CITY OF MADISON

CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT

Madison, Wisconsin

CROSS STREET ASSESSMENT DISTRICT–2015

GLENWAY STREET TO COPELAND STREET

CITY PROJECT NO. 53W1876 MUNIS NO. 10321
CITY CONTRACT NO. 7443

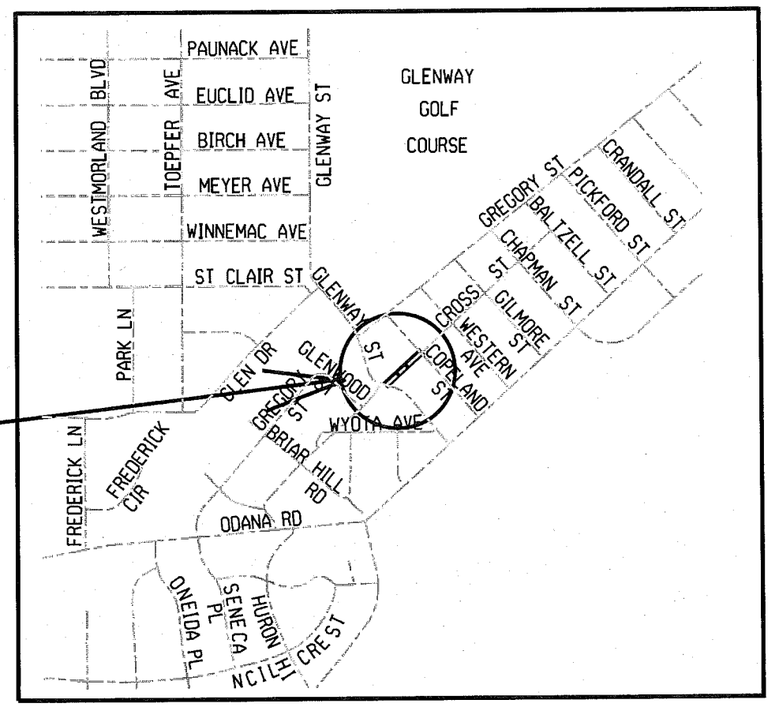
INDEX OF SHEETS

CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

GAS	G
STORM SEWER	ST
SANITARY SEWER	SAN
WATER	W
OVERHEAD ELECTRIC	OH
POWER POLE	ϕ
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

CONSTRUCTION PROJECT LOCATION



N W E S

NOTES:

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE STREET GRADES EXCEED 5.00%.

EARTH WORK SUMMARY:
EXCAVATION CUT (MEASURED PLAN QUANTITY)..... 320 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT..... 80 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT..... 400 C.Y.

PUBLIC IMPROVEMENT PROJECT APPROVED

MARCH 31, 2015

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Michael R. Dailey 4/24/2015
For City Engineer Date

STREET DESIGNED BY:

WISCONSIN LE ANNE K. HANNAN E-43729 MADISON WI PROFESSIONAL ENGINEER

SANITARY SEWER DESIGNED BY:

WISCONSIN ERIC L. DUNDEE E-40126 SUN PRAIRIE WI 04-24-2015 PROFESSIONAL ENGINEER

STORM SEWER DESIGNED BY:

WISCONSIN ERIC L. DUNDEE E-40126 SUN PRAIRIE WI 04-24-2015 PROFESSIONAL ENGINEER

WATER DESIGNED BY:

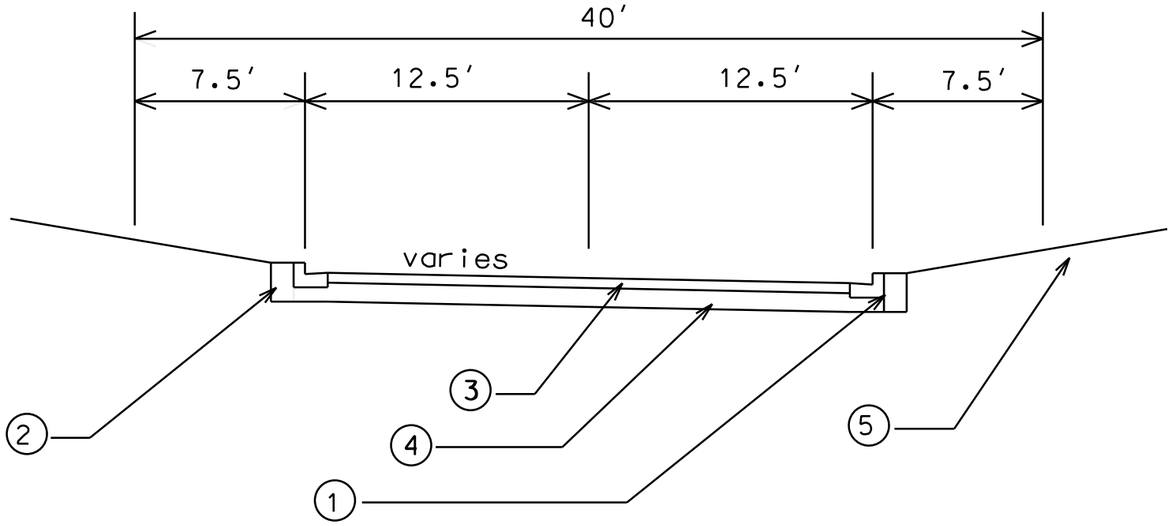
WISCONSIN ADAM R. WIEDERHOEFT E-41559 MADISON WI PROFESSIONAL ENGINEER 4/23/2015

PLOT SCALE: ____
PLOT NAME: ____
REV. DATE: ____
ORIGINATOR: CITY OF MADISON STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1876\Streets\Design\53W1876EN-TitleSht.dgn

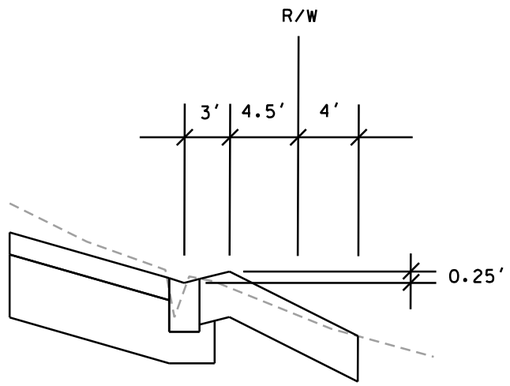
DATE: 4/21/2015

PROJECT NO. 53W1876 MUNIS 10321	SHEET NO. D-1
TYPICAL SECTIONS	
CROSS ST ASSM'T DIST-2015 CITY OF MADISON	



CROSS STREET

1. TYPE "H" CONCRETE CURB & GUTTER
2. FILL
3. 3-1/2" HMA PAV'T TYPE 0.3
4. 4" C.A.B.C.GR. 2
   6" C.A.B.C.GR. 1
5. 4" TOPSOIL, SEED & MATTING



DRIVEWAY DETAIL
STA. 12+04 RT

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR:

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

F:\ENCOMMON\STREETS\DGN5W055I\PLAN\TYPICAL.DGN
MAR 2008

PROJECT NO. 53W055I

CROSS ST ASSM'T DIST-2015 PROJECT NO. 53W1876 MUNIS 10321	SHEET NO. P-1
PLAN AND PROFILE	
CROSS STREET	CITY OF MADISON

REV 6/4/15 LKH

PLOT SCALE: ——

PLOT NAME: ——

REV. DATE: ——

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

GLENWAY ST

COPELAND ST

0709-282-2308-4
OSDENE
625 GLENWAY ST

0709-282-2309-2
MARK
3404 CROSS ST

0709-282-2310-9
ZANNI
3400 CROSS ST

0709-282-2207-8
MELIUS
3310 CROSS ST

0709-282-2402-4
BLABAUM
701 GLENWAY ST

0710-282-2401-6
GRAUVOGL
3401 CROSS ST

0709-282-2510-5
ABRAHAM
701 COPELAND ST

STA 11+93.48, LT 12.50'
897.81 TC/

STA 11+65.50, LT 11.04'
896.48 TC/

STA 13+30.00, LT 33.43'
905.86 TC/

STA 13+29.97, LT 27.43'
905.36 TC/

STA 13+25.55, LT 16.87'
904.40 TC/

STA 13+14.97, LT 12.50'
903.43 TC/

116.0'

64.0'

76.0'

7.5'

12.5

40

6-IN CI WM (1938)

END CONST
STA 13+35.9

458.79'
N47°43'41"E

N 475,262.17
E 807,061.56

POB

BEGIN CONST
STA 11+25.0

Sawcut

see detail

conc

asph

169.73

100.0'

STA 11+93.49, RT 12.50'
896.57 TC/

STA 11+68.59, RT 12.86'
895.32 TC/

STA 13+14.85, RT 12.50'
902.29 TC/

STA 13+25.47, RT 16.91'
901.95 TC/

STA 13+29.85, RT 27.53'
901.36 TC/

STA 13+29.84, RT 33.53'
900.90 TC/

N 475,570.77
E 807,401.05

14+58.79

10+00 11+00 12+00 13+00 14+00 14+59

915 910 905 900 895 890 885 880 875

VPI 11+37.61
893.85

VPI 11+73.04
895.89

VPI 12+25.00
898.30

VPI 12+42.00
899.55

VPI 12+50.00
899.97

VPI 12+75.00
901.25

VPI 13+00.00
902.32

VPI 13+25.00
902.80

VPI 13+43.00
903.21

VPI 13+75.00
902.86

5.75% 4.63% 7.35% 2.5% 5.12% 4.28% 1.92% 2.28% -1.09%

VPC STA 12+90.00
VPC ELV 901.89

VPT STA 13+10.00
VPT ELV 902.51

CURVE L = 20.00'
K=8.47

894.57 895.98 897.14 898.30 899.97 901.25 902.26 902.80 903.13 902.86

FILE NAME: M:\DESIGN\Projects\53W1876\Streets\Design\53W1876EN-PnP1.dgn

DATE: 6/19/2015

CROSS ST ASSM'T DIST-2015 PROJECT NO. 53W1876 MUNIS 10321	SHEET NO. U-1
SEWER PLAN AND PROFILE	
CROSS ST	CITY OF MADISON

REVISED 6/18/15 EEA

PLOT SCALE: ——

PLOT NAME: ——

REV. DATE: ——

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-282-2308-4
OSDENE
625 GLENWAY ST

0709-282-2309-2
MARK
3404 CROSS ST

0709-282-2310-9
ZANNI
3400 CROSS ST

0709-282-2207-8
MELIUS
3310 CROSS ST

0709-282-2402-4
BLABAUM
701 GLENWAY ST

0710-282-2401-6
GRAUVOGL
3401 CROSS ST

0709-282-2510-5
ABRAHAM
701 COPELAND ST

GLENWAY ST

CROSS ST

COPELAND ST

EX 6" VP SAN

EX SAS
4058-018
TO REMAIN

EX 6" VP SAN
PIPEBURST EX 6" VP SAN 6" DIA TO 8" DIA
8" HDPE DR-17 OR C900 DIPS DR 25

8"-232'@ 1.69%

SAS#1

REMOVE
EX SAS
4058-017

EX 12" RCP

2" PL

POB 10+00.00

POE 14+58.79

ULO-1 ULO-2 ULO-3 ULO-4

RP-1 RP-2

S-0 S-1 S-2 S-3 S-4 S-5 S-6

P-1 P-2 P-3 P-4 P-5 P-6

FOR 625 & 701 GLENWAY ST
CONTRACTOR SHALL REM & REP
CURB AS NEEDED FOR LATERALS
(MAX. OF 20 FEET OF CURB & GUTTER)

NO LAUNCHING OR
RECEIVING PIT IN
GLENWAY ST

PIPE BURST EX 6" VP SAN 6" DIA TO 8" DIA
8" HDPE DR-17 OR FUSIBLE C900 DIPS DR 25

EX SAS
4058-018
TO REMAIN
STA 10+03.05 RT 2.63'
RIM = 892.05
EI = 883.54

REBUILD BENCH
AND FLOWLINES
INCIDENTAL TO
BID ITEM 90070

NOTE:
DIPS = DUCTILE IRON PIPE SIZING
IF FUSIBLE C900 PIPE USED,
MECHANICAL WYE FITTINGS WILL BE
REQUIRED FOR LATERALS

REMOVE
EX SAS
4058-017
STA 12+34.66 RT 1.22'
RIM = 899.63
EI = 887.45

PROPOSED WATER - SEE WATER UTILITY SHEETS

SAS #1
STA 12+34.66 RT 1.22'
RIM = 898.92
EI = 887.45

915 910 905 900 895 890 885 880 875

10+00 11+00 12+00 13+00 14+00 14+59

FILE NAME: M:\DESIGN\Projects\53W1876\Storm\Design\53W1876STM-PnP##1.dgn

DATE: 6/19/2015

SANITARY SCHEDULE

* **REVISED 6/15/15 EEA**

CROSS ST ASSM'T DIST-2015 PROJECT NO. 53W1876 MUNIS 10321	SHEET NO. U-2
SANITARY SEWER SCHEDULE	CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
* SAS#1	12+34.66	RT-1.22	**898.92**	887.45	**11.47**	-

PROPOSED SANITARY PIPES

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	EI # (DWNSTRM)	EI # (UPSTRM)	PLAN LGTH (FT)	SLOPE (%)	SIZE (DIA)	PVC TYPE	NOTES
EX SAS 4058-018	SAS#1	883.54	887.45	232	1.69%	8"	HDPE OR FUSIBLE C900	PIPEBURST -SEE SPECIFICATIONS

SANITARY SEWER STRUCTURE REMOVALS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	NOTES
4058-017	12+34.66	RT-1.22	-

PLOT SCALE: _ _ _

PLOT NAME: _ _ _

REV. DATE: _ _ _

FILE NAME: M:\DESIGN\PROJECTS\53W1876\SANITARY\DESIGN\SANITARY SCHEDULE CROSS

DATE: 06/19/2015

STORM SEWER SCHEDULE

* REVISED 6/18/15 EEA

CROSS ST ASSM'T DIST-2015 | SHEET NO. U-3
PROJECT NO. 53W1876 MUNIS 10321
STORM SEWER SCHEDULE | CITY OF MADISON

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-0	11+16.36	RT-12.70	TAP	-	888.83	-	TAP EX IN 4058-024
* S-1	**11+44.58**	**RT-8.23**	3X3 SAS	**893.84**	890.05	3.79	W/ R-1550-0054
S-2	12+18.49	RT-10.52	3X6 SAS	897.75	893.95	3.80	W/ R-3067-7004-V; (1) (2)
* S-3	**12+57.21**	RT-10.52	3X6 SAS	**899.84**	896.03	3.81	W/ R-3067-7004-V; (1) (2)
* S-4	13+26.72	RT-8.74	3X3 SAS	**902.16**	898.42	**3.74**	W/ R-1550-0054
S-5	13+30.00	LT-31.50	H INLET	905.86	901.36	4.50	W/ R-3067-7004-V
S-6	13+35.88	RT-7.92	PIPE PLUG	-	898.46	-	-

PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	PLAN LGTH (FT)	PIPE LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1	S-0	S-1	29	26	888.83	890.05	4.72%	12"	RCP	-
P-2	S-1	S-2	74	71	890.05	893.95	5.50%	12"	RCP	-
* P-3	S-2	S-3	**39**	**36**	893.95	896.03	**5.81%**	12"	RCP	-
* P-4	S-3	S-4	**69**	**66**	896.03	898.42	**3.60%**	12"	RCP	-
P-5	S-4	S-5	40	37	898.42	901.36	7.97%	12"	RCP	-
P-6	S-4	S-6	9	7	898.42	898.46	0.59%	12"	RCP	-

STORM PIPE REMOVALS

PIPE REMOVAL NO.	REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	SIZE	TYPE	NOTES
RP-1	11+98.22 RT-12.55	12+11.06 RT-13.11	13	Y	12"	CMP	CULVERT
RP-2	12+38.42 RT-12.75	12+56.91 RT-12.92	18	Y	12"	CMP	CULVERT

ULO SCHEDULE

ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
ULO-1	13+29.23	LT-18.45	GAS	-
ULO-2	13+29.91	RT-7.90	GAS	-
* **ULO-3**	**12+18.49**	**RT-13.20**	**TEL**	**-**
* **ULO-4**	**12+57.21**	**RT-13.20**	**TEL**	**-**

SPECIFIC NOTES

(1) STATION OFFSET TO CENTER OF STRUCTURE
(2) PIPE IS 1FT OFF INSIDE EDGE OF STRUCTURE

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ELIA E. ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.

PLOT SCALE: _ _ _
PLOT NAME: _ _ _
REV. DATE: _ _ _
ORIGINATOR: CITY OF MADISON STREETS DIVISION

FILE NAME: M:\DESIGN\PROJECTS\53W1876\STORM\DESIGN\STORM SCHEDULE CROSS REV 6_19.XLS

DATE: 06/19/2015

CROSS ST ASSM'T DIST-2015 PROJECT NO. 53W1876 MUNIS 10321	SHEET NO. W-1
WATER PLAN AND PROFILE	
CROSS STREET	CITY OF MADISON

REV - 6/18/2015 - ARW
ADJUST HYDRANT/VALVES/TEE
AT COPELAND ST. INTERSECTION

STA 11+27.4 / 9.7'LT
6-IN 90° BEND

STA 11+25.4 / 9.8'LT
CUT-IN 6-IN VALVE

0709-282-2308-4
OSDENE
625 GLENWAY ST

(OPTIONAL) CUT-OFF EX. WM
OR PROTECT EX. WM

(OPTIONAL) CUT-OFF EX. WM
OR PROTECT EX. WM

STA 12+37.0 / 6.4'LT
8-IN 45° BEND

0709-282-2309-2
MARK
3404 CROSS ST

STA 13+24.8 / 0.0'LT
8-IN VALVE

STA 13+21.8 / 0.0'LT
8-INx6-IN TEE
DEFLECT 3-DEG OUT

0709-282-2310-9
ZANNI
3400 CROSS ST

STA 13+32.5 / 10.3'LT
CUT OFF & CAP EX 6-IN WM

0709-282-2207-8
MELIUS
3310 CROSS ST

GLENWAY ST

CROSS ST

COPELAND ST

6-IN CI WM (1938)

11+00

12+00

13+00

14+00

2" PL

0709-282-2402-4
BLABAUM
701 GLENWAY ST

WN4
1-IN

STA 11+27.4 / 5.7'LT
8-INx6-IN TEE W/ 8-IN MJ PLUG

STA 12+43.4 / 0.0'LT
8-IN 45° BEND

0710-282-2401-6
GRAUVOGL
3400 CROSS ST

STA 13+18.8 / 0.0'LT
8-IN VALVE

INSULATION (TYP).

STA 13+22.9 / 29.9'RT
5-IN HYDRANT ASSEMBLY
REPLACE EX. BOULDER
IN FRONT OF NEW HYDRANT.

WN10

WN8

STA 13+34.2 / 0.0'LT
CUT-IN 8-INx6-IN CROSS W/ 8-IN MJ PLUG

STA 13+32.2 / 23.3'RT
CUT OFF & CAP EX 6-IN WM

0709-282-2510-5
ABRAHAM
701 COPELAND ST

sidewalk
edge exist pav't.
driveway
inlet
12"
new hydrant
existing hydrant
property line

PLOT SCALE: ——
PLOT NAME: ——
REV. DATE: ——
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1876\Water\Design\53W1876WU-PnP1.dgn

DATE: 6/18/2015

CROSS ST ASSM'T DIST-2015
PROJECT NO. 53W1876 MUNIS 10321

SHEET NO.
W-2

WATER SYSTEM IMPACT PLAN

CITY OF MADISON

CUT & CAP
-TURNING VALVES:
*V-8 *V-15 *V-16 *V-19 *V-30
-NOTIFICATIONS:
*CROSS: 3400-3404, 3409
*GLENWAY: 625, 701
*COPELAND: 601-617, 703-737

CUT-IN CONNECTION
-TURNING VALVES:
*V-8 *V-15 *V-16 *V-19 *V-30
-NOTIFICATIONS:
*CROSS: 3400-3404, 3409
*GLENWAY: 625, 701
*COPELAND: 601-617, 703-737

CUT & CAP
-TURNING VALVES:
*V-8 *V-15 *V-16 *V-19 *V-30
-NOTIFICATIONS:
*CROSS: 3400-3404, 3409
*GLENWAY: 625, 701
*COPELAND: 601-617, 703-737

CUT-IN CONNECTION
-TURNING VALVES:
*V-8 *V-15 *V-16 *V-19 *V-30
-NOTIFICATIONS:
*CROSS: 3400-3404, 3409
*GLENWAY: 625, 701
*COPELAND: 601-617, 703-737

CROSS STREET

COPELAND STREET

COPELAND STREET

GLENWAY STREET

GLENWAY STREET

CROSS STREET

V-8

V-15

V-16

V-19

V-30

DISCLAIMER NOTE:
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AIDE PLANNING CONNECTION POINT ISOLATION AND PREPARING NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

PLOT SCALE: _____
PLOT NAME: _____
REV. DATE: _____
ORIGINATOR: CITY OF MADISON, STREETS DIVISION
FILE NAME:
DATE:

CROSS ST ASSM'T DIST-2015 PROJECT NO. 53W1876 MUNIS 10321	SHEET NO. W-3
WATER ESTIMATE OF MATERIALS CITY OF MADISON	

CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.

WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.

WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.

WN4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.

WN5 RELOCATE THE EXISTING FIRE HYDRANT.

WN6 ABANDON WATER VALVE ACCESS STRUCTURE.

WN7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.

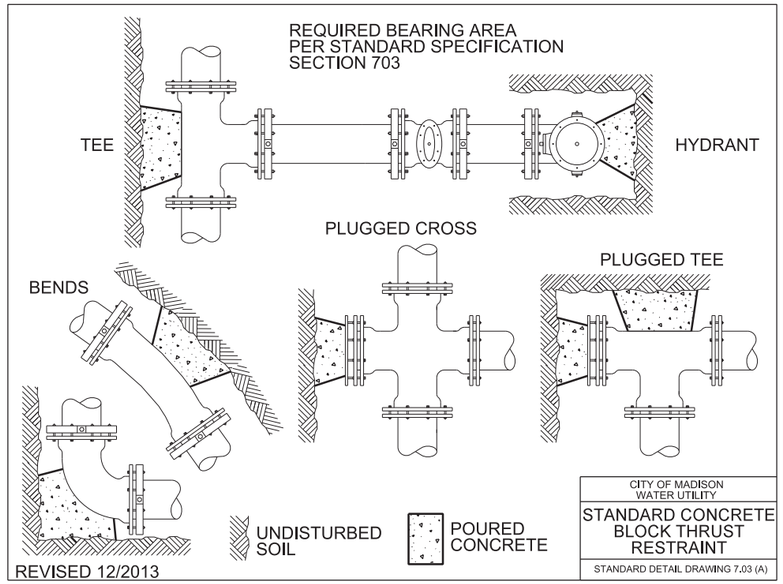
WN8 ABANDON THE VALVE BOX.

WN9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.

WN10 REMOVE AND SALVAGE EXISTING HYDRANT

WN11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE

WN20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTFICATION INFORMATION.



ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

35-FT - 6-IN PIPE
225-FT - 8-IN PIPE

300-FT - POLYWRAP

1 - 6-IN VALVE & BOX
2 - 8-IN VALVE & BOX

1 - 6-IN 90° BEND
2 - 8-IN 45° BEND

2 - 8-IN X 6-IN TEE

1 - 8-IN X 6-IN CROSS

4 - 6-IN MJ CAP

2 - 8-IN MJ PLUG

1 - HYDRANT

16-FT - 2-IN STYROFOAM INSULATION

1-IN COPPER SERVICE PIPING (AS REQUIRED)

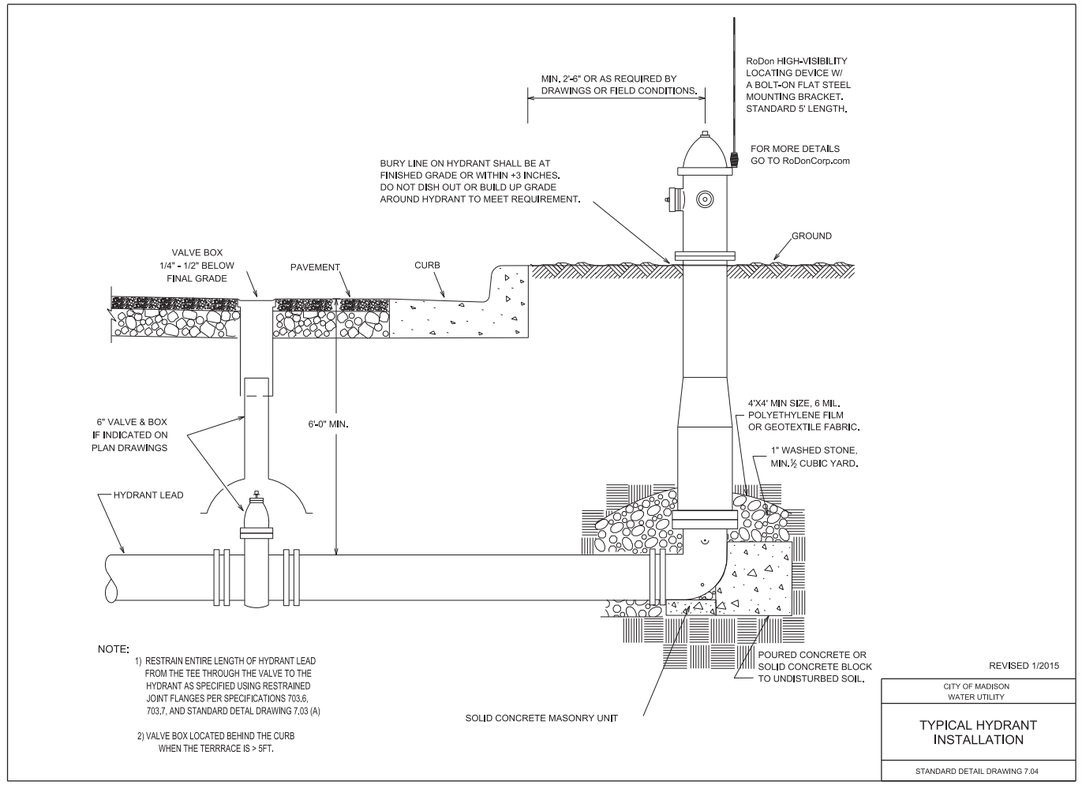
TO OBTAIN LOCATION OF
PARTICIPANTS' UNDERGROUND
FACILITIES BEFORE YOU
DIG IN WISCONSIN

CALL DIGGERS HOTLINE
TOLL FREE
811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.

MEMBER
ONE CALL SYSTEMS INTERNATIONAL

DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.



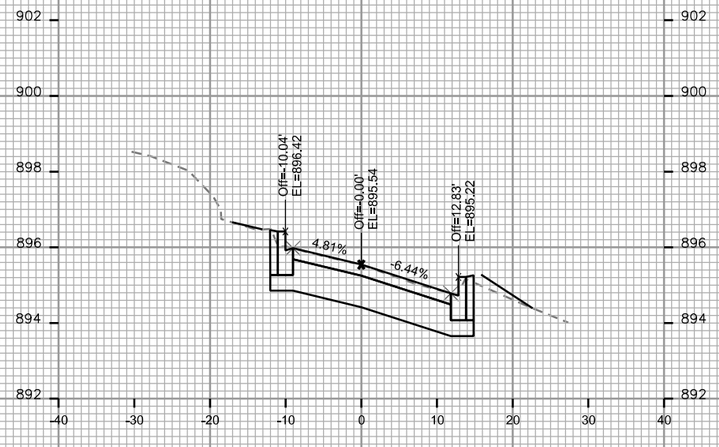
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1876\Water\Design\53W1876WU-Materials##3.dgn

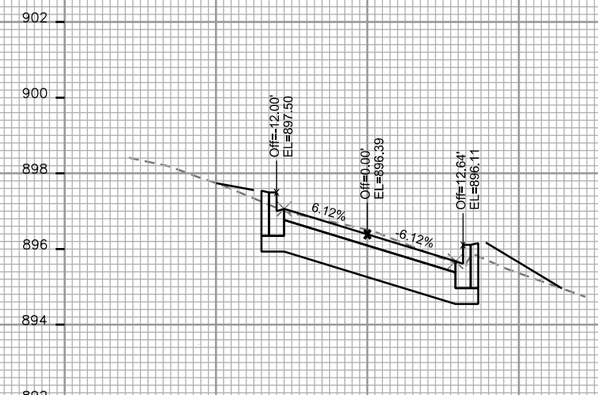
DATE: 4/23/2015

CROSS STREET ASSM'T DIST-2015 PROJECT NO 53W1876 MUNIS 10321	SHEET NO. X-1
CROSS SECTIONS	
CROSS STREET	CITY OF MADISON

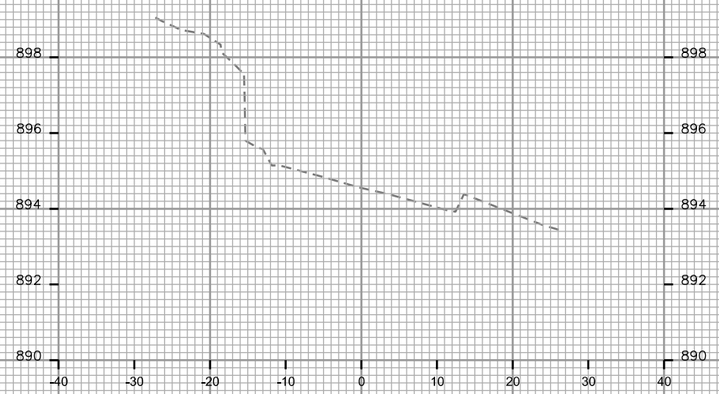
REV 6/4/15 LKH



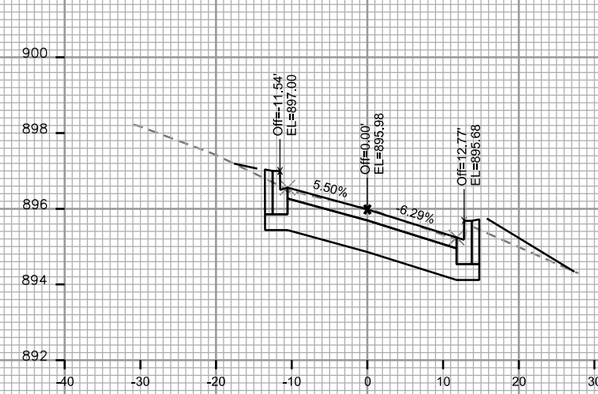
STA. 11+67



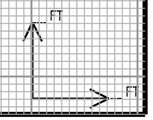
STA. 11+84



STA. 11+50



STA. 11+75



PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

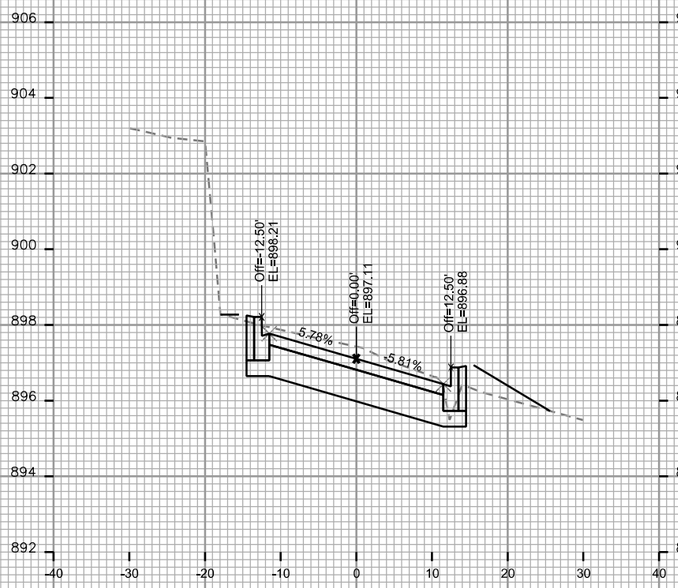
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1876\Streets\Design\53W1876EN-XSection##.dgn

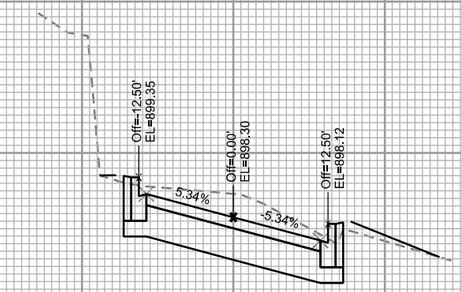
DATE: 6/4/2015

CROSS STREET ASSM'T DIST-2015 PROJECT NO. 53W1876 MUNIS 10321	SHEET NO. X-2
CROSS SECTIONS	
CROSS STREET	CITY OF MADISON

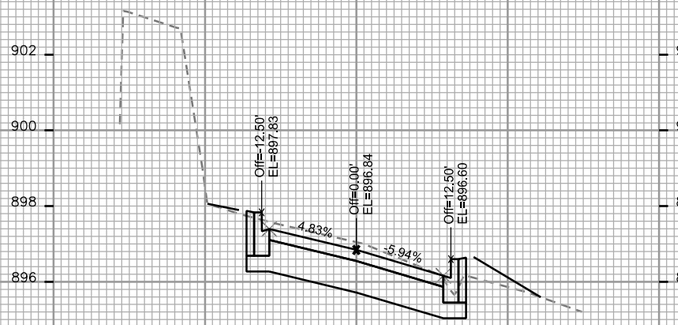
REV 6/4/15 LKH



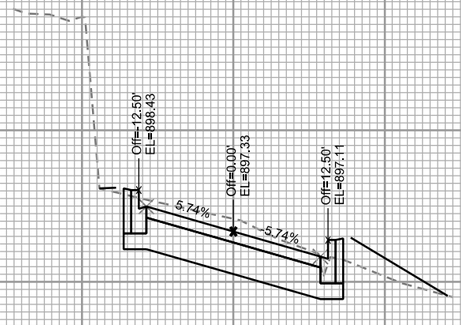
STA. 12+00



STA. 12+25



STA. 11+94



STA. 12+04

PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

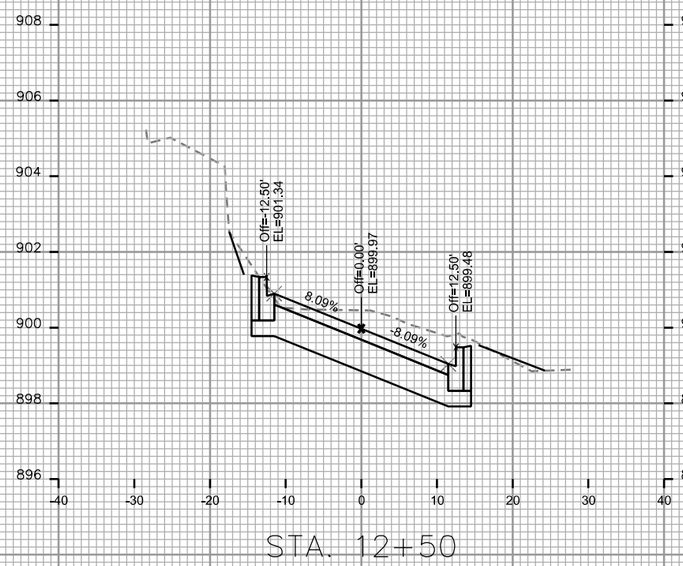
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1876\Streets\Design\53W1876EN-XSection##.dgn

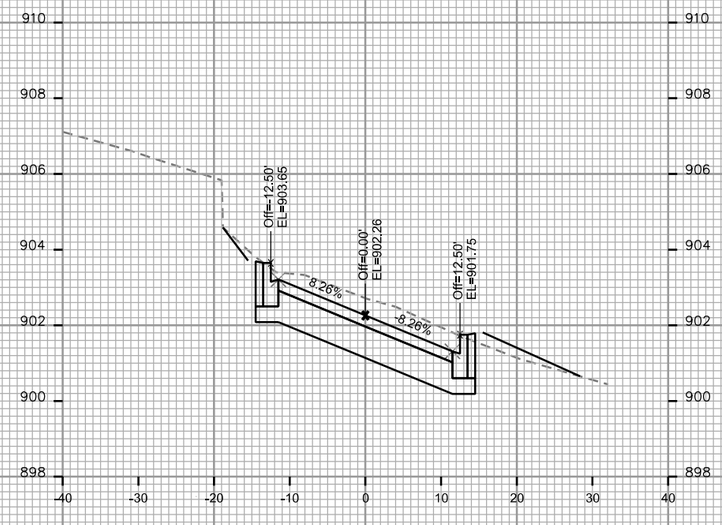
DATE: 6/4/2015

CROSS STREET ASSM'T DIST-2015 PROJECT NO. 53W1876 MUNIS 10321	SHEET NO. X-3
CROSS SECTIONS	
CROSS STREET	CITY OF MADISON

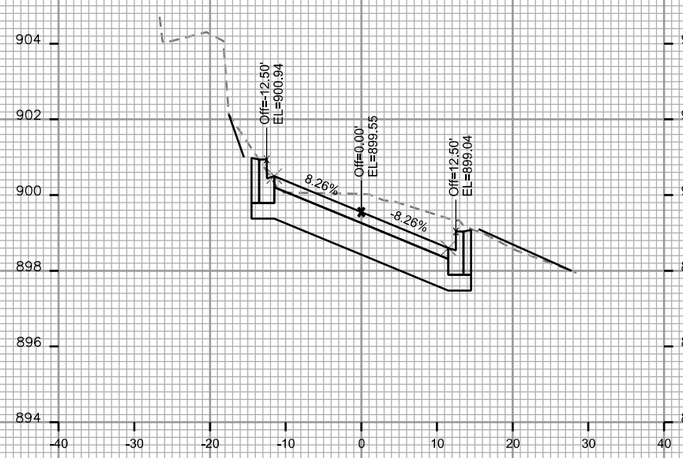
REV 6/4/15 LKH



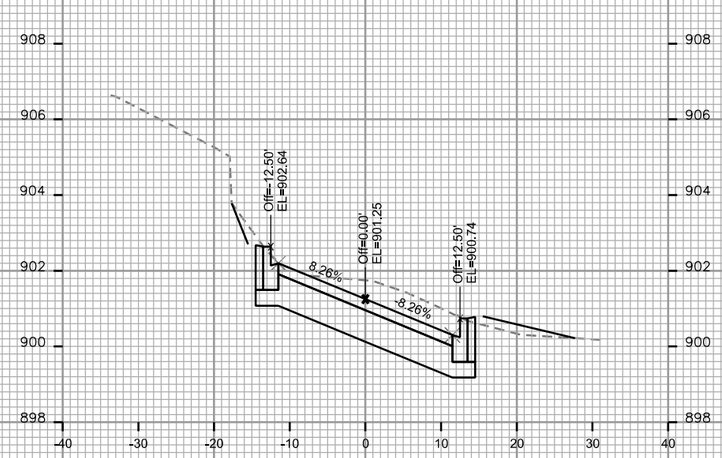
STA. 12+50



STA. 13+00



STA. 12+42



STA. 12+75

PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

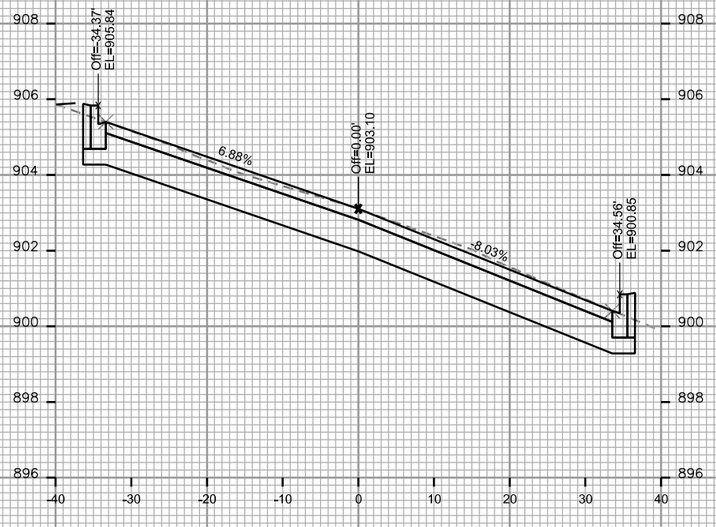
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1876\Streets\Design\53W1876EN-XSection##.dgn

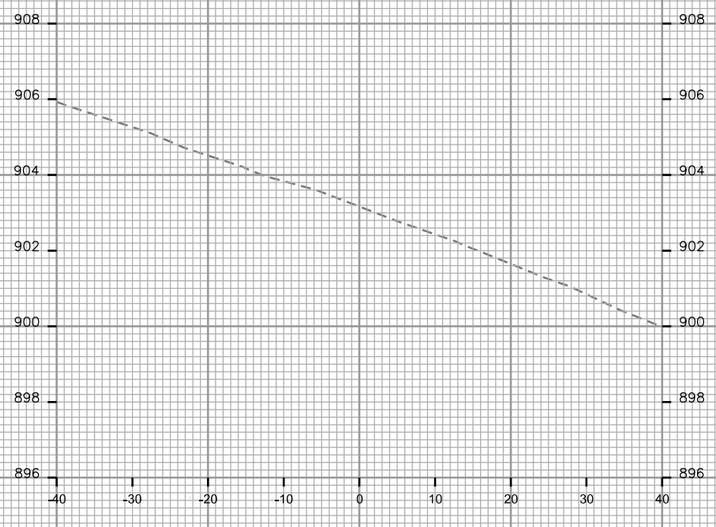
DATE: 6/4/2015

CROSS STREET ASSM'T DIST-2015 PROJECT NO. 53W1876 MUNIS 10321	SHEET NO. X-4
CROSS SECTIONS	
CROSS STREET	CITY OF MADISON

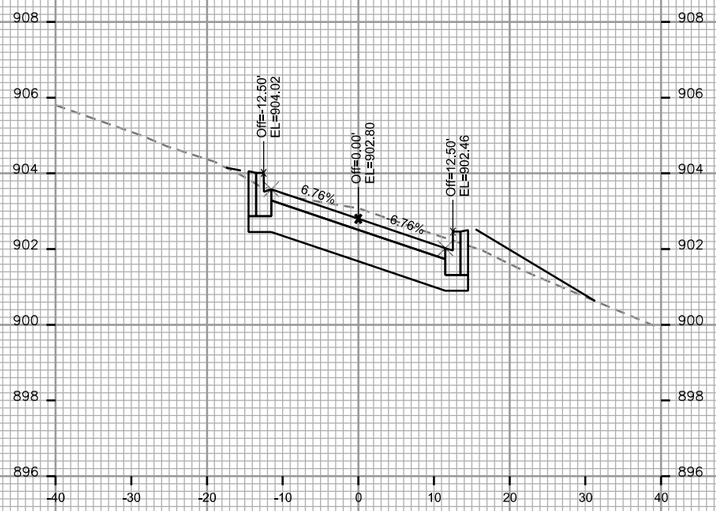
REV 6/4/15 LKH



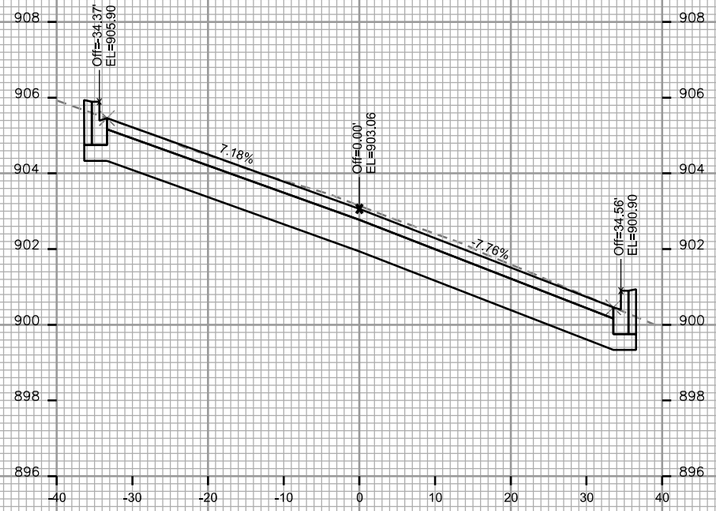
STA. 13+32



STA. 13+50



STA. 13+25



STA. 13+36

PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1876\Streets\Design\53W1876EN-XSection##.dgn

DATE: 6/4/2015