



Department of Public Works
Engineering Division
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Hydrogeologist
Brynn Bemis

June 25, 2014

ADDENDUM NO. 1

CROSS OAK DRIVE, FORTUNATE PLACE, REDAN DRIVE AND SILICON PRAIRIE PARKWAY ASSESSMENT DISTRICT - 2014

CONTRACT NO. 7224

Revise and amend the contract document(s) and plans for the above project as stated in this addendum, otherwise the original documents shall remain in effect.

SPECIAL PROVISIONS:

REMOVE BID ITEM 90001 – 7” PERVIOUS CONCRETE SIDEWALK

REMOVE BID ITEM 90002 – CRUSHED AGGREGATE BASE COURSE, 1” CLEAR STONE

REMOVE BID ITEM 90003 – 4” UNDERDRAIN

PLANS:

REMOVE SHEETS D1-D3, P1-P3, P5 & X1-X13

INSERT SHEETS D1-D3, P1-P3, P5 & X1-X13 (REV 6/24/14)

D1-D3: Typical sections and details revised to eliminate pervious concrete sidewalk and to install an infiltration swale within the terrace on the right side of Cross Oak Dr., Fortunate Pl., and Redan Dr. Earthwork quantities and notes also revised on sheet D3.

P1-P3 & P5: Plan and Profile sheets revised to remove pervious concrete sidewalk from Cross Oak Dr., Fortunate Pl. and Redan Dr. and to install swale within the terrace adjacent to the development with concrete sidewalk stubs and earthen berms. Areas of different types of erosion mats were also revised.

X1-X13: Cross section sheets revised to show infiltration swale within terraces.

PROPOSAL:

REVISED 6/24/14: Removed Bid Items: 90001-7” Pervious Concrete Sidewalk, 90002-Crushed Aggregate Base Course, 1” Clear Stone & 90003-4” Underdrain.

Added Bid Item 30131-Cold Weather Protection of Concrete Sidewalk & Drive (Polyethylene)

Revised Quantities for multiple items including Bid Items: 20101-Excavation Cut, 21061-Erosion Matting, Class I, Urban Type A, 21062-Erosion Matting, Class I, Urban Type B, 30301-5” Concrete Sidewalk, 40101-Crushed Aggregate Base Course Gradation, 50352-6 Inch Sanitary Sewer Lateral SDR 26 and SDR 35, and 70040-Furnish and Install Hydrant

June 25, 2014

Page 2

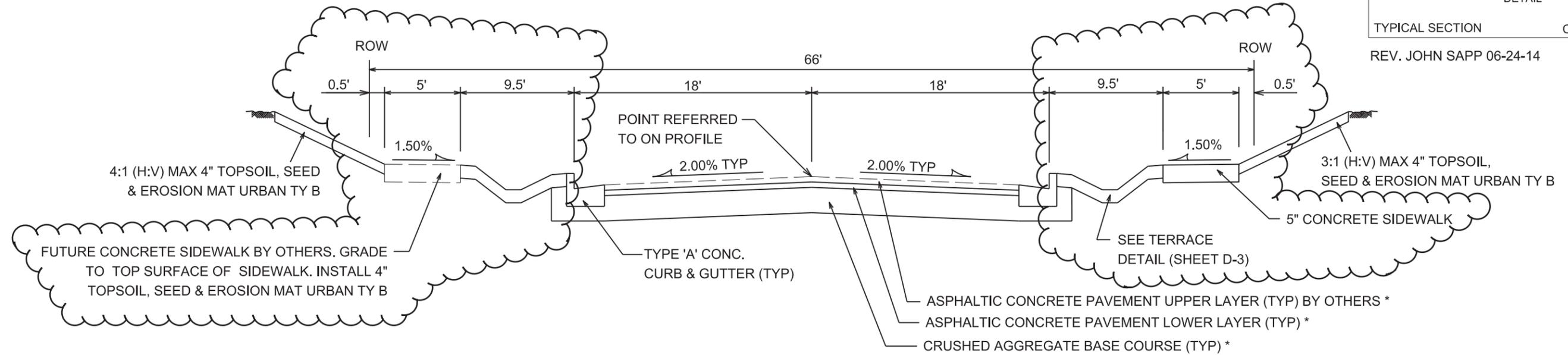
The electronic files on the website and on Bid Express have also been updated; please replace any plans or contract documents that were saved or printed off of the web.

Please acknowledge this addendum on Page E-1.

A handwritten signature in black ink, appearing to read "Robert Phillips". The signature is stylized with large, rounded loops for the letters.

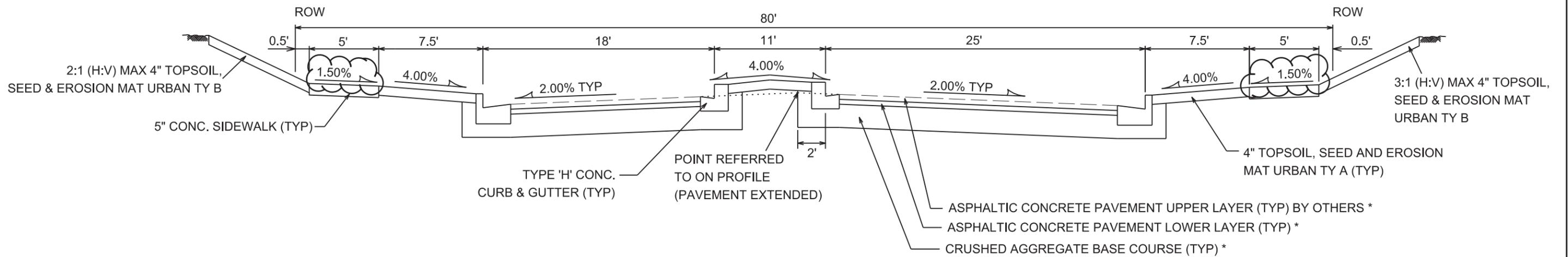
Robert F. Phillips, P.E.
City Engineer

RFP:jmw



TYPICAL SECTION

CROSS OAK DRIVE
NOT TO SCALE



TYPICAL SECTION

SILICON PRAIRIE PARKWAY
NOT TO SCALE

* CITY OF MADISON MINIMUM PAVEMENT DESIGN

TYPE	CRUSHED AGG. BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER TYPE	LOWER LAYER THICKNESS	UPPER LAYER TYPE	UPPER LAYER THICKNESS
A	6"	4"	E-0.3	1.75"	E-0.3	1.75"
B	6"	4"	E-1	2.50"	E-1	1.75"
C	6"	4"	E-3	3.50"	E-3	1.75"

NOTES:

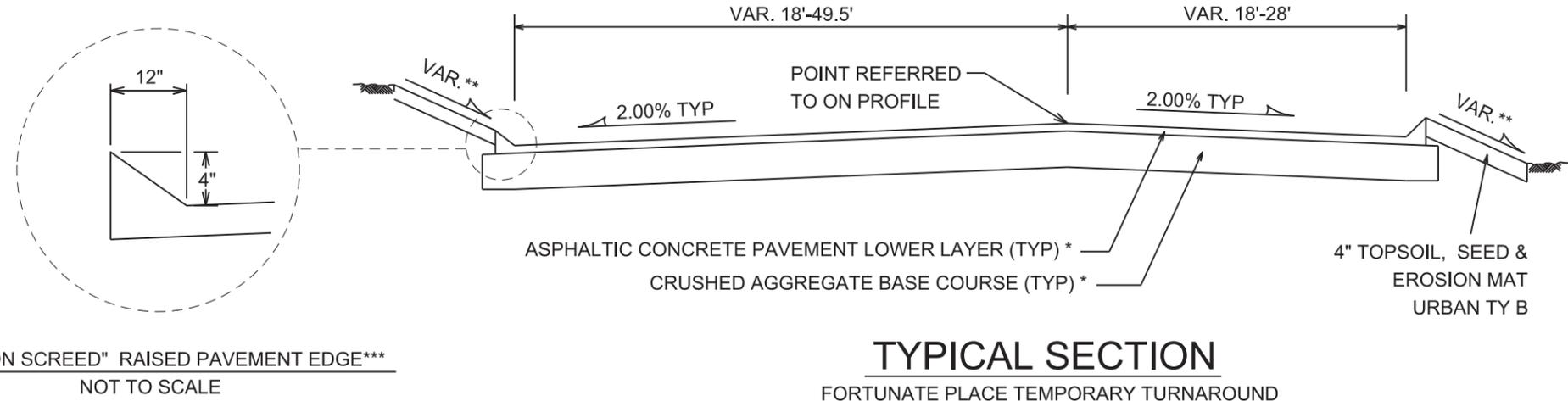
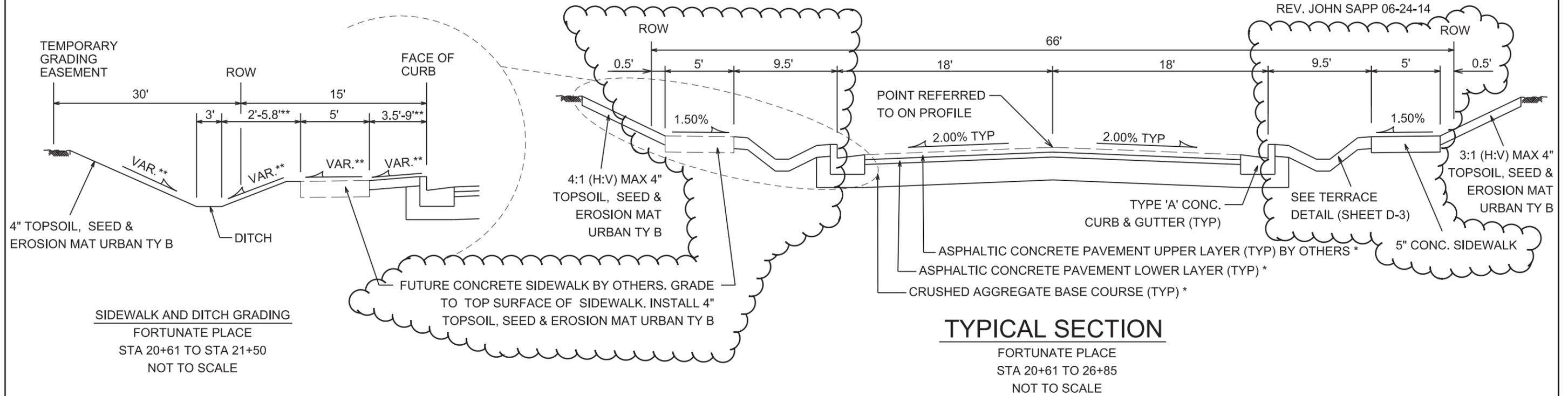
* TYPE 'B' PAVEMENT SHALL BE USED ON CROSS OAK DRIVE AND SILICON PRAIRIE PARKWAY.

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



* CITY OF MADISON MINIMUM PAVEMENT DESIGN

TYPE	CRUSHED AGG. BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	TYPE	THICKNESS	TYPE	THICKNESS
A	6"	4"	E-0.3	1.75"	E-0.3	1.75"
B	6"	4"	E-1	2.50"	E-1	1.75"
C	6"	4"	E-3	3.50"	E-3	1.75"

NOTES:

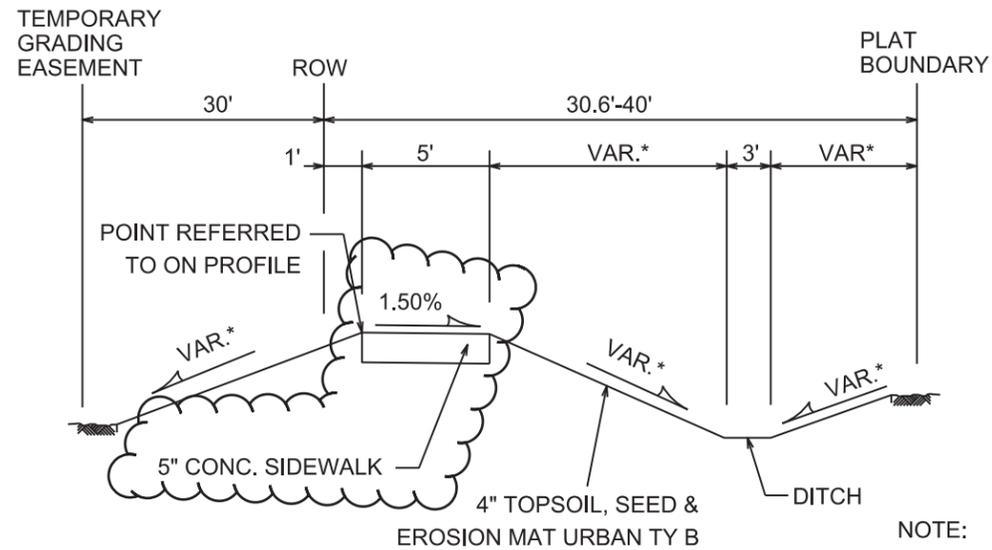
- * TYPE 'B' PAVEMENT SHALL BE USED ON FORTUNATE PLACE.
- ** SEE CROSS SECTIONS FOR OFFSETS, GRADES AND SLOPES.
- *** INSTALL CARLSON SCREED RAISED PAVEMENT EDGE WITH ASPHALT PAVEMENT. INCIDENTAL TO BID ITEM 40202 HMA PAVEMENT TYPE E-1.

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



NOTE:
* SEE CROSS SECTIONS FOR OFFSETS, GRADES AND SLOPES.

TYPICAL SECTION

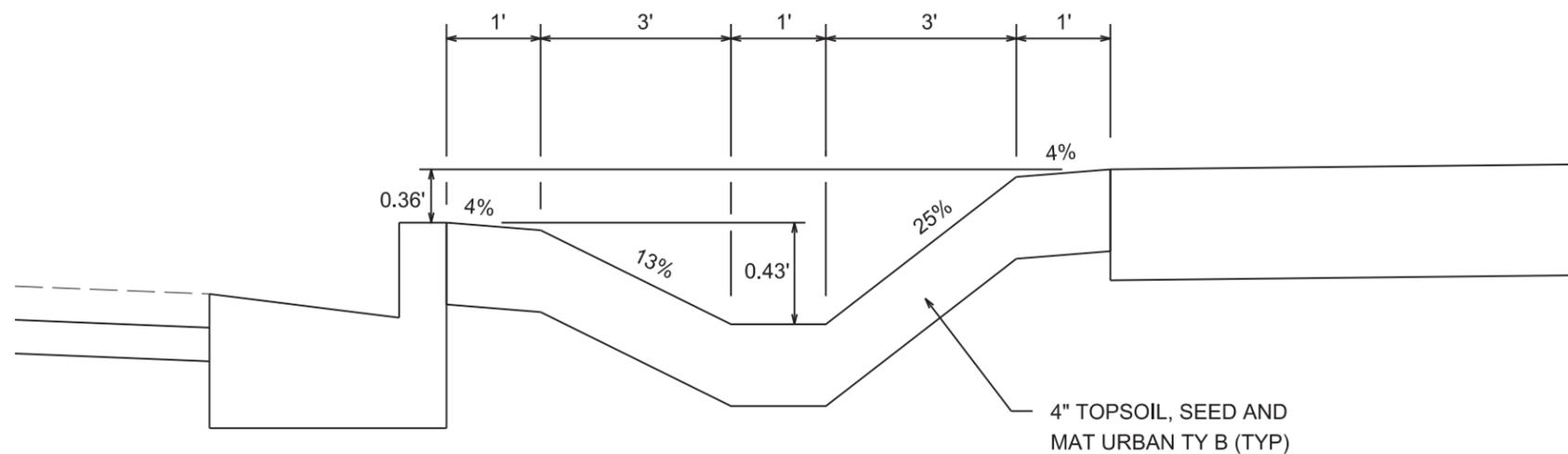
REDAN DRIVE SIDEWALK
STA 105+00 TO 106+81
NOT TO SCALE

EARTHWORK SUMMARY

- ① UNCLASSIFIED EXCAVATION (PLAN QUANTITY).....10,918 CY
- ② ESTIMATED UNDISTRIBUTED UNDERCUT.....640 CY
- TOTAL EXCAVATION CUT (PAID QUANTITY).....11,558 CY
- ③ TOTAL FILL (EXPANSION FACTOR 1.0).....1,931 CY
- ④ ESTIMATED SELECT FILL.....1,190 CY
- ③ ESTIMATED WASTE.....9,627 CY

EARTHWORK NOTES

- ① PLAN QUANTITY INCLUDES ALL EXCAVATION NECESSARY FOR STREET & SIDEWALK AS SHOWN ON CROSS SECTIONS. ALSO INCLUDES NECESSARY TOPSOIL STRIPPING AND EXCAVATION FOR TERRACE.
- ② UNDERCUT NOT USED TO BALANCE EARTHWORK
- ③ NO EXPANSION OR SHRINKAGE FACTORS WERE USED TO DETERMINE QUANTITIES. TOTAL FILL BASED OFF OF CROSS SECTIONS.
- ④ SELECT FILL SHALL BE PAID BY THE TON AS INDICATED ON THE PROPOSAL. VOLUME ONLY USED TO CALCULATE EARTHWORK BALANCE. CONTRACTOR SHALL USE MATERIAL FROM ON SITE IF SUITABLE MATERIAL IS FOUND IN CUT AREAS. FOR THE EARTHWORK BALANCE, IT WAS ASSUMED THAT SELECT FILL WAS HAULED TO THE SITE.



TERRACE DETAIL

NOT TO SCALE

PLOT SCALE: _____

PLOT NAME: _____

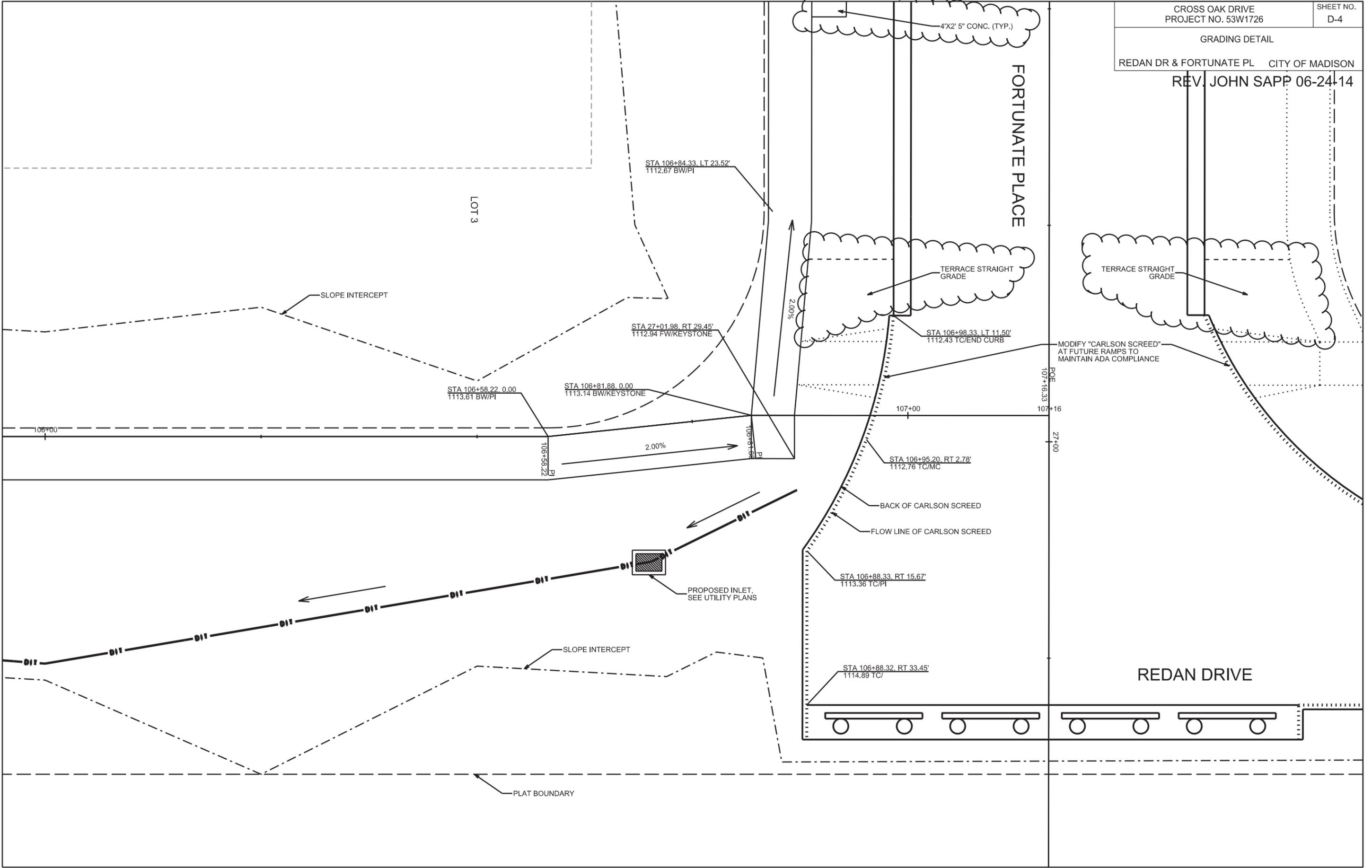
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

GRADING DETAIL

REDAN DR & FORTUNATE PL CITY OF MADISON

REV. JOHN SAPP 06-24-14

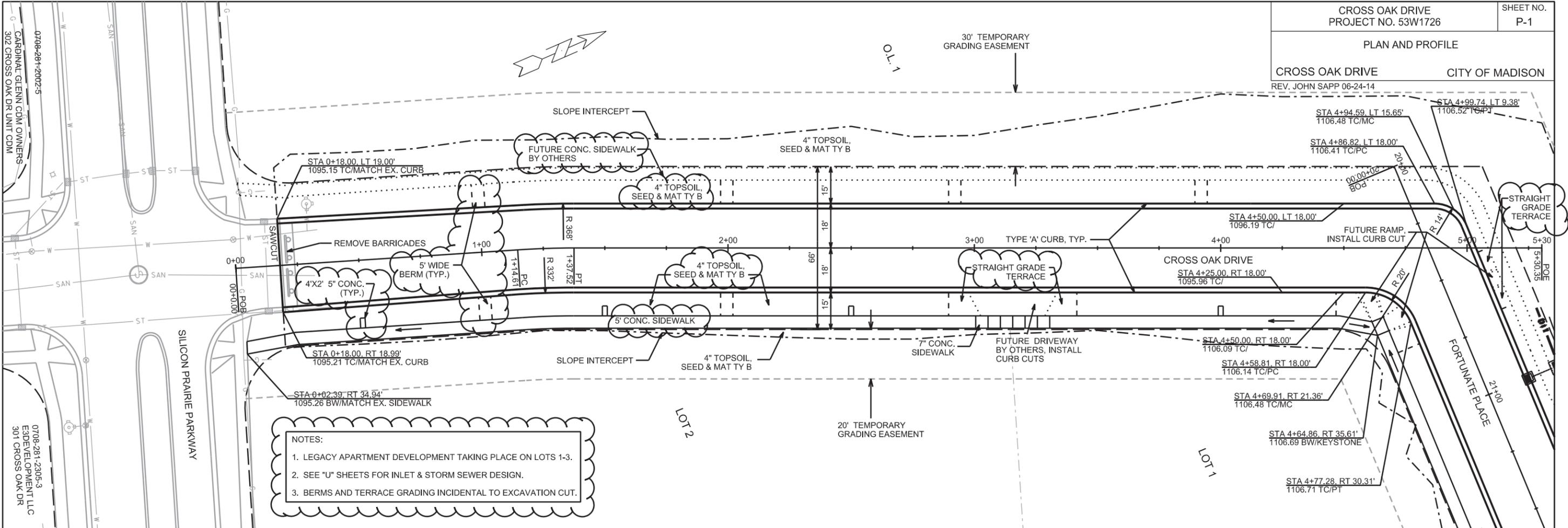


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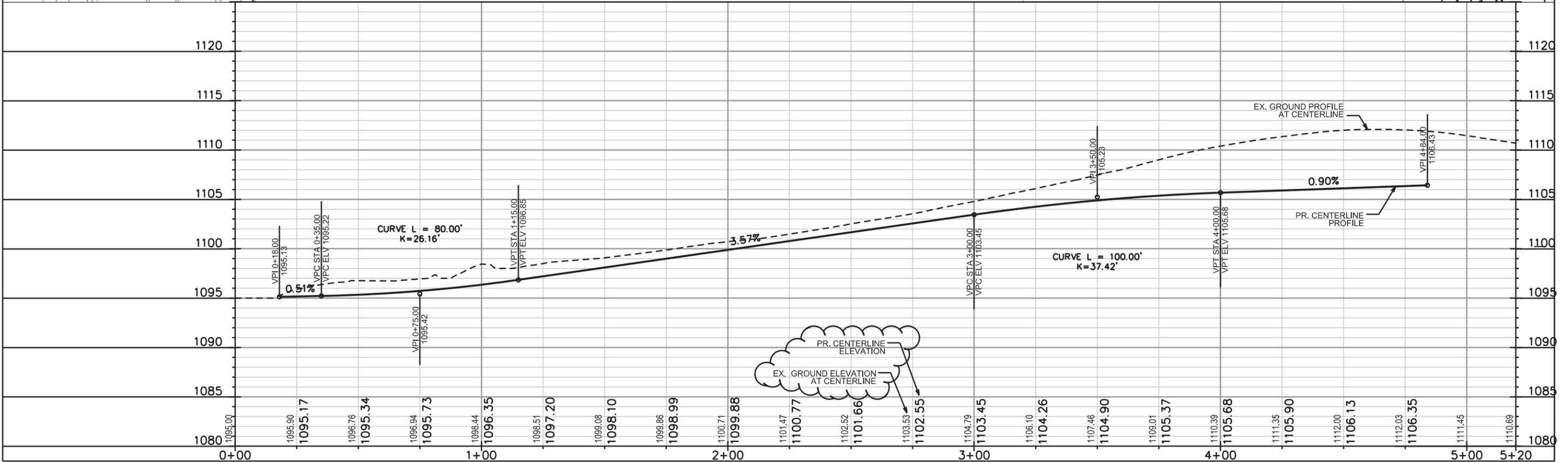
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



- NOTES:
1. LEGACY APARTMENT DEVELOPMENT TAKING PLACE ON LOTS 1-3.
 2. SEE "U" SHEETS FOR INLET & STORM SEWER DESIGN.
 3. BERMS AND TERRACE GRADING INCIDENTAL TO EXCAVATION CUT.



PLOT SCALE: _____

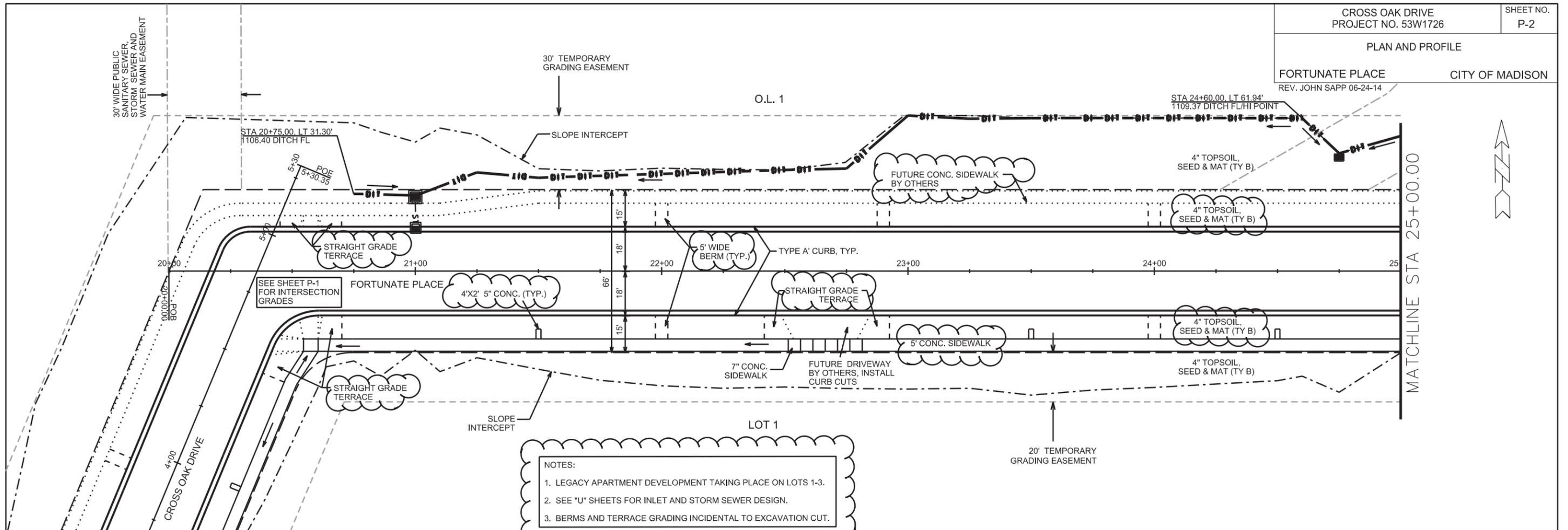
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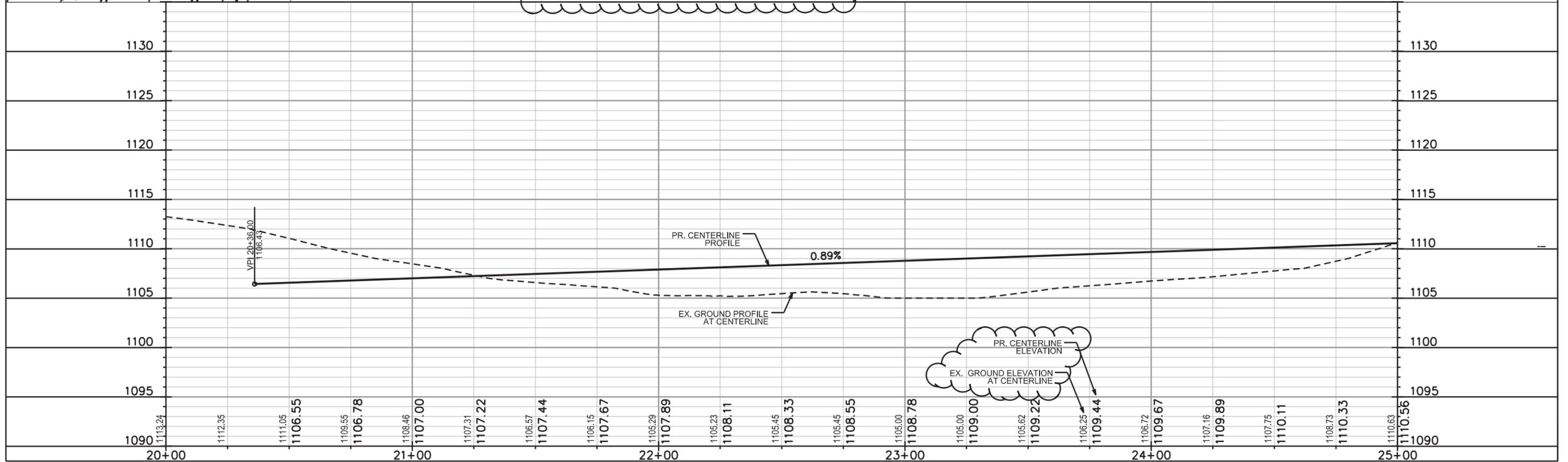
PLAN AND PROFILE

FORTUNATE PLACE CITY OF MADISON
REV. JOHN SAPP 06-24-14

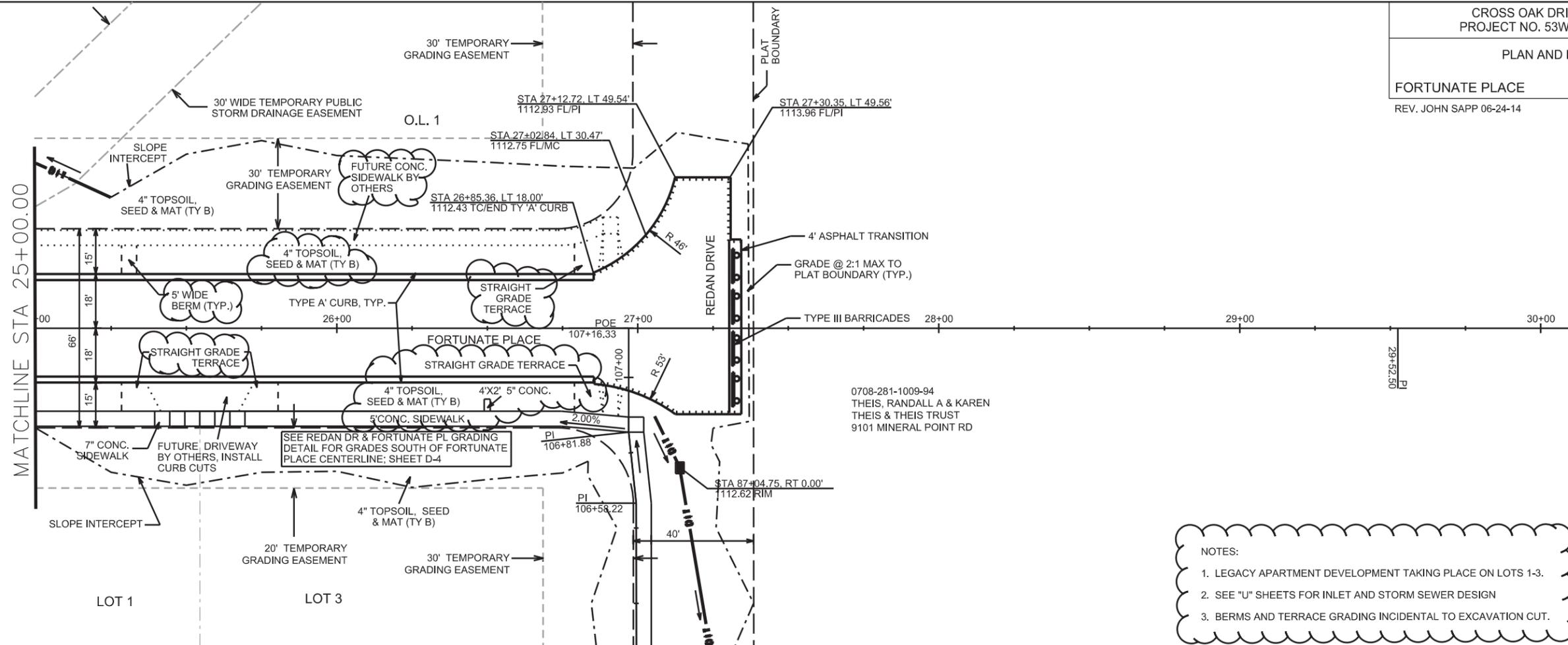


NOTES:

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- BERMS AND TERRACE GRADING INCIDENTAL TO EXCAVATION CUT.

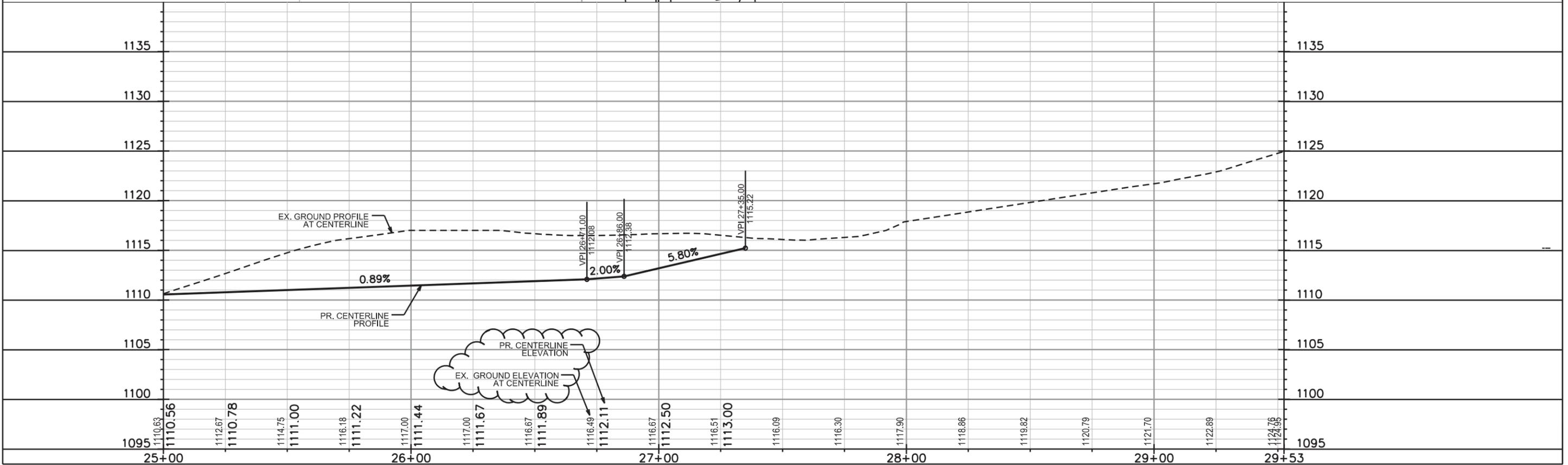


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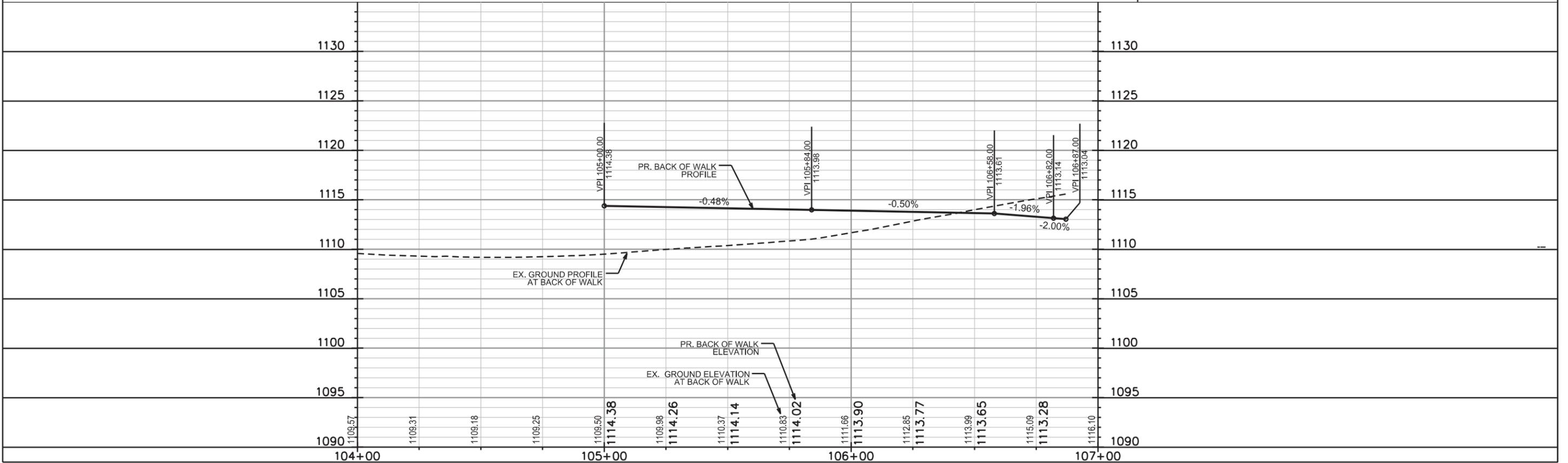
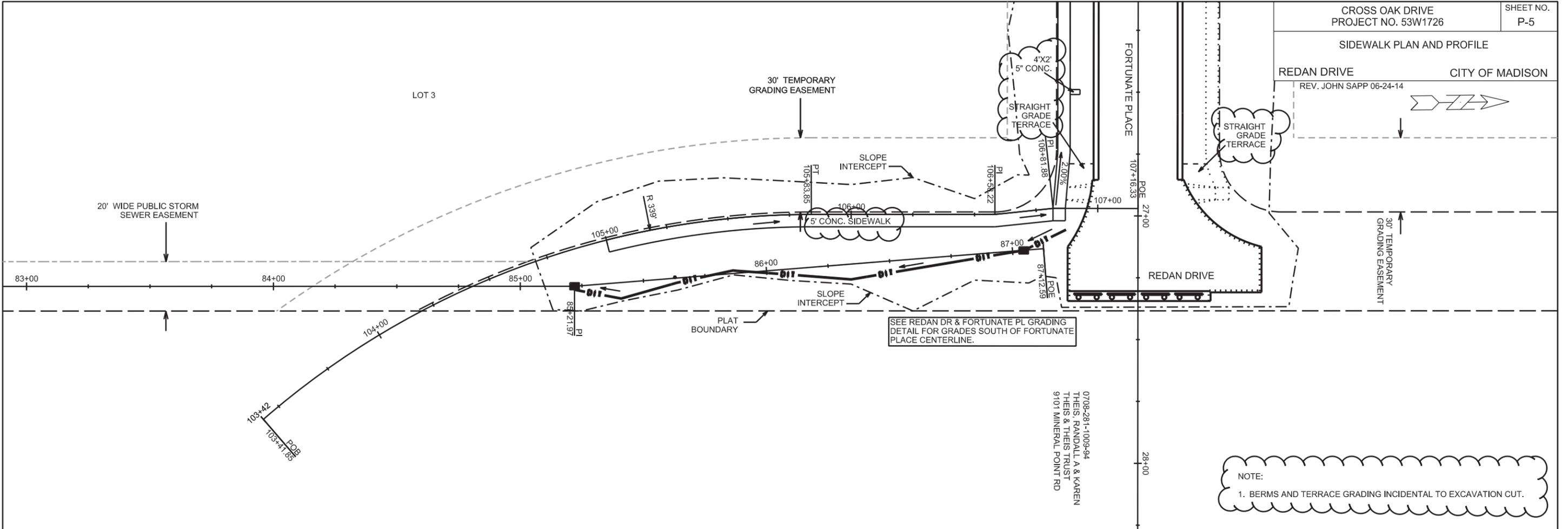
PLOT NAME: _____

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SIDEWALK PLAN AND PROFILE

REDAN DRIVE CITY OF MADISON
REV. JOHN SAPP 06-24-14



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

CROSS OAK DR

CITY OF MADISON

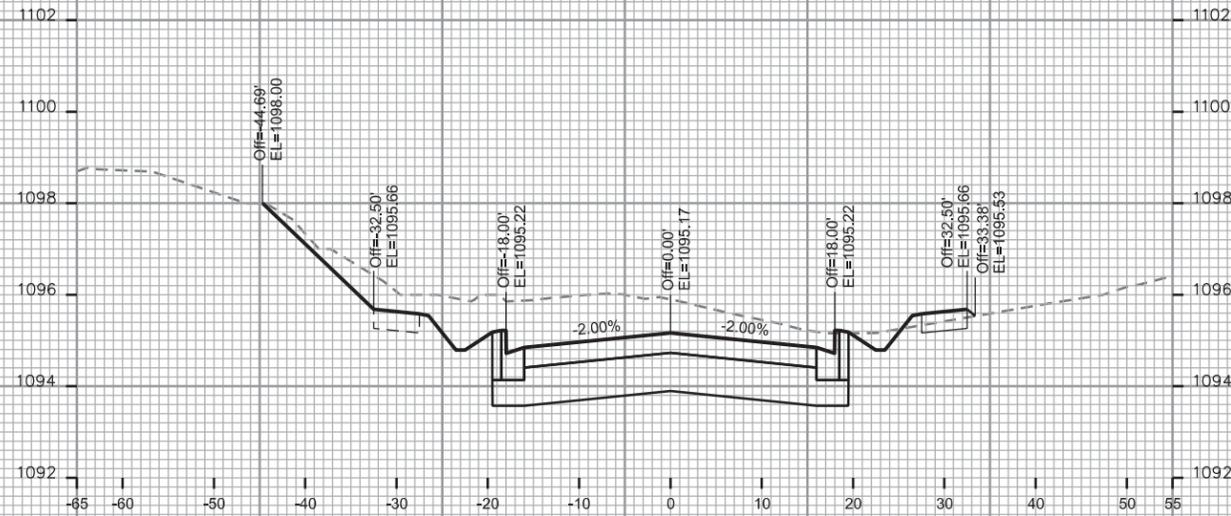
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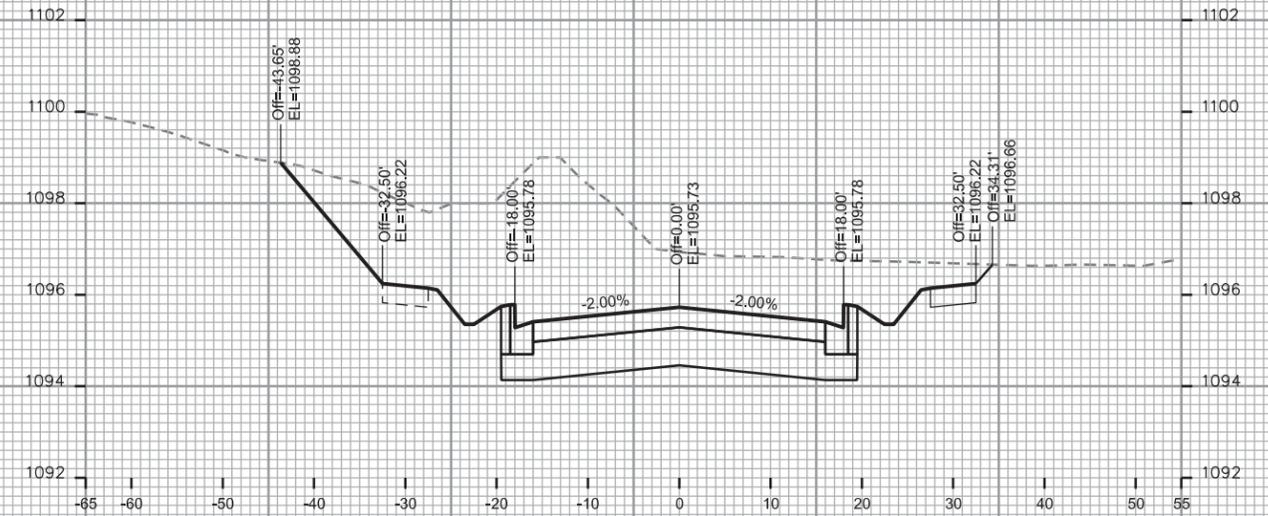
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ORIGINATOR: CITY OF MADISON - STREETS DIVISION



STA. 0+25

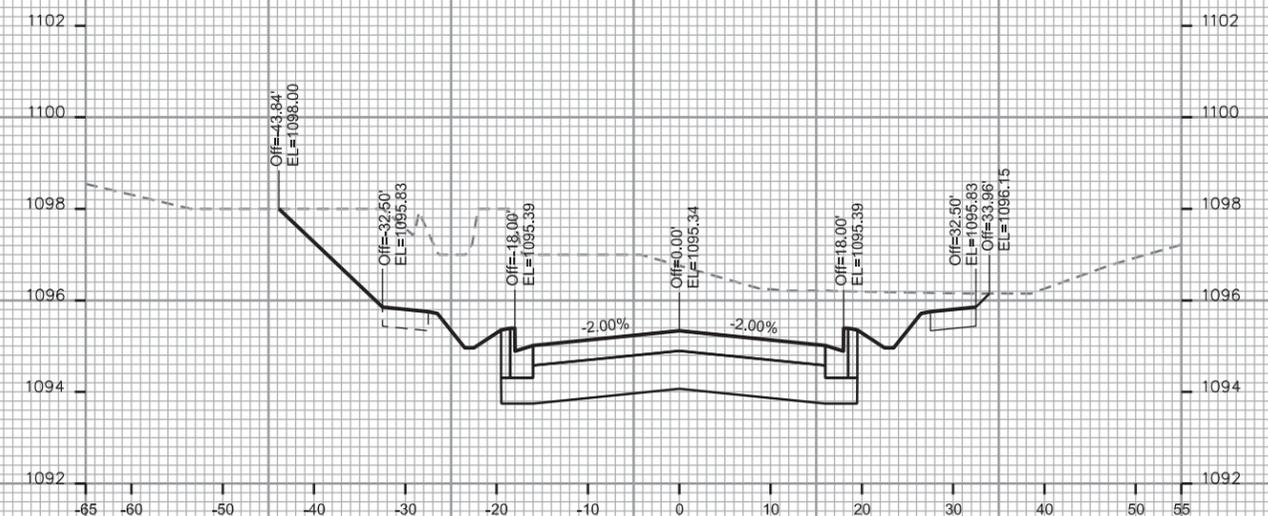


STA. 0+75

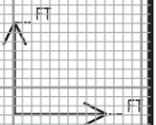


FUTURE SIDEWALK;
WORK BY OTHERS (TYP.)

STA. 0+18



STA. 0+50



CROSS SECTIONS

CROSS OAK DR

CITY OF MADISON

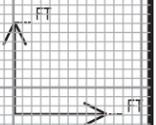
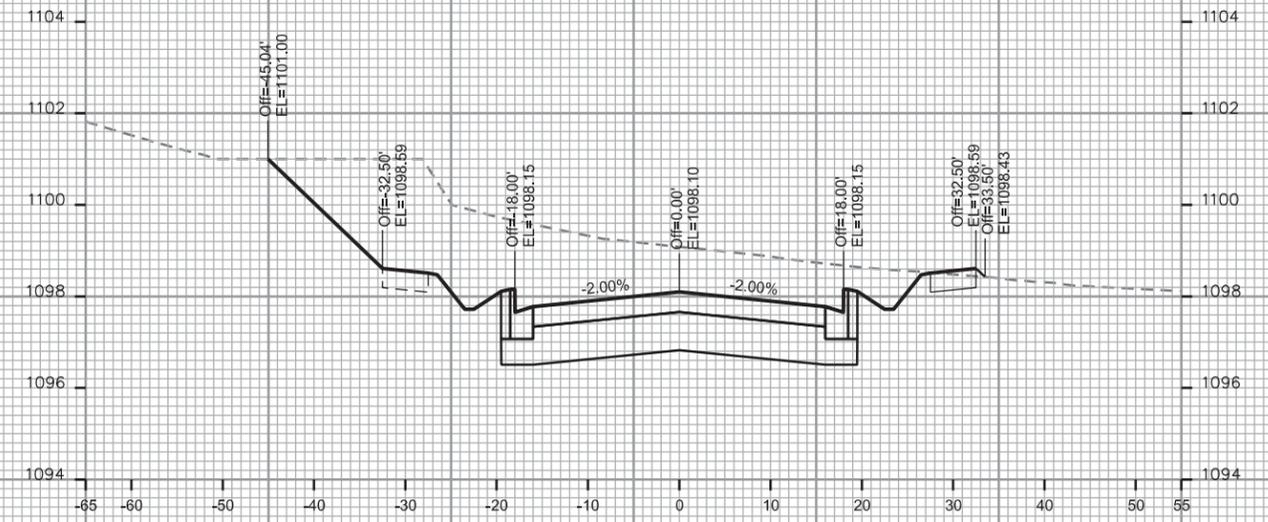
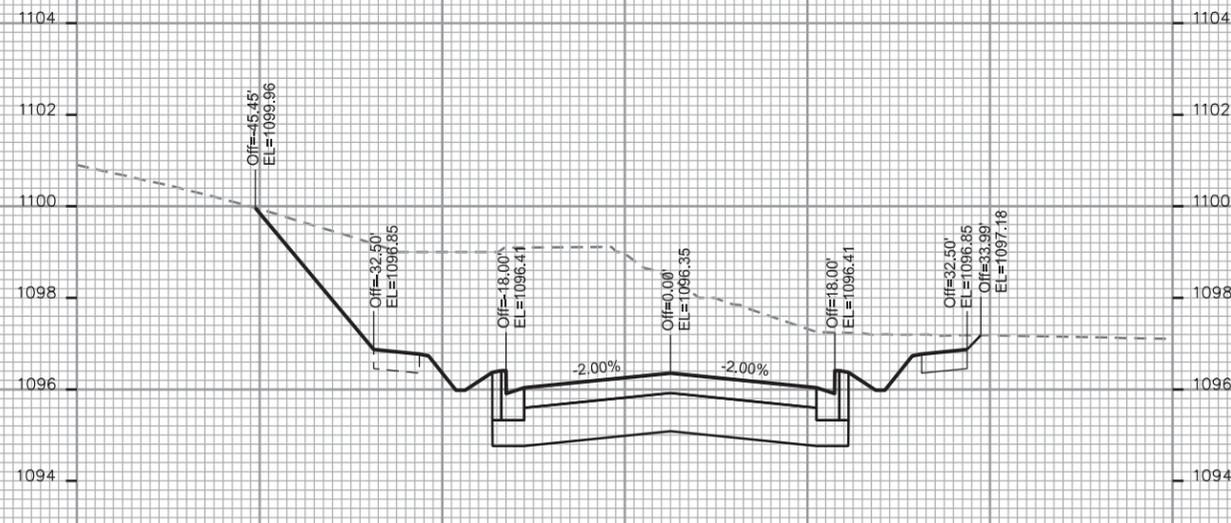
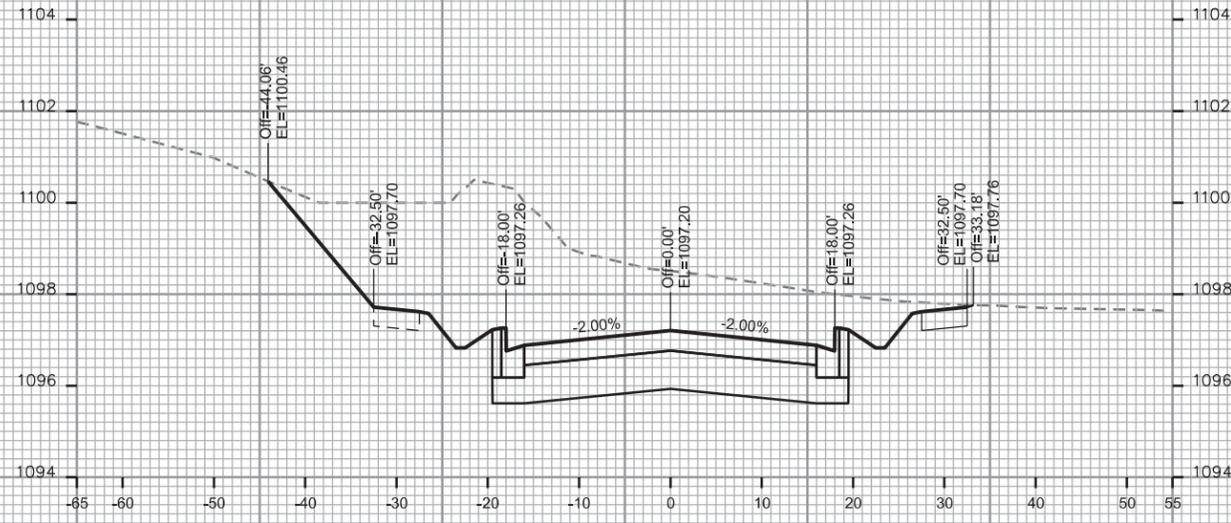
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CROSS SECTIONS

CROSS OAK DR

CITY OF MADISON

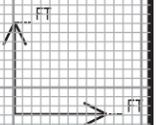
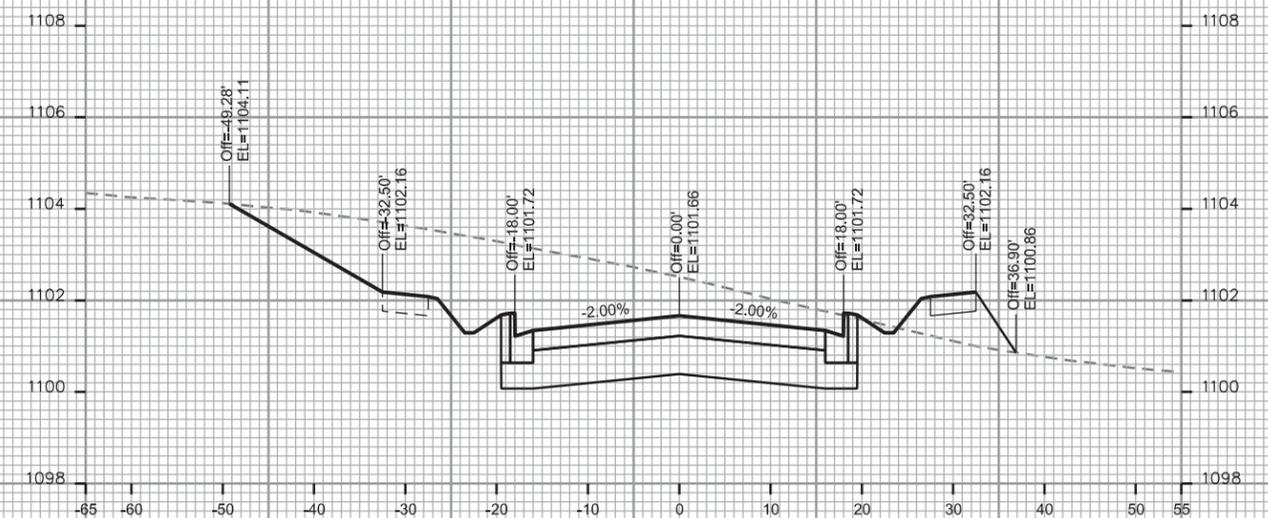
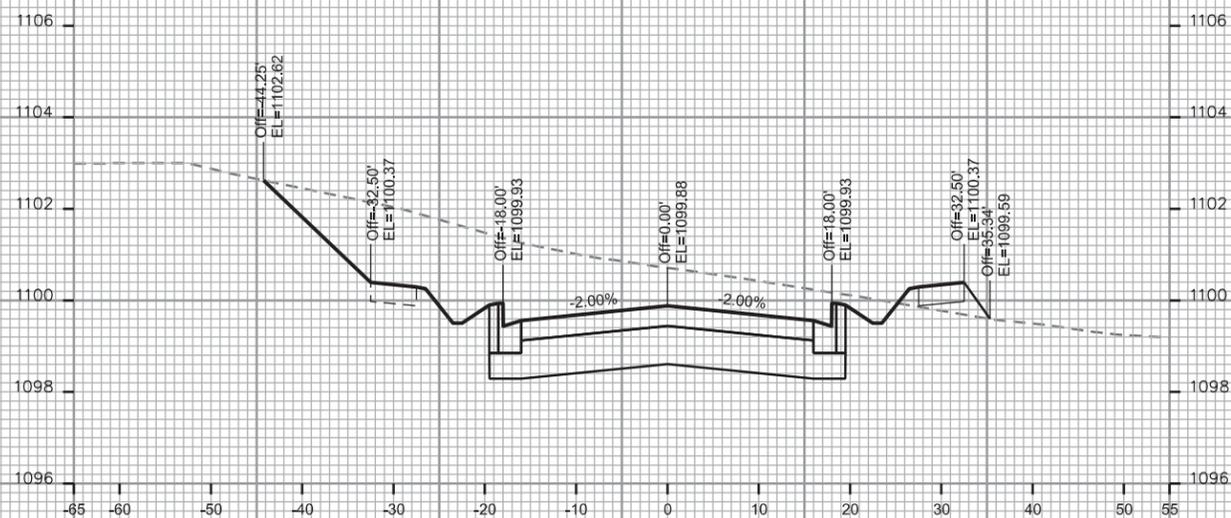
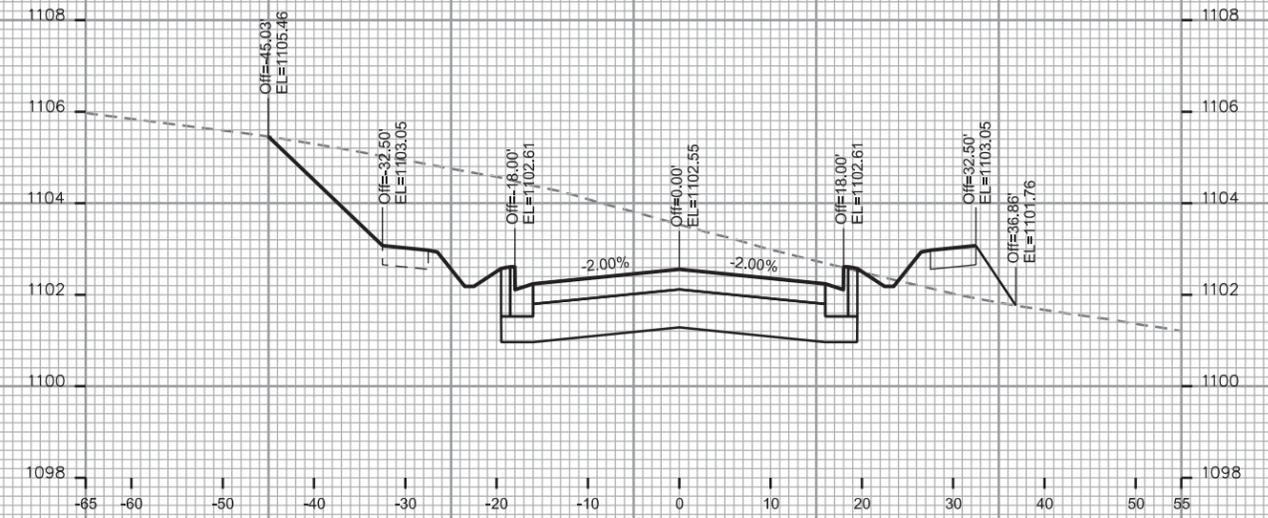
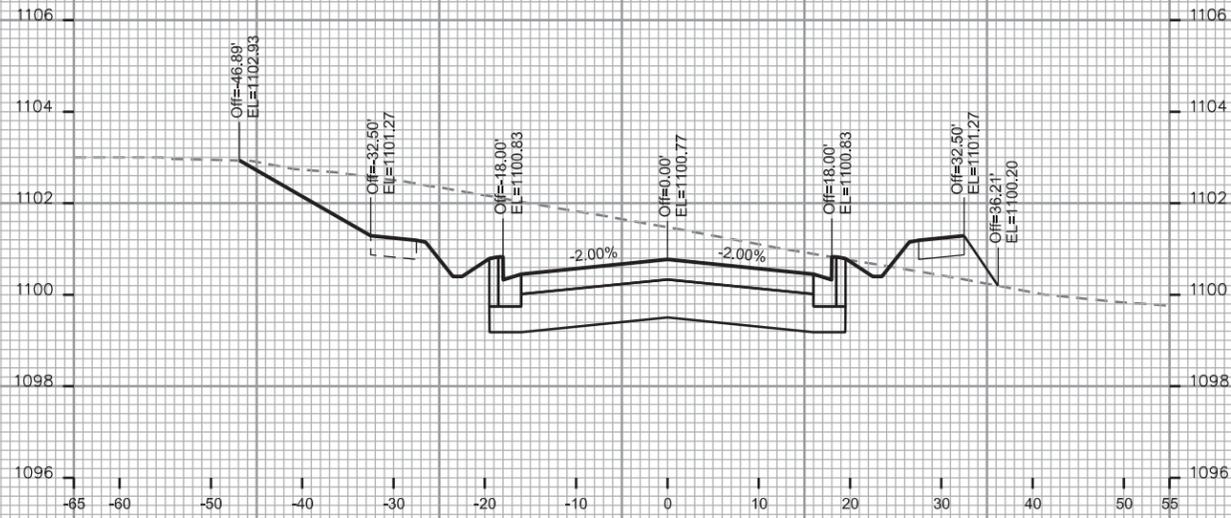
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CROSS SECTIONS

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CITY OF MADISON

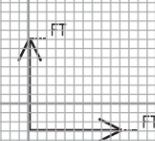
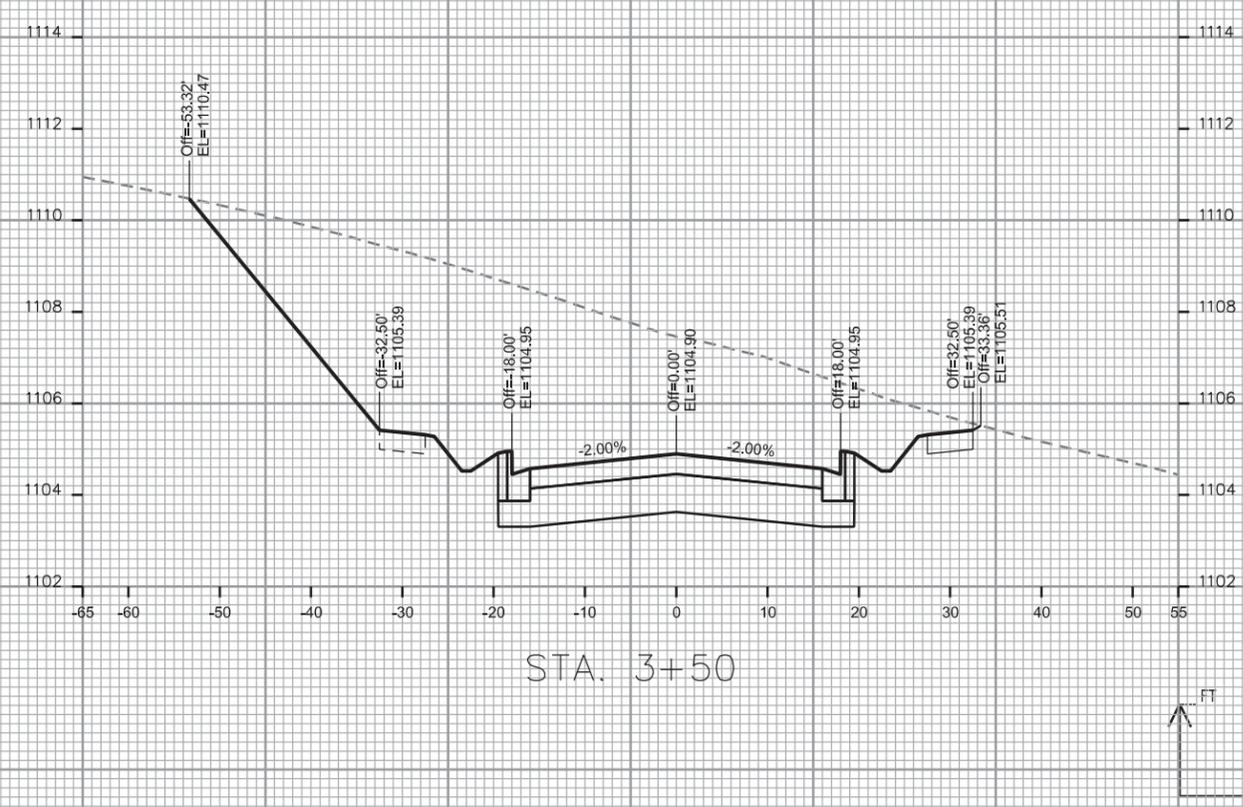
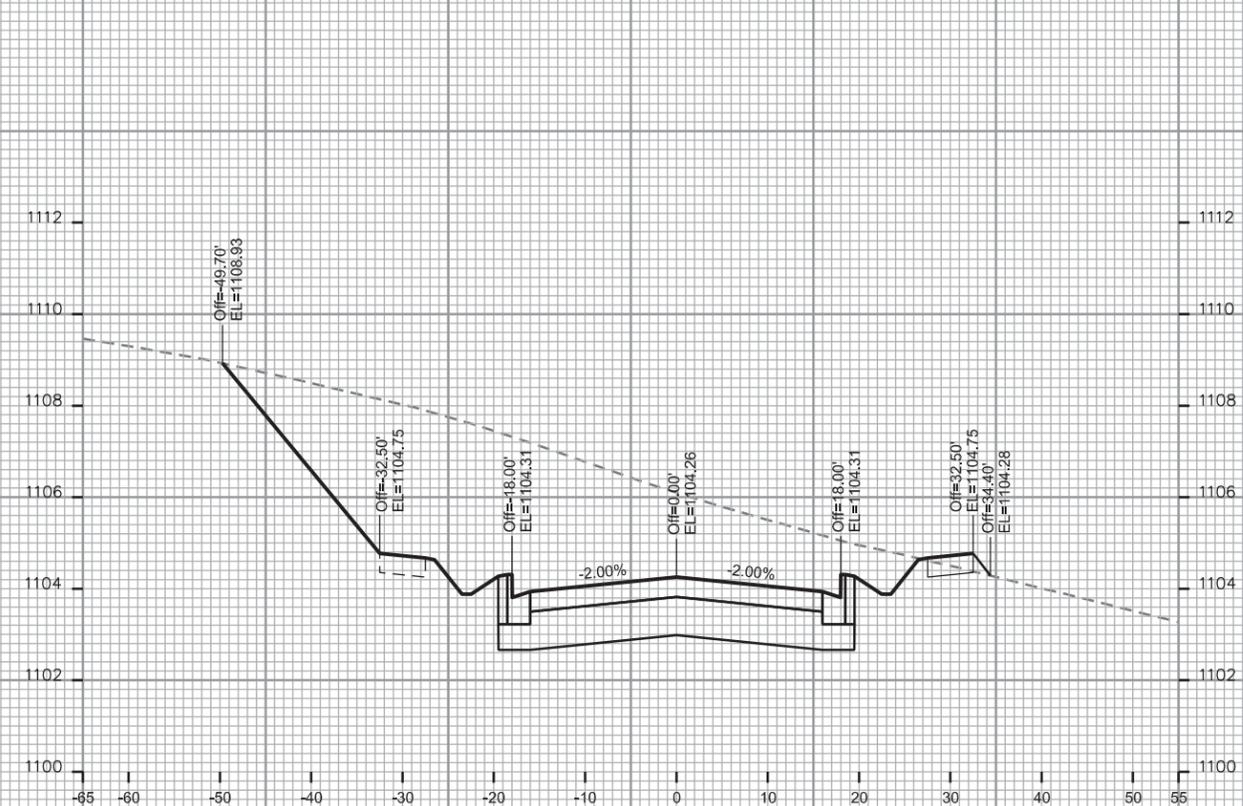
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CROSS SECTIONS

CROSS OAK DR

CITY OF MADISON

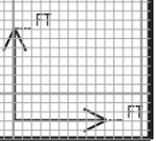
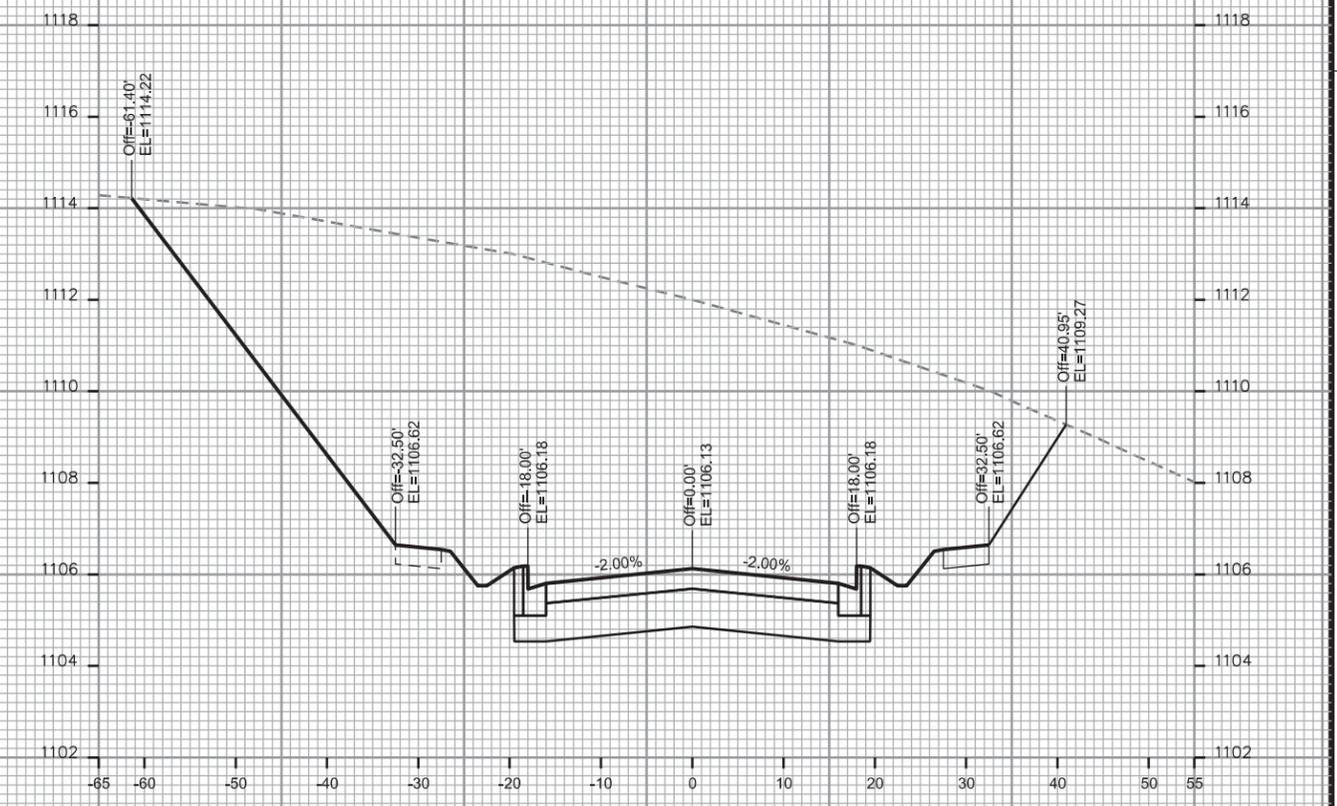
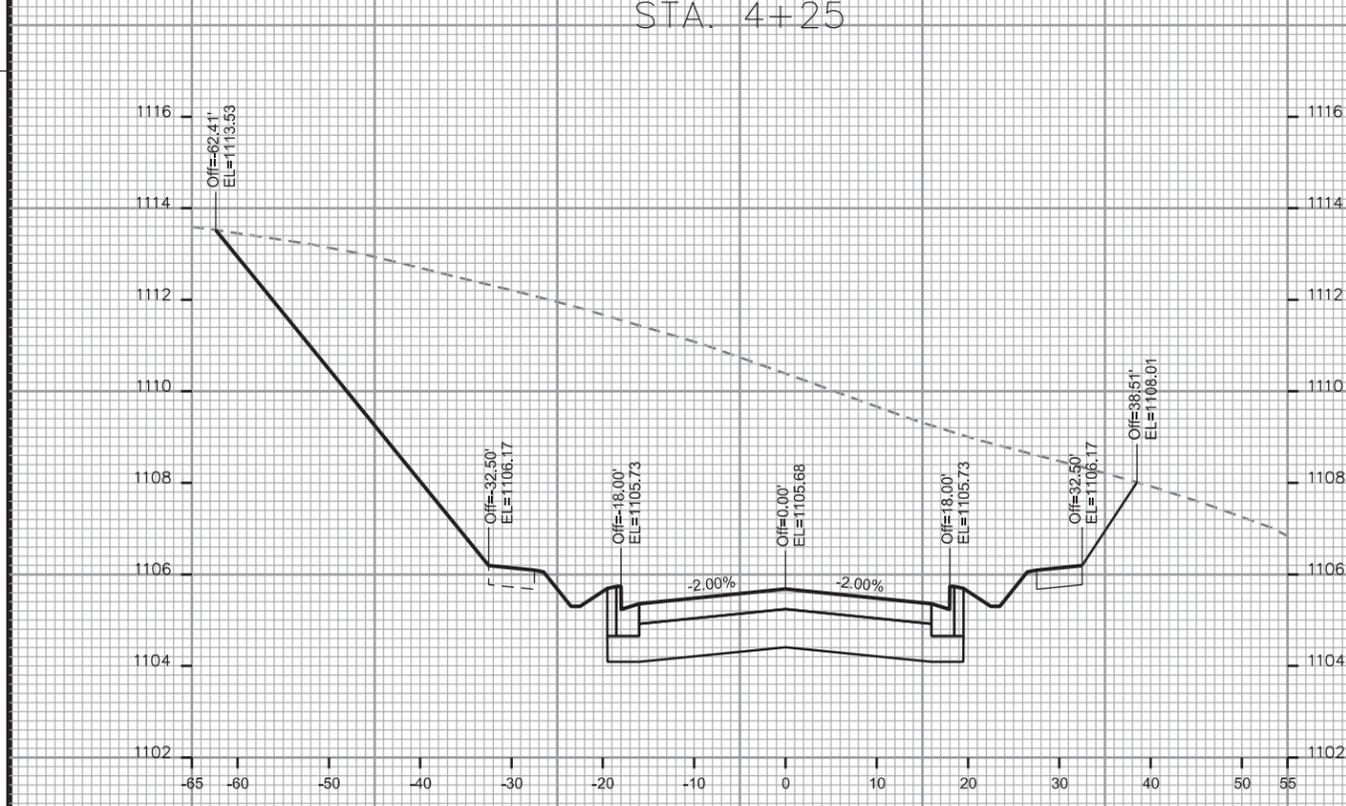
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CROSS SECTIONS

CROSS OAK DR

CITY OF MADISON

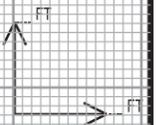
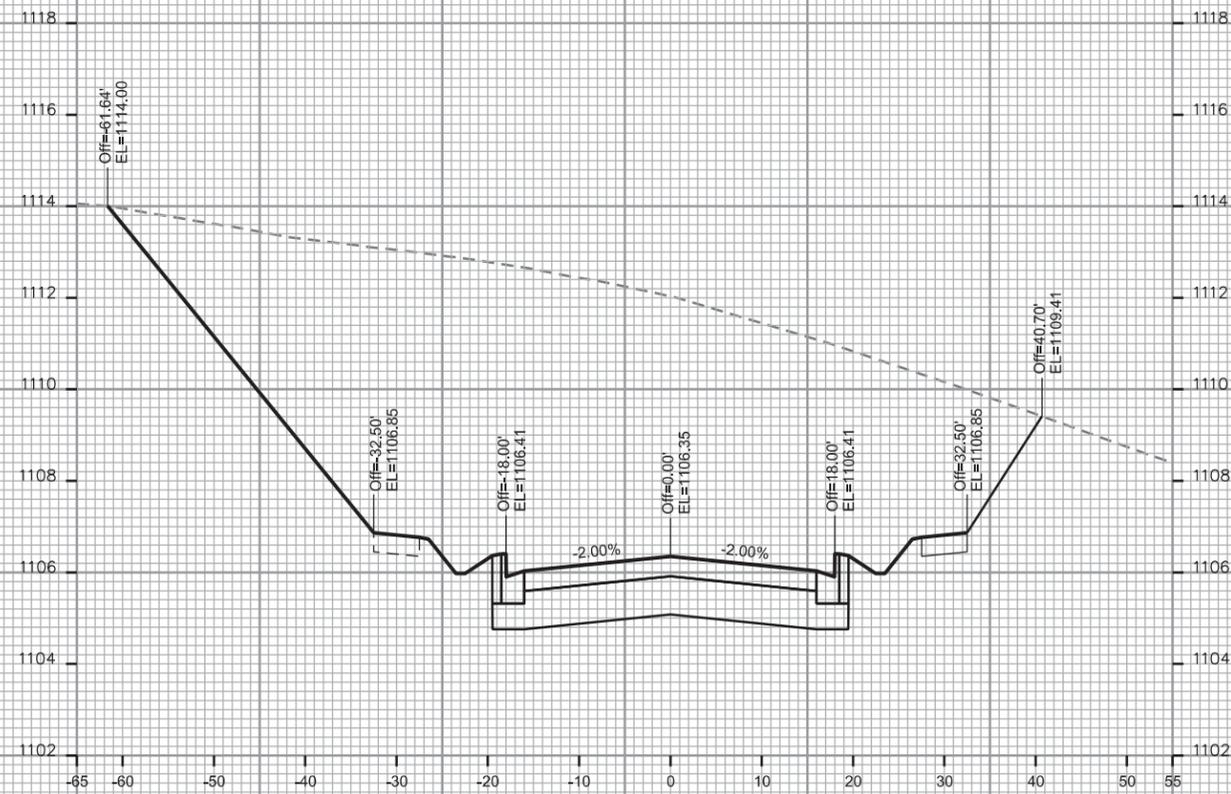
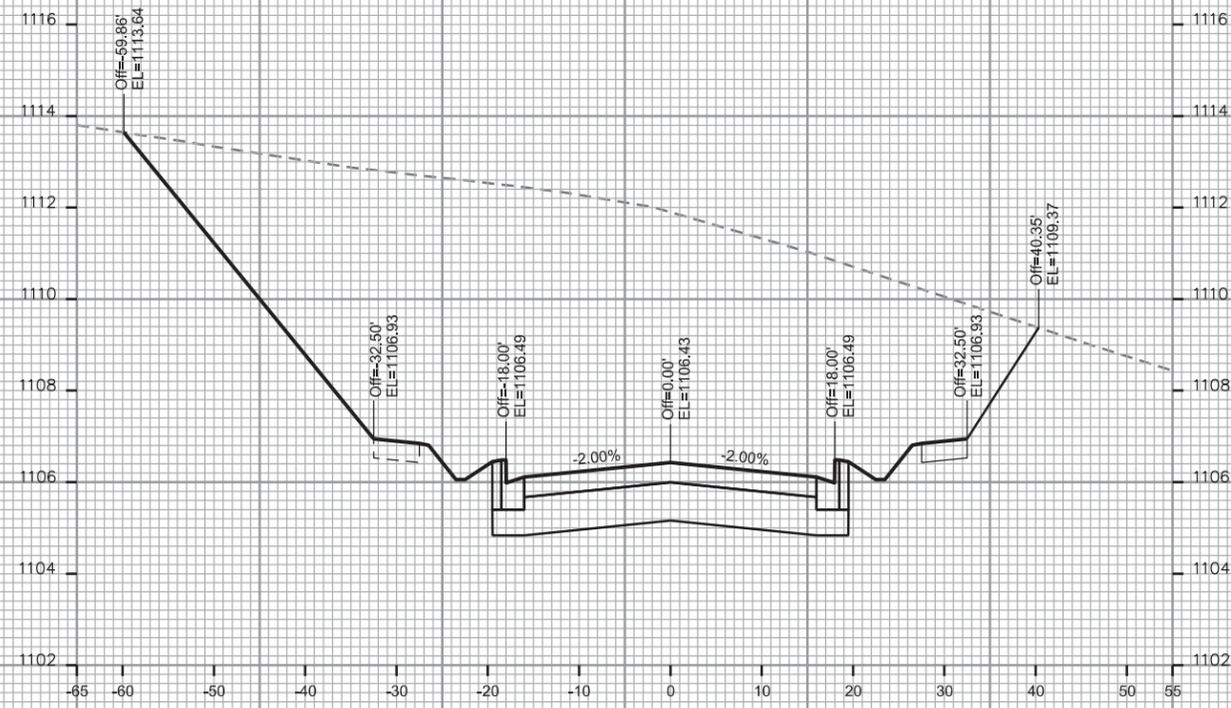
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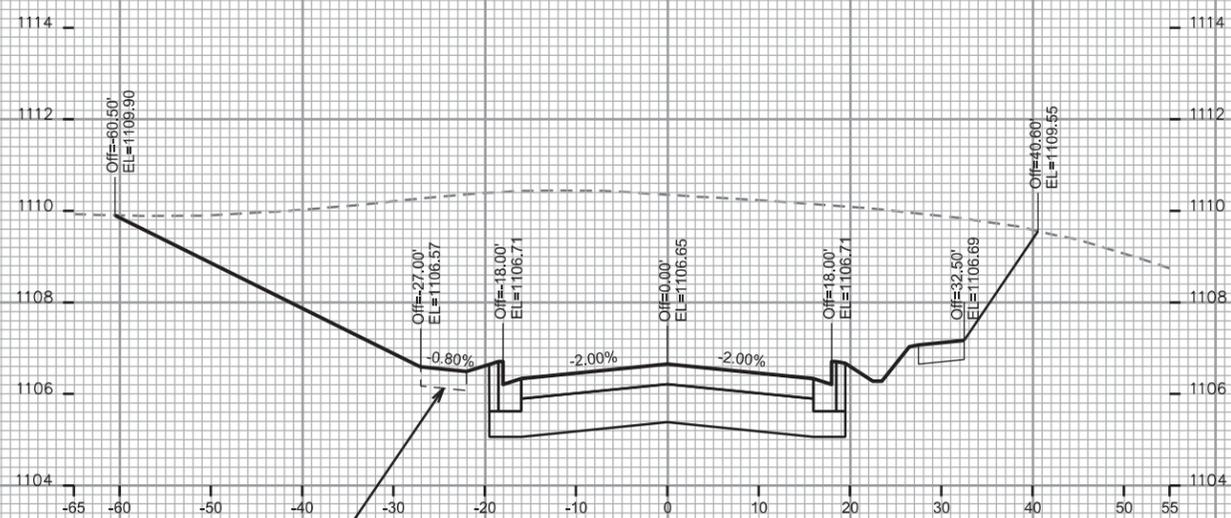
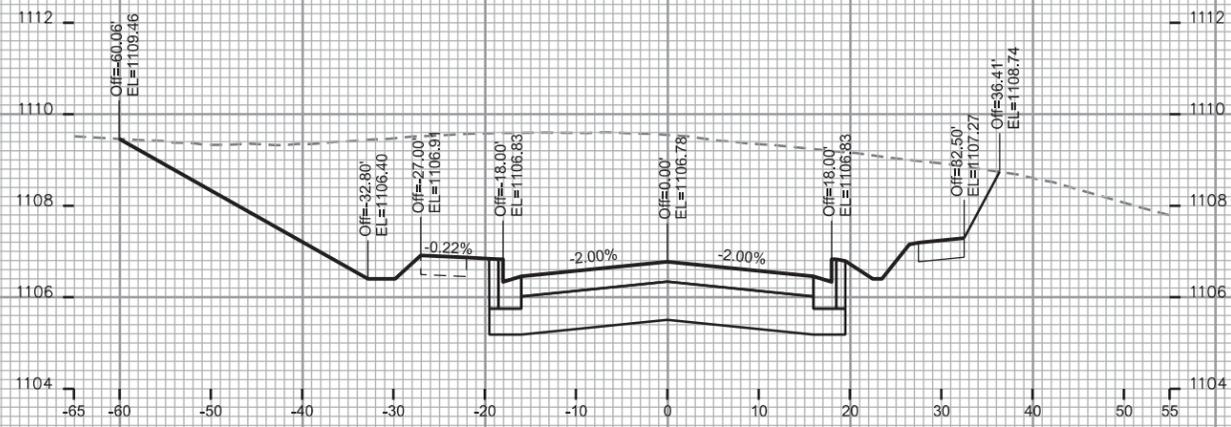
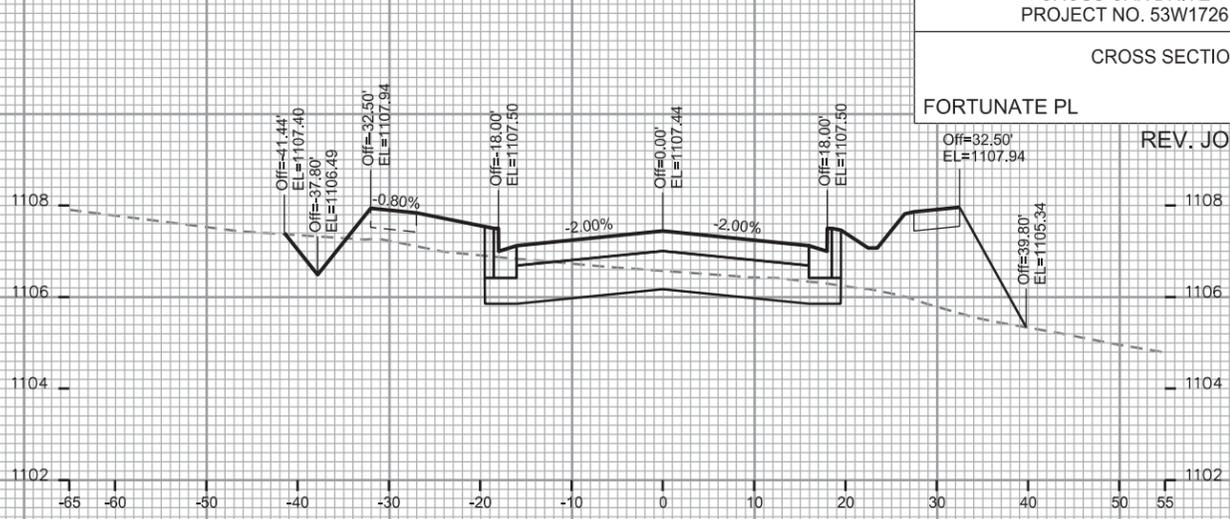
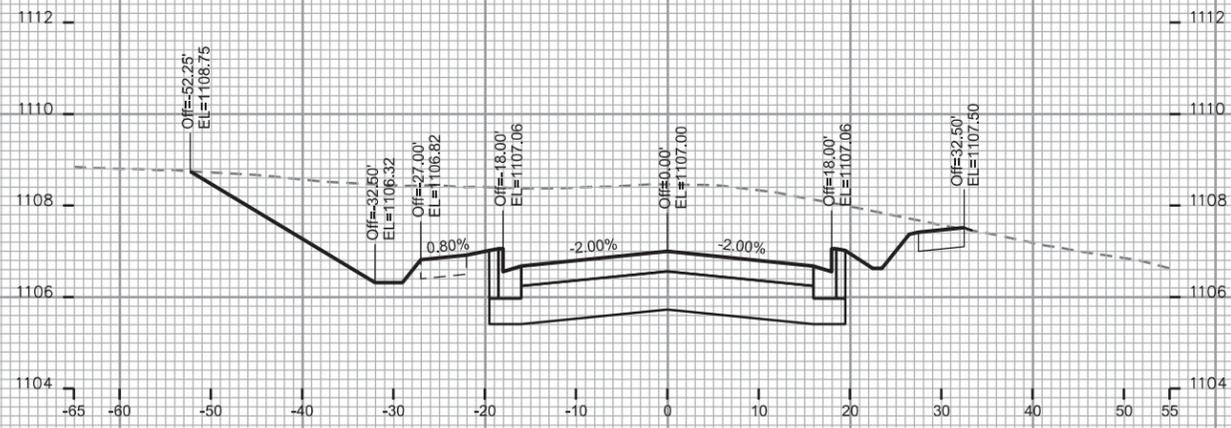
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CROSS SECTIONS

FORTUNATE PL
CITY OF MADISON
REV. JOHN SAPP 06-24-14



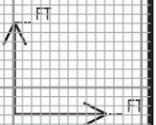
FUTURE SIDEWALK;
WORK BY OTHERS (TYP.)

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CROSS SECTIONS

FORTUNATE PL

CITY OF MADISON

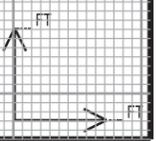
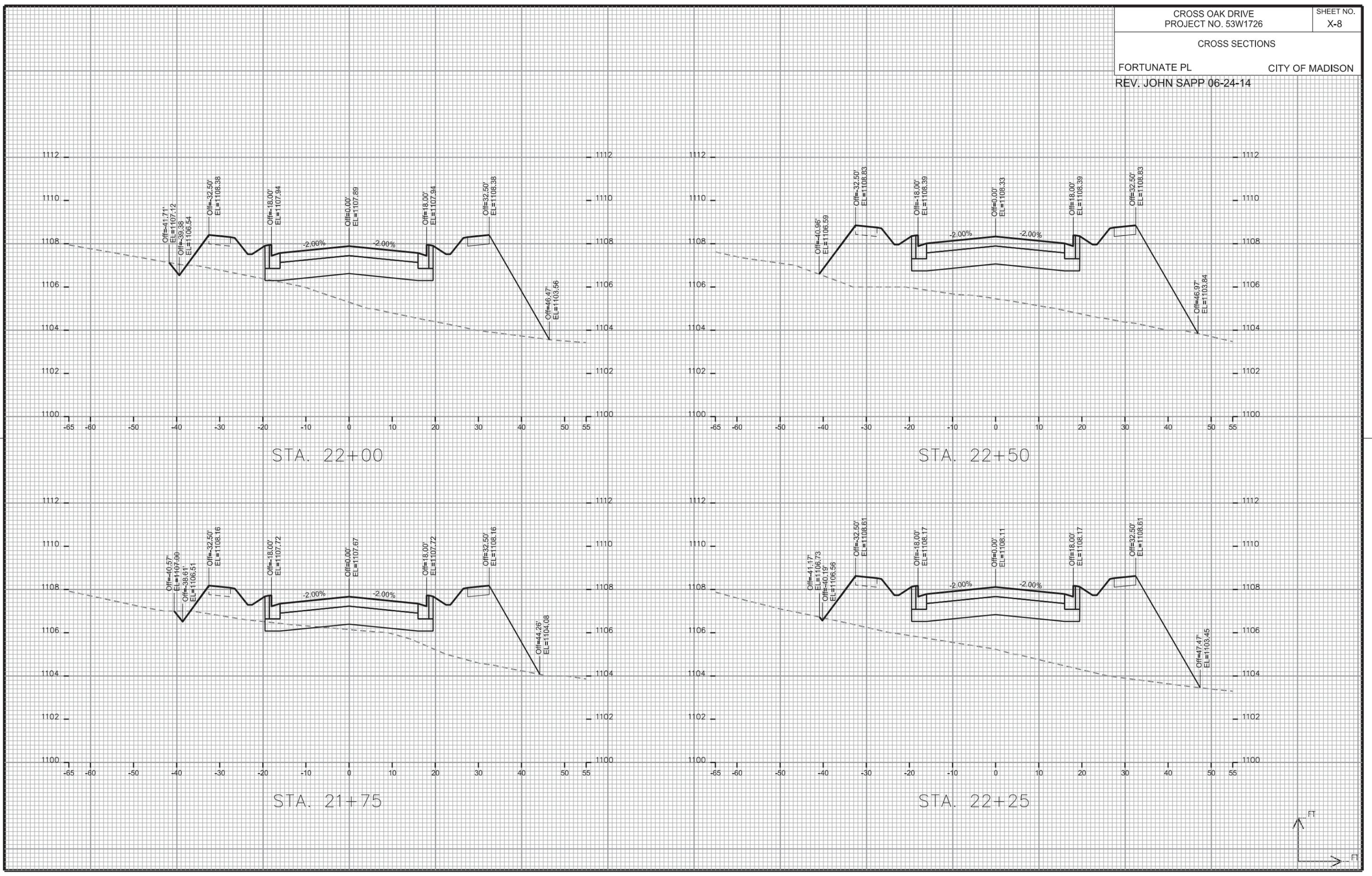
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CROSS SECTIONS

FORTUNATE PL

CITY OF MADISON

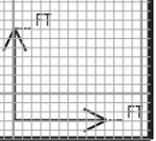
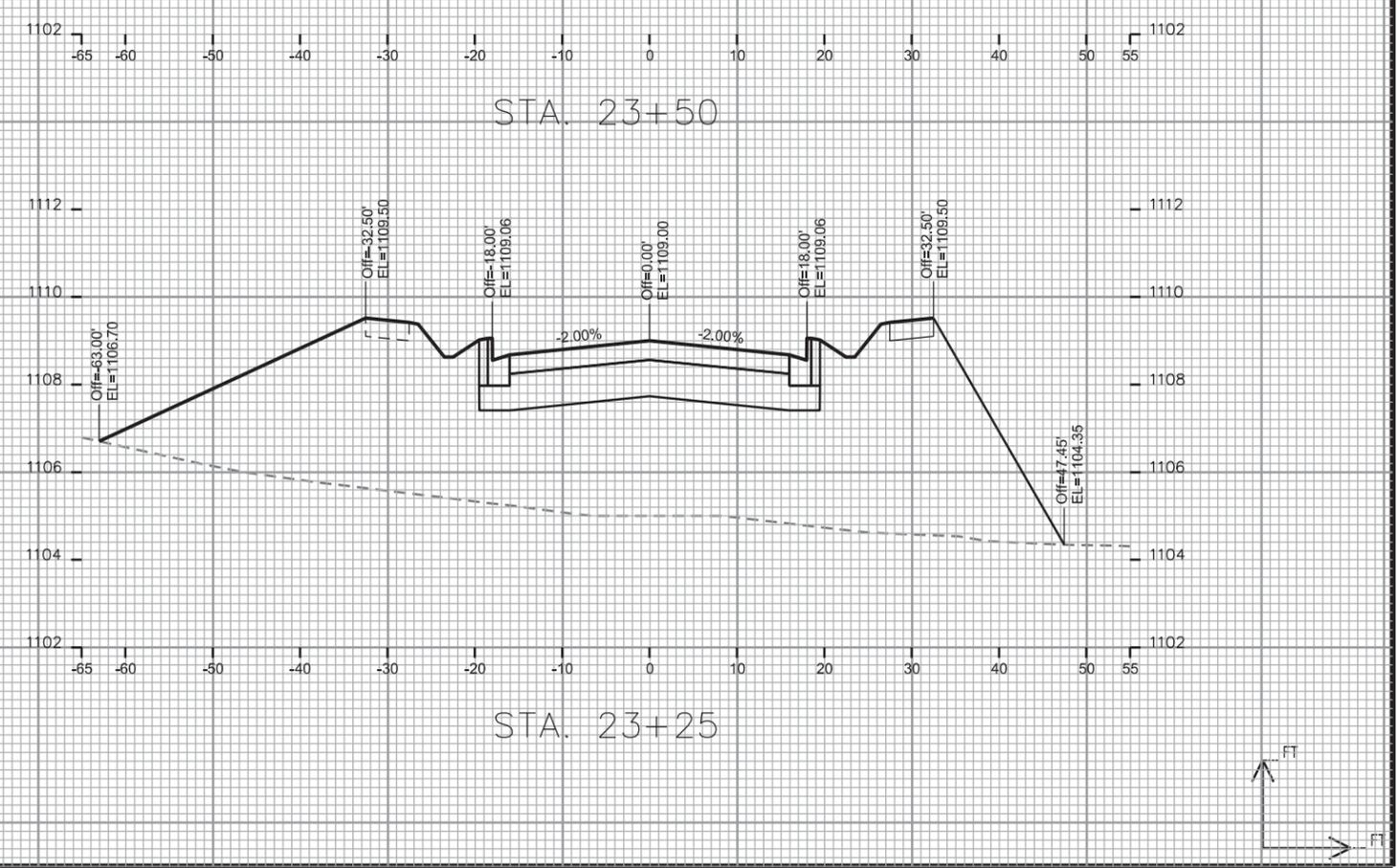
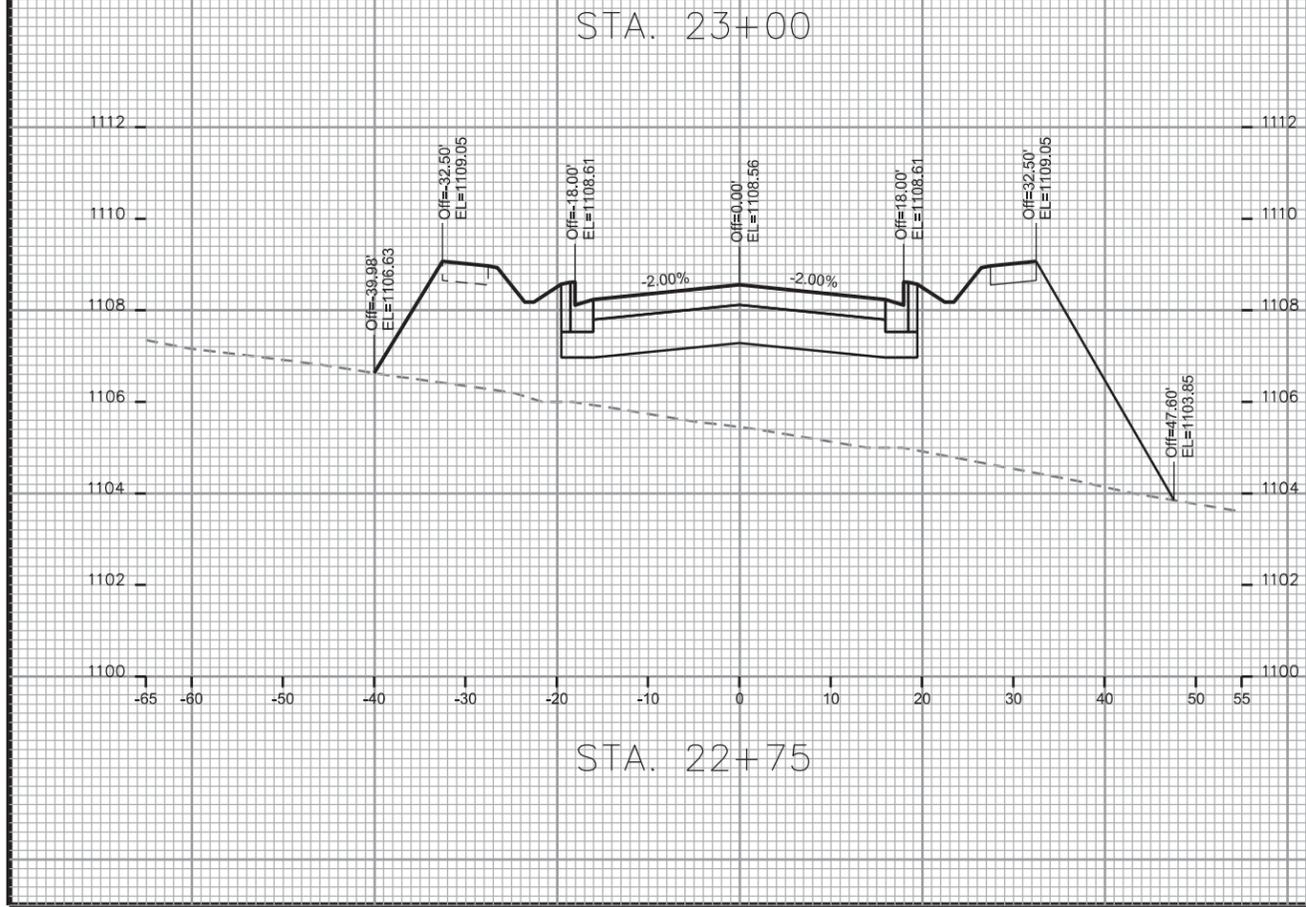
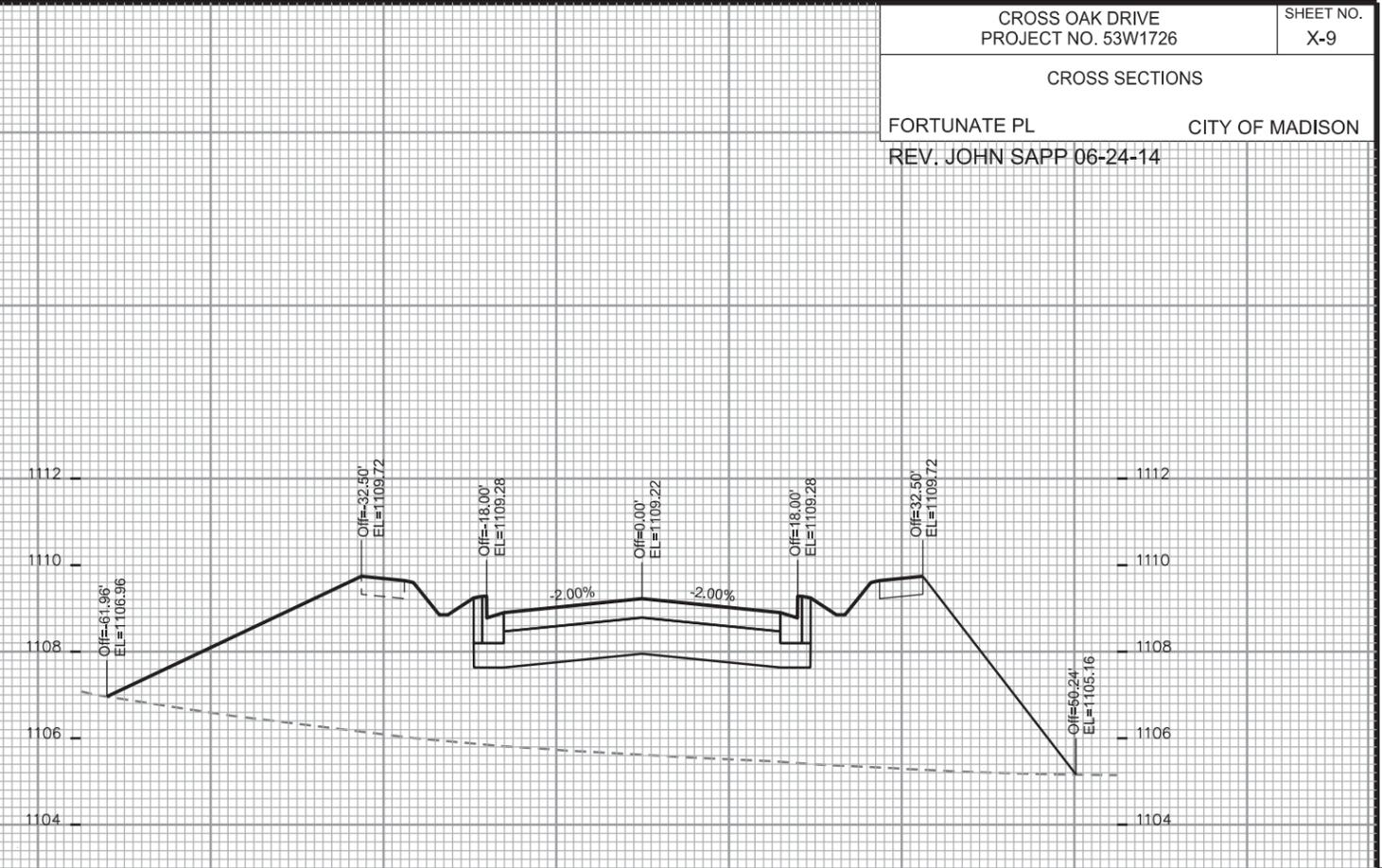
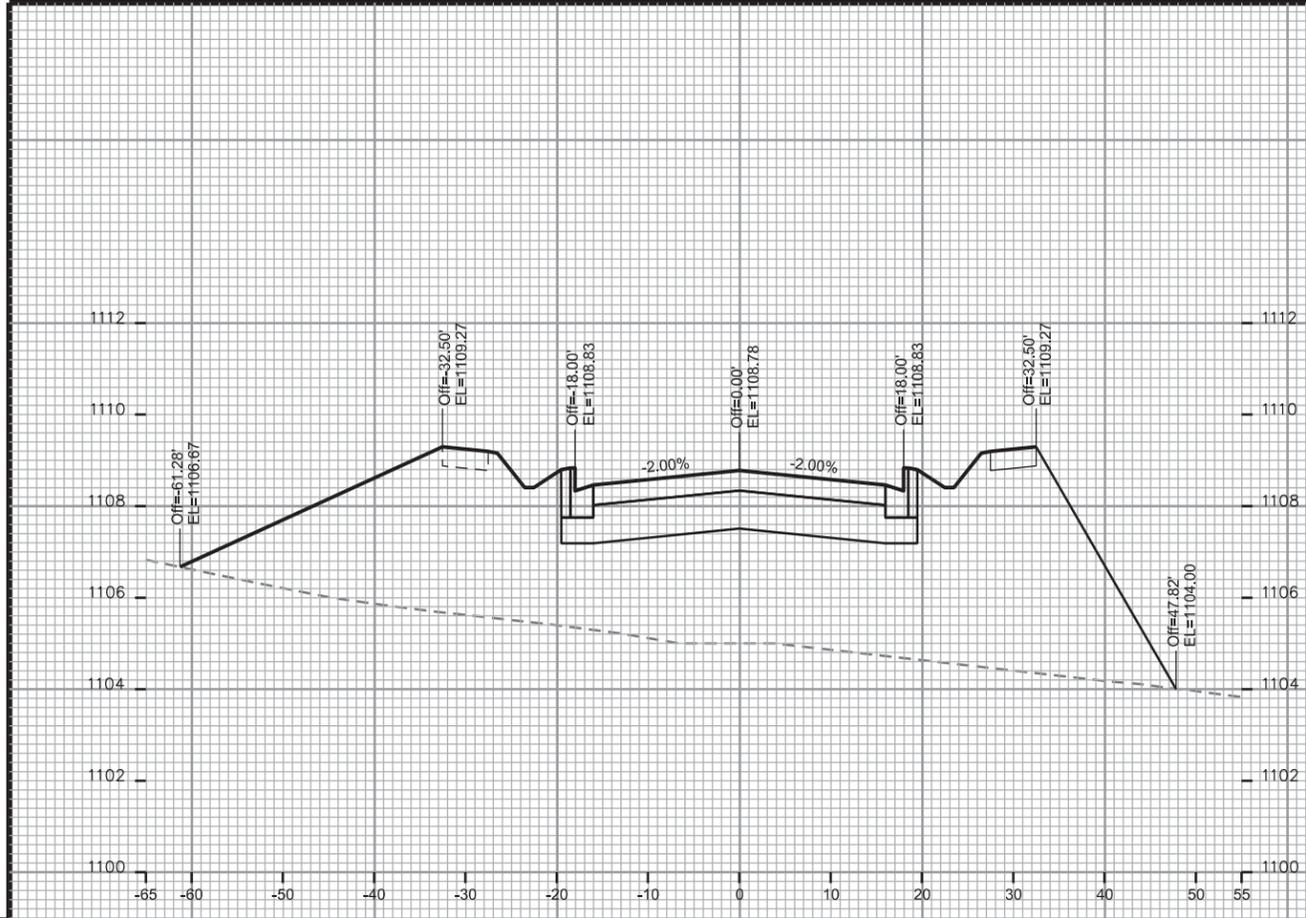
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CROSS SECTIONS

FORTUNATE PL

CITY OF MADISON

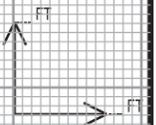
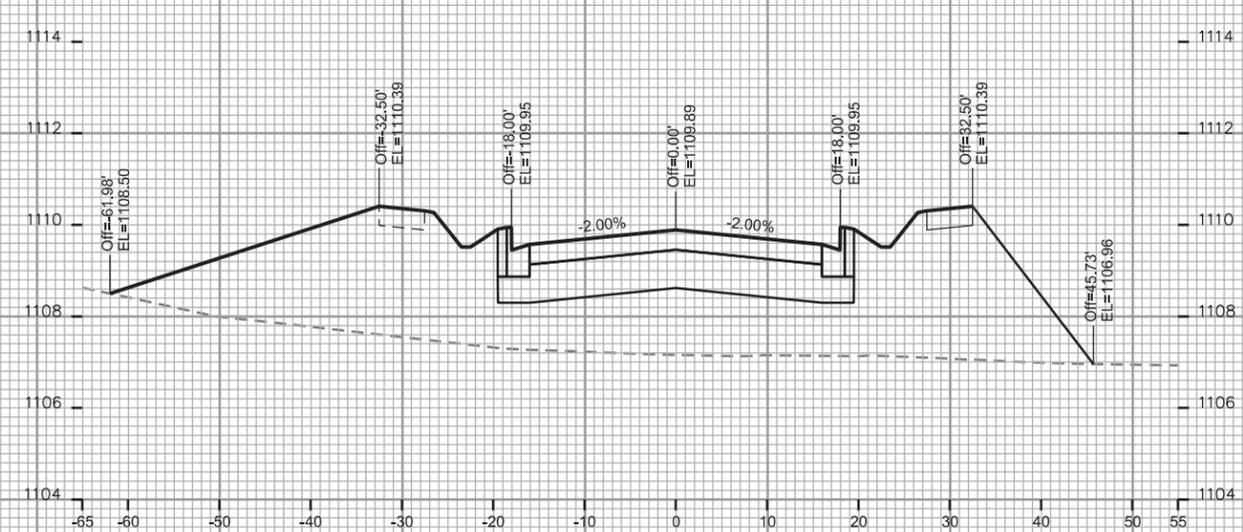
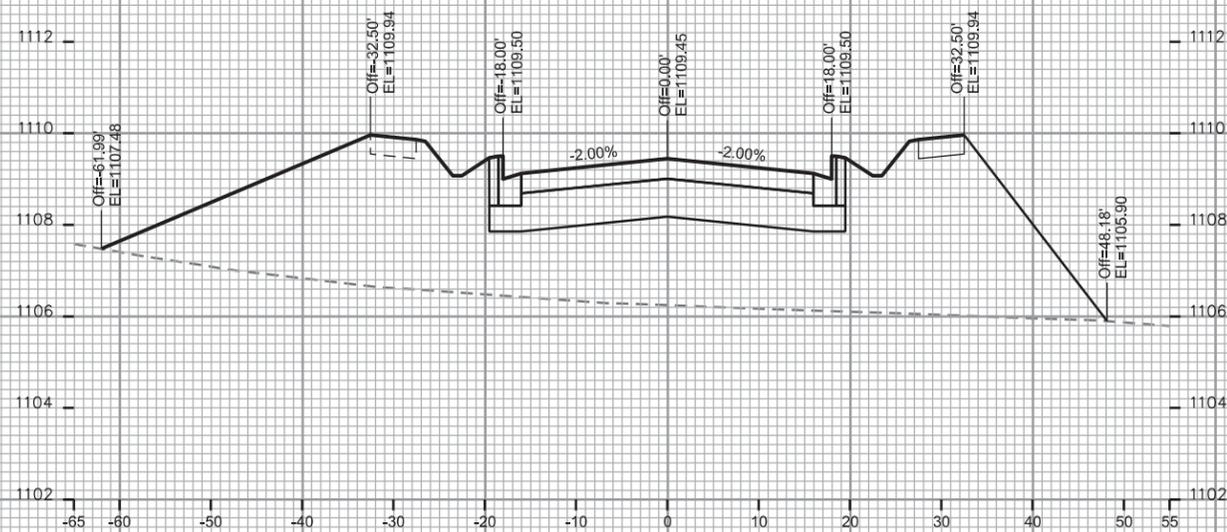
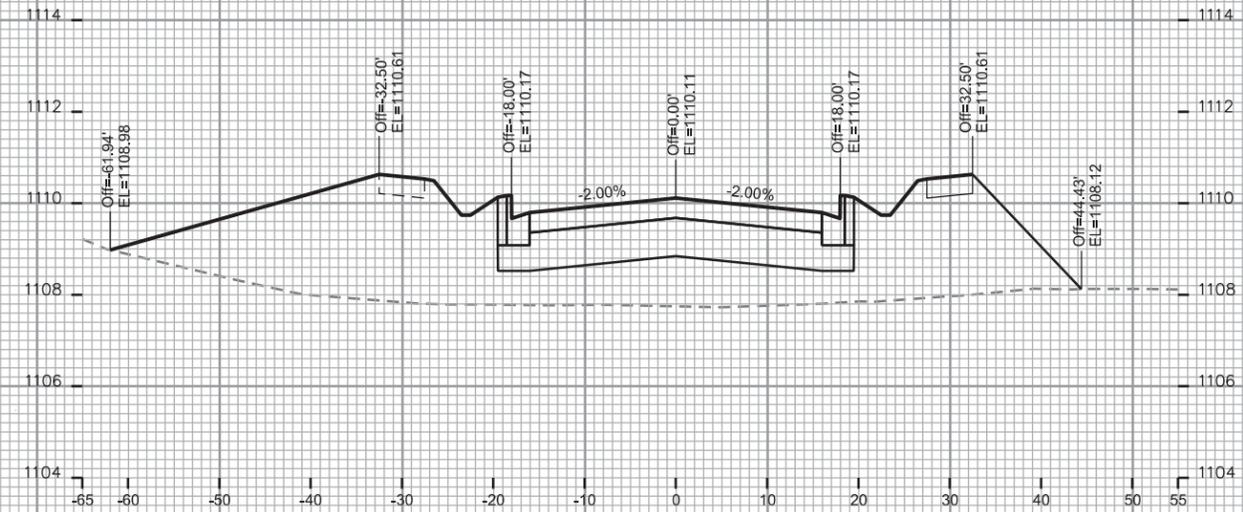
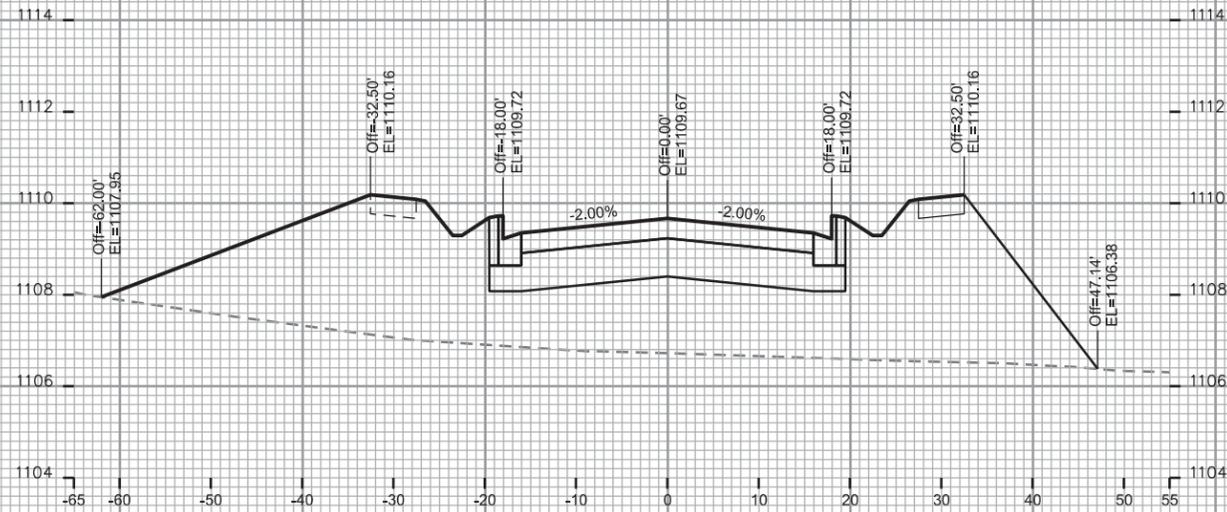
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CROSS SECTIONS

FORTUNATE PL

CITY OF MADISON

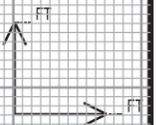
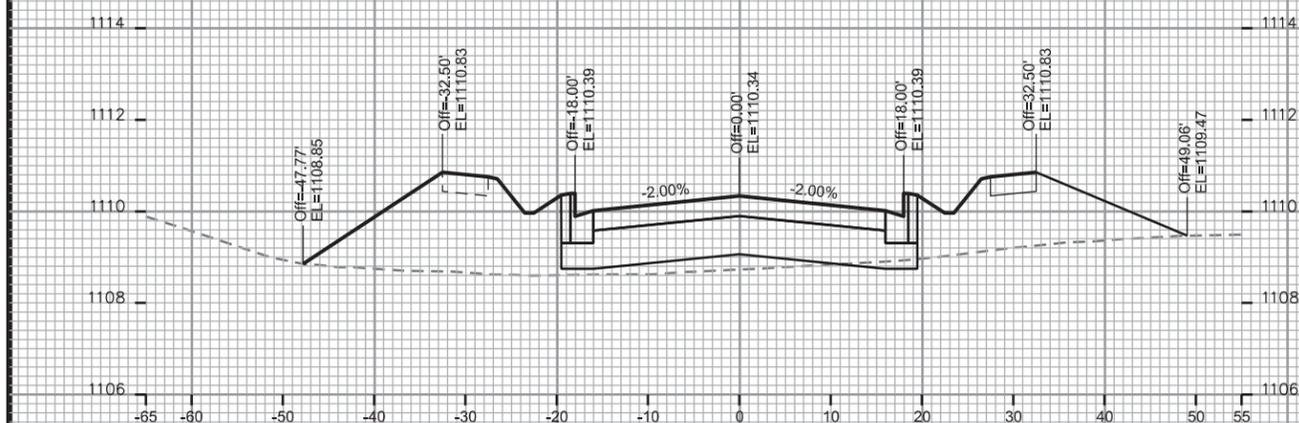
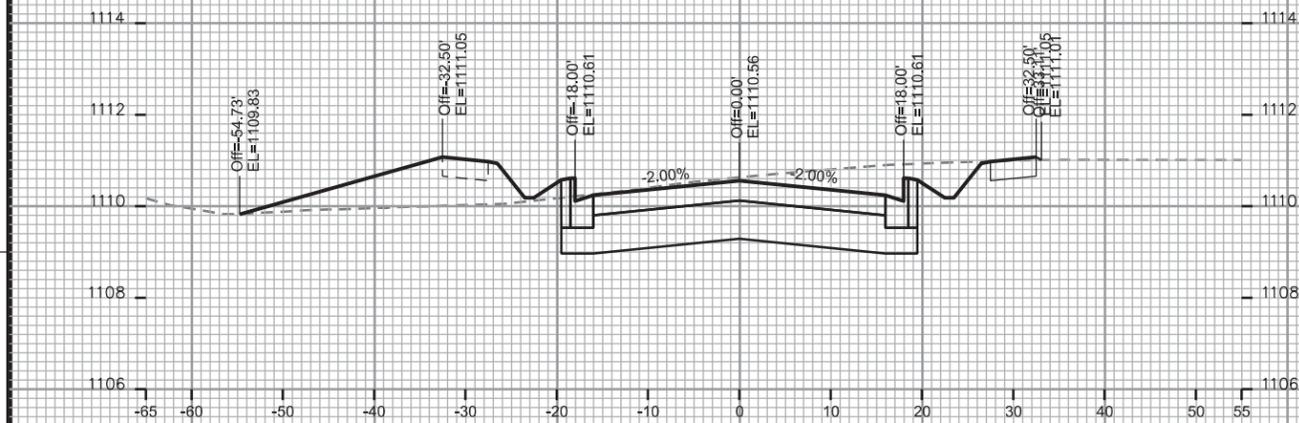
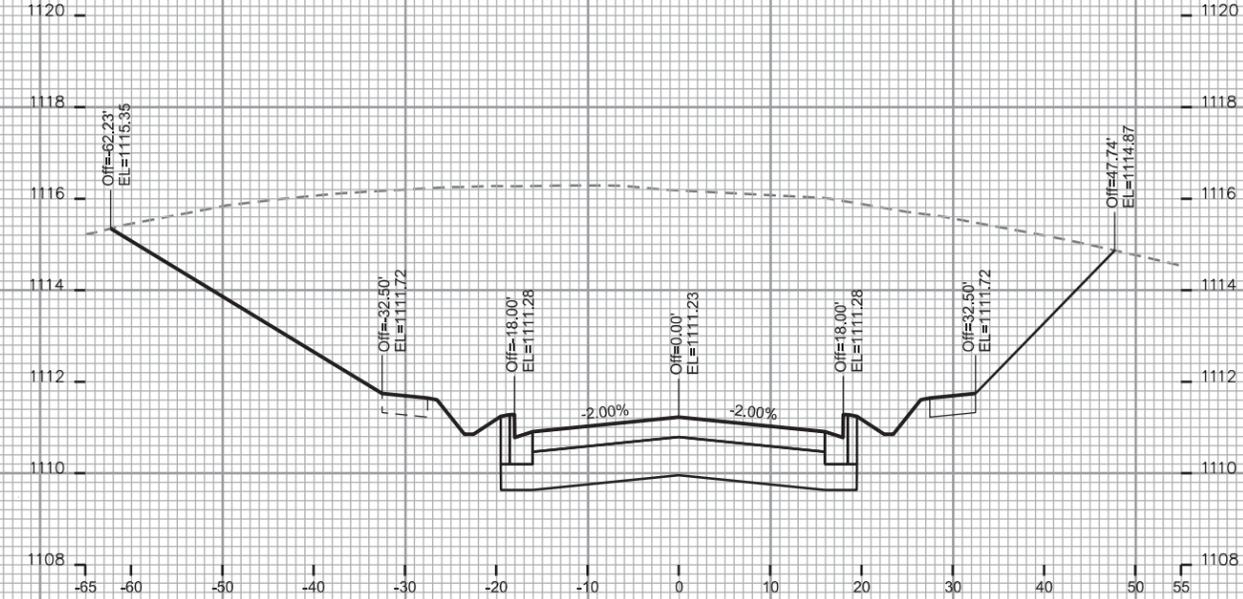
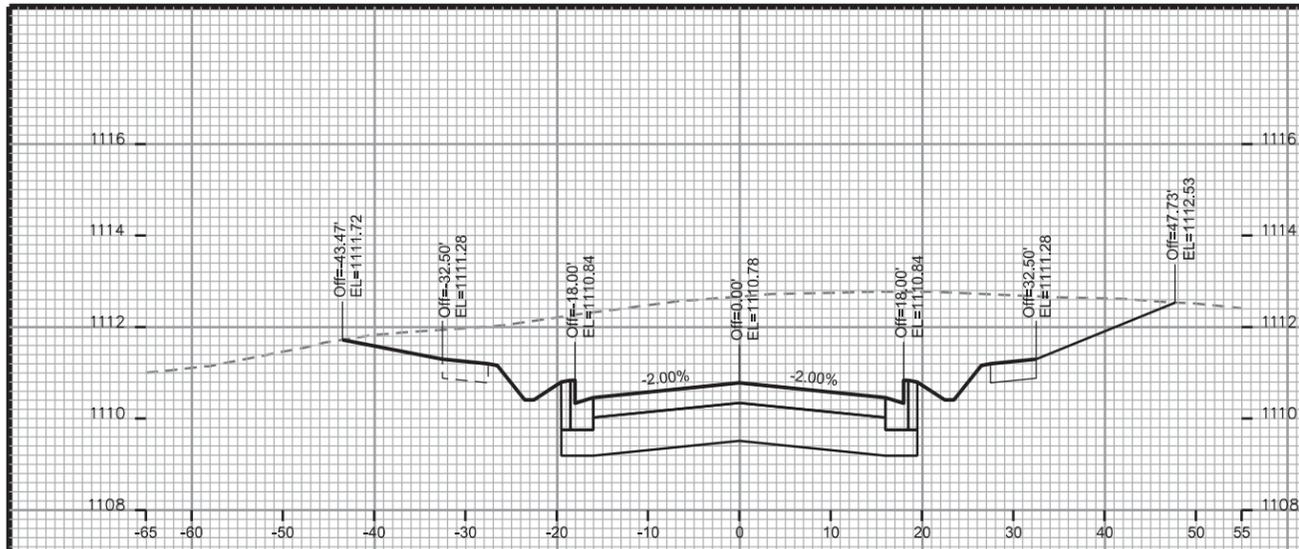
REV. JOHN SAPP 06-24-14

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

FORTUNATE PL

CITY OF MADISON

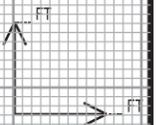
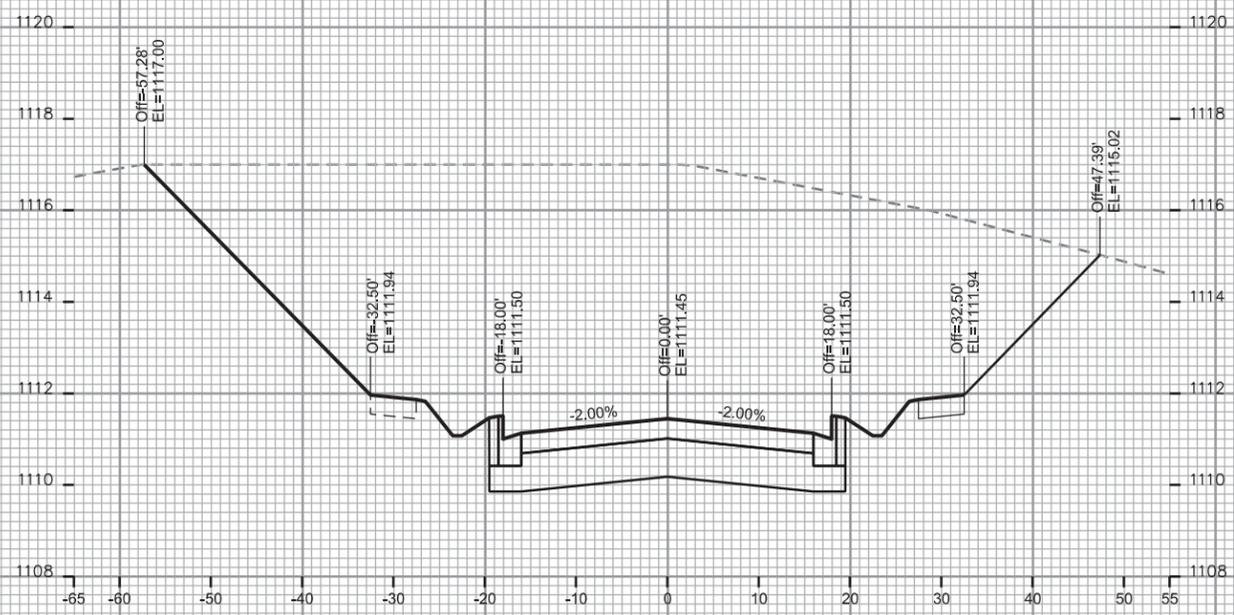
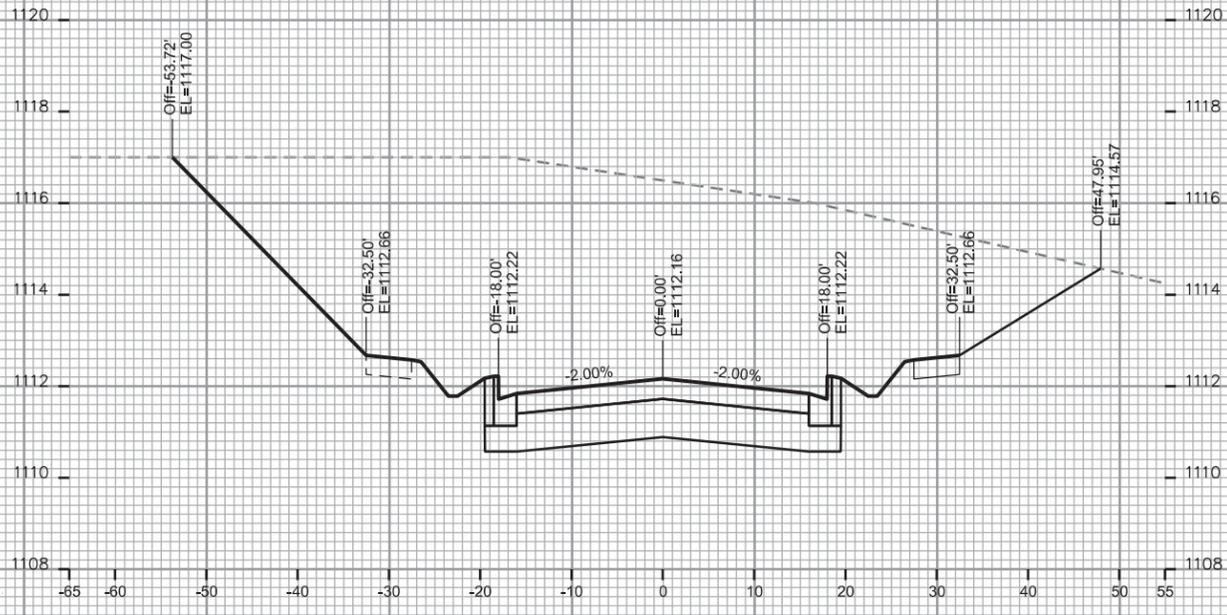
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