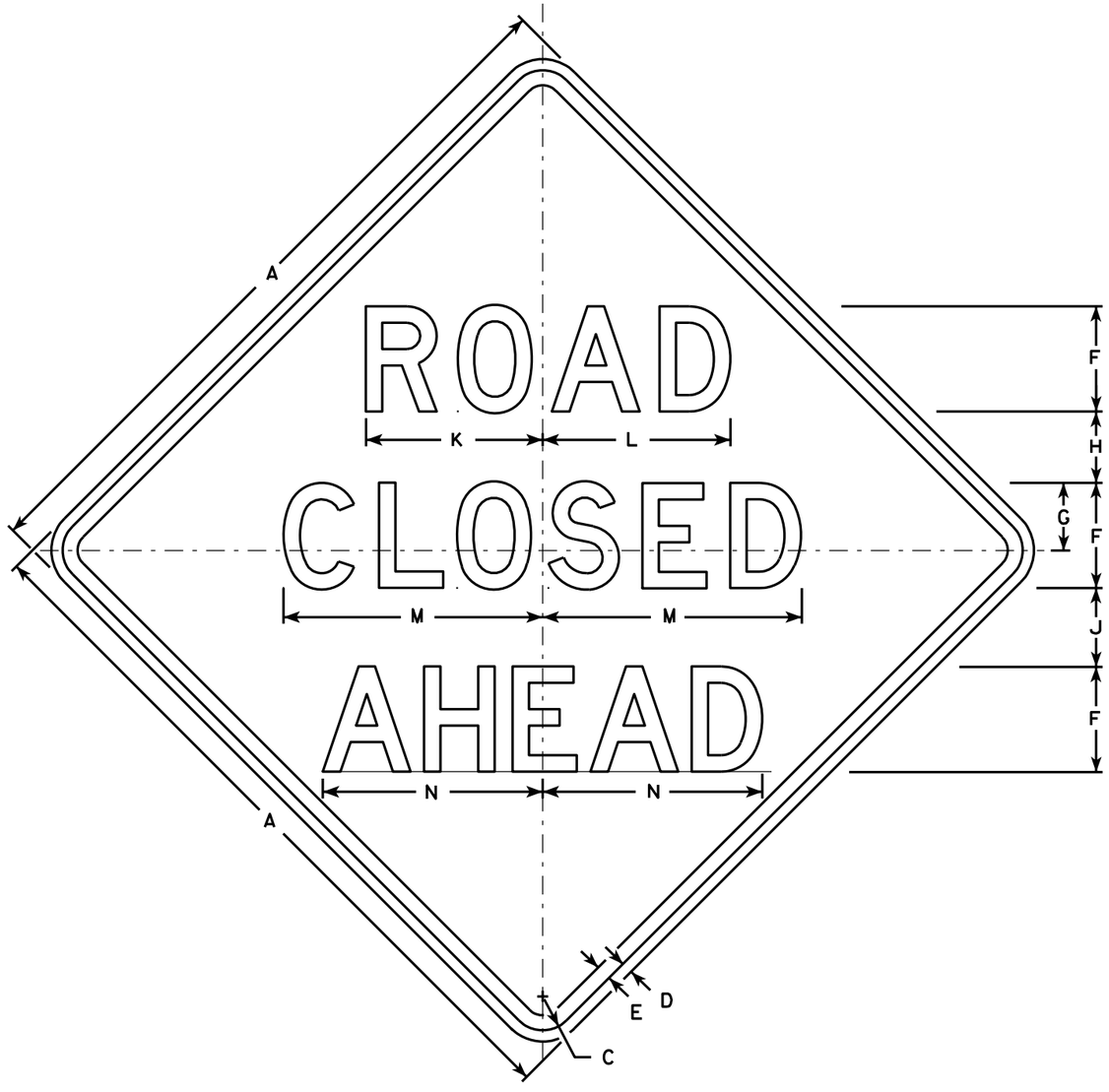
STANDARD SIGN
W20-2A,B,C,D,F & G

WISCONSIN DEPT OF TRANSPORTATION

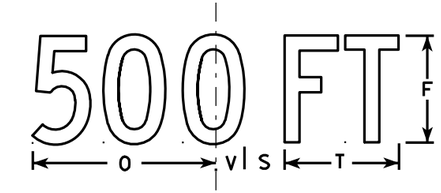
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-2.6

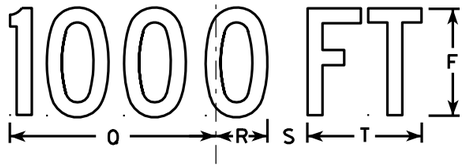
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 231	E



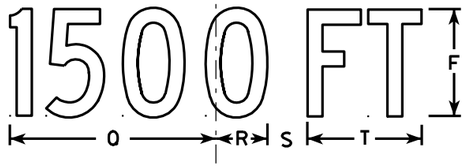
W20-3A



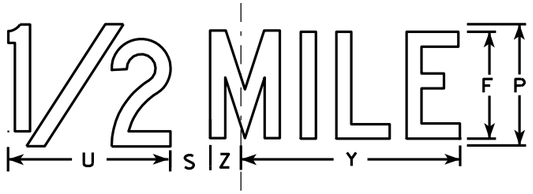
W20-3D



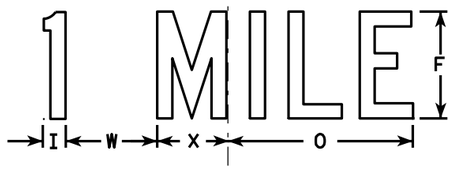
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

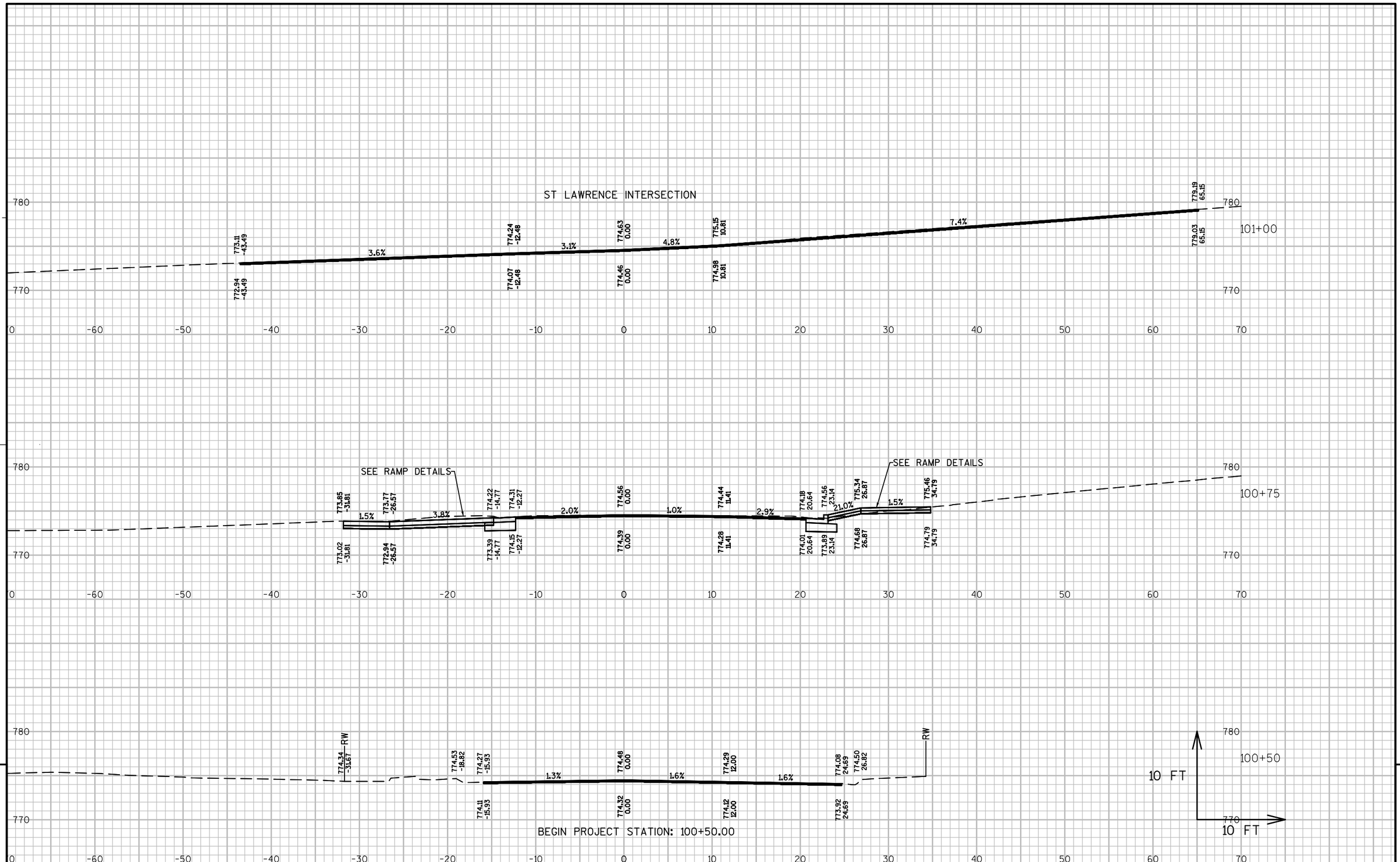
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 3/18/11 PLATE NO. W20-3.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 232 | E



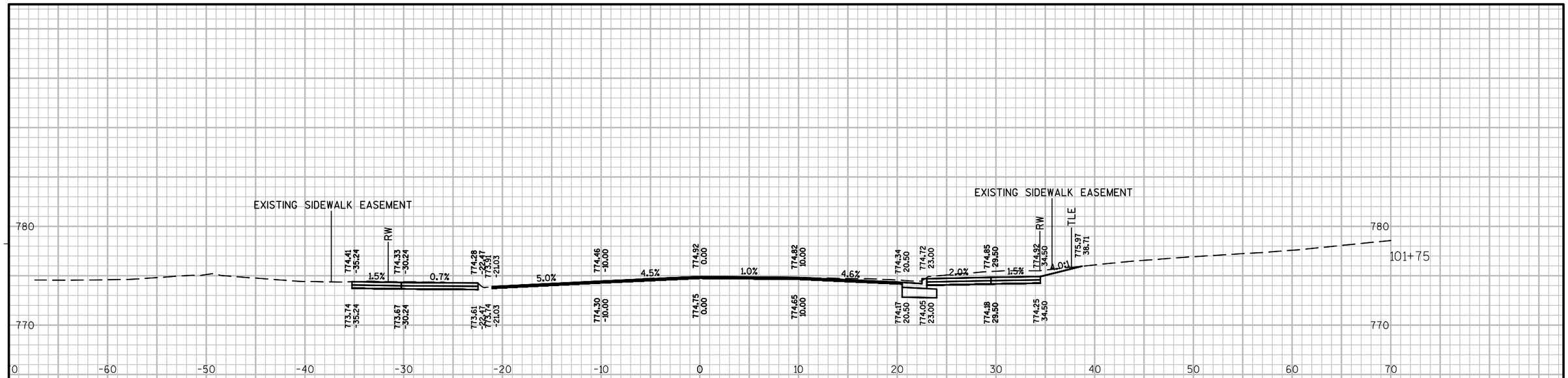
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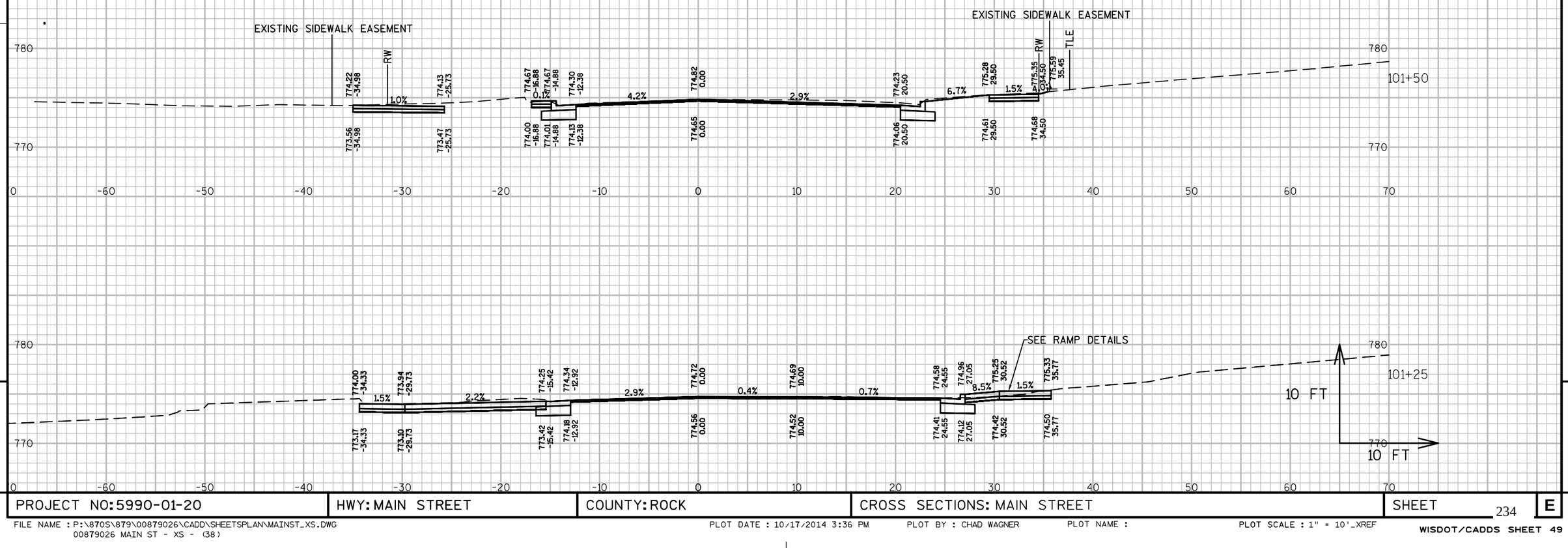
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PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 233	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (37)

PLOT DATE : 10/17/2014 3:35 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF





9

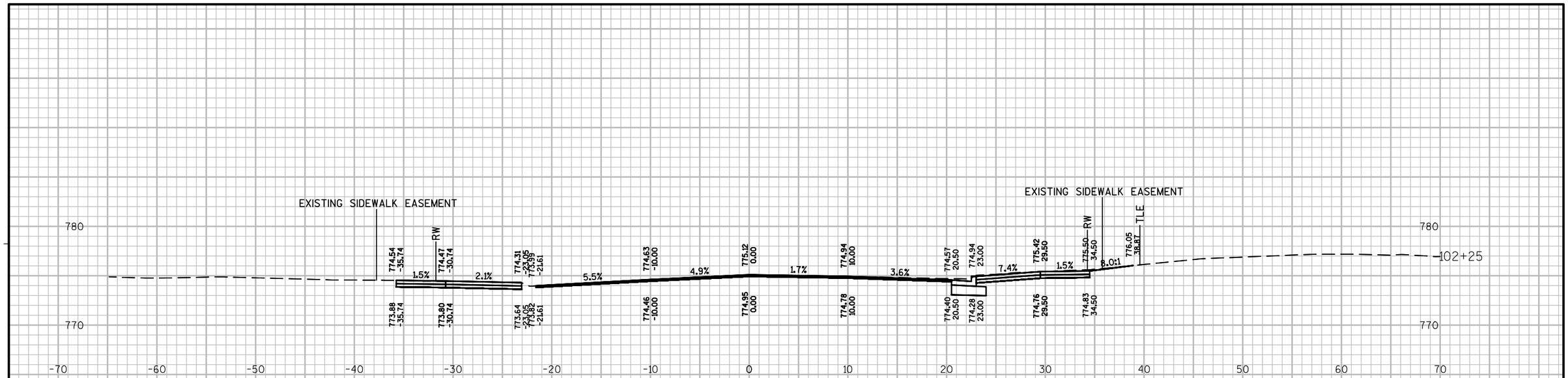
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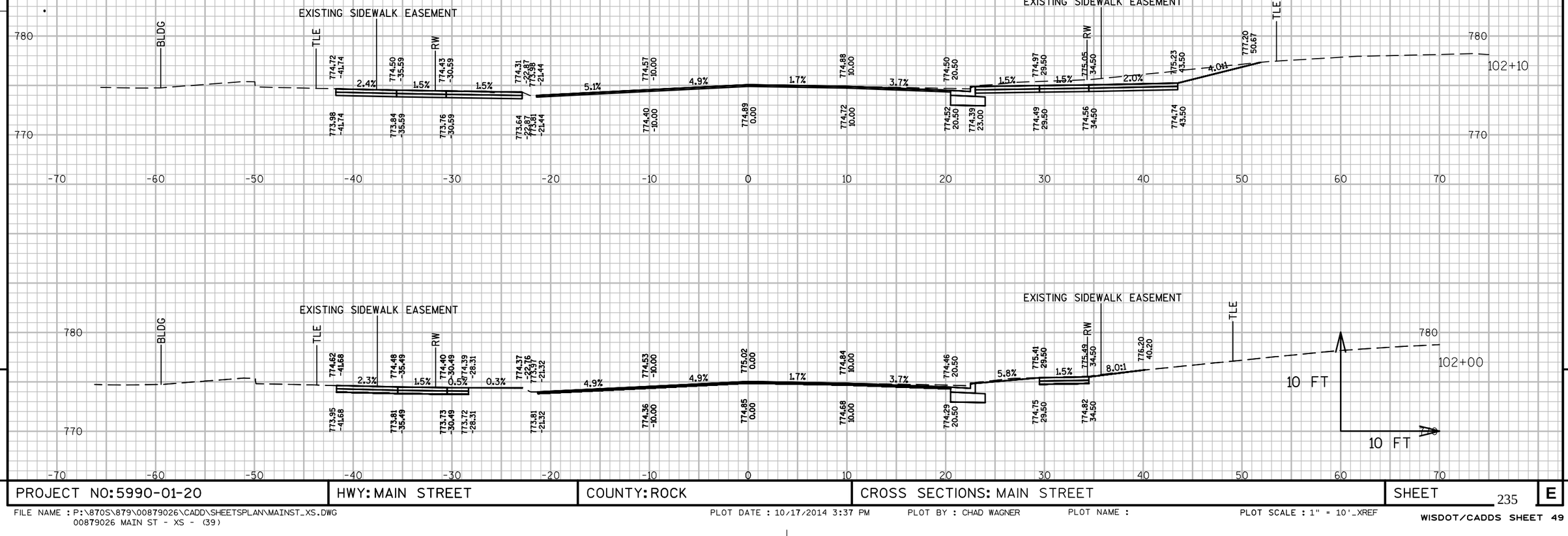
PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 234	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (38)

PLOT DATE : 10/17/2014 3:36 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49





9

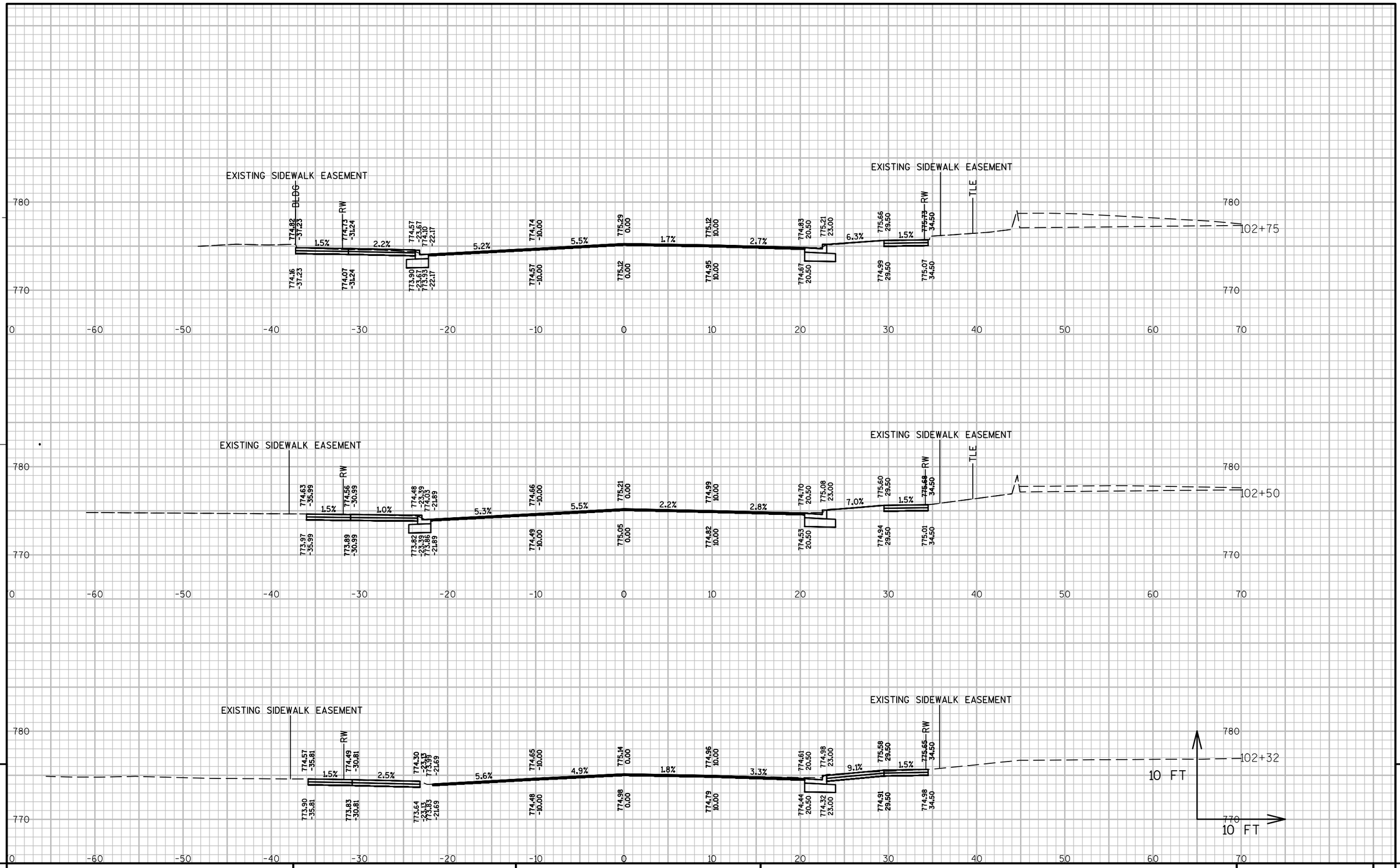
9

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 235	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (39)

PLOT DATE : 10/17/2014 3:37 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49

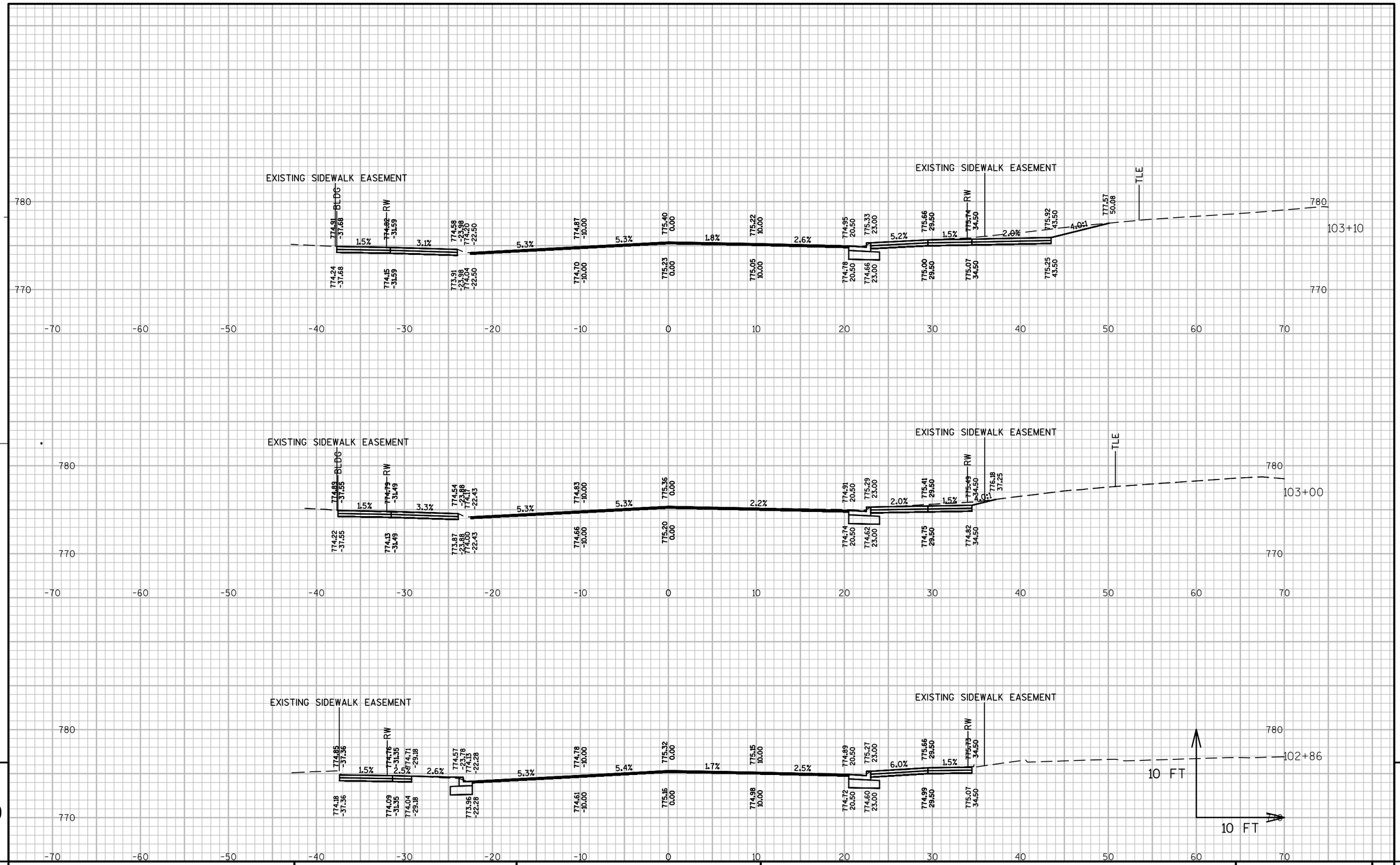


PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 236	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (40)

PLOT DATE : 10/17/2014 3:38 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



9

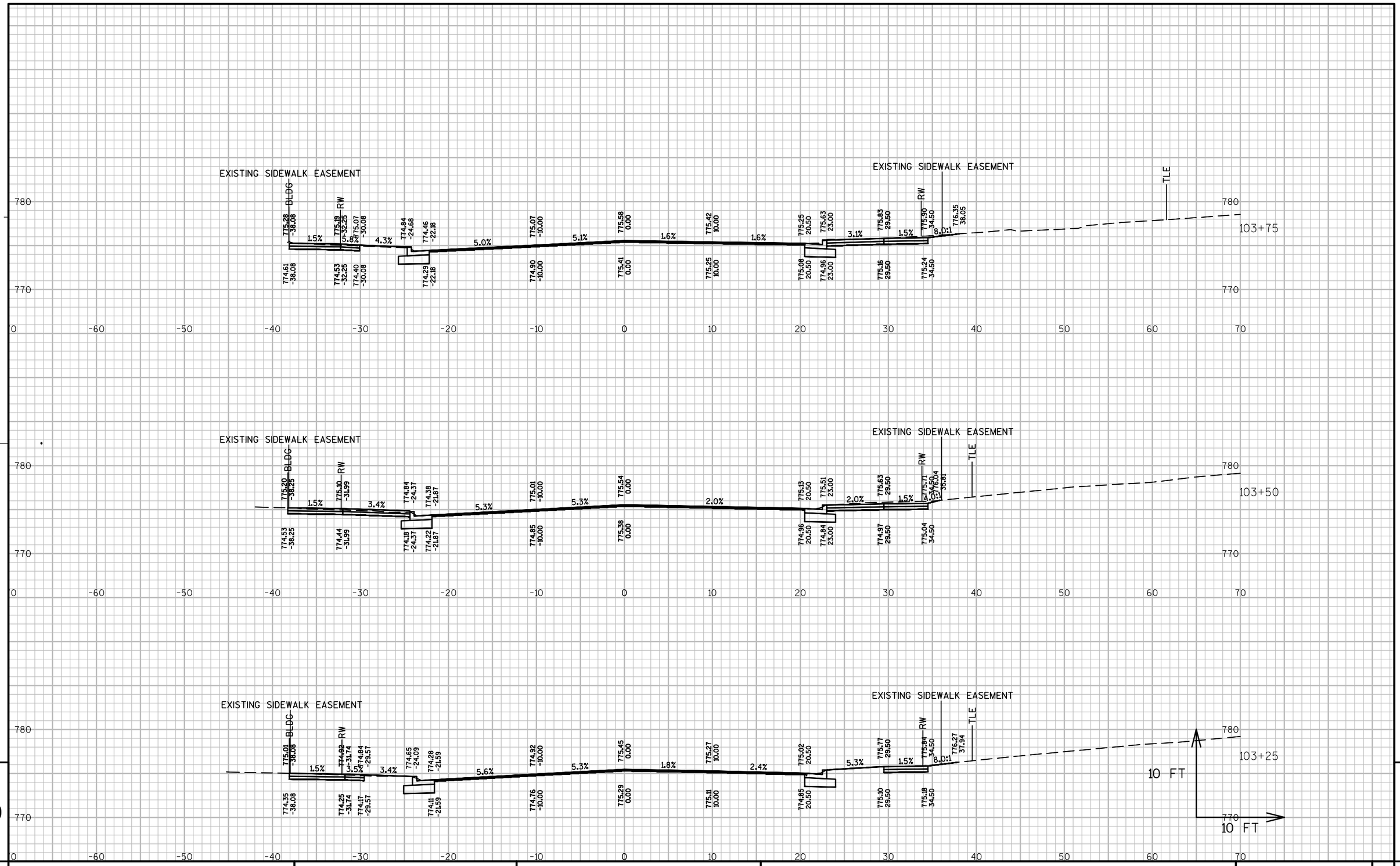
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PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 237	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (41)

PLOT DATE : 10/17/2014 3:40 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



9

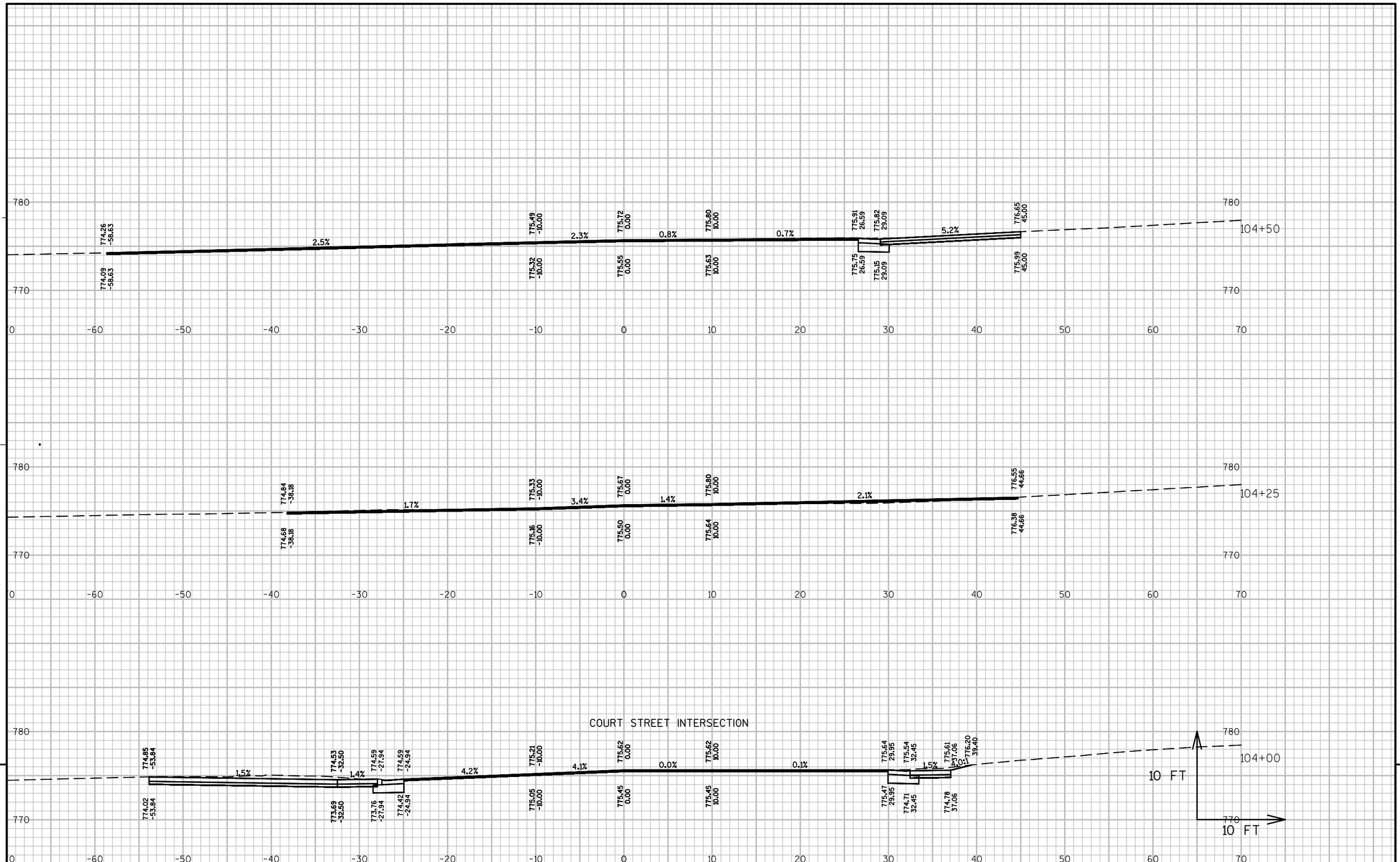
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PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 238	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (42)

PLOT DATE : 10/17/2014 3:41 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



9

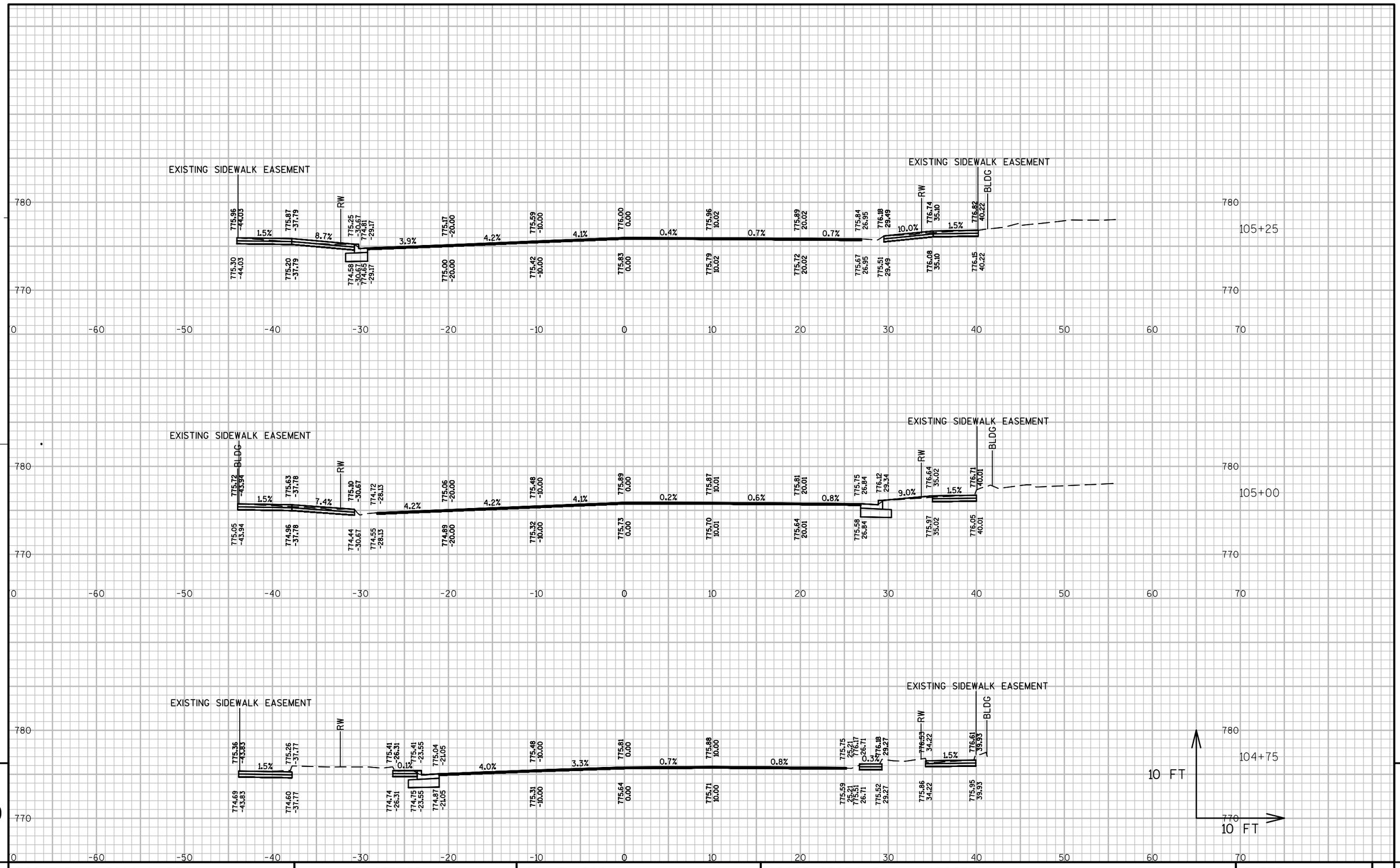
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PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 239 E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (43)

PLOT DATE : 10/17/2014 3:42 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



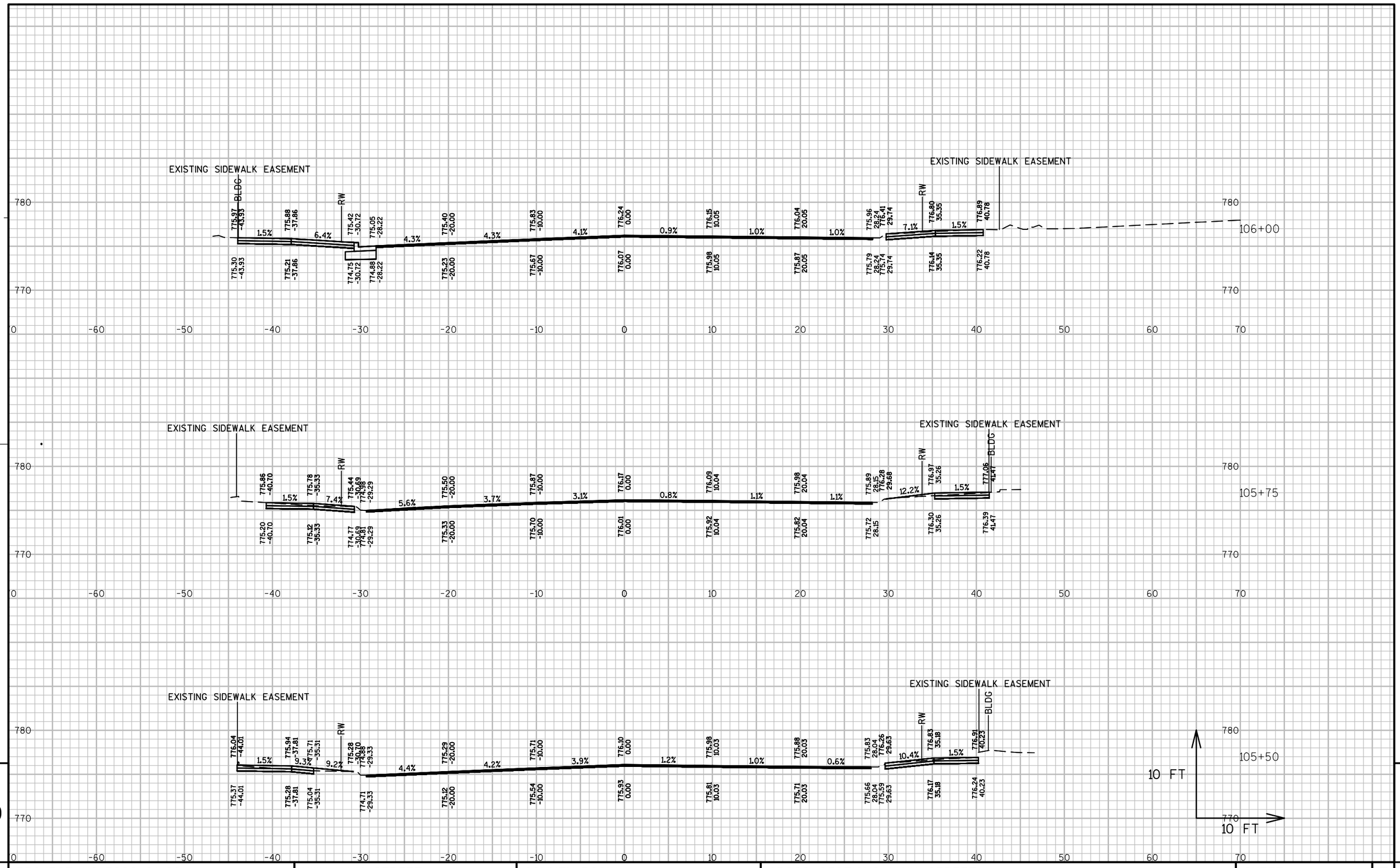
9

9

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 240	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (44)

PLOT DATE : 10/17/2014 3:43 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF



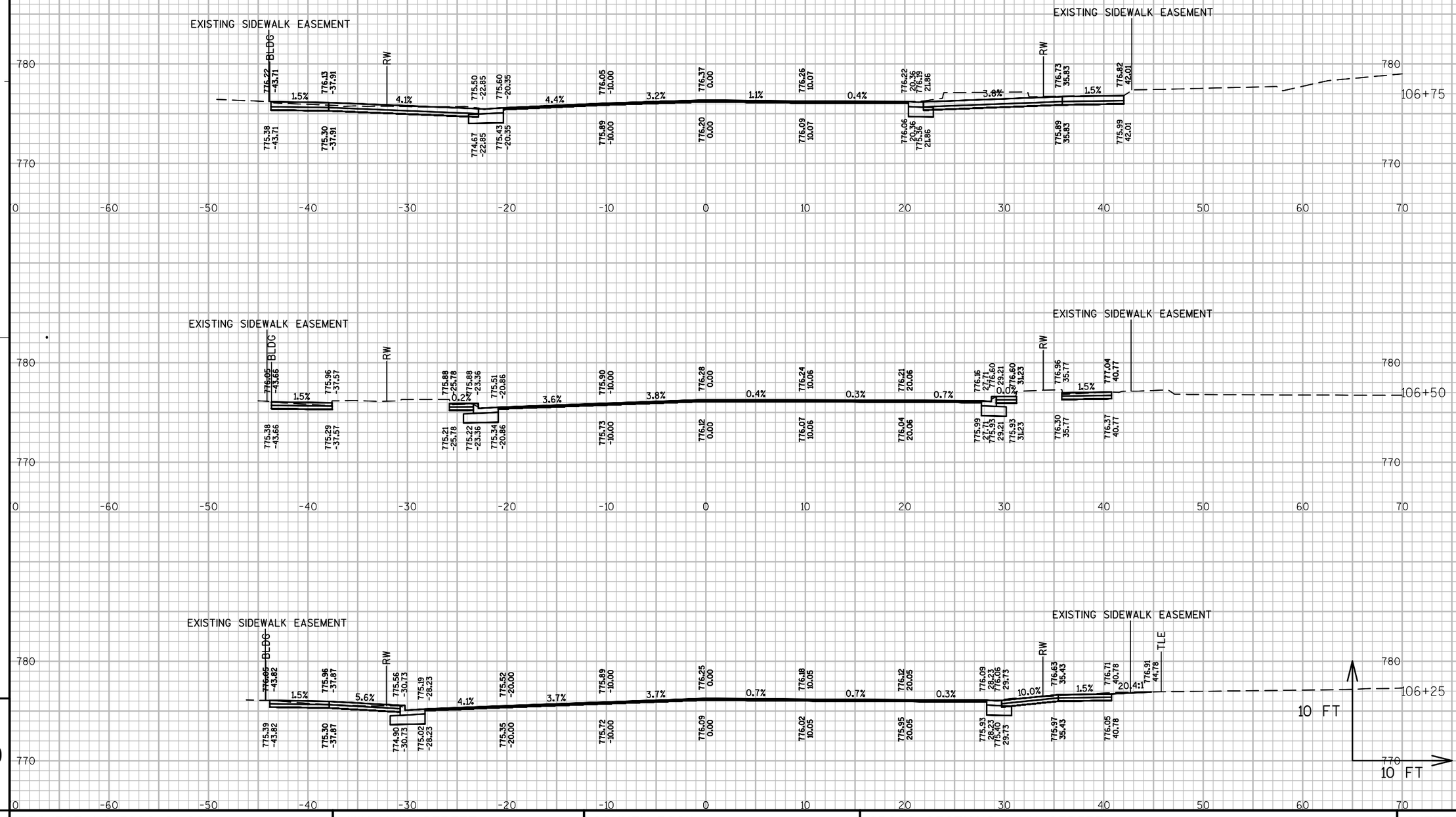
9

9

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 241	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (45)

PLOT DATE : 10/17/2014 3:45 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

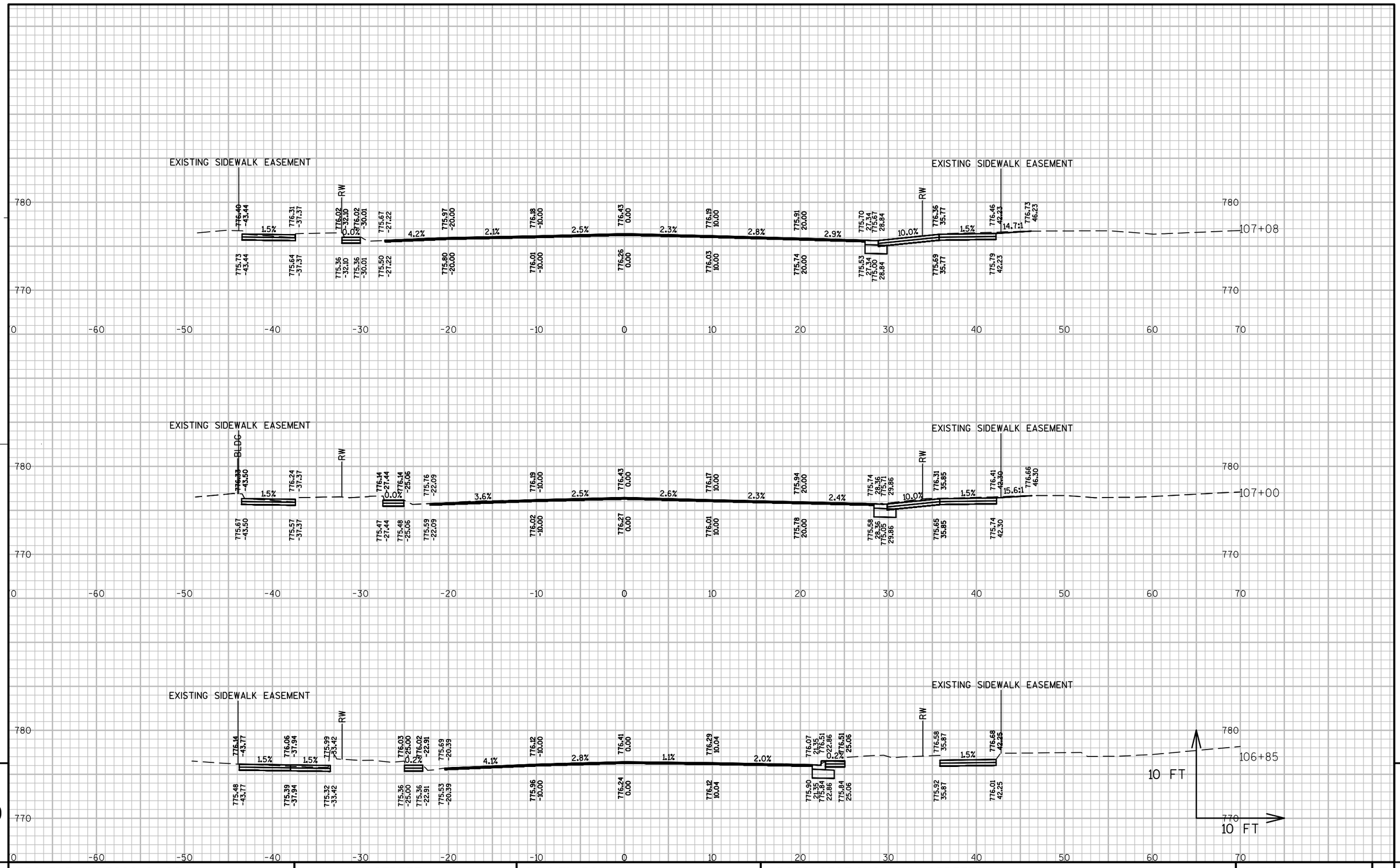


9

9

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 242	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (46)
PLOT DATE : 10/17/2014 3:46 PM
PLOT BY : CHAD WAGNER
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



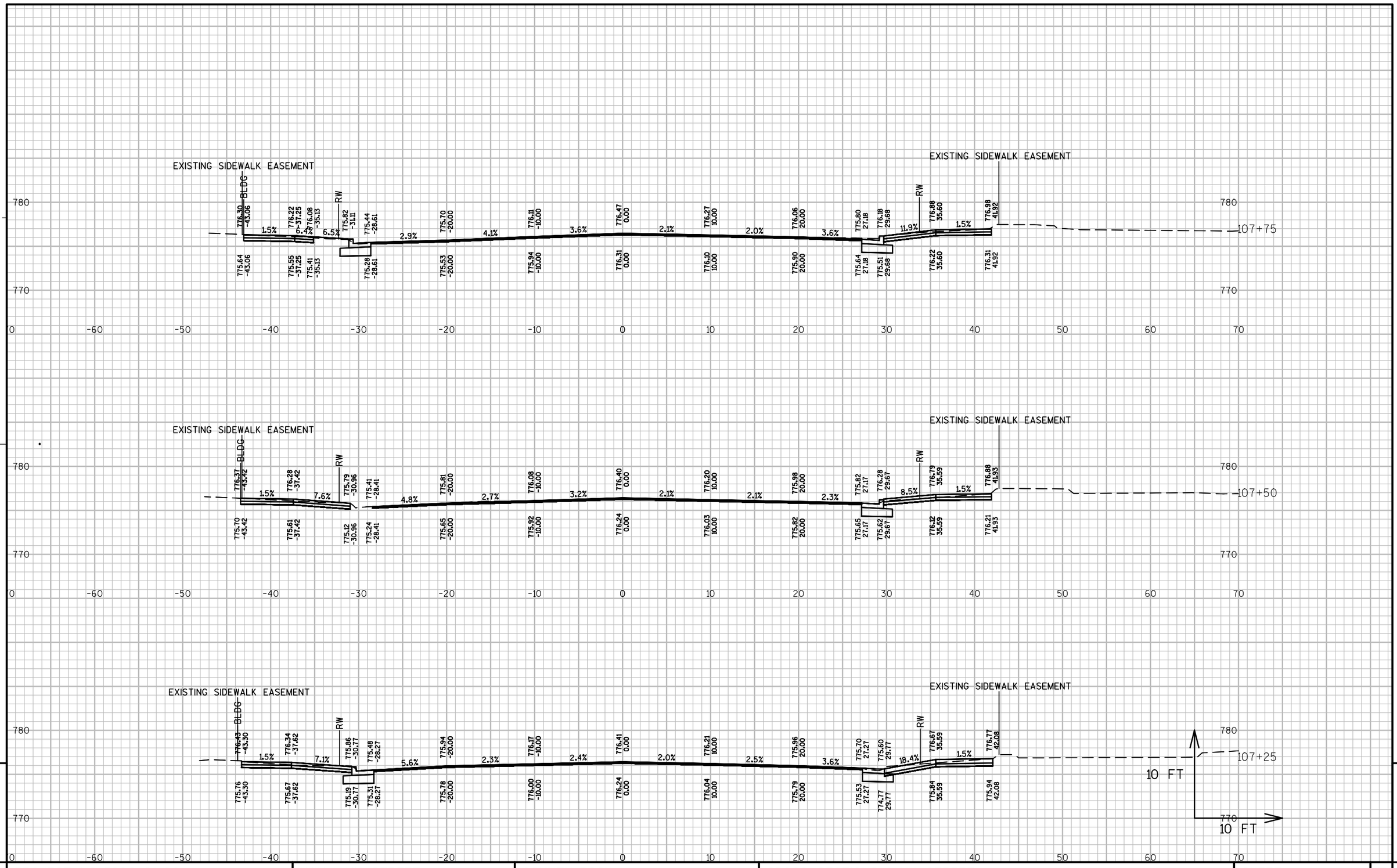
9

9

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 243	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (47)

PLOT DATE : 12/17/2014 2:17 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF



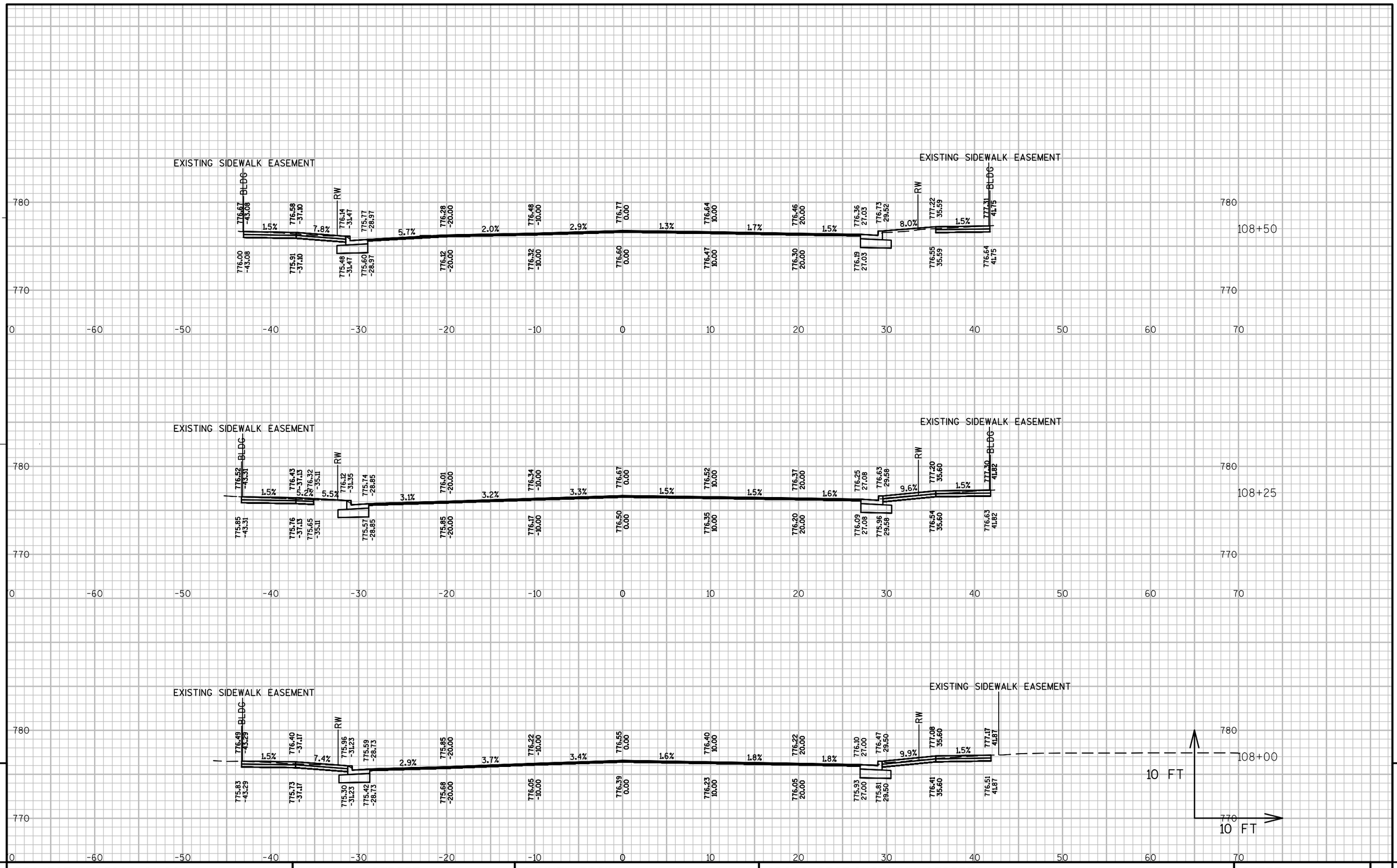
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9

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 244	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (48)

PLOT DATE : 10/17/2014 3:48 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF



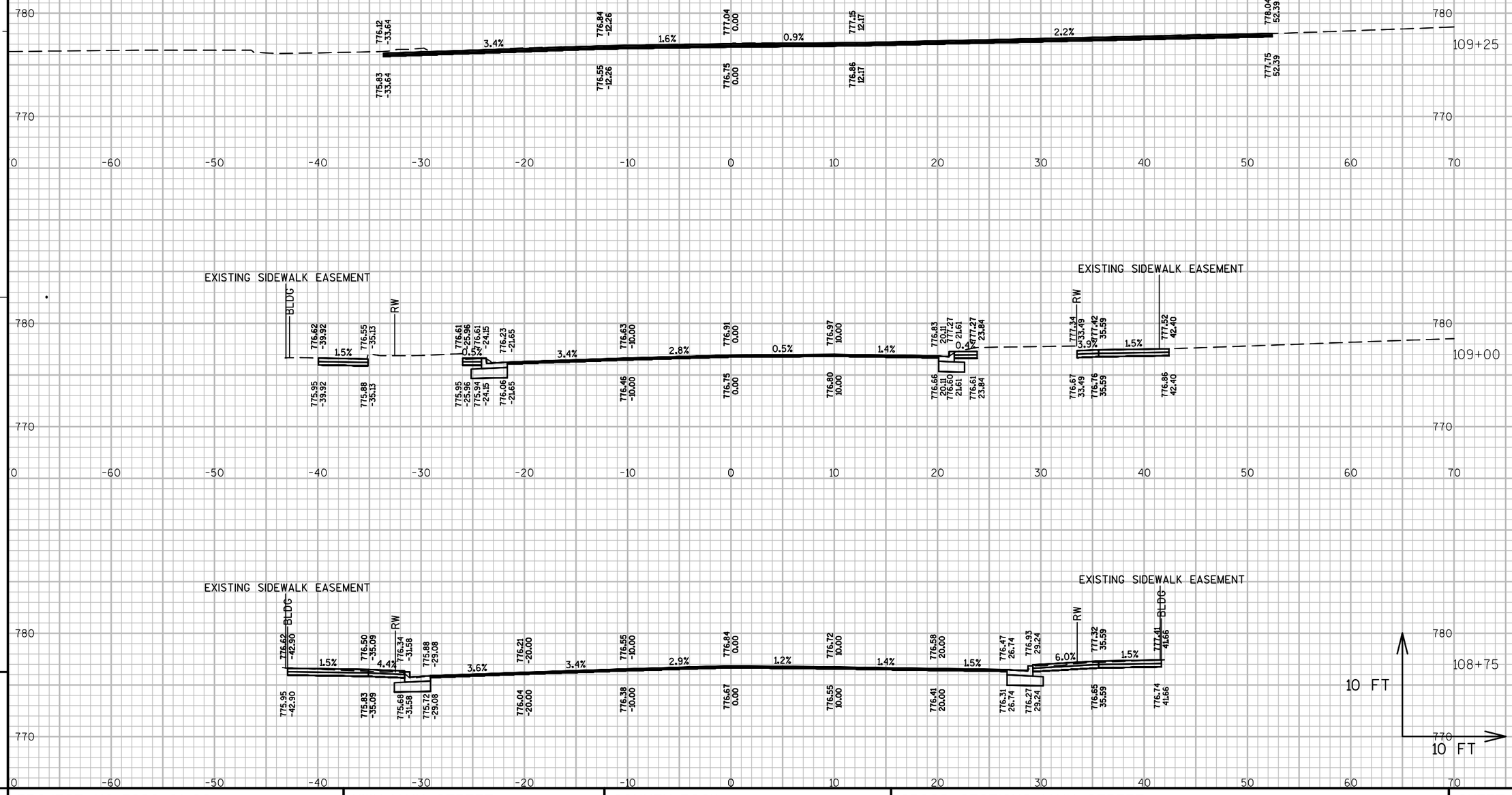
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9

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 245	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (49)
PLOT DATE : 12/17/2014 2:22 PM
PLOT BY : CHAD WAGNER
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49

MILWAUKEE STREET INTERSECTION



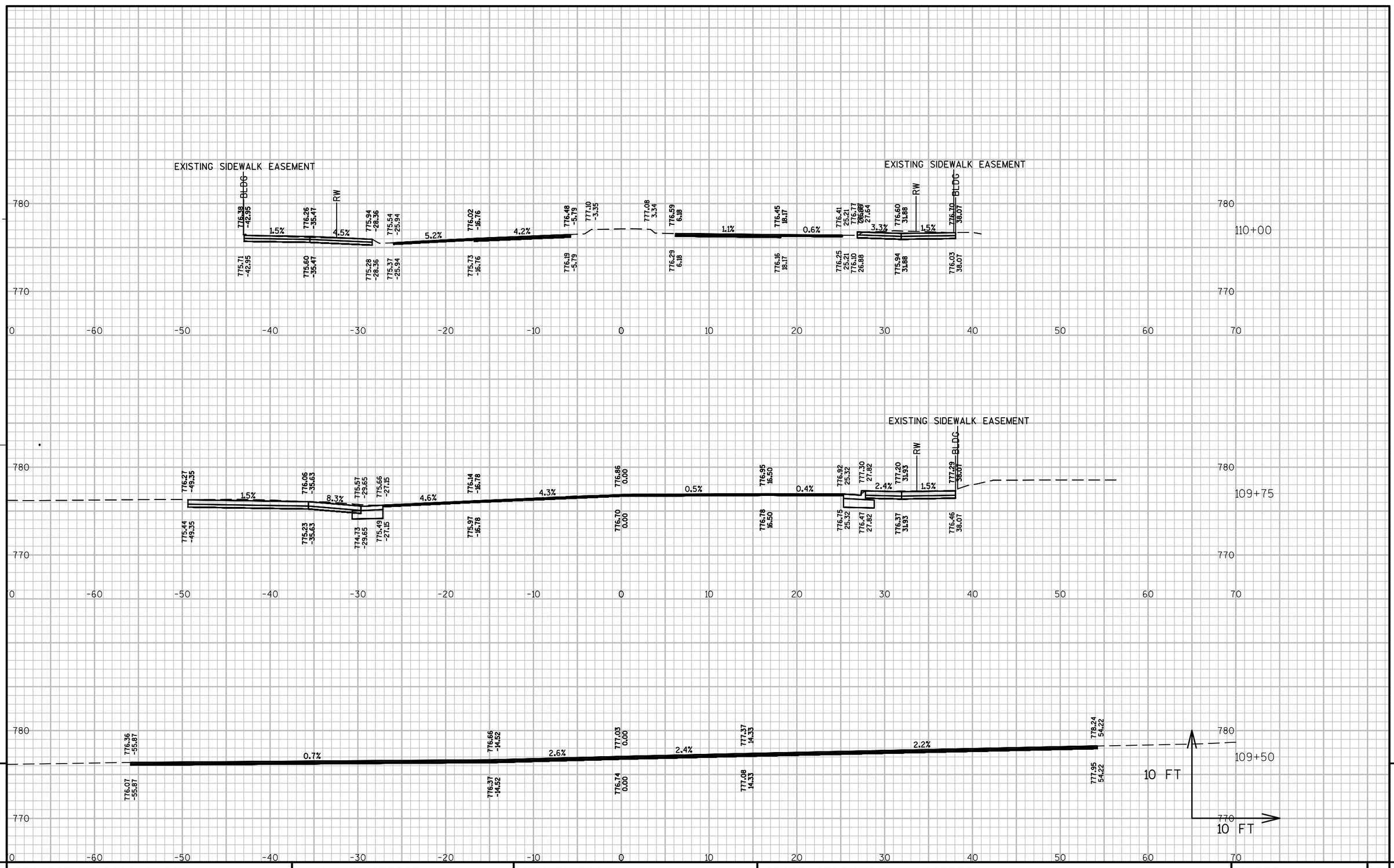
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9

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 246	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (50)

PLOT DATE : 10/17/2014 3:51 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF



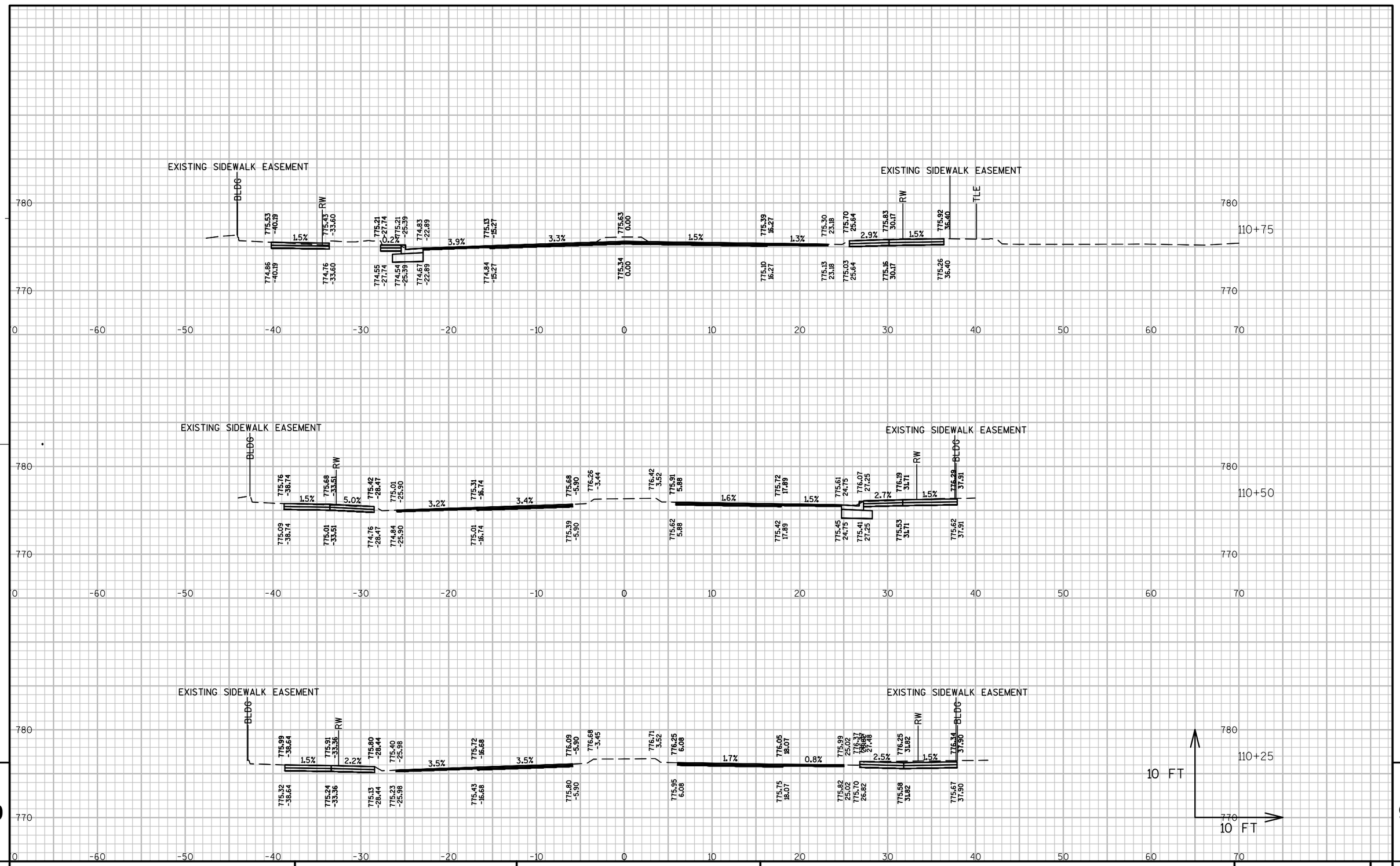
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PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 247	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (51)

PLOT DATE : 10/17/2014 3:52 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF



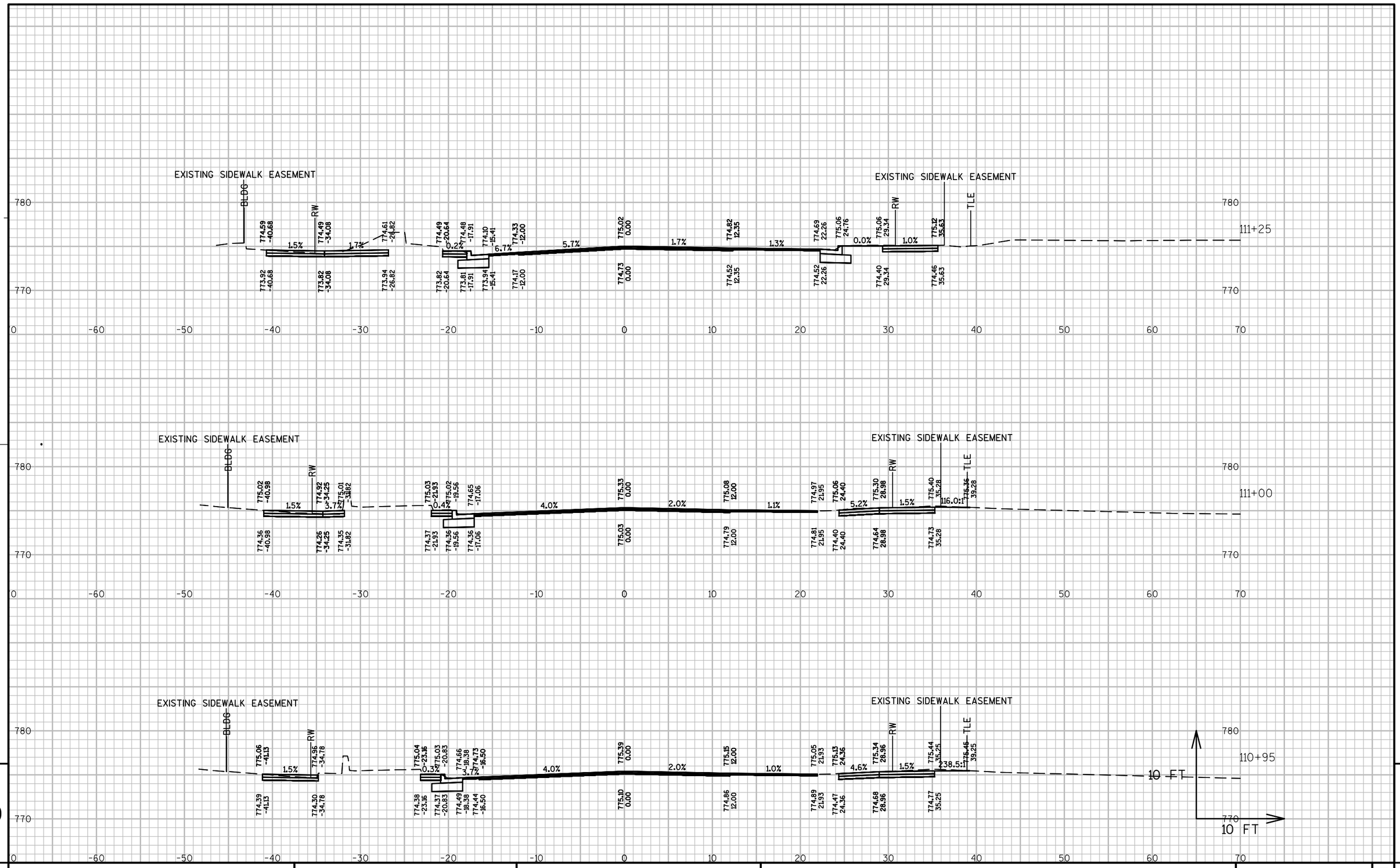
9

9

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 248	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (52)

PLOT DATE : 10/17/2014 3:53 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF



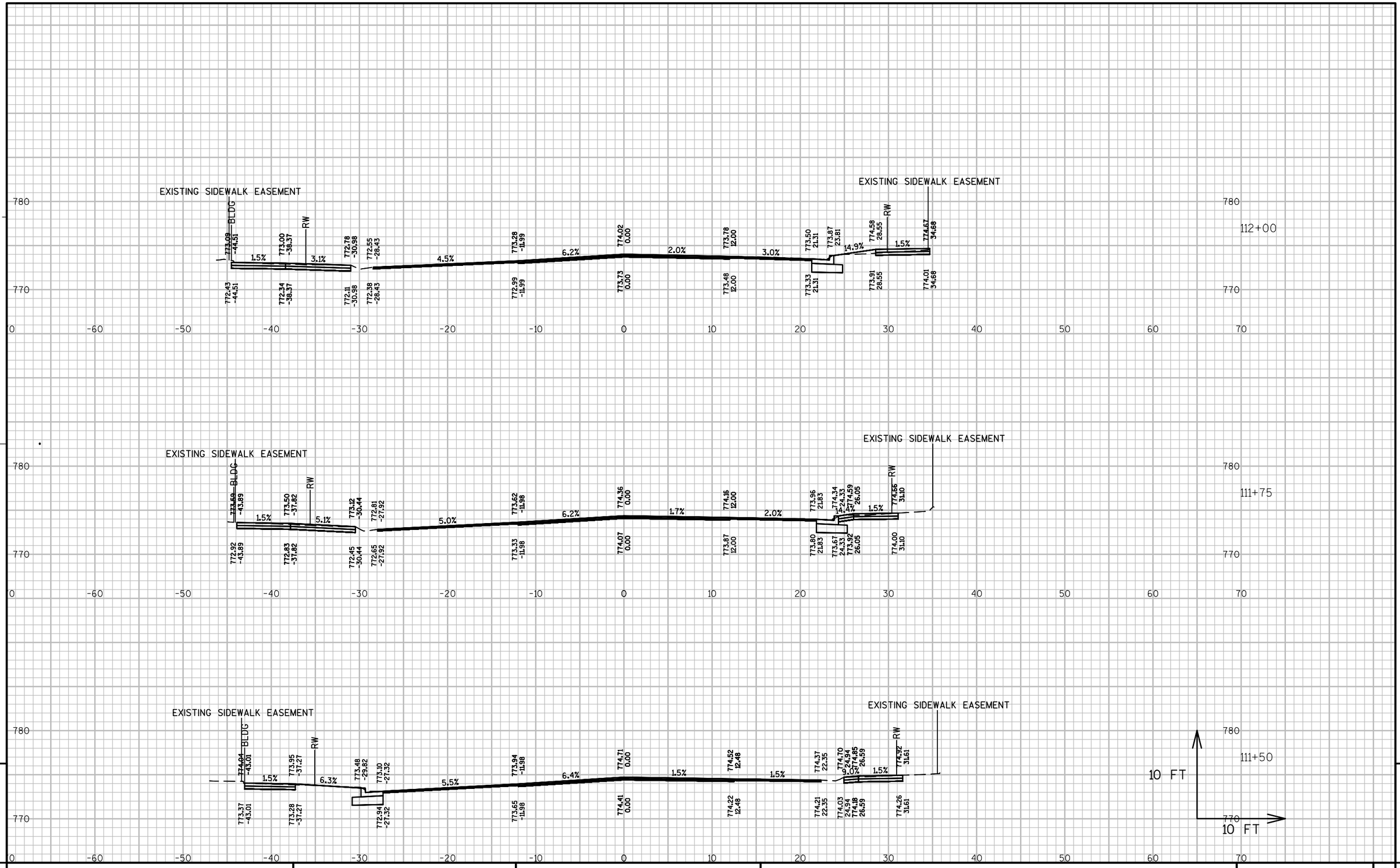
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9

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 249	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (53)

PLOT DATE : 10/17/2014 3:55 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

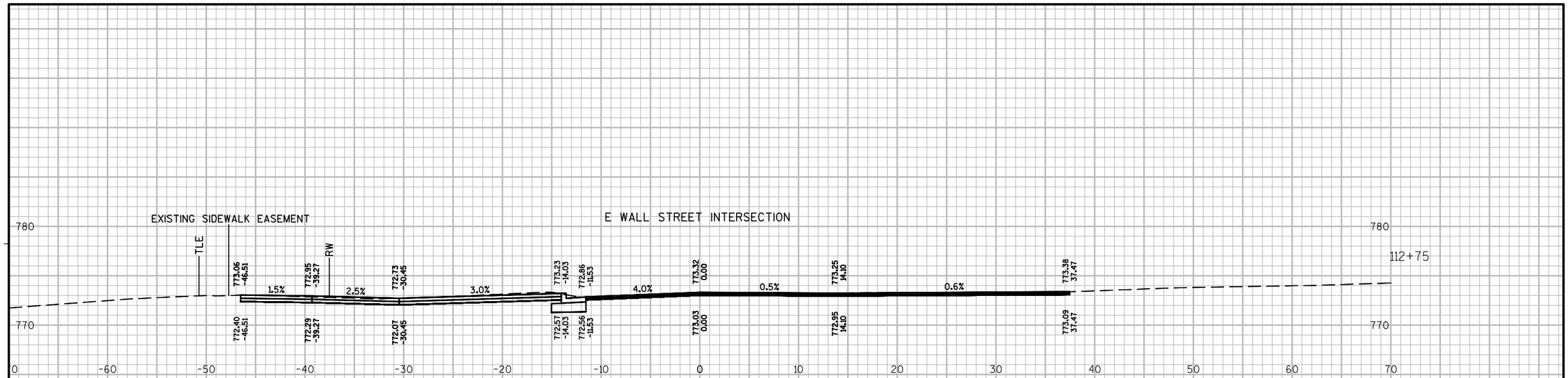


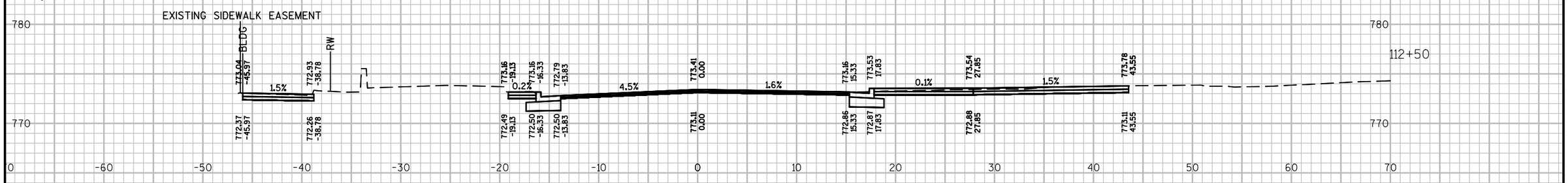
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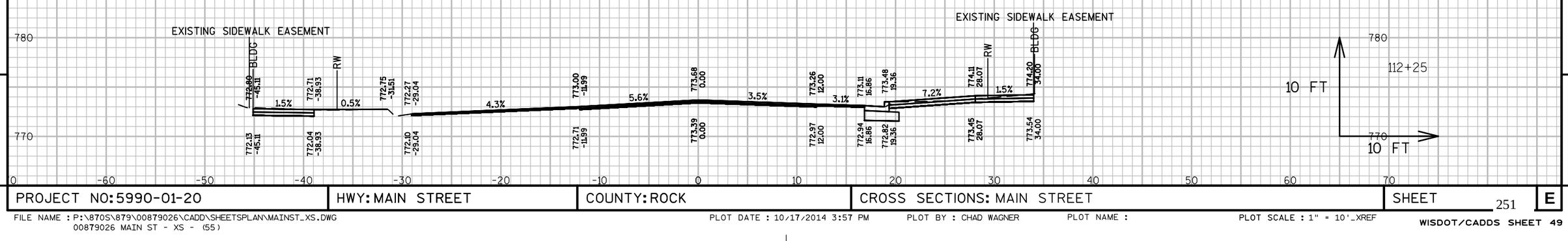
9

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 250	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (54)
PLOT DATE : 10/17/2014 3:56 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49







9

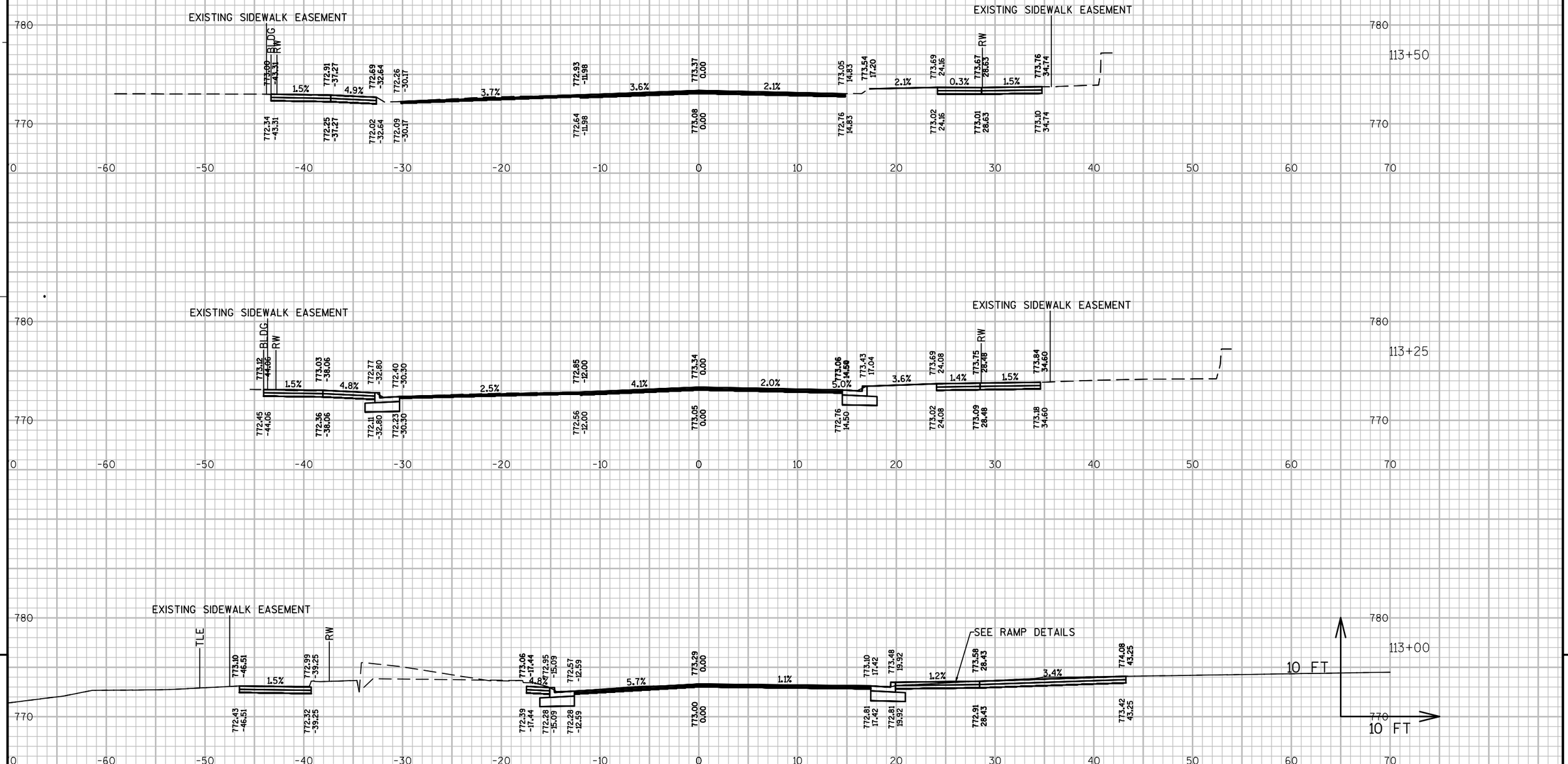
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PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 251	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (55)

PLOT DATE : 10/17/2014 3:57 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



9

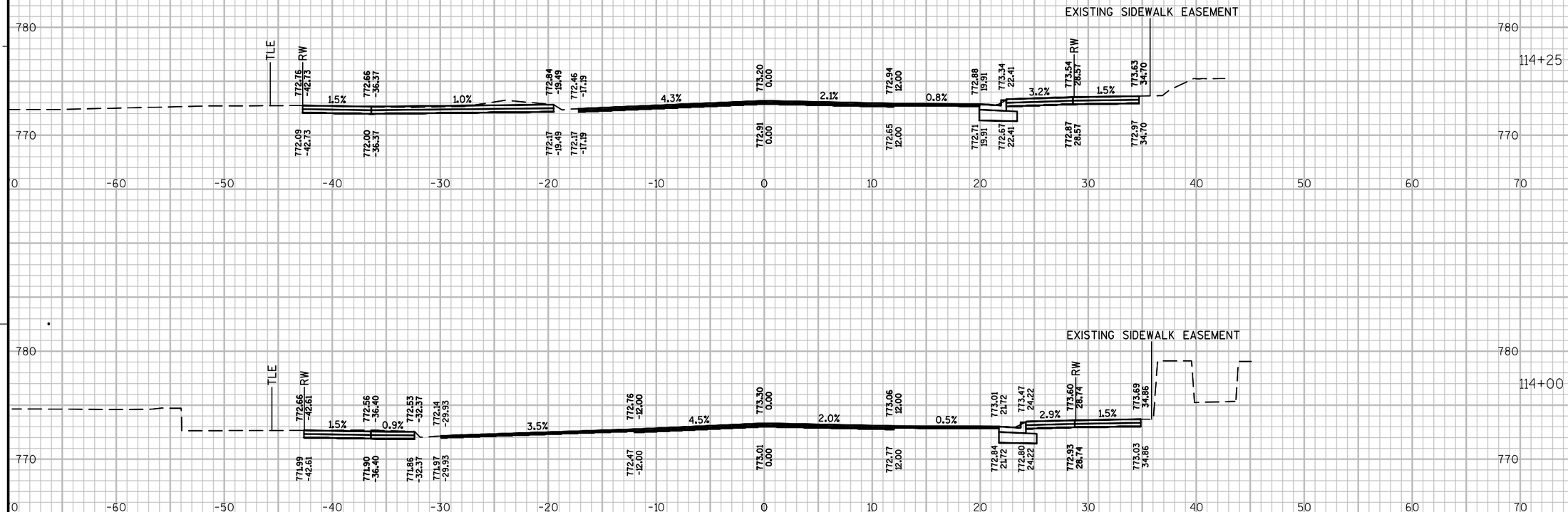
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PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 252	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (56)

PLOT DATE : 10/17/2014 3:58 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



9

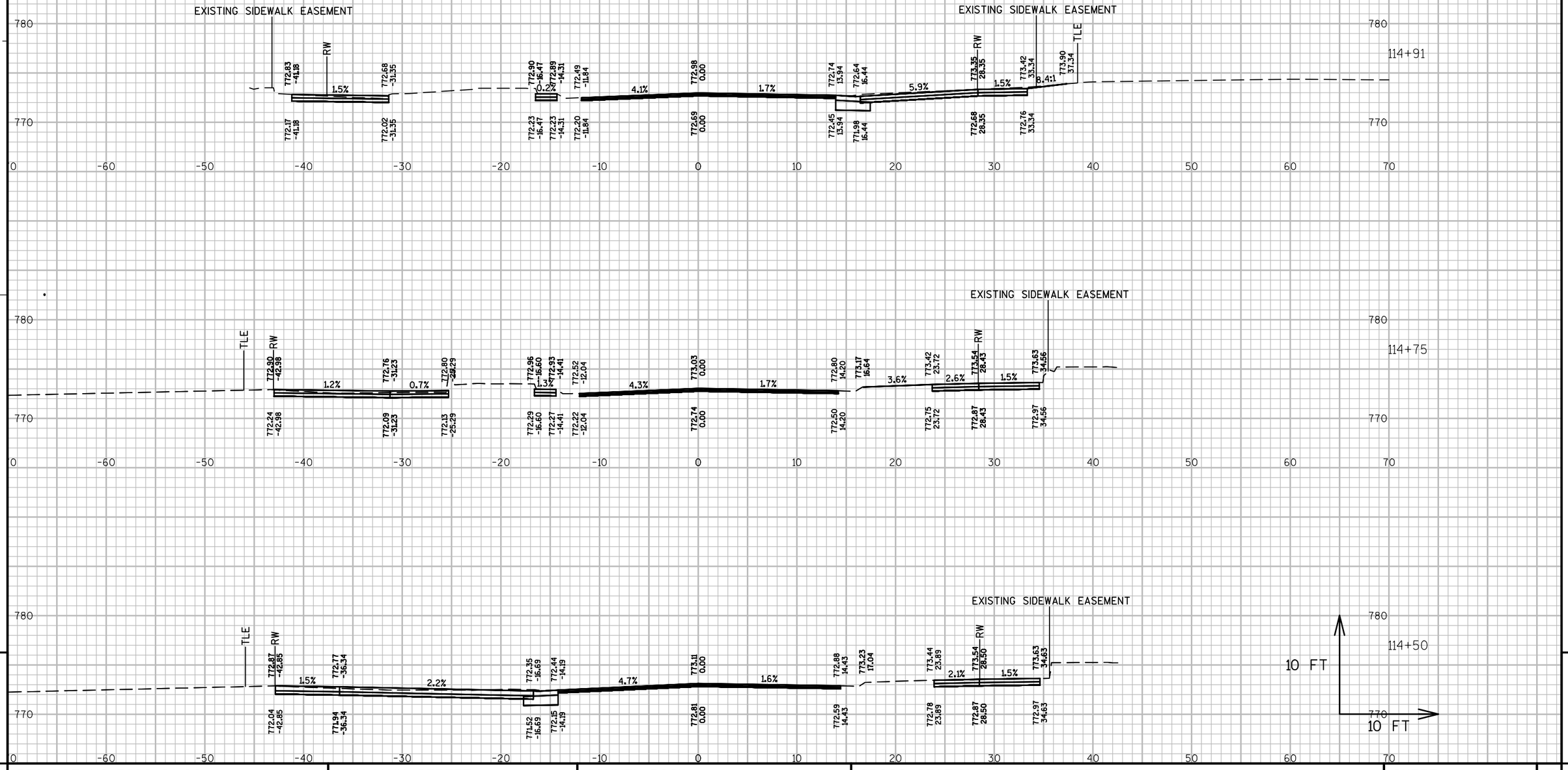
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PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 253	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (57)

PLOT DATE : 10/17/2014 4:00 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



9

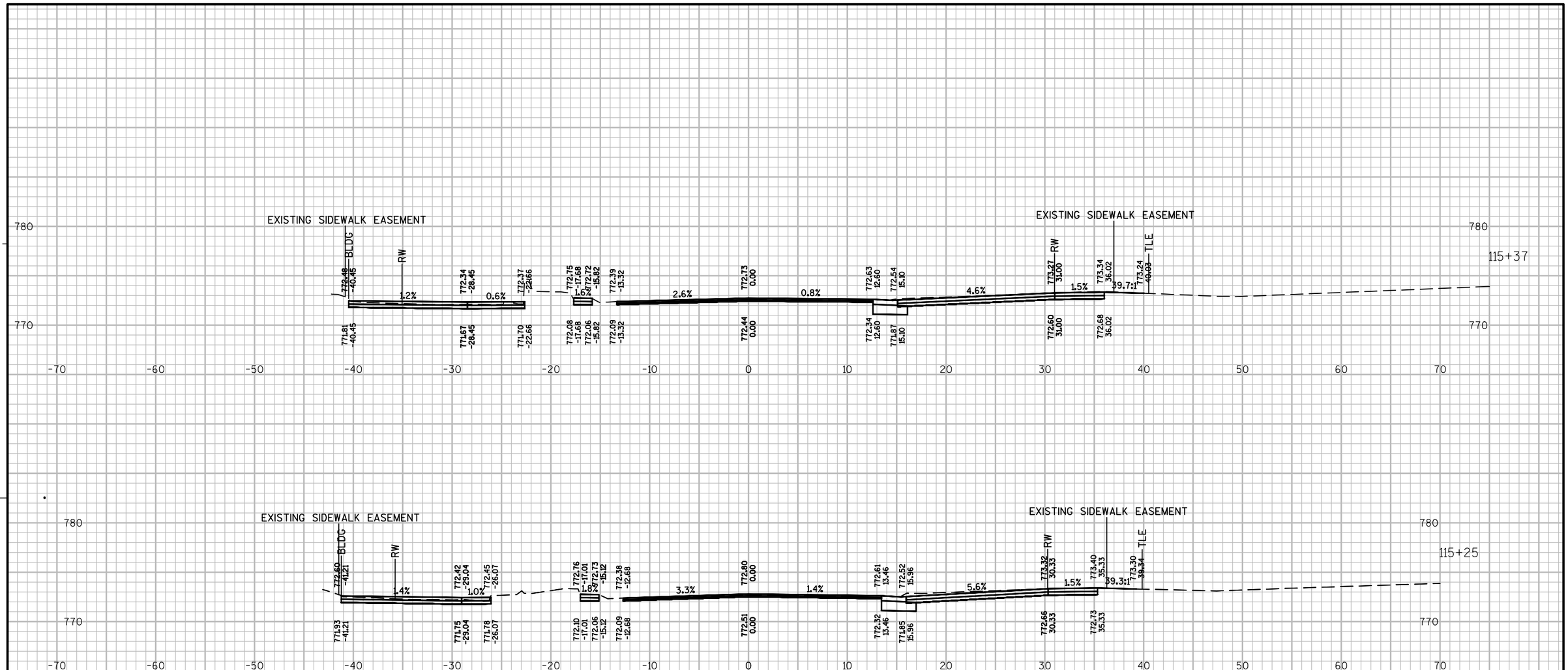
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PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 254	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (58)

PLOT DATE : 10/17/2014 4:01 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



9

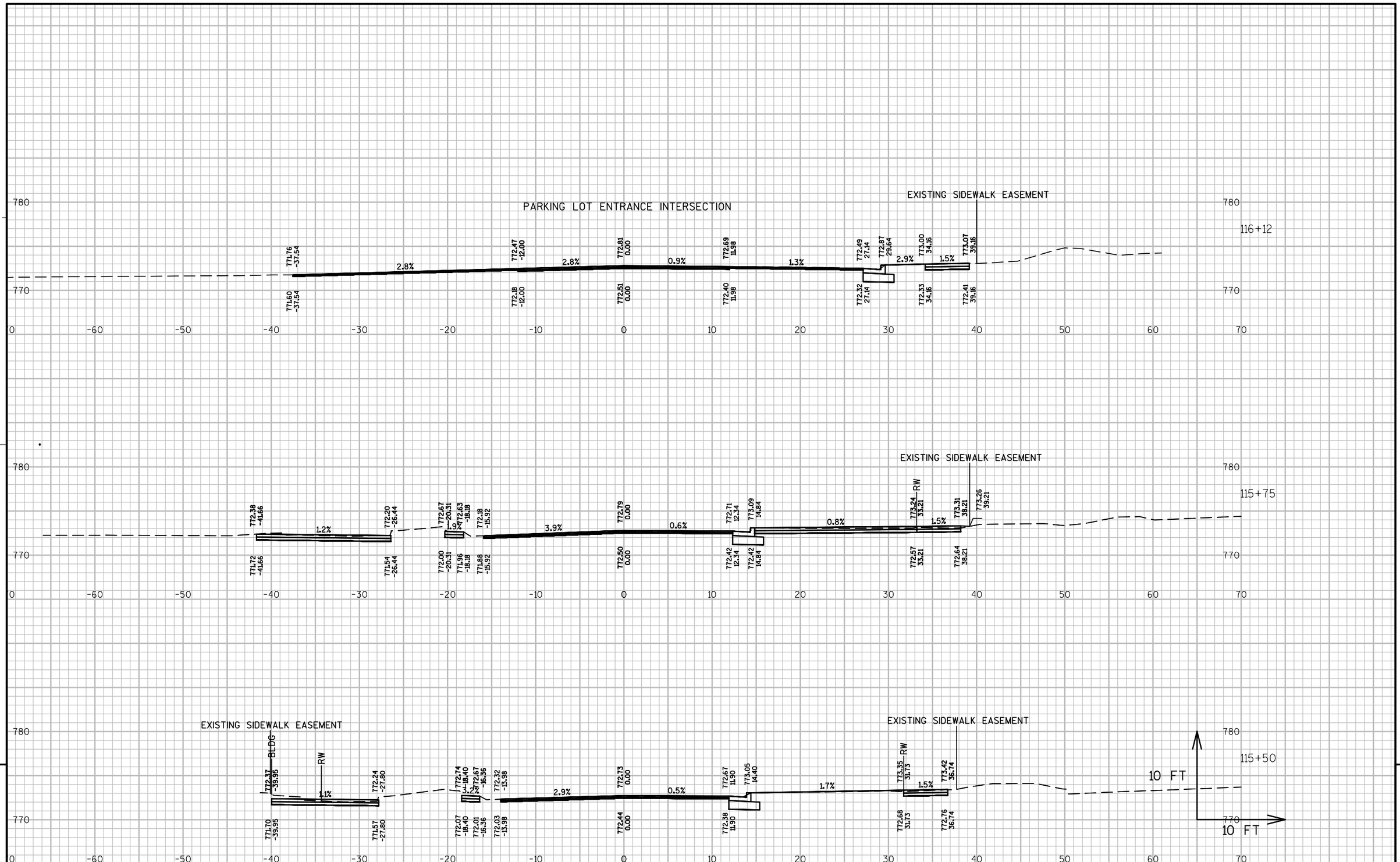
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PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 255	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (59)

PLOT DATE : 10/17/2014 4:02 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49

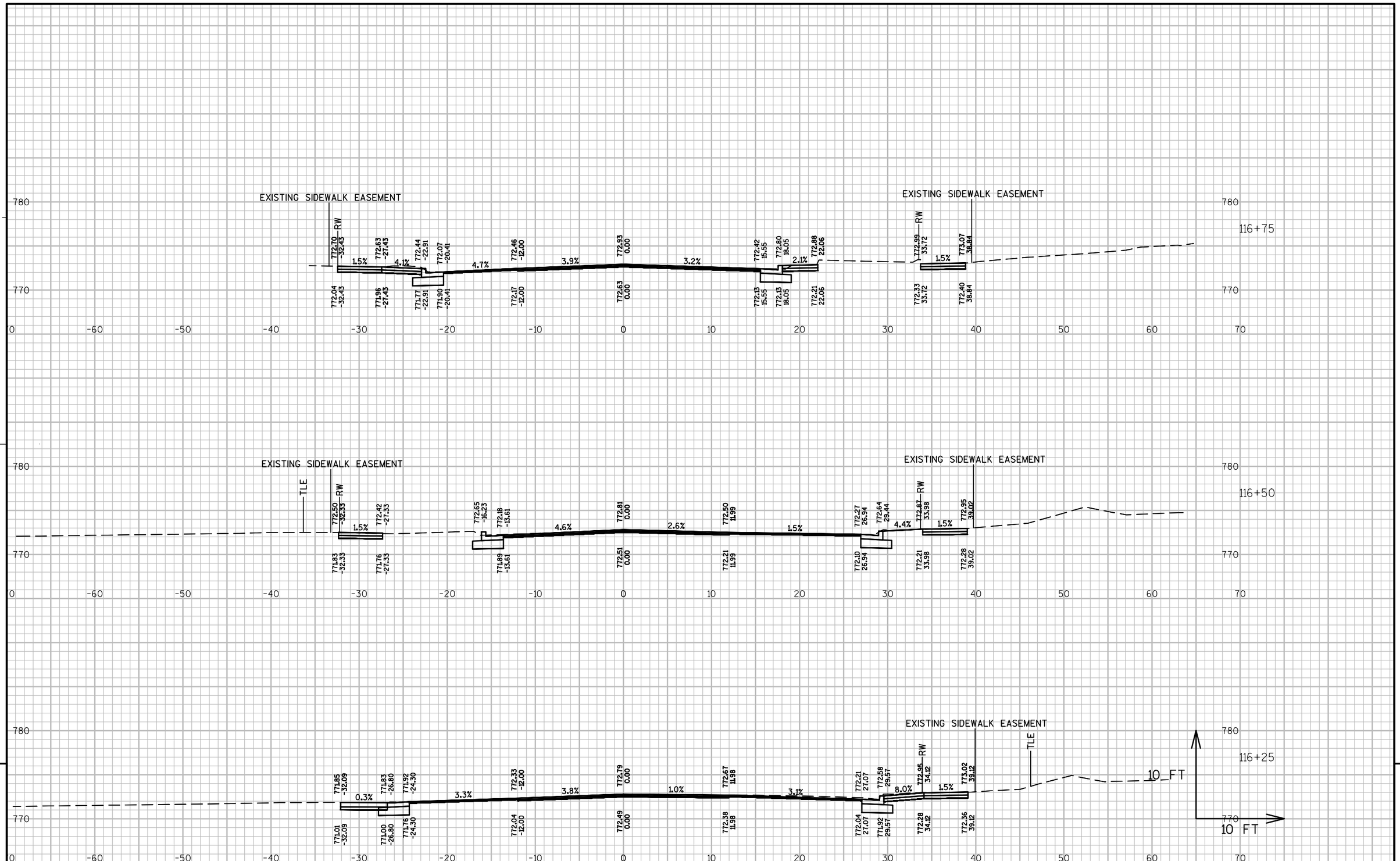


PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 256	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (60)

PLOT DATE : 10/17/2014 4:03 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



9

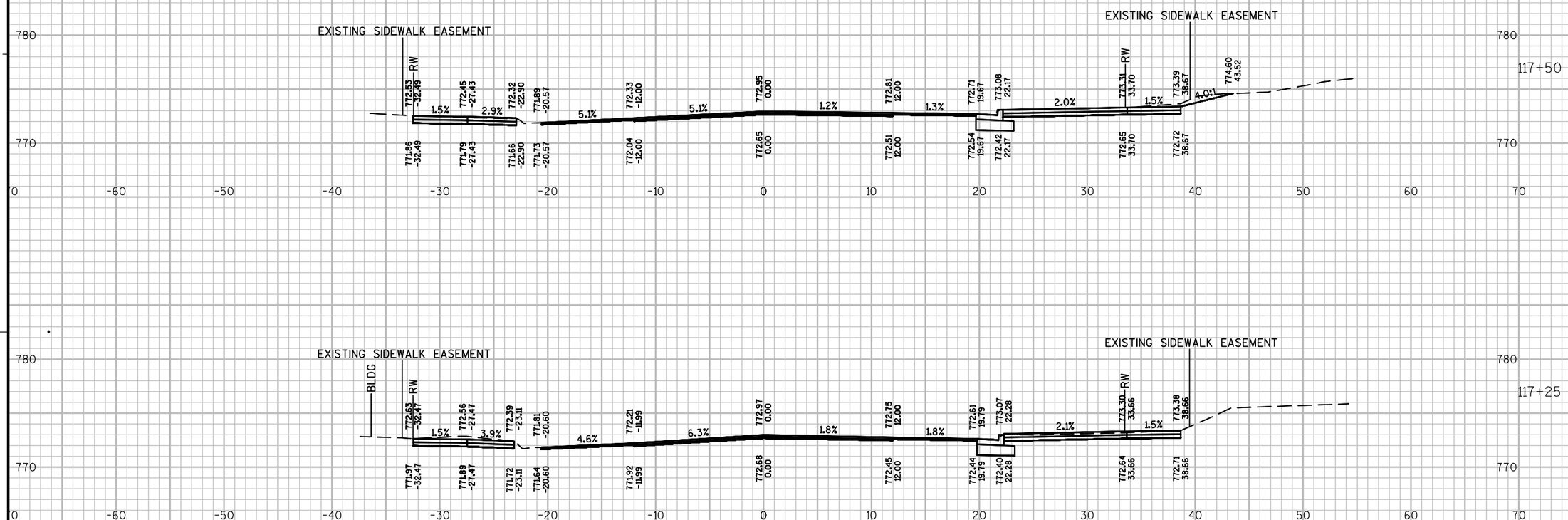
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PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 257	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (61)

PLOT DATE : 10/30/2014 11:34 AM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



9

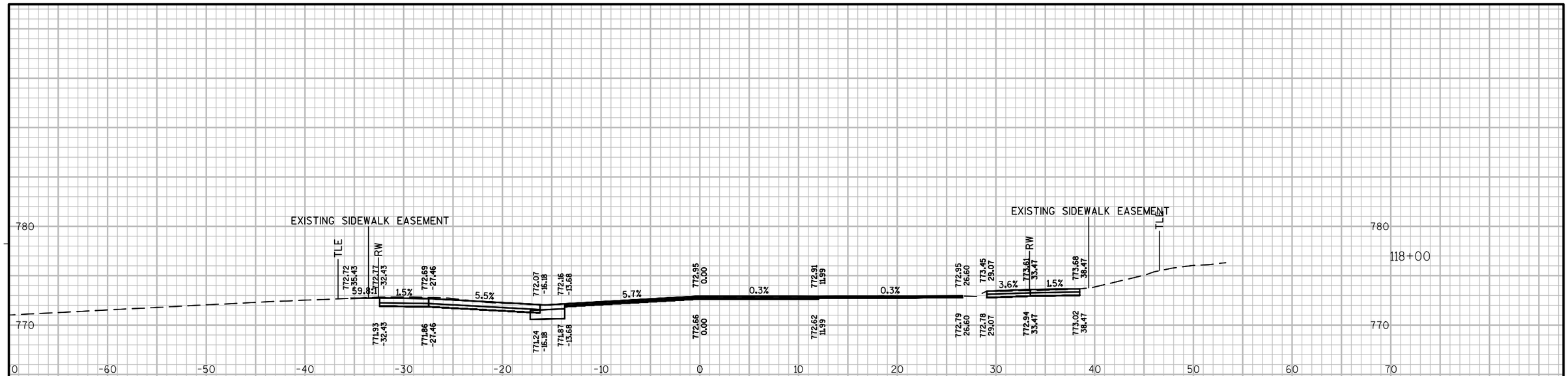
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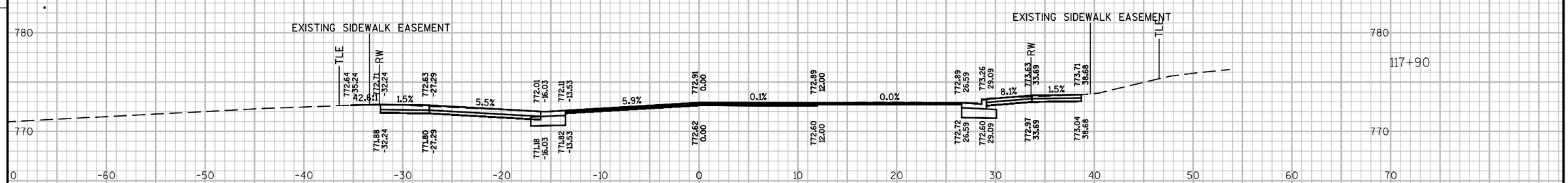
PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 258	E

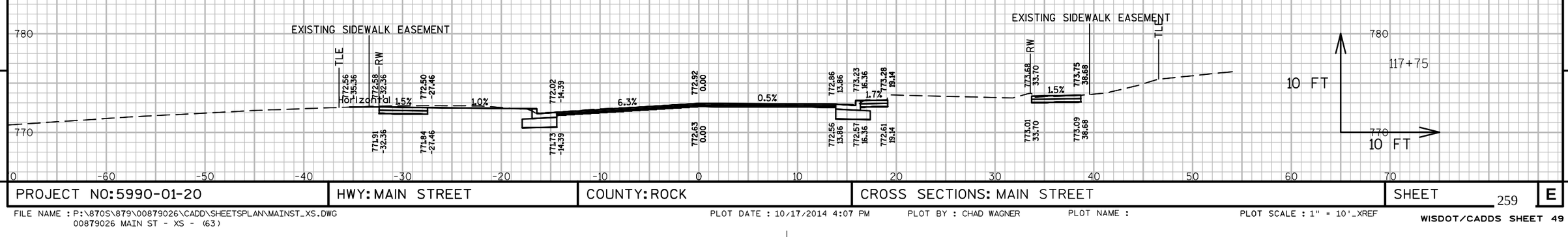
FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (62)

PLOT DATE : 10/17/2014 4:06 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49







9

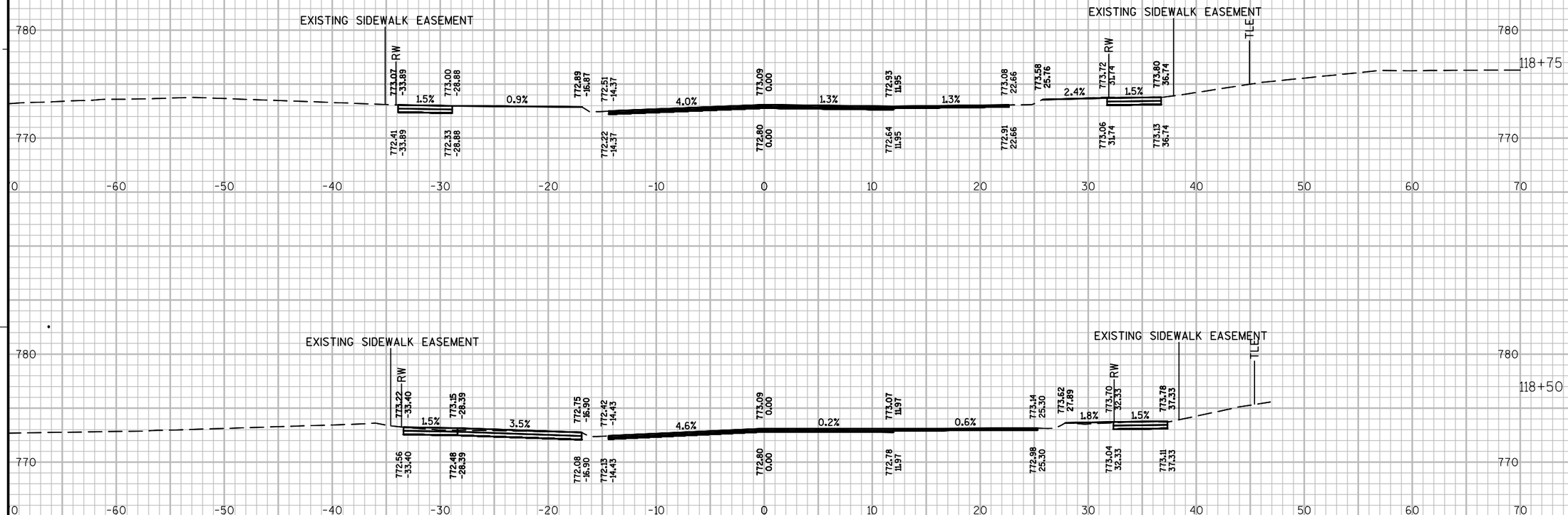
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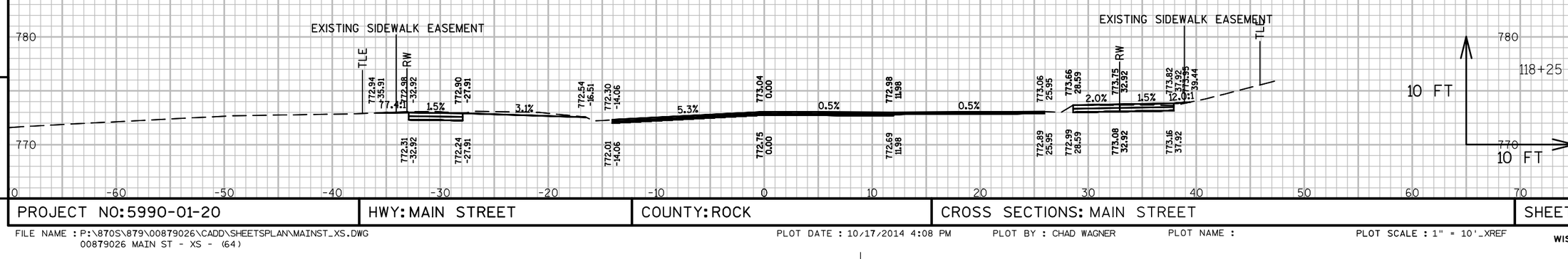
PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 259	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (63)

PLOT DATE : 10/17/2014 4:07 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49





9

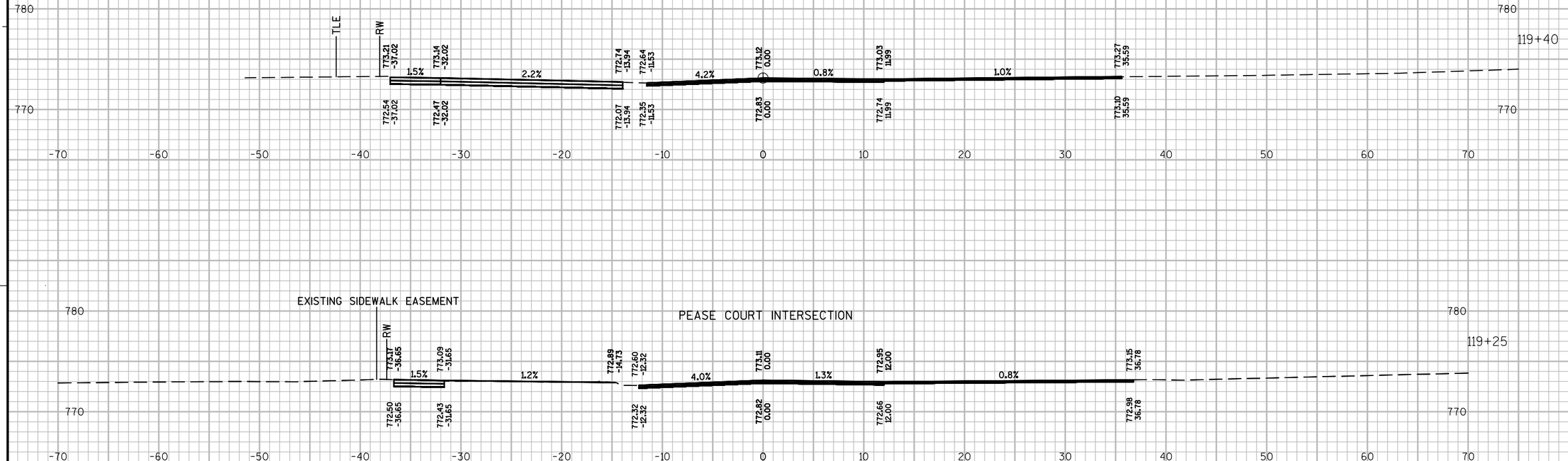
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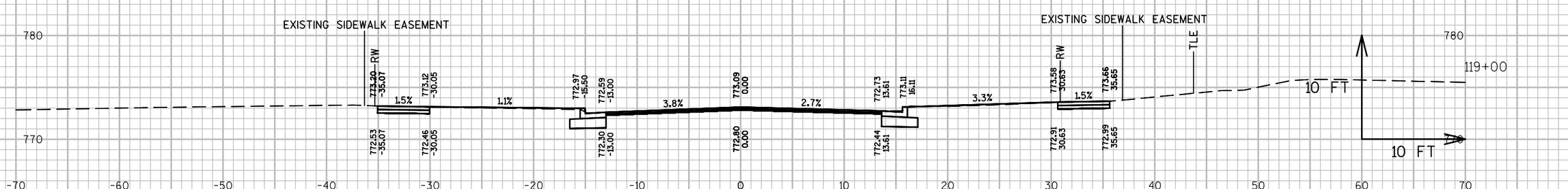
PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 260	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (64)

PLOT DATE : 10/17/2014 4:08 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49





9

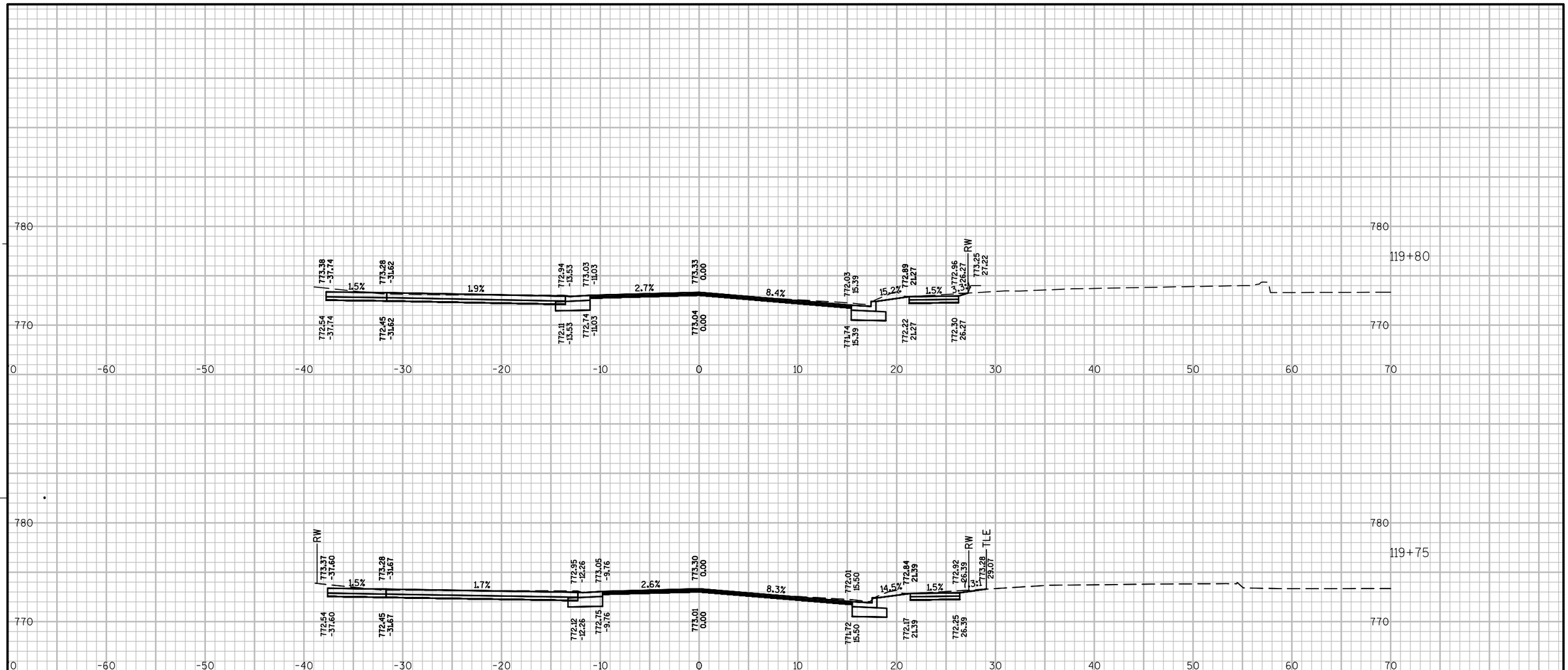
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PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 261	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (65)

PLOT DATE : 10/30/2014 11:32 AM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



9

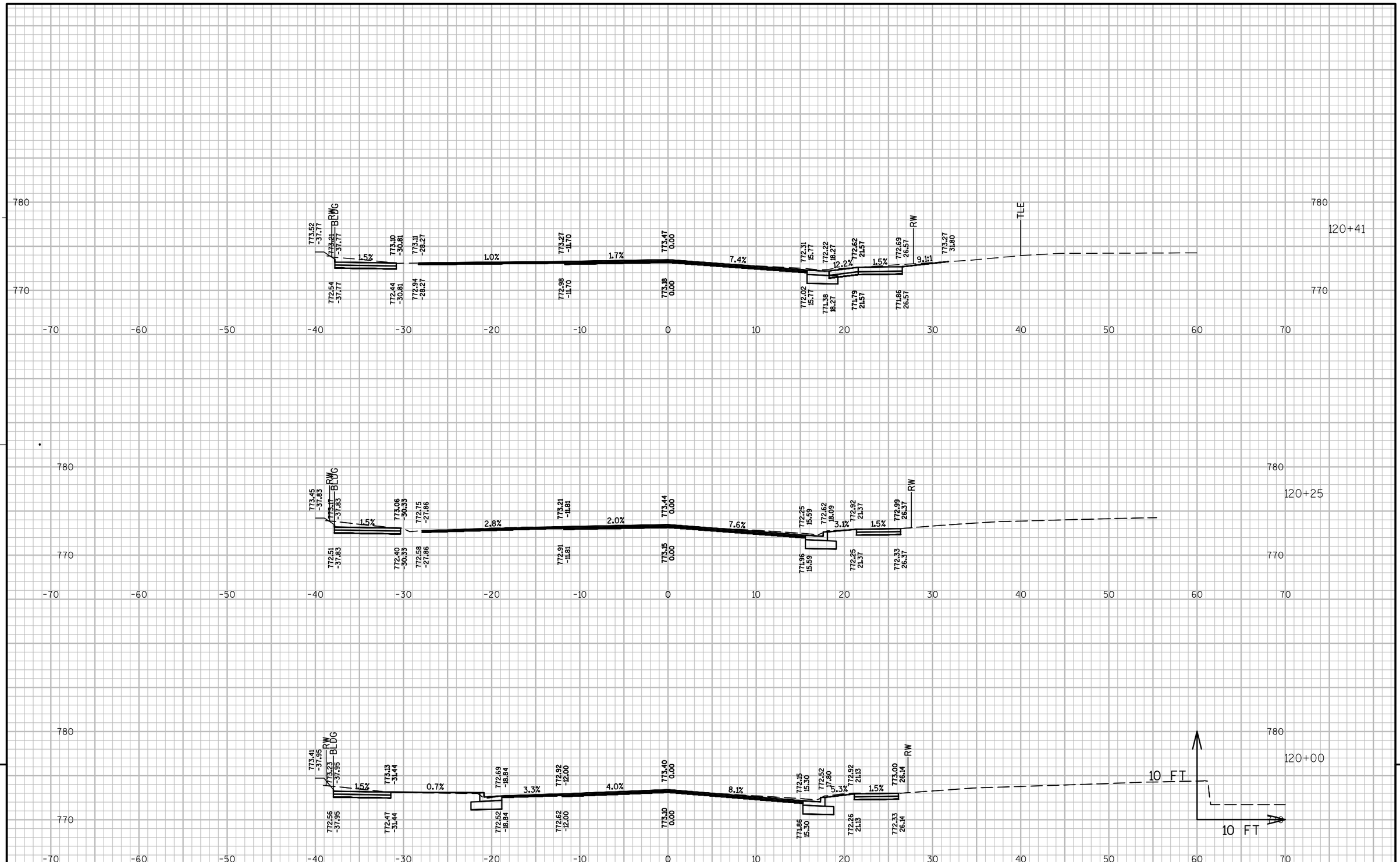
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PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 262	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (66)

PLOT DATE : 10/17/2014 4:11 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



9

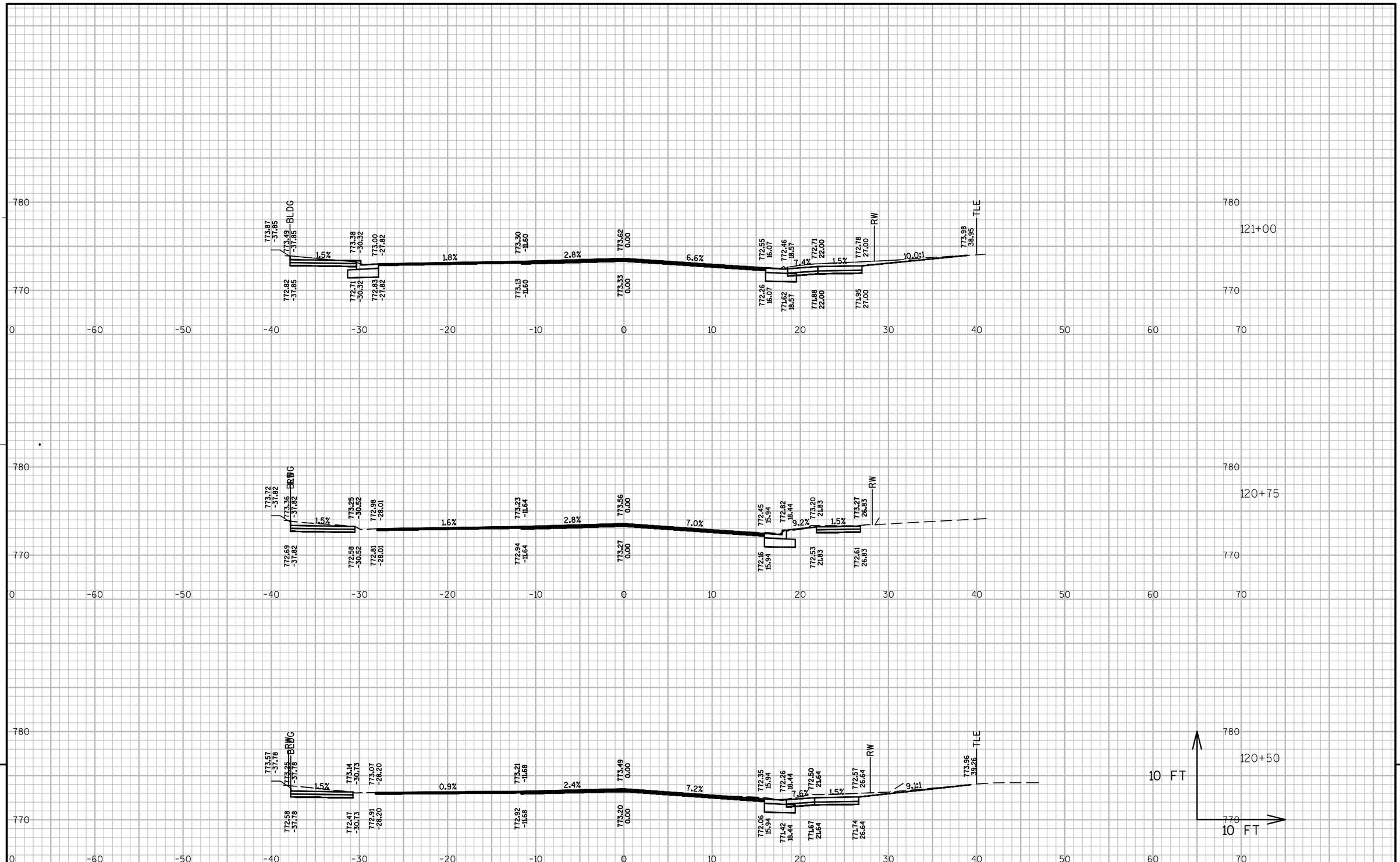
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PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 263 E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (67)

PLOT DATE : 10/17/2014 4:12 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49

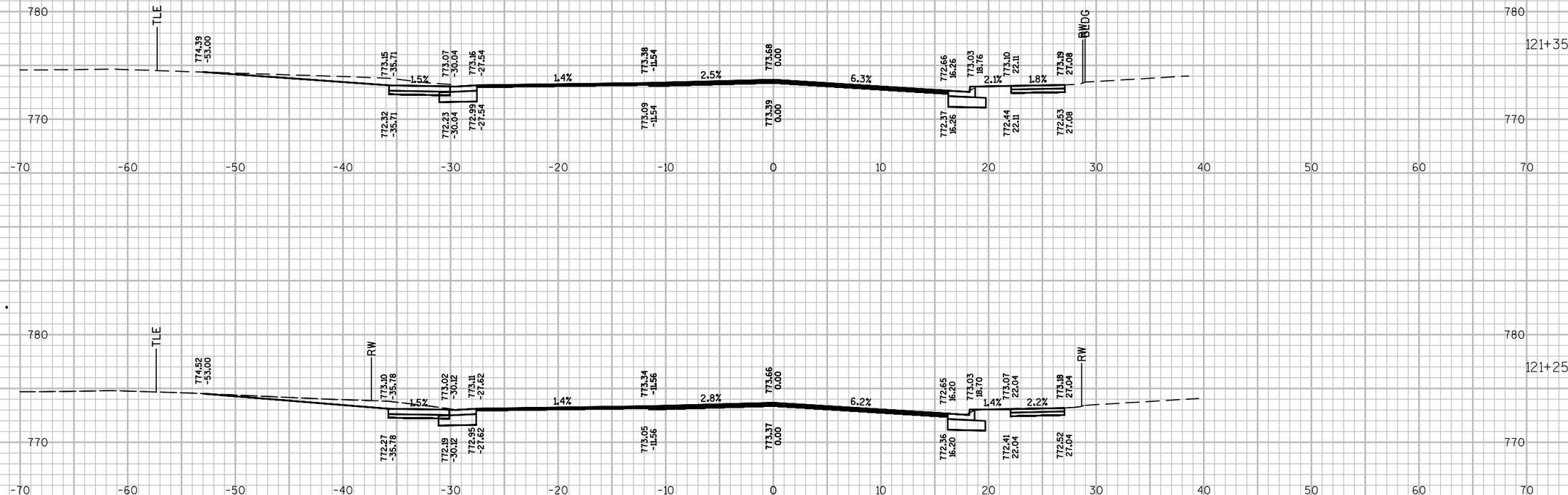


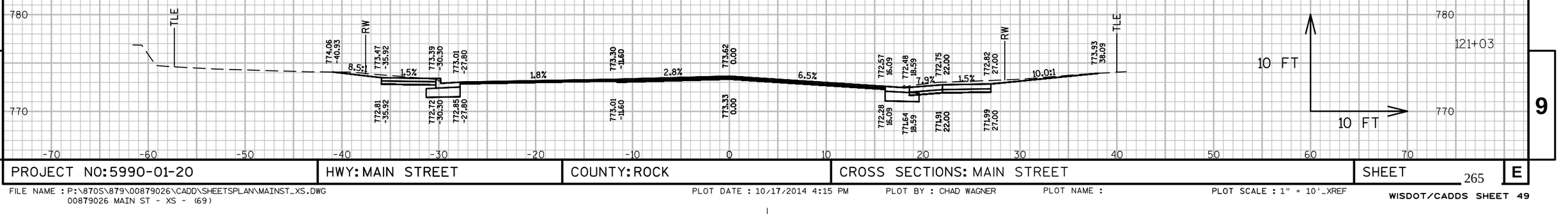
PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 264 E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (68)

PLOT DATE : 10/17/2014 4:13 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49





9

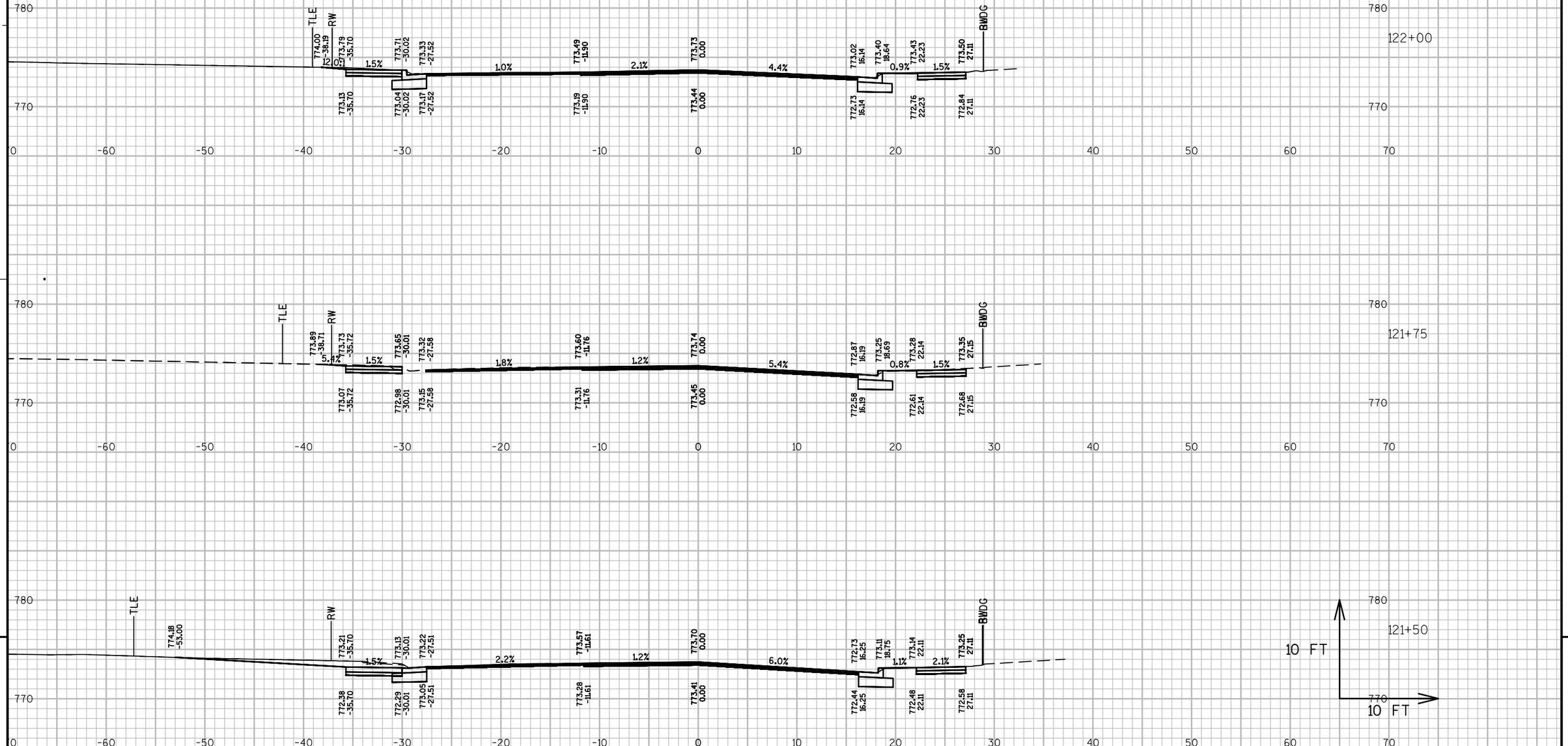
9

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 265	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (69)

PLOT DATE : 10/17/2014 4:15 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

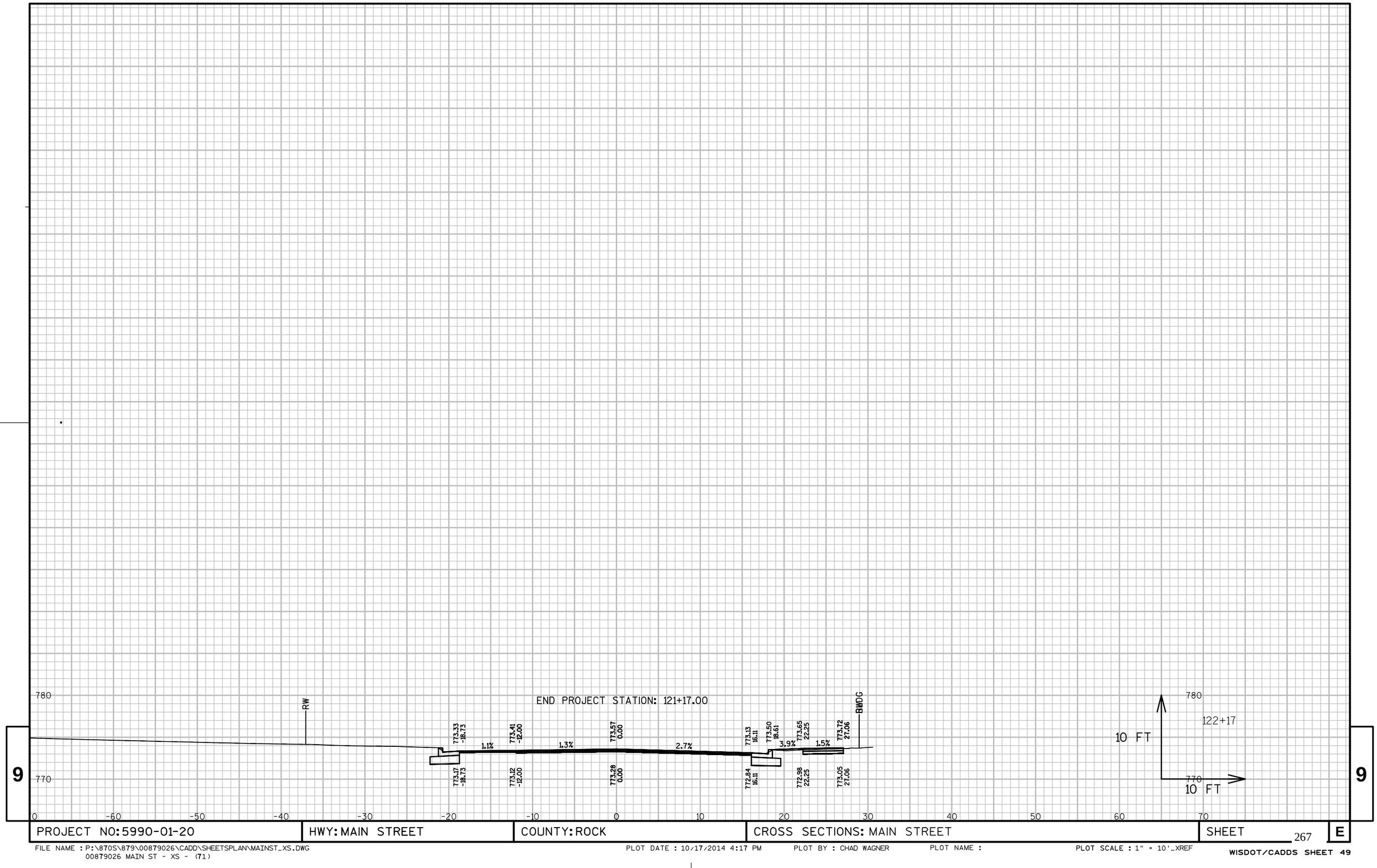
WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 266 E



9

9

PROJECT NO: 5990-01-20	HWY: MAIN STREET	COUNTY: ROCK	CROSS SECTIONS: MAIN STREET	SHEET 267	E

FILE NAME : P:\870S\879\00879026\CADD\SHEETSPLAN\MAINST_XS.DWG
00879026 MAIN ST - XS - (71)

PLOT DATE : 10/17/2014 4:17 PM PLOT BY : CHAD WAGNER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49

Wisconsin Department of Transportation

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through innovation and exceptional service.

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