STA. 0+96
10" 90° BEND,
RESTRAIN JOINTS

INSTALL TYPE D INLET
PROTECTION ON FIRST
INLETS TO NORTH

RITA AVE.

REMOVE EXISTING ASPHALT PAVEMENT.
REPLACE PAVEMENT SECTION IN KIND, CONSISTING
OF 12-INCH THICK 1 1/4-INCH SIEVE SIZE CRUSHED
AGGREGATE BASE COURSE AND 6-INCH TYPE E-3, ASPHALT
PAVEMENT, CONSISTING OF 4-INCH THICK, 19 MM BINDER
COURSE AND 2-INCH THICK , 12.5 MM SURFACE COURSE.
(TYPICAL OF ALL PAVEMENT REPLACEMENTS ALONG WEST VERONA AVE.)

INSTALL 10"x6" TEE,
FIRE HYDRANT, 6" GATE
VALVE & BOX, AND 10'-6"
HYDRANT LEAD.

INSTALL 10" GATE
VALVE & BOX

INSTALL 10"x6" TEE, 6" GATE
VALVE & BOX, 10'-6" WATER
SERVICE, AND 6" RESTRAINED
PLUG. PROVIDE TEMPORARY
FLUSHING DEVICE.

0+00 1+00 2+00 3+00 4+00 5+00

NEW 10" WATER MAIN

INSTALL 10" GATE
VALVE & BOX

10" 90° BEND,
RESTRAIN JOINTS

EXISTING 6" VALVE

SAWCUT REQ.
(TYP.)

W. VERONA AVE

STA. 5+33
10" 45° BEND

WHEN 6" W.M. TO BE ABANDONED,
EXPOSE, REMOVE, AND SALVAGE
EXISTING 6" VALVE. DRAIN EXISTNG
WATER MAIN AND PLUG OPEN ENDS.

LEGION ST.

INSTALL TYPE D INLET
PROTECTION ON FIRST
INLETS TO SOUTH

EXPOSE EXISTING 10" WATER MAIN,
CUT AND REMOVE EXISTING 45° BEND.
INSTALL 90° BEND AND RESTRAIN ALL
JOINTS. CAP EXISTING WATER MAIN
TO EAST.

NOTE:
MAINTAIN TRAFFIC LANE IN EACH DIRECTION DURING
CONSTRUCTION. PARKING MAY BE TEMPORALLY REMOVED TO
FACILITATE MAINTENANCE OF TRAFFIC LANES.

ABANDON EXISTING 6" WATER
MAIN AFTER NEW 10" WATER
MAIN IS IN SERVICE AND ALL
EXISTING WATER SERVICES
REPLACED.

HORIZONTAL DIRECTIONAL DRILL NEW
1½" INCH COPPER WATER SERVICE BENEATH
PAVEMENT, CURB, GUTTER, AND SIDEWALK.
INSTALL NEW 1½" INCH CURB STOP AND CURB
BOX AND RECONNECT TO EXISTING SERVICE.
EXISTING SERVICE COULD BE FROM ¾" TO
1½" IN DIAMETER. PROVIDE NECESSARY
CONNECTOR COUPLING (TYP.).

AT TIME 6" WATER MAIN ABANDONED
REMOVE HYDRANT AND SALVAGE FOR
VERONA WATER DEPT. PLUG LEAD,
BACKFILL AND RESTORE SURFACE.

GRANULAR MATERIAL BACKFILL

EXISTING PROFILE OVER
PROPOSED WATER MAIN.

EXISTING 10" W.M.

EXISTING 8" SANITARY

NEW 10" D.I. W.M. @1.32%

EXISTING 6" W.M.

NEW 10" D.I. W.M. @0.

EXISTING 8" SANITARY

1000 995 990 985 980 975 970

37' 335' 10' 40' 43'

STA. 1+05, 37' RT
CUT EXISTING 10" W.M.,
REMOVE 45° BEND,
INSTALL 90° BEND
RESTRAIN ALL JOINTS
IE=988.0

STA. 1+05
10" 90° BEND
RESTRAIN ALL JOINTS
IE=988.1

STA. 1+23
RESTRAIN ALL JOINTS

STA. 4+40
10" GATE VALVE & BOX
IE=992.6

STA. 4+50
10"x6" HYDRANT TEE
IE=992.7

STA. 4+90
10"x6" TEE, 6" GATE VALVE &
BOX AND 10' 6" WATER SERVICE
WITH RESTRAINED PLUG
IE=992.3

993.8 995.4 996.9 998.3 999.6 999.7

0+00 1+00 2+00 3+00 4+00 5+00

NOV. /2008
MONTH YEAR

REVISED TO CONFORM TO
CONSTRUCTION RECORDS

EARTH TECH | AECOM

BY: EBIC SCHULZ

NO	REVISIONS	DRN	CHK	DATE

DRN NJB
DES REG
CHK
APP

EarthTech
A Tyco International Ltd. Company

CITY OF VERONA
DANE COUNTY, WI
EAST VERONA AVE.
RECONSTRUCTION - PHASE II

PLAN AND PROFILE

DATE MARCH 2008
PROJECT NO 100902
FILENAME
SHEET NO
DRAWING NO

8-149

M-13448

SHEET NAME= 17W x 11H
Pen Table= L:\work\projects\98062\Cadd\As-Builts\watermain\MS_Printing\Pen_Tables\ET_civil_black_SHADE.tbl
Plot Driver= L:\library\TPW_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing Printer_Drivers\ET_PDF_11 x 17.plt
Modified Date= 11/9/2009
Plot Date= 11/9/2009
Plot Scale= 1:40
Filename= L:\work\projects\98062\Cadd\As-Builts\watermain\98062_wmpp01.dgn