CITY OF MADISON

CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT

CITY VIEW DRIVE ASSESSMENT DISTRICT – 2020

CITY PROJECT NO. 11958
CONTRACT NO. 8313

Madison, Wisconsin

INDEX OF SHEETS

CONVENTIONAL SIGNS
FIELD VERIFY ALL UTILITY LOCATIONS

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

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 1.50%. 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:

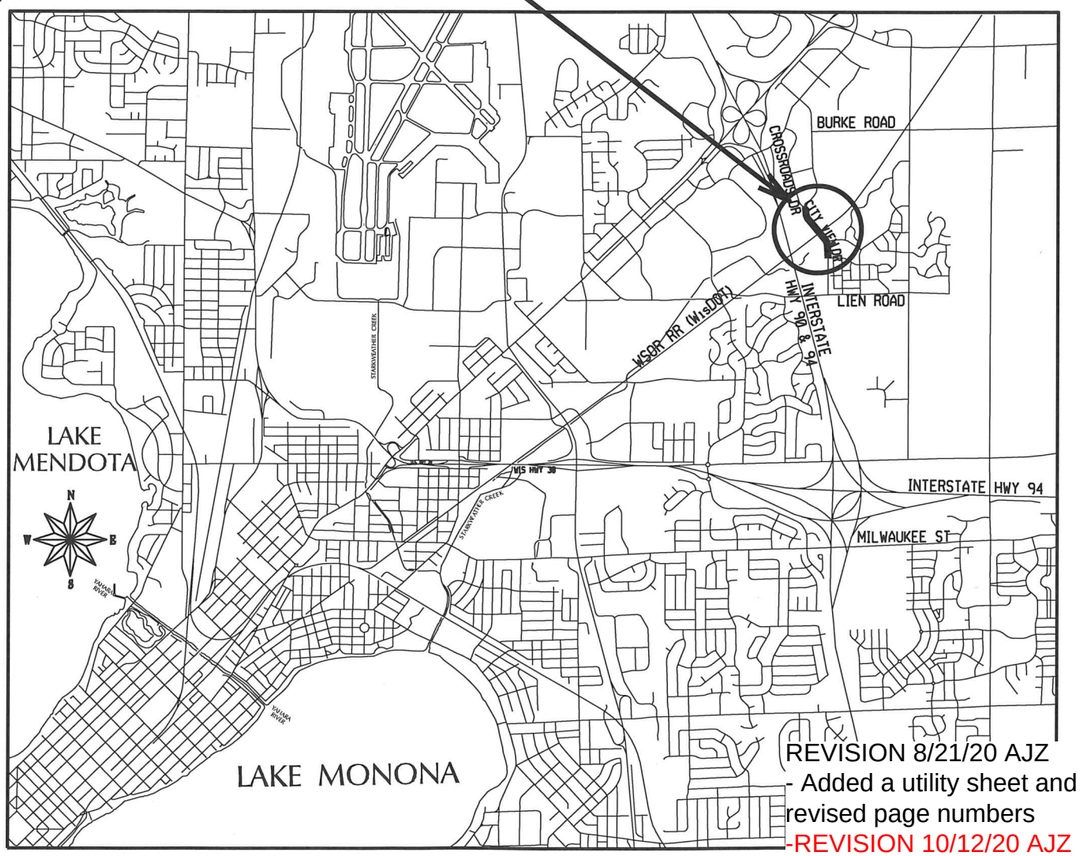
STREET EXCAVATION QTY (CITY VIEW DR.):
EXCAVATION CUT (MEASURED PLAN QUANTITY) ..... 12597 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT ..... 2520 C.Y.

STORM SEWER EXCAVATION QTY:
EXCAVATION CUT (MEASURED PLAN QUANTITY) ..... 665 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT ..... 265 C.Y.

TOTAL MEASURED PLAN QUANTITY ..... 13262 C.Y.
TOTAL UNDISTRIBUTED UNDERCUT ..... 2785 C.Y.

TOTAL UNCLASSIFIED EXCAVATION CUT ..... 16047 C.Y.

CONSTRUCTION PROJECT LOCATION



REVISION 8/21/20 AJZ
- Added a utility sheet and revised page numbers
-REVISION 10/12/20 AJZ
- Added a sewer schedule sheet

PUBLIC IMPROVEMENT PROJECT APPROVED

FEBRUARY 4, 2020

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

City Engineer — Date 3-17-20

SANITARY SEWER DESIGNED BY:

WISCONSIN — MARK D. MODER — E-33979 — MADISON WI — PROFESSIONAL ENGINEER — 3/16/20

STREET DESIGNED BY:

WISCONSIN — GLEN E YOERGER — E-41148 — MADISON WIS — PROFESSIONAL ENGINEER — 3/13/2020

WATER MAIN DESIGNED BY:

WISCONSIN — PETER E. HOLMGREN — E-42156 — MADISON WI — 3/12/2020 — PROFESSIONAL ENGINEER

STORM SEWER DESIGNED BY:

WISCONSIN — JANET SCHMIDT — E-34324 — MADISON WI — PROFESSIONAL ENGINEER — 3-16-20

GEOMETRICS & PAVEMENT MARKINGS DESIGNED BY:

WISCONSIN — MARK S. WINTER — E-39453 — MADISON WI — 3/16/20 — PROFESSIONAL ENGINEER

ELECTRICAL DESIGNED BY:

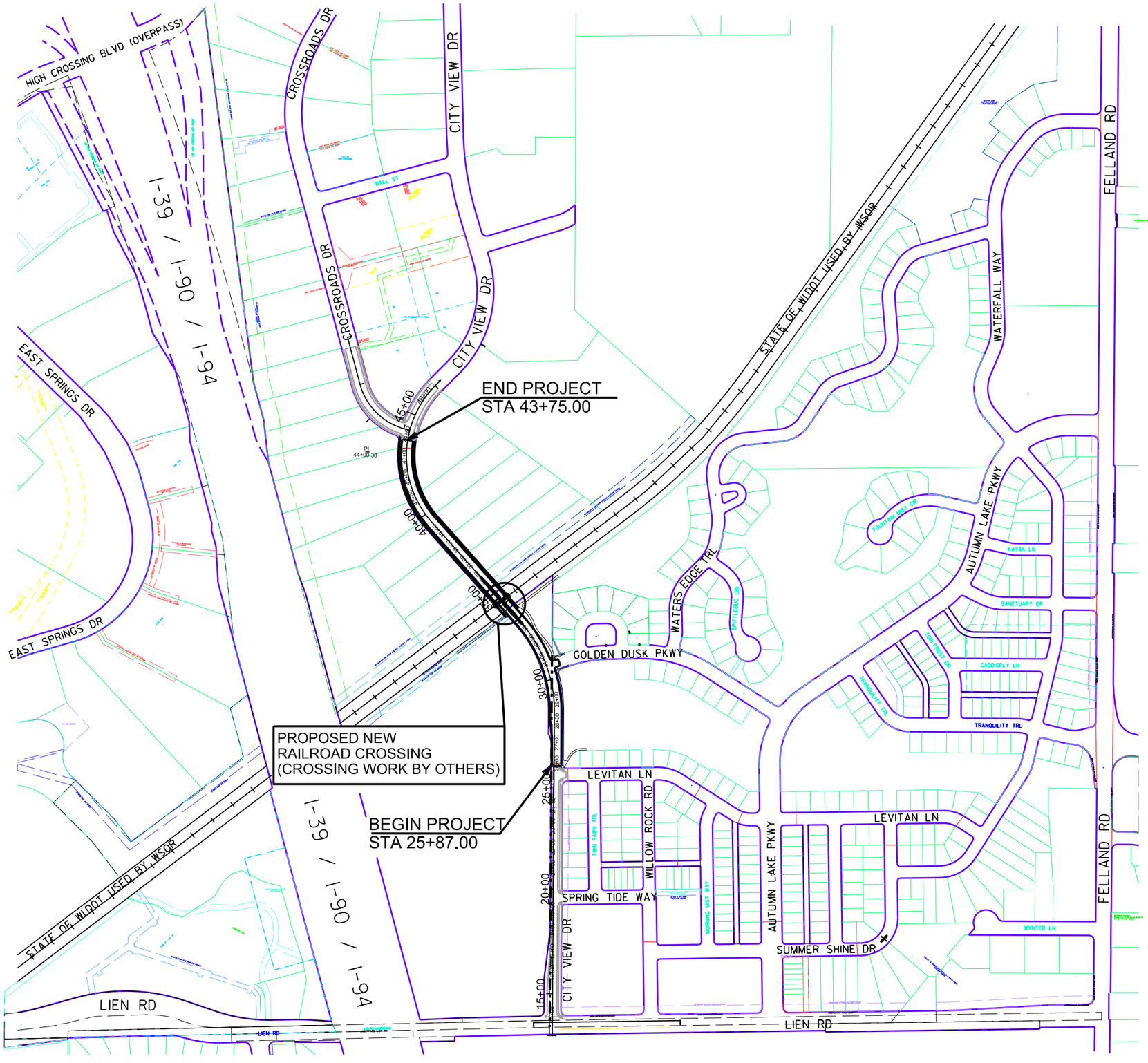
WISCONSIN — JERRY L. SCHIPPA — 44406-6 — SUN PRAIRIE, WI — 3/16/20 — PROFESSIONAL ENGINEER

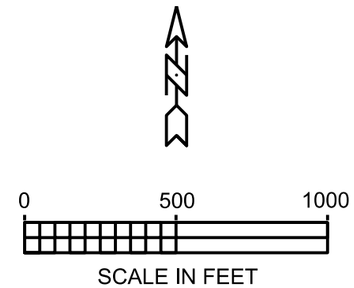
PLOT SCALE: ____
PLOT NAME: ____
REV. DATE: ____
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Details\10429EN-TitleSht2D.dgn

DATE: 3/16/2020

CITY VIEW DRIVE ASSESSMENT DISTRICT - 2020	SHEET NO. D-1
PROJECT OVERVIEW PROJECT NO. 11958	
CITY VIEW DRIVE	CITY OF MADISON

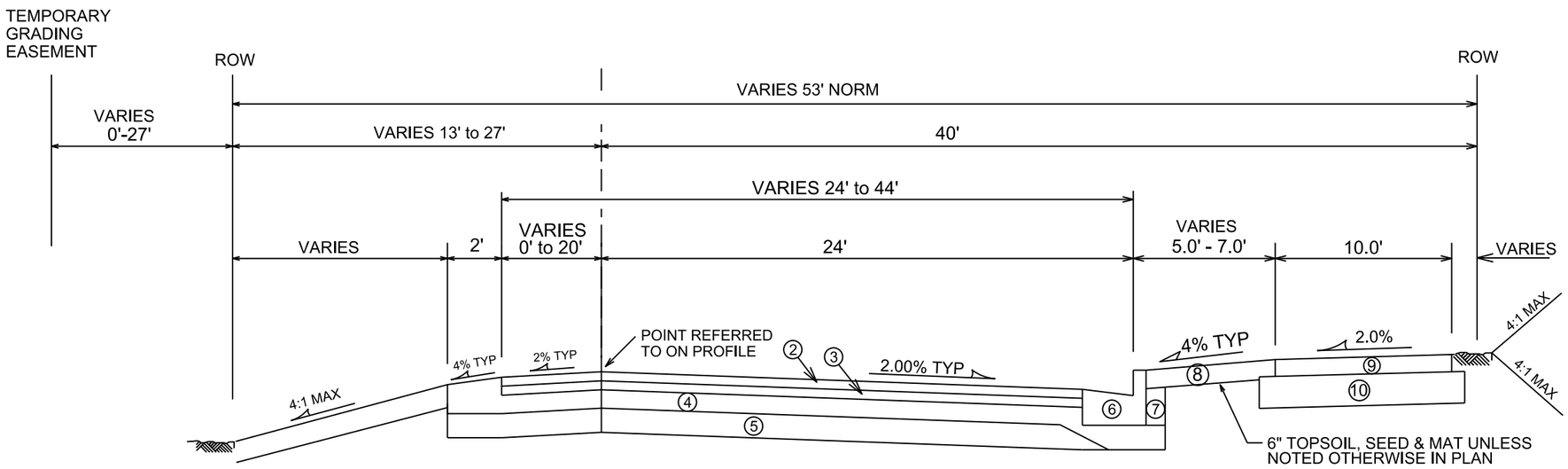




PLOT SCALE: ____
PLOT NAME: ____
REV. DATE: ____
ORIGINATOR: CITY_OF_MADISON_STREETS_DIVISION

FILE NAME: M:\DESIGN\PROJECTS\11958\STREETS\DETAILS\11958EN-OVERVIEW.DGN
DATE: 3/17/2020
SCALE: 500.0000 SF / IN.

CITY VIEW DRIVE ASSESSMENT DISTRICT - 2020	SHEET NO. D-2
PROJECT NO. 11958 TYPICAL SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

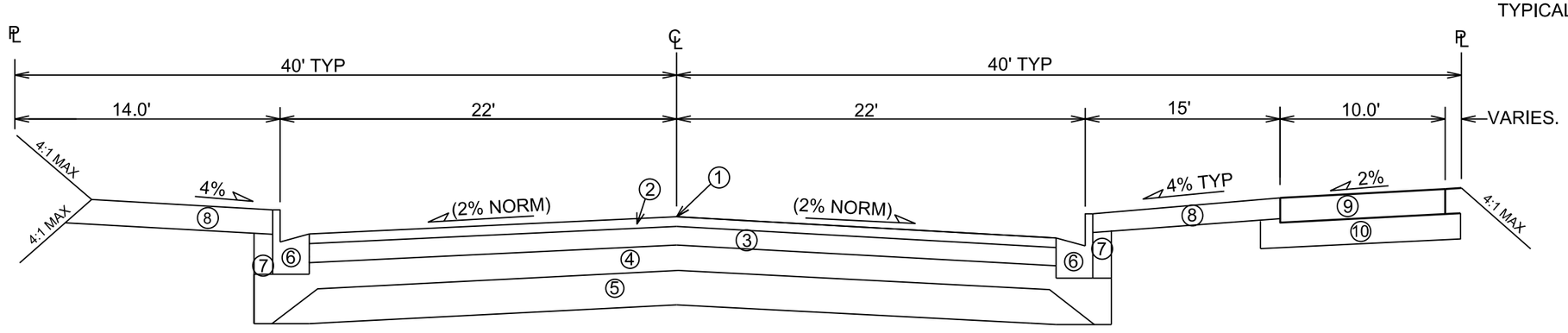


TYPICAL FINISHED SECTION
CITY VIEW DRIVE
STA 26+00 to STA 30+50
NOT TO SCALE

① POINT REFERRED TO ON PROFILE
② 2" BITUMINOUS UPPER LAYER, 4 MT 58-28 S
③ 3 ½" BITUMINOUS LOWER LAYER, 3 MT 58-28 S
④ 6" GRADATION 2 CRUSHED STONE
⑤ 6" GRADATION 1 CRUSHED STONE
⑥ TYPE 'A' OR 'X' CONCRETE CURB & GUTTER
⑦ FILL, INCIDENTAL
⑧ 6" TOPSOIL, SEED & MAT
⑨ 3" BITUMINOUS BIKE PATH, 4 LT 58-28 S
⑩ 8" GRADATION 2 CRUSHED STONE

* SEE CROSS SECTION SHEETS FOR CROSS SLOPES AND TOP OF CURB ELEVATIONS.

TYPICAL SECTIONS NOT TO SCALE

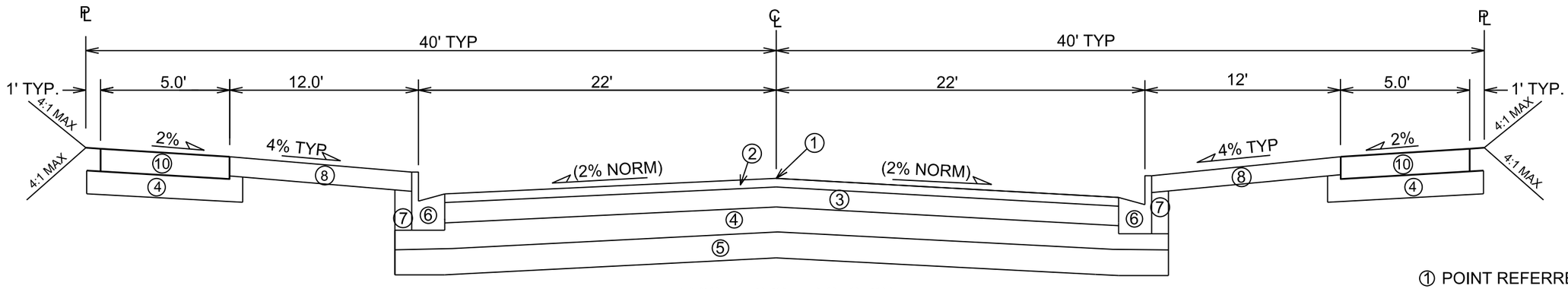


TYPICAL FINISHED SECTION
CITY VIEW DRIVE
STA 30+75 to STA 32+75

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

FILE NAME: M:\DESIGN\Projects\11958\Streets\Details\11958EN_Typical Section D-2.dgn DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DISTRICT - 2020	SHEET NO. D-3
PROJECT NO. 11958 TYPICAL SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

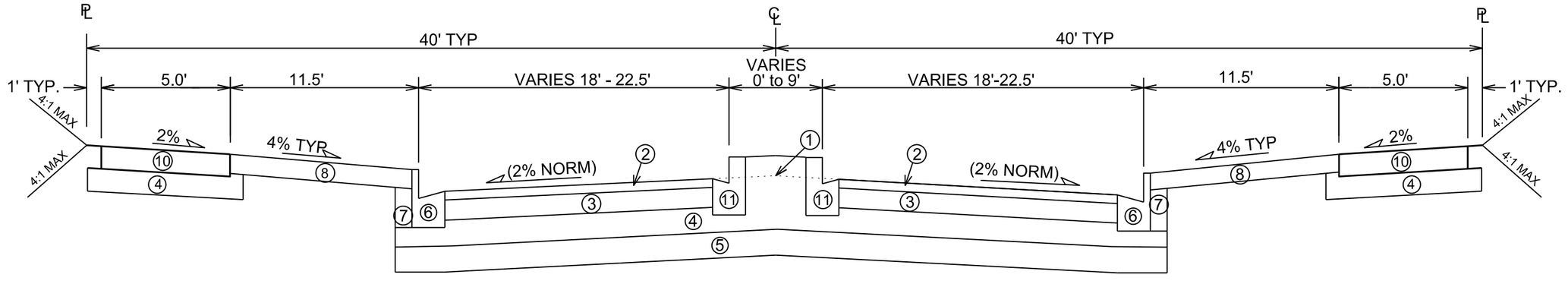


TYPICAL FINISHED SECTION
CITY VIEW DRIVE
STA 36+00 to STA 43+75

① POINT REFERRED TO ON PROFILE
② 2" BITUMINOUS UPPER LAYER, 4 MT 58-28 S
③ 3 $\frac{1}{2}$" BITUMINOUS LOWER LAYER, 3 MT 58-28 S
④ 6" GRADATION 2 CRUSHED STONE
⑤ 6" GRADATION 1 CRUSHED STONE
⑥ TYPE 'A' OR 'X' CONCRETE CURB & GUTTER
⑦ FILL, INCIDENTAL
⑧ 6" TOPSOIL, SEED & MAT
⑨ 3" BITUMINOUS BIKE PATH, 3 LT 58-28 S
⑩ 5" CONCRETE SIDEWALK

* SEE CROSS SECTION SHEETS FOR CROSS SLOPES AND TOP OF CURB ELEVATIONS.

TYPICAL SECTIONS NOT TO SCALE

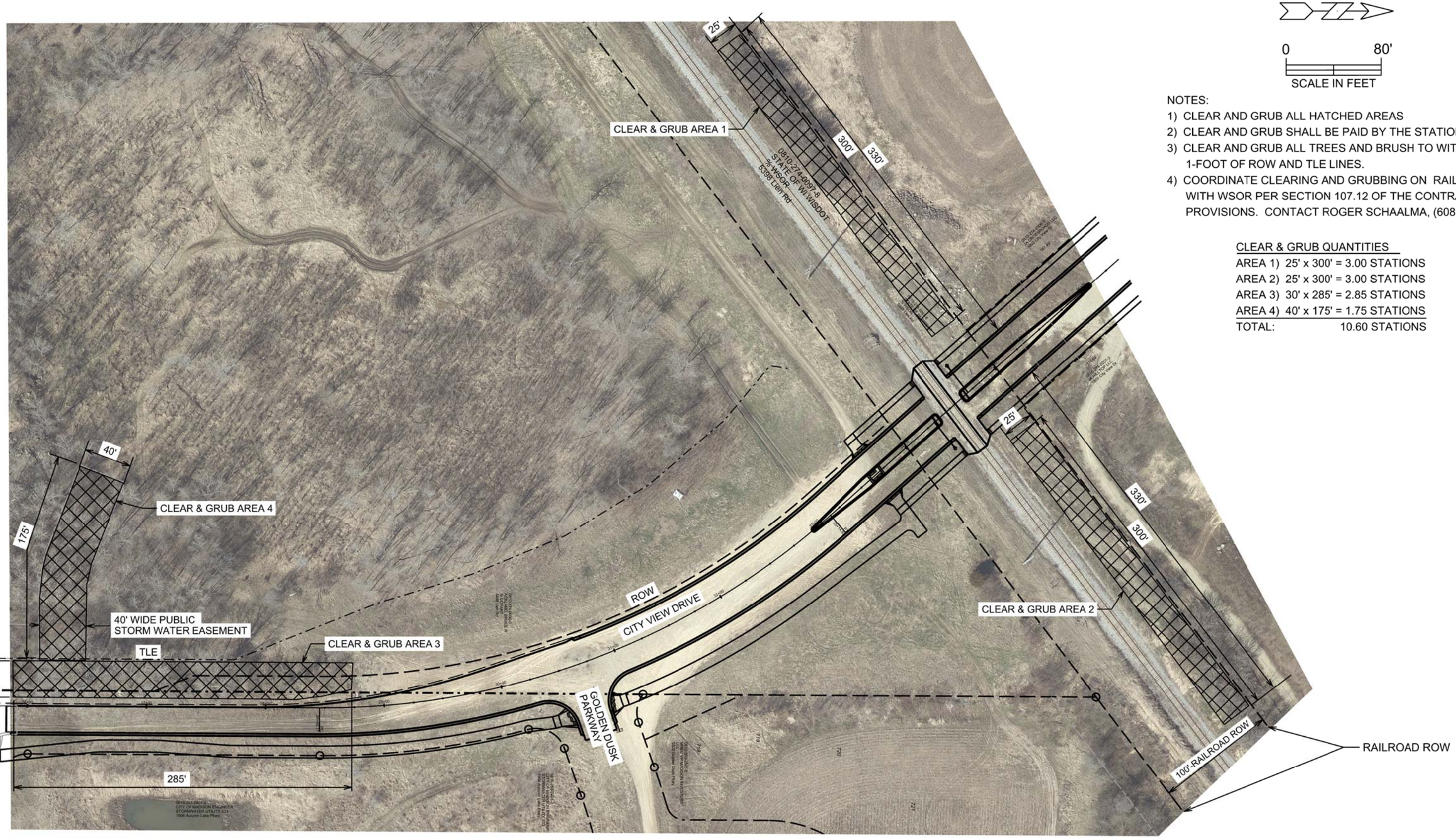


TYPICAL FINISHED SECTION
CITY VIEW DRIVE
STA 33+00 to STA 36+00

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

FILE NAME: M:\DESIGN\Projects\11958\Streets\Details\11958EN_Typical Section D-3.dgn DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DISTRICT - 2020	SHEET NO. D-4
DETAILS	
CLEARING & GRUBBING LIMITS	CITY OF MADISON



0 80'

SCALE IN FEET

NOTES:

1) CLEAR AND GRUB ALL HATCHED AREAS
2) CLEAR AND GRUB SHALL BE PAID BY THE STATION
3) CLEAR AND GRUB ALL TREES AND BRUSH TO WITHIN 1-FOOT OF ROW AND TLE LINES.
4) COORDINATE CLEARING AND GRUBBING ON RAILROAD ROW WITH WSOR PER SECTION 107.12 OF THE CONTRACT SPECIAL PROVISIONS. CONTACT ROGER SCHAALMA, (608) 620-2044.

CLEAR & GRUB QUANTITIES

AREA 1)	25' x 300' = 3.00 STATIONS
AREA 2)	25' x 300' = 3.00 STATIONS
AREA 3)	30' x 285' = 2.85 STATIONS
AREA 4)	40' x 175' = 1.75 STATIONS
TOTAL:	10.60 STATIONS

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

FILE NAME: M:\DESIGN\Projects\11958\Streets\Details\11958EN_Clearing and Grubbing Detail.dgn

DATE: 3/11/2020

2

0 20'

SCALE IN FEET

40.0'
PED / BIKE EASEMENT

FUTURE ASPHALT PATH

0810-274-0096-0
ACKLAND, BRUCE R
% COPART
5448 LIEN ROAD

0810-274-0097-8
STATE OF WI WISDOT
% WISCONSIN & SOUTHERN RR
5398 LIEN ROAD

GRAVEL
RAILROAD TRACKS
GRAVEL

0810-274-0306-3
IA CITY VIEW LLC
1802 CITY VIEW DRIVE

25'
15'
10'

161.49'

EXISTING ROW

5' CONCRETE SIDEWALK

6'

11.5'

RR GATE & WARNING DEVICES (BY OTHERS)

STOP BAR

18'

ASPHALT

CONCRETE PANELS (BY OTHERS)

89' - PROPOSED CONCRETE CROSSING SURFACE

ASPHALT

85.5°

CITY VIEW DRIVE

33+00

34+00

35+00

36+00

RAISED MEDIAN

9'

80'

33+14.82 PT

STOP BAR

RR GATE & WARNING DEVICES (BY OTHERS)

5' CONCRETE SIDEWALK

PROPOSED 10' ASPHALT PATH

10'
15'
25'

110.02'

EXISTING ROW

0810-263-5722-9
CITY OF MADISON ENGINEER
STORMWATER UTILITY
1908 AUTUMN LAKE PARKWAY

0810-274-0097-8
STATE OF WI WISDOT
% WISCONSIN & SOUTHERN RR
5398 LIEN ROAD

0810-274-0207-3
IA CITY VIEW LLC
1805 CITY VIEW DRIVE

100' - RAILROAD ROW

PROJECT NO: 11958	HWY: CITY VIEW DRIVE	COUNTY: DANE	PLAN: PROPOSED RR CROSSING DETAIL	SHEET NO. D-5	E

FILE NAME : M:\DESIGN\Projects\10429\Streets\Design\10429EN-RR Crossing Detail.dgn PLOT DATE : 3/17/2020 PLOT BY : engey PLOT NAME : _____ PLOT SCALE : 20.0000 sf / in.

REVISION 8/21/20 AJZ
- Revised City View low point elevation at STA 35+12, adjusted median grades

REVISION 10/7/20 AJZ
- Revised City Profile

0 20'
SCALE IN FEET

40.0'
PED / BIKE EASEMENT

0810-274-0097-8
STATE OF WI WISDOT
% WISCONSIN & SOUTHERN RR
5398 LIEN ROAD

0810-274-0306-3
IA CITY VIEW LLC
1802 CITY VIEW DRIVE

0810-274-0096-0
ACKLAND, BRUCE R
% COPART
5448 LIEN ROAD

GRAVEL
RAILROAD TRACKS
GRAVEL

25'
15'
10'

161.49'

EXISTING ROW
5' CONCRETE SIDEWALK
6'
11.5'
18'
9'
80'

STA 33+53.76, LT 22.50'
901.35TC / PI
STA 33+23.78, LT 22.07'
900.80 TC / PT
STA 34+39.72, LT 22.50'
902.47 TC / END

ASPHALT
CONCRETE PANELS (BY OTHERS)
CONCRETE CROSSING SURFACE
ASPHALT

RR GATE & WARNING DEVICES (BY OTHERS)
STA 34+64.95, LT 22.50'
902.47 TC / / BEGIN CURB
STA 34+66.42, LT 4.48'
902.62 TC / PT
85.5°

STA 36+05.69, LT 0.91'
903.95 TC / PC
STA 35+97.16, LT 1.26'
903.68 TC / BEGIN SLOPE NOSE
5" CONC SW
STA 35+31.95, LT 4.45'
902.27 TC / PI

STA 32+96.41, LT 0.97'
900.60 TC / PC
CITY VIEW DRIVE
STA 33+04.77, LT 1.63'
900.78 TC / END SLOPE NOSE
STA 33+55.00, LT 4.54'
901.73 TC / PI
STA 34+35.37, LT 4.50'
902.62 TC / PC
5" CONC SW
33+00
34+00
RAISED MEDIAN
35+00
36+00

STA 33+04.81, RT 1.37'
900.78 TC / END SLOPE NOSE
STA 33+55.00, RT 4.46'
901.73 TC / PI
STA 34+34.99, RT 4.50'
902.62 TC / PC
85.5°
STA 34+66.03, RT 4.52'
902.62 TC / PT
STA 35+31.95, RT 4.55'
902.27 TC / PI
STA 35+97.16, RT 1.43'
903.59 TC / BEGIN SLOPE NOSE
MOUNTABLE MEDIAN ISLAND NOSE PER SDD 3.13
STA 36+05.69, RT 1.09'
903.95 TC / PC

STA 32+96.46, RT 1.02'
900.60 TC / PC
MOUNTABLE MEDIAN ISLAND NOSE PER SDD 3.13
CITY VIEW DRIVE

STA 33+53.76, RT 22.50'
901.35 TC / PI
STA 33+07.34, RT 22.00'
900.44 TC / PI
STA 34+36.43, RT 22.50'
902.64 TC / END
STA 34+61.65, RT 22.50'
902.64 TC / BEGIN CURB

5' CONCRETE SIDEWALK
EXISTING ROW
110.02'

PROPOSED 10' ASPHALT PATH

10'
15'
25'

0810-263-5722-9
CITY OF MADISON ENGINEER
STORMWATER UTILITY
1908 AUTUMN LAKE PARKWAY

0810-274-0097-8
STATE OF WI WISDOT
% WISCONSIN & SOUTHERN RR
5398 LIEN ROAD

0810-274-0207-3
IA CITY VIEW LLC
1805 CITY VIEW DRIVE

100' - RAILROAD ROW

PROJECT NO: 11958	HWY: CITY VIEW DRIVE	COUNTY: DANE	PLAN: MEDIAN GRADING PLAN DETAIL	SHEET NO. D-6	E

CITY VIEW DRIVE ASSESSMENT DIST - 2020
PROJECT NO. 11958

SHEET NO.
EC-1

EROSION CONTROL & RESTORATION PLAN

CITY OF MADISON

STREET CONSTRUCTION ENTRANCE BERM

CONSTRUCTION ENTRANCE

TYPE D HYBRID INLET PROTECTION

TYPE C INLET PROTECTION

SILT SOCK (VELOCITY CHECK)

STREET CONSTRUCTION STONE BERM

EROSION CONTROL NOTES:

1) EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITIES.

2) THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

3) THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

4) THE CONTRACTOR SHALL PROVIDE STREET SWEEPING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

5) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STORM WATER CONTROL MEASURES NECESSARY WITHIN THE CHANNEL AND ASSOCIATED DRAINAGES.

6) POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

7) NO CONSTRUCTION MATERIALS OR STOCKPILES SHALL BE STORED IN THE CHANNEL.

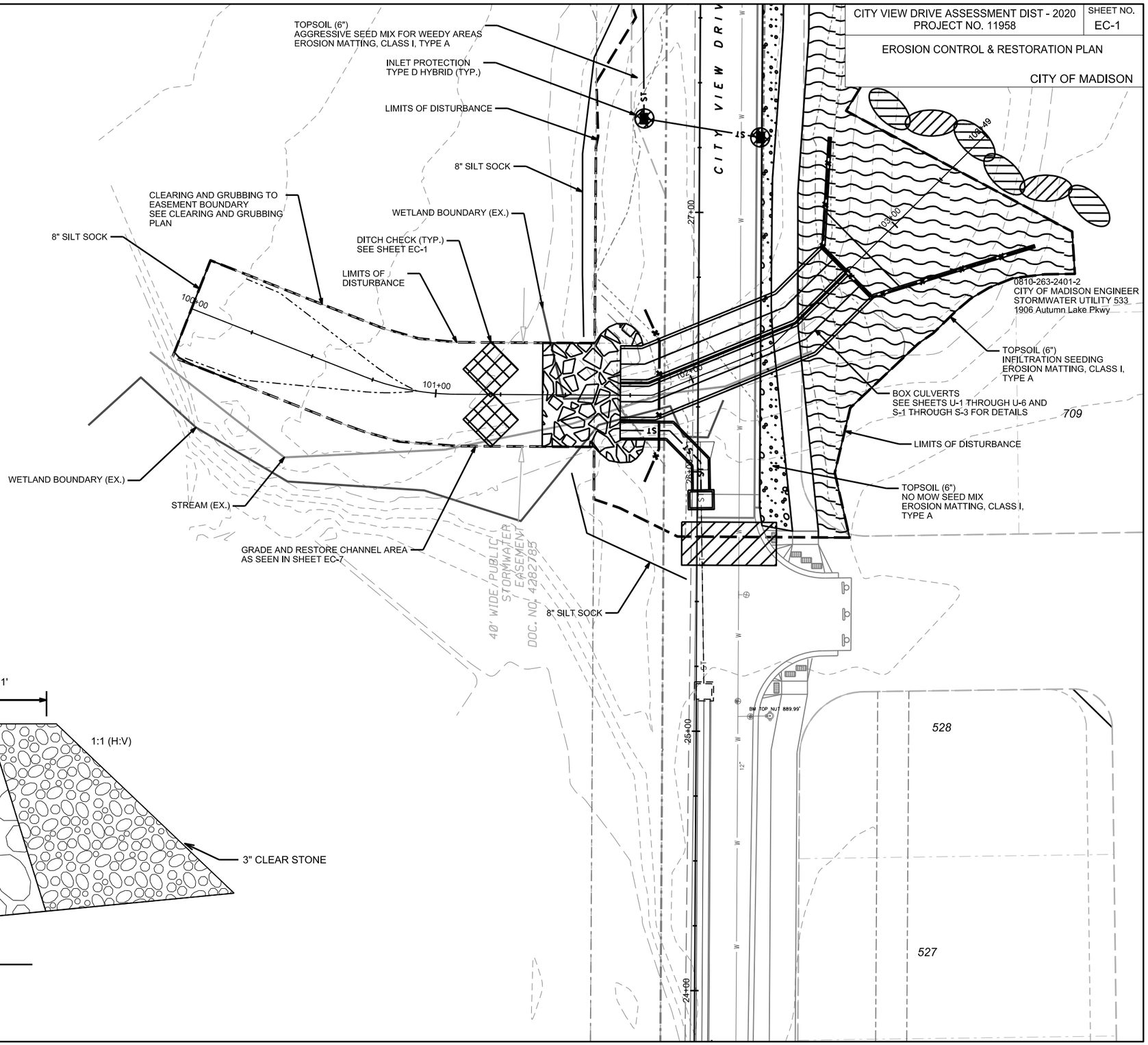
8) CHECK DAMS SHALL BE CONSTRUCTED IN THE LOW-FLOW CHANNEL AS SHOWN IN THE PLAN SET, OR AS DIRECTED BY THE CONSTRUCTION ENGINEER.

9) THE CONTRACTOR SHALL INSTALL SILT FENCE OR SILT SOCK AT THE DIRECTION OF THE CONSTRUCTION ENGINEER.

10) ALL EROSION CONTROL MATTING SHALL BE OVERLAPPED SUCH THAT THE OVERLAP CORRESPONDS TO THE FLOW DIRECTION.

11) ADDITIONAL INLET PROTECTION MAY BE REQUIRED OUTSIDE THE LIMITS OF THIS SHEET.

12) THE CONTRACTOR SHALL USE APPROPRIATE CONCRETE WASTE CATCHMENT. ALL POINTS ON THIS SITE DRAIN DIRECTLY TO THE GREENWAY.



DITCH CHECK DETAIL

PLOT SCALE: ____

PLOT NAME: ____

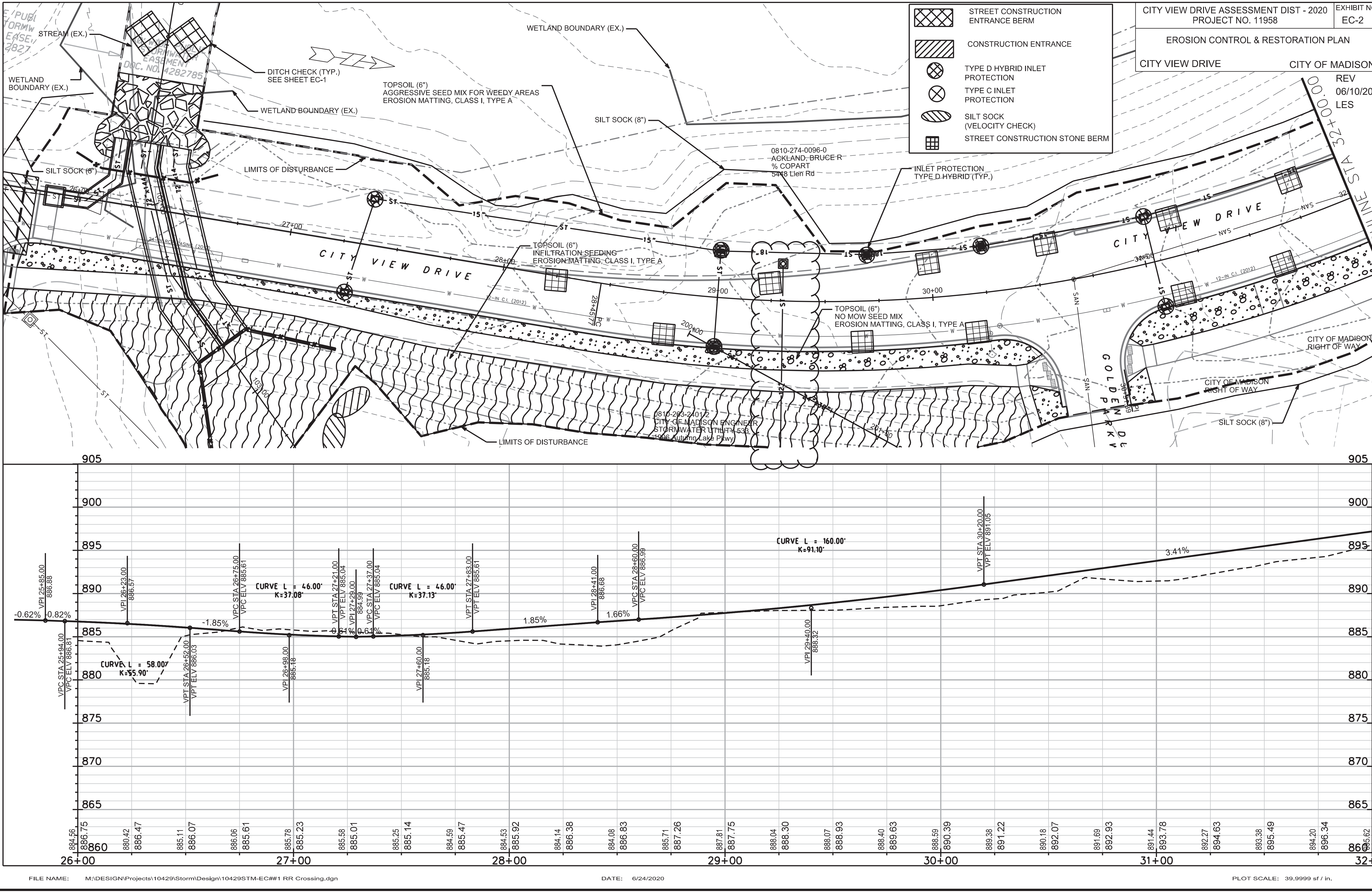
REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Storm\Design\10429STM-ErosionControl.dgn

DATE: 3/17/2020

PLOT SCALE: 39.9999 sf / In.



REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Storm\Design\10429STM-EC##1 RR Crossing.dgn

DATE: 6/24/2020

PLOT SCALE: 39.9999 sf / in.

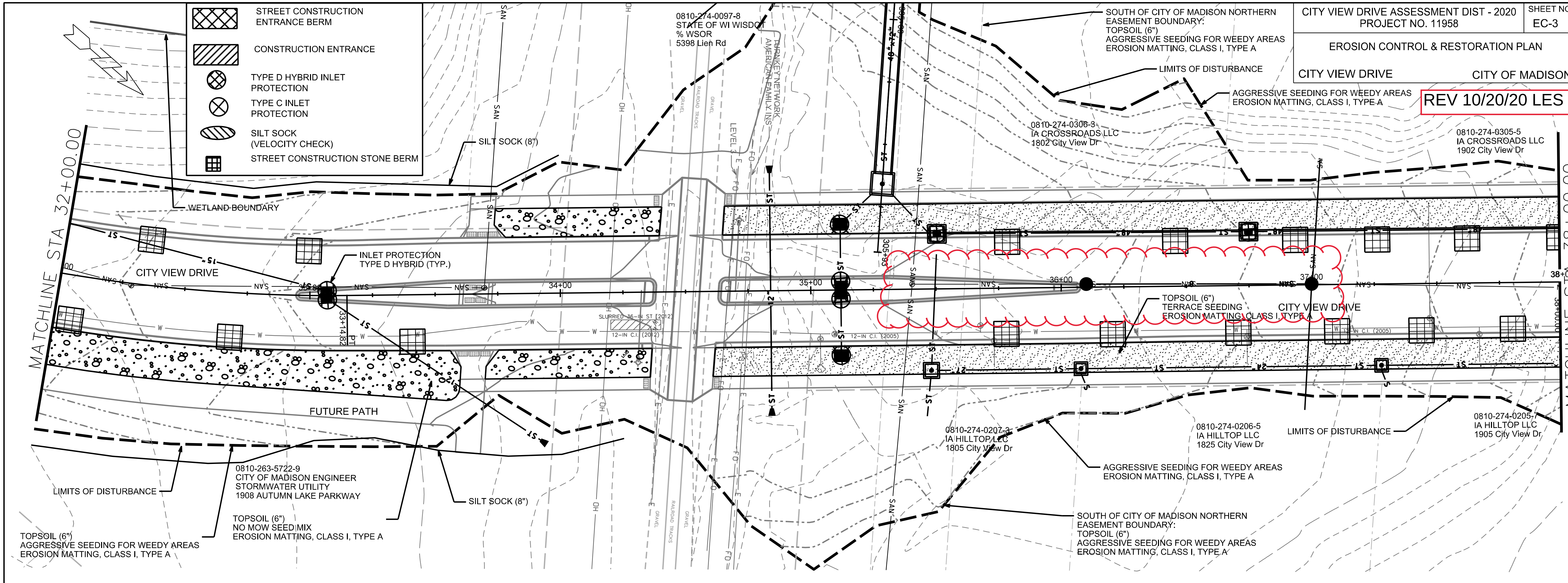
CITY VIEW DRIVE ASSESSMENT DIST - 2020
PROJECT NO. 11958

SHEET NO. EC-3

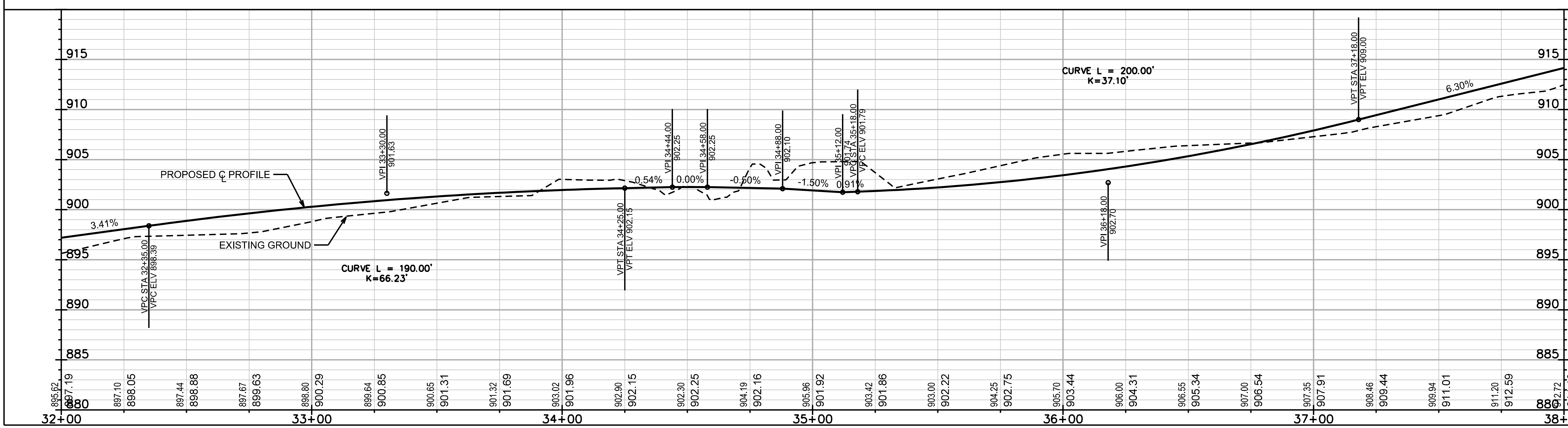
EROSION CONTROL & RESTORATION PLAN

CITY VIEW DRIVE — CITY OF MADISON

REV 10/20/20 LES



STREET CONSTRUCTION ENTRANCE BERM
CONSTRUCTION ENTRANCE
TYPE D HYBRID INLET PROTECTION
TYPE C INLET PROTECTION
SILT SOCK (VELOCITY CHECK)
STREET CONSTRUCTION STONE BERM
MATCHLINE STA 32+00.00
MATCHLINE STA 38+00.00
WETLAND BOUNDARY
SILT SOCK (8")
0810-274-0097-8
STATE OF WI WISDOT
% WSOR
5398 Lien Rd
SOUTH OF CITY OF MADISON NORTHERN EASEMENT BOUNDARY:
TOPSOIL (6")
AGGRESSIVE SEEDING FOR WEEDY AREAS
EROSION MATTING, CLASS I, TYPE A
LIMITS OF DISTURBANCE
AGGRESSIVE SEEDING FOR WEEDY AREAS
EROSION MATTING, CLASS I, TYPE A
0810-274-0306-3
IA CROSSROADS LLC
1802 City View Dr
0810-274-0305-5
IA CROSSROADS LLC
1902 City View Dr
CITY VIEW DRIVE
INLET PROTECTION
TYPE D HYBRID (TYP.)
34+00
35+00
36+00
37+00
38+00
TOPSOIL (6")
TERRACE SEEDING
EROSION MATTING, CLASS I, TYPE A
CITY VIEW DRIVE
FUTURE PATH
0810-274-0207-3
IA HILLTOP LLC
1805 City View Dr
0810-274-0206-5
IA HILLTOP LLC
1825 City View Dr
LIMITS OF DISTURBANCE
0810-274-0205-7
IA HILLTOP LLC
1905 City View Dr
AGGRESSIVE SEEDING FOR WEEDY AREAS
EROSION MATTING, CLASS I, TYPE A
0810-263-5722-9
CITY OF MADISON ENGINEER
STORMWATER UTILITY
1908 AUTUMN LAKE PARKWAY
LIMITS OF DISTURBANCE
SILT SOCK (8")
TOPSOIL (6")
NO MOW SEED MIX
EROSION MATTING, CLASS I, TYPE A
TOPSOIL (6")
AGGRESSIVE SEEDING FOR WEEDY AREAS
EROSION MATTING, CLASS I, TYPE A
SOUTH OF CITY OF MADISON NORTHERN EASEMENT BOUNDARY:
TOPSOIL (6")
AGGRESSIVE SEEDING FOR WEEDY AREAS
EROSION MATTING, CLASS I, TYPE A



PROPOSED ℄ PROFILE
EXISTING GROUND
CURVE L = 190.00'
K=66.23'
CURVE L = 200.00'
K=37.10'
3.41%
-0.54%
0.00%
-0.50%
-1.50%
0.91%
6.30%
VPC STA 32+35.00
VPC ELV 898.39
VPI 33+30.00
901.63
VPT STA 34+25.00
VPT ELV 902.15
VPI 34+44.00
902.25
VPI 34+58.00
902.25
VPI 34+88.00
902.10
VPI 35+12.00
VPC STA 35+18.00
VPC ELV 901.79
VPI 36+18.00
902.70
VPT STA 37+18.00
VPT ELV 909.00
915
910
905
900
895
890
885
880
32+00
33+00
34+00
35+00
36+00
37+00
38+00

FILE NAME: M:\DESIGN\Projects\10429\Storm\Design\10429STM-EC##2 RR Crossing.dgn DATE: 10/20/2020 PLOT SCALE: 39.9999 sf / in.

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

CITY VIEW DRIVE ASSESSMENT DIST - 2020
PROJECT NO. 11958

EXHIBIT NO. EC-4

EROSION CONTROL & RESTORATION PLAN

CITY VIEW DRIVE — CITY OF MADISON

REV 10/7/20 LES

TOPSOIL (6")
TERRACE SEEDING
EROSION MATTING, CLASS I, TYPE A

AGGRESSIVE SEEDING FOR WEEDY AREAS
EROSION MATTING, CLASS I, TYPE A

INLET PROTECTION
TYPE D HYBRID (TYP.)

CITY VIEW DRIVE

TYPE D HYBRID INLET PROTECTION ON ALL TERRACE INLETS

CROSSROADS DRIVE

MATCHLINE STA 38+00.00

0810-274-0304-7
IA CROSSROADS LLC
1922 City View Dr

0810-274-0303-9
IA CROSSROADS LLC
2002 City View Dr

0810-274-0302-2
IA CROSSROADS LLC
2022 City View Dr

0810-274-0301-3
IA CROSSROADS LLC
2102 City View Dr

0810-271-0218-6
IA CROSSROADS LLC
2202 Crossroads Dr

0810-274-0202-3
IA HILLTOP LLC
2005 City View Dr

0810-274-0204-9
IA HILLTOP LLC LLC
1925 City View Dr

0810-274-0205-7
IA HILLTOP LLC
1909 City View Dr

0810-274-0201-5
IA HILLTOP LLC
2115 City View Dr

STREET CONSTRUCTION ENTRANCE BERM
CONSTRUCTION ENTRANCE
TYPE D HYBRID INLET PROTECTION
TYPE C INLET PROTECTION
SILT SOCK (VELOCITY CHECK)
STREET CONSTRUCTION STONE BERM

EXISTING GROUND
PROPOSED $\mathbb{C}_L$ PROFILE

6.30%

VPC STA 39+73.00
VPC ELV 925.05

VPI 40+73.00
931.35

CURVE L = 200.00'
K=41.65'

VPT STA 41+73.00
VPT ELV 932.85

VPI 41+75.00 932.88
VPI 42+00.00 932.75
VPI 42+25.00 932.63
VPI 42+50.00 932.50
VPI 42+75.00 932.63
VPI 43+00.00 933.00
VPI 43+50.00 934.32

1.50% -0.50% -0.50% -0.50% 0.50% 1.50% 2.63% 1.63%

912.72 914.16 915.47 915.73 918.40 917.31 920.58 918.88 922.22 920.46 924.15 922.03 925.15 923.61 926.30 925.18 927.54 926.67 928.56 928.00 929.68 929.19 930.69 930.23 931.43 931.11 932.00 931.85 933.00 932.44 933.36 932.88 934.00 932.75 934.20 932.63 931.72 932.50 928.60 932.63 931.83 933.00 934.00 933.66 934.00 934.32 934.74 934.72 935.03 935.13

945 940 935 930 925 920 915 910 905 900 895

38+00 39+00 40+00 41+00 42+00 43+00 44+00

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

FILE NAME: M:\DESIGN\Projects\10429\Storm\Design\10429STM-EC##3 RR Crossing.dgn
DATE: 10/8/2020
PLOT SCALE: 39.9999 sf / in.

CITY VIEW DRIVE ASSESSMENT DIST - 2020
PROJECT NO. 11958

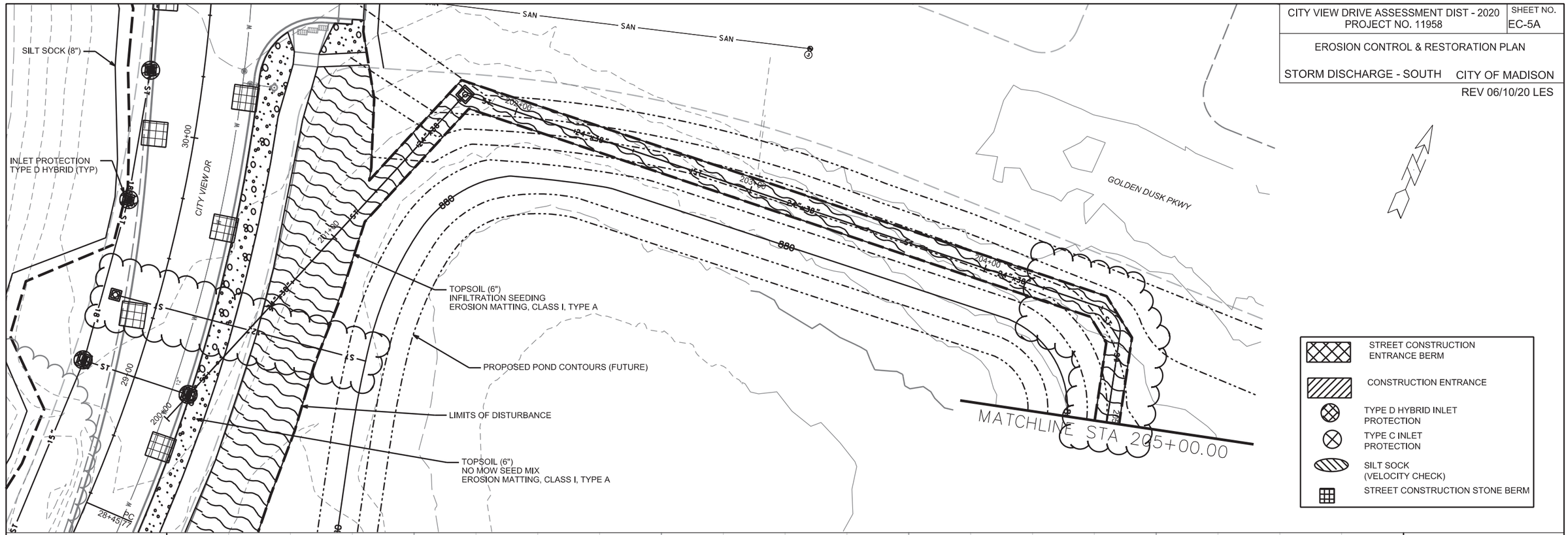
SHEET NO.
EC-5A

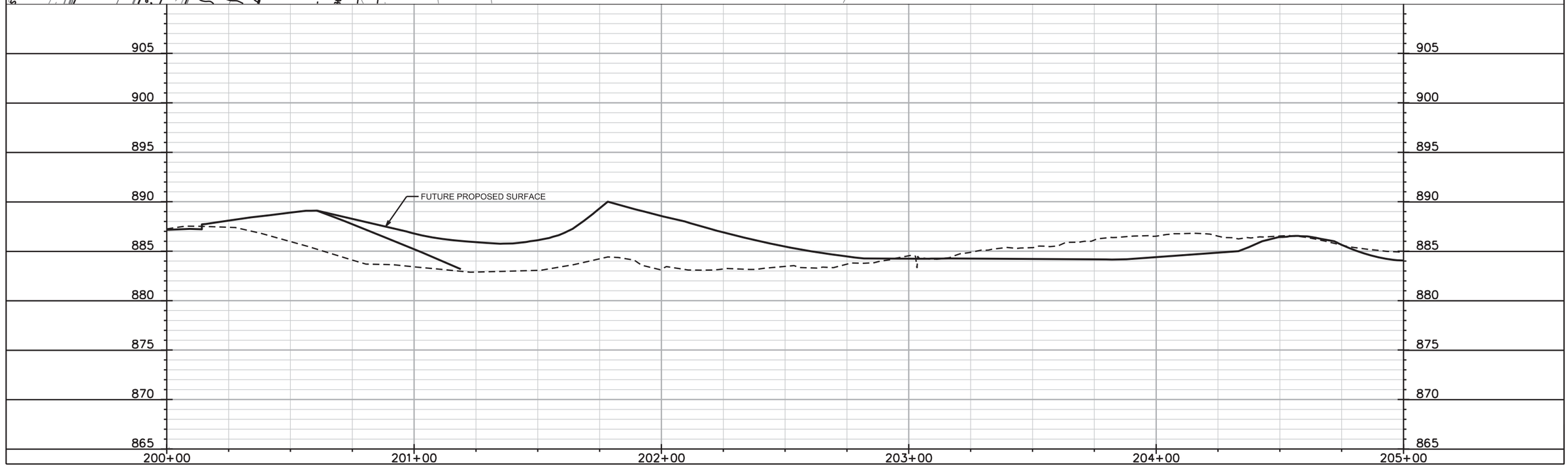
EROSION CONTROL & RESTORATION PLAN

STORM DISCHARGE - SOUTH

CITY OF MADISON

REV 06/10/20 LES





PLOT SCALE: ——

PLOT NAME: ——

REV. DATE: ——

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Storm\Design\10429STM-EC##4A S Discharge.dgn

DATE: 6/24/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020
PROJECT NO. 11958

SHEET NO.
EC-5B

EROSION CONTROL & RESTORATION PLAN

STORM DISCHARGE - SOUTH CITY OF MADISON

REV 7/9/20 LES

STREET CONSTRUCTION ENTRANCE BERM

CONSTRUCTION ENTRANCE

TYPE D HYBRID INLET PROTECTION

TYPE C INLET PROTECTION

SILT SOCK (VELOCITY CHECK)

STREET CONSTRUCTION STONE BERM

MATCHLINE STA 205+00.00

PROPOSED POND CONTOURS

TORSOL (6")
INFILTRATION SEEDING
EROSION MATTING, CLASS I, TYPE A

LIMITS OF DISTURBANCE

LEVITAN LN

FUTURE PROPOSED SURFACE

905
900
895
890
885
880
875
870
865

205+00
206+00
206+36

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

FILE NAME: M:\DESIGN\Projects\10429\Storm\Design\10429STM-EC##4B S Discharge.dgn

DATE: 7/9/2020

REV. LES 08/21/20

CITY VIEW DR ASSESSMENT DIST - 2020
PROJECT NO. 11958

SHEET NO.
EC-6

EROSION CONTROL & RESTORATION PLAN

STORM DISCHARGE NORTH — CITY OF MADISON

STREET CONSTRUCTION ENTRANCE BERM

CONSTRUCTION ENTRANCE

TYPE D HYBRID INLET PROTECTION

TYPE C INLET PROTECTION

SILT SOCK (VELOCITY CHECK)

STREET CONSTRUCTION STONE BERM

AGGRESSIVE SEEDING FOR WEEDY AREAS
EROSION MATTING, CLASS I, TYPE A

DISTURBANCE SOUTH OF CITY OF MADISON
NORTH EASEMENT BOUNDARY:
TOPSOIL (6")
AGGRESSIVE SEEDING FOR WEEDY AREAS
EROSION MATTING, CLASS I, TYPE A

EX 10" PVC SAN

INLET PROTECTION
TYPE D HYBRID (TYP.)

TOPSOIL (6")
TERRACE SEEDING
EROSION MATTING, CLASS I, TYPE A

LIMITS OF DISTURBANCE

TOPSOIL (6")
AGGRESSIVE SEEDING FOR WEEDY AREAS
EROSION MATTING, CLASS I, TYPE A

SILT SOCK (8")

0810-274-0097-8
STATE OF WI WISDOT
% WSOR
5398 Lien Rd

EX 24" PVC SAN

910
905
900
895
890
885
880
875
870

300+00
301+00
302+00
303+00
304+00
305+00
306+00

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

FILE NAME: M:\DESIGN\Projects\10429\Storm\Design\10429STM-EC##5 N Discharge.dgn

DATE: 8/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020
PROJECT NO. 11958

SHEET NO.
EC-6B

EROSION CONTROL & RESTORATION PLAN

LOT 68/69 EASEMENT

CITY OF MADISON

REV 10/12/20 LES

STREET CONSTRUCTION ENTRANCE BERM

CONSTRUCTION ENTRANCE

TYPE D HYBRID INLET PROTECTION

TYPE C INLET PROTECTION

SILT SOCK (VELOCITY CHECK)

STREET CONSTRUCTION STONE BERM

75' DRAINAGE EASEMENT (PLAT) DOC 3143495

FIELD GRADE TO MIN DEPTH OF 1' OVER TOP OF PIPE, GRADE SIDE SLOPES OF BERM AT 3H:1V TO EXISTING GROUND BY OTHERS

TOPSOIL (6") AGGRESSIVE SEEDING FOR WEEDY AREAS EROSION MATTING, CLASS I, TYPE A BY OTHERS

PROPOSED 30' STORMWATER DRAINAGE EASEMENT

RESTORATION BY CITY OF MADISON

RESTORATION BY OTHERS

LIMITS OF DISTURBANCE

8" SILT SOCK

0810-274-0301-3
IA CROSSROADS LLC
2102 City View Dr

0810-274-0304-4
IA CROSSROADS LLC
2022 City View Dr

400+00 401+00 402+00 403+00 404+00 405+00 406+00

930 925 920 915 910 905 900 895 890 885

PLOT SCALE: ——

PLOT NAME: ——

REV. DATE: ——

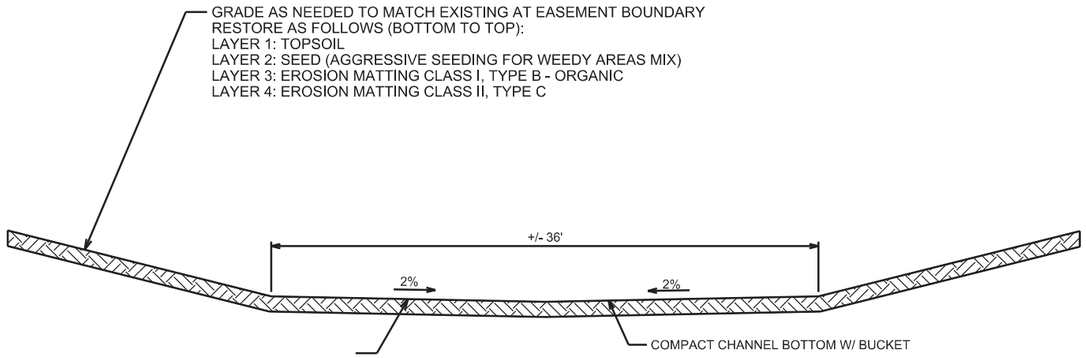
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Storm\Design\10429STM-EC##6 Easement.dgn

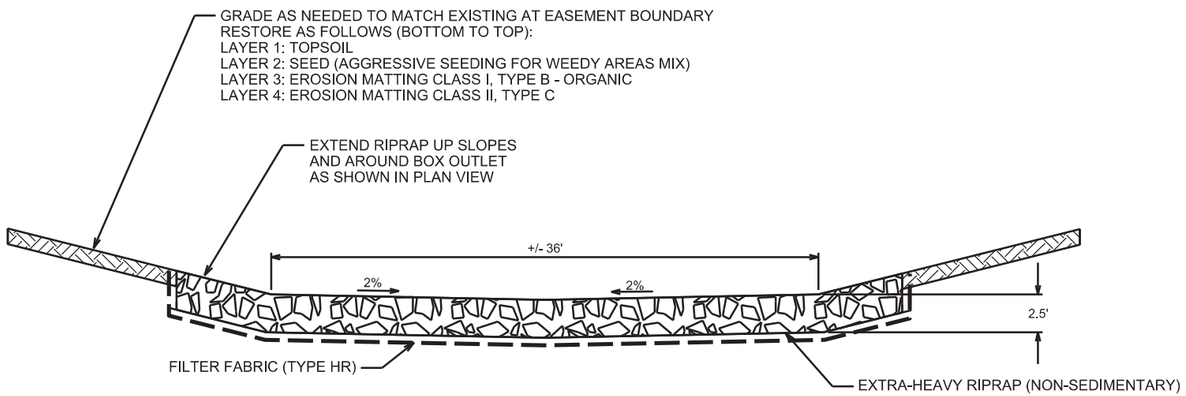
DATE: 10/12/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. EC-7
DETAIL (NOT TO SCALE)	
RESTORATION DETAIL	CITY OF MADISON

REV 10/12/20 LES



RESTORATION DETAIL
STA 100+00.00 TO 101+41.20
NOT TO SCALE

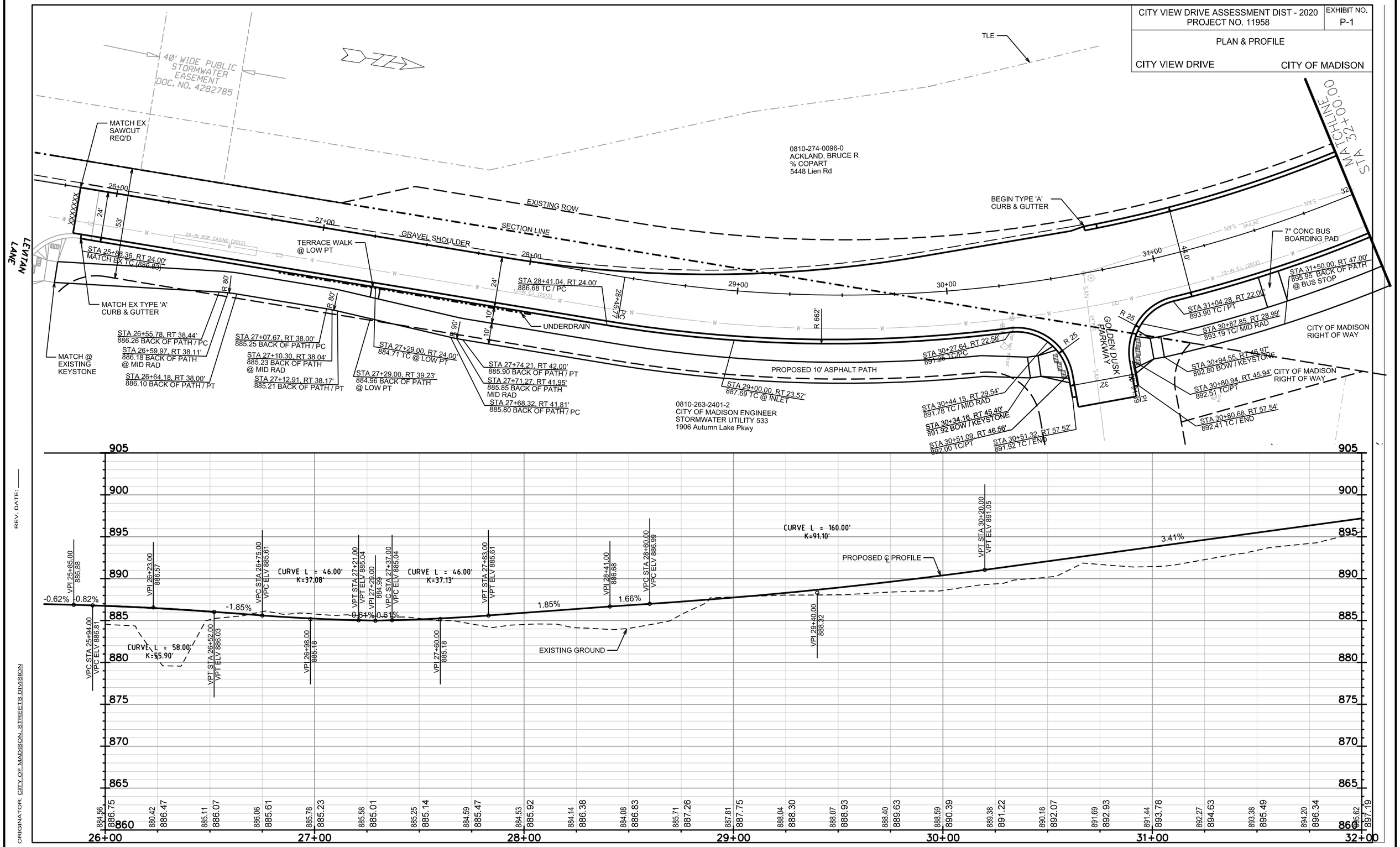


RESTORATION DETAIL
STA 101+41.20 TO 101+71.20
NOT TO SCALE

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

FILE NAME: M:\DESIGN\Projects\10429\Storm\Design\10429STM_Details##.dgn
DATE: 3/10/2020
PLOT SCALE: 10.0000 sf / In.

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	EXHIBIT NO. P-1
PLAN & PROFILE	
CITY VIEW DRIVE	CITY OF MADISON



REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-PnP##1 RR Crossing.dgn

DATE: 3/17/2020

PLOT SCALE: 40.0000 sf / In.

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. P-2
PLAN & PROFILE	
CITY VIEW DRIVE	CITY OF MADISON

0810-274-0096-0
ACKLAND, BRUCE R
% COPART
5448 LIEN ROAD

0810-274-0097-8
STATE OF WI WISDOT
% WSOR
5398 Lien Rd

0810-274-0306-3
IA CROSSROADS LLC
1802 City View Dr

0810-274-0305-5
IA CROSSROADS LLC
1902 City View Dr

0810-274-0207-3
IA HILLTOP LLC
1805 City View Dr

0810-274-0206-5
IA HILLTOP LLC
1825 City View Dr

0810-274-0205-7
IA HILLTOP LLC
1905 City View Dr

0810-263-5722-9
CITY OF MADISON ENGINEER
STORMWATER UTILITY
1908 AUTUMN LAKE PARKWAY

MATCHLINE STA 32+00.00

MATCHLINE STA 38+00.00

CITY VIEW DRIVE

ASPHALT PATH

CONC SIDEWALK

UNDERDRAIN

TRANSITION TO 2" CURB HEAD

EXISTING PED/BIKE & SANITARY SEWER EASEMENT

EXISTING STORM & SANITARY SEWER EASEMENT

TURNKEY NETWORKS AMERICAN FAMILY INS

STA 33+53.76, LT 22.50'
901.35 TC / PI

STA 33+23.78, LT 22.07'
900.80 TC / PT

STA 33+06.86, LT 1.78'
900.85 TC @ INLET

STA 33+64.76, LT 39.00'
901.60 BOW / BEGIN SW

STA 34+41.19, LT 39.00'
901.96 BOW / END

STA 34+39.72, LT 22.50'
902.47 TC / END

STA 33+06.98, RT 1.47'
900.85 TC @ INLET

STA 33+14.82
PT

STA 33+07.34, RT 22.00'
900.44 TC / PI

STA 33+53.76, RT 22.50'
901.35 TC / PI

STA 34+36.47, RT 22.50'
902.64 TC / END

STA 32+62.88, RT 47.00'
900.06 BACK OF PATH / PI

STA 33+53.23, RT 52.39'
902.07 BACK OF PATH / PC

STA 34+35.41, RT 39.00'
902.60 BOW / END

STA 34+60.23, RT 39.00'
902.60 BOW / BEGIN SW

STA 34+66.26, LT 39.00'
901.96 BOW / BEGIN SW

STA 34+64.95, LT 22.50'
902.47 TC / BEGIN C&G

STA 34+97.00, LT 39.00'
901.31 BOW

STA 34+97.00, LT 22.50'
901.60 TC / BEGIN 2" CURB

STA 35+12.00, LT 39.00'
900.82 BOW / LOW PT

STA 35+27.00, LT 39.00'
901.41 BOW

STA 35+12.00, LT 22.50'
901.37 TC / LOW PT

STA 35+27.00, LT 22.50'
901.52 TC / END 2" CURB

STA 35+12.00, LT 4.46'
902.07 TC / LOW PT

STA 34+61.65, RT 22.50'
902.64 TC / BEGIN

STA 35+12.00, RT 20.50'
901.71 TC / LOW PT

STA 35+12.00, RT 4.54'
902.07 TC / LOW PT

STA 36+02.00, LT 22.50'
903.47 TC / PI

STA 36+50.00, LT 22.00'
905.31 TC / PI

STA 36+02.00, RT 22.50'
903.47 TC / PI

STA 36+50.00, RT 22.00'
905.31 TC / PI

R 687

R 51

R 51

40'

30'

4'

4'

18'

18'

18'

18'

44'

80'

161.49'

167.47'

110.02'

120.00'

120.00'

33+00

34+00

35+00

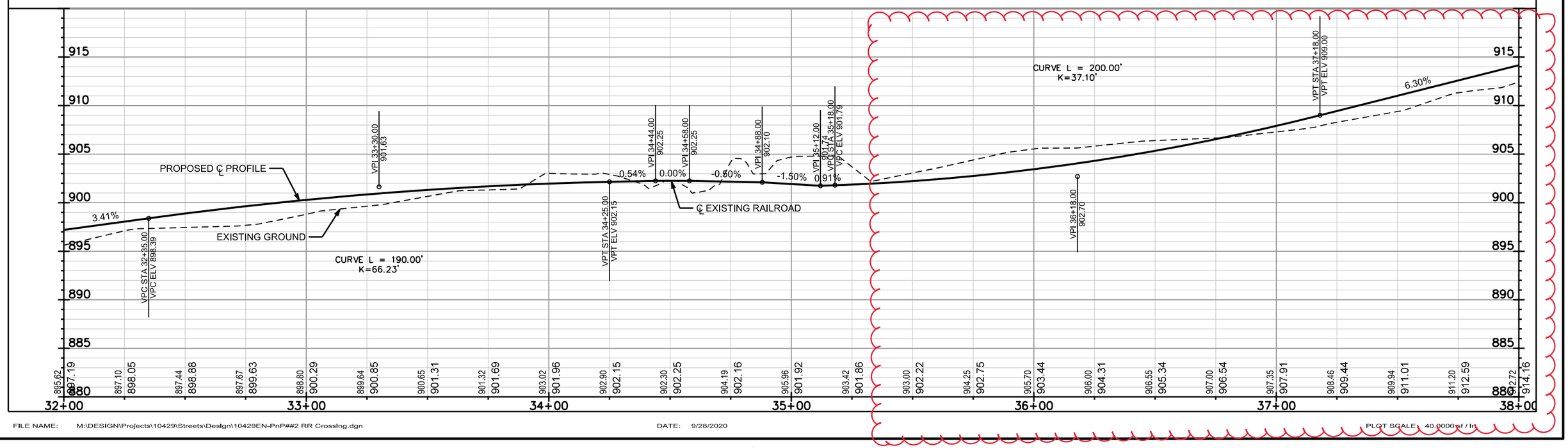
36+00

37+00

38+00

REVISION 8/21/20 AJZ
- Revised City View low point elevation at STA 35+12, adjust curb head and dip sidewalk at low point left to create stormwater overland flow

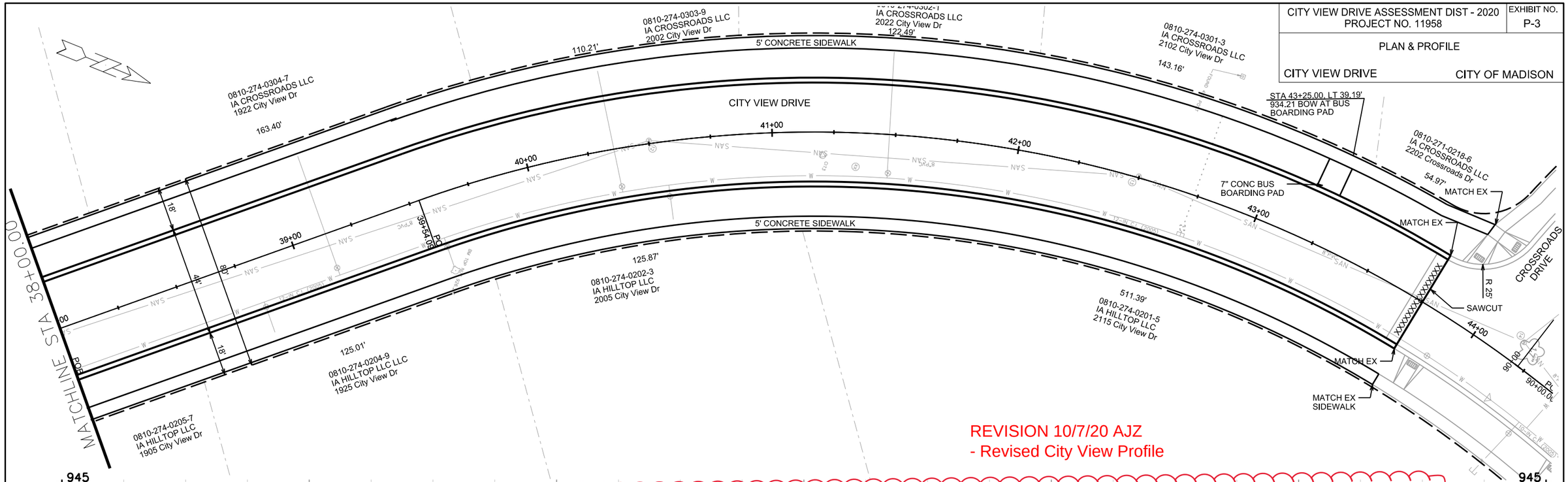
REVISION 10/7/20 AJZ
- Revised City View Profile



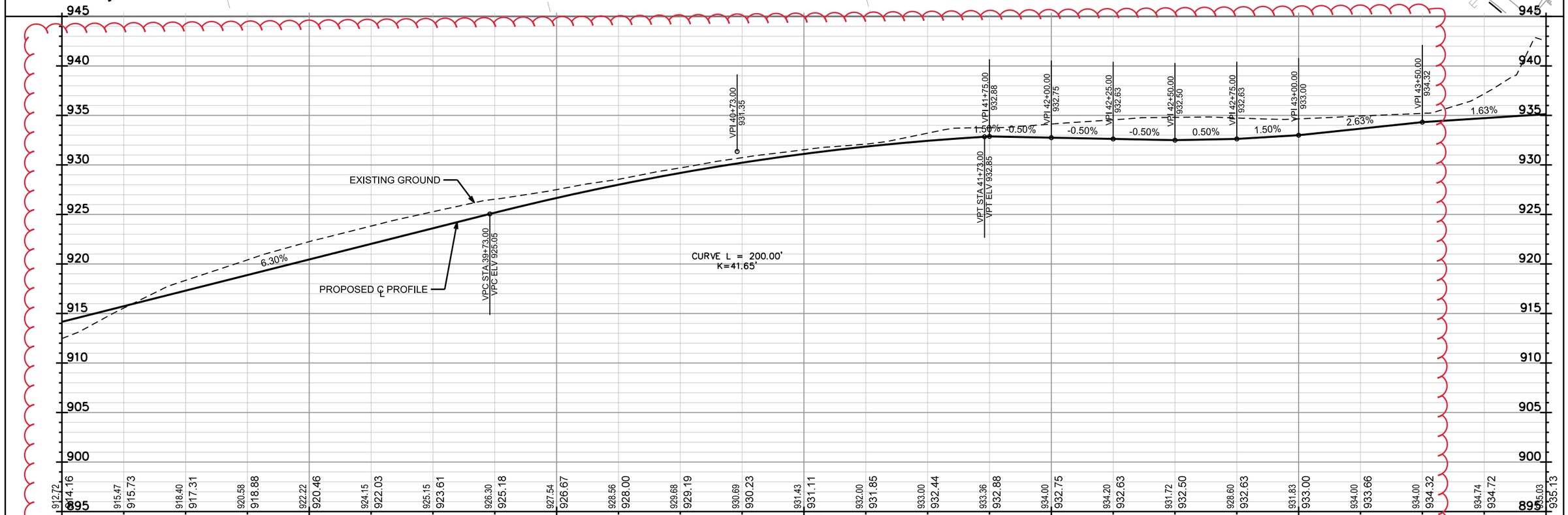
PLOT SCALE: ——
PLOT NAME: ——
REV. DATE: ——
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-PnP##2 RR Crossing.dgn
DATE: 9/28/2020
PLOT SCALE: 40.0000 sf / in

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	EXHIBIT NO. P-3
PLAN & PROFILE	
CITY VIEW DRIVE	CITY OF MADISON



REVISION 10/7/20 AJZ
- Revised City View Profile

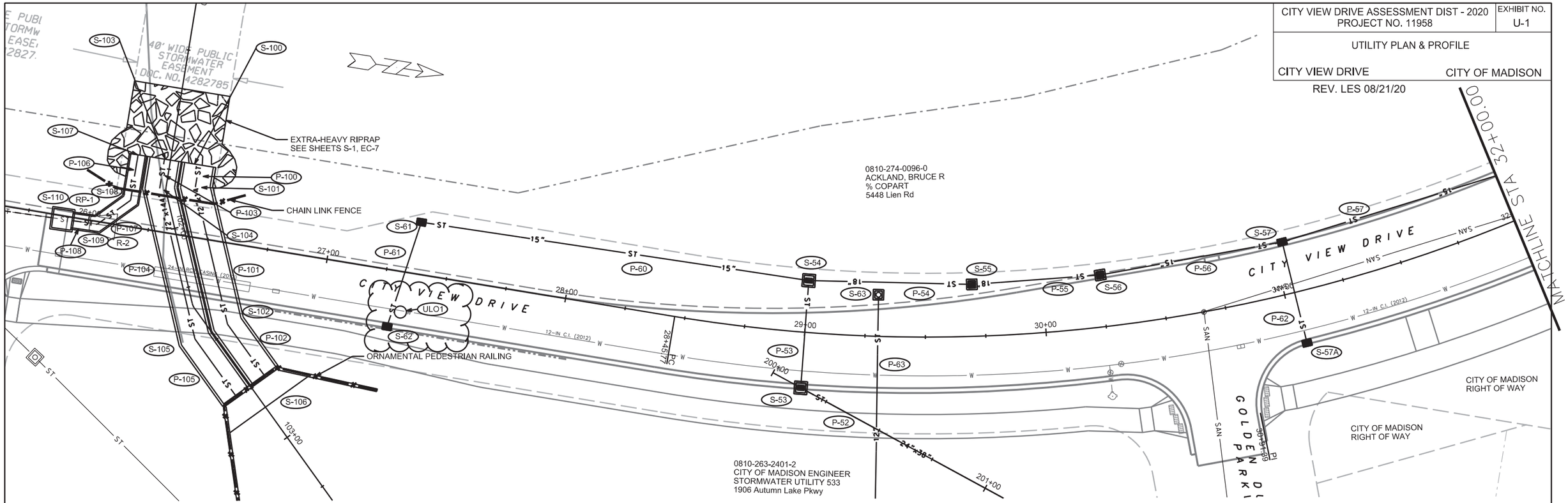


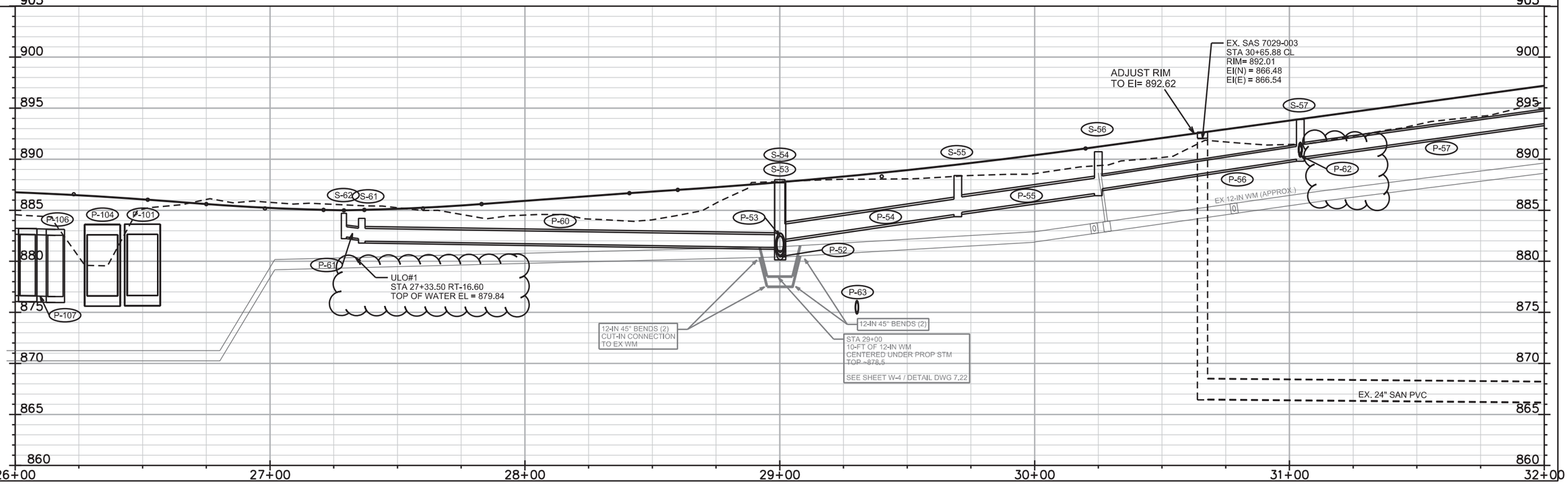
PLOT SCALE: ____
PLOT NAME: ____
REV. DATE: ____
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Street\Design\10429EN-PnP##3 RR Crossing.dgn
DATE: 9/29/2020
PLOT SCALE: 40.0003 sf / In.

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	EXHIBIT NO. U-1
UTILITY PLAN & PROFILE	
CITY VIEW DRIVE	CITY OF MADISON

REV. LES 08/21/20





REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Storm\Design\10429STM-PnP##1 RR Crossing LES.dgn

DATE: 8/19/2020

PLOT SCALE: 39.9999 sf / In.

REV 10/7/20 LES

REV 10/20/20 LES

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. U-2
UTILITY PLAN & PROFILE	
CITY VIEW DRIVE	CITY OF MADISON

PLOT SCALE: ——

PLOT NAME: ——

REV. DATE: ——

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0810-274-0096-0
ACKLAND, BRUCE R
% COPART
5448 LIEN ROAD

0810-274-0097-8
STATE OF WI WISDOT
% WSOR
5398 Lien Rd

0810-274-0306-3
IA CROSSROADS LLC
1802 City View Dr

0810-274-0305-5
IA CROSSROADS LLC
1902 City View Dr

0810-274-0207-3
IA HILLTOP LLC
1805 City View Dr

0810-274-0206-5
IA HILLTOP LLC
1825 City View Dr

0810-274-0205-7
IA HILLTOP LLC
1905 City View Dr

0810-263-5722-9
CITY OF MADISON ENGINEER
STORMWATER UTILITY
1908 AUTUMN LAKE PARKWAY

MATCHLINE STA 32+00.00

MATCHLINE STA 38+00.00

EX 24" PVC SAN

EX 10" PVC SAN

EX 8" PVC SAN

TURNKEY NETWORK/ AMERICAN FAMILY INS

LEVEL 3

RAILROAD TRACKS

GRAVEL

SLURRIED 36--IN ST (2012)

12--IN C.I. (2012)

12--IN C.I. (2005)

8" LATERAL
STA 37+04.02 LT-50'
INSTALL ELECTRONIC
MARKER BALL
ABOVE LATERAL (TYP)

8" LATERAL
STA 36+96.71 RT-50'
INSTALL ELECTRONIC
MARKER BALL
ABOVE LATERAL (TYP)

90 LF - 8" SAN PVC @ 0.72%

REM. EX 8" SAN

SAS #100

SAS #1

PRIVATE 18" STORM CONNECTION (BY OTHERS)

PRIVATE 18" STORM CONNECTION (BY OTHERS)

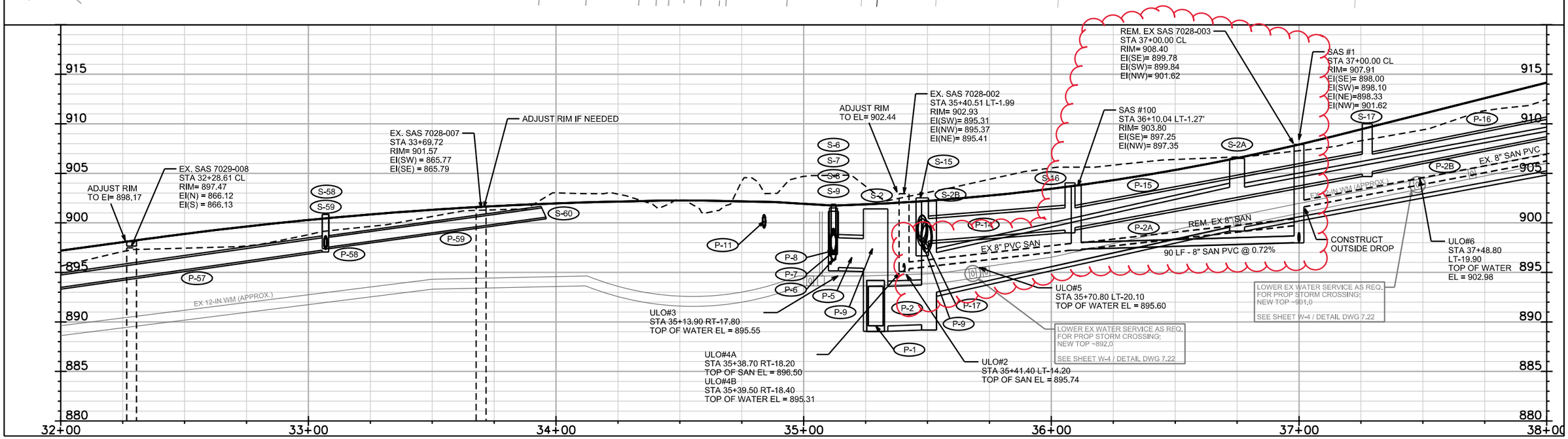
P-57 P-58 P-59 P-1 P-2 P-5 P-6 P-7 P-8 P-9 P-11 P-14 P-15 P-16 P-17 P-2A P-2B

S-58 S-59 S-60 S-2 S-2A S-2B S-6 S-7 S-8 S-9 S-10 S-11 S-12 S-15 S-16 S-17

ULO2 ULO3 ULO4 ULO5 ULO6

33+12.82 PT

34+00 35+00 36+00 37+00



FILE NAME: M:\DESIGN\Projects\10429\Storm\Design\10429STM-PnP##2 RR Crossing.dgn

DATE: 10/20/2020

PLOT SCALE: 39.9999 sf / In.

CITY VIEW DRIVE ASSESSMENT DIST - 2020
PROJECT NO. 11958

EXHIBIT NO. U-3

UTILITY PLAN & PROFILE

CITY VIEW DRIVE — CITY OF MADISON

REV 10/7/20 LES

0810-274-0304-7
IA CROSSROADS LLC
1922 City View Dr

0810-274-0303-9
IA CROSSROADS LLC
2002 City View Dr

0810-274-0302-1
IA CROSSROADS LLC
2022 City View Dr

0810-274-0301-3
IA CROSSROADS LLC
2102 City View Dr

0810-271-0218-6
IA CROSSROADS LLC
2202 Crossroads Dr

0810-274-0202-3
IA HILLTOP LLC
2005 City View Dr

0810-274-0204-9
IA HILLTOP LLC LLC
1925 City View Dr

0810-274-0205-7
IA HILLTOP LLC
1905 City View Dr

0810-274-0207-5
IA HILLTOP LLC
2115 City View Dr

PRIVATE 18" STORM CONNECTION (BY OTHERS)

8" LATERAL STA 40+52.40 LT-50' INSTALL ELECTRONIC MARKER BALL ABOVE LATERAL (TYP)

8" LATERAL STA 40+48.85 RT-50' INSTALL ELECTRONIC MARKER BALL ABOVE LATERAL (TYP)

8" LATERAL STA 42+69.07 LT-48.65' INSTALL ELECTRONIC MARKER BALL ABOVE LATERAL (TYP)

SAN TAP EX SAS W/ 8" LATERAL RECONSTRUCT BENCH & FLOWLINES

EX 8" PVC SAN

EX IN 7027-021

EX IN 7027-020

MATCHLINE STA 38+00.00

EX. SAS 7028-004
STA 40+50.10 LT-1.27
RIM= 932.76
EI(SE)= 918.00
EI(NW)= 919.38
EI(W)= 921.00 (6" STUB)

ADJUST RIM TO EI= 929.19

ULO#9
STA 41+47.00 RT-17.70
TOP OF WATER EL = 925.25

ADJUST RIM TO EI= 932.50

EX. SAS 7027-001
STA 42+49.84 CL
RIM= 935.07
EI(SE)= 920.38
EI(N)= 920.37
EI(SW)= 920.47 (6" STUB)

EX. IN 7027-021

EX. IN 7027-020

48" EX. RCP

48" EX. RCP

EX 12-IN WM (APPROX.)

EX. 8" SAN PVC

EX. 8" SAN PVC

EX. 8" SAN PVC

ULO#8
STA 40+41.80 LT-16.10
TOP OF WATER EL = 922.12

ULO#7
STA 39+14.80 RT-14.20
TOP OF WATER EL = 914.18

MINIMUM TOP ~925.0
REMOVE PREVIOUS LOWERING AS REQ.
SEE SHEET W-4 / DETAIL DWG 7.22

MINIMUM TOP ~921.0
REMOVE PREVIOUS LOWERING AS REQ.
SEE SHEET W-4 / DETAIL DWG 7.22

RAISE EX WATER SERVICE AS REQ. FOR PROP STORM CROSSING:
NEW TOP ~916.0
SEE SHEET W-4 / DETAIL DWG 7.22

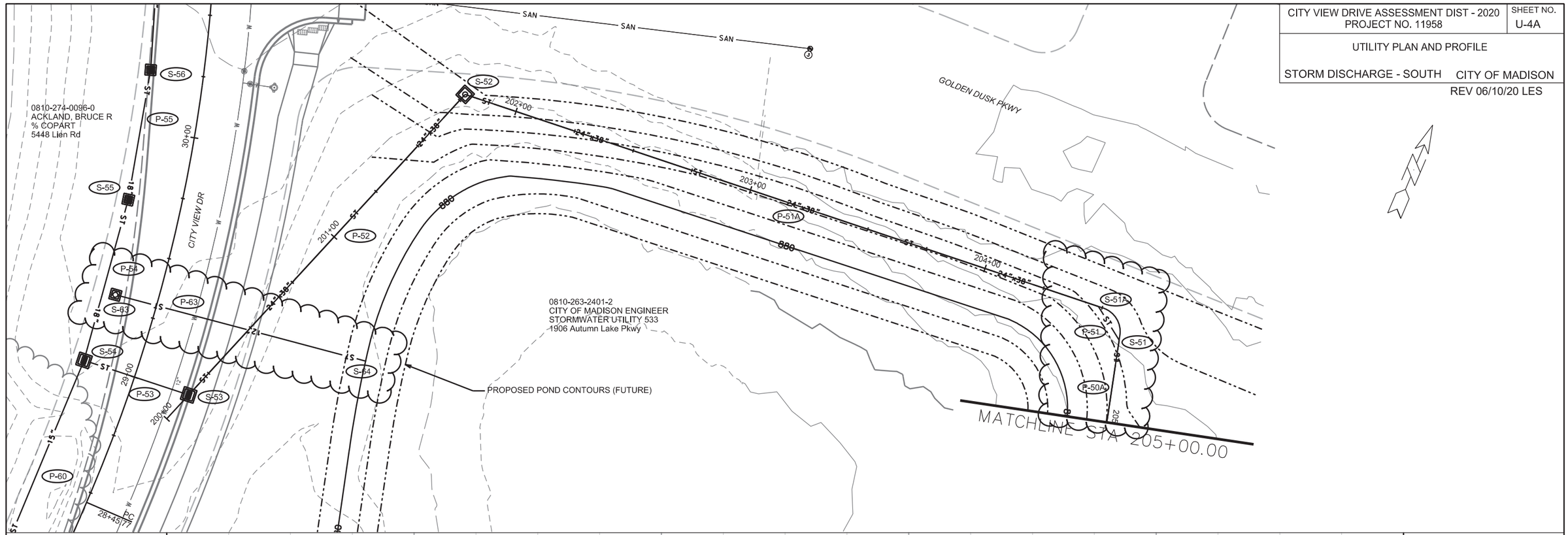
REMOVE ABANDONED SERVICE PIPE AS REQ.

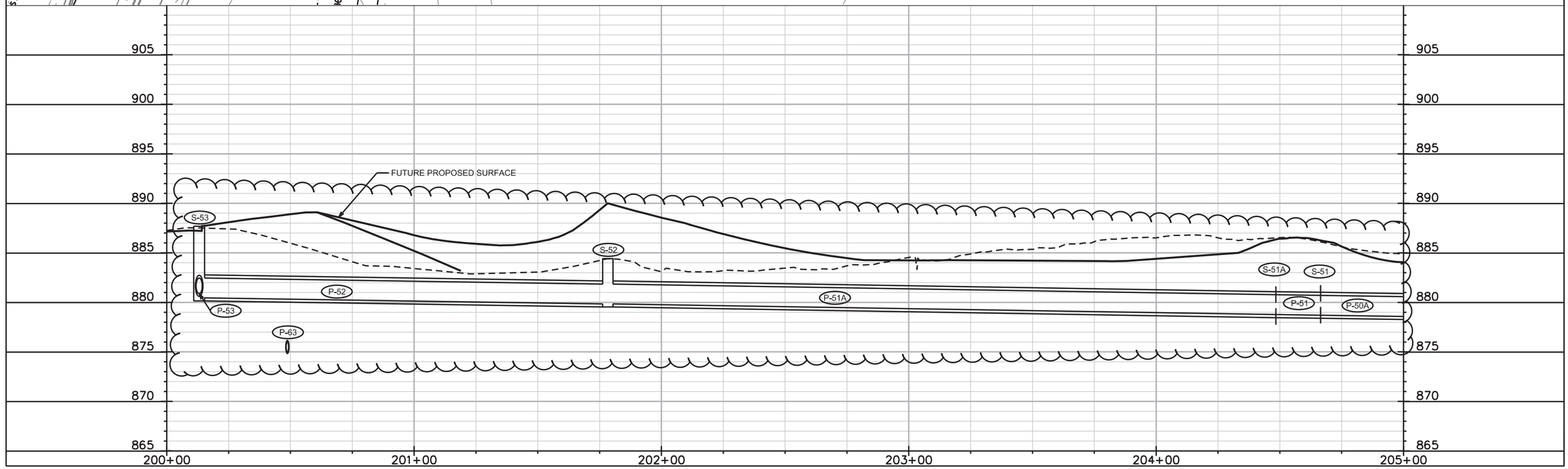
PLOT SCALE: ——
PLOT NAME: ——
REV. DATE: ——
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Storm\Design\10429-TM-prP#3 RR Crossing.dgn
DATE: 10/7/2020
PLOT SCALE: 39.9999 ft / in.

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. U-4A
UTILITY PLAN AND PROFILE	
STORM DISCHARGE - SOUTH CITY OF MADISON REV 06/10/20 LES	

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





FILE NAME: M:\DESIGN\Projects\10429\Storm\Design\10429STM-PnP##4A S Discharge.dgn DATE: 6/24/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020
PROJECT NO. 11958

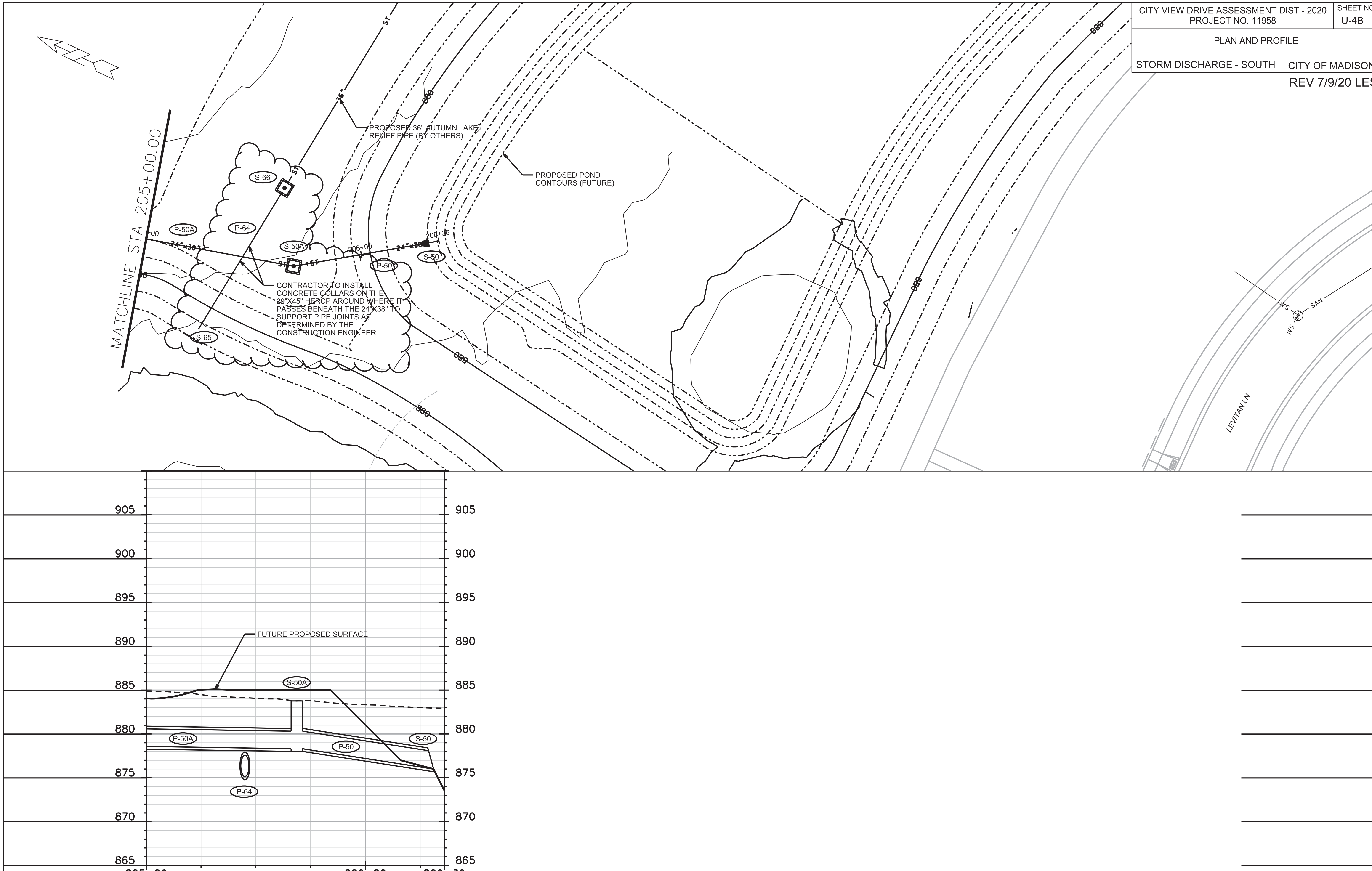
SHEET NO. U-4B

PLAN AND PROFILE

STORM DISCHARGE - SOUTH

CITY OF MADISON

REV 7/9/20 LES



PLOT SCALE: ___

PLOT NAME: ___

REV. DATE: ___

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Storm\Design\10429STM-PnP##4B S Discharge.dgn

DATE: 7/9/2020

REV. LES 08/21/20

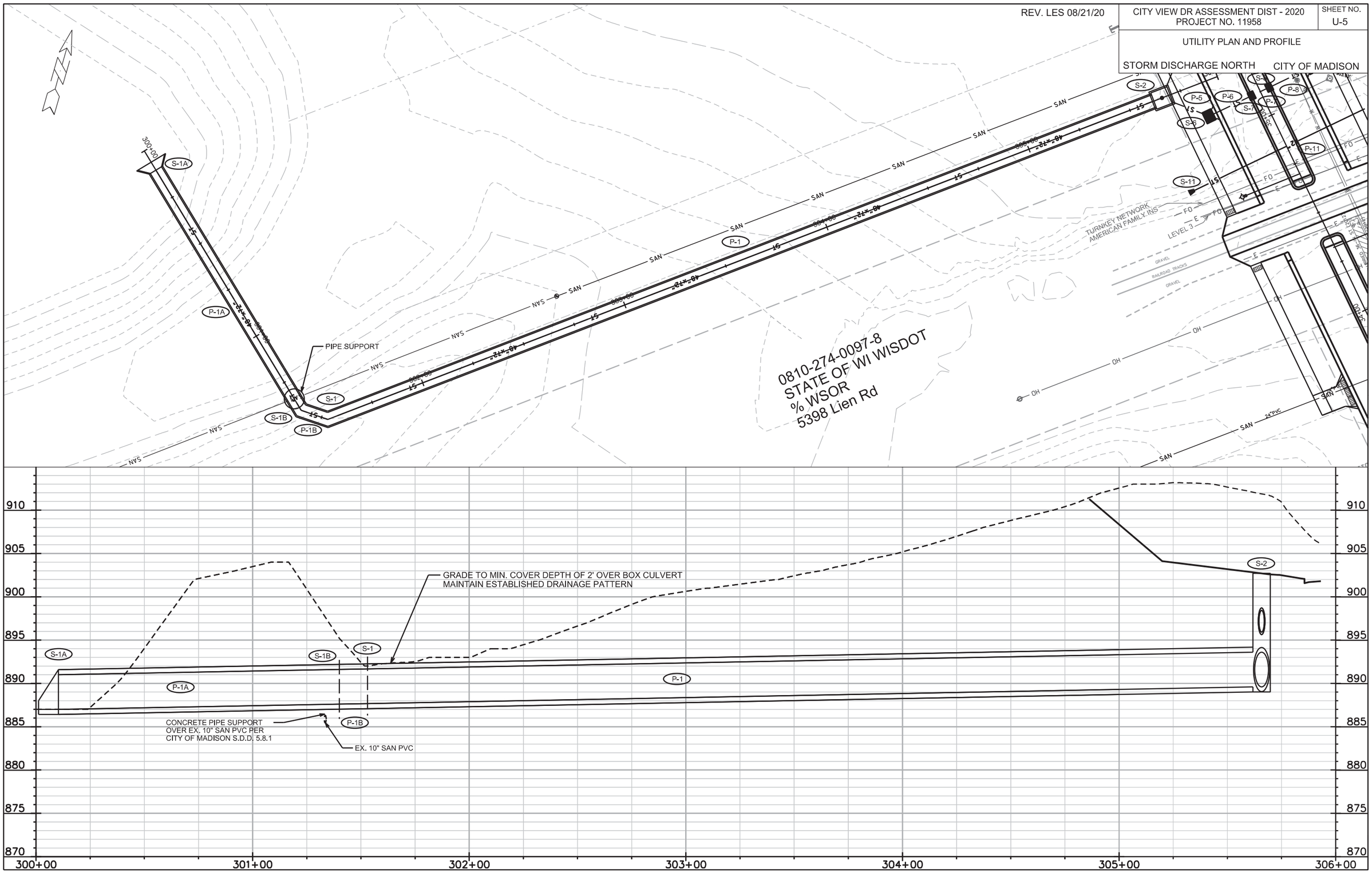
CITY VIEW DR ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. U-5
UTILITY PLAN AND PROFILE	
STORM DISCHARGE NORTH	CITY OF MADISON

PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



FILE NAME: M:\DESIGN\Projects\10429\Storm\Design\10429STM-PnP##5 N DIscharge.dgn

DATE: 8/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020
PROJECT NO. 11958

SHEET NO.
U-5B

PLAN AND PROFILE

LOT 68/69 EASEMENT

CITY OF MADISON

REV 10/12/20 LES

75' DRAINAGE EASEMENT (PLAT) DOC 3143495

PROPOSED 30' STORMWATER DRAINAGE EASEMENT

PIPE BY OTHERS

APRON ENDWALL BY OTHERS

FIELD GRADE TO MIN DEPTH OF 1' OVER TOP OF PIPE
GRADE SIDE SLOPES OF BERM AT 3H:1V TO EXISTING GROUND

0810-274-0301-3
IA CROSSROADS
2102 City View Dr

0810-274-0302-1
IA CROSSROADS LLC
2022 City View Dr

S-200 S-201 S-202 P-200 P-201 P-202 S-202A P-202A S-203 P-203 S-204 P-204 S-205 P-205 S-206 P-206

400+00 401+00 402+00 403+00 404+00 405+00 406+00

930 925 920 915 910 905 900 895 890 885

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

FILE NAME: M:\DESIGN\Projects\10429\Storm\Design\10429STM-PnP##6 Easement.dgn

DATE: 10/12/2020

*REV 8/21/20 LES

CITY VIEW DRIVE ASSESSMENT DIST - 2020	SHEET NO.
PROJECT NO. 11958	U-6
STORM SEWER SCHEDULE	
CITY OF MADISON	

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-50	206+31.14	CL	24"X38" HERCP AE W/ GATE	-	876.00	-	SEE SDD 5.4.3 AND 5.6.1
S-50A	205+68.69	CL	5X5 SAS	883.77	878.32	5.45	W/ R-1550-0054
S-51	204+66.47	CL	PRECAST 24"X38" HERCP 40° BEND	-	878.71	-	SEE STANDARD SPECS, ART. 504
S-51A	204+48.40	CL	PRECAST 24"X38" HERCP 40° BEND	-	878.77	-	SEE STANDARD SPECS, ART. 504
S-52	201+78.31	CL	4X4 SAS	884.42	879.85	4.57	W/ R-1550-0054
S-53	29+00.00	RT-23.07	4X4 SAS	887.69	880.46	7.23	W/ R-3067-7004-V
S-54	29+00.00	LT-21.50	4X4 SAS	888.00	881.03	6.97	W/ R-1878-B7L
S-55	29+69.88	LT-21.50	3X3 SAS	888.40	884.69	3.71	W/ R-1878-B7L
S-56	30+25.00	LT-21.50	3X3 SAS	890.74	886.74	4.00	W/ R-1878-B7L
* **S-57**	31+04.21	LT-21.50	H INLET	893.90	**890.11**	**3.79**	FP OR 3X3; W/ R-3067-7004-V
S-57A	31+04.28	RT-21.50	H INLET	893.90	890.57	3.33	W/ R-3067-7004-V
S-58	33+06.86	LT-1.78	H INLET	900.85	897.50	3.35	FP; W/ R-3067-7004-V
S-59	33+06.98	RT-1.47	H INLET	900.85	897.55	3.30	W/ R-3067-7004-V
S-60	33+93.94	RT-60.34	12" AE W/ GATE	-	900.50	-	SEE SDD 5.4.1 AND 5.6.1
S-61	27+36.00	LT-21.50	H INLET	884.20	881.97	2.23	FP; W/ R-1878-B7L
S-62	27+29.00	RT-23.50	H INLET	884.71	882.38	2.33	FP; W/ R-3067-7004-V
S-63	29+30.03	LT-17.22	3X3 SAS	888.13	875.00	13.13	W/ R-1550-0054
S-64	29+31.57	RT-87.71	PIPE PLUG	-	875.00	-	W/ ELECTRONIC MARKER BALL
S-65	205+31.18	RT-36.24	PIPE PLUG	-	875.03	-	W/ ELECTRONIC MARKER BALL
S-66	205+58.10	LT-34.39	5X5 SAS	884.62	875.27	9.35	W/ R-1550-0054

PROPOSED STORM PIPES

PIPE	FROM	TO	DISCH.	INLET	PLAN (PAY)	PIPE	SLOPE	PIPE	TYPE	NOTES
P-50	S-50	S-50A	876.00	878.32	62	60	3.88%	24"X38"	HERCP	
P-50A	S-50A	S-51	878.32	878.71	102	100	0.39%	24"X38"	HERCP	
P-51	S-51	S-51A	878.71	878.77	16	16	0.38%	24"X38"	HERCP	
P-51A	S-51A	S-52	878.77	879.85	270	268	0.40%	24"X38"	HERCP	
P-52	S-52	S-53	879.85	880.46	165	161	0.38%	24"X38"	HERCP	
P-53	S-53	S-54	880.88	881.03	45	41	0.38%	19"X30"	HERCP	
P-54	S-54	S-55	882.00	884.69	67	64	4.20%	18"	RCP	
P-55	S-55	S-56	884.69	886.74	50	53	3.85%	18"	RCP	
P-56	S-56	S-57	886.99	890.11	77	74	4.25%	15"	RCP	
P-57	S-57	S-58	890.11	897.25	199	196	3.64%	15"	RCP	
P-58	S-58	S-59	897.50	897.55	3	1	4.00%	12"	RCP	
P-59	S-59	S-60	897.55	900.50	105	103	2.86%	12"	RCP	
P-60	S-54	S-61	881.36	881.97	162	159	0.38%	15"	RCP	
P-61	S-61	S-62	882.22	882.38	46	43	0.38%	12"	RCP	
P-62	S-57	S-57A	890.36	890.57	43	41	0.50%	12"	RCP	
P-63	S-63	S-64	875.00	875.00	105	103	0.00%	12"	RCP	
P-64	S-65	S-66	875.03	875.27	76	73	0.33%	29"X45"	HERCP	

REMOVE SEWER STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	PAID (Y/N)
R-2	AE 7129-020	26+11.53	RT-0.97	54" AE W/ GATE	N

NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

REMOVE SEWER PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
RP-1	AE 7129-020	25+89.24 RT-1.43	22.3	54"	RCP	N	

STANDARD NOTES:

-PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

-KOR N SEAL BOOTS OR EQUIVALENT SHALL BE USED FOR ALL PIPE CONNECTIONS TO INLETS. IN ADDITION, KOR N SEAL BOOTS SHALL BE REQUIRED FOR ANY TYPE II PIPE CONNECTIONS TO SAS STORM STRUCTURES. CONCRETE COLLARS OR KOR N SEAL MAY BE USED FOR ANY RCP OR HERCP CONNECTIONS TO SAS STORM STRUCTURES.

-ALL REBAR FOR FIELD POURED STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

-ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

- 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; UD = UNDERDRAIN
- 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.
- 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 LAUREN STRIEGL OF CITY ENGINEERING AT (608) 266-4094 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO LSTRIEGL@CITYOFMADISON.COM.

*REV 8/21/20 LES

CITY VIEW DRIVE ASSESSMENT DIST - 2020	SHEET NO.
PROJECT NO. 11958	U-7
STORM SEWER SCHEDULE	
CITY OF MADISON	

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-100	101+71.20	LT-12.00	RCBC CUTOFF WALL	-	876.39	-	FP; SEE SHEET S-2 IN PLAN SET
S-101	101+80.51	LT-12.00	PRECAST 12X6 RCBC 22.5° BEND	-	876.51	-	-
S-102	102+47.49	LT-7.25	PRECAST 12X6 RCBC 22.5° BEND	-	876.85	-	-
S-103	101+71.19	RT-2.50	RCBC CUTOFF WALL	-	876.39	-	FP; SEE SHEET S-2 IN PLAN SET
S-104	101+83.10	RT-2.55	PRECAST 12X6 RCBC 22.5° BEND	-	876.51	-	-
S-105	102+44.60	RT-7.25	PRECAST 12X6 RCBC 22.5° BEND	-	876.84	-	-
S-106	102+74.09	CL	CAST-IN-PLACE WINGWALLS AND APRON	-	877.00	-	FP; SEE SHEET S-4 IN PLAN SET
S-107	101+71.18	RT-13.58	RCBC CUTOFF WALL W/ OUTLET GATE	-	876.39	-	SEE SPEC. NOTE 2
S-108	101+84.57	RT-15.14	PRECAST 6X6 RCBC 45° BEND	-	876.55	-	-
S-109	101+91.07	RT-30.81	PRECAST 6X6 RCBC 45° BEND	-	876.63	-	-
S-110	101+85.78	RT-44.37	STORM SAS - SPECIAL	886.84	876.69	10.15	W/ R-1550-0054; SEE SHEET S-6

PROPOSED STORM PIPES

PIPE	FROM	TO	DISCH.	INLET	PLAN (PAY)	PIPE	SLOPE	PIPE	TYPE	NOTES
P-100	S-100	S-101	876.45	876.51	9	9	0.65%	12'X6'	RCBC	
P-101	S-101	S-102	876.51	876.85	58	58	0.58%	12'X6'	RCBC	
P-102	S-102	S-106	876.85	877.00	27	27	0.56%	12'X6'	RCBC	
P-103	S-103	S-104	876.45	876.51	12	12	0.49%	12'X6'	RCBC	
P-104	S-104	S-105	876.51	876.84	64	64	0.51%	12'X6'	RCBC	
P-105	S-105	S-106	876.84	877.00	29	29	0.54%	12'X6'	RCBC	
P-106	S-107	S-108	876.45	876.55	19	19	0.52%	6'X6'	RCBC	
P-107	S-108	S-109	876.55	876.63	17	17	0.52%	6'X6'	RCBC	
P-108	S-109	S-110	876.63	876.69	15	11	0.52%	6'X6'	RCBC	

UTILITY LINE OPENINGS (ULO)

ULO NO.	STATION NO.	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
* **ULO1**	**27+33.50**	**RT-16.60**	**WATER**	**879.84**	
* **ULO2**	**35+41.40**	**LT-14.20**	**SANITARY**	**895.74**	
* **ULO3**	**35+13.90**	**RT-17.80**	**WATER**	**895.55**	
* **ULO4A**	**35+38.70**	**RT-18.20**	**SANITARY**	**896.50**	
* **ULO4B**	**35+39.50**	**RT-18.40**	**WATER**	**895.31**	
* **ULO5**	**35+70.80**	**LT-20.10**	**WATER**	**895.60**	
* **ULO6**	**37+48.80**	**LT-19.90**	**WATER**	**902.98**	
* **ULO7**	**39+14.80**	**RT-14.20**	**WATER**	**914.18**	
* **ULO8**	**40+41.80**	**LT-16.10**	**WATER**	**922.12**	
* **ULO9**	**41+47.00**	**RT-17.70**	**WATER**	**925.25**	

NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

SPECIFIC NOTES

(2) FP; SEE SHEET S-2 IN PLAN SET AND SDD 5.6.3

STANDARD NOTES:

-PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

-KOR N SEAL BOOTS OR EQUIVALENT SHALL BE USED FOR ALL PIPE CONNECTIONS TO INLETS. IN ADDITION, KOR N SEAL BOOTS SHALL BE REQUIRED FOR ANY TYPE II PIPE CONNECTIONS TO SAS STORM STRUCTURES. CONCRETE COLLARS OR KOR N SEAL MAY BE USED FOR ANY RCP OR HERCP CONNECTIONS TO SAS STORM STRUCTURES.

-ALL REBAR FOR FIELD POURED STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

-ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

- 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; UD = UNDERDRAIN
- 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.
- 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 LAUREN STRIEGL OF CITY ENGINEERING AT (608) 266-4094 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO LSTRIEGL@CITYOFMADISON.COM.

*REV 10/7/20 LES

CITY VIEW DRIVE ASSESSMENT DIST - 2020	SHEET NO.
PROJECT NO. 11958	U-8
STORM SEWER SCHEDULE	
CITY OF MADISON	

STORM SEWER SCHEDULE

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1A	300+10.35	CL	6'X4' WINGWALL W/ GATE	-	887.00	-	SEE SDD 5.5.1A, 5.5.1B AND 5.6.3
S-1B	301+40.05	CL	PRECAST 6X4 RCBC 50° BEND	-	887.61		SEE BID ITEM 90034
S-1	301+53.05	CL	PRECAST 6X4 RCBC 50° BEND	-	887.67	-	SEE BID ITEM 90034
S-2	35+29.05	LT-42.22	10X10 SAS	901.41	889.60	11.81	FP; W/ R-1550-0054; SEE SPEC. NOTE 2
* **S-2A**	36+75.00	LT-21.50	6X6 SAS	**906.51**	899.59	6.92	FP; W/ R-3067-7004-V
* **S-2B**	35+50.61	LT-22.01	6X6 SAS	**902.20**	889.71	12.49	FP; W/ R-3067-7004-V
* **S-3**	40+88.87	LT-21.50	6X6 SAS	**930.71**	**916.50**	**14.21**	**FP; W/ R-3067-7004-V**
* **S-3A**	41+11.84	RT-21.50	3X3 SAS	**931.46**	**926.67**	**4.79**	**W/ R-3067-7004-V**
* **S-4**	42+01.80	LT-21.50	6X6 SAS	**932.73**	**919.87**	**12.86**	**FP; W/ R-3067-7004-V**
S-5	42+92.27	LT-16.39	CONCRETE COLLAR	-	926.65	-	SEE SDD 5.4.5
S-6	35+12.00	LT-26.25	TERRACE INLET TYPE 2	901.17	895.50	5.67	FP; SEE SDD 5.7.12A; SEE SPEC NOTE 1
S-7	35+12.00	LT-1.88	TERRACE INLET TYPE 3	901.87	896.55	5.32	FP; SEE SDD 5.7.12B; SEE SPEC NOTE 1
S-8	35+12.00	RT-1.96	TERRACE INLET TYPE 3	901.87	897.08	4.79	FP; SEE SDD 5.7.12B; SEE SPEC NOTE 1
S-9	35+12.00	RT-26.25	TERRACE INLET TYPE 2	901.51	897.19	4.32	FP; SEE SDD 5.7.12A; SEE SPEC NOTE 1
S-10	35+41.83	RT-58.84	STUB	-	898.90	-	PLUG STUB; W/ ELECTRONIC MARKER BALL
S-11	34+84.00	RT-50.00	12" AE W/ GATE	-	899.50	-	SEE SDD 5.4.1 AND 5.6.1
S-12	34+84.00	LT-50.00	12" AE W/ GATE	-	899.80	-	SEE SDD 5.4.1 AND 5.6.1
* **S-13**	39+74.39	LT-21.50	6X6 SAS	**925.12**	**912.83**	**12.29**	FP; W/ R-3067-7004-V
* **S-14**	39+74.39	RT-21.50	3X3 SAS	**925.12**	**920.33**	**4.79**	W/ R-3067-7004-V
* **S-15**	35+47.86	RT-32.57	5X5 SAS	**902.53**	898.00	**4.53**	**FP; W/ R-1550-0054**
* **S-16**	36+07.56	RT-32.50	4X4 SAS	**904.03**	899.26	**4.77**	W/ R-1550-0054
* **S-17**	37+27.57	RT-32.50	4X4 SAS	**910.00**	904.93	**5.07**	W/ R-1550-0054
* **S-18**	38+47.72	RT-32.50	3X3 SAS	**917.53**	911.00	**6.53**	W/ R-1550-0054
* **S-200**	**400+32.04**	**RT-69.54**	**36" AE W/ GATE**	-	**900.00**	-	**BY OTHERS**
* **S-201**	**400+32.04**	**RT-26.72**	**36" TYPE II STORM 45° BEND**	-	**901.42**	-	**BY OTHERS**
* **S-202**	**400+58.77**	**CL**	**36" TYPE II STORM 45° BEND**	-	**902.67**	-	**BY OTHERS**
* **S-202A**	**405+87.67**	**CL**	**STUB**	-	**920.28**	-	**W/ TEMP PLUG; W/ ELECTRONIC MARKER BALL**
* **S-203**	**405+90.09**	**CL**	**36" TYPE II STORM 45° BEND**	-	**920.36**	-	
* **S-204**	**405+94.28**	**LT-2.43**	**36" TYPE II STORM 45° BEND**	-	**920.52**	-	
* **S-205**	**42+38.06**	**LT-34.49**	**36" TYPE II STORM 45° BEND**	-	**921.72**	-	
* **S-206**	**42+41.28**	**LT-31.02**	**36" TYPE II STORM 45° BEND**	-	**921.88**	-	
* **S-207**	**42+41.28**	**LT-25.79**	**TERRACE INLET TYPE 1**	**932.32**	**921.00**	**11.32**	**SEE SPEC. NOTES 1 AND 3**
* **S-208**	**42+45.64**	**LT-25.79**	**TERRACE INLET TYPE 1**	**932.30**	**921.00**	**11.30**	**SEE SPEC. NOTES 1 AND 3**
* **S-209**	**42+50.00**	**LT-25.79**	**TERRACE INLET TYPE 1**	**932.28**	**921.00**	**11.28**	**SEE SPEC. NOTES 1 AND 3**
* **S-210**	**42+41.28**	**RT-25.79**	**TERRACE INLET TYPE 1**	**932.32**	**923.42**	**8.90**	**SEE SPEC. NOTES 1 AND 3**
* **S-211**	**42+46.06**	**RT-25.79**	**TERRACE INLET TYPE 1**	**932.30**	**923.42**	**8.88**	**SEE SPEC. NOTES 1 AND 3**
* **S-212**	**42+50.85**	**RT-25.79**	**TERRACE INLET TYPE 1**	**932.28**	**923.42**	**8.86**	**SEE SPEC. NOTES 1 AND 3**

PROPOSED STORM PIPES

PIPE	FROM	TO	DISCH.	INLET	PLAN (PAY)	PIPE	SLOPE	PIPE	TYPE	NOTES
P-1A	S-1A	S-1B	887.00	887.61	130	130	0.47%	6'X4'	CBC	
P-1B	S-1B	S-1	887.61	887.67	13	13	0.47%	6'X4'	CBC	
P-1	S-1	S-2	887.67	889.60	413	408	0.47%	6'X4'	CBC	
P-2	S-2	S-2B	889.60	889.71	27	21	0.53%	48"X76"	HERCP	
P-2A	S-2B	S-2A	893.00	899.59	121	118	5.57%	48"	RCP	
* **P-2B**	S-2A	S-13	899.59	**912.83**	297	294	4.50%	48"	RCP	
* **P-3**	S-3	S-4	**916.50**	**919.87**	118	112	3.02%	48"	RCP	
* **P-4**	**S-209**	S-5	**926.27**	926.65	**45**	**43**	0.87%	48"	RCP	
P-5	S-2	S-6	895.42	895.50	23	14	0.56%	36"	RCP	
P-6	S-6	S-7	896.45	896.56	24	22	0.50%	30"	RCP	
P-7	S-7	S-8	897.06	897.08	4	2	1.00%	24"	RCP	
P-8	S-8	S-9	897.08	897.19	24	22	0.51%	24"	RCP	
P-9	S-2B	S-15	897.00	898.00	52	49	2.03%	29"X45"	HERCP	
* **P-10**	**S-3**	**S-3A**	**925.00**	**926.67**	**49**	**44**	**3.83%**	**21"**	**RCP**	
P-11	S-11	S-12	899.5	899.8	100	100	0.30%	12"	RCP	
* **P-12**	**S-13**	**S-3**	**912.83**	**916.50**	116	113	**3.24%**	**48"**	**RCP**	
* **P-13**	**S-13**	**S-14**	**919.00**	**920.33**	**40**	**39**	**3.45%**	**21"**	**RCP**	
P-14	S-15	S-16	898.17	899.26	60	55	1.98%	27"	RCP	
P-15	S-16	S-17	899.51	904.93	120	116	4.67%	24"	RCP	
P-16	S-17	S-18	905.18	911.00	120	117	4.99%	21"	RCP	
P-17	S-15	S-10	898.42	898.90	18	16	3.05%	24"X38"	HERCP	
* **P-200**	**S-200**	**S-201**	**900.00**	**901.42**	**43**	**43**	**3.32%**	**36"**	**TYPE II STORM**	**BY OTHERS**
* **P-201**	**S-201**	**S-202**	**901.42**	**902.67**	**38**	**38**	**3.31%**	**36"**	**TYPE II STORM**	**BY OTHERS**
* **P-202**	**S-202**	**S-202A**	**902.67**	**920.28**	**529**	**529**	**3.33%**	**36"**	**TYPE II STORM**	**BY OTHERS**
* **P-202A**	**S-202A**	**S-203**	**920.28**	**920.36**	**2**	**2**	**3.30%**	**36"**	**TYPE II STORM**	
* **P-203**	**S-203**	**S-204**	**920.36**	**920.52**	**5**	**5**	**3.30%**	**36"**	**TYPE II STORM**	
* **P-204**	**S-204**	**S-205**	**920.52**	**921.72**	**36**	**36**	**3.32%**	**36"**	**TYPE II STORM**	
* **P-205**	**S-205**	**S-206**	**921.72**	**921.88**	**5**	**5**	**3.28%**	**36"**	**TYPE II STORM**	
* **P-206**	**S-206**	**S-207**	**921.88**	**922.00**	**5**	**3**	**3.86%**	**36"**	**TYPE II STORM**	
* **P-207**	**S-207**	**S-208**	**921.00**	**921.00**	**5**	**1**	**0.00%**	**48"**	**RCP**	
* **P-208**	**S-208**	**S-209**	**921.00**	**921.00**	**4.60**	**1.37**	**0.00%**	**48"**	**RCP**	
* **P-209**	**S-4**	**S-207**	**919.87**	**921.00**	**42**	**37**	**3.05%**	**48"**	**RCP**	
* **P-210**	**S-207**	**S-210**	**922.00**	**923.42**	**52**	**47**	**3.00%**	**36"**	**RCP**	
* **P-211**	**S-210**	**S-211**	**923.42**	**923.42**	**5**	**1**	**0.00%**	**36"**	**RCP**	
* **P-212**	**S-211**	**S-212**	**923.42**	**923.42**	**5**	**1**	**0.00%**	**36"**	**RCP**	

NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

REMOVE SEWER STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	PAID (Y/N)
R-1	AE 7027-023	42+92.27	LT-16.39	48" AE W/ GATE	N

SPECIFIC NOTES

* **(1) CASTING GRADE FOR TERRACE INLET TYPES I, II AND III 0.2' BELOW TOP OF CURB GRADE. SEE CITY OF MADISON SDD5.7.12, 5.7.12A AND 5.7.12I**
(2) SEE SHEET S-5 FOR DETAILS. STRUCTURE TO BE BUILT WITH 1' OF VERTICAL ADJUSTMENT TO ACCOUNT FOR GRADING.
* **(3) S-207, S-208 AND S-209 AND S-210, S-211 AND S-212 TO BE BUILT IN SET OF THREE WITH ONE CURB CUT ON EITHER SIDE OF EACH BLOCK**

STANDARD NOTES:

-PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

-KOR N SEAL BOOTS OR EQUIVALENT SHALL BE USED FOR ALL PIPE CONNECTIONS TO INLETS. IN ADDITION, KOR N SEAL BOOTS SHALL BE REQUIRED FOR ANY TYPE II PIPE CONNECTIONS TO SAS STORM STRUCTURES. CONCRETE COLLARS OR KOR N SEAL MAY BE USED FOR ANY RCP OR HERCP CONNECTIONS TO SAS STORM STRUCTURES.

-ALL REBAR FOR FIELD POURED STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

-ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

- 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; UD = UNDERDRAIN
- 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.
- 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 LAUREN STRIEGL OF CITY ENGINEERING AT (608) 266-4094 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO LSTRIEGL@CITYOFMADISON.COM.

SANITARY SEWER SCHEDULE

***REV 10/7/20 LES**
****REV 10/20/20 LES**

CITY VIEW DRIVE ASSESSMENT DIST - 2020	SHEET NO.
PROJECT NO. 11958	U-9
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED SANITARY STRUCTURES

	SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
**	**SAS#100**	**36+10.04**	**LT-1.27**	**903.80**	**897.25**	**6.55**	**[1] [2]**
*	**SAS#1**	**37+00.00**	**CL**	**907.91**	**898.00**	**9.91**	**[1] [2]**

PROPOSED SANITARY PIPES

	FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
**	**SAS#100**	**SAS#1**	**897.35**	**898.00**	**90**	**0.72%**	**8"**	**SDR-35**	

SANITARY STRUCTURE REMOVALS

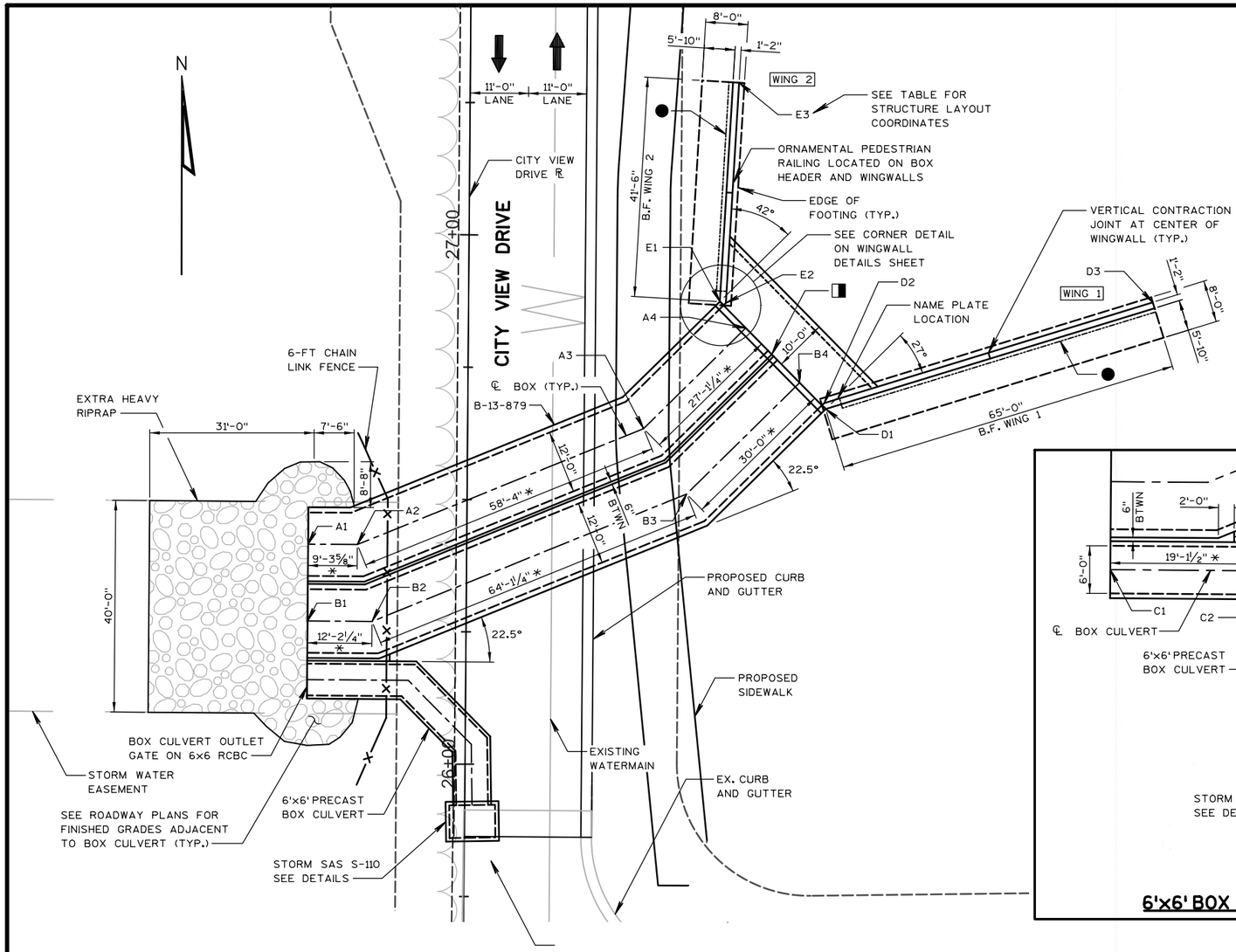
	SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
*	**EX SAS 7028-003**	**37+00.00**	**CL**	**908.40**	**899.78**	**8.62**	**-**

SANITARY PIPE REMOVALS

	FROM (DNSTM)	TO (UPSTM)	PLAN LGTH (FT)	PAID (Y/N)	PLAN (PAY) LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
**	**SAS#100**	**EX SAS 7028-003**	**90**	**N**	**0**	**8"**	**PVC**	

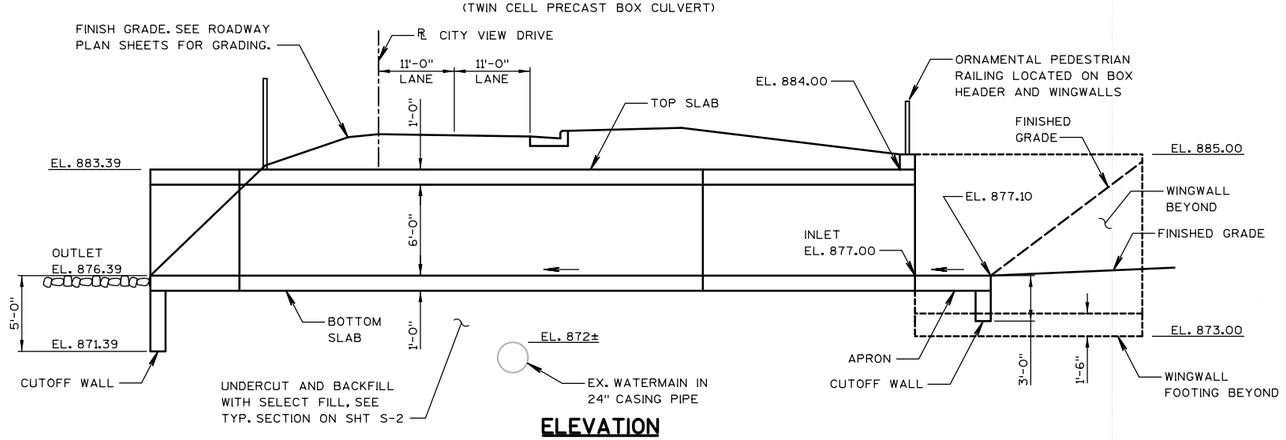
NOTES:

[1] INSTALL INTERNAL CHIMNEY SEAL IN ACCORDANCE WITH S.D.D. 5.7.17
[2] INSTALL EXTERNAL SEWER ACCESS STRUCTURE JOINT SEAL IN ACCORDANCE WITH S.D.D. 5.7.2



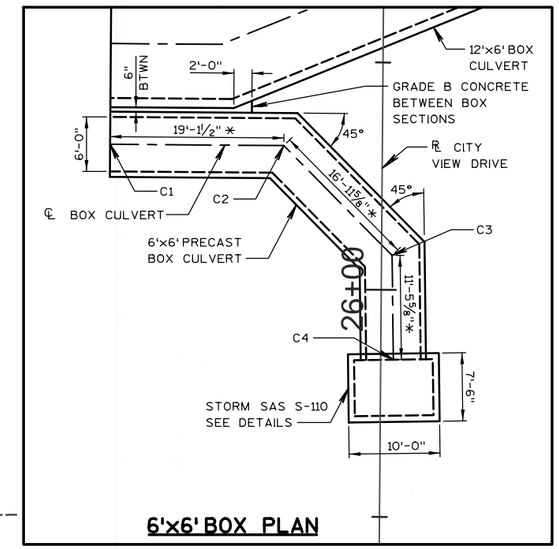
PLAN

(TWIN CELL PRECAST BOX CULVERT)



ELEVATION

(SECTION THRU BOX)



6'x6' BOX PLAN

LEGEND

- PROVIDE A VERTICAL EXPANSION JOINT IN BOX INLET HEADER. LOCATE DIRECTLY OVER GAP BETWEEN ADJACENT 12'x6' BOXES. USE ¾" JOINT FILLER AND FILL WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. DO NOT RUN BAR STEEL THROUGH JOINT.
- * BOX CULVERT LAYOUT DIMENSIONS PROVIDED ALONG CENTERLINE OF BOX CULVERT CELL.
- ● PIPE UNDERDRAIN WRAPPED BEHIND WALL. SLOPE 0.5% MIN. AND DISCHARGE THROUGH WALL NEAR BOX CULVERT.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALL STATIONS AND ELEVATIONS ARE IN FEET.

FOR CAST-IN-PLACE CONCRETE, ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

BEVEL EXPOSED EDGES OF CAST-IN-PLACE CONCRETE ¾" UNLESS OTHERWISE SHOWN OR NOTED.

WITHIN THE LENGTH OF CULVERT ALL SPACES EXCAVATED AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH SELECT FILL.

THE CLEAR SPACING BETWEEN BARRELS SHALL BE 6 INCHES AND THE SPACE BETWEEN ADJACENT BARRELS FROM TOP OF BEDDING TO TOP OF TOP SLAB SHALL BE FILLED WITH GRADE "B" CONCRETE. CONCRETE FILL TO BE INCLUDED WITH RCBC BID ITEM.

PRECAST BOXES SHALL BE TIED TOGETHER USING GALVANIZED STEEL JOINT TIES. SEE BOX CULVERT DETAILS. JOINT TIES TO BE INCLUDED WITH RCBC BID ITEM.

DESIGN DATA

LIVE LOAD:
DESIGN LOADING _____ HL-93

EARTH LOAD:
DESIGN FOR FILL HEIGHT OF LESS THAN 2 FEET.

MATERIAL PROPERTIES:
PRECAST CONCRETE _____ f'c = 5,000 PSI
CAST-IN-PLACE CONCRETE _____ f'c = 3,500 PSI
BAR STEEL REINFORCEMENT (CAST IN PLACE) _____ fy = 60,000 PSI
STEEL REINFORCEMENT (FOR PRECAST) _____ REFER TO ASTM C1577

BOX CULVERT AND WING WALLS HAVE BEEN DESIGNED FOR A FACTORED BEARING RESISTANCE OF 3,500 PSF BASED ON GEOTECHNICAL RECOMMENDATIONS PREPARED BY CGC, INC., DATED 2/27/2020.

STRUCTURE DESIGN CONTACT

BRETT OFTEDAHL (608) 251-4843

STRUCTURE LAYOUT COORDINATES

POINT	X	Y	DESCRIPTION
A1	847,323.06	501,149.92	C/L AT OUTLET
A2	847,332.36	501,149.86	BEND
A3	847,386.40	501,171.85	BEND
A4	847,405.68	501,190.90	C/L AT INLET
B1	847,322.97	501,135.42	C/L AT OUTLET
B2	847,335.16	501,135.34	BEND
B3	847,394.53	501,159.51	BEND
B4	847,415.87	501,180.58	C/L AT INLET
C1	847,322.90	501,124.34	C/L AT OUTLET
C2	847,342.02	501,124.22	BEND
C3	847,353.94	501,112.15	BEND
C4	847,354.11	501,100.68	C/L AT INLET
D1	847,420.79	501,175.60	END OF BOX/BACK OF WING 1
D2	847,420.52	501,176.74	F.F. END OF WING 1
D3	847,482.56	501,195.88	F.F. END OF WING 1
E1	847,400.76	501,195.88	END OF BOX/BACK OF WING 2
E2	847,401.92	501,195.61	F.F. END OF WING 2
E3	847,404.36	501,237.24	F.F. END OF WING 2

LIST OF DRAWINGS

WISCONSIN
BRETT M. OFTEDAHL
E-41123
MADISON, WI
PROFESSIONAL ENGINEER
3/12/2020

NO. | REVISIONS | DATE:

B-13-879
GENERAL PLAN AND NOTES
CITY VIEW DRIVE BOX CULVERT
CITY OF MADISON
MADISON, WISCONSIN

JOB NO. 1020.115
PROJECT MGR. BMO

STRAND ASSOCIATES®

SHEET S-1

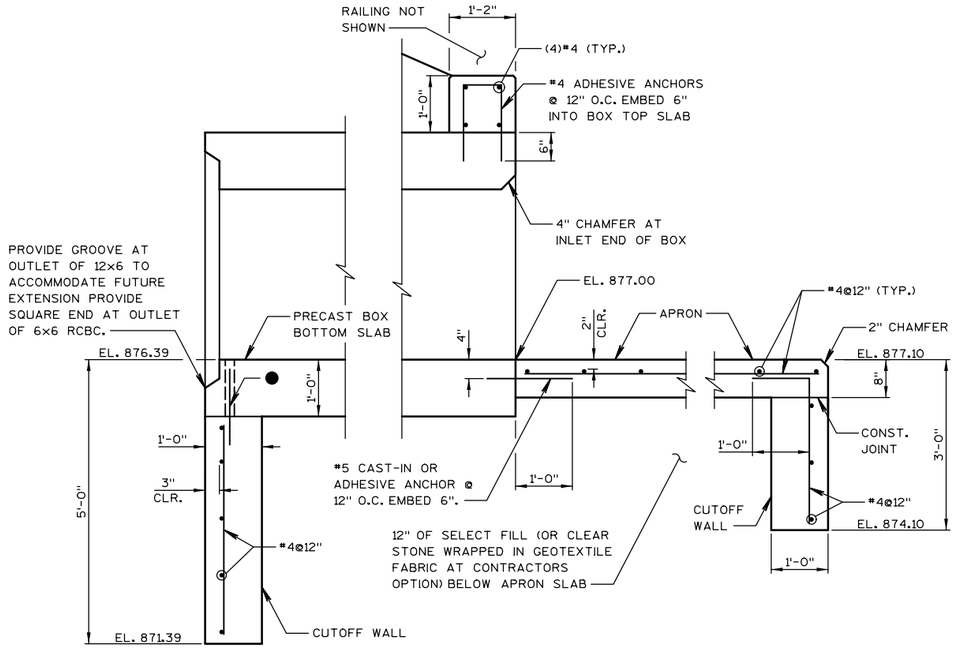
LEGEND

● #6 EPOXY COATED 1'-4" LONG ADHESIVE ANCHOR @ 1'-6" O.C. FIELD DRILL THROUGH PRECAST BOX INTO CONCRETE CUTOFF WALL. CENTER ANCHORS IN CUTOFF WALL AND EMBED 6". HOLD DOWN ANCHOR 2" FROM TOP SURFACE OF PRECAST BOX CULVERT BOTTOM SLAB AND PLUG HOLE WITH NON-SHRINK GROUT.

NOTES

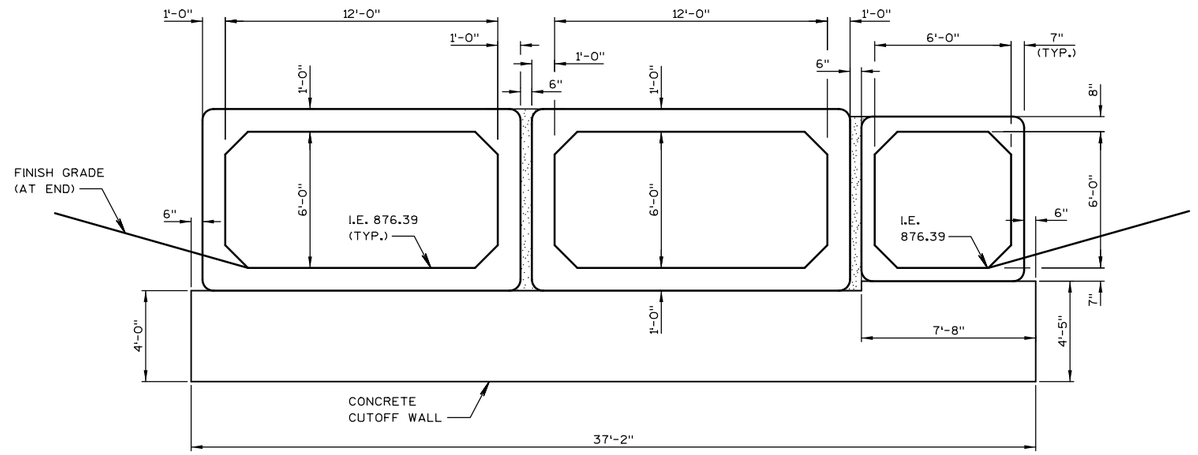
CAST-IN-PLACE ELEMENTS MAY BE PRECAST AT THE OPTION OF THE CONTRACTOR. DETAILS MUST BE SHOWN ON THE SHOW DRAWINGS FOR APPROVAL.

PRECAST CUT OFF WALLS MAY BE FIELD SPLICED SUBJECT TO ENGINEER REVIEW AND APPROVAL OF PROPOSED SPLICE DETAIL.

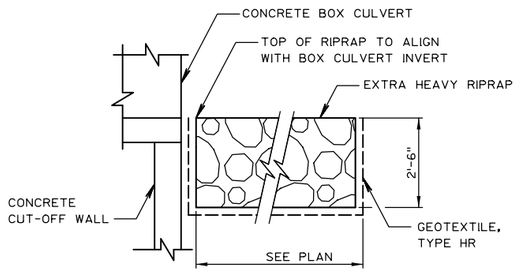


CROSS SECTION AT OUTLET

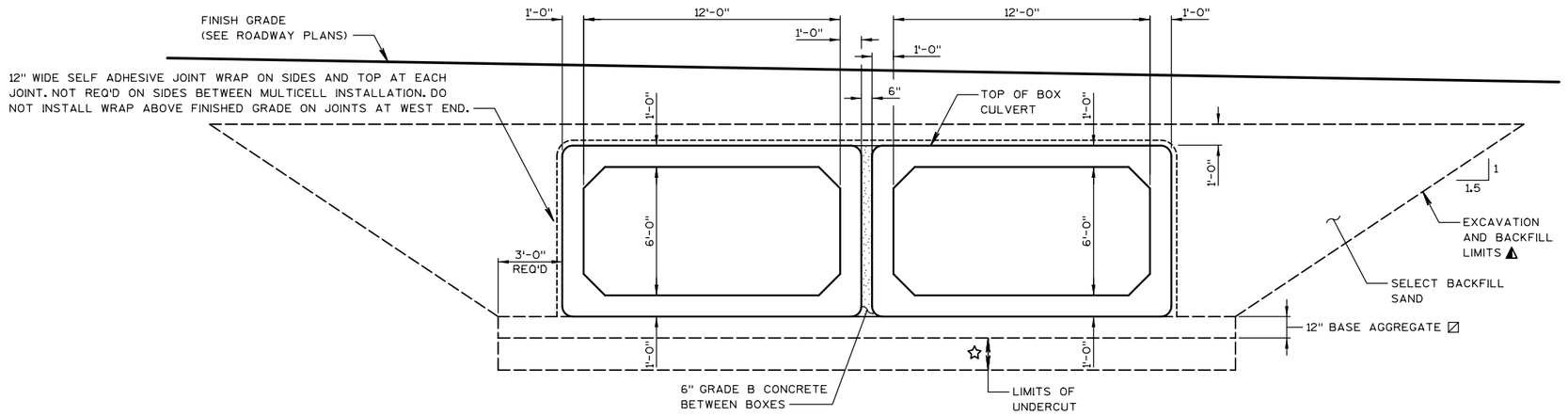
CROSS SECTION AT INLET



SECTION THRU BOX CULVERT AT OUTLET
(LOOKING EAST)



RIPRAP AT OUTFALL



TYPICAL SECTION THRU BOX CULVERT

⚠ EXCAVATION AND BACKFILL INCLUDED IN PRECAST REINFORCED CONCRETE BOX CULVERT BID ITEM.

☆ UNDERCUT TO REMOVE EXISTING FILL AND ORGANIC SOILS TO EXPOSE DENSE NATURAL SAND SOILS AT AN ESTIMATED ELEVATION OF 871.00. BACKFILL WITH SELECT FILL SAND. GRANULAR SOILS EXPOSED AT FOOTING GRADE OR BOTTOM OF UNDERCUT SHOULD BE THOROUGHLY RECOMPACTED PRIOR TO BACKFILLING OR FORMWORK/CONCRETE PLACEMENT. USE CAUTION WHEN EXCAVATING UNDERCUT NEAR WATERMAIN.

☒ 12" BASE AGGREGATE BELOW BOX CULVERT SHALL BE INCLUDED IN PRECAST REINFORCED CONCRETE BOX CULVERT BID ITEM. ALL REQUIRED UNDERCUT AND BACKFILL BELOW THE BASE AGGREGATE WILL BE MEASURED FOR PAYMENT. BASE AGGREGATE SHALL BE SELECT FILL SAND OR CLEAR STONE WRAPPED IN GEOTEXTILE FABRIC AT CONTRACTOR'S OPTION.

NOTE: SOIL CONDITIONS MAY DIFFER AT THE ACTUAL CULVERT LOCATION WHEN COMPARED WITH THE SOIL BORING LOCATION. SUBGRADES SHOULD BE CHECKED BY THE PROJECT GEOTECHNICAL ENGINEER TO DOCUMENT THAT THE SUBGRADE SOILS ARE SUITABLE FOR FOOTING SUPPORT OR OTHERWISE ADVISE ON CORRECTIVE MEASURES.

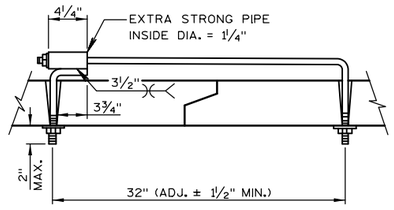
DATE:
REVISIONS
NO.

B-13-879
BOX CULVERT DETAILS - 1
CITY VIEW DRIVE BOX CULVERT
CITY OF MADISON
MADISON, WISCONSIN

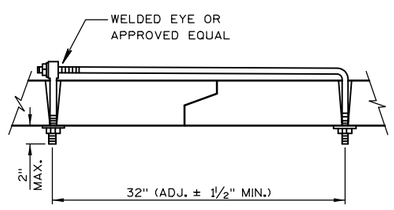
JOB NO. 1020.115
PROJECT MGR. BMO

STRAND ASSOCIATES®

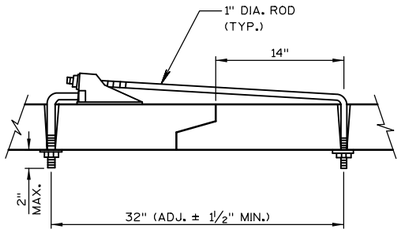
SHEET S-2



WELDED PIPE TIE



EYE BOLT TIE



CANOPY TIE

JOINT TIES

NOTES:
EITHER EYE BOLT TIES, WELDED PIPE TIES, OR CANOPY TIES MAY BE USED. THREADS MAY BE CUT OR ROLLED. TIE NUTS SHALL BE TIGHTENED TO MEET PRECAST MANUFACTURER'S RECOMMENDATIONS. (2 TIES REQ'D. PER JOINT.) (TIES TO BE GALVANIZED STEEL.)

JOINT TIES SHALL BE INCLUDED WITH PRECAST REINFORCED BOX CULVERT BID ITEMS.

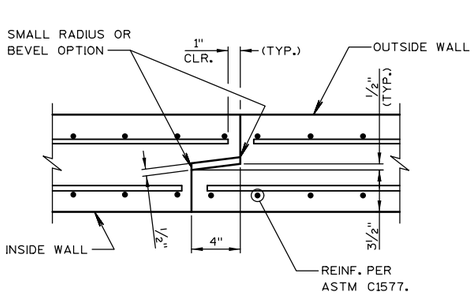
NOTES

DETAILS FOR MATERIALS, FABRICATION, CONSTRUCTION AND DESIGN OF PRECAST BOX CULVERTS NOT SHOWN OR STATED ON THIS DRAWING SHALL BE IN ACCORDANCE WITH THE CURRENT ASTM SPECIFICATION, C1577; AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS; WISCONSIN DOT BRIDGE MANUAL; WISCONSIN DOT STANDARD SPECIFICATIONS & APPLICABLE SPECIAL PROVISIONS,EXCEPT THAT THE CONCRETE MIXTURE SHALL CONTAIN NOT LESS THAN 565 LBS. OF CEMENTITIOUS MATERIALS PER CUBIC YARD.

THE DESIGN OF PRECAST BOX CULVERTS WITH ALL FILL HEIGHTS SHALL BE AS STATED IN ASTM C1577.

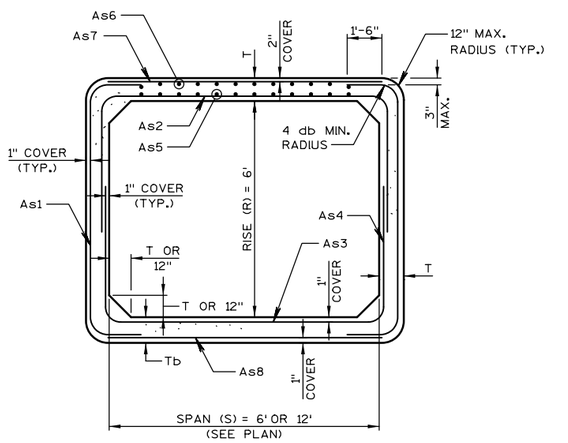
NOT MORE THAN FOUR (4) HOLES MAY BE CAST, DRILLED OR OTHERWISE NEATLY MADE IN THE SHELL OF EACH PIECE OF BOX SECTION FOR HANDLING. THE HOLES SHALL BE TAPERED UNLESS DRILLED. HOLES SHALL BE FILLED WITH PORTLAND CEMENT MORTAR EXCEPT TAPERED HOLES MAY BE FILLED WITH CONCRETE PLUGS SECURED WITH PORTLAND CEMENT MORTAR OR OTHER APPROVED ADHESIVE.

SEAL JOINTS IN ACCORDANCE WITH ARTICLE 505.3.4 OF THE CITY OF MADISON STANDARD SPECS AND THE RCBC SPECIAL PROVISIONS. PROVIDE 12" WIDE BUTYL RUBBER JOINT WRAP OVER SIDES AND TOP OF CULVERT JOINTS. JOINT WRAP NOT REQUIRED OVER WALL JOINTS BETWEEN MULTICELL INSTALLATIONS WHERE CONCRETE FILL WILL BE PLACED.



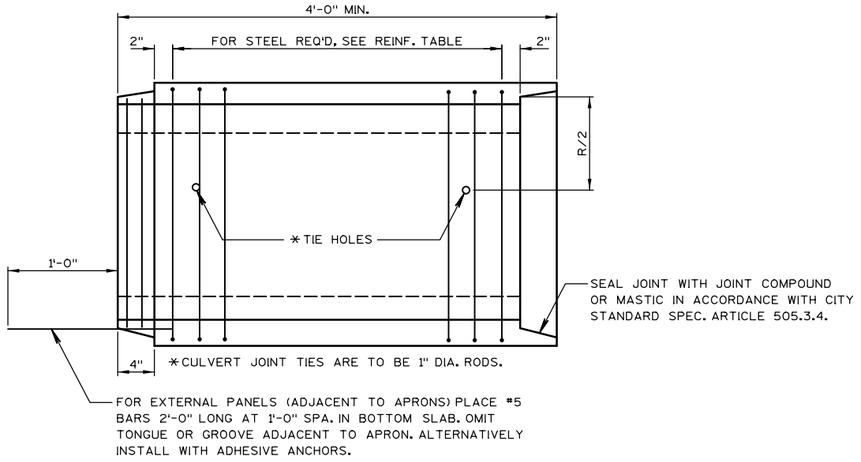
JOINT DETAIL

NOTE:
THIS JOINT DETAIL IS BASED ON WISDOT STANDARDS. PRECASTER MAY PROPOSED ALT. JOINT DETAIL TO ENGINEER FOR REVIEW.



SECTION THRU BARREL

NOTE:
TYPICAL SECTION SHOWN IS FOR LESS THAN 2 FEET OF COVER. FOLLOW ASTM C1577 FOR TYPICAL REINF. FOR BOX CULVERT WITH DESIGN EARTH COVER OF MORE THAN 2 FEET.



LONGITUDINAL SECTION

BOX CULVERT DESIGN CRITERIA:

DESIGN AND CONSTRUCT PRECAST BOX CULVERT IN ACCORDANCE WITH ASTM C1577. DESIGN EARTH COVER SHALL BE AS STATED IN SPECIAL PROVISIONS. MINIMUM CIRCUMFERENTIAL REINFORCEMENT AREAS (SQ. INCHES) ARE PROVIDED BELOW BASED ON ASTM C1577.

	As1	As2	As3	As4	As5	As6	As7	As8	M	T
6x4	0.18	0.27	0.27	0.17	--	--	--	--	38 IN.	7 IN
6x6	0.19	0.38	0.30	0.17	0.19	0.19	0.19	0.19	--	7 IN*
12x6	0.32	0.36	0.32	0.29	0.29	0.29	0.29	0.29	--	12 IN

* TOP SLAB = 8 IN.

NO.	REVISIONS	DATE:

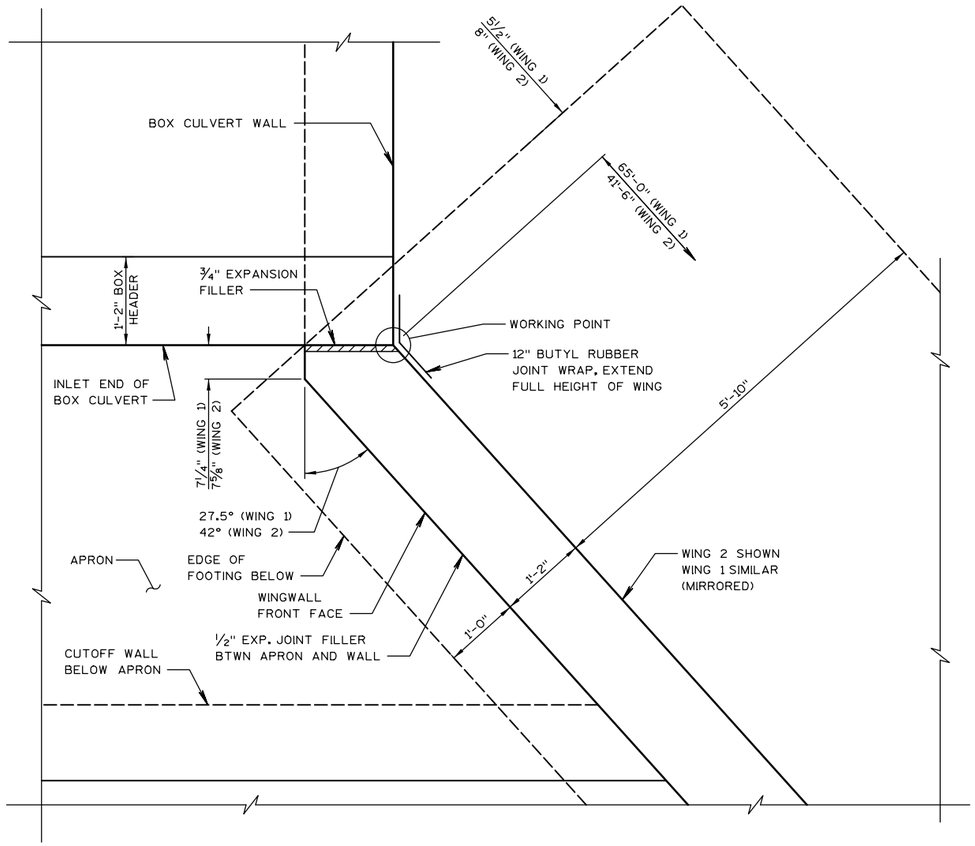
B-13-879
BOX CULVERT DETAILS - 2
CITY VIEW DRIVE BOX CULVERT
CITY OF MADISON
MADISON, WISCONSIN

JOB NO.
1020.115

PROJECT MGR.
BMO

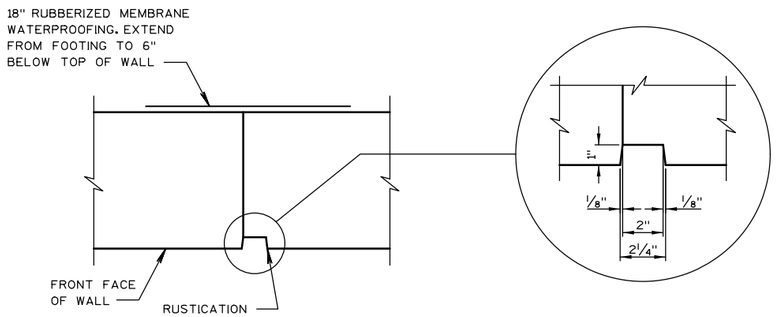
STRAND ASSOCIATES®

SHEET
S-3



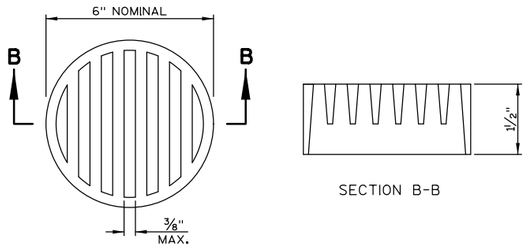
WING 2 CORNER PLAN

(WING 1 DETAIL SIMILAR, MIRRORED)



VERTICAL CONTRACTION JOINT

DO NOT RUN ANY BAR STEEL THRU JOINT



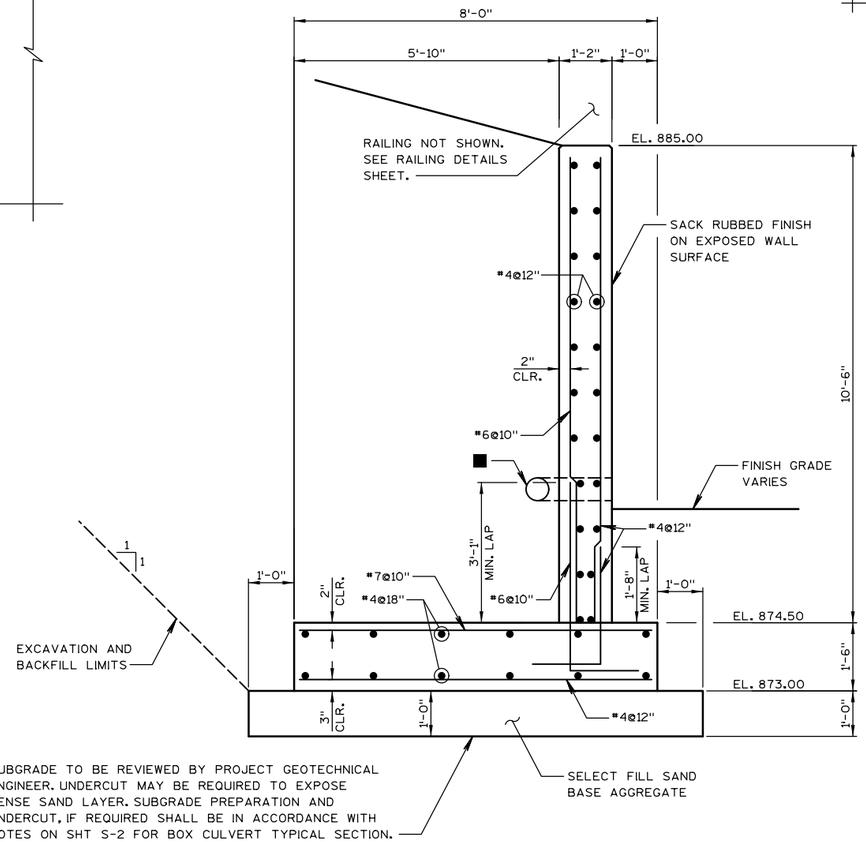
SECTION B-B

NOTES:
DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SHIELD SO SLOTS ARE VERTICAL.

THE RODENT SHIELD, PIPE COUPLING AND ATTACHMENT SCREWS SHALL BE INCLUDED WITH BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH."

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 x 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

RODENT SHIELD DETAIL



TYPICAL SECTION THRU WINGWALL

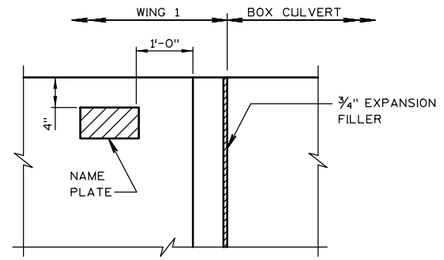
NOTES

VERTICAL CONTRACTION JOINT LOCATIONS ARE SHOWN ON PLAN.

CONSTRUCT WINGWALLS IN ACCORDANCE WITH SECTION 502 OF THE WISDOT STANDARD SPECS. PROVIDE SACK RUBBED SURFACE FINISH ON EXPOSED SURFACES OF WALLS IN ACCORDANCE WITH SECTION 502.3.7.5.

LEGEND

■ PIPE UNDERDRAIN WRAPPED 6-INCH. SLOPE 0.5% MIN. TO DISCHARGE THRU WALL. ATTACH SOLID CAP AT BURIED END AND RODENT SHIELD AT DISCHARGE. SEE RODENT SHIELD DETAIL THIS SHEET. PIPE UNDERDRAIN AND RODENT SHIELD SHALL BE INCLUDED IN BID ITEM "CAST IN PLACE WINGWALLS AND APRON".



NAME PLATE

NOTES:
INSTALL STRUCTURE NAME PLATE SHOWING STRUCTURE NUMBER B-13-879 AND YEAR BUILT. NAME PLATE SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH WISDOT STANDARD SPECIFICATIONS SECTIONS 502.3.11 AND 506.2.4. NAME PLATE SHALL BE INCLUDED IN BID ITEM "CAST-IN-PLACE WINGWALLS AND APRON".

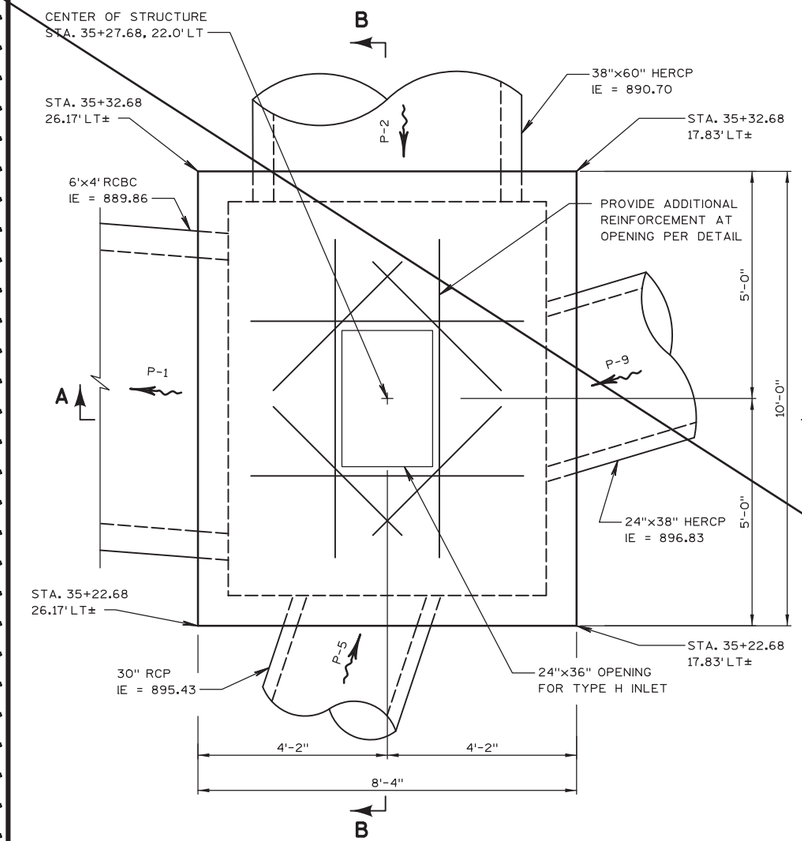
DATE:
REVISIONS
NO.

B-13-879
WINGWALL DETAILS
CITY VIEW DRIVE BOX CULVERT
CITY OF MADISON
MADISON, WISCONSIN

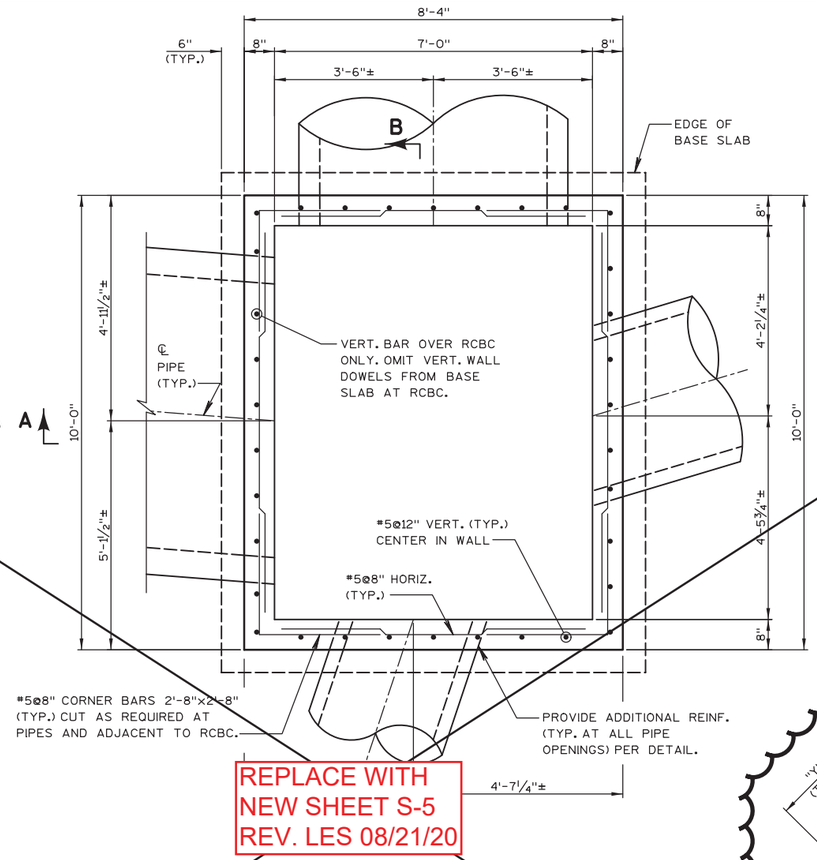
JOB NO. 1020.115
PROJECT MGR. BMO

STRAND ASSOCIATES®

SHEET S-4

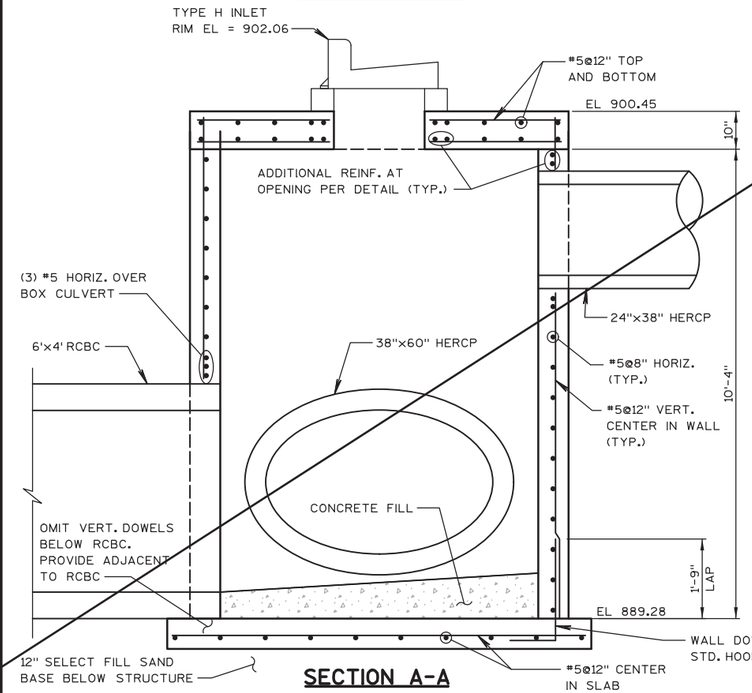


S-2 TOP PLAN

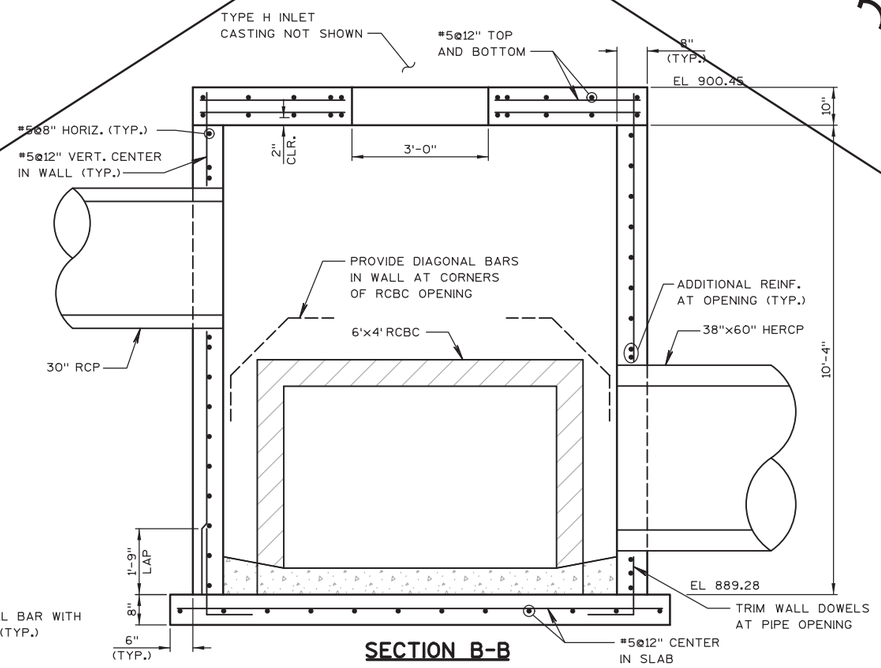


REPLACE WITH
NEW SHEET S-5
REV. LES 08/21/20

S-2 LOWER PLAN



SECTION A-A



SECTION B-B

GENERAL NOTES

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

ALL ITEMS SHOWN IN THIS DETAIL, EXCEPT STORM SEWER PIPES, ARE INCLUDED IN BID ITEM "STORM SAS-SPECIAL".

CONTRACTOR MAY CHOOSE TO PRECAST TOP SLAB AND LIFT SLAB ONTO STRUCTURE. IF TOP SLAB IS NOT CAST IN PLACE, USE THE ALTERNATE SLAB JOINT DETAIL SHOWN IN DETAIL "A" ON SHEET S-6.

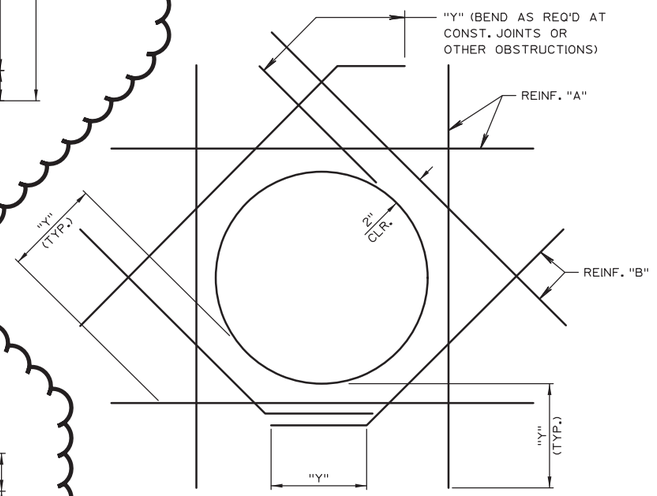
REFER TO STORM SEWER PLANS FOR PIPE SIZES, INVERT ELEVATIONS AND STATION/OFFSET TO CENTER OF STRUCTURE.

REINFORCING STEEL SHALL MEET REQUIREMENTS OF WISDOT STANDARD SPECIFICATIONS SECTION 505.

EXCAVATION FOR STRUCTURE SHALL BE BACKFILLED WITH SELECT FILL SAND.

DESIGN DATA:
CONCRETE MASONRY: f'c = 4000 PSI
STEEL REINFORCING: Fy = 60 KSI

1



ADDITIONAL REINFORCEMENT AT CONCRETE OPENINGS

NOTES:

1. MOVE REINF. MAX. OF 2" TO CLEAR OPENING TO AVOID CUTTING REINF. CUT REMAINING BARS THAT PASS THROUGH OPENING.
2. WHERE REINF. MUST BE CUT, ADD REINF. "A" AT LEAST EQUAL IN AREA TO THAT WHICH WAS CUT AND EXTEND BEYOND OPENING DISTANCE "Y".
3. DIAGONAL BARS "B" TO BE PLACED:
   A. AT EACH FACE OF WALL WHERE TWO LAYERS OF REINF. ARE PROVIDED.
   B. AT TOP & BOTTOM OF ALL SLABS.
4. UNLESS OTHERWISE NOTED, SIZE OF REINF. "B" SHALL BE THE SIZE OF THE LARGEST REINF. BAR CUT.
5. Y = CLASS B LAP (#5 BAR = 1'-10")
6. THIS DETAIL IS TO BE USED WHEN NO OTHER DETAIL IS SPECIFIED.

NO.	REVISIONS	DATE:
1	REVISED ALL DIMENSIONS	6/10/20

STORM SAS-SPECIAL
S-2 PLAN AND DETAILS

CITY VIEW DRIVE BOX CULVERT
CITY OF MADISON
MADISON, WISCONSIN

JOB NO.
1020.115

PROJECT MGR.
BMO

STRAND ASSOCIATES®

SHEET
S-5

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. S-5
STRUCTURAL DETAIL (NOT TO SCALE)	
CITY VIEW DRIVE	CITY OF MADISON

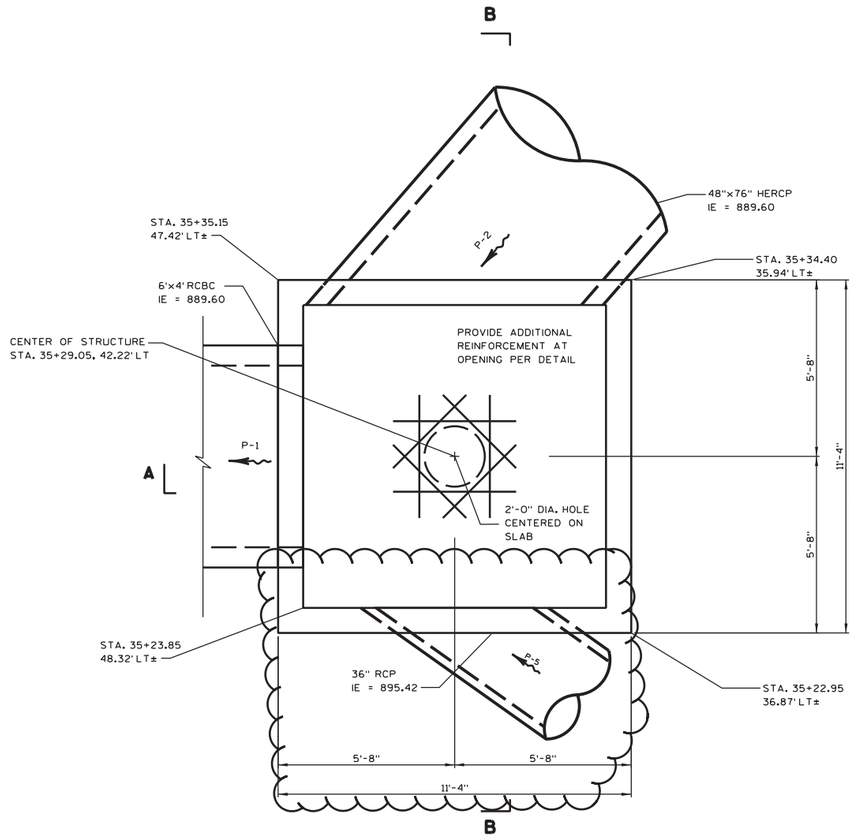
REV. LES 08/28/20

PLOT SCALE:

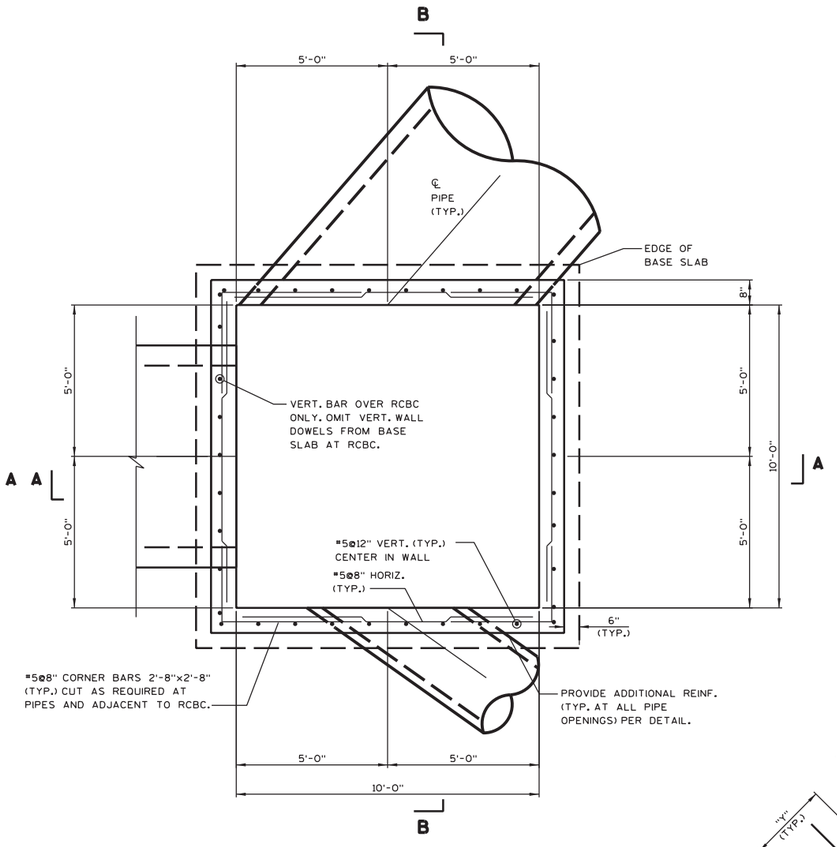
PLOT NAME:

REV. DATE:

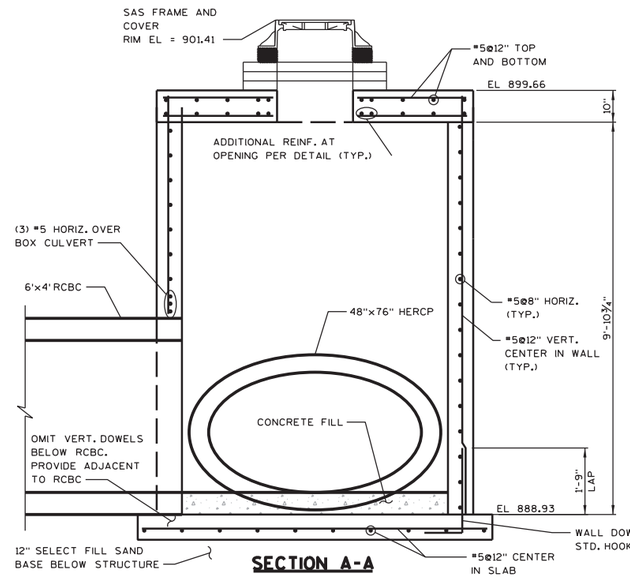
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



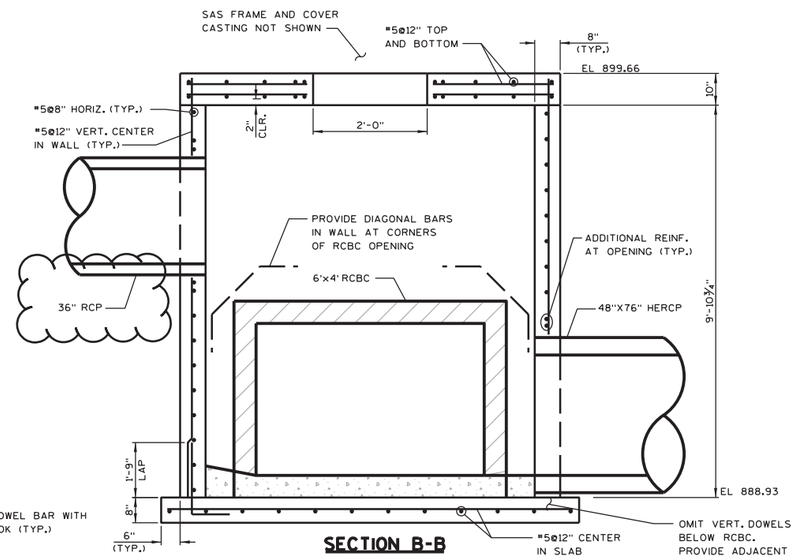
S-2 TOP PLAN



S-2 LOWER PLAN



SECTION A-A



SECTION B-B

GENERAL NOTES

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

ALL ITEMS SHOWN IN THIS DETAIL, EXCEPT STORM SEWER PIPES, ARE INCLUDED IN BID ITEM "STORM SAS-SPECIAL".

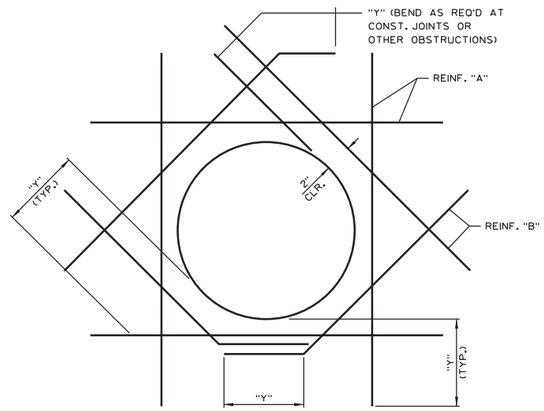
CONTRACTOR MAY CHOOSE TO PRECAST TOP SLAB AND LIFT SLAB ONTO STRUCTURE. IF TOP SLAB IS NOT CAST IN PLACE, USE THE ALTERNATE SLAB JOINT DETAIL SHOWN IN DETAIL "A" ON SHEET S-6.

REFER TO STORM SEWER PLANS FOR PIPE SIZES, INVERT ELEVATIONS AND STATION/OFFSET TO CENTER OF STRUCTURE.

REINFORCING STEEL SHALL MEET REQUIREMENTS OF WISDOT STANDARD SPECIFICATIONS SECTION 505.

EXCAVATION FOR STRUCTURE SHALL BE BACKFILLED WITH SELECT FILL SAND.

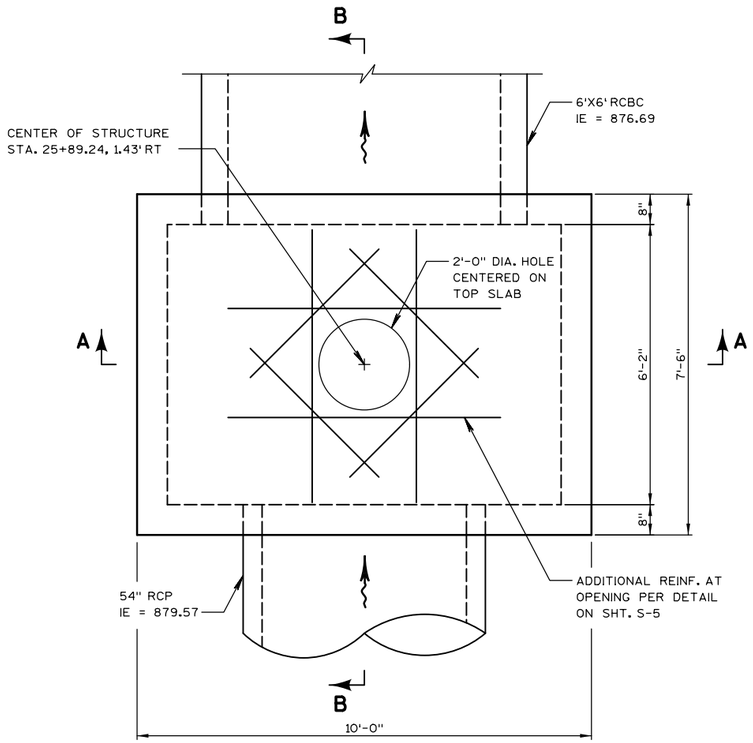
DESIGN DATA:
CONCRETE MASONRY: f'c = 4000 PSI
STEEL REINFORCING: Fy = 60 KSI



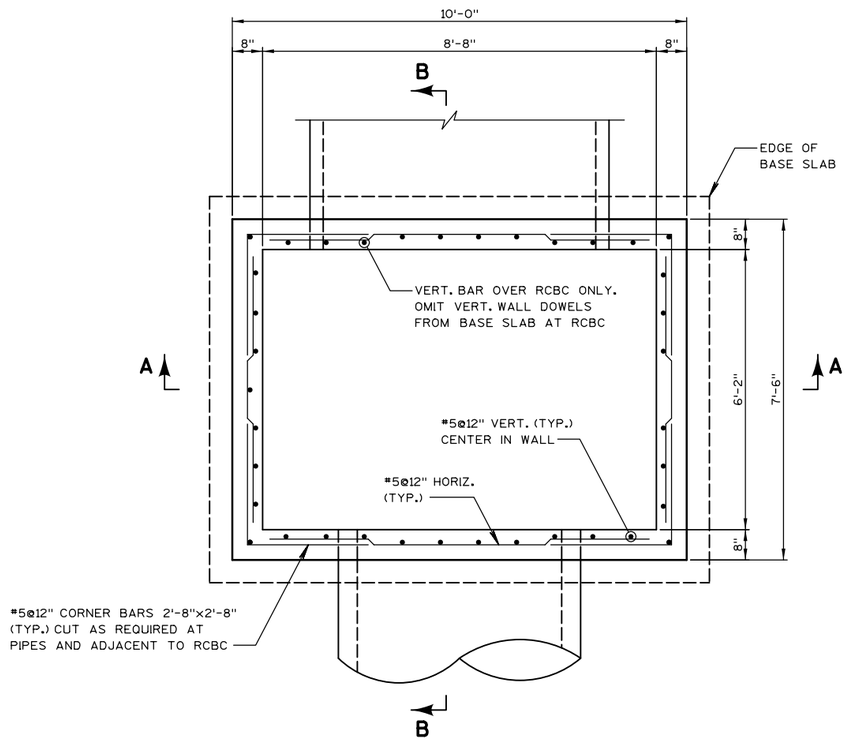
ADDITIONAL REINFORCEMENT AT CONCRETE OPENINGS

NOTES:

1. MOVE REINF. MAX. OF 2" TO CLEAR OPENING TO AVOID CUTTING REINF. CUT REMAINING BARS THAT PASS THROUGH OPENING.
2. WHERE REINF. MUST BE CUT, ADD REINF. "A" AT LEAST EQUAL IN AREA TO THAT WHICH WAS CUT AND EXTEND BEYOND OPENING DISTANCE "Y".
3. DIAGONAL BARS "B" TO BE PLACED:
   A. AT EACH FACE OF WALL WHERE TWO LAYERS OF REINF. ARE PROVIDED.
   B. AT TOP & BOTTOM OF ALL SLABS.
4. UNLESS OTHERWISE NOTED, SIZE OF REINF. "B" SHALL BE THE SIZE OF THE LARGEST REINF. BAR CUT.
5. Y = CLASS B LAP (#5 BAR = 1'-10")
6. THIS DETAIL IS TO BE USED WHEN NO OTHER DETAIL IS SPECIFIED.



S-110 TOP PLAN



S-110 LOWER PLAN

GENERAL NOTES

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

ALL ITEMS SHOWN IN THIS DETAIL, EXCEPT STORM SEWER PIPES, ARE INCLUDED IN BID ITEM "STORM SAS-SPECIAL".

CONTRACTOR MAY CHOOSE TO PRECAST TOP SLAB AND LIFT SLAB ONTO STRUCTURE. IF TOP SLAB IS NOT CAST IN PLACE, USE THE ALTERNATE SLAB JOINT DETAIL SHOWN IN DETAIL "A".

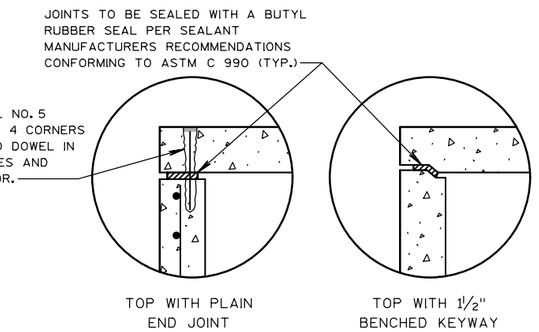
REFER TO STORM SEWER PLANS FOR PIPE SIZES, INVERT ELEVATIONS AND STATION/OFFSET TO CENTER OF STRUCTURE.

REINFORCING STEEL SHALL MEET REQUIREMENTS OF WISDOT STANDARD SPECIFICATIONS SECTION 505.

REFER TO SHEET S-5 FOR "ADDITIONAL REINFORCING AT CONCRETE OPENING" DETAIL.

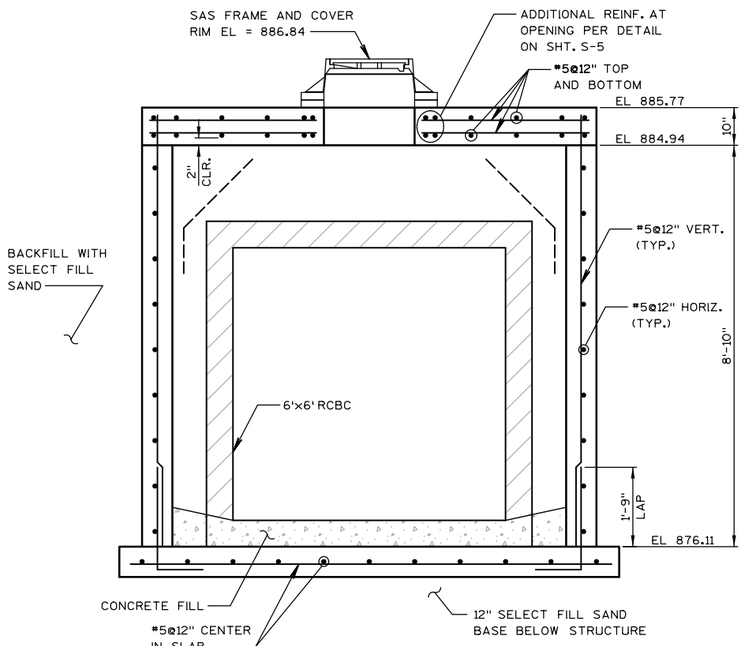
EXCAVATION FOR SRUCTURE SHALL BE BACKFILLED WITH SELECT FILL SAND.

DESIGN DATA:
CONCRETE MASONRY: f'c = 4000 PSI
STEEL REINFORCING: Fy = 60 KSI

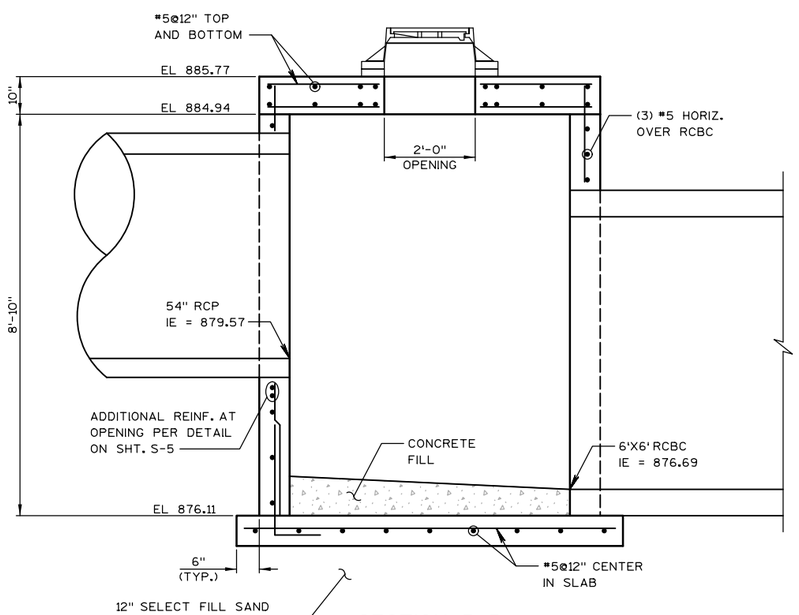


DETAIL "A"

FOR USE WITH PRECAST TOP SLAB



SECTION A-A



SECTION B-B

DATE:	REVISIONS	NO.

STORM SAS-SPECIAL
S-110 PLAN AND DETAILS

CITY VIEW DRIVE BOX CULVERT
CITY OF MADISON
MADISON, WISCONSIN

JOB NO.
1020.115

PROJECT MGR.
BMO

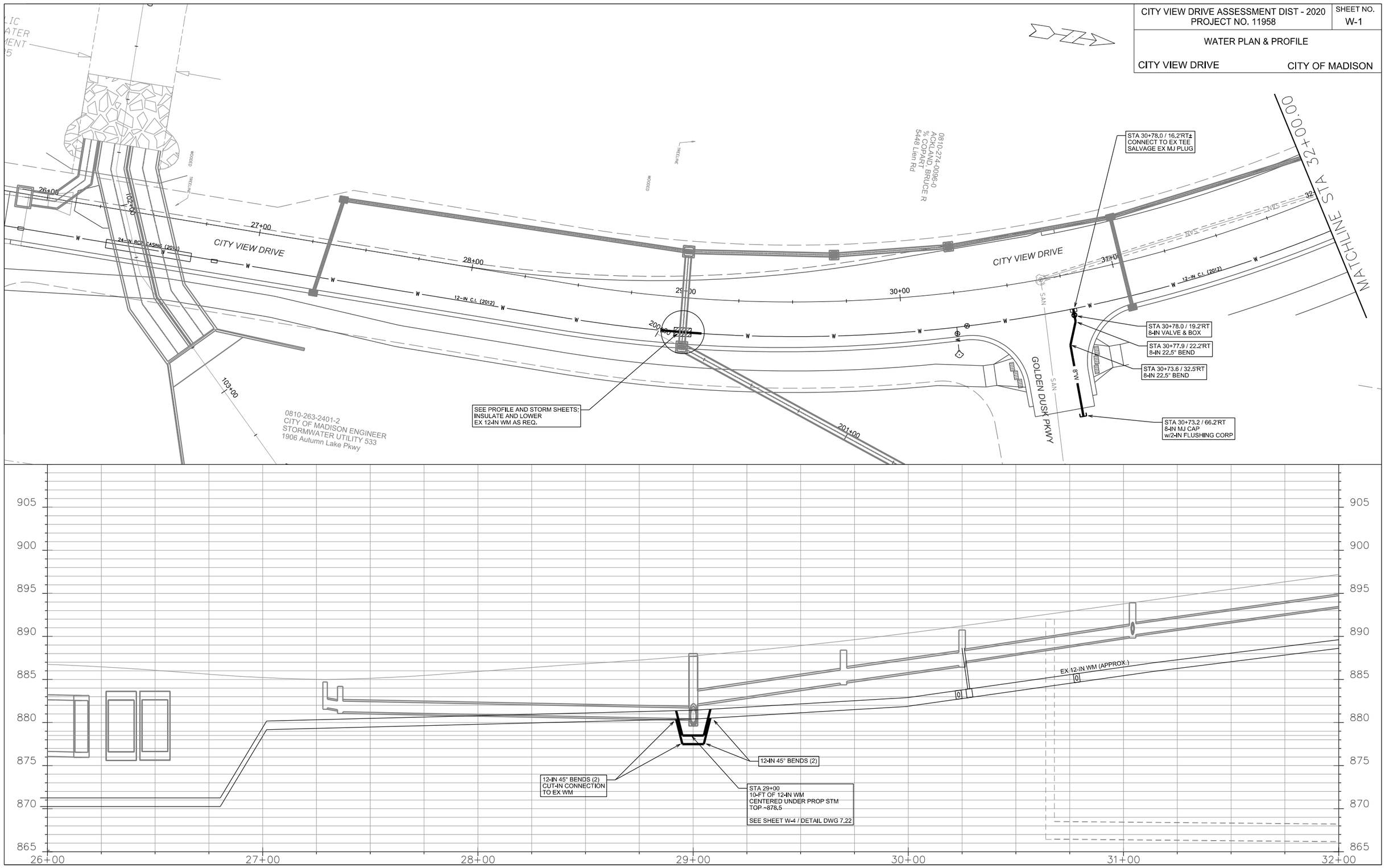
STRAND ASSOCIATES®

SHEET
S-6

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. W-1
WATER PLAN & PROFILE	
CITY VIEW DRIVE	CITY OF MADISON

REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



FILE NAME: M:\DESIGN\Projects\10429\Water\2020\11958WU-PnP##1.dgn

DATE: 3/12/2020

PLOT SCALE: 40.0000 sf / In.

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. W-2
WATER PLAN & PROFILE	
CITY VIEW DRIVE	CITY OF MADISON

REVISED 10.07.2020
PEH

LOCATE EX 6-IN SERVICE AT PROPERTY LINE VERIFY OR EXTEND LENGTH TO 10-FT PAST PROPERTY LINE (TYP.)

SEE PROFILE AND STORM SHEETS; INSULATE AND LOWER EX 6-IN WATER SVC AS REQ. (TYP.)

0810-274-0306-3
IA CROSSROADS LLC
1802 City View Dr

0810-274-0305-5
IA CROSSROADS LLC
1902 City View Dr

0810-274-0207-3
IA HILLTOP LLC
1805 City View Dr

0810-274-0206-5
IA HILLTOP LLC
1825 City View Dr

0810-274-0205-7
IA HILLTOP LLC
1905 City View Dr

FORM CURB AROUND VALVE BOX AS REQ. (TYP.)

MATCHLINE STA 32+00.00

MATCHLINE STA 38+00.00

CITY VIEW DRIVE

TURNKEY NETWORK
AMERICAN FAMILY INS

SLURRIED 36-IN ST (2012)

12-IN C.I. (2012)

12-IN C.I. (2005)

12-IN C.I. (2005)

LOWER EX WATER SERVICE AS REQ.
FOR PROP STORM CROSSING;
NEW TOP ~892.0

SEE SHEET W-4 / DETAIL DWG 7.22

LOWER EX WATER SERVICE AS REQ.
FOR PROP STORM CROSSING;
NEW TOP ~901.0

SEE SHEET W-4 / DETAIL DWG 7.22

EX 12-IN WM (APPROX.)

159 LF - 8" SAN PVC @ 1.65%

EX. 8" SAN PVC

EX 12-IN WM (APPROX.)

915
910
905
900
895
890
885
880

32+00
33+00
34+00
35+00
36+00
37+00
38+00

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

FILE NAME: M:\DESIGN\Projects\10429\Water\2020\11958WU-PnP##2.dgn
DATE: 10/7/2020
PLOT SCALE: 40.0000 sf / In.

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. W-3
WATER PLAN & PROFILE	
CITY VIEW DRIVE	CITY OF MADISON

REVISED 10.07.2020
PEH

MATCHLINE STA 38+00.00

SEE PROFILE AND STORM SHEETS; INSULATE AND LOWER EX 6-IN WATER SVC AS REQ. (TYP.)

FORM CURB AROUND VALVE BOX AS REQ. (TYP.)

LOCATE EX 6-IN SERVICE AT PROPERTY LINE VERIFY OR EXTEND LENGTH TO 10-FT PAST PROPERTY LINE (TYP.)

CITY VIEW DRIVE

12-IN C.I. (2005)

16-IN C.I. (2005)

0810-274-0304-7
IA CROSSROADS LLC
1922 City View Dr

0810-274-0303-9
IA CROSSROADS LLC
2002 City View Dr

0810-274-0302-1
IA CROSSROADS LLC
2022 City View Dr

0810-274-0301-3
IA CROSSROADS LLC
2102 City View Dr

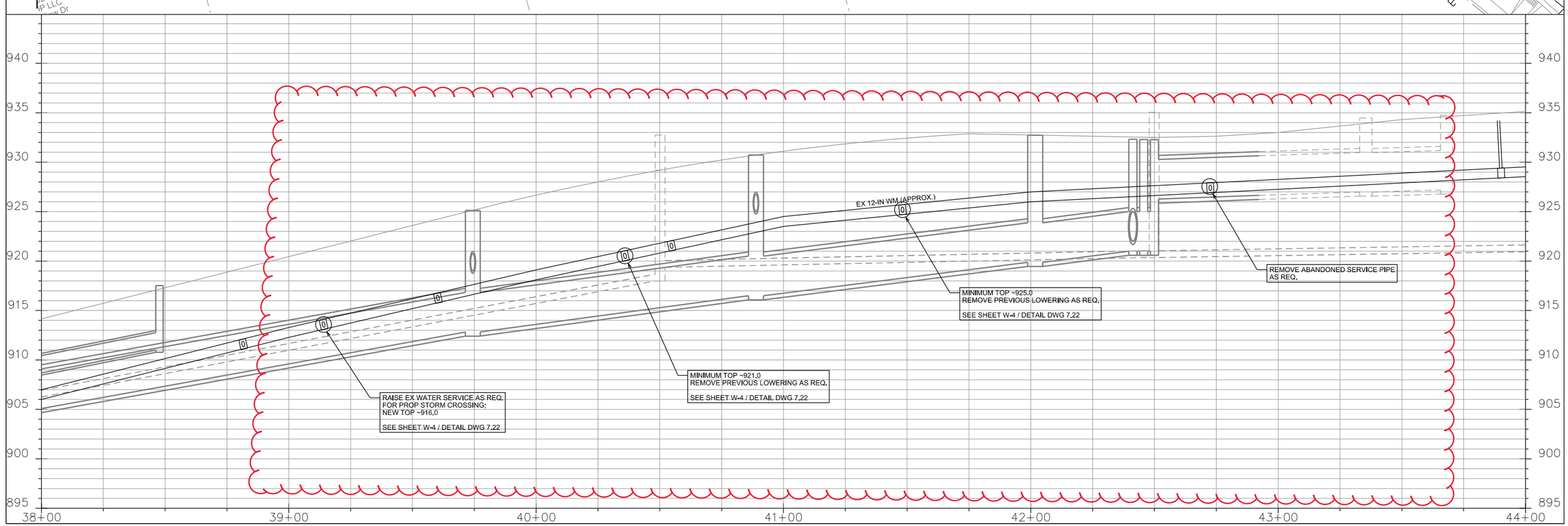
0810-271-0218-6
IA CROSSROADS LLC
2202 Crossroads Dr

0810-274-0202-3
IA HILLTOP LLC
2005 City View Dr

0810-274-0204-9
IA HILLTOP LLC LLC
1925 City View Dr

0810-274-0205-7
IA HILLTOP LLC
1905 City View Dr

0810-274-0201-5
IA HILLTOP LLC
2115 City View Dr



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

FILE NAME: M:\DESIGN\Projects\10429\Water\2020\11958WU-PnP##3.dgn
DATE: 10/7/2020
PLOT SCALE: 40.0000 sf / In.

CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN BELOW FINISHED GRADE AS NOTED ON THE PLANS. 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 FROM THE OLDER WATER MAIN TO THE NEWER WATER MAIN.

WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF; ABANDON CURB BOX AS REQUIRED.

WN4 DISCONNECT FROM THE OLDER WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEWER 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

ESTIMATE OF PROJECT WATER MATERIALS:

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

WATER MAIN / FITTING MATERIALS	
6-IN PIPE (LF)	180
8-IN PIPE (LF)	50
POLY WRAP (LF)	260
8-IN VALVES & BOXES	1
8-IN 22.5° BENDS	2
6-IN 45° BENDS	20
8-IN MJ CAPS w/2-IN CORP	1

MISC. MATERIALS	
2-IN INSULATION (LF)	AS REQ

REUSED MATERIALS	
6-IN MJ CAPS	9

SALVAGED MATERIALS	
8-IN MJ PLUGS	1

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

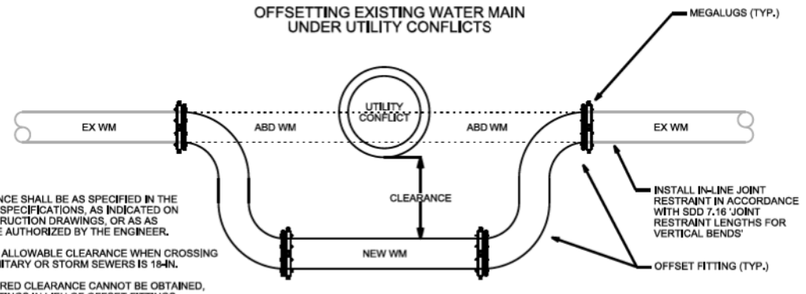
WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

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.

PART VII - WATER MAINS AND SERVICE LATERALS — DETAIL DRAWING NO. **7.22**
REVISED: 12/2018

OFFSETTING EXISTING WATER MAIN UNDER UTILITY CONFLICTS



NOTES:

1) CLEARANCE SHALL BE AS SPECIFIED IN THE STANDARD SPECIFICATIONS, AS INDICATED ON THE CONSTRUCTION DRAWINGS, OR AS AS OTHERWISE AUTHORIZED BY THE ENGINEER.

2) MINIMUM ALLOWABLE CLEARANCE WHEN CROSSING BELOW SANITARY OR STORM SEWERS IS 18-IN.

3) IF REQUIRED CLEARANCE CANNOT BE OBTAINED, USE 45° FITTINGS IN LIEU OF OFFSET FITTINGS.

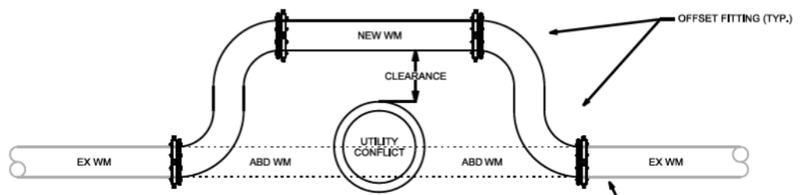
4) 11.25°, 22.5°, OR 90° FITTINGS ARE NOT ALLOWED WITHOUT ENGINEER APPROVAL.

5) INSULATE AS REQUIRED PER THE STANDARD SPECIFICATIONS OR AS INDICATED ON THE DRAWINGS.

6) FITTINGS CONNECTED TO EXISTING WATER MAINS WITH CUT-IN CONNECTIONS PER THE STANDARD SPECIFICATIONS.

7) NEW PIPE SHALL HAVE NO JOINTS BETWEEN FITTINGS.

OFFSETTING EXISTING WATER MAIN OVER UTILITY CONFLICTS



NOTES:

1) CLEARANCE SHALL BE AS SPECIFIED IN THE STANDARD SPECIFICATIONS, AS INDICATED ON THE CONSTRUCTION DRAWINGS, OR AS AS OTHERWISE AUTHORIZED BY THE ENGINEER.

2) MINIMUM ALLOWABLE CLEARANCE WHEN CROSSING ABOVE SANITARY OR STORM SEWERS IS 6-IN.

3) IF REQUIRED CLEARANCE CANNOT BE OBTAINED, USE 45° FITTINGS IN LIEU OF OFFSET FITTINGS.

4) 11.25°, 22.5°, OR 90° FITTINGS ARE NOT ALLOWED WITHOUT ENGINEER APPROVAL.

5) INSULATE AS REQUIRED PER THE STANDARD SPECIFICATIONS OR AS INDICATED ON THE DRAWINGS.

6) FITTINGS CONNECTED TO EXISTING WATER MAINS WITH CUT-IN CONNECTIONS PER THE STANDARD SPECIFICATIONS.

7) NEW PIPE SHALL HAVE NO JOINTS BETWEEN FITTINGS.

CITY OF MADISON WATER UTILITY	NOT TO SCALE	OFFSETTING EXISTING WATER MAIN OVER/UNDER UTILITY CONFLICTS

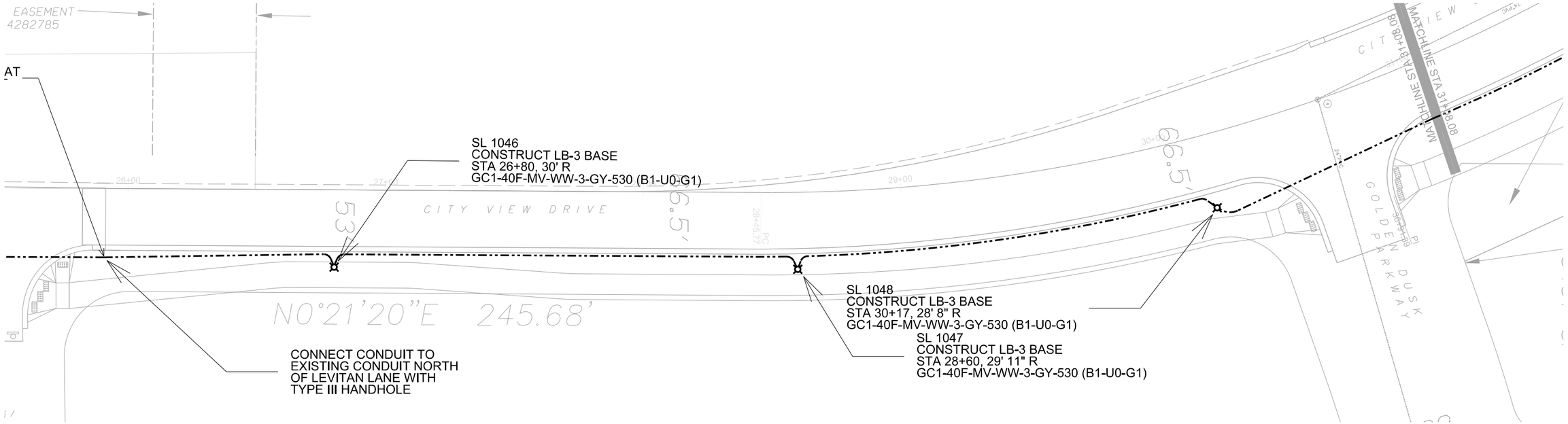
City of Madison Standard Specifications for Public Works Construction

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

CITY VIEW DRIVE PROJECT 11958	SHEET NO. E-1
STREET LIGHTING AND ELECTRICAL PLANS CITY OF MADISON	

JLS 2-25-20

SCALE: 1" = 40'



NOTES:

1. ALL LOCATIONS ARE APPROCIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY JERRY SCHIPPA (267-1969) CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING CONDUIT OR BASE LOCATIONS MARKED.

2. BASES INSTALLED IN TERRACE SHALL BE 4' FROM BACK OF CURB UNLESS OTHERWISE NOTED. SUBJECT TO NOTE 1 ABOVE.

3. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2020 EDITION" AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC, SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.

4. THE CONTRACTOR SHALL CALL MIKE BENZSCHAWEL (266-9031) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION.

5. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.

6. CONTRACTOR SHALL INSTALL ALL NEW BASES, CONDUIT AND HANDHOLE, PER SHEETS E-1 TO E-4.

7. THE CONTRACTOR SHALL ARRANGE FOR PICK UP OF THE FOLLOWING CITY FURNISHED MATERIALS, WHICH SHOULD BE ARRANGED FOR PICKUP BY CALLING DENNIS ROWE, TRAFFIC ENGINEERING SHOP, 266-9034 1120 SAYLE ST, AT LEAST 24-HOURS PRIOR TO NEEDING MATERIALS:
   - (40) 1" x 40" Anchor Bolts

LEGEND

- CONSTRUCT LB-3 BASE
- 2-INCH ELECTRICAL CONDUIT (UNLESS OTHERWISE NOTED)
- CONSTRUCT ELECTRICAL HANDHOLE TYPE 1
- CONSTRUCT ELECTRICAL HANDHOLE TYPE 3
- EXISTING MG&E POLE

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

FILE NAME: $$...designfile...,$$

DATE: $$...plottingdate...,$$

CITY VIEW DRIVE PROJECT 11958	SHEET NO. E-2
STREET LIGHTING AND ELECTRICAL PLANS CITY OF MADISON	

2-25-2020 JLS

SCALE: 1" = 40'

PLOT SCALE:

PLOT NAME:

REV, DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG., DIV.

CONSTRUCT LB-3 BASE
STA 35+57, 25' 6" L
FIXTURE TYPE: TLM-E03-LED-E1-SL2-AP-8030
COMMERCIAL STYLE LED FIXTURE (TYP)
STUB 2" CONDUIT TO SOUTH

SL 1049
CONSTRUCT LB-3 BASE
STA 31+97, 27' 3" R
GC1-40F-MV-WW-3-GY-530 (B1-U0-G1)

SL 1050
CONSTRUCT LB-3 BASE
STA 33+47, 26' 5" R
GC1-40F-MV-WW-3-GY-530 (B1-U0-G1)

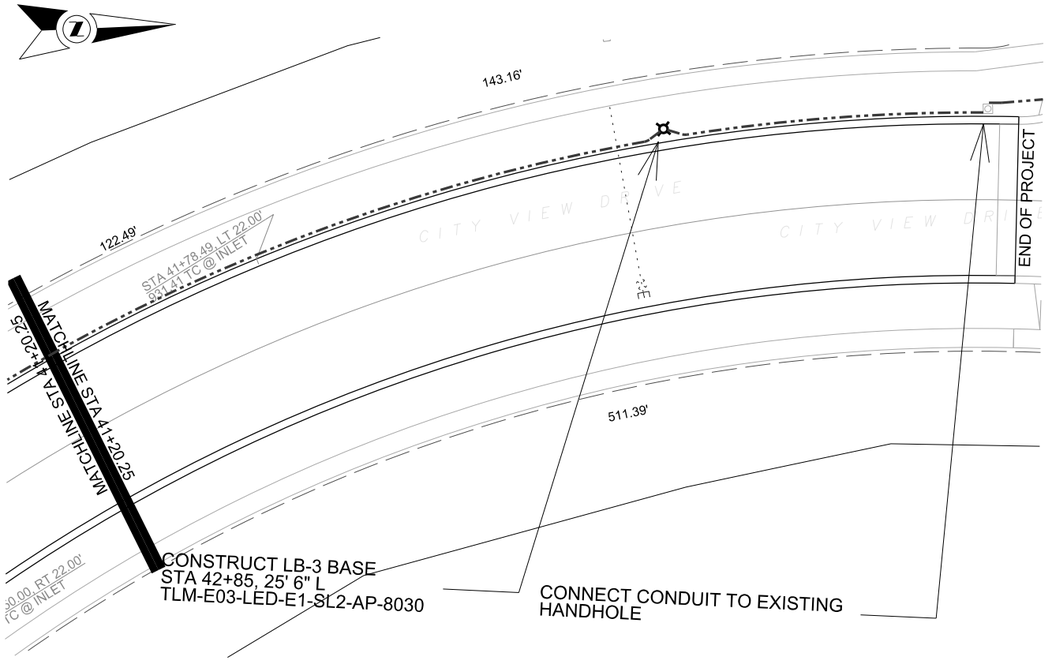
CONSTRUCT LB-3 BASE
STA 37+39 25' 5" L
TLM-E03-LED-E1-
SL2-AP-8030

CONSTRUCT LB-3 BASE
STA 39+21, 25' 4" L
TLM-E03-LED-E1-SL2-AP-8030

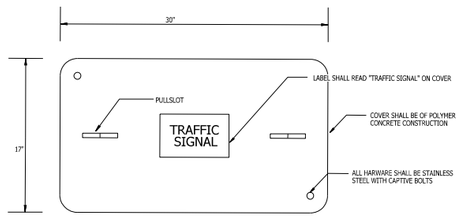
CONSTRUCT LB-3 BASE
STA 41+03, 25' 4" L
TLM-E03-LED-E1-SL2-AP-8030

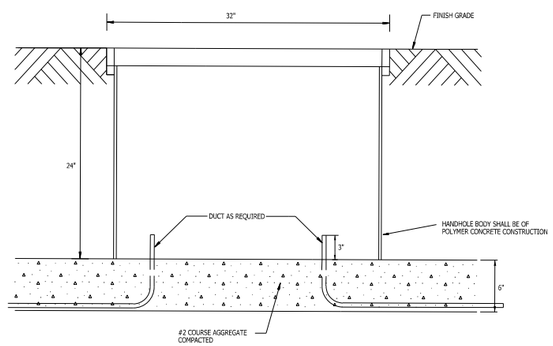
FILE NAME: $$...designfile...$$

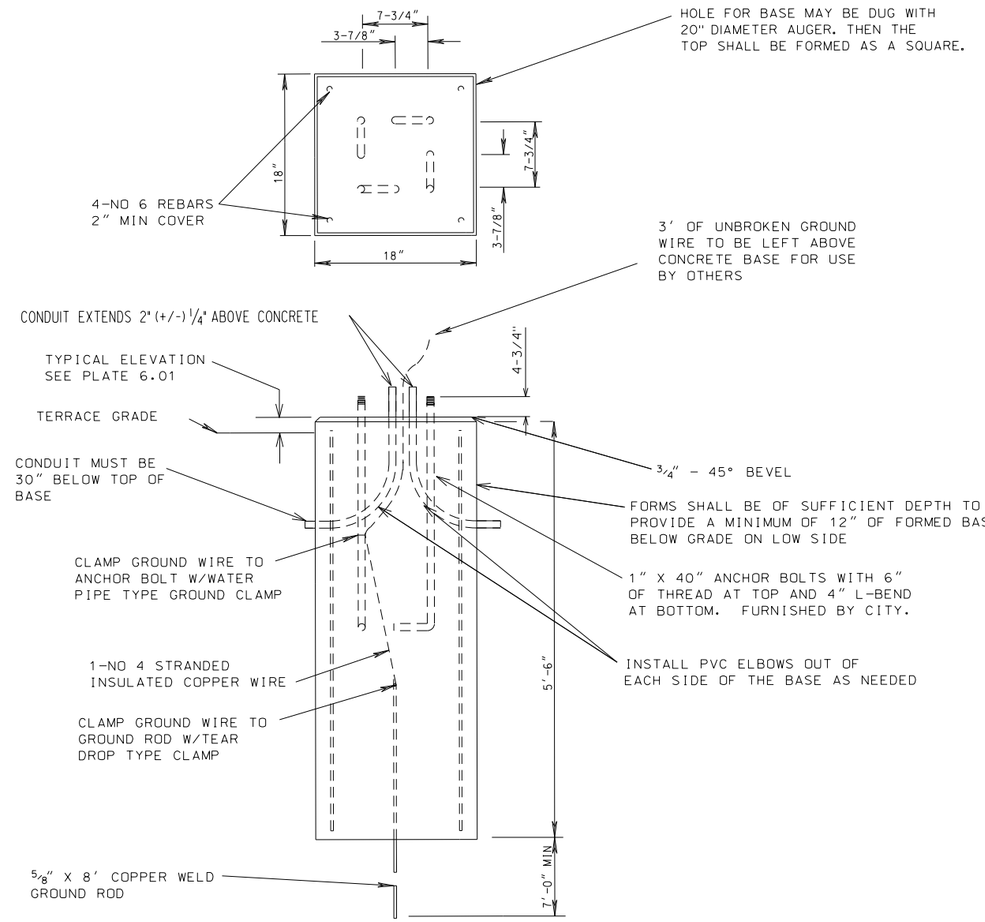
DATE: $$...plottingdate...$$

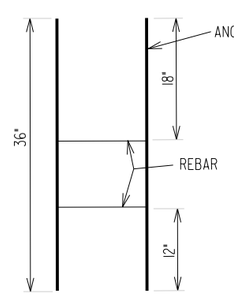


DETAIL: TYPE 2 HANDHOLE
SCALE: NONE









HORIZONTAL REBAR SHALL BE TACK WELDED OR WIRED TO ANCHOR BOLTS TO FORM ANCHOR BOLT CAGE BEFORE POURING CONCRETE.

DETAIL: LB-3 BASE
SCALE: NONE

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

FILE NAME: $$...designfile...$$ DATE: $$...plottingdate...$$

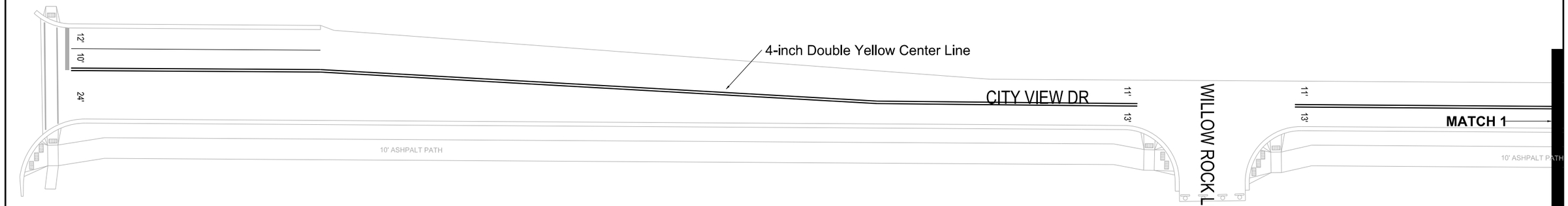
		60230	60232	60261	
		FURNISH & INSTALL 2-IN PVC		ELECTRICAL TRENCH	
FROM	TO	SCH 40 (LF)	SC 80 (LF)	(LF)	Comments
EXISTING	SL1046	92	-	92	(1) - 2"
SL1046	SL1047	186	-	186	(1) - 2"
SL1047	SL1048	169	-	169	(1) - 2"
SL1048	SL1049	-	189	189	(1) - 2"
SL1049	SL1050	155	-	155	(1) - 2"
SL1050	HH3	39	-	39	(1) - 2"
HH3	END	17	-	17	(1) - 2"
HH3	HH2	33	-	-	(1) - 2"
HH2	HH6	-	48	48	(1) - 2"
HH3	HH4	-	25	-	(1) - 2"
HH4	HH5	-	25	-	(1) - 2"
HH3	HH5	-	50	50	(1) - 2"
HH6	HH5	32	-	32	(1) - 2"
HH5	END	17	-	17	(1) - 2"
SL1051	SL1052	190	-	190	(1) - 2"
SL1052	SL1053	182	-	182	(1) - 2"
SL1053	SL1054	191	-	191	(1) - 2"
SL1054	SL1055	193	-	193	(1) - 2"
SL1055	EXISTING HH	87	-	87	(1) - 2"
	TOTALS	1583	337	1837	

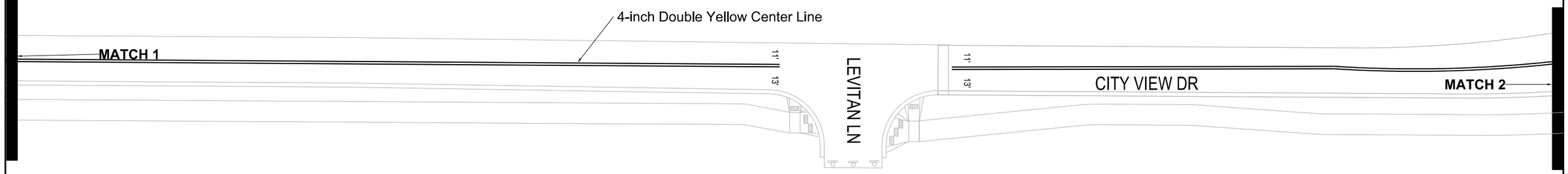
			60403	60703
			CONSTRUCT LB-3 BASE	CONSTRUCT TYPE II HANDHOLE
DESCRIPTION	STATION	OFFSET	(EACH)	(EACH)
SL1046	26+80	30' R	1	-
SL1047	28+60	30' R	1	-
SL1048	30+17	28.5' R	1	-
SL1049	31+97	27.5' R	1	-
SL1050	33+47	26.5' R	1	
HH2	33+52	24' R	-	1
HH6	33+52	24' L	-	1
HH3	33+83	24' R	-	1
HH5	33+83	24' L	-	1
HH4	33+83	0' R	-	1
SL1051	35+57	25.5' L	1	-
SL1052	37+39	25.5' L	1	-
SL1053	39+21	25.5' L	1	-
SL1054	41+03	25.5' L	1	-
SL1055	42+85	25.5' L	1	-
		TOTALS	10	5

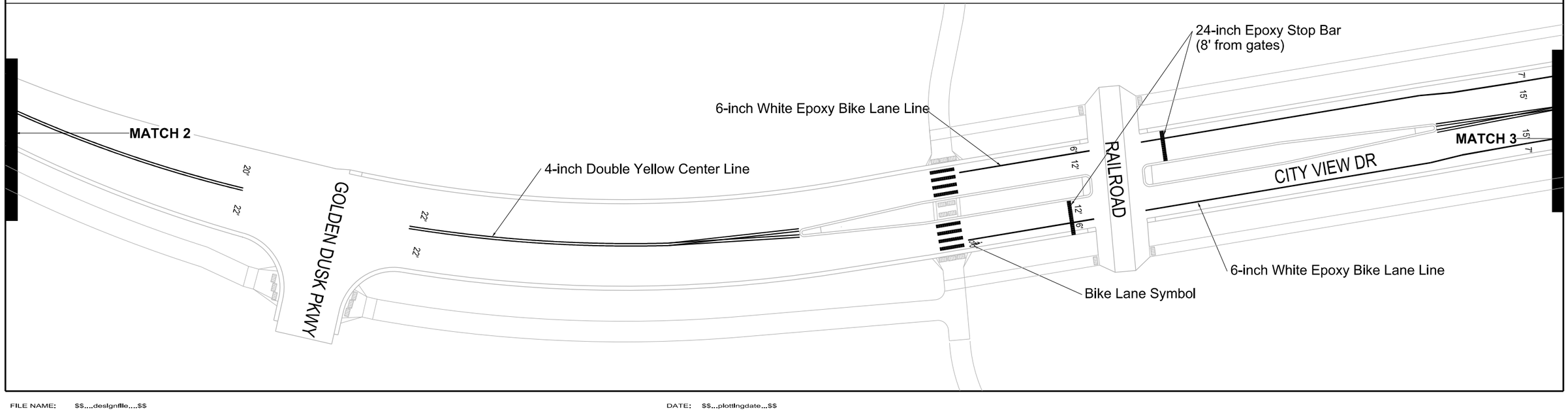
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG., DIV.

FILE NAME: $$....designfile....$$
DATE: $$...plottingdate...$$

Project No. 11958	SHEET NO. PM-1 of 2
Pavement Marking Plans	
CITY OF MADISON	







PLOT SCALE:

PLOT NAME:

REV, DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG., DIV.

FILE NAME: $$...desIgnfIle...$$

DATE: $$...plottIngdate...$$

Project No. 11958	SHEET NO. PM-2 OF 2
Pavement Marking Plan	
CITY OF MADISON	

PLOT SCALE:

PLOT NAME:

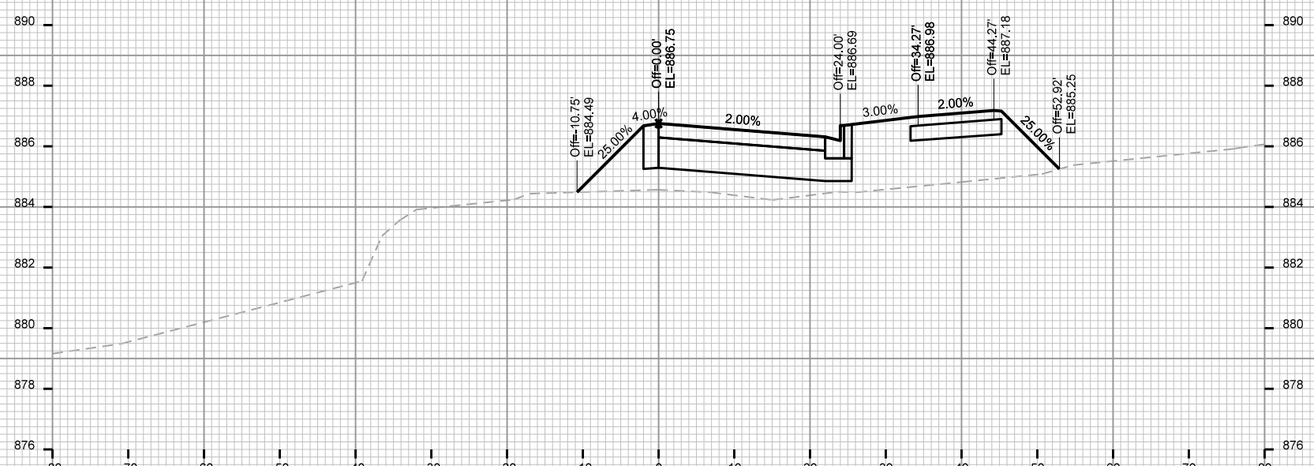
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

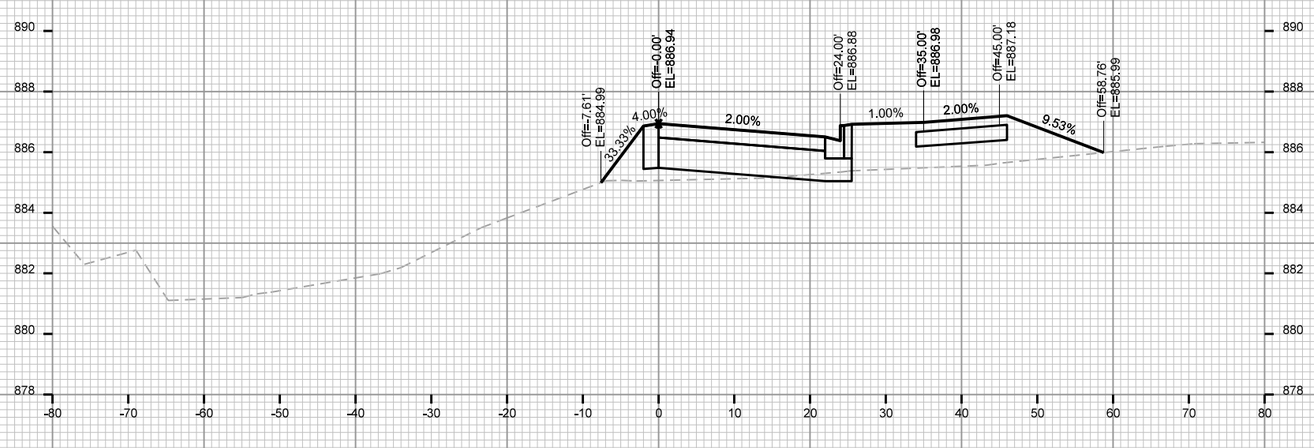
FILE NAME: $$...designfile...$$

DATE: $$...plottingdate...$$

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-1
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



STA. 26+00



STA. 25+75

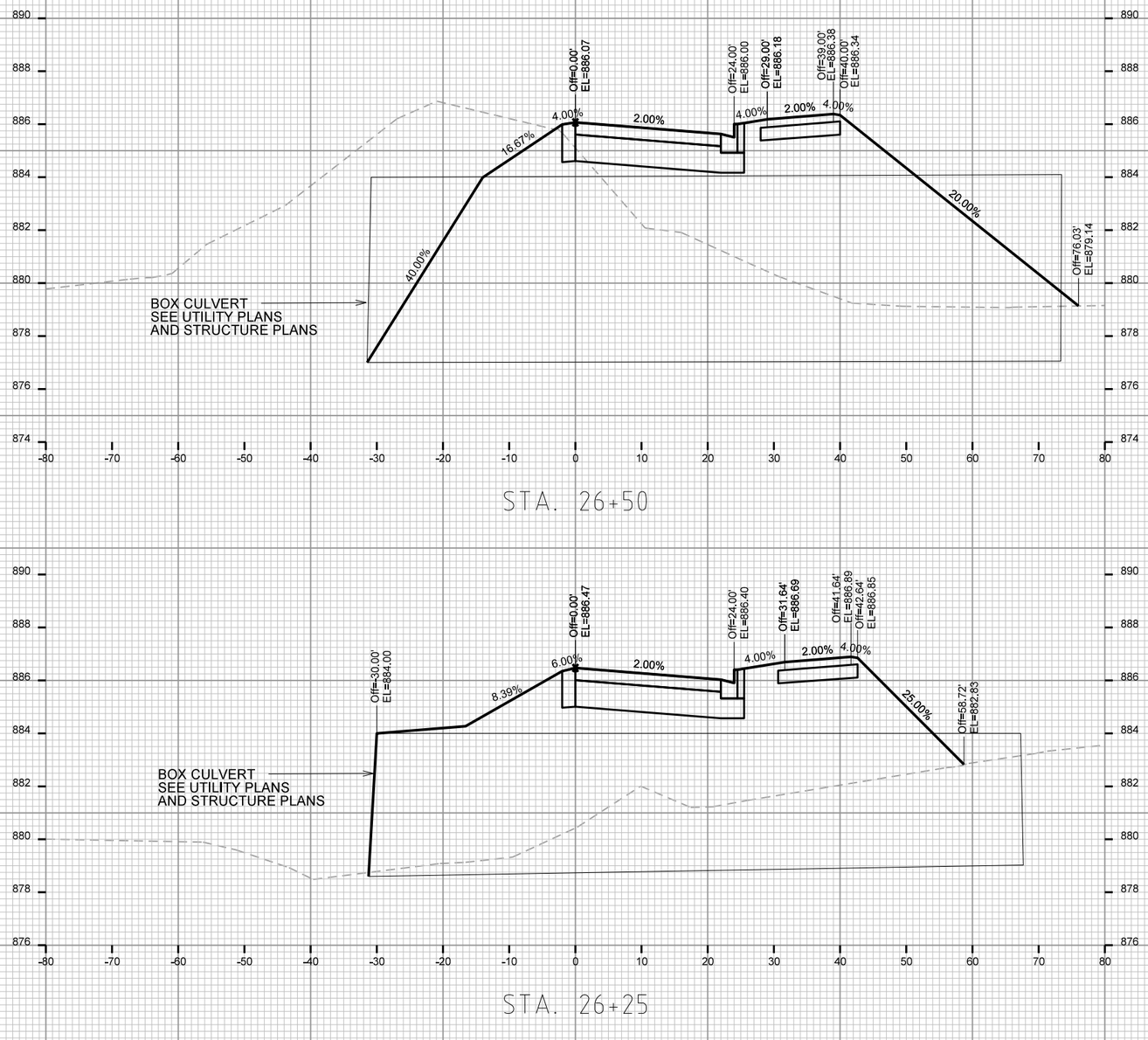
FT
FT

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

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-2
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



STA. 26+50

STA. 26+25

FT
FT

PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

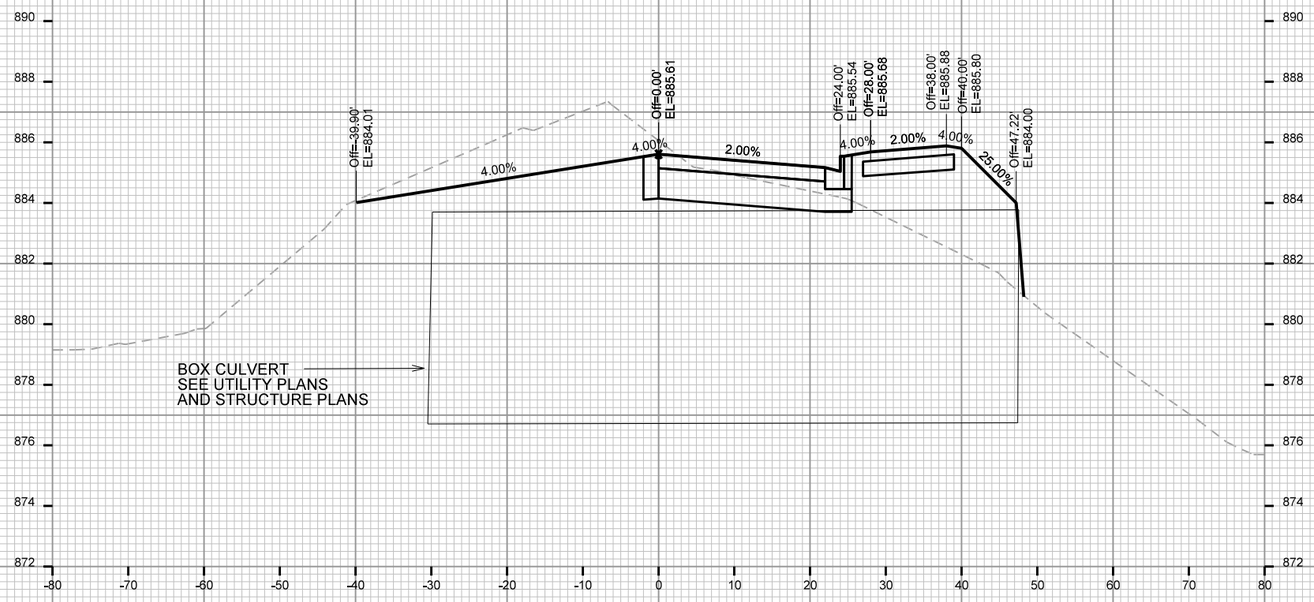
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-3
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

STA. 27+00



STA. 26+75

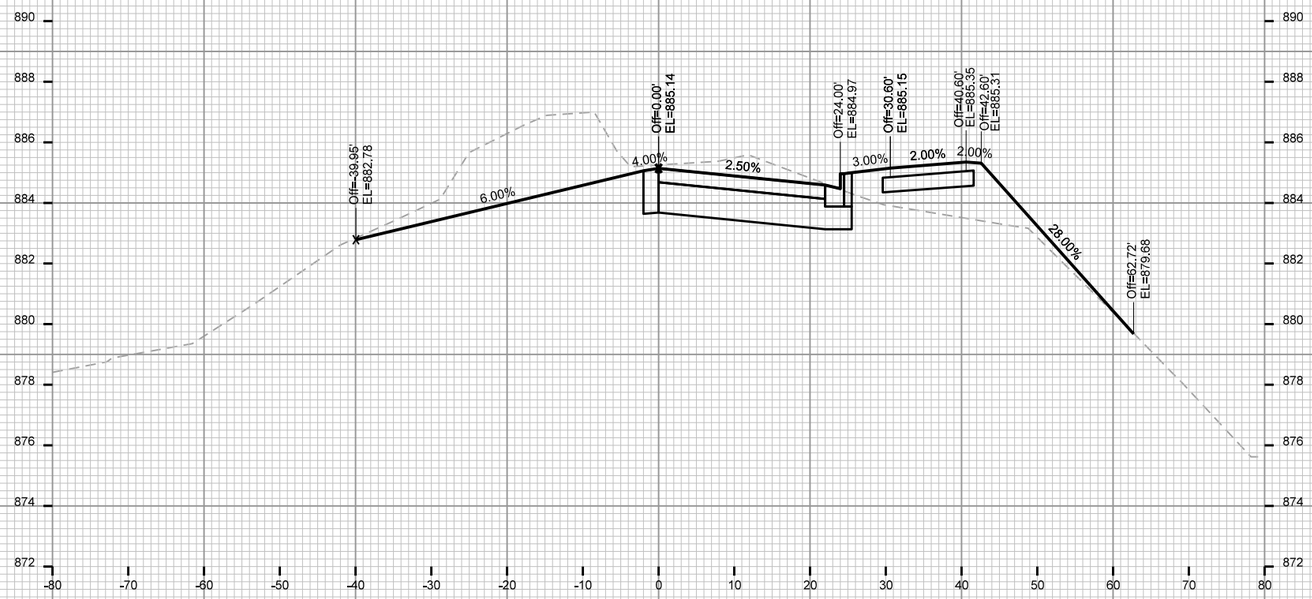
FT
FT

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

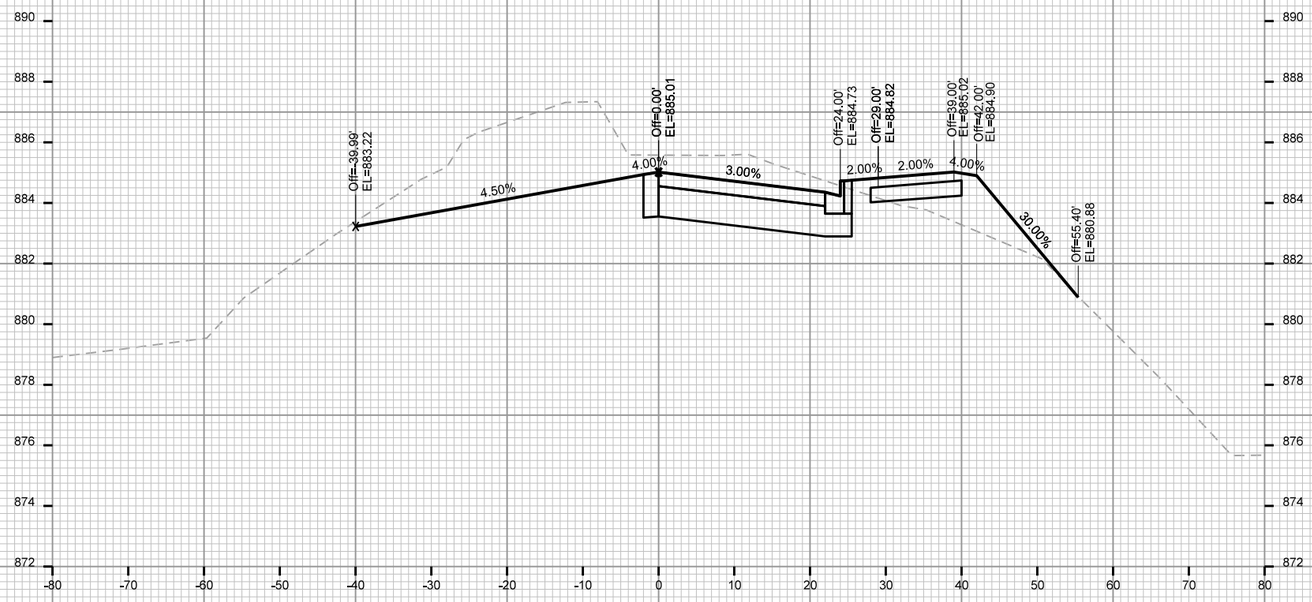
FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-4
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



STA. 27+50



STA. 27+25

FT
FT

PLOT SCALE: ____

PLOT NAME: ____

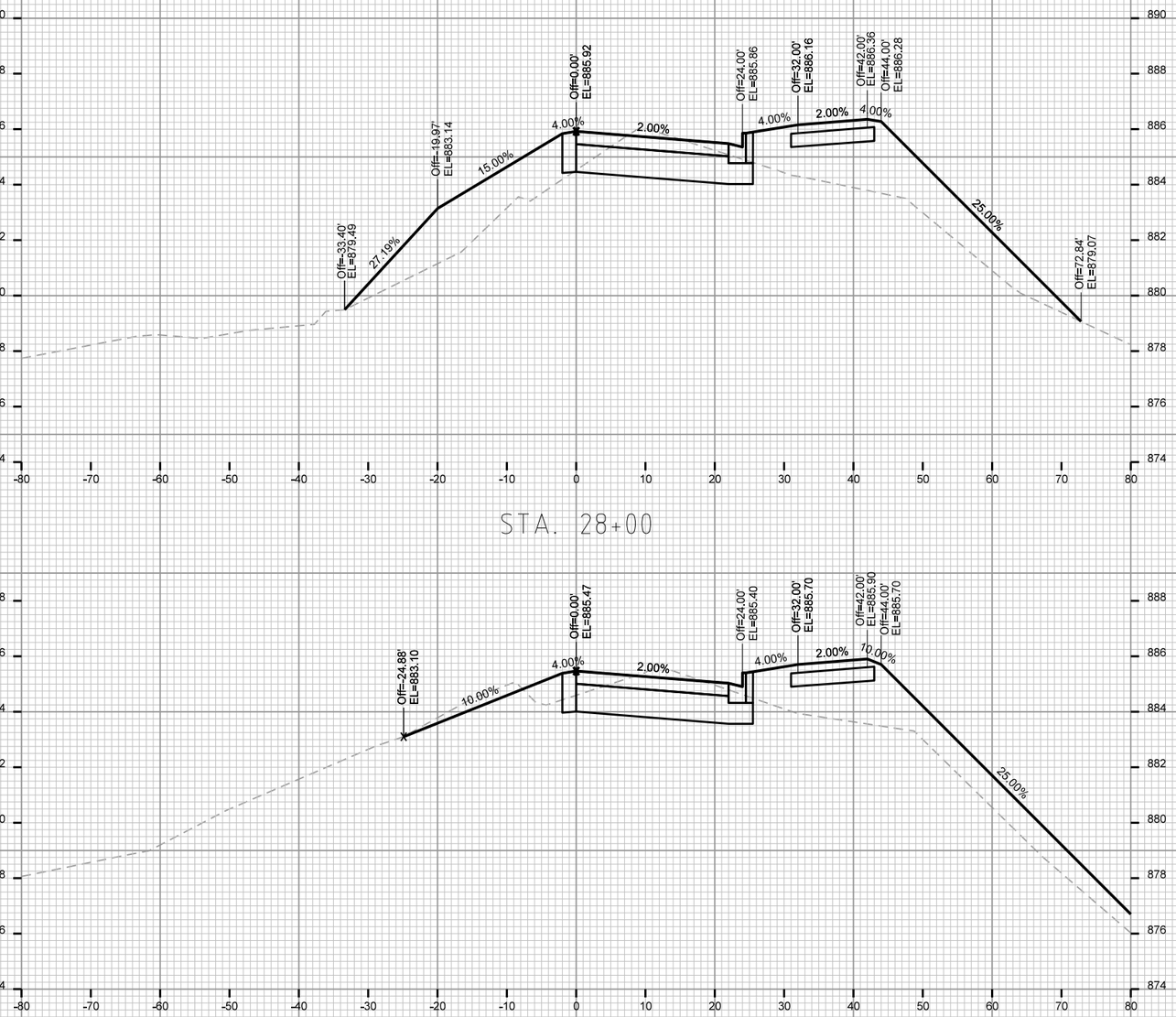
REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-5
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



STA. 28+00

STA. 27+75

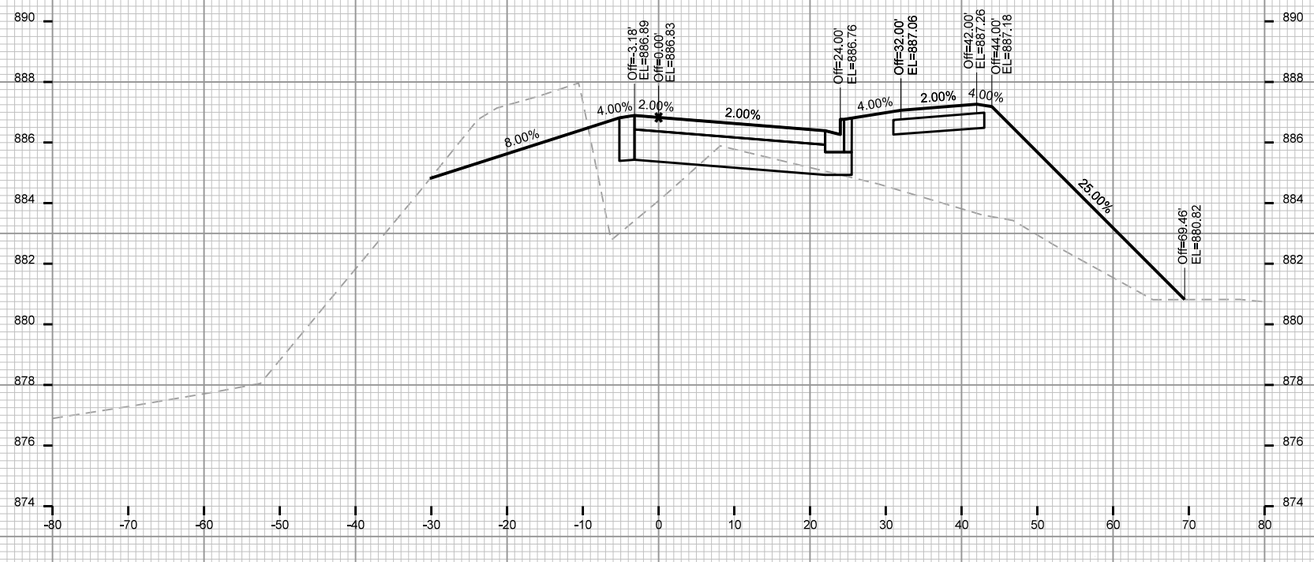
FT
FT

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

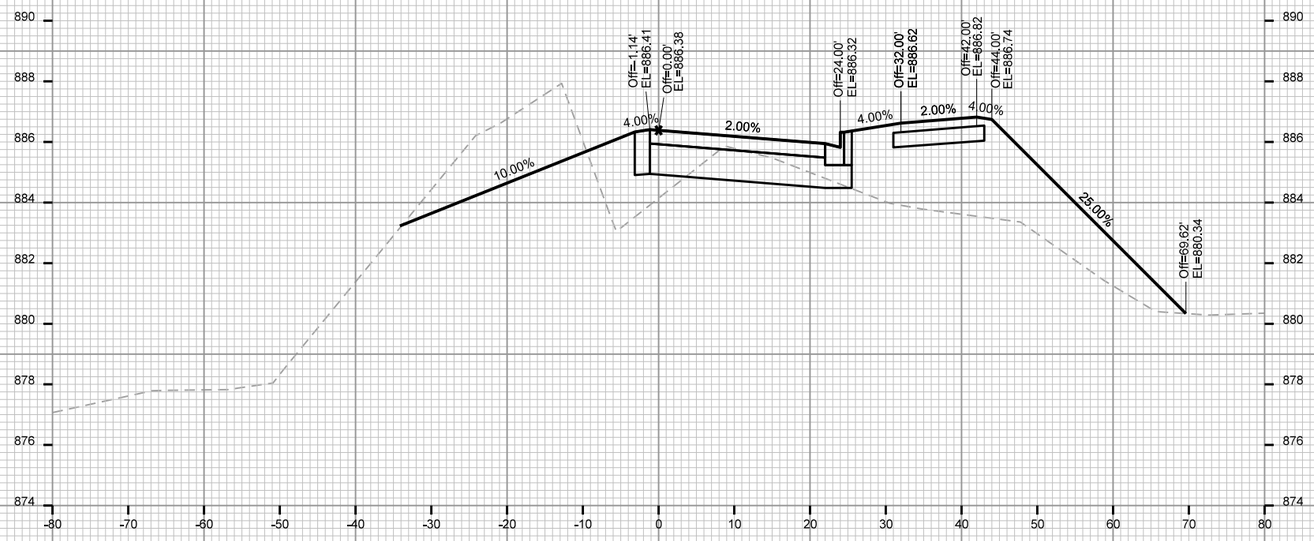
FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-6
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



STA. 28+50



STA. 28+25

FT
FT

PLOT SCALE: ____

PLOT NAME: ____

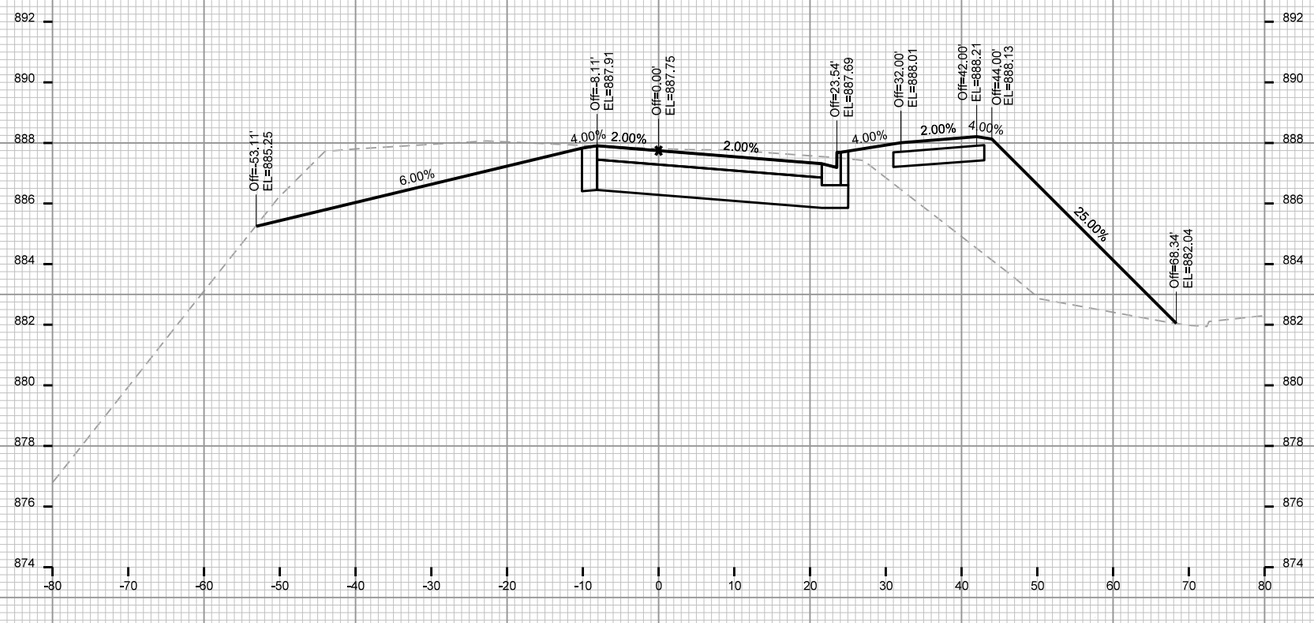
REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

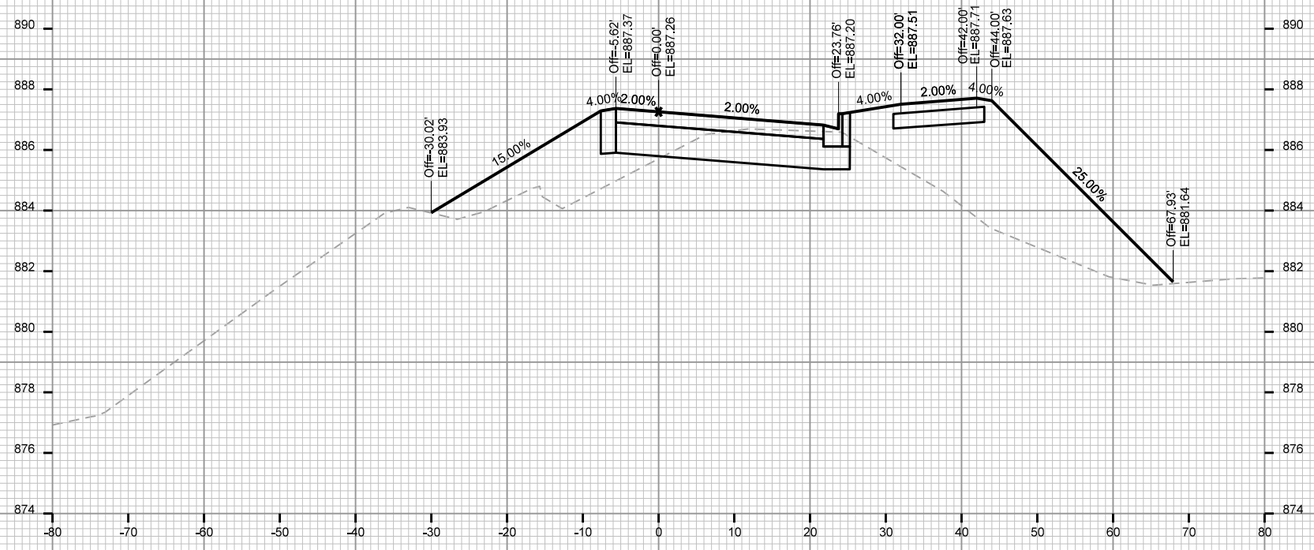
FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-7
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



STA. 29+00



STA. 28+75

FT
FT

PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

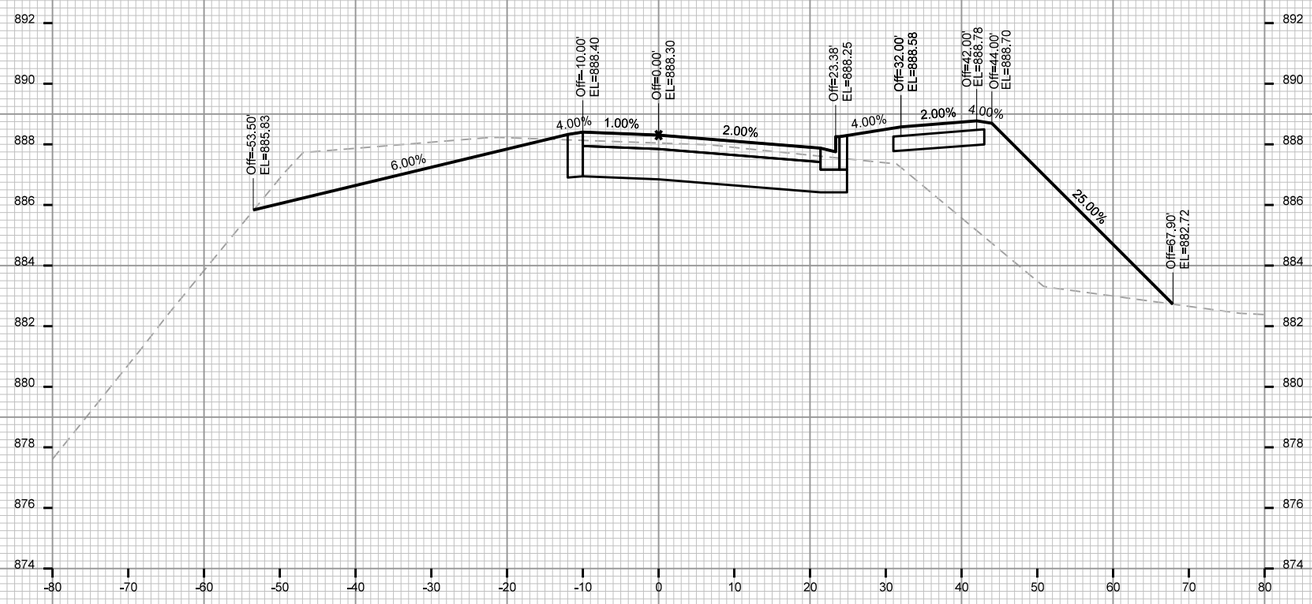
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-8
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

STA. 29+50



STA. 29+25

FT
FT

PLOT SCALE: ____

PLOT NAME: ____

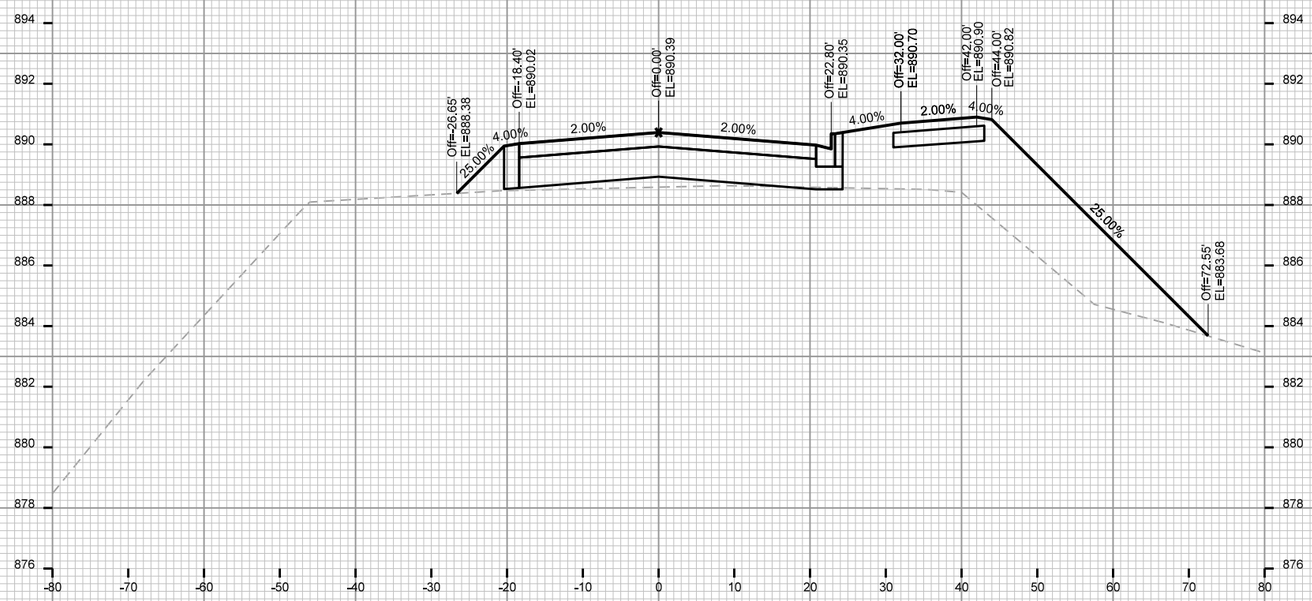
REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

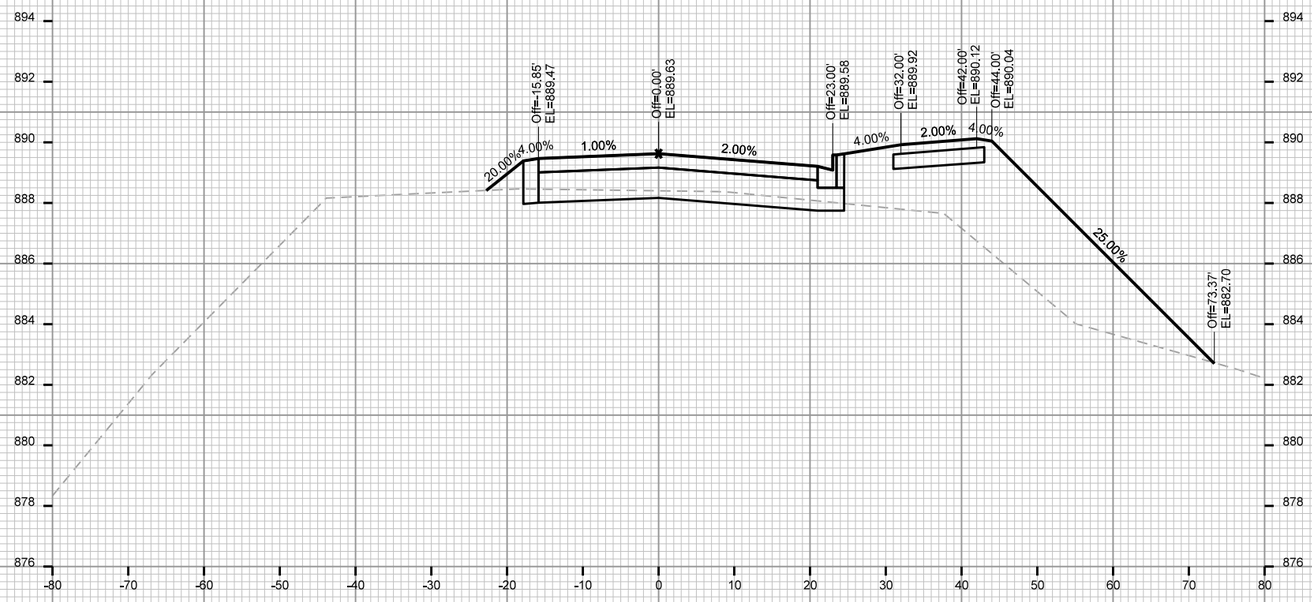
FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-9
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



STA. 30+00



STA. 29+75

FT
FT

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

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

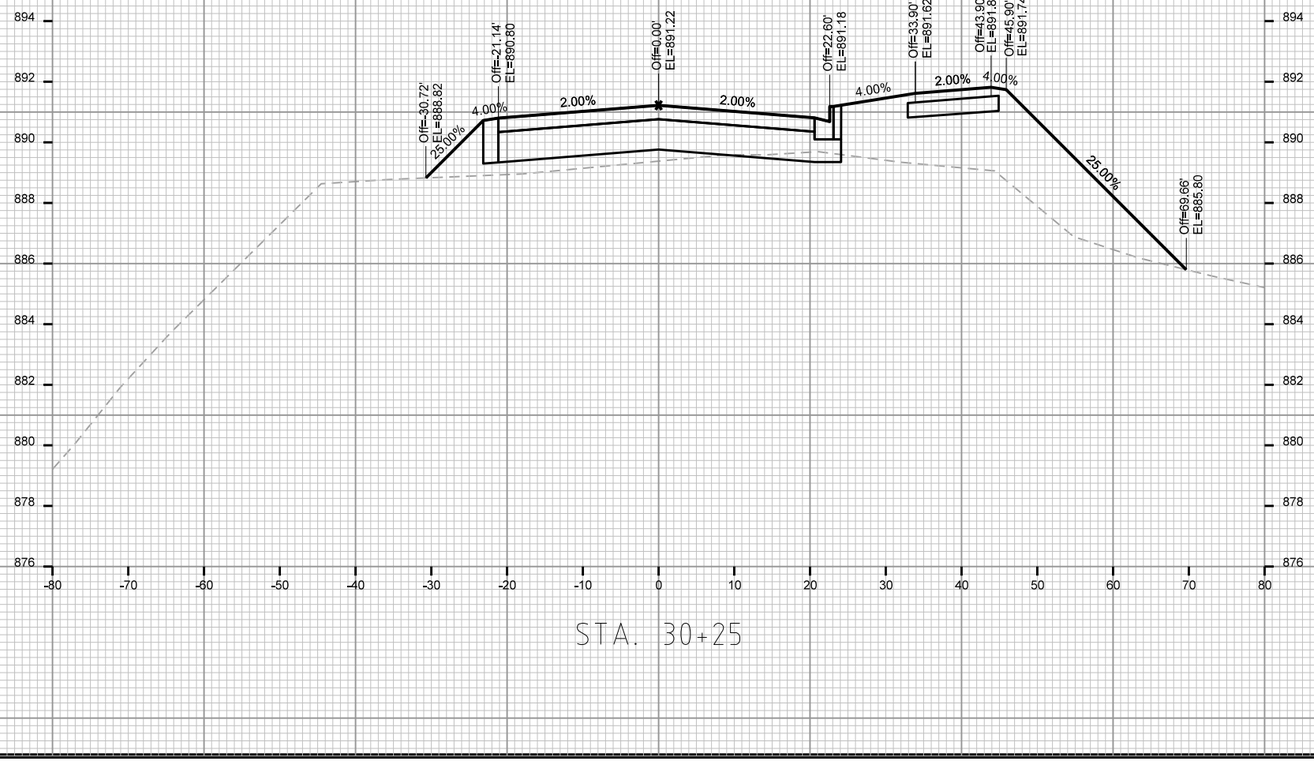
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-10
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



STA. 30+25

FT

FT

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-11
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

STA. 30+50

PLOT SCALE: _____

PLOT NAME: _____

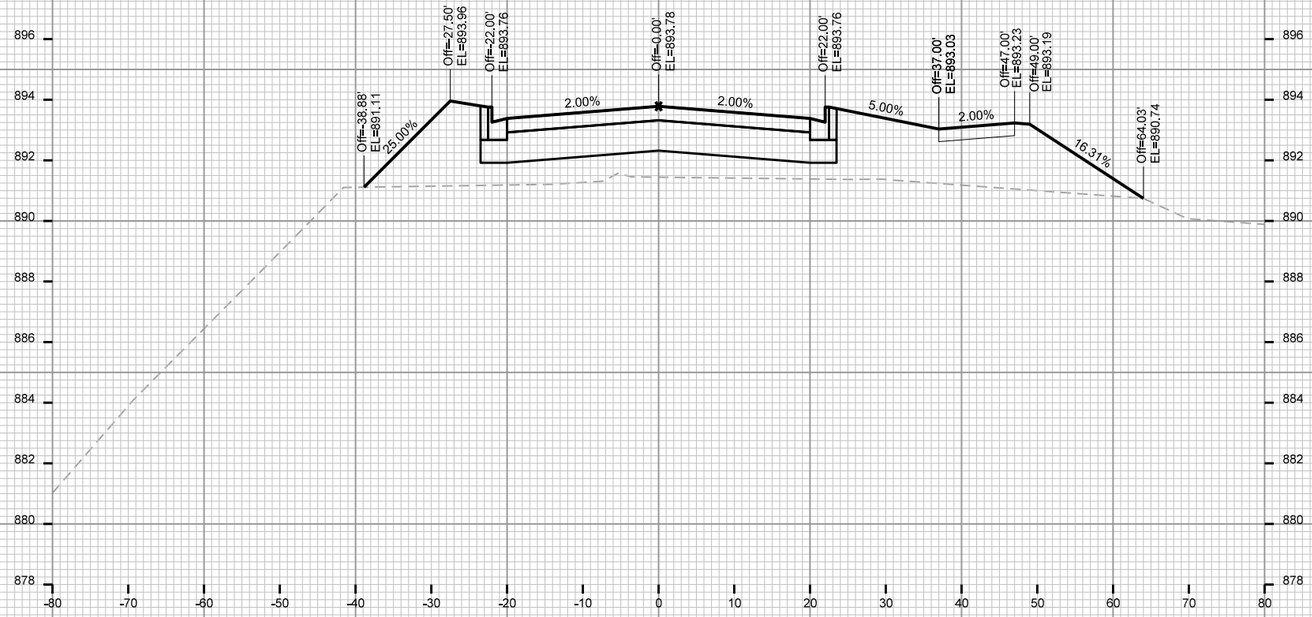
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

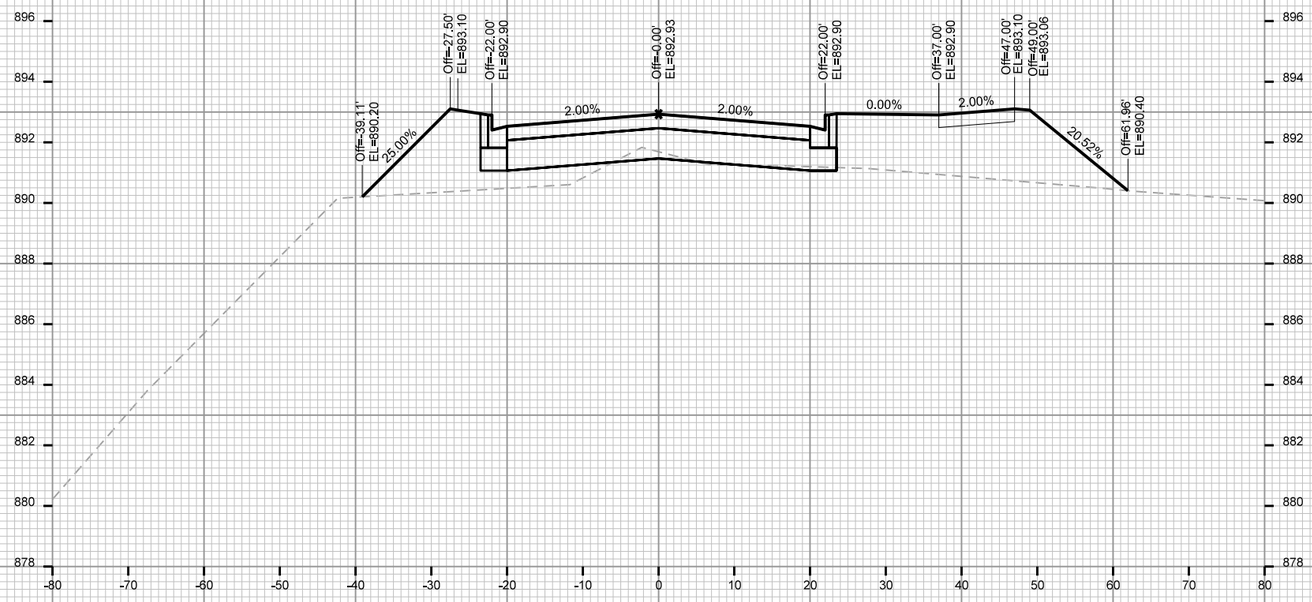
FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

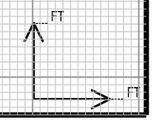
CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-12
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



STA. 31+00



STA. 30+75



PLOT SCALE: ____

PLOT NAME: ____

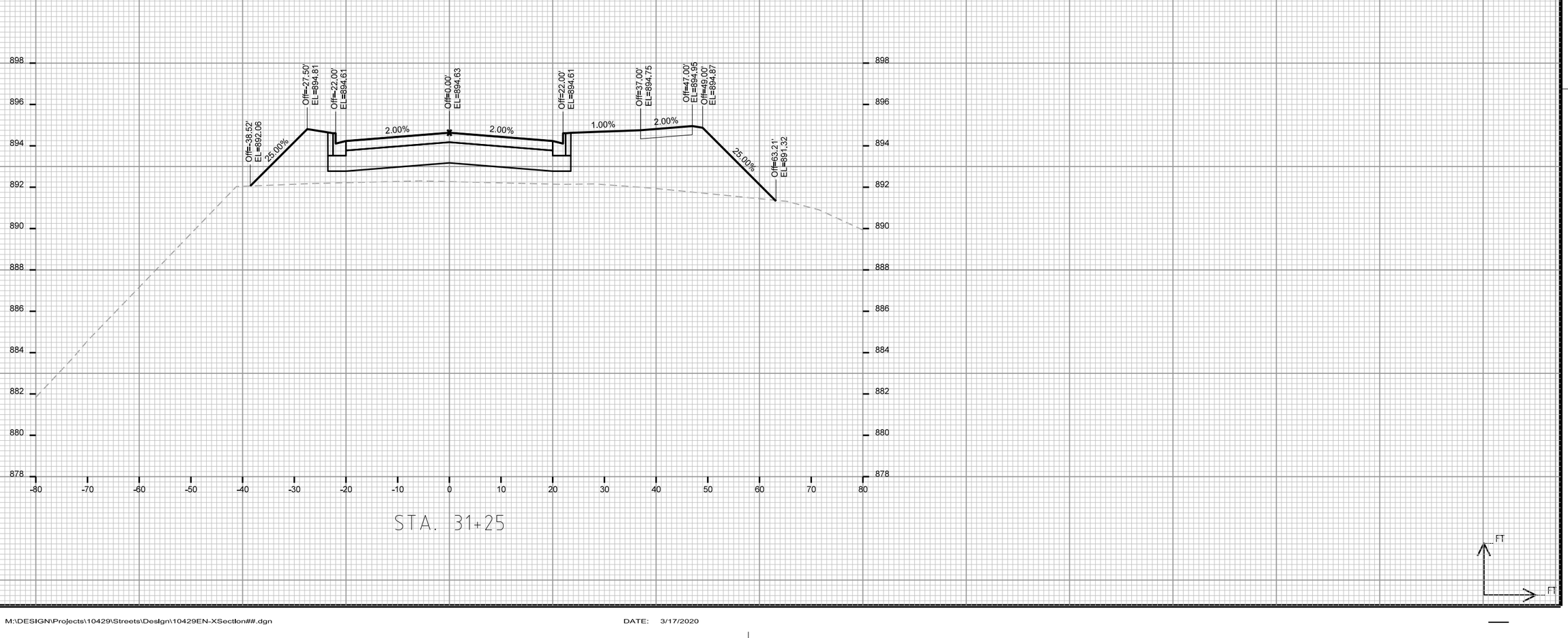
REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-13
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



PLOT SCALE: ——

PLOT NAME: ——

REV. DATE: ——

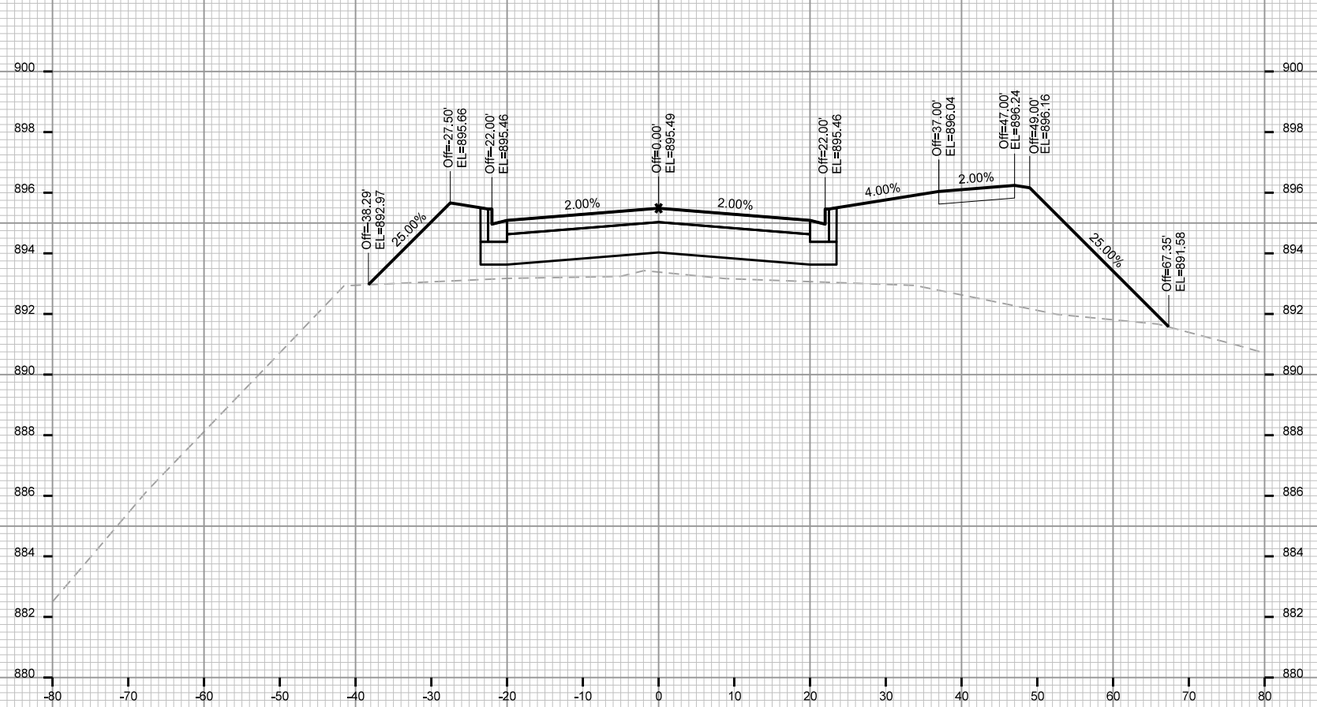
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

—

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-14
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



STA. 31+50

FT
FT

PLOT SCALE: _____

PLOT NAME: _____

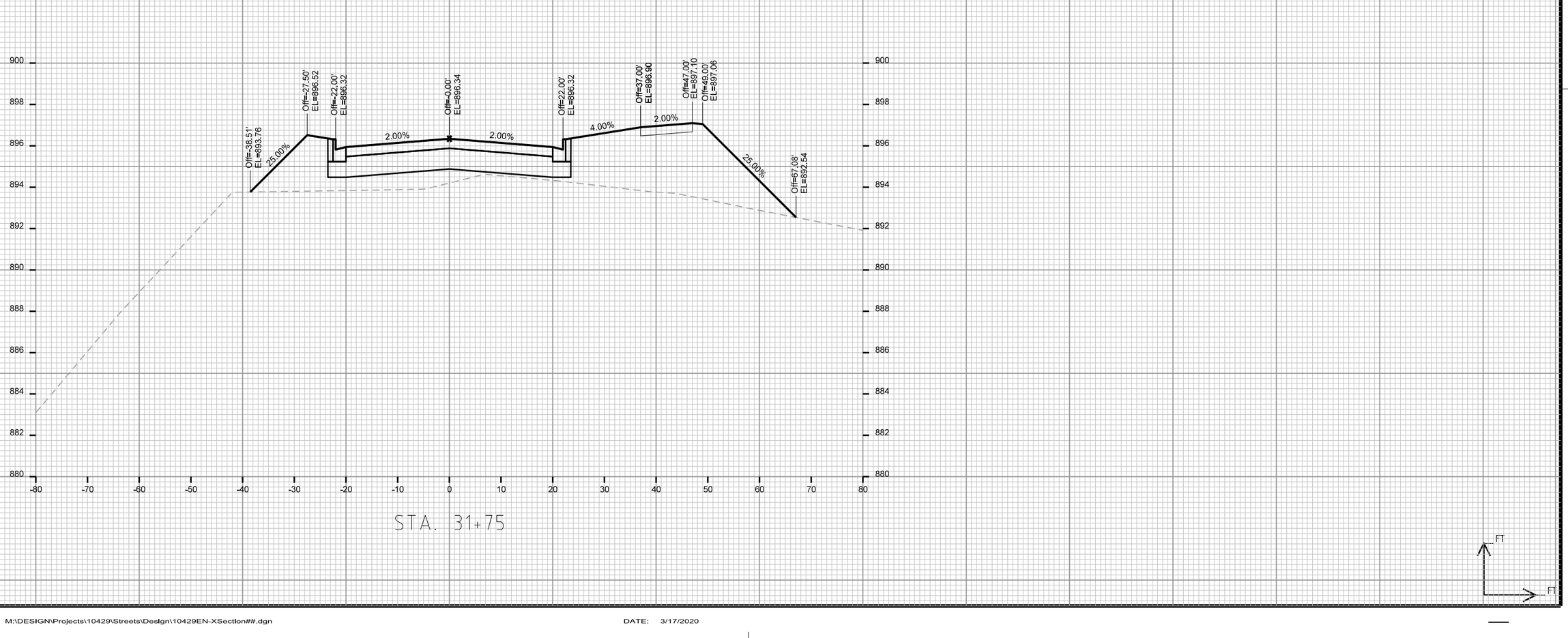
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-15
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

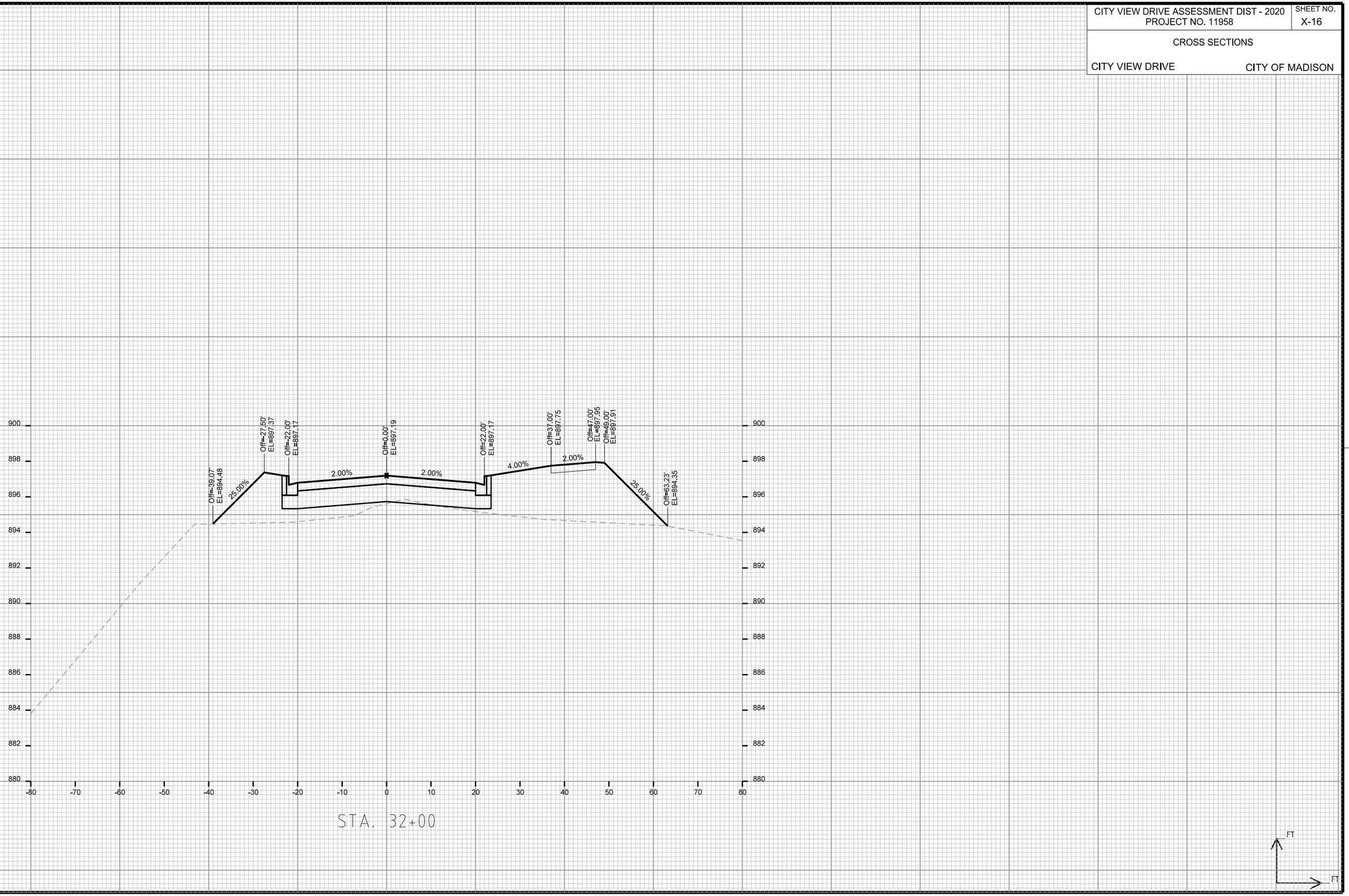
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-16
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

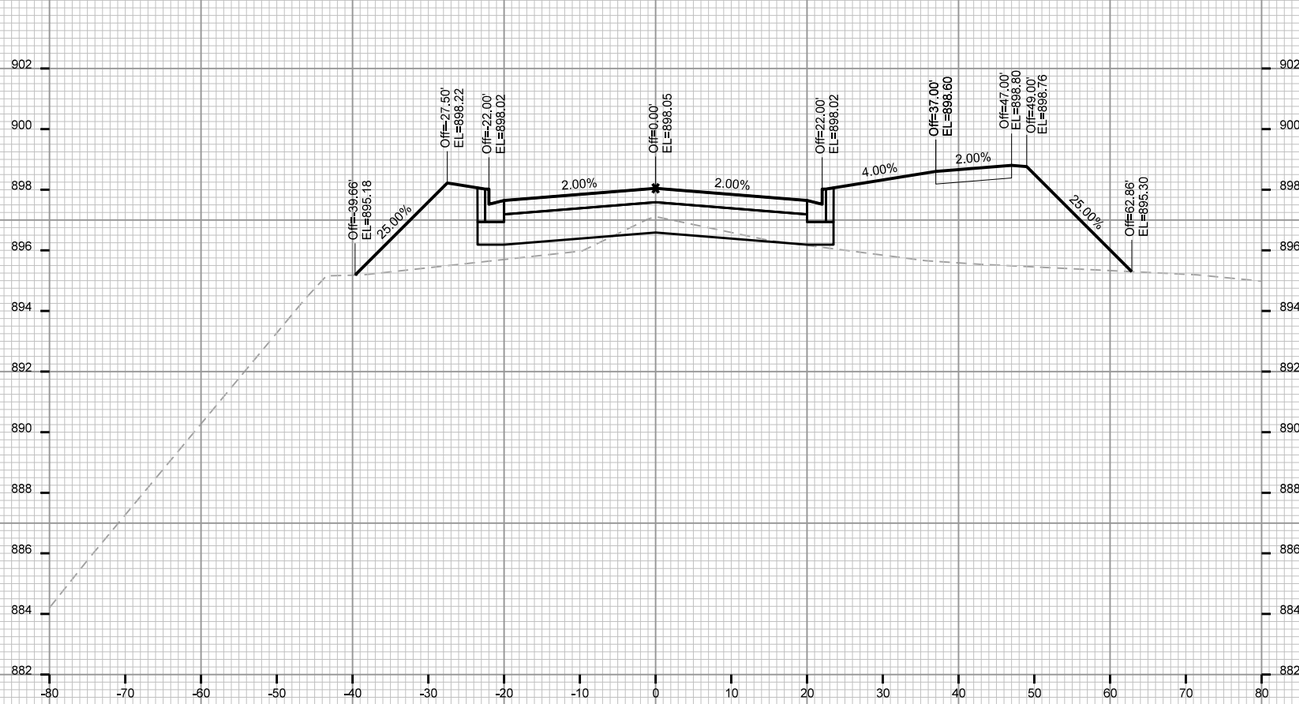
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-17
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



STA. 32+25

FT
FT

PLOT SCALE: _____

PLOT NAME: _____

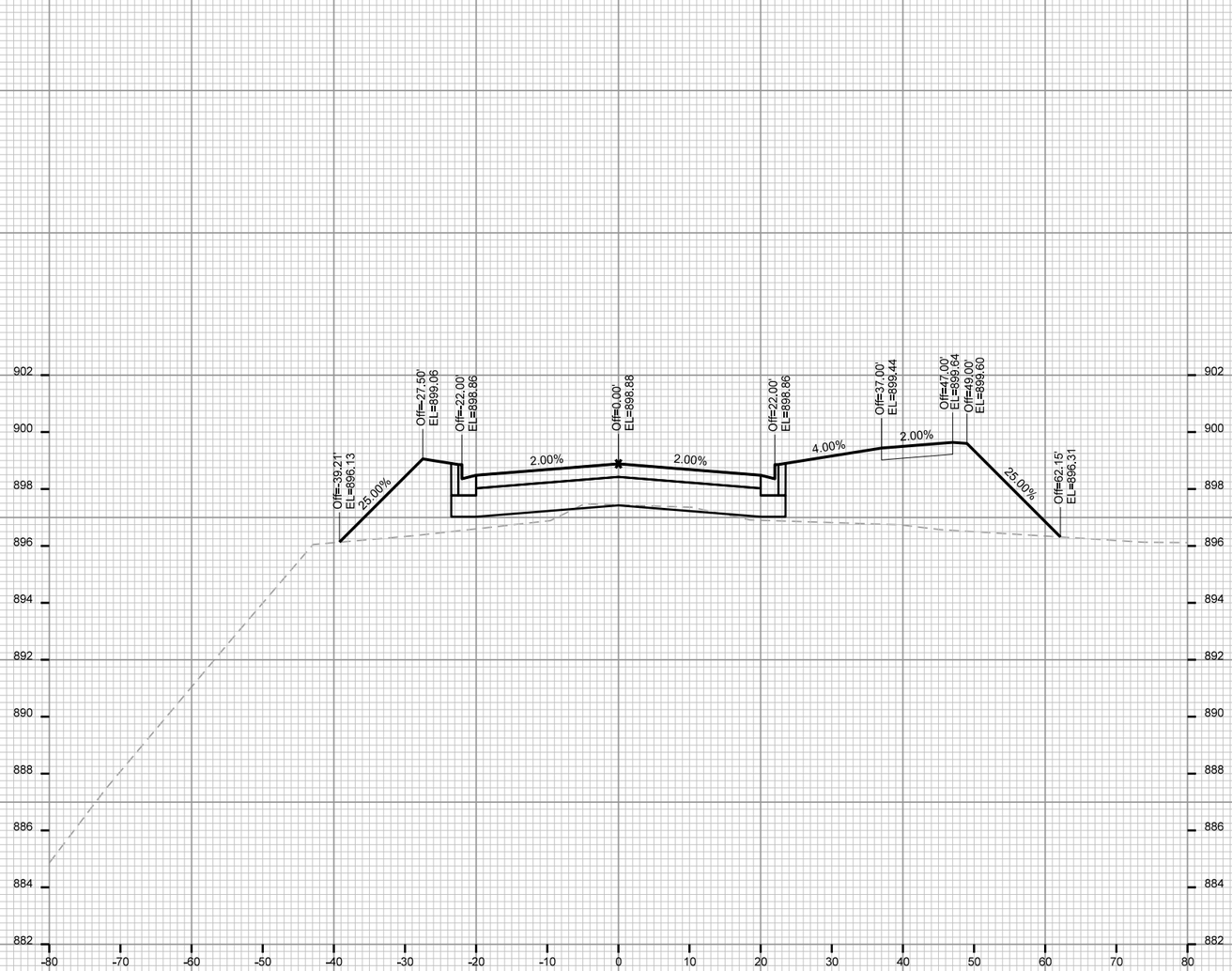
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-18
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



STA. 32+50

FT

FT

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-19
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

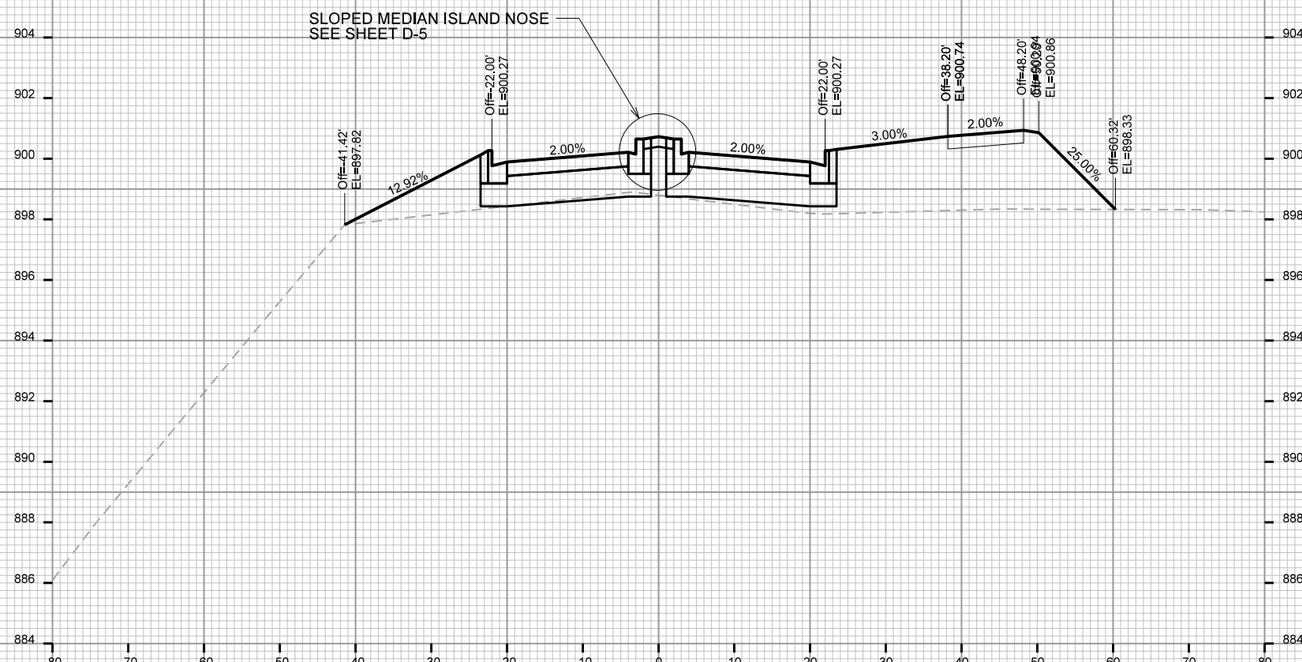
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-20
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



STA. 33+00

FT

FT

PLOT SCALE: ____

PLOT NAME: ____

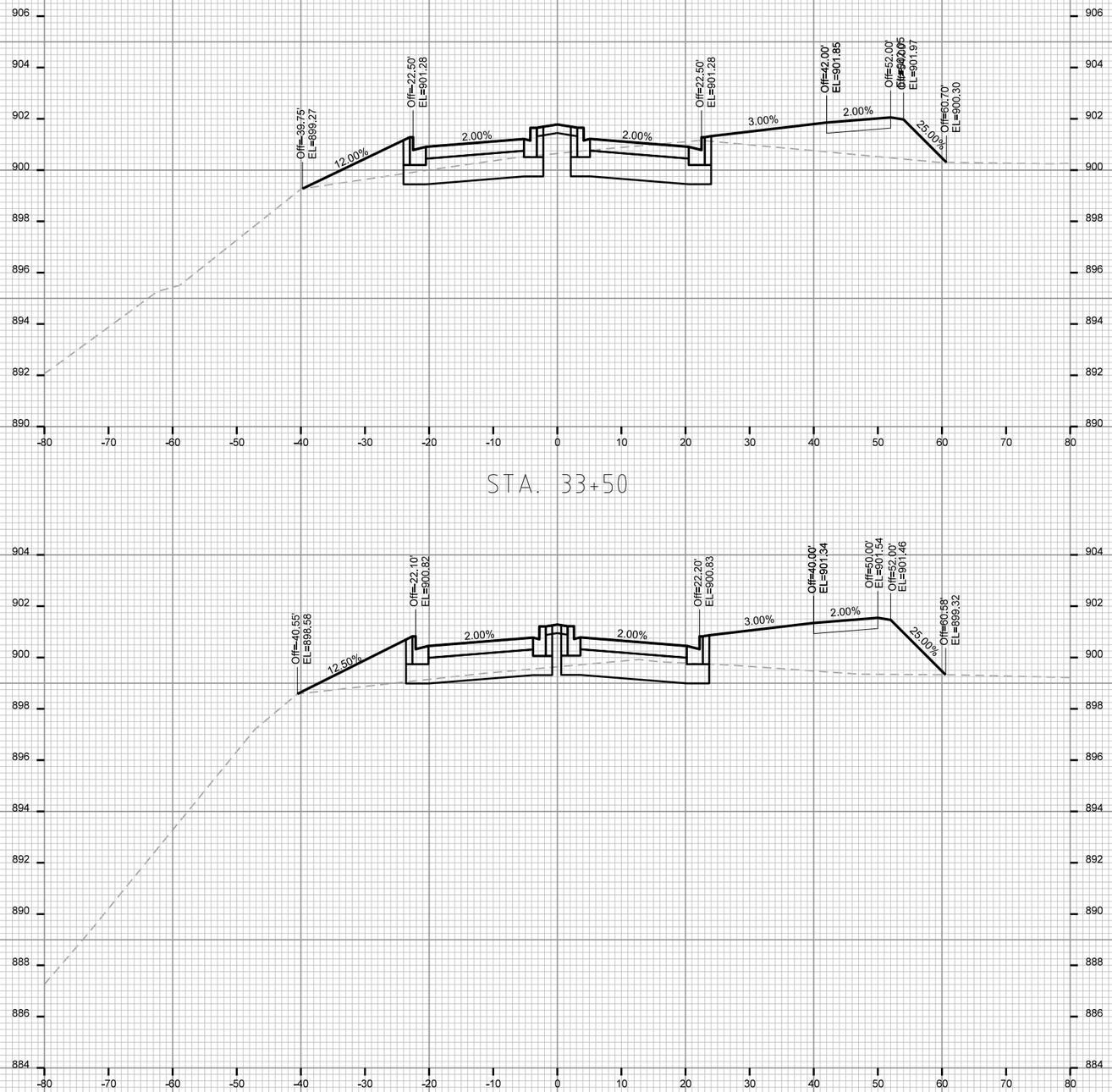
REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-21
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



STA. 33+50

STA. 33+25

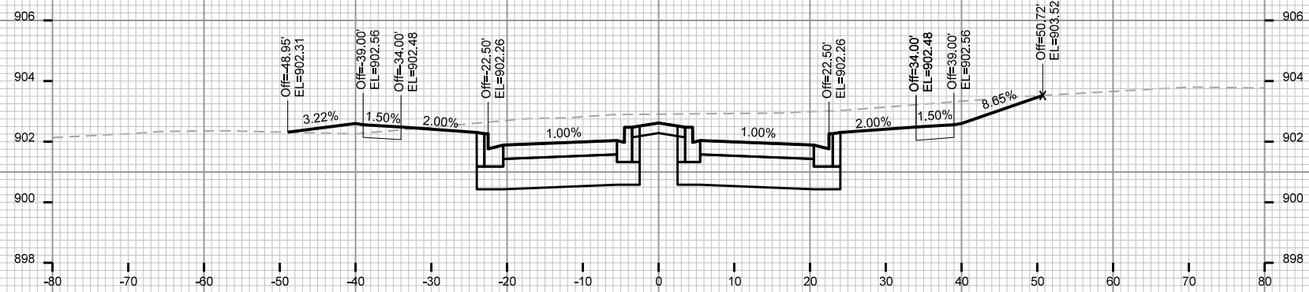
FT
FT

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

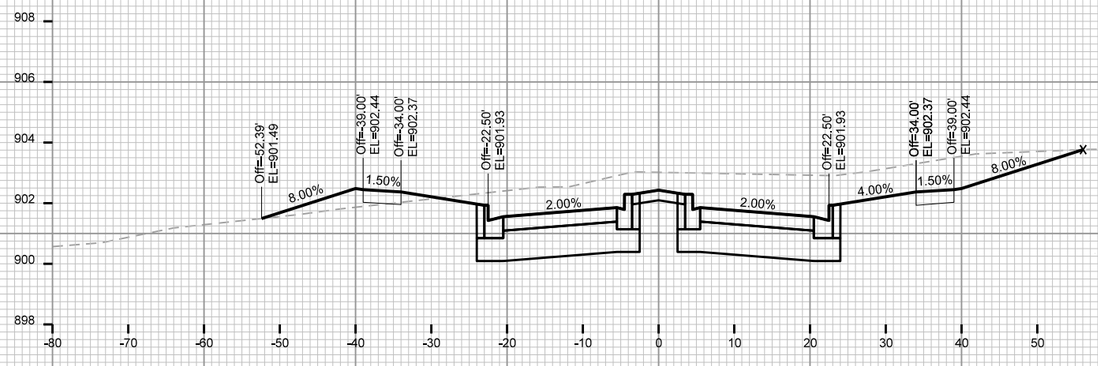
FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

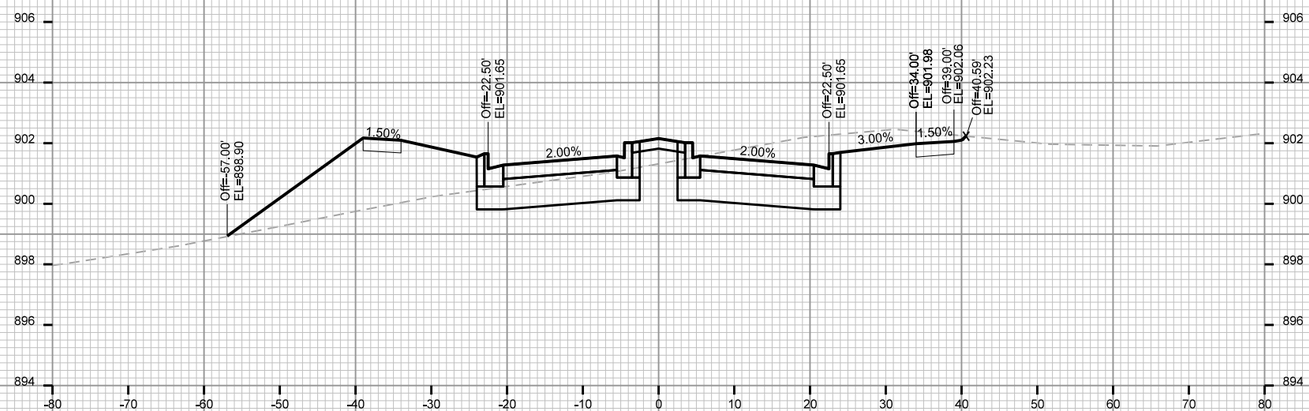
CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-22
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



STA. 34+25



STA. 34+00



STA. 33+75

FT
FT

PLOT SCALE: ____

PLOT NAME: ____

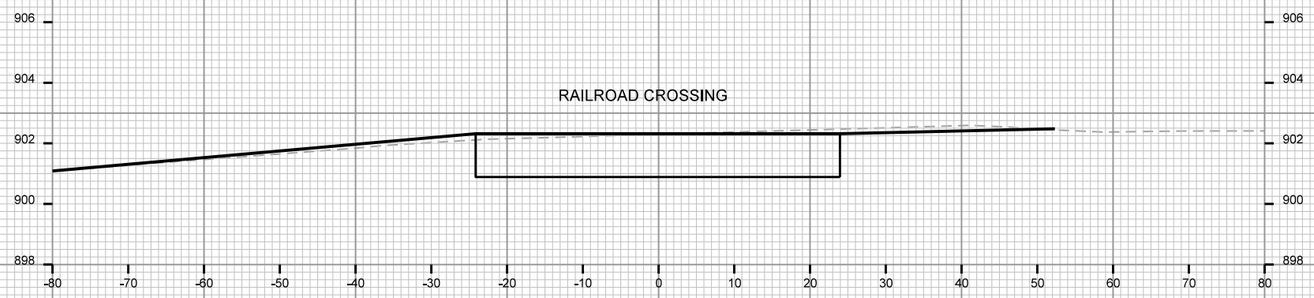
REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

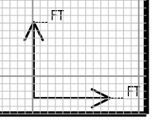
FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-23
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON



STA. 34+50



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

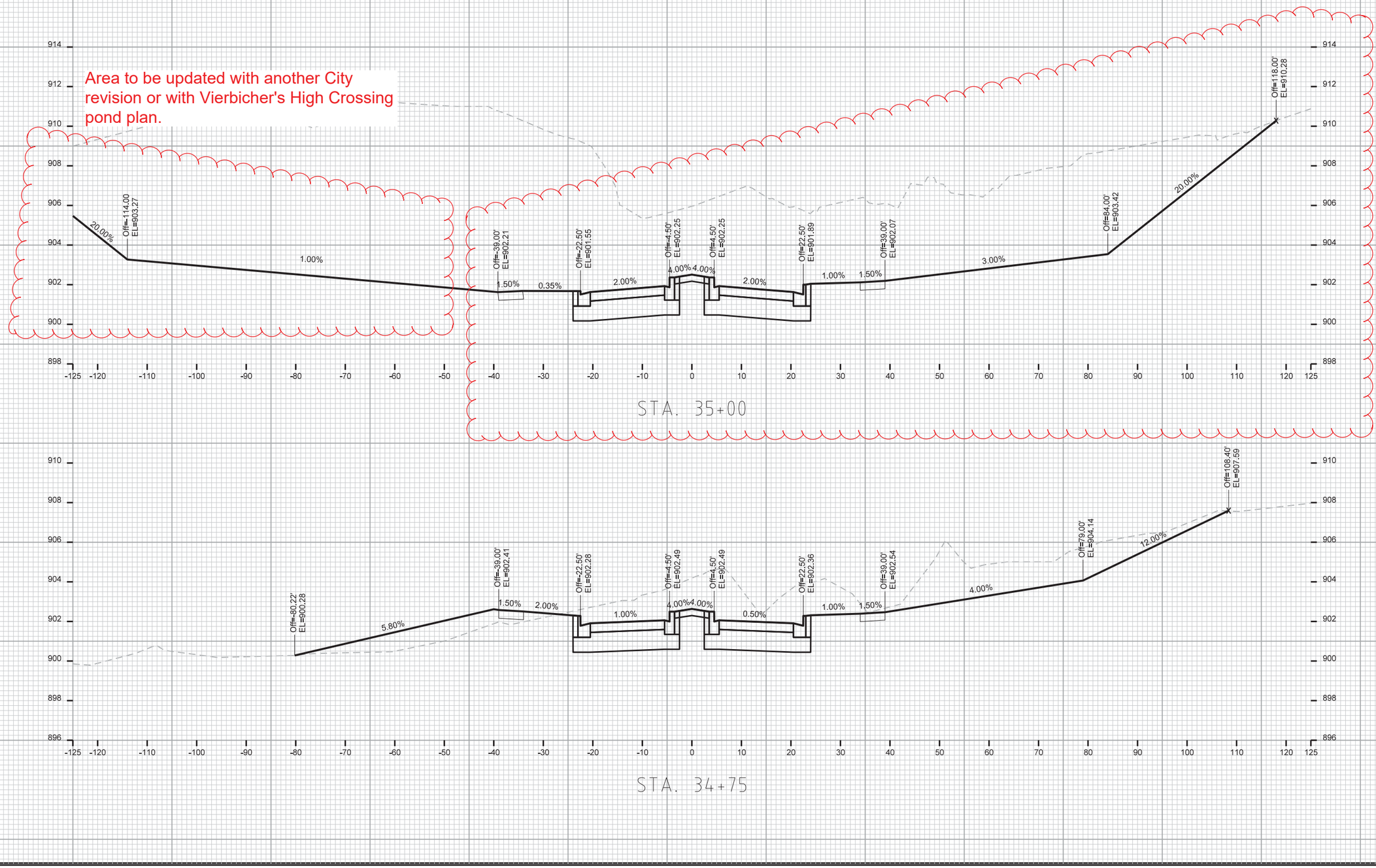
FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 3/17/2020

REVISION 8/21/20 AJZ
- Revised City View cross sections

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-24
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

Area to be updated with another City revision or with Vierbicher's High Crossing pond plan.



STA. 35+00

STA. 34+75

FT
FT

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

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 8/19/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020
PROJECT NO. 11958

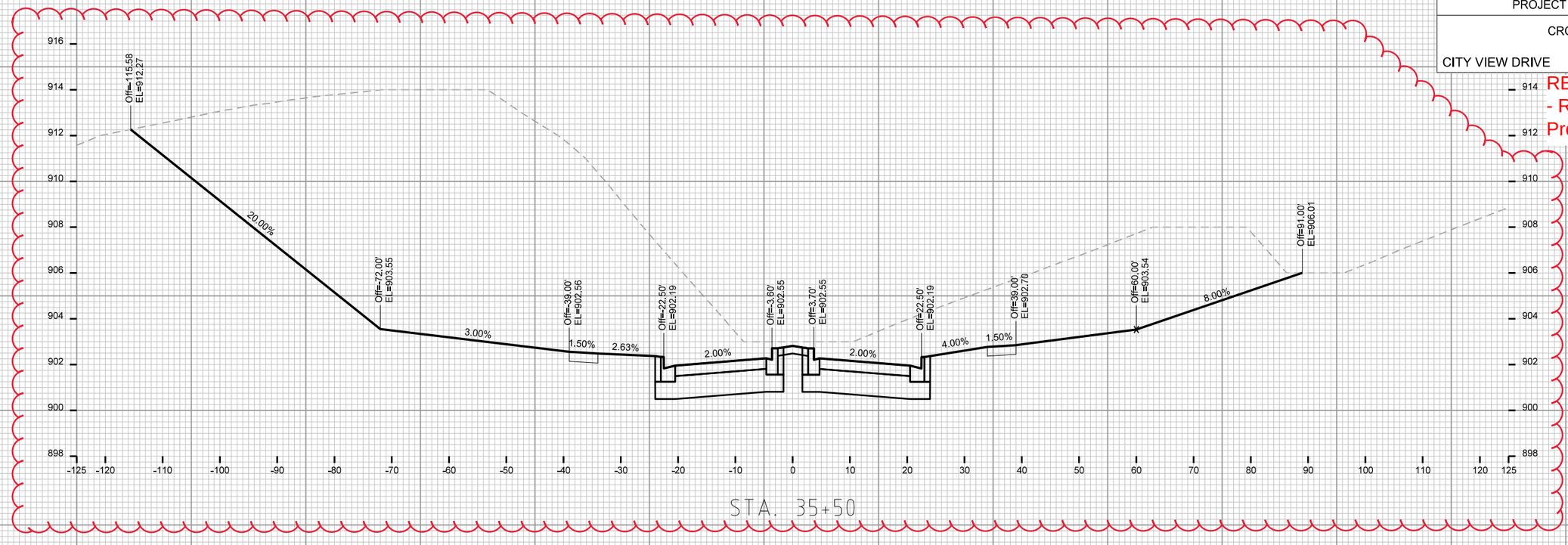
SHEET NO.
X-25

CROSS SECTIONS

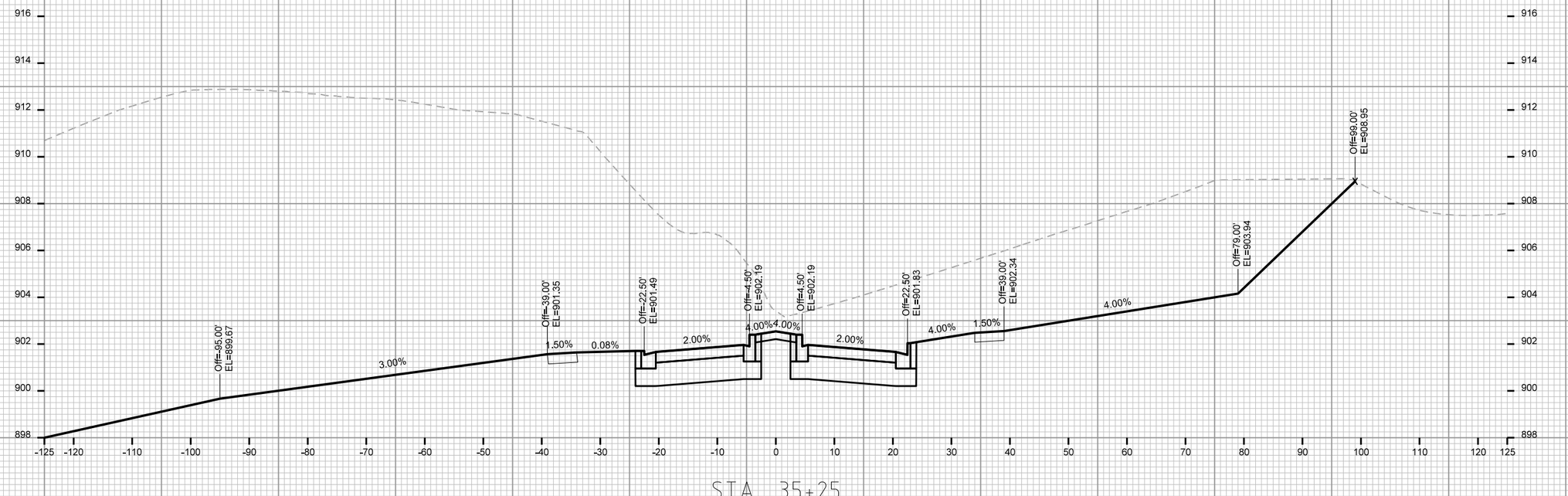
CITY VIEW DRIVE

CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile



STA. 35+50



STA. 35+25

FT
FT

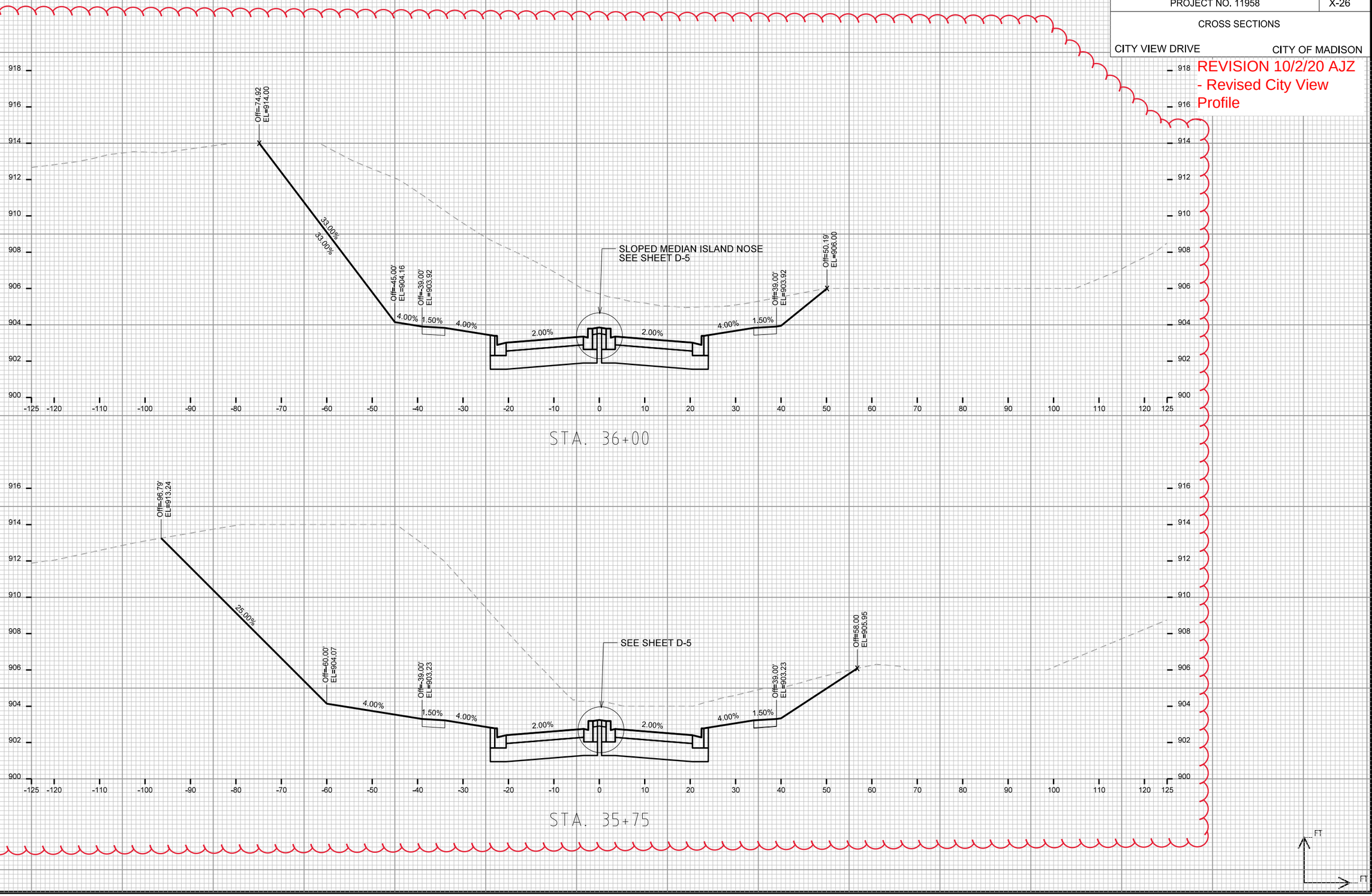
PLOT SCALE: ____
PLOT NAME: ____
REV. DATE: ____
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-26
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile



PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

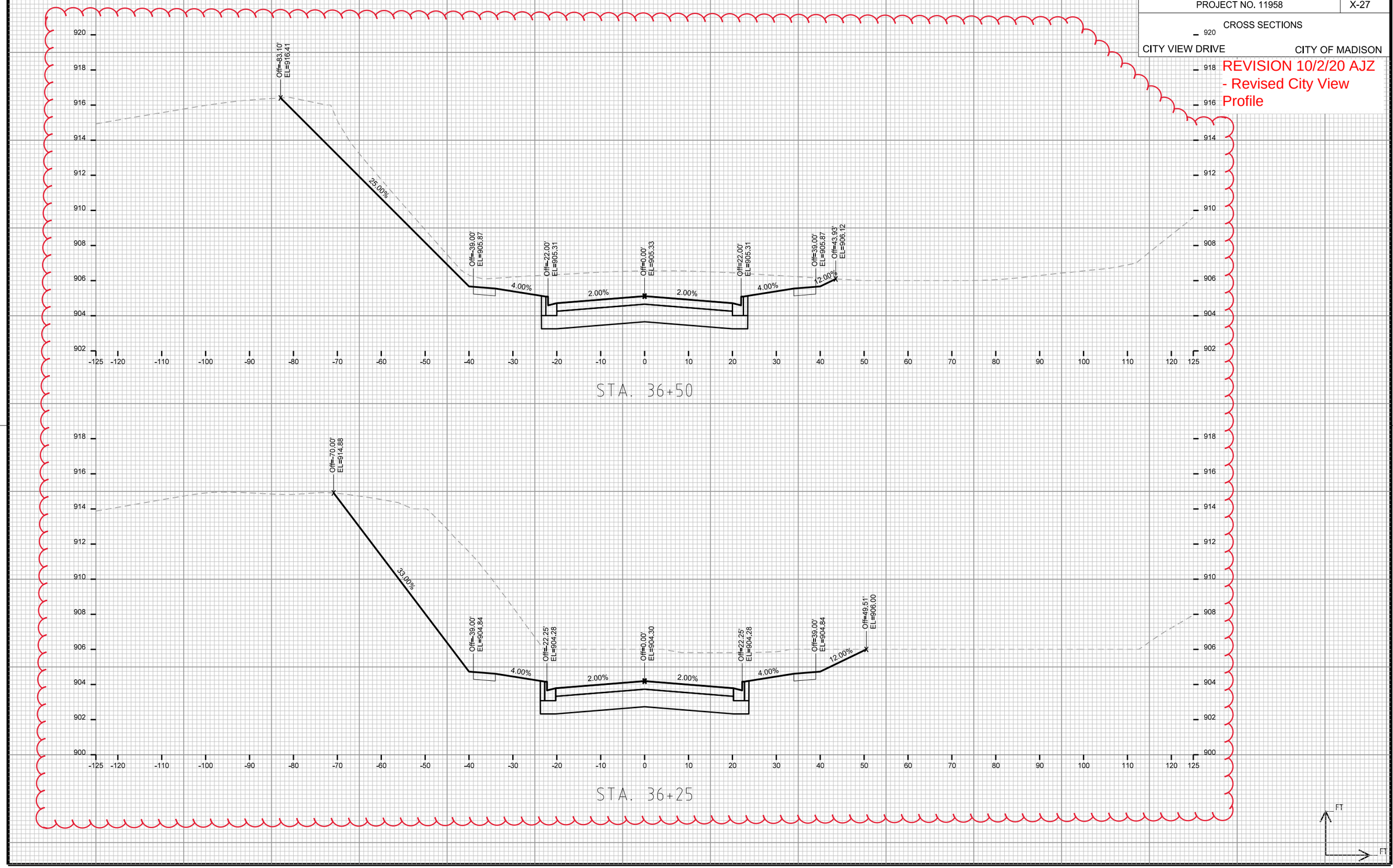
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-27
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile



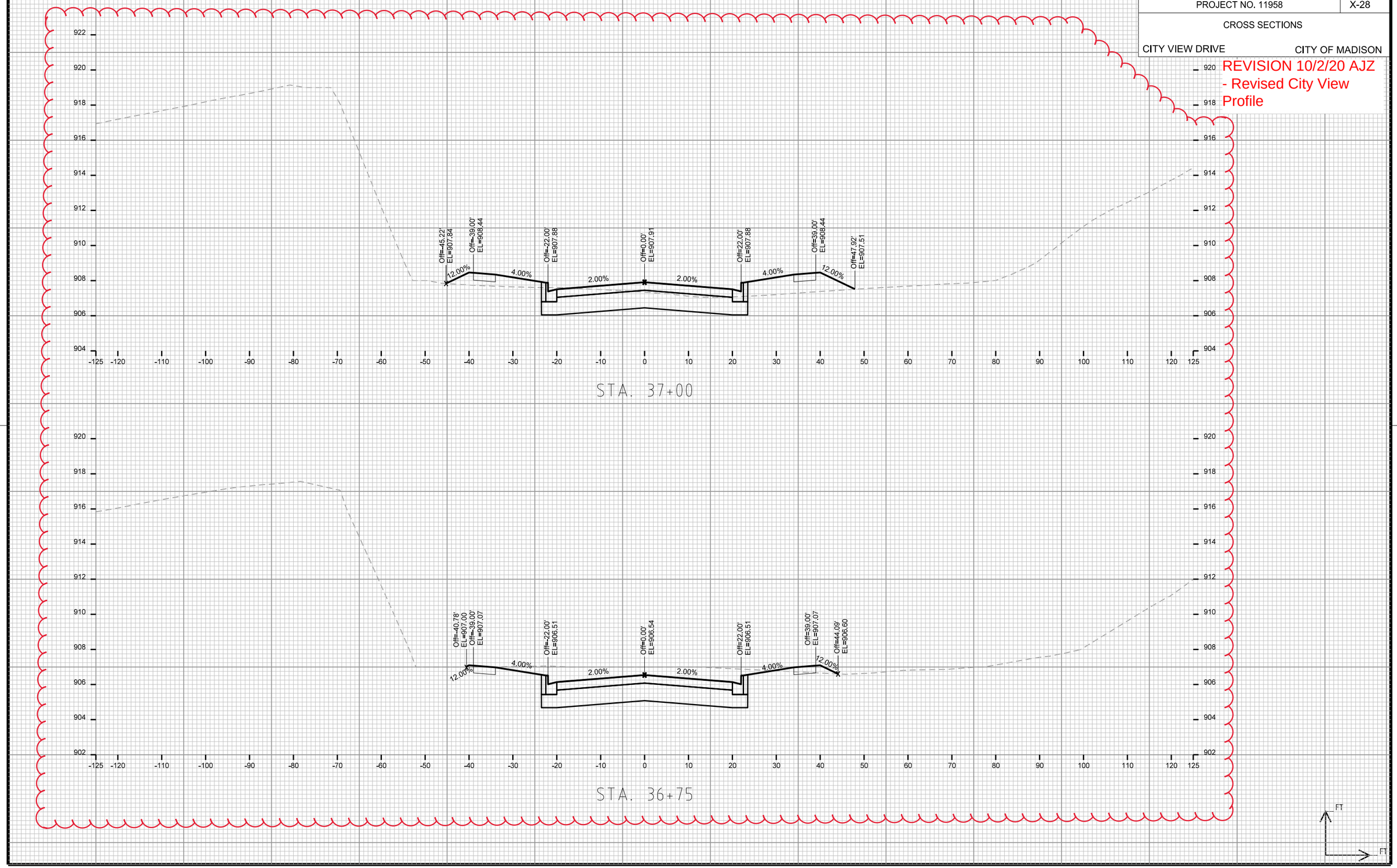
PLOT SCALE: ____
PLOT NAME: ____
REV. DATE: ____
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 9/14/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-28
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile



PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

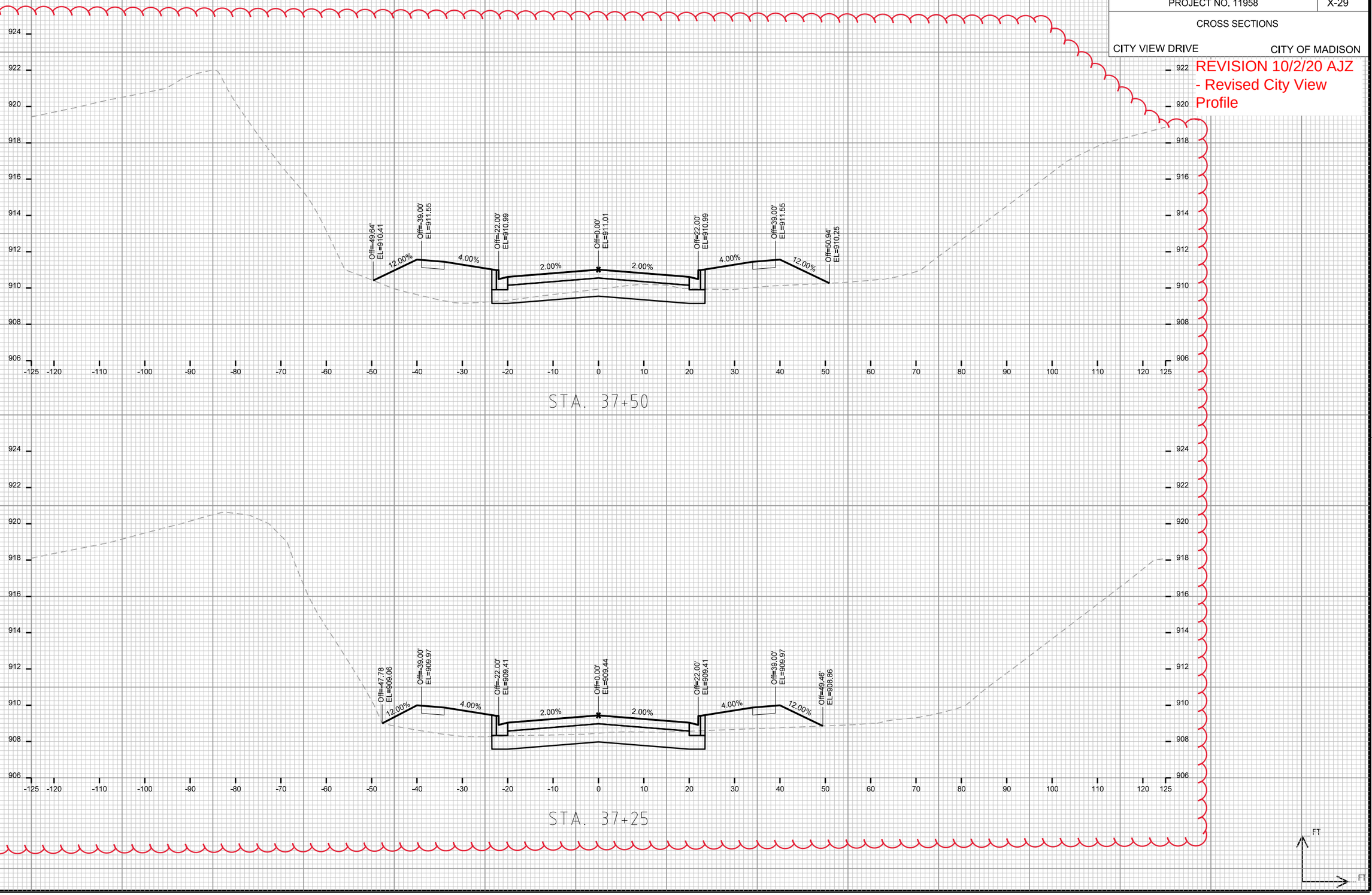
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-29
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile



PLOT SCALE: ____

PLOT NAME: ____

REV: DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020
PROJECT NO. 11958

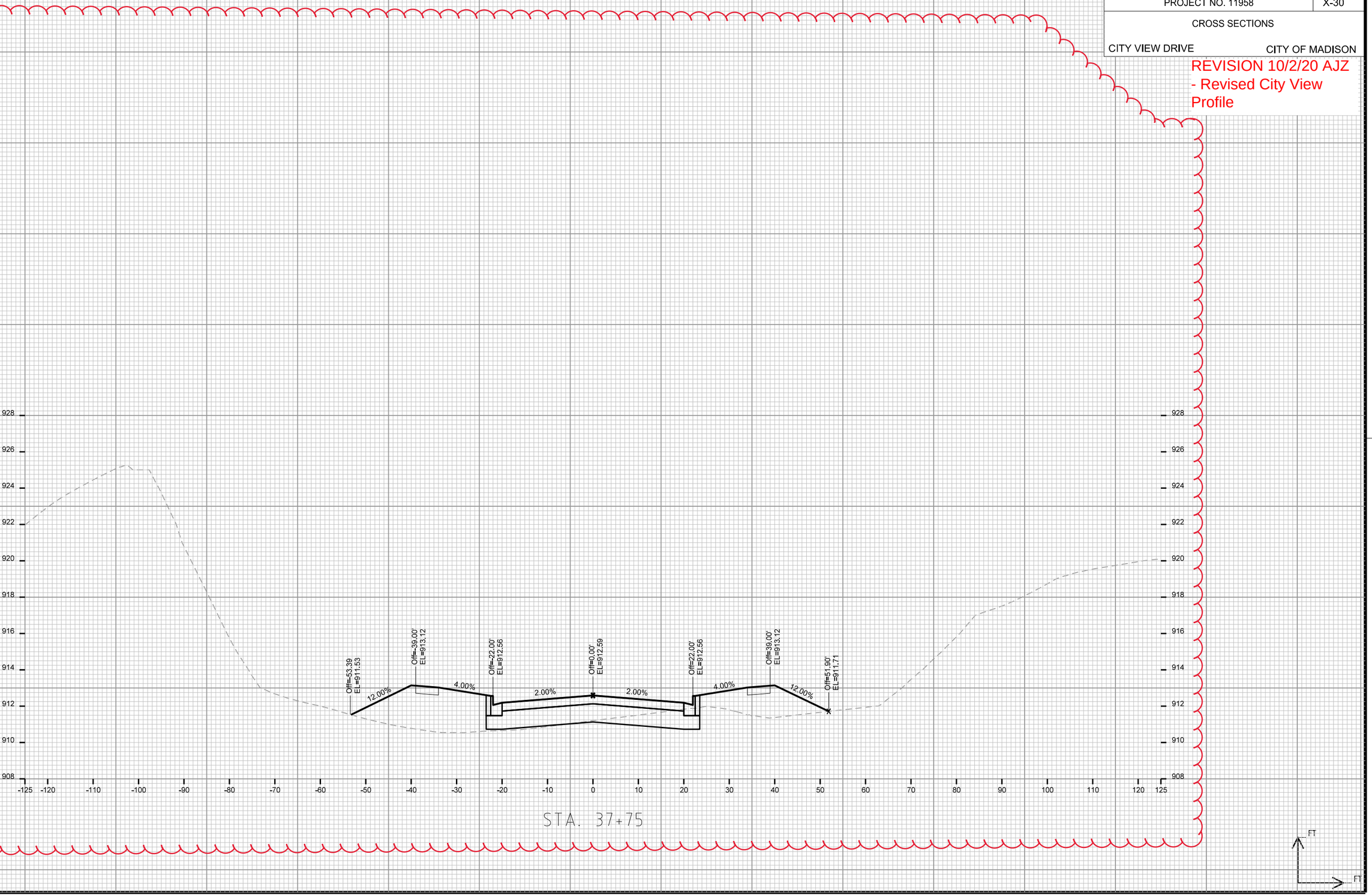
SHEET NO.
X-30

CROSS SECTIONS

CITY VIEW DRIVE

CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile



PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

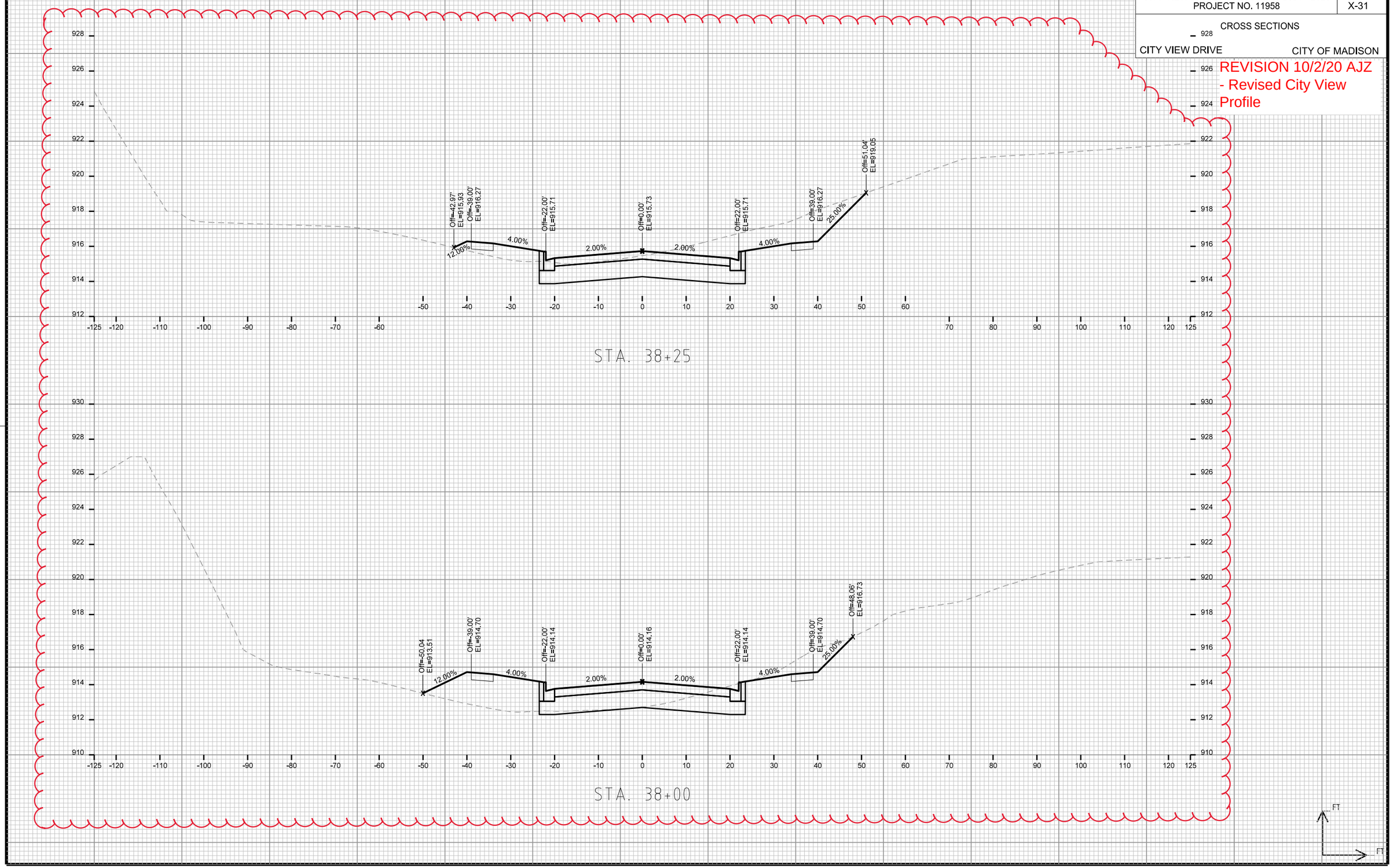
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-31
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile



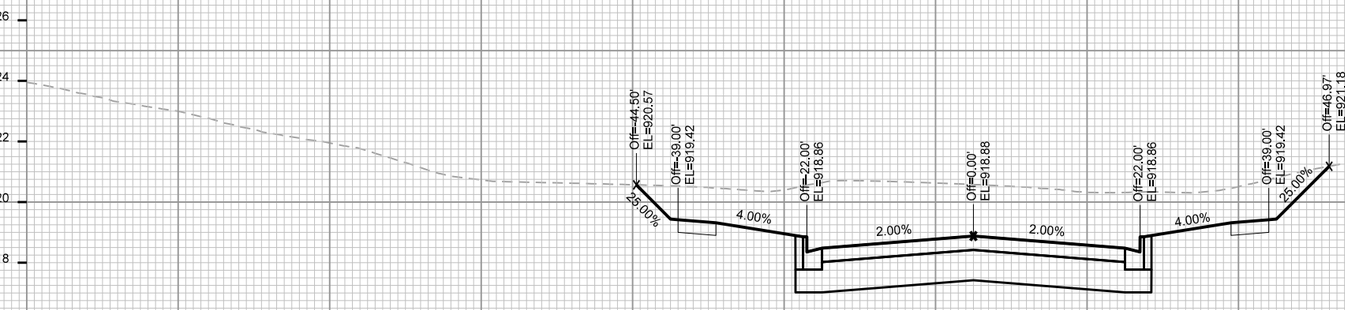
PLOT SCALE: ——
PLOT NAME: ——
REV. DATE: ——
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

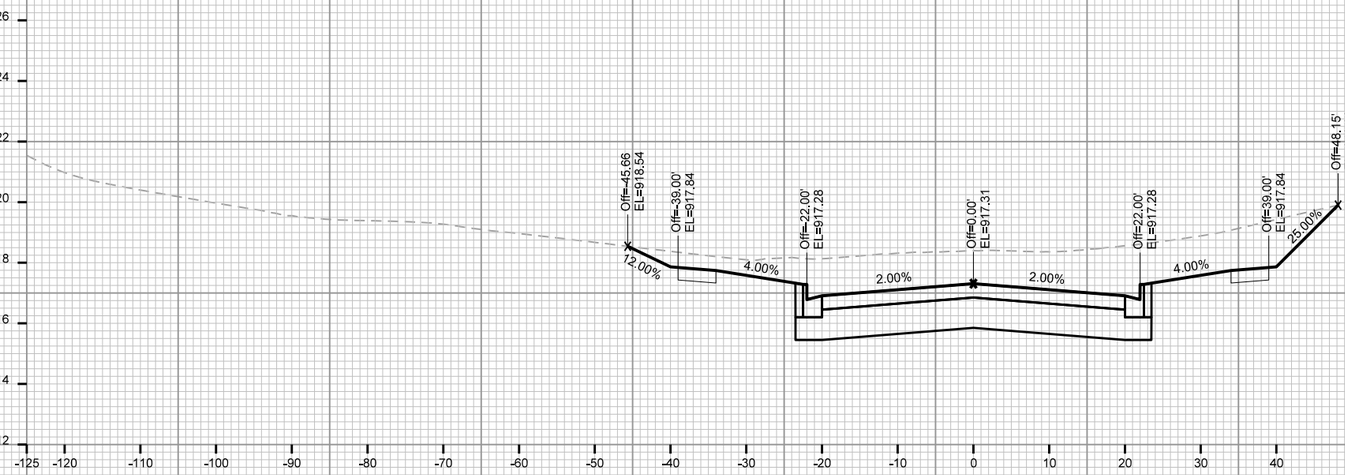
DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-32
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile



STA. 38+75



STA. 38+50

FT
FT

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

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn
DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-33
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile

PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

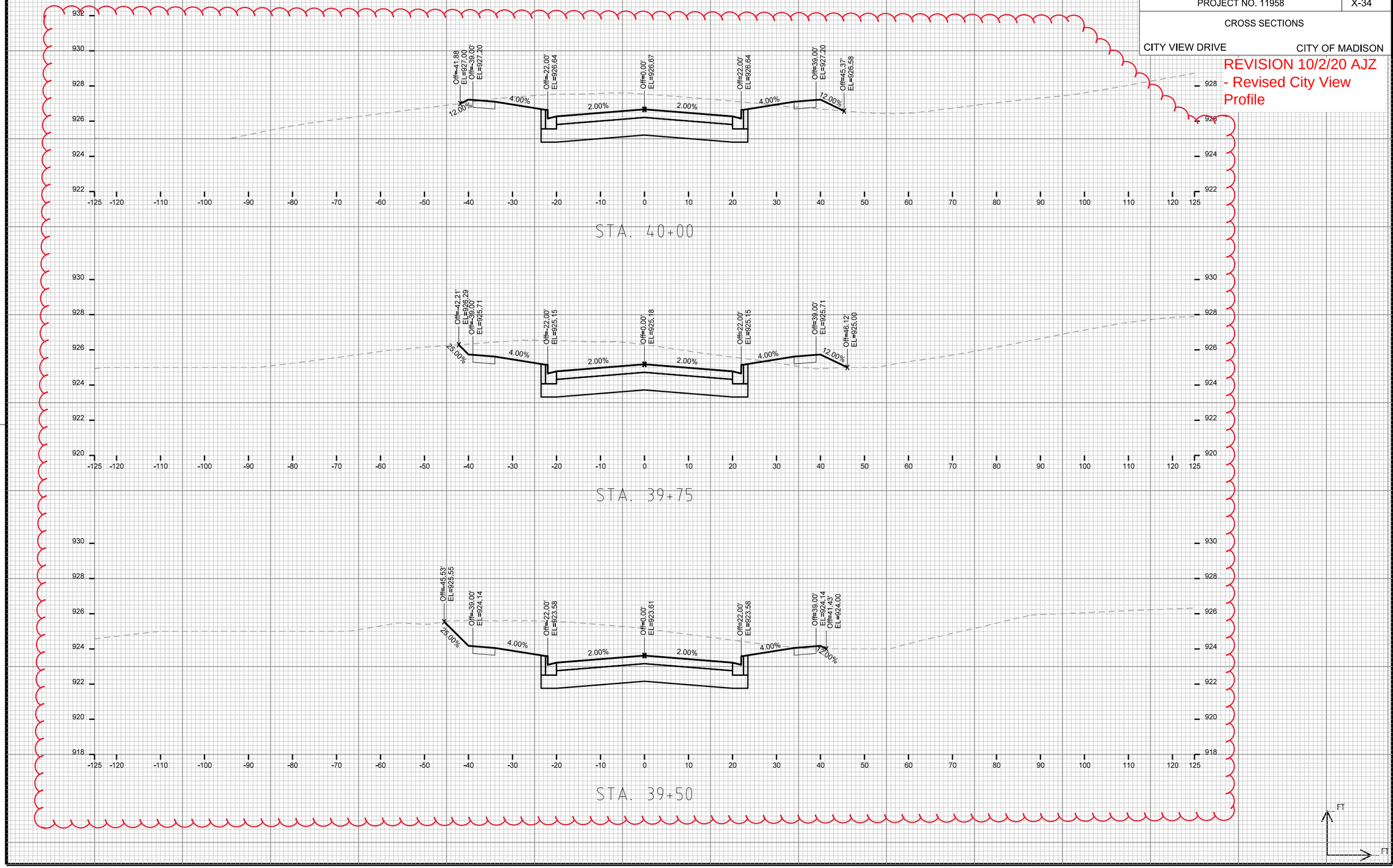
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-34
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile



PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

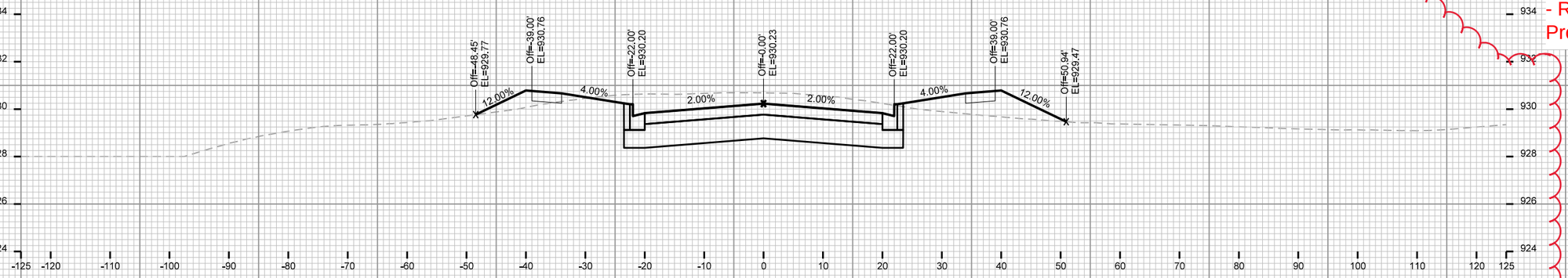
ORIGINATOR: CITY OF MADISON STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

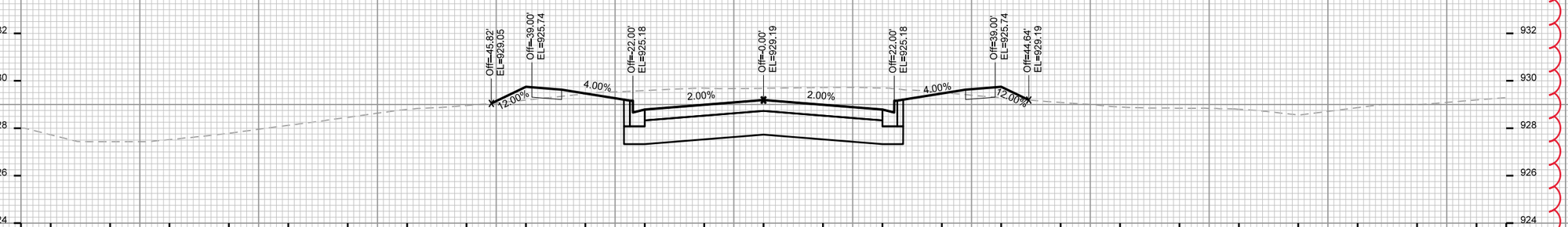
DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-35
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

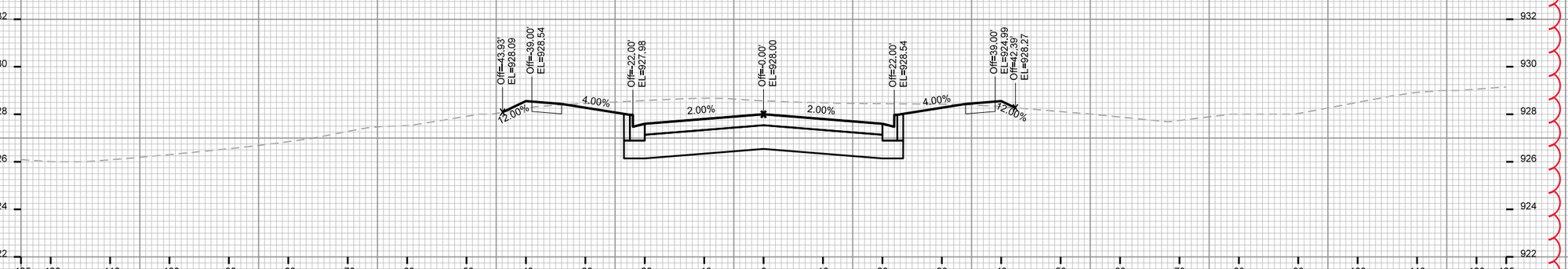
REVISION 10/2/20 AJZ
- Revised City View Profile



STA. 40+75



STA. 40+50



STA. 40+25

FT
FT

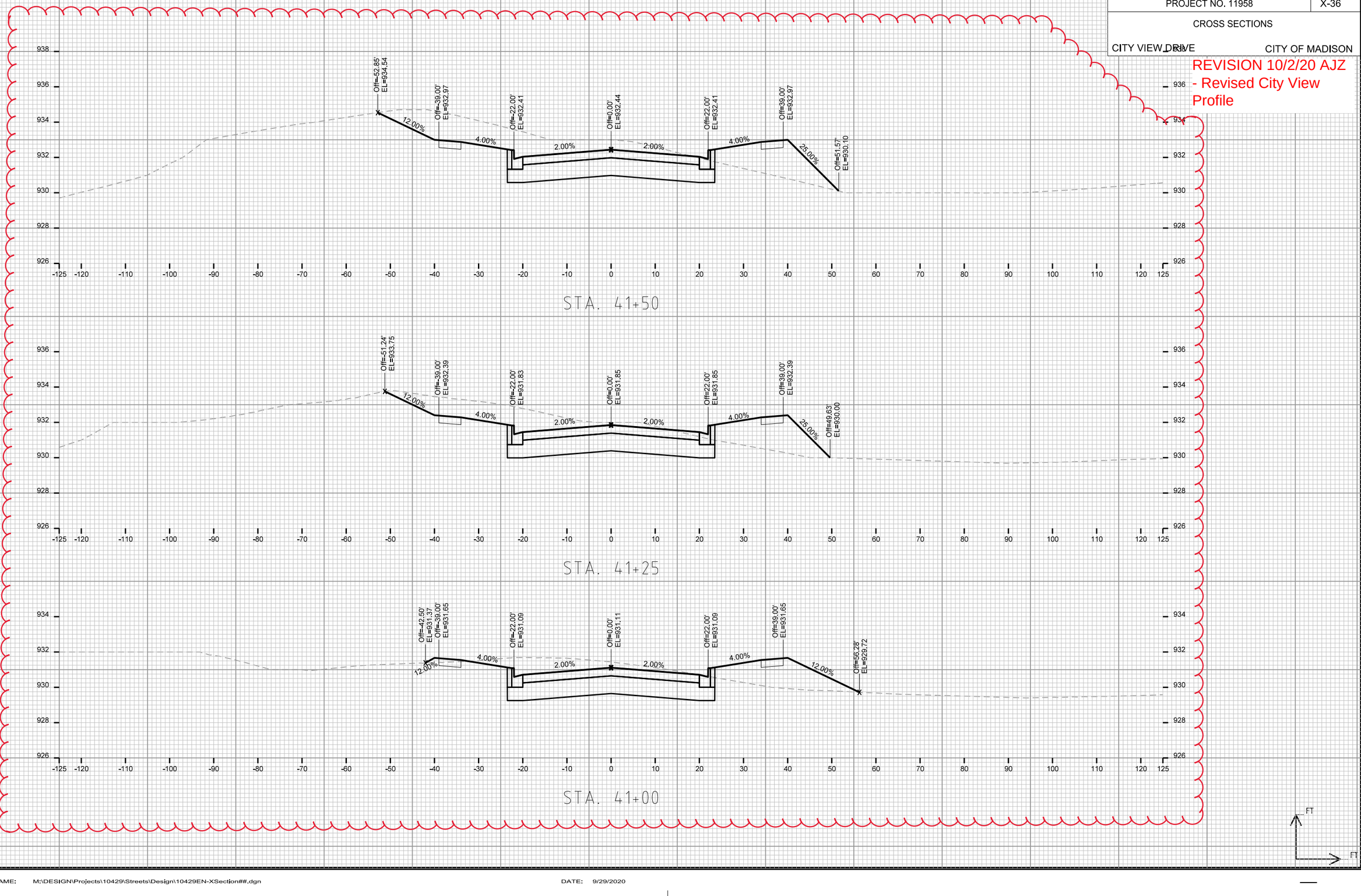
PLOT SCALE: ____
PLOT NAME: ____
REV. DATE: ____
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-36
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile



PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

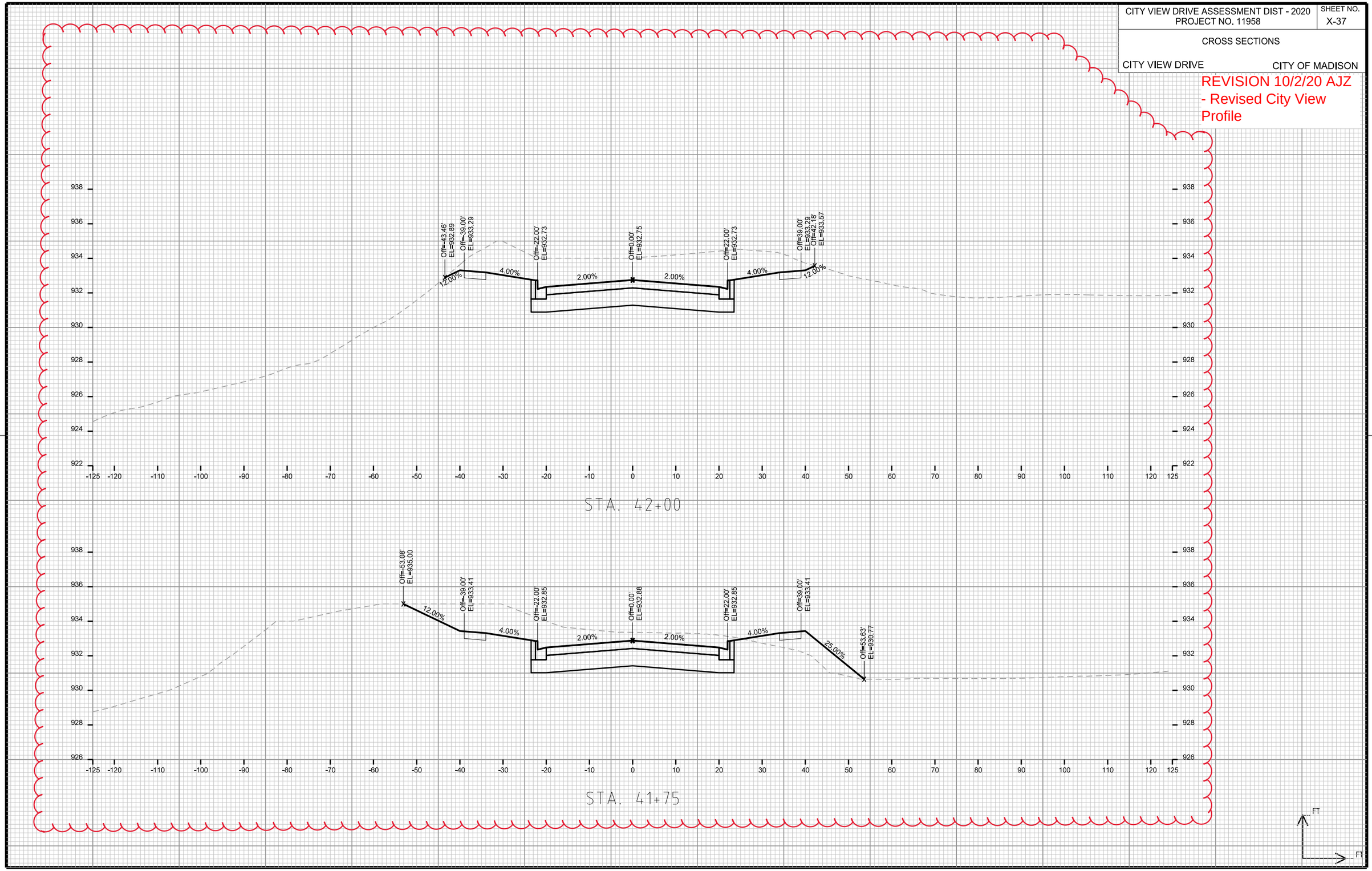
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-37
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile



PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

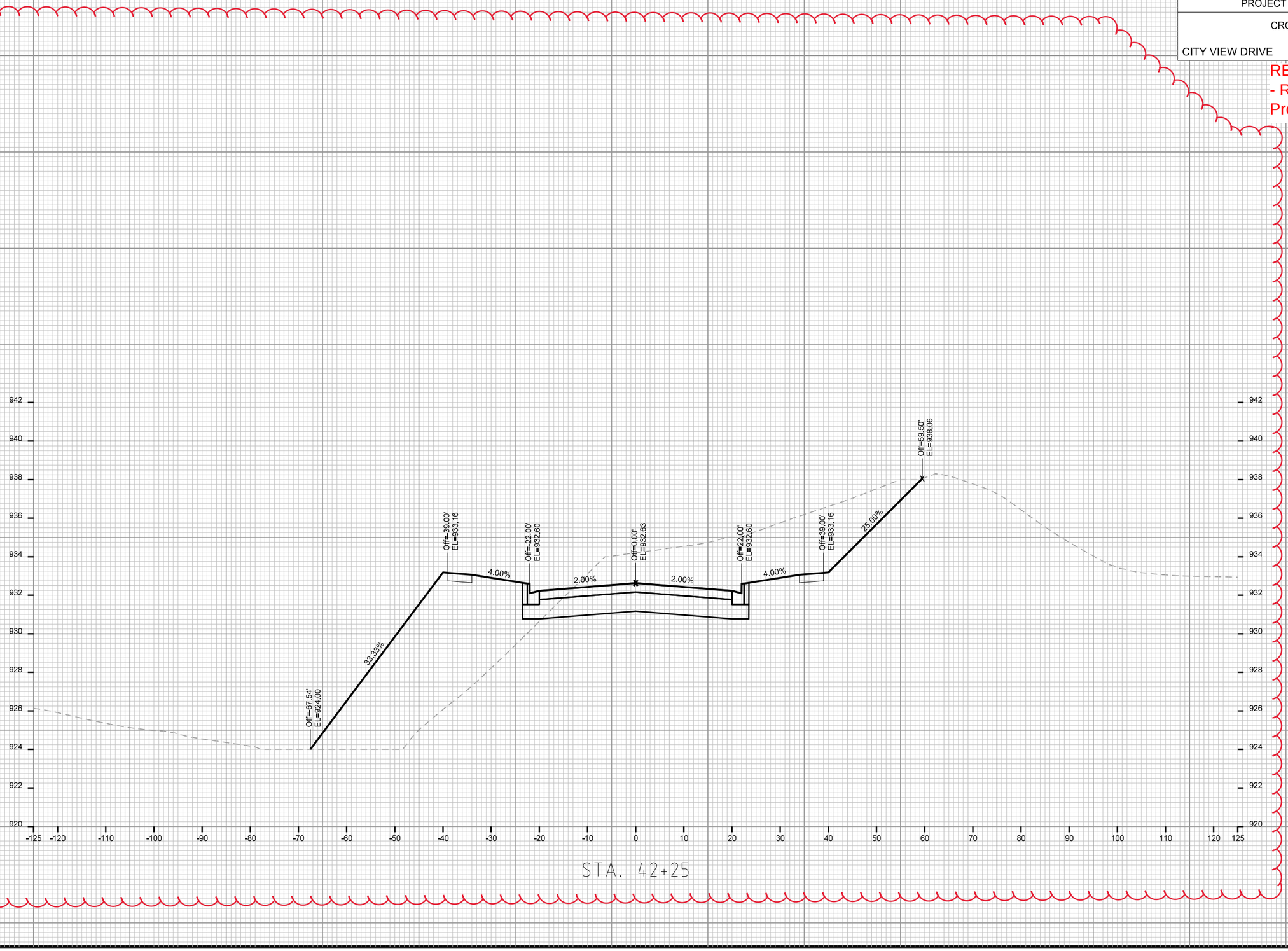
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-38
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile



PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

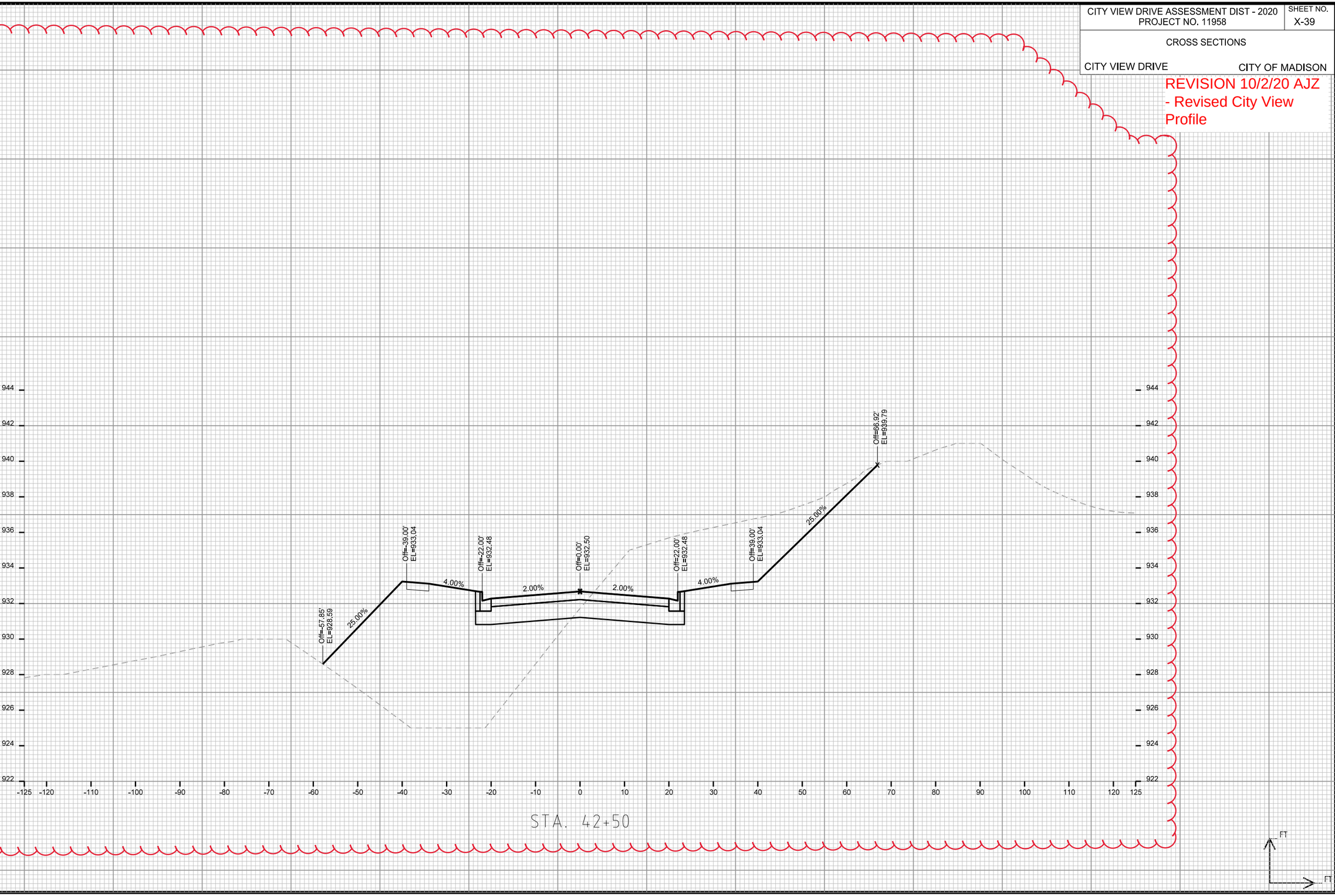
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-39
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile



PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020
PROJECT NO. 11958

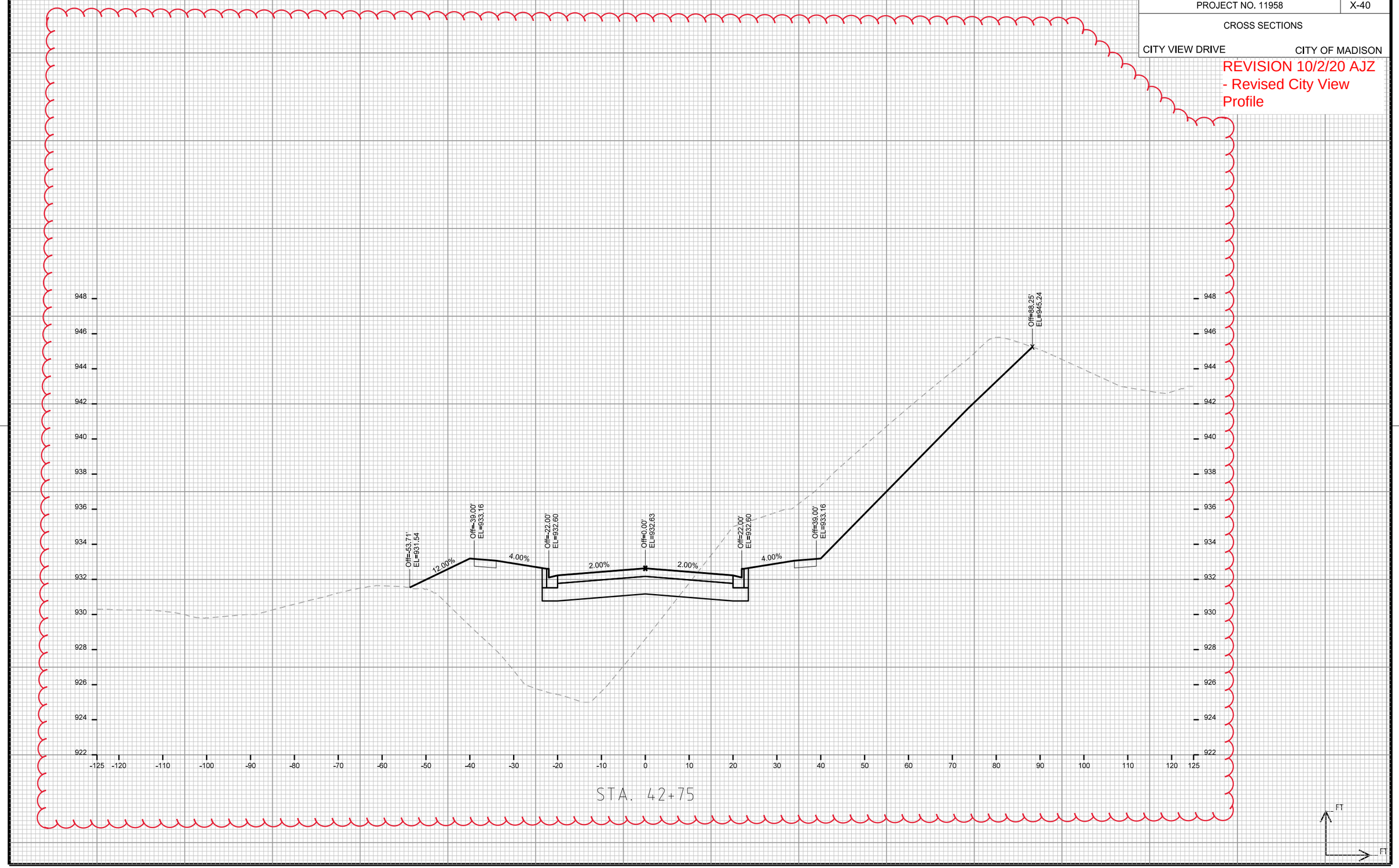
SHEET NO.
X-40

CROSS SECTIONS

CITY VIEW DRIVE

CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile



PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

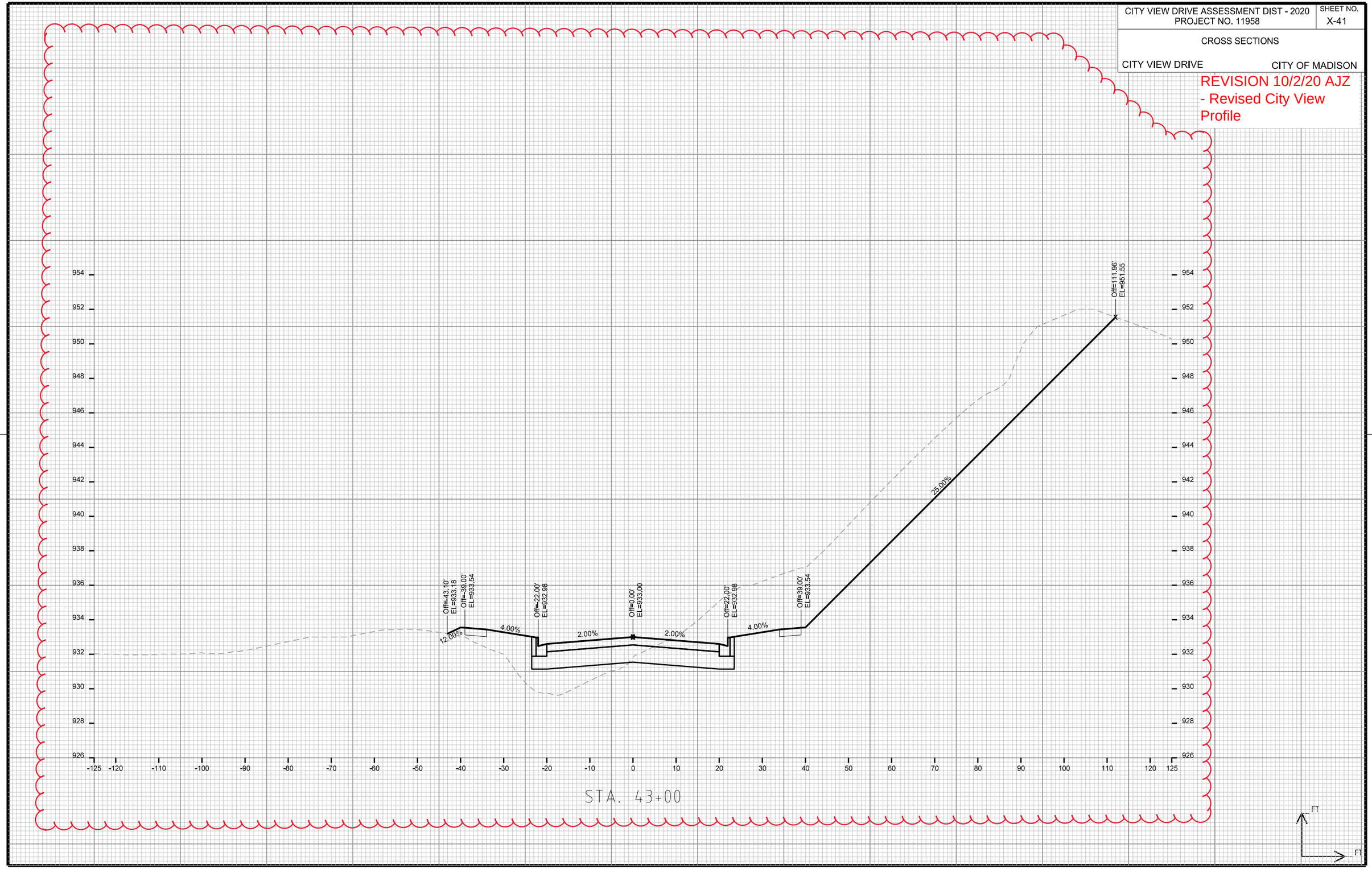
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-41
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile



PLOT SCALE: ____

PLOT NAME: ____

REV, DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020
PROJECT NO. 11958

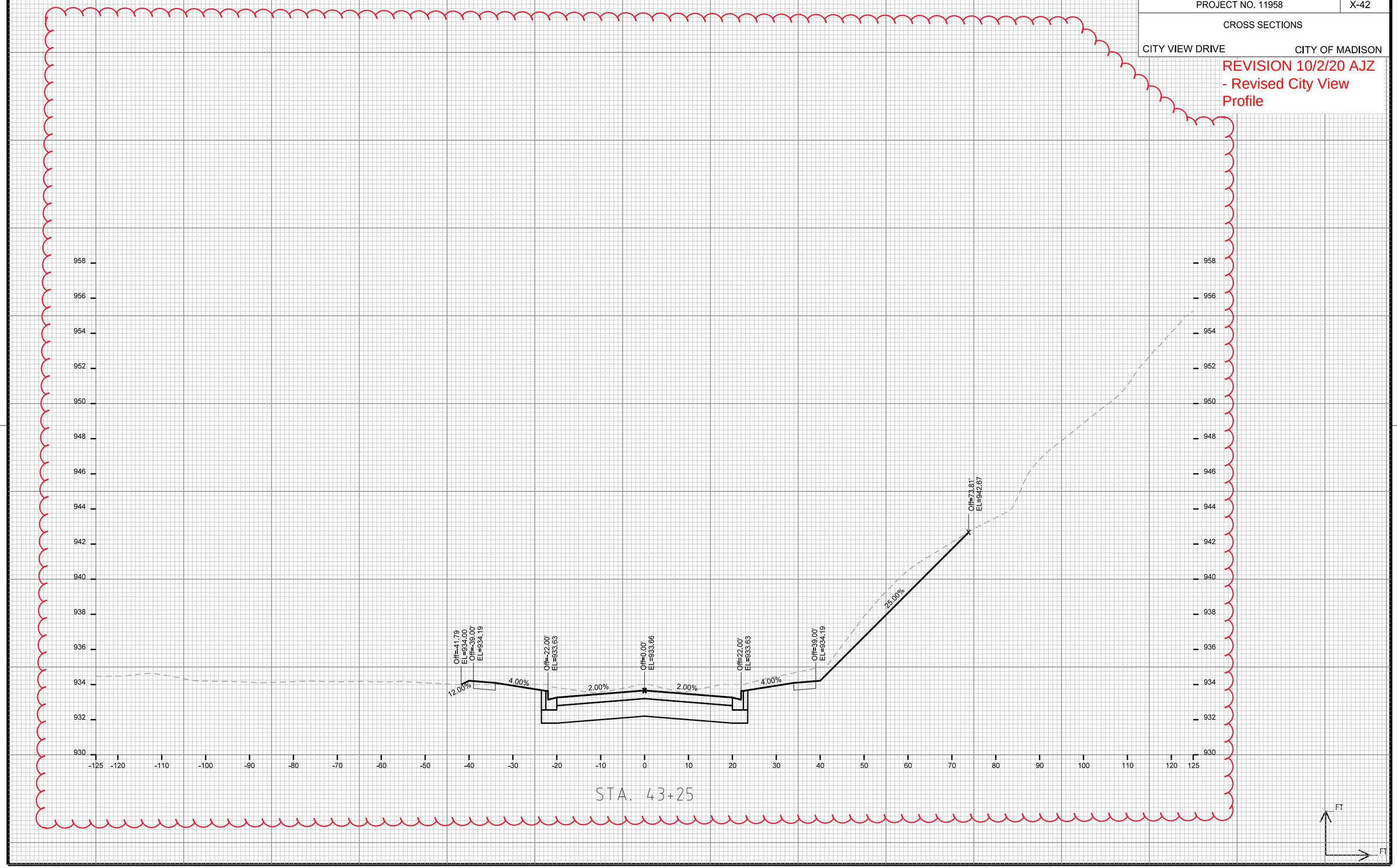
SHEET NO.
X-42

CROSS SECTIONS

CITY VIEW DRIVE

CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile



PLOT SCALE: ____

PLOT NAME: ____

REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

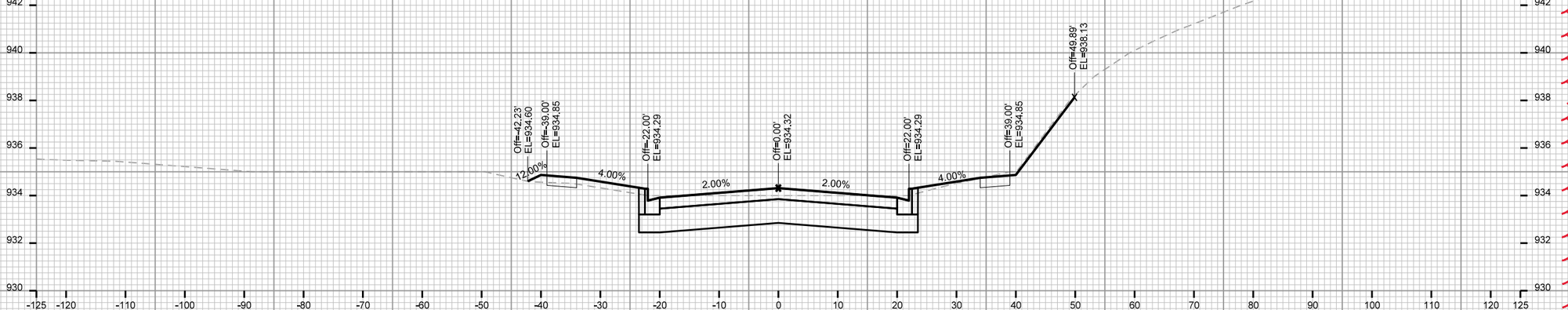
FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 9/29/2020

CITY VIEW DRIVE ASSESSMENT DIST - 2020 PROJECT NO. 11958	SHEET NO. X-43
CROSS SECTIONS	
CITY VIEW DRIVE	CITY OF MADISON

REVISION 10/2/20 AJZ
- Revised City View Profile

STA. 43+75



STA. 43+50

FT
FT

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

FILE NAME: M:\DESIGN\Projects\10429\Streets\Design\10429EN-XSection##.dgn

DATE: 9/29/2020