

RUSH

Contract Routing Form

ROUTING: Urgent Rush

printed on: 07/17/2014

Contract between: RG Huston Company Inc
and Dept. or Division: Engineering Division
Name/Phone Number:

Project: Cross Oak Dr., Fortunate Pl., Redan Dr. and Silicon Prairie
Parkway Assessment Dist 2014

Contract No.: 7224
Enactment No.: RFS-14-00557
Dollar Amount: 1,063,505.34

File No.: 34570
Enactment Date: 07/16/2014

(Please DATE before routing)

Signatures Required	Date Received	Date Signed
City Clerk	7-17-14	7-17-14
Director of Civil Rights	7/17/14	7/18/14 <i>ME</i>
Risk Manager	7-18-14	7/18/14 <i>REV</i>
Finance Director	7-18-14	7-18-14 <i>R</i>
City Attorney	922 7-21-14	7-21-14
Mayor	7-22-14	7-22-14

Please return signed Contracts to the City Clerk's Office
Room 103, City-County Building for filing.

Original + 2 Copies

Pb # 81537724

07/17/2014 15:31:46 enjls - John Sapp, 261-5580

RUSH

Dis Rights: OK / N/A / Problem - Hold
Prev Wage: AA / Agency / No
Contract Value: See above
AA Plan: Approved
Amendment / Addendum # _____
Type: POS / Dvlp / Shdv / Gov't /
Grant / PW / Goa / Loan / Agrmt



Legislation Details (With Text)

File #: 34570 **Version:** 1 **Name:** Awarding Public Works Contract No. 7224, Cross Oak Drive, Fortunate Place, Redan Drive and Silicon Prairie Parkway Assessment District - 2014.

Type: Resolution **Status:** Passed

File created: 6/23/2014 **In control:** BOARD OF PUBLIC WORKS

On agenda: 7/15/2014 **Final action:** 7/15/2014

Enactment date: 7/16/2014 **Enactment #:** RES-14-00557

Title: Awarding Public Works Contract No. 7224, Cross Oak Drive, Fortunate Place, Redan Drive and Silicon Prairie Parkway Assessment District - 2014.

Sponsors: BOARD OF PUBLIC WORKS

Indexes:

Code sections:

Attachments: 1. Contract 7224.pdf

Date	Ver.	Action By	Action	Result
7/15/2014	1	COMMON COUNCIL	Adopt Under Suspension of Rules 2.04, 2.05, 2.24, and 2.25	Pass
7/2/2014	1	BOARD OF PUBLIC WORKS	RECOMMEND TO COUNCIL TO ADOPT UNDER SUSPENSION OF RULES 2.04, 2.05, 2.24, & 2.25 - REPORT OF OFFICER	Pass
6/23/2014	1	Engineering Division	Refer	

Budget authority is available in the Acct. Nos. listed on the attached.

Awarding Public Works Contract No. 7224, Cross Oak Drive, Fortunate Place, Redan Drive and Silicon Prairie Parkway Assessment District - 2014.

BE IT RESOLVED, that the following low bids for miscellaneous improvements be accepted and that the Mayor and City Clerk be and are hereby authorized and directed to enter into a contract with the low bidders contained herein, subject to the Contractor's compliance with Section 39.02 of the Madison General Ordinances concerning compliance with the Affirmative Action provisions **and subject to the Contractor's compliance with Section 33.07 of the Madison General Ordinances regarding Best Value Contracting:**

BE IT FURTHER RESOLVED, that the funds be encumbered to cover the cost of the projects contained herein.

See attached document (Contract No. 7224) for itemization of bids.

PROJECT	CONTRACTOR	AMOUNT OF BID
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CONTRACT NO. 7224
 CROSS OAK DRIVE, FORTUNATE PLACE, REDAN DRIVE AND SILICON PRAIRIE PARKWAY ASSESSMENT
 DISTRICT - 2014

RG HUSTON COMPANY, INC.

\$1,063,505.34

Acct. No. CS53-58250-810354-00-53W1726	\$553,180.47
Contingency 8%±	44,254.00
Plan & Prep 15%±	<u>82,975.53</u>
Sub-Total	\$680,410.00

Acct. No. CS53-58270-810354-00-53W1726	\$17,362.00
Contingency 8%±	1,389.00
Plan & Prep 15%±	<u>2,609.00</u>
Sub-Total	\$21,360.00

Acct. No. ESTM-58270-810387-00-53W1726	\$131,299.33
Contingency 8%±	<u>10,500.67</u>
Sub-Total	\$141,800.00

Acct. No. ES01-58275-810335-00-53W1726	\$110,402.39
Contingency 8%±	<u>8,837.61</u>
Sub-Total	\$119,240.00

Acct. No. EW01-58273-810455-00-53W1726	\$251,261.15
Contingency 8%±	<u>20,098.85</u>
Sub-Total	\$271,360.00

GRAND TOTAL	<u>\$1,234,170.00</u>
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**Wisconsin Office of the Commissioner of Insurance
Licensed Producer Search***

Friday, July 11, 2014

Pa 2

BARTON, DENNIS M
NEW BERLIN WI

Year of Birth: 1938
Status: Active
License Number: 125401
NPN**: 283633
Effective Date: 01-01-1982
Expiration Date: 12-31-2014
License Type: Resident Intermediary Indv
CE Compliance: 12-31-2014

Lines of Authority

Line of Authority	Residency	Effective Date	Status
Casualty	Resident	01-01-1982	Active
Fidelity	Resident	01-01-1982	Active
Property	Resident	01-01-1982	Active

Adjudicated Administrative Actions

Legal File: 72-C7044	Adjudicated Date: 06-14-1972
Actions: Forfeiture: \$500 Allegations: payment as counselor and agent Note: If this administrative action was settled with a stipulation, the Respondent denied the allegations but both parties agreed to the action taken except as noted in the stipulation. See the actual stipulation or order by viewing it at: https://ociaccess.oci.wi.gov/OrderInfo/OrdInfo.oci	

Appointments and Terminations

Company Name	Qualification Type/Status	Effective Date	Termination Date	Termination Reason
ACUITY, A Mutual Insurance Company	CAS/Inactive	05-10-2005	10-14-2011	Canceled
	PROP/Inactive	05-10-2005	10-14-2011	Canceled
American Casualty Company of Reading, Pennsylvania	CAS/Inactive	08-27-1993	11-17-2004	Vol. Surrender per Agent Rqst
	PROP/Inactive	08-27-1993	11-17-2004	Vol. Surrender per Agent Rqst
American Insurance Company, The	CAS/Active	06-08-1987		
	PROP/Active	06-08-1987		
Amwest Surety Insurance Company	CAS/Inactive	10-11-1994	10-25-1996	Inadequate Production:
Automobile Insurance Company	CAS/Inactive	06-15-1993	12-05-2009	Canceled
	PROP/Inactive	06-15-1993	12-05-2009	Canceled

of Hartford, Connecticut, The					
Berkley Insurance Company	CAS/Active	07-19-2013			
Berkley Regional Insurance Company	CAS/Active	03-05-2008			
	PROP/Active	03-05-2008			
Capitol Indemnity Corporation	CAS/Active	08-29-1994			
	PROP/Active	08-29-1994			
Carolina Casualty Insurance Company	CAS/Active	11-13-1996			
	PROP/Active	11-13-1996			
Charter Oak Fire Insurance Company, The	CAS/Active	01-13-2006			
	PROP/Active	01-13-2006			
Continental Casualty Company	CAS/Active	08-27-1993			
	PROP/Active	08-27-1993			
Economy Fire & Casualty Company	CAS/Inactive	12-09-1998	11-03-2003	Inadequate Production	
	PROP/Inactive	12-09-1998	11-03-2003	Inadequate Production	
Farmington Casualty Company	CAS/Inactive	06-15-1993	11-20-2000	Vol. Surrender per Agent Rqst	
	PROP/Inactive	06-15-1993	11-20-2000	Vol. Surrender per Agent Rqst	
Fidelity and Deposit Company of Maryland	CAS/Active	09-01-2004			
	PROP/Active	09-01-2004			
Fidelity and Guaranty Insurance Company	CAS/Inactive	03-02-1992	12-05-2009	Canceled	
	PROP/Inactive	03-02-1992	12-05-2009	Canceled	
Guarantee Company of North America USA, The	CAS/Active	09-09-2010			
Gulf Insurance Company	CAS/Inactive	09-14-1993	06-30-2005	Inadequate Production	
	PROP/Inactive	09-14-1993	06-30-2005	Inadequate Production	
Hanover Insurance Company, The	CAS/Active	10-12-2004			
	PROP/Active	10-12-2004			
Liberty Mutual Fire Insurance Company	CAS/Active	05-20-2009			
Liberty Mutual Insurance Company	CAS/Active	05-20-2009			
LM Insurance Corporation	CAS/Active	05-20-2009			

Massachusetts Bay Insurance Company	CAS/Active	10-12-2004		
	PROP/Active	10-12-2004		
National Fire Insurance Company of Hartford	CAS/Inactive	08-27-1993	11-17-2004	Vol. Surrender per Agent Rqst
	PROP/Inactive	08-27-1993	11-17-2004	Vol. Surrender per Agent Rqst
Old Republic Insurance Company	CAS/Active	12-18-1990		
	PROP/Active	12-18-1990		
Old Republic Surety Company	CAS/Active	12-18-1990		
	PROP/Active	12-18-1990		
Phoenix Insurance Company, The	CAS/Active	01-13-2006		
	PROP/Active	01-13-2006		
Seaboard Surety Company	CAS/Inactive	12-09-1998	02-17-2009	Canceled
	PROP/Inactive	12-09-1998	02-17-2009	Canceled
St. Paul Fire and Marine Insurance Company	CAS/Active	12-09-1998		
	PROP/Active	12-09-1998		
St. Paul Guardian Insurance Company	CAS/Inactive	12-09-1998	12-05-2009	Canceled
	PROP/Inactive	12-09-1998	12-05-2009	Canceled
St. Paul Mercury Insurance Company	CAS/Inactive	12-09-1998	12-05-2009	Canceled
	PROP/Inactive	12-09-1998	12-05-2009	Canceled
Standard Fire Insurance Company, The	CAS/Inactive	06-15-1993	12-05-2009	Canceled
	PROP/Inactive	06-15-1993	12-05-2009	Canceled
Transcontinental Insurance Company	CAS/Inactive	08-27-1993	12-11-2002	Inadequate Production
	PROP/Inactive	08-27-1993	12-11-2002	Inadequate Production
Transportation Insurance Company	CAS/Inactive	08-27-1993	12-06-2002	Inadequate Production
	PROP/Inactive	08-27-1993	12-06-2002	Inadequate Production
Travelers Casualty and Surety Company	CAS/Active	06-15-1993		
	PROP/Active	06-15-1993		
Travelers Casualty and Surety Company of America	CAS/Active	06-15-1993		
	PROP/Active	06-15-1993		
Travelers Casualty Company of Connecticut	CAS/Inactive	06-15-1993	11-20-2000	Vol. Surrender per Agent Rqst
	PROP/Inactive	06-15-1993	11-20-2000	Vol. Surrender per Agent Rqst
Travelers Casualty Insurance Company of America	CAS/Inactive	06-15-1993	11-22-2000	Vol. Surrender per Agent Rqst
	PROP/Inactive	06-15-1993	11-22-2000	Vol. Surrender per

				Agent Rqst
Travelers Commercial Insurance Company	CAS/Inactive	06-15-1993	11-22-2000	Vol. Surrender per Agent Rqst
	PROP/Inactive	06-15-1993	11-22-2000	Vol. Surrender per Agent Rqst
Travelers Home and Marine Insurance Company, The	CAS/Active	12-11-2007		
	PROP/Active	12-11-2007		
Travelers Indemnity Company of America, The	CAS/Active	01-13-2006		
	PROP/Active	01-13-2006		
Travelers Indemnity Company of Connecticut, The	CAS/Active	01-13-2006		
	PROP/Active	01-13-2006		
Travelers Indemnity Company, The	CAS/Active	01-13-2006		
	PROP/Active	01-13-2006		
Travelers Property Casualty Company of America	CAS/Active	01-13-2006		
	PROP/Active	01-13-2006		
United Fire & Casualty Company	CAS/Active	11-01-1996		
	PROP/Active	11-01-1996		
United States Fidelity and Guaranty Company	CAS/Inactive	03-17-1986	12-05-2009	Canceled
	PROP/Inactive	03-17-1986	12-05-2009	Canceled
USF&G Insurance Company of Wisconsin	CAS/Inactive	05-24-1995	01-01-2001	Company Merger
	PROP/Inactive	05-24-1995	01-01-2001	Company Merger
Valley Forge Insurance Company	CAS/Inactive	08-27-1993	07-11-2003	Inadequate Production
	PROP/Inactive	08-27-1993	07-11-2003	Inadequate Production
West Bend Mutual Insurance Company	CAS/Inactive	01-12-2001	12-27-2011	Canceled
	PROP/Inactive	01-12-2001	12-27-2011	Canceled
Western Surety Company	CAS/Active	10-28-2010		
	CAS/Inactive	03-19-2002	09-21-2010	Vol. Surrender per Agent Rqst
XL Specialty Insurance Company	CAS/Inactive	01-05-1993	11-03-2006	Vol. Surrender per Agent Rqst
	PROP/Inactive	01-05-1993	11-03-2006	Vol. Surrender per Agent Rqst

* Photocopies of this report provided to an insurer should be confirmed on-line for accuracy.

** NPN = National Producer Number assigned by the National Insurance Producer Registry to assist with nonresident licensing in the future.

\$1,063,505.34
FILE

BID OF R. G. HUSTON COMPANY, INC.

2014

PROPOSAL, CONTRACT, BOND AND SPECIFICATIONS

FOR

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

CONTRACT NO. 7224

IN

MADISON, DANE COUNTY, WISCONSIN

AWARDED BY THE COMMON COUNCIL
MADISON, WISCONSIN ON JULY 15, 2014

CITY ENGINEERING DIVISION
1600 EMIL STREET
MADISON, WISCONSIN 53713

<https://bidexpress.com/login>

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

CONTRACT NO. 7224

INDEX

SECTION A: ADVERTISEMENT FOR BIDS AND INSTRUCTIONS TO BIDDERS.....	A-1
SECTION B: PROPOSAL SECTION.....	B-1
SECTION C: SMALL BUSINESS ENTERPRISE.....	C-1
SECTION D: SPECIAL PROVISIONS.....	D-1
SECTION E: BIDDER'S ACKNOWLEDGEMENT.....	E-1
SECTION F: DISCLOSURE OF OWNERSHIP & BEST VALUE CONTRACTING.....	F-1
SECTION G: BID BOND.....	G-1
SECTION H: AGREEMENT.....	H-1
SECTION I: PAYMENT AND PERFORMANCE BOND.....	I-1
SECTION J: PREVAILING WAGE RATES.....	J-1

This Proposal, and Agreement have
been prepared by:

CITY ENGINEERING DIVISION
CITY OF MADISON
MADISON, DANE COUNTY, WISCONSIN



Robert F. Phillips, P.E., City Engineer

RFP: js

SECTION A: ADVERTISEMENT FOR BIDS AND INSTRUCTIONS TO BIDDERS

REQUEST FOR BID FOR PUBLIC WORKS CONSTRUCTION
CITY OF MADISON, WISCONSIN

A BEST VALUE CONTRACTING MUNICIPALITY

PROJECT NAME:	CROSS OAK DRIVE, FORTUNATE PLACE, REDAN DRIVE AND SILICON PRAIRIE PARKWAY ASSESSMENT DISTRICT - 2014
CONTRACT NO.:	7224
SBE GOAL	20%
BID BOND	5%
PRE BID MEETING (1:00 P.M.)	JUNE 20, 2014
PREQUALIFICATION APPLICATION DUE (1:00 P.M.)	JUNE 20, 2014
BID SUBMISSION (1:00 P.M.)	JUNE 27, 2014
BID OPEN (1:30 P.M.)	JUNE 27, 2014
PUBLISHED IN WSJ	6/13/14 & 6/20/14

PRE BID MEETING: Representatives of the Affirmative Action Department will be present to discuss the Small Business Enterprise requirements at 1600 Emil Street, Madison Wisconsin.

PREQUALIFICATION APPLICATION: Forms are available on our website, www.cityofmadison.com/business/pw/forms.cfm. If not currently prequalified in the categories listed in Section A, an amendment to your Prequalification will need to be submitted prior to the same due date. Postmark is not applicable.

BIDS TO BE SUBMITTED by hand to 1600 EMIL ST., MADISON, WI 53713 or online at www.bidexpress.com.

THE BID OPENING is at 1600 EMIL ST., MADISON, WI53713.

STANDARD SPECIFICATIONS

The City of Madison's Standard Specifications for Public Works Construction - 2014 Edition, as supplemented and amended from time to time, forms a part of these contract documents as if attached hereto.

These standard specifications are available on the City of Madison Public Works website, www.cityofmadison.com/Business/PW/specs.cfm.

The Contractor shall review these Specifications prior to preparation of proposals for the work to be done under this contract, with specific attention to Article 102, "BIDDING REQUIREMENTS AND CONDITIONS" and Article 103, "AWARD AND EXECUTION OF THE CONTRACT." For the convenience of the bidder, below are highlights of three subsections of the specifications.

SECTION 102.1: PRE-QUALIFICATION OF BIDDERS

In accordance with Wisconsin State Statutes 66.0901 (2) and (3), all bidders must submit to the Board of Public Works proof of responsibility on forms furnished by the City. The City requires that all bidders be qualified on a biennial basis.

Bidders must present satisfactory evidence that they have been regularly engaged in the type of work specified herein and they are fully prepared with necessary capital, materials, machinery and supervisory personnel to conduct the work to be contracted for to the satisfaction of the City. All bidders must be pre-

qualified by the Board of Public Works for the type of construction on which they are bidding prior to the opening of the bid.

In accordance with Section 39.02(9)(a)l. of the General Ordinances, all bidders shall submit in writing to the Affirmative Action Division Manager of the City of Madison, a Certificate of Compliance or an Affirmative Action Plan at the same time or prior to the submission of the proof of responsibility forms.

The bidder shall be disqualified if the bidder fails to or refuses to, prior to opening of the bid, submit a Certificate of compliance, Affirmative Action Plan or Affirmative Action Data Update, as applicable, as defined by Section 39.02 of the General Ordinances (entitled Affirmative Action) and as required by Section 102.11 of the Standard Specifications.

SECTION 102.4 PROPOSAL

No bid will be accepted that does not contain an adequate or reasonable price for each and every item named in the Schedule of Unit Prices.

A lump sum bid for the work in accordance with the plans and specifications is required. The lump sum bid must be the same as the total amounts bid for the various items and it shall be inserted in the space provided.

All papers bound with or attached to the proposal form are considered a part thereof and must not be detached or altered when the proposal is submitted. The plans, specifications and other documents designated in the proposal form will be considered a part of the proposal whether attached or not.

A proposal submitted by an individual shall be signed by the bidder or by a duly authorized agent. A proposal submitted by a partnership shall be signed by a member/partner or by a duly authorized agent thereof. A proposal submitted by a corporation shall be signed by an authorized officer or duly authorized registered agent of such corporation, and the proposal shall show the name of the State under the laws of which such corporation was chartered. The required signatures shall in all cases appear in the space provided thereof on the proposal.

Each proposal shall be placed, together with the proposal guaranty, in a sealed envelope, so marked as to indicate name of project, the contract number or option to which it applies, and the name and address of the Contractor or submitted electronically through Bid Express (www.bidexpress.com). Proposals will be accepted at the location, the time and the date designated in the advertisement. Proposals received after the time and date designated will be returned to the bidder unopened.

The Bidder shall execute the Disclosure of Ownership form. REFER TO SECTION F.

SECTION 102.5: BID DEPOSIT (PROPOSAL GUARANTY)

All bids, sealed or electronic, must be accompanied with a Bid Bond equal to at least 5% of the bid or a Certificate of Annual/Biennial Bid Bond or certified check, payable to the City Treasurer. Bid deposit of the successful bidders shall be returned within forty-eight (48) hours following execution of the contract and bond as required.

PREVAILING WAGE RATES

Prevailing Wage Rates may be required and are attached in Section J of the contract. See Special Provisions to determine applicability.

Bidders for this Contract(s) must be Pre-Qualified for at least one of the following type(s) of construction denoted by an

Building Demolition

- 101 Asbestos Removal
 120 House Mover

- 110 Building Demolition

Street, Utility and Site Construction

- 201 Asphalt Paving
 205 Blasting
 210 Boring/Pipe Jacking
 215 Concrete Paving
 220 Con. Sidewalk/Curb & Gutter/Misc. Flat Work
 221 Concrete Bases and Other Concrete Work
 222 Concrete Removal
 225 Dredging
 230 Fencing
 235 Fiber Optic Cable/Conduit Installation
 240 Grading and Earthwork
 241 Horizontal Saw Cutting of Sidewalk
 242 Infrared Seamless Patching
 245 Landscaping, Maintenance
 250 Landscaping, Site and Street
 251 Parking Ramp Maintenance
 252 Pavement Marking
 255 Pavement Sealcoating and Crack Sealing
 260 Petroleum Above/Below Ground Storage Tank Removal/Installation
 262 Playground Installer
 265 Retaining Walls, Precast Modular Units

- 270 Retaining Walls, Reinforced Concrete
 275 Sanitary, Storm Sewer and Water Main Construction
 276 Sawcutting
 280 Sewer Lateral Drain Cleaning/Internal TV Insp.
 285 Sewer Lining
 290 Sewer Pipe Bursting
 295 Soil Borings
 300 Soil Nailing
 305 Storm & Sanitary Sewer Laterals & Water Svc.
 310 Street Construction
 315 Street Lighting
 318 Tennis Court Resurfacing
 320 Traffic Signals
 325 Traffic Signing & Marking
 332 Tree pruning/removal
 333 Tree, pesticide treatment of
 335 Trucking
 340 Utility Transmission Lines including Natural Gas, Electrical & Communications
 399 Other _____

Bridge Construction

- 501 Bridge Construction and/or Repair

Building Construction

- 401 Floor Covering (including carpet, ceramic tile installation, rubber, VCT)
 402 Building Automation Systems
 403 Concrete
 404 Doors and Windows
 405 Electrical - Power, Lighting & Communications
 410 Elevator - Lifts
 412 Fire Suppression
 413 Furnishings - Furniture and Window Treatments
 415 General Building Construction, Equal or Less than \$250,000
 420 General Building Construction, \$250,000 to \$1,500,000
 425 General Building Construction, Over \$1,500,000
 428 Glass and/or Glazing
 429 Hazardous Material Removal
 430 Heating, Ventilating and Air Conditioning (HVAC)
 433 Insulation - Thermal
 435 Masonry/Tuck pointing

- 437 Metals
 440 Painting and Wallcovering
 445 Plumbing
 450 Pump Repair
 455 Pump Systems
 460 Roofing and Moisture Protection
 464 Tower Crane Operator
 461 Solar Photovoltaic/Hot Water Systems
 465 Soil/Groundwater Remediation
 466 Warning Sirens
 470 Water Supply Elevated Tanks
 475 Water Supply Wells
 480 Wood, Plastics & Composites - Structural & Architectural
 499 Other _____

State of Wisconsin Certifications

- 1 Class 5 Blaster - Blasting Operations and Activities 2500 feet and closer to inhabited buildings for quarries, open pits and road cuts.
 2 Class 6 Blaster - Blasting Operations and Activities 2500 feet and closer to inhabited buildings for trenches, site excavations, basements, underwater demolition, underground excavations, or structures 15 feet or less in height.
 3 Class 7 Blaster - Blasting Operations and Activities for structures greater than 15' in height, bridges, towers, and any of the objects or purposes listed as "Class 5 Blaster or Class 6 Blaster".
 4 Petroleum Above/Below Ground Storage Tank Removal and Installation (Attach copies of State Certifications.)
 5 Hazardous Material Removal (Contractor to be certified for asbestos and lead abatement per the Wisconsin Department of Health Services, Asbestos and Lead Section (A&LS).) See the following link for application: www.dhs.wisconsin.gov/Asbestos/Cert. State of Wisconsin Performance of Asbestos Abatement Certificate must be attached.
 6 Certification number as a Certified Arborist or Certified Tree Worker as administered by the International Society of Arboriculture
 7 Pesticide application (Certification for Commercial Applicator For Hire with the certification in the category of turf and landscape (3.0) and possess a current license issued by the DATCP)
 8 State of Wisconsin Master Plumbers License.

SECTION B: PROPOSAL

Please refer to the
Bid Express Website
at <https://bidexpress.com>
look up contract number
and go to
Section B: Proposal Page

You can access all City of Madison bid solicitations for FREE at www.bidexpress.com

Click on the "Register for Free" button and follow the instructions to register your company and yourself. You will be asked for a payment subscription preference, since you may wish to bid online someday. Simply choose the method to pay on a 'per bid' basis. This requires no payment until / unless you actually bid online. You can also choose the monthly subscription plan at this time. You will, however, be asked to provide payment information. Remember, you can change your preference at anytime. You will then be able to complete your free registration and have full access to the site. Your free access does not require completion of the 'Digital ID' process, so you will have instant access for viewing and downloading. To be prepared in case you ever do wish to bid online, you may wish to establish your digital ID also, since you cannot bid without a Digital ID.

If you have any problems with the free registration process, you can call the bidexpress help team, toll free at 1-888-352-2439 (option 1, option1).

SECTION C: SMALL BUSINESS ENTERPRISE

Instructions to Bidders City of Madison SBE Program Information

2 Small Business Enterprise (SBE) Program Information

2.1 Policy and Goal

The City of Madison reaffirms its policy of nondiscrimination in the conduct of City business by maintaining a procurement process which remains open to all who have the potential and ability to sell goods and services to the City. It is the policy of the City of Madison to allow Small Business Enterprises (SBE) maximum feasible opportunity to participate in City of Madison contracting. The bidder acknowledges that its bid has been submitted in accordance with the SBE program and is for the public's protection and welfare.

Please refer to the "ADVERTISEMENT FOR BIDS" for the goal for the utilization of SBEs on this project. SBEs may participate as subcontractors, vendors and/or suppliers, which provide a commercially useful function. The dollar value for SBE suppliers or 'materials only' vendors shall be discounted to 60% for purposes of meeting SBE goals.

A bidder which achieves or exceeds the SBE goal will be in compliance with the SBE requirements of this project. In the event that the bidder is unable to achieve the SBE goal, the bidder must demonstrate that a good faith effort to do so was made. Failure to either achieve the goal or demonstrate a good faith effort to do so will be grounds for the bidder being deemed a non-responsible contractor ineligible for award of this contract.

A bidder may count towards its attainment of the SBE goal only those expenditures to SBEs that perform a commercially useful function. For purposes of evaluating a bidder's responsiveness to the attainment of the SBE goal, the contract participation by an SBE is based on the percentage of the total base bid proposed by the Contractor. The total base bid price is inclusive of all addenda.

Work performed by an SBE firm in a particular transaction can be counted toward the goal only if it involves a commercially useful function. That is, in light of industry practices and other relevant considerations, does the SBE firm have a necessary and useful role in the transaction, of a kind for which there is a market outside the context of the SBE Program, or is the firm's role a superfluous step added in an attempt to obtain credit towards goals? If, in the judgment of the Affirmative Action Division, the SBE firm will not perform a commercially useful function in the transaction, no credit towards goals will be awarded.

The question of whether a firm is performing a commercially useful function is completely separate from the question of whether the firm is an eligible SBE. A firm is eligible if it meets the definitional criteria and ownership and control requirements, as set forth in the City of Madison's SBE Program.

If the City of Madison determines that the SBE firm is performing a commercially useful function, then the City of Madison must then decide what that function is. If the commercially useful function is that of an SBE vendor / supplier that regularly transacts business with the respective product, then the City of Madison will count 60% of the value of the product supplied toward SBE goals.

To be counted, the SBE vendor / supplier must be engaged in selling the product in question to the public. This is important in distinguishing an SBE vendor / supplier, which has a regular trade with a variety of customers, from a firm which performs supplier-like functions on an ad hoc basis or for only one or two contractors with whom it has a special relationship.

A supplier of bulk goods may qualify as an eligible SBE vendor / supplier if it either maintains an inventory or owns or operates distribution equipment. With respect to the distribution equipment; e.g., a fleet of trucks, the term "operates" is intended to cover a situation in which the supplier leases the equipment on a regular basis for its entire business. It is not intended to cover a situation in which the firm simply provides drivers for trucks owned or leased by another party; e.g., a prime contractor, or leases such a party's trucks on an ad hoc basis for a specific job.

If the commercially useful function being performed is not that of a qualified SBE vendor / supplier, but rather that of delivery of products, obtaining bonding or insurance, procurement of personnel, acting as a broker or manufacturer's representative in the procurement of supplies, facilities, or materials, etc., only the fees or commissions will apply towards the goal.

For example, a business that simply transfers title of a product from manufacturer to ultimate purchaser; e. g., a sales representative who re-invoices a steel product from the steel company to the Contractor, or a firm that puts a product into a container for delivery would not be considered a qualified SBE vendor / supplier. The Contractor would not receive credit based on a percentage of the cost of the product for working with such firms.

Concerning the use of services that help the Contractor obtain needed supplies, personnel, materials or equipment to perform a contract: only the fee received by the service provider will be counted toward the goal. For example, use of a SBE sales representative or distributor for a steel company, if performing a commercially useful function at all, would entitle the Contractor receiving the steel to count only the fee paid to the representative or distributor toward the goal. This provision would also govern fees for professional and other services obtained expressly and solely to perform work relating to a specific contract.

Concerning transportation or delivery services: if an SBE trucking company picks up a product from a manufacturer or a qualified vendor / supplier and delivers the product to the Contractor, the commercially useful function it is performing is not that of a supplier, but simply that of a transporter of goods. Unless the trucking company is itself the manufacturer or a qualified vendor / supplier in the product, credit cannot be given based on a percentage of the cost of the product. Rather, credit would be allowed for the cost of the transportation service.

The City is aware that the rule's language does not explicitly mention every kind of business that may contribute work on this project. In administering these programs, the City would, on a case-by-case basis, determine the appropriate counting formula to apply in a particular situation.

2.2 Contract Compliance

Questions concerning the SBE Program shall be directed to the Contract Compliance Officer of the City of Madison Department of Civil Rights, Affirmative Action Division, 210 Martin Luther King, Jr. Blvd., Room 523, Madison, WI 53703; telephone (608) 266-4910.

2.3 Certification of SBE by City of Madison

The Affirmative Action Division maintains a directory of SBEs which are currently certified as such by the City of Madison. Contact the Contract Compliance Officer as indicated in Section 2.2 to receive a copy of the SBE Directory or you may access the SBE Directory online at www.cityofmadison.com/dcr/aaTBDDir.cfm.

All contractors, subcontractors, vendors and suppliers seeking SBE status must complete and submit the **Targeted Business Certification Application** to the City of Madison Affirmative Action Division by the time and date established for receipt of bids. A copy of the Targeted Business Certification Application is available by contacting the Contract Compliance Officer at the address and telephone indicated in Section 2.2 or you may access the Targeted Business Certification Application online at www.cityofmadison.com/dcr/aaTBDDir.cfm. Submittal of the Targeted Business Certification Application by the time specified does not guarantee that the applicant will be certified as a SBE eligible to be utilized towards meeting the SBE goal for this project.

2.4 Small Business Enterprise Compliance Report

2.4.1 Good Faith Efforts

Bidders shall take all necessary affirmative steps to assure that SBEs are utilized when possible and that the established SBE goal for this project is achieved. A contractor who self performs a portion of the work, and is pre-qualified to perform that category of work, may subcontract that portion of the work, but shall not be required to do so. When a bidder is unable to achieve the established SBE goal, the bidder must demonstrate that a good faith effort to do so was made. Such a good faith effort should include the following:

- 2.4.1.1 Attendance at the pre-bid meeting.
- 2.4.1.2 Using the City of Madison's directory of certified SBEs to identify SBEs from which to solicit bids.
- 2.4.1.3 Assuring that SBEs are solicited whenever they are potential sources.
- 2.4.1.4 Referring prospective SBEs to the City of Madison Affirmative Action Division for certification.
- 2.4.1.5 Dividing total project requirements into smaller tasks and/or quantities, where economically feasible, to permit maximum feasible SBE participation.
- 2.4.1.6 Establishing delivery schedules, where requirements permit, which will encourage participation by SBEs.
- 2.4.1.7 Providing SBEs with specific information regarding the work to be performed.
- 2.4.1.8 Contacting SBEs in advance of the deadline to allow such businesses sufficient time to prepare a bid.
- 2.4.1.9 Utilizing the bid of a qualified and competent SBE when the bid of such a business is deemed reasonable (i.e. 5% above the lowest bidder), although not necessarily low.
- 2.4.1.10 Contacting SBEs which submit a bid, to inquire about the details of the bid and confirm that the scope of the work was interpreted as intended.

2.4.2 Reporting SBE Utilization and Good Faith Efforts

The Small Business Enterprise Compliance Report is to be submitted by the bidder with the bid. This report is due by the specified bid closing time and date. Bids submitted without a completed SBE Compliance Report as outlined below

shall be deemed non-responsible and the bidder ineligible for award of this contract.

2.4.2.1 If the Bidder meets or exceeds the goal established for SBE utilization, the Small Business Enterprise Compliance Report shall consist of the following:

2.4.2.1.1 **Cover Page**, Page C-6; and

2.4.2.1.2 **Summary Sheet**, C-7.

2.4.2.2 If the bidder does not meet the goal established for SBE utilization, the Small Business Enterprise Compliance Report shall consist of the following:

2.4.2.2.1 **Cover Page**, Page C-6;

2.4.2.2.2 **Summary Sheet**, C-7; and

2.4.2.2.3 **SBE Contact Report**, C-8 and C-9. (A separate Contact Report must be completed for each applicable SBE which is not utilized.)

2.5 Appeal Procedure

A bidder which does not achieve the established goal and is deemed non-responsible for failure to demonstrate a good faith effort to achieve such goal and subsequently denied eligibility for award of contract may, within 72 hours of receiving such notification, appeal that decision to a special appeals committee composed of three (3) members of the Affirmative Action Commission, three (3) members of the Board of Public Works and a seventh member appointed by the Mayor. All appeals must be made in writing to the City Engineer and received within 72 hours of City of Madison's notice. Postmark not applicable.

2.6 SBE Requirements After Award of the Contract

The successful bidder shall identify SBE subcontractors, suppliers and vendors on the subcontractor list in accordance with the specifications. The Contractor shall submit a detailed explanation of any variances between the listing of SBE subcontractors, vendors and/or suppliers on the subcontractor list and the Contractor's SBE Compliance Report for SBE participation.

No change in SBE subcontractors, vendors and/or suppliers from those SBEs indicated in the SBE Compliance Report will be allowed without prior approval from the Engineer and the Affirmative Action Division. The contractor shall submit in writing to the City of Madison Affirmative Action Division a request to change any SBE citing specific reasons which necessitate such a change. The Affirmative Action Division will use a general test of reasonableness in approving or rejecting the contractor's request for change. If the request is approved, the Contractor will make every effort to utilize another SBE if available.

The City will monitor the project to ensure that the actual percentage commitment to SBE firms is carried out.

2.7 SBE Definition and Eligibility Guidelines

A Small Business Enterprise is a business concern awarded certification by the City of Madison. For the purposes of this program a Small Business Enterprise is defined as:

- A. An independent business operated under a single management. The business may not be a subsidiary of any other business and the stock or ownership may not be held by any individual or any business operating in the same or a similar field. In determining whether an entity qualifies as a SBE, the City shall consider all factors relevant to being an independent business including, but not limited to, the date the business was established, adequacy of its resources for the work in which it proposes to involve itself, the degree to which financial, equipment leasing and other relationships exist with other ineligible firms in the same or similar lines of work. SBE owner(s) shall enjoy the customary incidents of ownership and shall share in the risks and profits commensurate with their enjoyment interests, as demonstrated by an examination of the substance rather than form or arrangements that may be reflected in its ownership documents.
- B. A business that has averaged no more than \$4.0 million in annual gross receipts over the prior three year period and the principal owner(s) do not have a personal net worth in excess of \$1.32 million.

Firm and/or individuals that submit fraudulent documents/testimony may be barred from doing business with the City and/or forfeit existing contracts.

SBE certification is valid for one (1) year unless revoked.

SECTION D: SPECIAL PROVISIONS

CROSS OAK DRIVE, FORTUNATE PLACE, REDAN DRIVE AND SILICON PRAIRIE PARKWAY ASSESSMENT DISTRICT - 2014 CONTRACT NO. 7224

It is the intent of these Special Provisions to set forth the final contractual intent as to the matter involved and shall prevail over the Standard Specifications and plans whenever in conflict therewith. In order that comparisons between the Special Provisions can be readily made, the numbering system for the Special Provisions is equivalent to that of the Specifications.

Whenever in these Specifications the term "Standard Specifications" appears, it shall be taken to refer to the City of Madison Standard Specifications for Public Works Construction and Supplements thereto.

SECTION 102.10: PREVAILING WAGE

For this project, payment of prevailing wages (white sheet) shall be required unless the box indicating prevailing wages are not required is checked below.

Prevailing wages shall not be required when this box is checked.

If prevailing wages (white sheet) are required, the wages and benefits paid on the contract shall not be less than those specified in the Prevailing Wage Determination included with these contract documents for the following types of work:

- Building and Heavy Construction
- Sewer, Water, and Tunnel Construction
- Local Street and Miscellaneous Paving Operations
- Residential and Agricultural Construction

SECTION 102.12: BEST VALUE CONTRACTING

This contract shall be considered a Best Value Contract if the Contractor's bid is equal to or greater than \$54,000 for a single trade contract; or equal to or greater than \$264,500 for a multi-trade contract pursuant to MGO 33.07(7).

ARTICLE 103 AWARD AND EXECUTION OF THE CONTRACT

The Contractor shall execute signing of this contract completely prior to JULY 15, 2014. No exceptions or extensions to his date will be permitted.

ARTICLE 104 SCOPE OF WORK

The project limits for the work to be done are on Cross Oak Drive from the existing north end to Fortunate Place; Fortunate Place from Cross Oak Drive to Redan Drive; Redan Drive from Fortunate Place to the south end; Silicon Prairie Parkway from the existing east end to the new east end.

The work under this contract includes the installation of new utilities and streets on Cross Oak Drive, Fortunate Place, and Silicon Prairie Parkway. This includes the construction of new sanitary and storm sewer, water main, curb and gutter, base course, asphalt pavement (excluding the final surface) and concrete sidewalk, including pervious concrete sidewalk. The contract also includes the installation of concrete sidewalk and utilities on the west side of future Redan Drive from Fortunate Place to the south end.

The Contractor shall view the site prior to bidding to become familiar with the existing conditions. It will be the responsibility of the Contractor to work with the utilities located in the right of way to resolve conflicts during the construction process.

SECTION 105.12 COOPERATION BY THE CONTRACTOR

Since the work under this contract is mostly new construction, other utilities may be in the project area installing new facilities to serve the lots. This may include Madison Gas and Electric (MG&E), Alliant, Charter, TDS Telecom AT&T and Frontier Communications. The Contractor shall coordinate all work with these other companies.

The private construction of Legacy Apartments, northeast of Silicon Prairie Parkway and Cross Oak Drive will occur simultaneous to work under this contract. The Contractor shall coordinate all work with McKenzie 300 Corp., the developer and general contractor for the Legacy Apartments project. The construction of the public utility services up to the Right-of-Way shall be coordinated with McKenzie such that private connections can be made without unnecessary excavation. This includes sanitary laterals and water services. It is anticipated that some of the connections will be installed up to the property line, prior to work under this contract.

In addition, the Contractor shall maintain access to the site during construction. McKenzie 300 Corp. will need access from Silicon Prairie Parkway at all times at two locations. One location is a construction entrance approximately midblock between Cross Oak Drive and Pine Lawn Parkway. The second location that McKenzie 300 Corp. must have access to at all times is a construction entrance from STA 50+00 to STA 50+50 on the north side of Silicon Prairie Parkway. It is the responsibility of the Contractor to install the curb on the north side of Silicon Prairie Parkway from STA 50+00 to STA 50+50 without removing access to the construction entrance. This may be accomplished either by pouring the curb in two segments or by protecting with steel plates while the concrete cures

The contact information for McKenzie 300 Corp. is:

McKenzie 300 Corp.
Jack McKenzie
608-438-3131
jack@mckenzie-apartments.com

The Contractor shall not disturb any existing property irons. The Contractor shall reset any property irons that are disturbed or removed at no additional cost to the City.

SECTION 107.7 MAINTENANCE OF TRAFFIC

All traffic control shall conform to Part VI of the Federal Highways Administrations "Manual on Uniform Traffic Control Devices" (MUTCD), the State of Wisconsin Standard Facilities Development Manual (including Chapter 16 – Standard Detail Drawings) and the City of Madison Standards for sidewalk and bikeway closures.

The Contractor shall submit an acceptable, complete Traffic Control Plan, including all necessary phases and any required sidewalk or bike route closures, to the office of the City Traffic Engineer, at 215 Martin Luther King, Jr. Blvd, Suite 100, Madison, WI 53703, a minimum of five (5) working days, prior to the pre-construction meeting. The Traffic Control Plan shall address all requirements of this section of the Special Provisions. The Contractor shall not start work on this project until the Traffic Engineering Division has approved a traffic control plan and traffic control devices have been installed, in accordance with the approved plan. Failure of the Contractor to obtain approval of a Traffic Control Plan, as specified above, may prevent the Contractor from starting work and shall be considered a delay of the project, caused by the Contractor.

The Contractor will be responsible for installing and maintaining traffic control in accordance with the Traffic Control Plan and as directed by the City Traffic Engineer. The Contractor shall install and maintain modifications or additions to the traffic control, as directed by the City Traffic Engineer, at no cost to the City.

The Contractor shall supply temporary stop signs at any location where a permanent stop sign needs to be removed as part of the project.

Silicon Prairie Parkway shall remain open to two lanes of traffic, one lane for each direction, at all times during construction.

The work areas shall be backfilled, plated, or protected by traffic control devices during non-working hours. If steel plates are used, the Contractor shall notify the City of Madison Streets Division East, 246-4532, 1 working day prior to placement of the plates.

The Contractor may remove parking within the project limits between the hours of 7:00 A.M. and 7:00 P.M. The Contractor shall be responsible for posting and maintaining NO PARKING signs in accordance with City of Madison Police Department's "Guidelines for Temporary No Parking Restrictions for Construction or Special Events".

No construction equipment or materials shall be stored in the roadway or street right-of-way that is open to traffic during non-working hours. Construction equipment and materials are not to be stored within the street right-of-way that is outside the project limits as shown on the approved plan.

Contact Yang Tao, Traffic Engineering Division, 266-4815, with any questions concerning these traffic control specifications.

SECTION 107.10 OPENING OF SECTION OF HIGHWAY TO TRAFFIC

Upon completion of all concrete work, final surface course of pavement, landscaping, topsoil, seed or sod, the City Construction Engineer shall certify that it is complete and shall contact the City of Madison Traffic Operations Section, 266-4767. The City of Madison Traffic Engineer shall have seven (7) working days to complete the signing and marking so that the street is ready to open to traffic. The Contractor shall leave all barricades in place until such time that the permanent pavement marking and signing has been installed by the City. The City shall notify the Contractor when the final pavement marking and signing is complete and the Contractor shall remove all temporary construction signs and barricades within 24 hours of the notification.

SECTION 108.2 PERMITS

The City of Madison has submitted a DNR Notice of Intent (NOI) to obtain coverage under a Construction Site General Permit.

The Contractor shall meet the conditions of the permit by properly installing and maintaining the erosion control measures shown on the plans, specified in these Special Provisions, or as directed by the Construction Engineer or his designees. This work will be paid for under the appropriate contract bid items or, if appropriate items are not included in the contract, shall be paid for as Extra Work. A copy of the permit is available at the City of Madison, Engineering Division office.

This permit covers trench dewatering to a maximum of 70 gallons/minute from the project, provided appropriate control measures are in place. The City's obtaining this permit is not intended to be exhaustive of all permits that may be required to be obtained by the Contractor for construction of this project. It shall be the responsibility of the Contractor to identify and obtain any other permits needed for construction.

SECTION 109.2 PROSECUTION OF WORK

The Contractor shall begin work on or before **July 28, 2014**. All work under this contract shall be completed by **October 24, 2014**. This contract includes an interim completion date for some of the work, as follows:

All work on Silicon Prairie Parkway, which includes new sanitary and storm sewer, water main, curb and gutter, base course, asphalt pavement and concrete sidewalk, shall be complete by **September 19, 2014**.

Street work excludes all final surface paving. Final surface paving work is to be done by others.

It is expected that the Contractor may need to utilize multiple crews working in multiple locations within the project limits to complete all work by the contract end date.

Work shall begin only after the start work letter is received. If it is desirable to begin work before the above-mentioned date, the Contractor shall establish a mutually acceptable date with the City Engineer. The Contractor shall limit workdays to 7:00 a.m. to 7:00 p.m. unless approved by the Engineer in writing.

SECTION 109.9 LIQUIDATED DAMAGES

The fixed, agreed, and liquidated damages for failure to complete the work by the interim completion date as set forth in section 109.2 of these Special Provisions shall be \$400 per calendar day. In the event that the work is not completed by the interim completion date and by the total contract completion date, the maximum fixed, agreed, and liquidated damages shall not exceed \$1155. The fixed, agreed, and liquidated damages for failure to complete all work within the contract in the timeframe specified in Section 109.2 of these Special Provisions shall be \$855 per calendar day.

BID ITEM 20101 - EXCAVATION CUT

The Contractor shall be aware of the following methodology that was utilized to determine the amounts of EXCAVATION CUT, FILL, and SELECT FILL for the construction of the street. Excavation cut, fill and select fill have all been estimated based on in place quantities; no shrinkage or expansion factors were used in these calculations

The existing ground shown on the plans within the Legacy Apartment Development Site will be changed by the start of construction under this contract. The site will be grade according to an approved mass grading plan within their site. The Legacy Apartments grading plan was designed in coordination with the proposed street work such that the grading by Legacy Apartments will bring the site grading closer to the proposed street work within the Legacy Apartments site grading limits. Their grading work will match the proposed grades at the grading easement, and will blend into existing ground within the easement

The Legacy Apartments site grading limits are on Lots 1, 2, and 3 of CSM No. 13698. The limits are further defined as follows:

East of the Right of Way along Cross Oak Drive
South of the Right of Way along Fortunate Place
West of the Right of Way along Redan Drive
North of the Right of Way along Silicon Prairie Parkway

The existing surface shown in the profiles and cross sections is from the existing site grading prior to the Legacy Apartments project. It is anticipated that the actual site conditions in the region defined previously as the Legacy Apartments site grading limits will differ such that there will be less cut and less fill at those regions than what is shown on the cross-sections. No additional compensation will be provided due to this difference. Earthwork plan quantities shall be paid regardless of variances from the existing site conditions.

No bulking/expansion factor was used when determining fill quantities for this project.

Excavation (measured plan quantity) includes excavation necessary for topsoil stripping, and no additional compensation will be paid to strip the topsoil under the roadway.

DESCRIPTION

Work under this item shall include excavation to the finish grades shown on the cross sections and in accordance with the contours provided as part of this plan set. Excavation has been estimated as an in place quantity including over excavation for topsoil replacement.

The quantity for Excavation Cut has been estimated from in place quantities and no adjustment shall be made to this item unless substantial changes occur during construction. If there are substantial changes in the grading, city crews shall re-survey the area and the difference in Excavation Cut over/under existing terrain shall be calculated on an in-place basis by the Design Engineer.

METHOD OF MEASUREMENT

Excavation Cut shall be measured by the cubic yard in place with no adjustment for shrink or swell, and as discussed in the description and as estimated on the proposal.

BASIS OF PAYMENT

Excavation cut shall be measured as described above and paid for at the contract price, which shall be full compensation for all work as provided in the description.

BID ITEM 20205 – SELECT FILL

The Contractor shall use suitable material from on site before hauling additional select fill to the site. Use and placement of on site material shall be considered incidental to excavation cut. This item will be used only for select fill that needs to be brought on site.

BID ITEM 21001 EROSION CONTROL IMPLEMENTATION PLAN

In addition to the requirements detailed in Section 210.1(a) the Contractor shall supply a dewatering plan as part of the Erosion Control Implementation Plan. At a minimum the dewatering plan shall include the Contractor's methods, practices, and or devices to perform TYPE I or TYPE II Dewatering per Section 502.1(c) Dewatering in the City of Madison Standard Specifications for Public Works Construction and Wisconsin Department of Natural Resources (WDNR) SOC Technical Standard 1061 Dewatering. If TYPE II Dewatering is expected to be used at a rate in excess of 70 g.p.m. the dewatering plan shall also include a copy of any applicable WDNR permits.

BID ITEM 21002 – EROSION CONTROL INSPECTION

Work under this bid item shall be for weekend inspections (inspections required for rain events, half inch or larger, that occur on a Friday or Saturday) by the Contractor after half inch or greater rain events or as directed by the construction engineer. All weekly inspections and rain event inspections required during the work week (Monday-Friday) shall be completed by the City of Madison construction inspector.

ARTICLE 501 STORM SEWER STRUCTURES

501.1 Description

STORM SEWER GENERAL

The storm sewer designer for this project is Corey Stelljes. He may be contacted by phone at (608) 266-9721 or by email at cstelljes@cityofmadison.com.

Reconnection of existing pipes at new structures, or new pipes at new structures, shall be considered to be part of the work required to construct the new structure or to construct the new sewer pipe and shall not be rewarded with additional compensation. However, if the structure being removed is larger than the

new structure, thus requiring additional pipe, the new pipe shall be paid under the appropriate bid item and the connection of the old pipe to the new pipe shall be accomplished with a concrete collar.

Where a new structure is to be constructed at an existing pipe, it is expected that the contractor shall saw cut the existing pipe in the required location to accommodate the placement of the new structure. If the contractor for his/her convenience deems it more suitable to remove the existing pipe to a full joint, the additional pipe and concrete collar required to reconnect to the new structure shall be the contractor's responsibility and shall not be compensated.

If there are structures where the pipe walls are to be poured into the structure roof or both the pipe walls and the structure casting are to be poured in the structure roof, the Contractor shall not be provided additional compensation for complying with the structure requirements detailed on the storm sewer chart and plans.

Precast structures are only allowed where field poured structures are not specifically called for, and no precast structures are allowed until ULO's are completed and approval of the design engineer has been received.

SANITARY SEWER GENERAL

The Sanitary Sewer designer for this project is Corey Stelljes. He may be contacted at (608) 266-9721 or cstelljes@cityofmadison.com.

Sanitary sewer pipe work shall include installing approximately 1729 feet of new 8" PVC and 520' of sanitary sewer lateral at locations that are specified on the plan set and in accordance with the Standard Specifications. All necessary fittings for pressure pipe laterals shall be considered incidental to the cost of the lateral.

All new sanitary sewer access structures shall include Neenah R-1550 castings with the new City of Madison casting detail (see S.D.D. 5.7.16) of the City of Madison Standard Specifications for Public Works Construction 2014 ed. All new sewer main connections may be factory cored and shall be included in the structure. All existing main connections shall be field cored to accommodate existing conditions and shall be compensated under BID ITEM 50791 SANITARY SEWER TAP. All sewer main and/or laterals not slated for replacement that are damaged during the installation of a structure shall be replaced by the Contractor and shall be considered incidental to the project. All benches and flowlines shall have a smooth trowel finish. ASTM D3034 SDR 35 and SDR 26 sewer main and lateral as called for on the plan set shall be payable under Sanitary Sewer Main (BID ITEM 50301) and Sanitary Sewer Lateral (BID ITEM 50353.) No additional compensation shall be granted for ASTM D3034 SDR 26 material.

Sanitary lateral wye connections shall be included in the price of the sanitary sewer main.

It is advised that the Contractor visit the site prior to bidding to determine the type of trench protection and erosion control measures that will be necessary for the sanitary sewer main installation.

On Silicon Prairie Parkway there is a long sanitary sewer stub being connected to. Contractor shall complete ULO#1 prior to building SAS#1 and SAS#2.

BID ITEM 50390 SEWER ELECTRONIC MARKERS

With regard to the City of Madison Standard Specifications for Public Works Construction 2014 Edition Article 503.3(c), each sanitary lateral shall have a minimum of two (2) electronic markers with the City providing the Contractor with the required number of electronic markers. For sanitary laterals, which only include the installation of a wye, a marker ball shall be installed directly above the wye connection to the main.

The Sanitary Sewer designer for this project is Corey Stelljes. He may be contacted at (608) 266-9721 or cstelljes@cityofmadison.com.

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On Silicon Prairie Parkway there is a long sanitary sewer stub being connected to. Contractor shall complete ULO#1 prior to building SAS#1 and SAS#2.

SECTION 701 PROVISIONS FOR WATER INSTALLATION AND ABANDONMENT

WATER MAINS GENERAL

The Water Utility designer for the project is Adam Wiederhoeft. He may be contacted at (608) 266-9121 or awiederhoeft@madisonwater.org. In case of a water system emergency, please contact the 24-HR Operator at (608) 266-4665.

This project consists of water main extensions on Cross Oak Dr from Silicon Prairie Pkwy to Fortunate Pl, and on Fortunate Pl from Cross Oak Dr to Redan Dr, and on Silicon Prairie Pkwy from approximately 125-feet east of Pine Lawn Pkwy to approximately 500-feet east of Pine Lawn Pkwy. The project includes approximately 2,235-feet of water main installation (475-feet of 6-inch, 1,400-feet of 8-inch, 10-feet of 10-inch, and 350 feet of 12-inch water main).

Take all necessary precautions to protect the existing Madison Water Utility system and ensure its proper functioning during construction.

View the site prior to bidding and become familiar with existing conditions and utilities.

WATER UTILITY GENERAL NOTES FOR SPECIFIC WORK:

- WN1 Replace the existing lead service with a new copper service.
- WN2 Extend and reconnect the existing copper service to the new water main.
- WN3 Existing service to be abandoned when water main is cut-off.
- WN4 Disconnect service from the old water main and reconnect the existing copper water service lateral to the new water main.
- WN5 Relocate the existing fire hydrant.
- WN6 Abandon water valve access structure.

- WN7 Furnish and install the new top section for the water access structure.
- WN8 Abandon the valve box.
- WN9 Furnish the ditch, compaction and all materials and labor for the installation of new service lateral.
- WN10 Remove and salvage existing hydrant.
- WN11 Replace the existing copper service with a new copper service.

BID ITEM 90001 – 7” PERVIOUS CONCRETE SIDEWALK

PART 1 GENERAL

1.01 Scope of Work:

The work described by this guide addresses the labor, materials and equipment necessary for construction of pervious concrete sidewalk, including subgrade testing and preparation for a stormwater storage layer for temporary detention or groundwater recharge in conformance with the plans, specifications and other contract documents, for streets, driveways, sidewalks and other pedestrian areas.

1.02 References:

A. American Concrete Institute

- ACI 211.3R-24 appendix 6 “Guide for Selecting Proportions for No-Slump Concrete”
- ACI 305 “Hot Weather Concreting”
- ACI 306 “Cold Weather Concreting”
- ACI 522.1-08 “Specification for Pervious Concrete Pavement”

B. American Society for Testing and Materials

- ASTM C 29 “Test for Bulk Density (Unit Weight) and Voids in Aggregate”
- ASTM C 33 “Specification for Concrete Aggregates”
- ASTM C 42 “Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete”
- ASTM C 94 “Specification for Ready-Mixed Concrete”
- ASTM C 138 “Test Method for Density (Unit Weight), Yield and Air Content (Gravimetric) Of Concrete”
- ASTM C 140 “Test Methods for Sampling and Testing Concrete Masonry Units and Related Units”
- ASTM C 150 “Specifications for Portland Cement”
- ASTM C 172 “Practice for Sampling Freshly Mixed Concrete”
- ASTM C 260 “Specification for Air-Entraining Admixtures for Concrete”
- ASTM C 309 “Specification for Liquid Membrane-Forming Compounds for Curing Concrete”
- ASTM C 494 “Specification for Chemical Admixtures for Concrete”
- ASTM C 595 “Specification for Blended Hydraulic Cements”
- ASTM C 618 “Specification for Coal Fly Ash.....”
- ASTM C 989 “Specifications for GGBFS use in Concrete and Mortars”
- ASTM C 1077 “Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation”
- ASTM C 1116 “Standard Specification for Fiber-Reinforced Concrete”
- ASTM C 1602 “Specification for Mixing Water Used in the Production of Hydraulic Cement Concrete”
- ASTM D 448 “Classification for Sizes of Aggregate for Road and Bridge Construction”
- ASTM D 1752 “Specification for Preformed Sponge Rubber Cork and Recycled PVC Expansion Joint Fillers for Concrete Paving and Structural Construction”
- ASTM D 2434 “Test Method for Permeability of Granular Soils (Constant Head)”

- ASTM D 3385 "Test Method for Infiltration Rate of Soils in Field Using Double-Ring Infiltrometer"
- ASTM D 5093 "Test Method for Field Measurement of Infiltration Rate Using a Double-Ring Infiltrometer with a Sealed-Inner Ring"
- ASTM D 5084 "Test Methods for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter (Falling Head, Method C)"
- ASTM E 329 "Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction"

C. National Ready Mixed Concrete Association
 NRMCA Pervious Concrete Contractor Certification – IRMCA sponsored
 Pervious Concrete Pavement Maintenance Guidelines
 NRMCA Concrete in Practice CIP #38 Pervious Concrete

1.03 Quality Assurance:

- A. Contractor shall be certified by the NRMCA Pervious Concrete Contractor Certification program. Alternate documentation of qualifications shall be permitted when approved by the Engineer.
- B. Qualification of Laboratories – The inspection and testing services of the testing laboratory shall be under the direction of the City's specified laboratory.

1.04 Equipment:

- A. Placement equipment shall be capable of compacting the pervious concrete to the specified density and producing a surface finish acceptable to the Engineer. This may be achieved using a Roller Screed, Vibratory Truss Screed and Static-Roller, Plate Compactor, or other means approved by the Engineer.
- B. Rolled joint formers shall consist of a small joint roller to which a beveled fin with a minimum depth of ¼ the thickness of the slab has been welded around the circumference of a steel roller.

1.05 Submittals - Administrative requirements for submittal procedures

Prior to commencement of the work, the Contractor shall submit the following:

- A. Concrete materials:
 1. Proposed concrete mixture proportions including all material weights volumes, density (unit weight), water-cementitious ratio, and void content. If the Concrete Producer chooses to use a performance based mix design he/she must provide the density (unit weight), water cementitious ratio, and void content of the intended pervious concrete mix.
 2. Aggregate type, source and grading meeting ASTM requirements.
 3. Cement, supplementary cementitious materials and chemical admixture manufacturer certifications all meeting ASTM requirements.
 4. Fibers shall conform to ASTM C 1116.
- B. Proposed aggregate for use in stormwater storage or detention layer: aggregate type, source, grading and void content (percent porosity).

- C. Personnel qualifications: Evidence of qualifications listed under Quality Assurance in Section 1.03 of this guide.
- D. Project details: Specific plans including a jointing plan, details, schedule, construction procedures and quality control plan.
- E. Subcontractors: List all materials suppliers, subcontractors and testing laboratories to be used on the project.

1.06 Test Panels

Prior to construction, test panel(s) shall be placed and approved by the Engineer. The Engineer may waive this requirement based on Contractor qualifications. At Contractor's option, test panels may be constructed as part of project, in approved sections of project and to include the aggregate detention or stormwater detention layer.

- A. Test panels(s) shall be constructed in accordance with the plans and specifications. The contractor is to place one test panels with a minimum 50 ft² at the required project thickness. The panel shall be installed, consolidated, jointed and cured using materials, equipment, and personnel proposed for the project. The test panel is to demonstrate to the Engineer's satisfaction that in-place unit weights can be achieved and a satisfactory sidewalk can be installed at the site location.
- B. Test panels may be placed at any of the specified pervious concrete sidewalk locations on the project or at another test site.
- C. Quality: Test panels shall have acceptable surface finish, joint details, thickness, porosity and curing procedures and shall comply with the testing and acceptance standards listed in the quality control section of this specification. Test panels shall be tested for thickness in accordance with ASTM C 42. Void structure shall be tested in accordance with ASTM C 138 (Gravimetric Air Determination); and core unit weight determined in accordance with ASTM C 140.
- D. Satisfactory performance of the test panels shall be determined by:
 - 1. Compacted thickness of the Pervious Concrete no less than ¼ inch less than specified thickness.
 - 2. Pervious Concrete void Structure: 15% minimum; 20% maximum;
 - 3. Unit weight plus or minus 5 lb/ft³ of the design weight.
 - 4. If compressive strength is used for acceptance, 6x12 cylinders must be used and cast in accordance with the Jigging Method. These cylinders must weigh ± four (4) lbs. of the unit weight determined from the same sample the cylinders are being cast from.

If test panels at the project location are found to be satisfactory, they may be left in-place and included in the completed work, at no additional cost to the project.

1.07 Project Conditions

Weather Limitations

The Contractor shall not place pervious concrete when the ambient temperature is 40°F (4°C) or lower, unless a cold weather plan is submitted and permitted in writing by the Engineer. See ACI 306 "Cold Weather Concreting."

The Contractor shall not place pervious concrete for sidewalk when the ambient temperature is 90°F (32°C) or higher, unless a hot weather plan is submitted and permitted in writing by the Engineer. See ACI 305 "Hot Weather Concreting."

1.08 Pre-paving Conference Discussion

A pre-paving conference with the Engineer and the Contractor shall be held within one week prior to beginning placing the pervious concrete sidewalk. The Contractor shall have the pervious concrete supplier, the foreman and a majority of the concrete crew that will form and place the concrete in attendance at this meeting. This meeting may be held on site.

PART 2 MATERIALS

2.01 Coarse aggregate for Stormwater Storage Layer

The Aggregate base material to be used for temporary stormwater storage (detention) in a system of pervious concrete sidewalk with detention is not the common dense-graded aggregate base specified by transportation agencies for roadways. The material, instead, is a clean, washed, coarse aggregate, generally comprised of No. 57 sized (about one-inch diameter) crushed gravel or crushed limestone particles, and commonly has a void content in excess of 30% of its bulk volume, with a wash loss of no more than 3%. The material shall conform to one of the Standard gradations of those specifications and be capable of having minimum voids of 38% by weight measured in accordance with ASTM Standard C 29. Test reports showing void content shall be submitted to the Engineer for aggregates to be used on the project. The Engineer may select specific gradations and angularity based upon economics, proximity to the sidewalk structure and desired flow rates. The storage layer shall be a 6" or greater in thickness depending upon the design considerations.

2.02 Filter fabric

The filter layer shall consist of a non woven geotextile fabric. Geotextiles shall be nonwoven geotextile, Marafi 140N or Tyvar fabric, style 3341 or equivalent. All work related to the geotextile fabric shall be incidental to 7" Pervious Concrete Sidewalk.

2.03 Isolation (Expansion) joint material

Isolation joints shall be constructed according to City of Madison Standard Specifications and at the direction of the Engineer.

2.04 Curing materials

- A. Polyethylene sheeting – The primary method of curing pervious concrete sidewalk and protecting pervious concrete sidewalk from sediment infiltration during construction shall be the placement of a waterproof covering, consisting of a minimum of 6 mil. thick polyethylene sheeting in conjunction with one method of B below.
- B. For prevention of moisture loss, in addition to the primary method of curing:
 - 1. Soybean oil sealer. The Bean by C2 Products or equivalent.
 - 2. Monomolecular film (evaporation retardant), SikaFilm by Sika Corporation, EucoBar by Euclid Chemical Co., Confilm by BASF (Master Builders Technologies) or approved equal, applied per manufacturer's instructions.

Curing compound to be approved by the Engineer prior to installation of the pervious concrete sidewalk.

2.05 Cement

Portland Cement Type I, Type II or V shall conform to ASTM C150. Type IP or IS shall conform to ASTM C595.

2.06 Supplementary Cementitious Materials

Fly Ash shall conform to ASTM C618. Ground Granulated Blast-Furnace Slag shall conform to ASTM C989.

2.07 Chemical admixtures

- A. Air-entraining admixtures shall conform to ASTM C260
- B. Chemical admixtures shall conform to ASTM C494
 - 1. Mid-range water reducing admixtures Type A or High-range water reducers Type F or G are permitted.
 - 2. Extended control admixtures (hydration stabilizers) meeting requirements of ASTM C494 Type B Retarding or Type D Water Reducing/Retarding shall be used.
 - 3. Viscosity Modifying admixtures are permitted.

2.08 Aggregates for pervious concrete

The aggregate used will have a direct influence in the permeability, surface texture, and the appearance of the pervious concrete slab.

- A. Fine aggregate for pervious concrete shall meet the size and grading requirements as defined in ASTM D448 and shall comply to ASTM C33. A minimum of 9% passing a #4 sieve or smaller may be used.
- B. Aggregate shall be crushed stone or crushed gravel and shall meet the size and grading requirements as defined in ASTM D448 and shall comply with ASTM C33. Gradation choice shall be limited to sizes 3/8" or 1/2" with a minimum of 9% retained on a #4 sieve and smaller unless a blend is otherwise approved by the Engineer. Combined grading of the coarse and fine aggregates in the proportions proposed for the mixture must have measurable voids in accordance with ASTM C29 of 38% or greater.

2.09 Water

Water shall comply with ASTM C 1602.

2.10 Mixture Proportions

The Contractor shall furnish to the Engineer a proposed mix design with proportions of materials prior to commencement of work. The data shall include unit weights determined in accordance with ASTM C 29 paragraph 11, jiggling procedure. The composition of the proposed concrete mixture shall be submitted to the Engineer for review and/or approval and shall comply with the following provisions unless and alternative composition is demonstrated to comply with the project requirements. Mixture performance will be affected by properties of the particular materials used. Trial mixtures must be tested to establish proper proportions and determine expected behavior. Concrete producers may have mixture proportions for pervious concrete optimized for performance with local materials. Appendix 6 of ACI 211.3R-24

provides a guide for pervious concrete mixture proportioning. General Mix recommendations are as follows:

- A. Concrete mixture unit weight: The gravimetric plastic unit weight at time of placement shall be within five pounds plus or minus of the design mixture unit weight.
- B. Concrete mixture void content: range of 15% to 20%, per ASTM C 138, Gravimetric Air Determination.
- C. Cementitious content: range of 400 lbs/yd³ to 600 lb/yd³ total cementitious content.
- D. Supplementary cementitious content: Fly ash: 25% maximum; Slag: 50% maximum. The combined supplementary cementitious content: 50% max.
- E. Water – cementitious ratio: range from 0.27 to 0.35.
- F. Aggregate content: The bulk volume of aggregate per cubic yard shall be equal to 27ft³ (1m³) when calculated from the dry-rodded density (unit weight) determined in accordance with ASTM C 29 jiggling procedure. For freeze-thaw durability, a minimum of 9% of total weight shall be retained on an Individual #4 sieves or smaller.
- G. Admixtures shall be used in accordance with the manufacturer's instructions and recommendations.
- H. Fibers, if used, shall be used in accordance with manufacturers' instructions and recommendations.
- I. Mix Water: The quantity of mixing water shall be established to produce a pervious concrete mixture of the desirable workability to facilitate placing, compaction and finishing to the desired surface characteristics. Mix water shall be such that the cement paste displays a wet metallic sheen without causing the paste to flow from the aggregate. (A cement paste with a dull-dry appearance has insufficient mix water for hydration.) Insufficient mix water results in inconsistency in the mix and poor bond strength.
- J. Water may be added on-the-job to maintain the proper cement paste consistency.

PART 3 EXECUTION

The Engineer shall be notified at least 24 hours prior to all detention layer placement and pervious concrete paving work.

3.01 Installation

A. Subgrade/Subbase

1. Subgrade Preparation

- a. Existing subgrade under stormwater detention layer areas shall NOT be compacted or subject to excessive construction equipment traffic prior to coarse aggregate bed placement and may be scarified to improve infiltration rates.
- b. Where erosion of subgrade has caused accumulation of fine materials and/or surface ponding, this material shall be removed with light equipment and the

underlying soils scarified to a minimum depth of 6 in. with a York rake or equivalent and light tractor.

- c. Bring subgrade to line, grade, and elevations required.
- d. Fill and lightly re-grade any areas damaged by erosion, ponding, or traffic compaction before the placing of filter fabric and coarse aggregate.

2. Installation of Subbase stormwater storage and filter layers

- a. Upon completion of subgrade preparation, the Engineer shall be notified and shall inspect at his discretion before the Contractor may proceed with stormwater detention layer/installation.
- b. Filter fabric layer and stormwater storage layer aggregate shall be placed immediately after approval of subgrade preparation. Any accumulation of debris or sediment which has taken place after approval of subgrade shall be removed prior to installation of filter fabric at the Contractor's expense.
- c. Place geotextile filter fabric in accordance with manufacturer's standards and recommendations. Adjacent strips of filter fabric shall overlap a minimum of 16 in. The Contractor shall secure fabric at least 2 ft. outside of bed and take steps necessary to prevent any runoff or sediment from entering the storage bed.
- d. Install coarse aggregate in 6 inch maximum lifts. Lightly compact each layer with equipment, keeping equipment movement over storage bed subgrades to a minimum. Install aggregate to grades required on the drawings.
- e. Following placement of the storage layer aggregate, the filter fabric shall be folded back along all bed edges to protect from sediment washout along bed edges. At least a 2-ft. strip shall be used to protect beds from adjacent bare soil. This edge strip shall remain in place until all bare soils contiguous to beds are stabilized and vegetated. In addition, hay bales shall be placed at the toe of slopes which may be adjacent to beds to further prevent sediment from washing into beds during site development. As the site is fully stabilized, excess filter fabric along the bed edges can be cut back to coarse aggregate edge.

B. Pervious Concrete Sidewalk

1. Sidewalk Thickness:

Sidewalk shall be placed to the depth specified in the plans.

2. Formwork:

Form materials are permitted to be of wood, steel, or other material sufficient to support the placement equipment and the pervious concrete, and shall be the full depth of the sidewalk. Forms shall be of sufficient strength and stability to support mechanical equipment without deformation of plan profiles following spreading, strike-off and compaction operations. Forms used with static roller shall have a removable spacer of $\frac{1}{2}$ in. to $\frac{3}{4}$ in. thickness placed above the finished elevation of sidewalk. The spacers shall be removed following placement and vibratory strike-off to allow static roller compaction. (Removable spacers may not be necessary if other means of strike-off and consolidation are used).

3. Mixing and Hauling:

- a. Production: Pervious concrete shall be manufactured and delivered in accordance with ASTM C94.
- b. Transportation: The pervious concrete mixture may be transported to the site and the discharge of individual loads shall be completed within 60 minutes of the introduction of mix water to the cement. Delivery times may be extended to 90 minutes when dosages of hydration stabilizer are increased to maintain the wet metallic sheen on the concrete.
- c. Discharge and Adjustments: Each truckload shall be visually inspected for consistency of concrete mixture. Water addition to adjust the consistency shall be permitted at the point of discharge. A minimum of 70 revolutions at the manufacturer's designated mixing speed shall be counted following the addition of any water to the mix, prior to further discharge. Discharge shall be a continuous operation and shall be completed as quickly as possible. Concrete shall be deposited as close to its final position as practical and such that discharged concrete is incorporated into previously placed plastic concrete. If consolidation occurs during concrete discharge, placement shall be halted and wet concrete removed.

4. Placing and Finishing:

- a. The sub-base shall be in a moist condition at time of placement to ensure no reduction in strength of the sidewalk.
- b. Concrete may be deposited into the forms by mixer truck chute, conveyor or buggy.
- c. In order to achieve necessary compaction either:
 - i. Use a roller screed as described under 1.04 Equipment.
 - ii. Utilize a mechanical vibratory or roller screed to strike off the concrete $\frac{1}{2}$ in. to $\frac{3}{4}$ in. above final height, utilizing the form spacers described in Formwork.
 - iii. If approved by the Engineer in writing, the Contractor may place the pervious concrete with either slip form or vibratory form riding equipment with a following compactive unit. Similarly, strike-off by hand straightedge may be permitted for sidewalks and other small areas followed by compaction.
 - 1) Care must be taken to prevent closing the void structure of pervious concrete. After mechanical or other approved strike-off and compaction operation, no other finishing operation will be allowed prior to curing. Internal vibration shall not be permitted. If surface vibration is applied, it shall be shut off immediately when forward progress is halted.
 - 2) Placed concrete shall not be disturbed while in the plastic state.
 - 3) Curing procedures shall begin immediately after finishing is completed. Placing, finishing and tooled

jointing and edging must be completed within a 20-minute window from discharge.

- 4) The pervious concrete sidewalk shall be compacted to the required cross-section.
- 5) The slab shall be cross-rolled immediately after covering.

5. Jointing:

- a. Joints shall be constructed utilizing a small joint roller as described in section 1.04 of this guide specification. When this option is used it shall be performed immediately after roller compaction and prior to curing with plastic.
- b. Joints shall be $\frac{1}{4}$ the depth of the thickness of the slab.
- c. Isolation joints shall be used when abutting fixed vertical structures.

6. Curing:

- a. The sidewalk surface shall be covered with a minimum of 6 mil thick polyethylene sheet or other approved covering material. Prior to covering, a non-film forming cure or sealer or evaporation reducer shall be sprayed onto the surface. (See reference 2.04 Curing Materials). The plastic cover section shall be taped or glued, and any holes, tears, or cuts in the plastic shall be taped or repaired to prevent moisture loss and to prevent air infiltration under the plastic. All efforts shall be made to cure and cover the sidewalk within 20 minutes of placement.
- b. The curing cover will serve the dual purpose of ensuring a proper cure and preventing the infiltration of sediments into the void structure of the pervious concrete during construction. The curing cover shall remain securely in place until the expiration of the erosion control permit. No vehicular traffic shall be permitted on the sidewalk until the expiration of the erosion control permit. Pedestrian traffic may be permitted on the curing concrete after 24 hours. The Engineer may permit earlier traffic opening times.
- c. Proper cold weather concrete practices should be followed to maintain concrete temperatures above 40° F during the curing period.

3.02 Quality Control – Pervious Concrete:

- A. The City shall employ a testing laboratory that conforms to the requirements of ASTM E 329 and ASTM C 1077.
- B. Traditional concrete testing procedures for strength and slump control are not applicable to this type of sidewalk material.
- C. Unit weight density tests shall be performed for each 100 yd³ or fraction thereof with a minimum of one set of tests for each day's placement. Unit weight shall be measured in accordance with ASTM C 29. The measure is to be filled and compacted in accordance with ASTM C 29 paragraph 11, jiggling procedure or equivalent. The unit weight of the delivered concrete shall be ± 5 lb/ft³ of the design fresh unit weight (plastic density).
- D. Plastic concrete shall be sampled in accordance with ASTM C 172.

E. Void content – Void content of the plastic concrete shall be calculated as Per ASTM C 138 (Gravimetric Air Determination), and compared to the void percentage required by the hydraulic design. Unless otherwise specified, void content shall be between 15% and 20%.

F. After a minimum of seven (7) days, hardened concrete may be tested at a rate of one set of three cores per 150 yd³ of concrete placed. Cores shall be drilled in accordance with ASTM C 42. The cores shall be measured for density, thickness, void structure and unit weight. (Note: Cores are not to be tested for strength, as coring damages the specimens making strength results inconsistent and not representative of the in place material.)

G. Thickness – Untrimmed hardened core samples shall be used to determine placement thickness. The average of all production cores when measured for length shall not be more than ½ in. less than the specified design thickness.

H. Core unit weight (density) and void content – The cores shall be tested for unit weight (density) and void content using ASTM C 140. Unit weight (density) of cores trimmed and tested in the saturated condition, per ASTM C 140, paragraph 6.3.1, shall be +/- 5 lb/ft³ of the sample slab hardened unit weight. Void content shall not be lower than 5% below the specified design void content. Void content shall be calculated as follows:

1. % Voids = $1 - (Dd/di) * 100$
2. Where: Dd = oven dried density of core
3. Di = immersed density of core

METHOD OF MEASUREMENT

7" Pervious Concrete Sidewalk shall be measured by area in square feet acceptably completed.

BASIS OF PAYMENT

The area, measured as provided above, shall be paid for at the contract unit price per square foot, which price shall be full compensation for furnishing all materials, expansion joints and sealant; for preparation of subgrade including subbase, backfilling, and disposal of surplus material; for furnishing and installing geotextile fabric; for forming; for placing, finishing, protecting, jointing, sealing and curing of the concrete; for removing plastic curing cover at the expiration of the erosion control permit; and for all labor, tools, equipment and incidentals necessary to complete the work and restore the site of the work. Providing and placing crushed aggregate base course shall be paid for separately with bid items 90002 and 40101 as shown on the Pervious Concrete Sidewalk Detail of the Plans.

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

DESCRIPTION

Work under this bid item shall include all materials, equipment, labor and incidentals necessary to install Crushed Aggregate Base Course, 1" Clear Stone at the locations indicated in the plans and in accordance with Section 310 Open Graded Base of the State of Wisconsin Standard Specifications, 2010 edition.

MATERIALS

The Contractor shall use clean, washed crushed aggregate and at a gradation conforming to Section 310 of the State of Wisconsin Standard Specifications.

METHOD OF MEASUREMENT

Crushed Aggregate Base Course, 1" Clear Stone shall be measured by the ton acceptably completed.

BASIS OF PAYMENT

Crushed aggregate base course, 1" clear stone shall be measured as described above and shall be paid for at the contract price which shall be full compensation for all materials, equipment, labor, and incidentals required to complete the work as set forth in the description.

BID ITEM 90003 – 4" UNDER DRAIN

DESCRIPTION

Work under this item shall include all materials, equipment, labor, and incidentals necessary to install 4" Under Drain at the locations indicated on the plans. All work shall be completed per Section 201 of the City of Madison Standard Specifications with the under drain modified to 4 inch diameter.

METHOD OF MEASUREMENT

4" Under Drain shall be measured by the linear foot of under drain acceptably installed.

BASIS OF PAYMENT

4" Under Drain shall be measured as described above and shall be paid for at the contract price which shall be full compensation for all materials, equipment, labor, and incidentals required to complete the work as set forth in the description.

OBID ITEM 90004 – REMOVE, SALVAGE AND REINSTALL TYPE III BARRICADE

DESCRIPTION

Type III Barricades are currently in use at the existing north end of Cross Oak Drive and the existing east end of Silicon Prairie Parkway. These barricades will be reused at new street ends.

This bid item includes all work, equipment, materials, and incidentals necessary to Remove, Salvage, and Reinstall the existing barricades at the locations shown on the plans, or as directed by the Engineer.

The Contractor shall remove the barricades without causing any damage to the barricades; if the Contractor causes any damage to the barricades, it shall be repaired or replaced at no additional cost to the city. Once removed, the Contractor shall store the barricades in a secure location from the time it is removed and until it is reinstalled. It is the Contractor's responsibility to ensure that the barricades are not damaged, stolen or lost while they are removed. If barricades are stolen or lost, the Contractor shall replace the barricades at no additional cost to the city. Reinstallation of the barricades shall be per Article 107 of the Standard Specifications.

METHOD OF MEASUREMENT

Remove, Salvage and Reinstall Type III Barricade shall be measured as each unit acceptably removed, salvaged and reinstalled.

BASIS OF PAYMENT

Remove, Salvage and Reinstall Type III Barricade, measured as provided above, shall be paid at the contract unit price, which shall be full compensation for all work, equipment, labor and incidentals required to complete the work as set forth in the description.

BID ITEM 90030 – STORM CONTROL

DESCRIPTION

Work under this item shall include all work, materials, equipment, and incidentals required to control dry and wet weather flow in the storm sewer system during the reconstruction project. The Contractor shall take all necessary steps to protect the new and existing storm mains from damage during construction and to accommodate the existing flows during construction.

This item includes all storm control necessary for all aspects of the Construction.

Work under this item shall include all work, materials, equipment, and incidentals required to control dry and wet weather flow in the storm sewer system during the reconstruction project to minimize damage to the treatment structure during installation of the structure and during concrete cure times.

METHOD OF MEASUREMENT

Storm Control shall be measured by the lump sum for all dewatering necessary throughout construction.

BASIS OF PAYMENT

Storm Control shall be paid for at the contract price, which shall be full compensation for all work as outlined in the description.

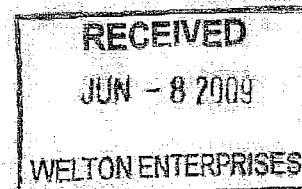
May 28, 2009

New WEI, LLC
c/o Welton Enterprises
559 D'Onofrio Drive, Suite 222
Madison, WI 53719

NTS Project No. 76010_STR

Attention: Mr. Kurtis Welton

Subject: Subsurface Soil Investigation Report
Silicon Prairie Community Plat
SE Corner of Mineral Point Road
And South Point Road Intersection
Madison, WI



As requested, Nummelin Testing Services, Inc. has conducted a Geotechnical Engineering Subsurface Investigation and Report for the above named project. We enclose our report, "Subsurface Soil Investigation, Silicon Prairie Community Plat, SE Corner of Mineral Point Road and South Point Road Intersection, Madison, WI - NTS 760.10," which discusses our conclusions and recommendations.

If additional information or clarification is needed, or if we may be of further service during the construction phase of the project, please do not hesitate to contact our office.

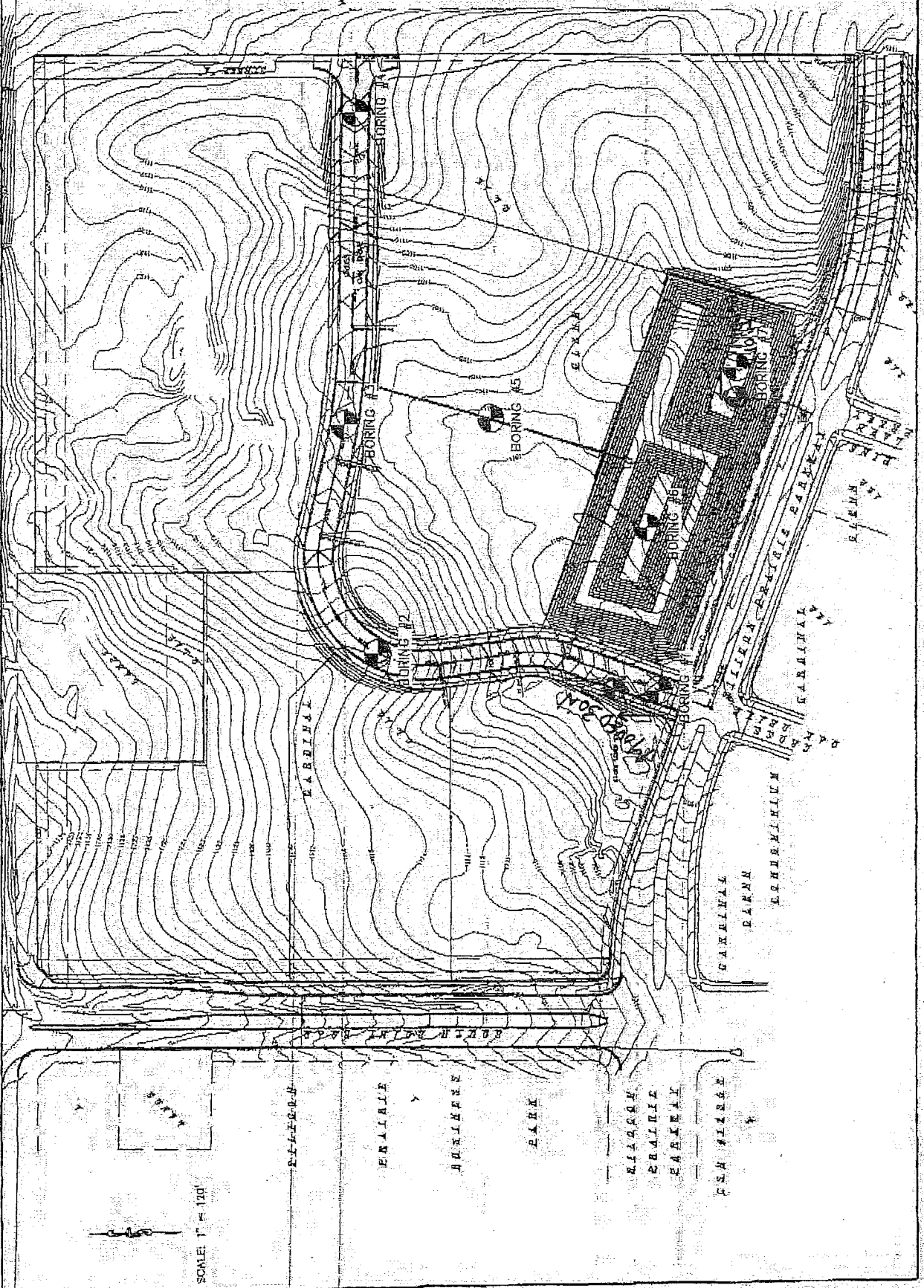
The soil samples have been examined and will be discarded after August 1, 2009, unless other instructions are received prior to that date.

Respectfully,

A handwritten signature in cursive script that reads "Benjamin K. Nummelin".

Benjamin K. Nummelin, P.E.
NUMMELIN TESTING SERVICES, INC.

bkn/cerl
encl. report & boring logs
abandonment forms
location sketch



Burse
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E-1

Silicon Prairie Community Plat - Plan M
 Approved: 08/14/09
 606 Colorado Drive, Suite 202
 Golden, Colorado 80401
NEW WEI, LLC
 14000 10th Avenue
 Suite 100
 Golden, CO 80401
 Phone: 303.440.1000
 Fax: 303.440.1001
 www.newwei.com

SOIL BORING LOCATION SKETCH

BORING LOG NOTES

DESCRIPTIVE TERM, GRANULAR SOIL (% BY DRY WEIGHT)

Trace	0% - 5%
Little	5% - 12%
Some	12% - 35%
And	35% - 50%

Q_p = Estimated Unconfined Compressive Strength (by pocket penetrometer) expressed in tons per square foot (t/sf).

Q_u = Estimated Unconfined Compressive Strength (by ASTM 2166) expressed in tons per square foot (t/sf).

NM = Natural Moisture

M = MOISTURE

D = Dry	F = Frozen
M = Moist	W = Wet
S = Saturated	

LOI = Loss on Ignition (Organic Content)

N (Standard Blow Count) = blows per foot, as shown. Performed in general accordance with Standard Penetration Test Specifications (ASTM D-1586).

NR = No Recovery

WOH = Weight of Hammer

= Sample Number

SOIL CLASSIFICATION

F = Fine	LL = Liquid Limit, percent
M = Medium	PL = Plastic Limit, percent
C = Coarse	PI = Plasticity Index (LL-PL)
W.L. = Water Level	

SOIL STRENGTH CHARACTERISTICS

CONSISTENCY (Cohesive Soils)

<u>Term</u>	<u>Q_u tons/sq.ft.</u>
Very Soft.....	0.0 to 0.25
Soft.....	0.25 to 0.50
Firm.....	0.50 to 1.0
Stiff.....	1.0 to 2.0
Very Stiff.....	2.0 to 4.0
Hard.....	Over 4.0

RELATIVE DENSITY (Granular Soils)

<u>Term</u>	<u>"N" Value</u>
Very Loose.....	0 - 4
Loose.....	4 - 10
Medium-Dense.....	10 - 30
Dense.....	30 - 50
Very Dense.....	Over 50

ORGANIC CONTENT BY COMBUSTION METHOD

<u>Soil Description</u>	<u>Loss On Ignition</u>
Non Organic	Less than 4%
Organic Silt / Clay	4 - 12%
Sedimentary Peat	12 - 50%
Fibrous & Woody Peat	More than 50%

PLASTICITY

<u>Term</u>	<u>Plastic Index</u>
None to Slight	0 - 4
Slight	5 - 7
Medium	8 - 22
High to Very High	Over 22

SOIL BORING LOG

Boring By: Nummelin Testing Services, Inc.

Boring: B1

Auger: HSA

Page: 1 of 1

Drillers: NH/MA

Date: 04/22/09

Project: Silicon Prairie Community Plot

Location: Moved 30'N b/c of Standing Water - See Sketch

SE Corner Intersection of Mineral Pt & South Pt Rd, Madison, WI

Elevation:

Depth (ft)	Classification/Description	#	Sample Depth(ft)	N	Rec (in)	M	Qp (tsf)	Notes
1	Dark Brown Black CLAY With Organics (Topsoil) ----- 6" -----	1	0 - 2	23	24"	M		
2	Dark Brown to Black CLAY							
3	----- 3.0' -----							
4	Dark Brown Silty CLAY Fine Sand Seams Trace Gravel	2	3.5 - 5	10	18"	M	1.75	
5	----- 5.5' -----							
6	Brown/Gray CLAY Few Fine Sand Seams	3	6 - 7.5	8	18"	M	2.75	
7								
8	----- 8.0' -----							
9		4	9 - 10.5	6	18"	W		
10								
11	Brown Fine SAND w/ Occasional 1/4" Thick Gray Silt Layers							
12								
13		5	13.5 - 15	9	18"	M		
14								
15	----- E.O.B. 15.0' ----- ----- Dry @ Completion ----- ----- Borehole Filled w/ Bentonite Chips -----							

SOIL BORING LOG

Boring By: Nummelin Testing Services, Inc.

Project: Silicon Prairie Community Plot

Location: See Sketch
SE Corner Intersection of Mineral Pt & South Pt Rd, Madison, WI

Boring: B2

Auger: HSA

Page: 1 of 1

Drillers: NH/MA

Date: 04/22/09

Elevation:

Depth (ft)	Classification/Description	#	Sample Depth(ft)	N	Rec (in)	M	Qp (tsf)	Notes
1	Dark Brown Black CLAY With Organics (Topsoil) ----- 8" -----	1	0 - 2	8	24"	M	1.25	
2	Dark Brown CLAY							
3	----- 3.0' -----							
4	Light Brown Fine SAND Some Gravel	2	3.5 - 5	19	6"	M		Possibly Hit Cobble in Sampler
5	----- 5.5' -----							
6	(Hard Drilling from 6' to 15')	3	6 - 7.5	20	18"	M		
7								
8								
9		4	9 - 10.5	20	18"	M		
10	Brown Fine SAND Some Silt, Little Gravel							
11								
12								
13		5	13.5 - 15	32	18"	M		
14								
15	----- E.O.B. 15.0' ----- ----- Dry @ Completion ----- ----- Borehole Filled w/ Bentonite Chips -----							

SOIL BORING LOG

Boring By: Nummelin Testing Services, Inc.

Boring: B3
Auger: HSA
Page: 1 of 1
Drillers: NH/MA
Date: 04/22/09

Project: Silicon Prairie Community Plot

Location: See Sketch

SE Corner Intersection of Mineral Pt & South Pt Rd, Madison, WI

Elevation:

Depth (ft)	Classification/Description	#	Sample Depth(ft)	N	Rec (in)	M	Qp (tsf)	Notes
1	Dark Brown Silty CLAY With Organics (Topsoil) ----- 10" -----	1	0 - 2	7	24"	M	1.25	
2	Dark Brown CLAY							
3	----- 3.0' -----							
4	Brown Silty CLAY	2	3.5 - 5	4	4"	W		
5	----- 5.5' -----							
6	Brown Silty Fine SAND	3	6 - 7.5	10	18"	W		
7	----- 8.0' -----							
8	Brown / Gray SILT Trace Fine Sand	4	9 - 10.5	10	18"	M		
9	----- 12.5' -----							
10	Brown Fine SAND & GRAVEL	5	13.5 - 15	22	8"	M		
11	----- E.O.B. 15.0' -----							
12	----- Dry @ Completion -----							
13	----- Borehole Filled w/ Bentonite Chips -----							
14								
15								

SOIL BORING LOG

Boring By: Nummelin Testing Services, Inc.

Project: Silicon Prairie Community Plot

Location: See Sketch

SE Corner Intersection of Mineral Pt & South Pt Rd, Madison, WI

Boring: B4

Auger: HSA

Page: 1 of 1

Drillers: NH/MA

Date: 04/22/09

Elevation:

Depth (ft)	Classification/Description	#	Sample Depth(ft)	N	Rec (in)	M	Qp (tsf)	Notes
1	Dark Brown Black Silty CLAY With Organics (Topsoil) ----- 10" -----	1	0 - 2	8	24"	M	1.5	
2	Dark Brown CLAY							
3	----- 3.0' -----							
4	Brown Sandy CLAY	2	3.5 - 5	6	18"	M		
5	----- 5.0' -----							
6	(Harder Drilling from 6' to 15') Brown Fine to Medium SAND Little Gravel, Little Silt	3	6 - 7.5	21	18"	M		
7								
8	----- 8.0' -----							
9		4	9 - 10.5	19	18"	M		
10								
11								
12	Brown Fine SAND Some Silt							
13		5	13.5 - 15	24	18"	M		
14								
15	----- E.O.B. 15.0' ----- ----- Dry @ Completion ----- ----- Borehole Filled w/ Bentonite Chips -----							

SOIL BORING LOG

Boring By: Nummelin Testing Services, Inc.

Project: Silicon Prairie Community Plot

Location: See Sketch
SE Corner Intersection of Mineral Pt & South Pt Rd, Madison, WI

Boring: B5
Auger: HSA
Page: 1 of 1
Drillers: NH/MA
Date: 04/22/09
Elevation:

Depth (ft)	Classification/Description	#	Sample Depth(ft)	N	Rec (in)	M	Op (tsf)	Notes
1	Black Silty CLAY Trace Organics	1	0 - 2	8	24"	M		
2								
3	----- 3.0' -----	2	3.5 - 5	13	8"	M	3.0	
4	Brown/Gray CLAY							
5	----- 5.5' -----							
6		3	6 - 7.5	6	18"	S		
7	Brown Clayey SAND							
8	----- 8.0' -----							
9		4	9 - 10.5	3	18"	S		
10	Brown Clayey SILT							
11								
12	----- 12.0' -----							
13		5	13.5 - 15	15	18"	M		
14	Light Brown Fine SAND Little Silt							
15	----- E.O.B. 15.0' ----- ----- Dry @ Completion ----- ----- Borehole Filled w/ Bentonite Chips -----							



CENTRAL WISCONSIN AREA:
3217 Whiting Avenue
P.O. Box 127
Stevens Point, WI 54481
(715) 341-7974 • Fax (715) 341-8654

MADISON AREA:
5620 Woodland Drive
Waunakee, WI 53597
(608) 849-9120 • Fax (608) 849-

Vierbicher Associates, inc.
999 Fourier Drive, Suite 201
Madison, WI 53717
VIA EMAIL: rkol@vierbicher.com

April 25, 2014

NTS 7715301_let

ATTN: Mr. Randall T. Kolinke

RE: Subsurface Investigation
Proposed Silicon Prairie Apartments - Silicon Prairie Parkway
City of Madison, Dane County, WI

SUBSURFACE INVESTIGATION


As requested, Nummelin Testing Services, Inc. has conducted a Geotechnical Engineering Subsurface Exploration and Report for the above-named project. We enclose our report, "Proposed Silicon Prairie Apartments - Silicon Prairie Parkway, City of Madison, Dane County, Wisconsin - NTS 771.53," which discusses our conclusions and recommendations.

If additional information or clarification is needed, or if we may be of further service during the construction phase of the project, please do not hesitate to contact our office.

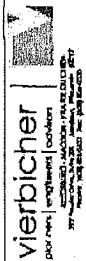
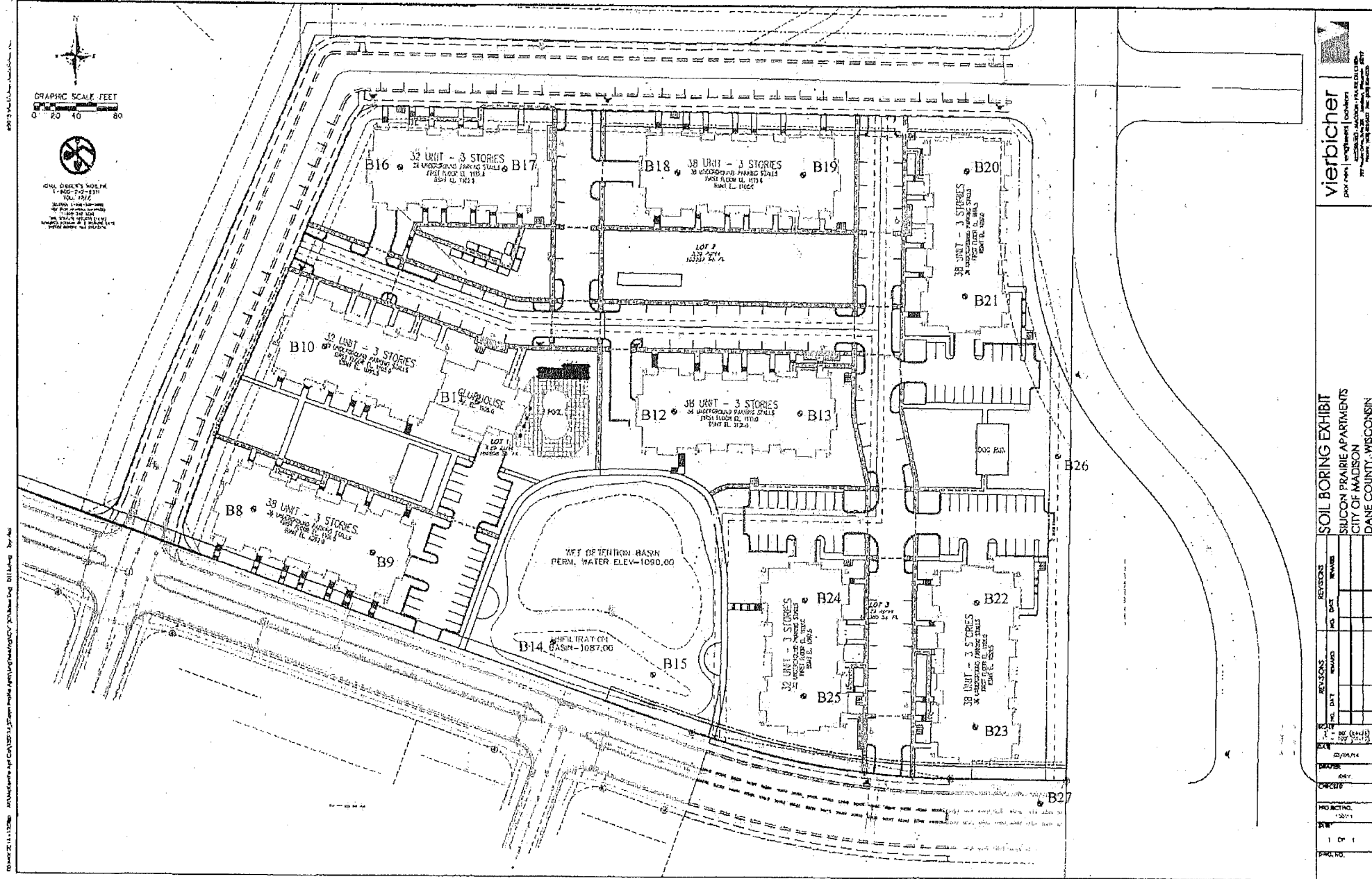
We will dispose of soil samples from the borings after August 1, 2014 unless notified otherwise.

Respectfully,

NUMMELIN TESTING SERVICES, INC.


Michael J. Krawczyk, P.E.
mjk/njf

encl.



SOIL BORING EXHIBIT
SILICON PRAIRIE APARTMENTS
CITY OF MADISON
DANE COUNTY, WISCONSIN

NO.	REVISIONS		REVISIONS	
	DATE	BY	DATE	BY
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

DATE: 04/02/14
DRAWN: DEW
CHECKED: CWC
PROJECT: 10011
SHEET: 1 OF 1
SCALE: AS SHOWN

Site Plan Provided by Vierbicher Associates, Inc.
 Silicon Prairie Apartments
 Silicon Prairie Parkway
 City of Madison, Dane County, WI
 NTS 771.53, April 2, 2014
 Field Investigation by NTS-Waunakee

SOIL BORING LOG

Boring By: Nummelin Testing Services, Inc.

Project: Silicon Prairie Apartments
Location: Silicon Prairie Parkway, City of Madison, Dane County, WI
 See Site Plan

Boring: 26

Page: 1 of 1

Date: 4-1-2014

Elevation: 1108.9'

Depth (feet)	Classification/Description	#	Sample Depth(feet)	N	Rec (inches)	M	Qp (tsf)	Notes
1	Dark Brown Lean Clay (TOPSOIL) -----1.3'-----							
2	Brown Lean Clay [USCS: CL]	1	0.0 - 2.0	3	16	W/S		
3	-----3.5'-----							
4	Reddish-Brown Clayey Fine Sand [USCS: SC]	2	3.5 - 5.0	4	3	W/S		
5	-----6.0'-----							
6	Brown Clayey Silt [USCS: CL - ML]	3	6.0 - 7.5	2	10	S		
7	-----8.5'-----							
8								
9								
10	Brown Silty Fine Sand, Some Gravel [USCS: SM]	4	8.5 - 10.0	11	8	M		
11								
12								
13	-----Water @ 13.6'-----							
14								
15		5	13.5 - 15.0	22	2	S		
16								
17								
18								
19	Brown Silty Fine Sand, Some Gravel [USCS: SM]	6	18.5 - 20.0	23	12	S		
20								
21								
22								
23								
24								
25	-----End of Boring @ 25.0'----- ---Bore Hole Filled With Bentouite Chips---	7	23.5 - 25.0	28	10	S		

SOIL BORING LOG

Boring By: Nummelin Testing Services, Inc.

Boring: 27

Project: Silicon Prairie Apartments
Location: Silicon Prairie Parkway, City of Madison, Dane County, WI
 See Site Plan

Page: 1 of 1

Date: 4-1-2014

Elevation: 1112.0'

Depth (feet)	Classification/Description	#	Sample Depth(feet)	N	Rec (inches)	M	Qp (tsf)	Notes
1	Tan Fine Sand [USCS: SP]							
2		1	0.0 - 2.0	4	20	M		
3								
4								
5		2	3.5 - 5.0	6	14	M		
6								
7								
8		3	6.0 - 7.5	7	14	M		
9	-----9.0'-----							
10		4	8.5 - 10.0	22	10	M		
11	Brown Silty Fine Sand, Some Gravel [USCS: SM]							
12								
13	-----13.5'-----							
14								
15		5	13.5 - 15.0	16	12	M		
16	Tan Fine Sand [USCS: SP]							
17								
18	-----18.5'-----							
19								
20		6	18.5 - 20.0	30	16	M		
21	Brown Silty Fine Sand, Some Gravel [USCS: SM]							
22								
23	-----23.5'-----							
24	Tan Fine Sand & Sandstone [USCS: SP - GP] (PROBABLE BEDROCK)							
25	-----Spoon Refusal @ 23.8'----- -----End of Boring @ 23.8'----- -----Dry @ Completion----- -----Bore Hole Filled With Bentonite Chips-----	7	23.5 - 25.0	50/2"	2	M		



Department of Public Works
Engineering Division
Robert F. Phillips, P.E., City Engineer

City-County Building, Room 115
210 Martin Luther King, Jr. Boulevard
Madison, Wisconsin 53703
Phone: (608) 266-4751
Fax: (608) 264-9275
engineering@cityofmadison.com
www.cityofmadison.com/engineering

Assistant City Engineer
Michael R. Dailey, P.E.

Principal Engineers
Christina M. Bachmann, P.E.
John S. Fahrney, P.E.
Gregory T. Fries, P.E.
Christopher J. Petykowski, P.E.

Facilities & Sustainability
Jeanne E. Hoffman, Manager

Operations Manager
Kathleen M. Cryan

Mapping Section Manager
Eric T. Pederson, P.S.

Financial Manager
Steven B. Danner-Rivers

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-D4, P1-P3, P5 & X1-X13

INSERT SHEETS D1-D4, 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.

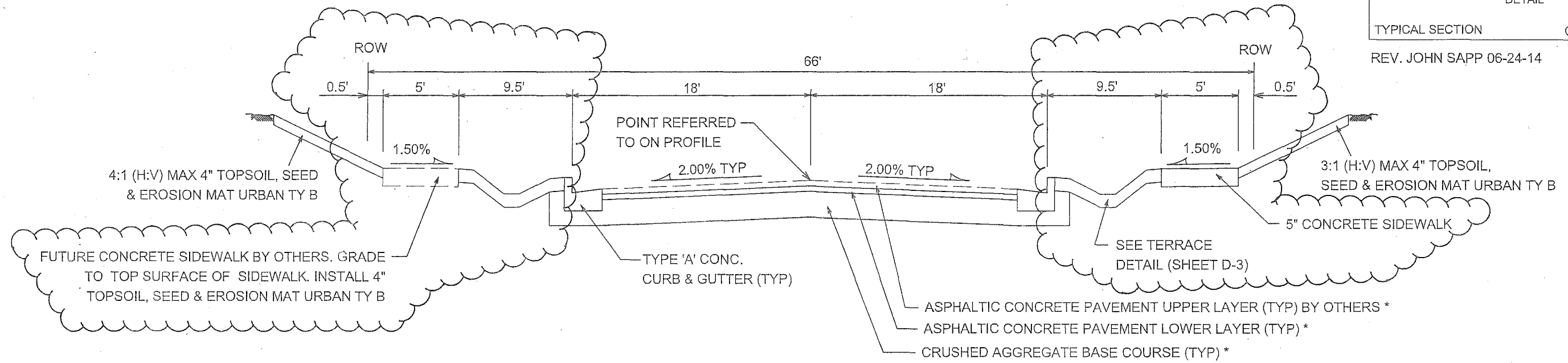
Please acknowledge this addendum on Page E-1.

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

Robert F. Phillips, P.E.
City Engineer

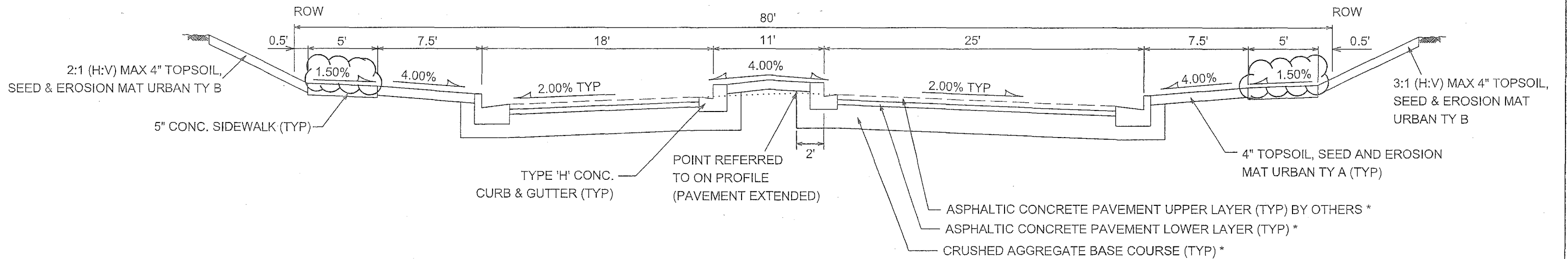
RFP:jmw

REV. JOHN SAPP 06-24-14



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	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 CROSS OAK DRIVE AND SILICON PRAIRIE PARKWAY.

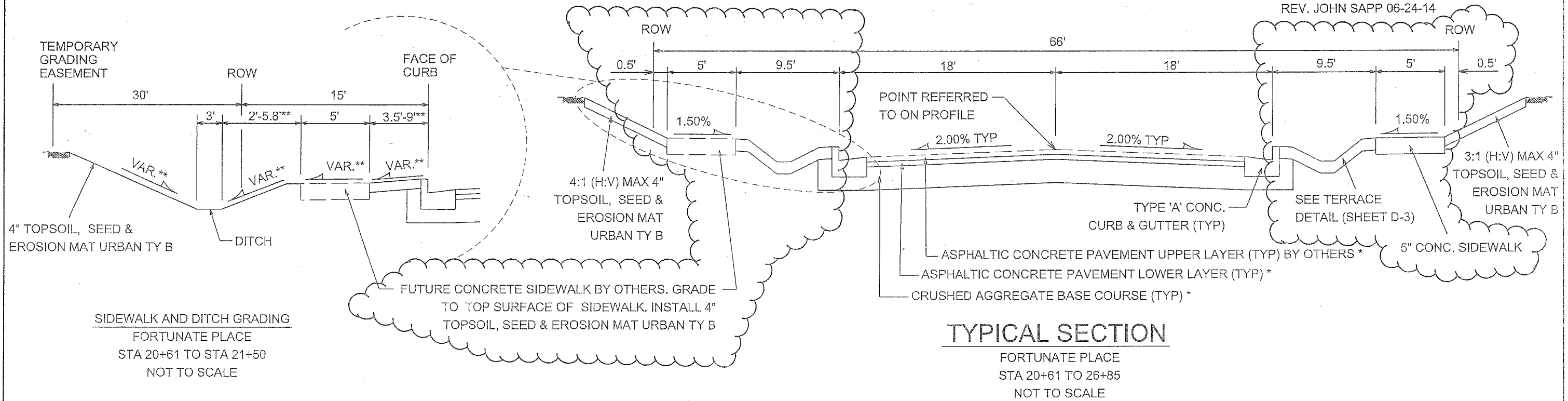
PLOT SCALE:

PLOT NAME:

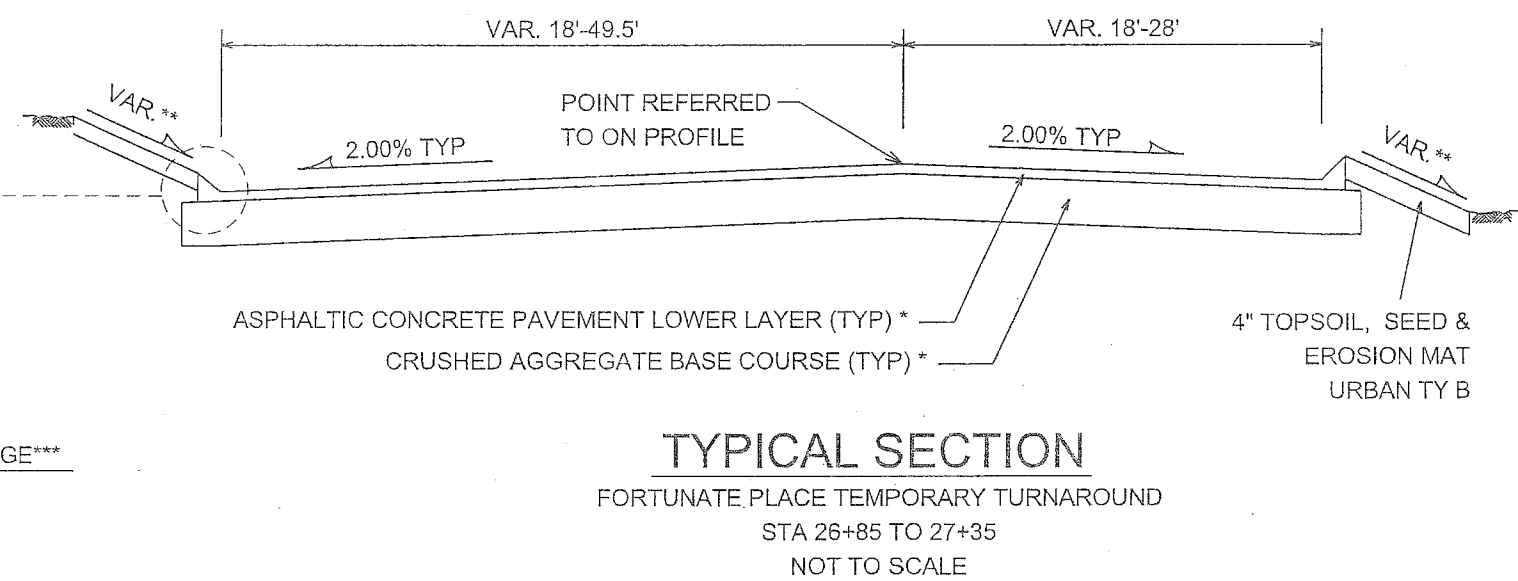
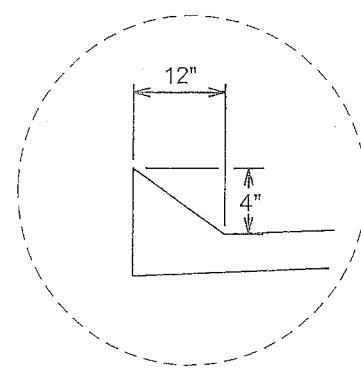
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. JOHN SAPP 06-24-14



SIDWALK AND DITCH GRADING
FORTUNATE PLACE
STA 20+61 TO STA 21+50
NOT TO SCALE



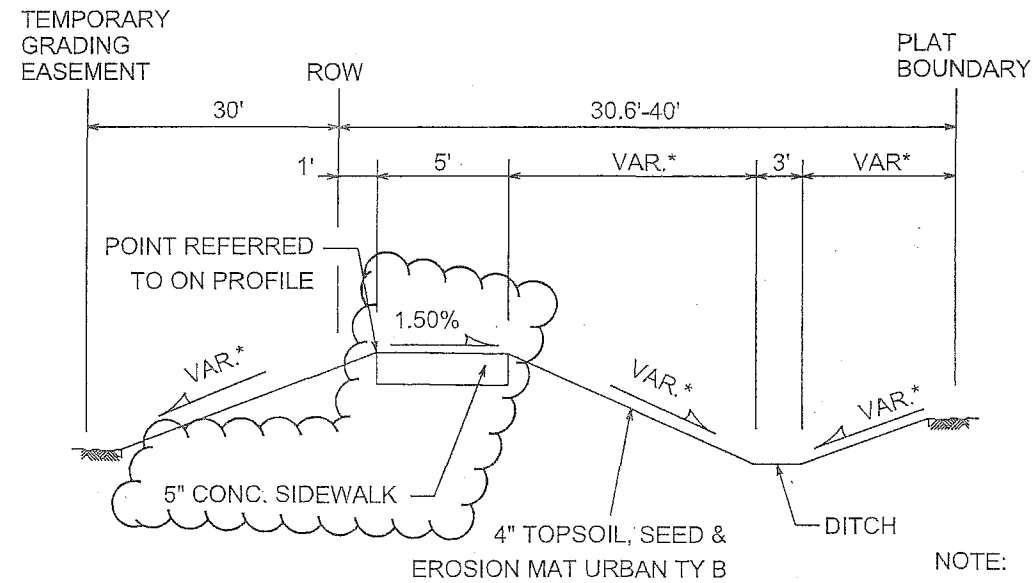
NOTES:

- * 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.

* 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"

PLOT SCALE: _____
 PLOT NAME: _____
 REV. DATE: _____
 ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



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

TYPICAL SECTION

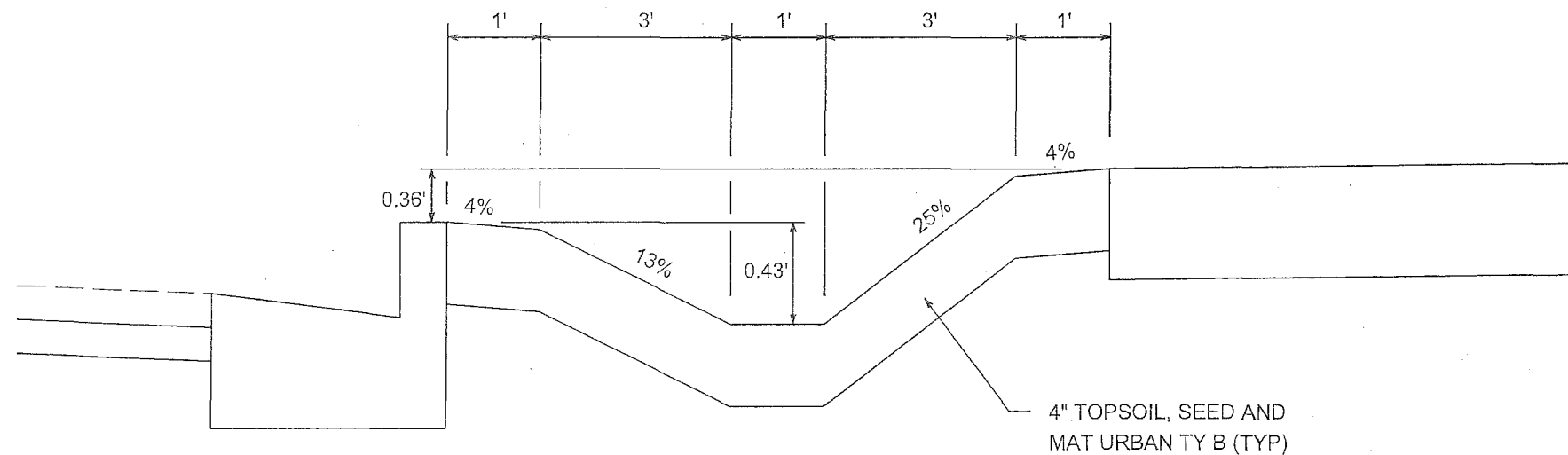
REDAN DRIVE SIDEWALK
STA 105+00 TO 106+81
NOT TO SCALE

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
⑤	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: _____

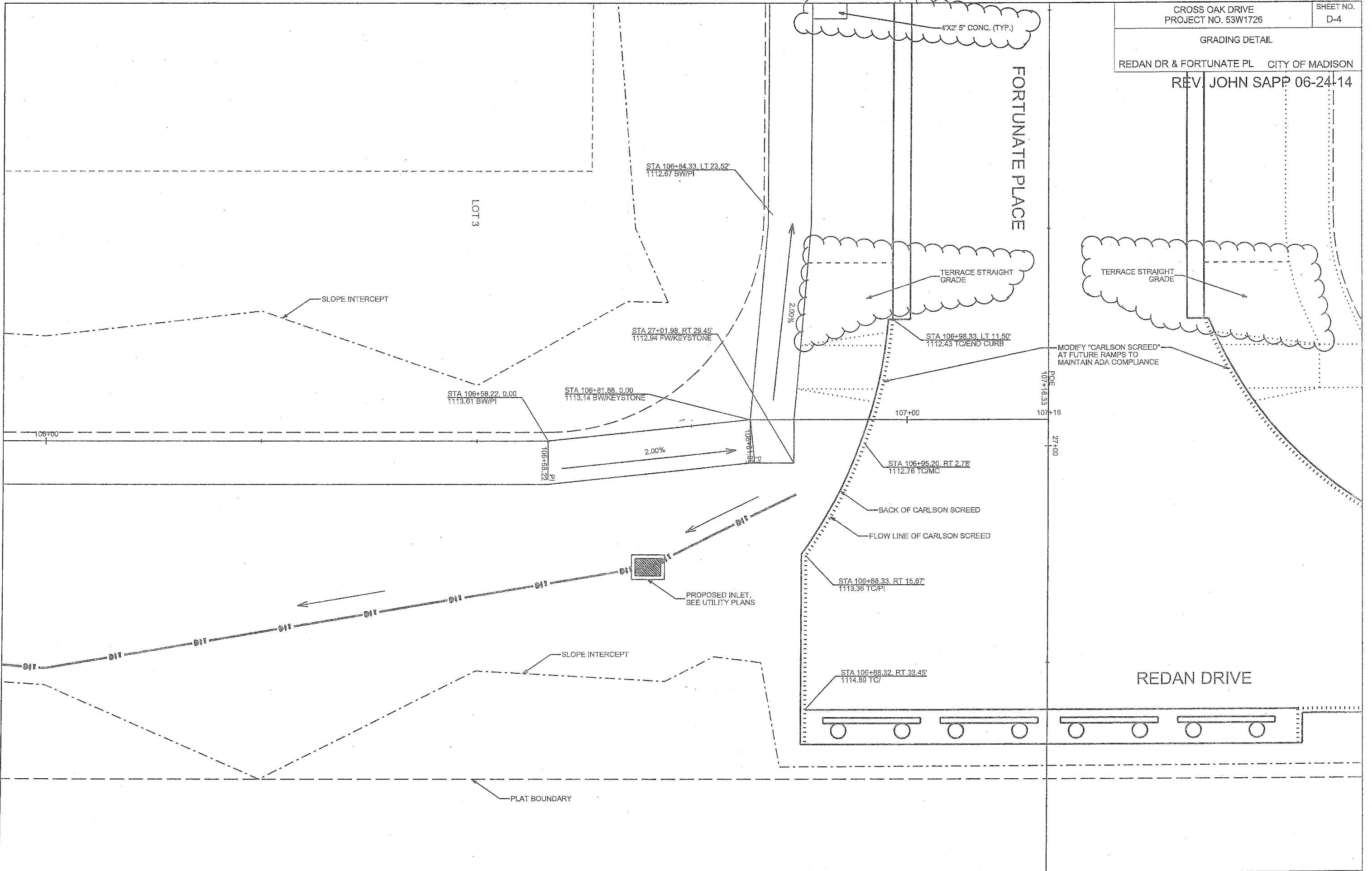
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

GRADING DETAIL

REDAN DR & FORTUNATE PL CITY OF MADISON

REV JOHN SAPP 06-24-14

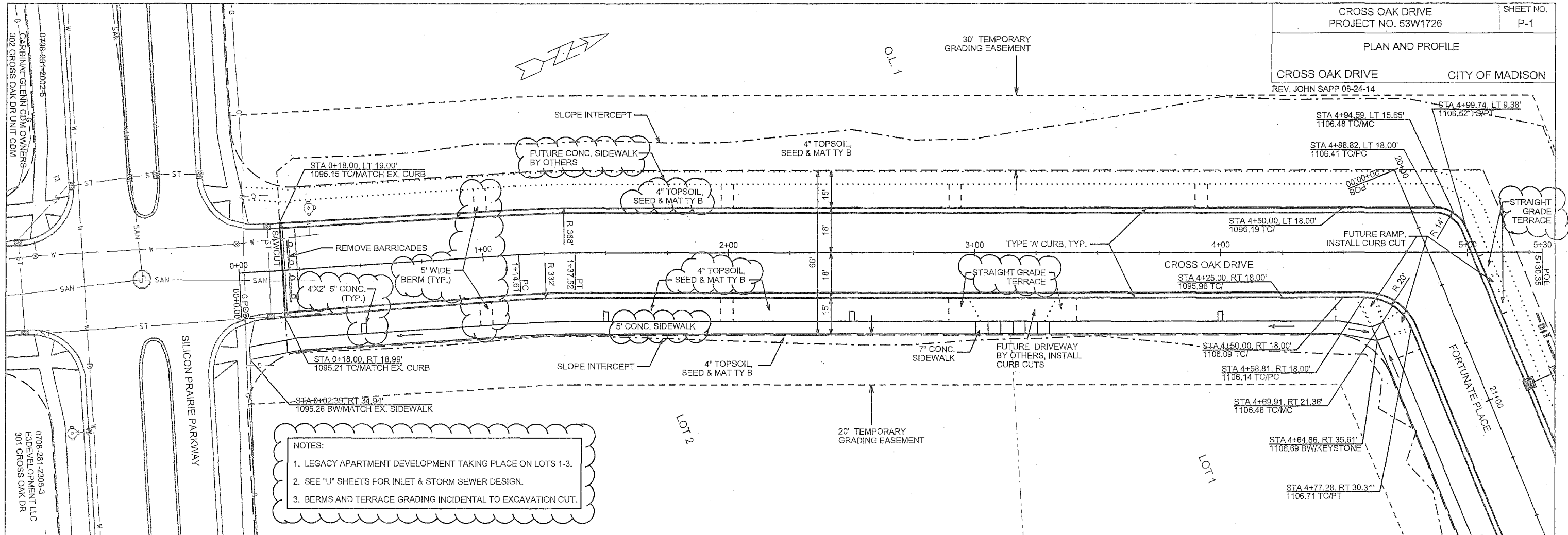


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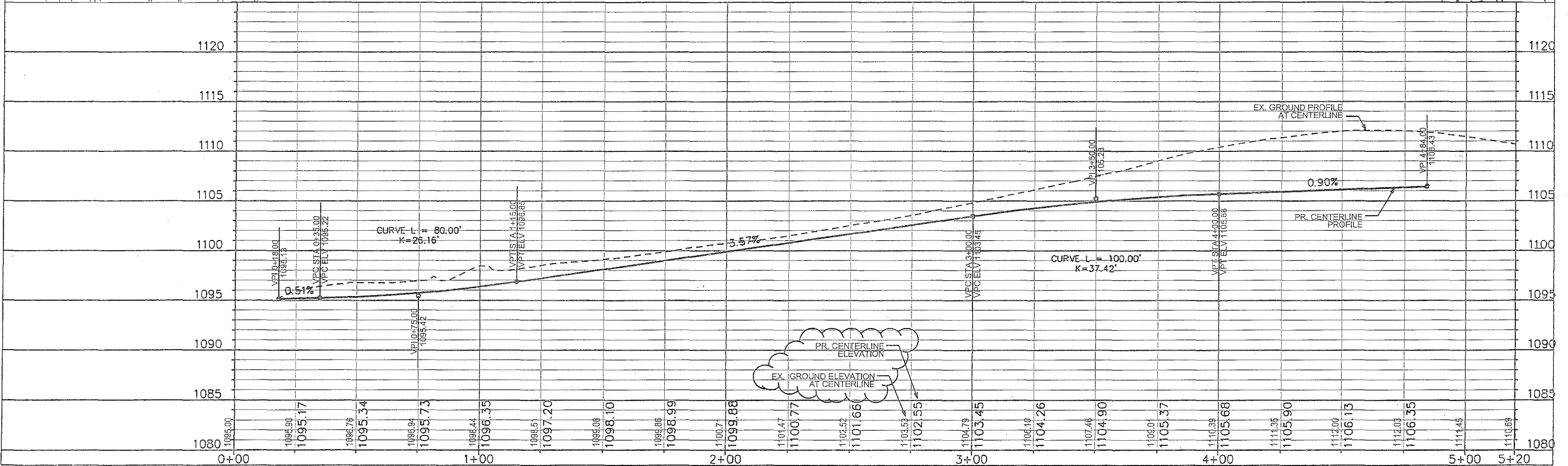
PLOT NAME:

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.

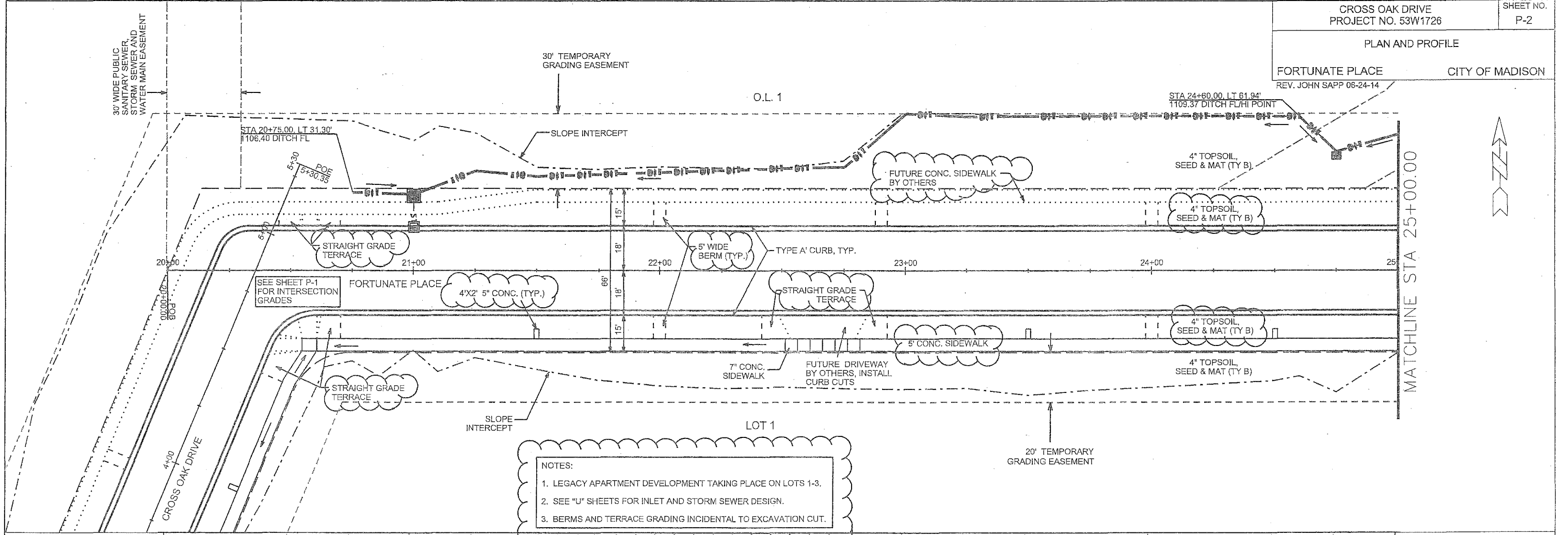


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PLOT NAME:

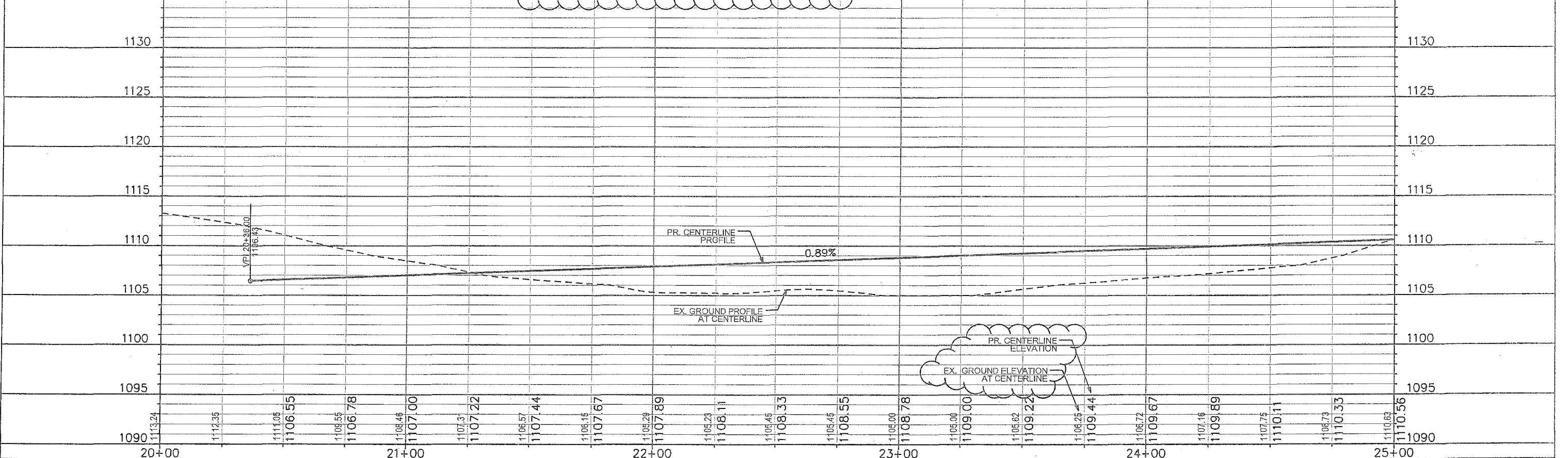
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



NOTES:

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

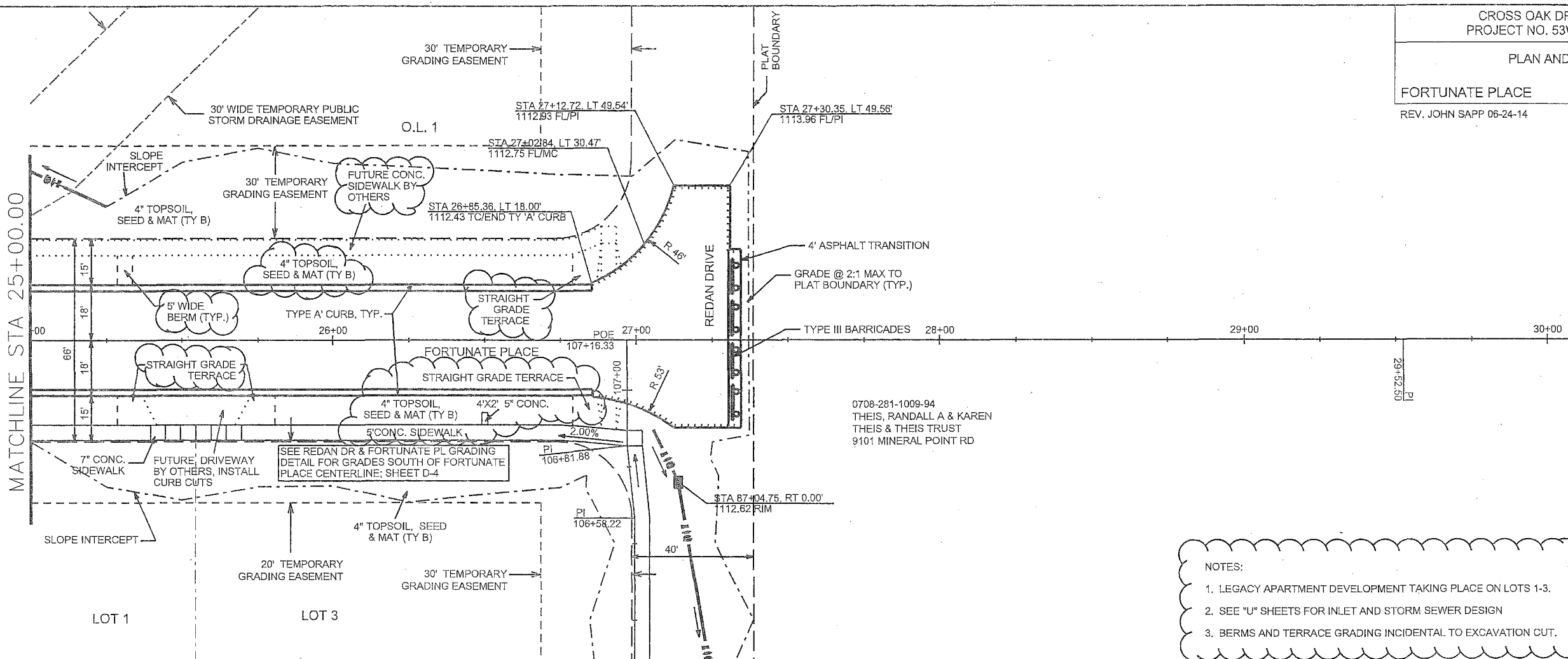


PLOT SCALE: _____
 PLOT NAME: _____
 REV. DATE: _____
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

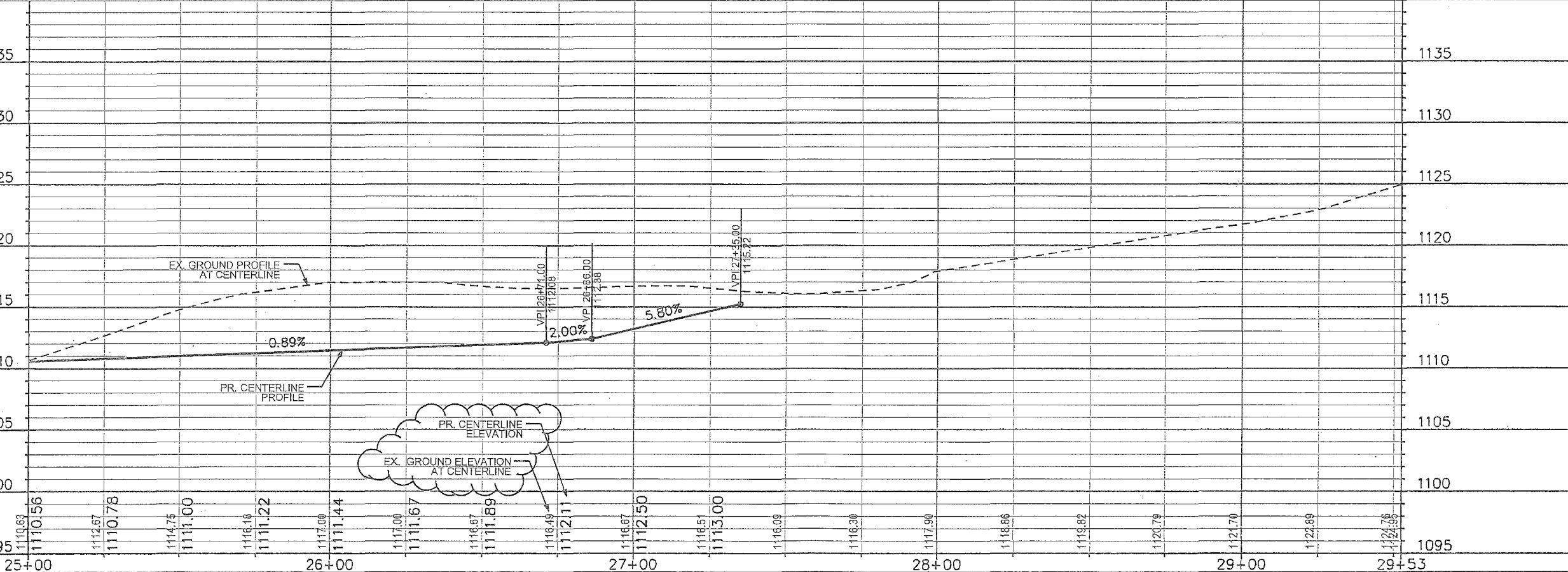
FORTUNATE PLACE CITY OF MADISON

REV. JOHN SAPP 06-24-14



0708-281-1009-94
THEIS, RANDALL A & KAREN
THEIS & THEIS TRUST
9101 MINERAL POINT RD

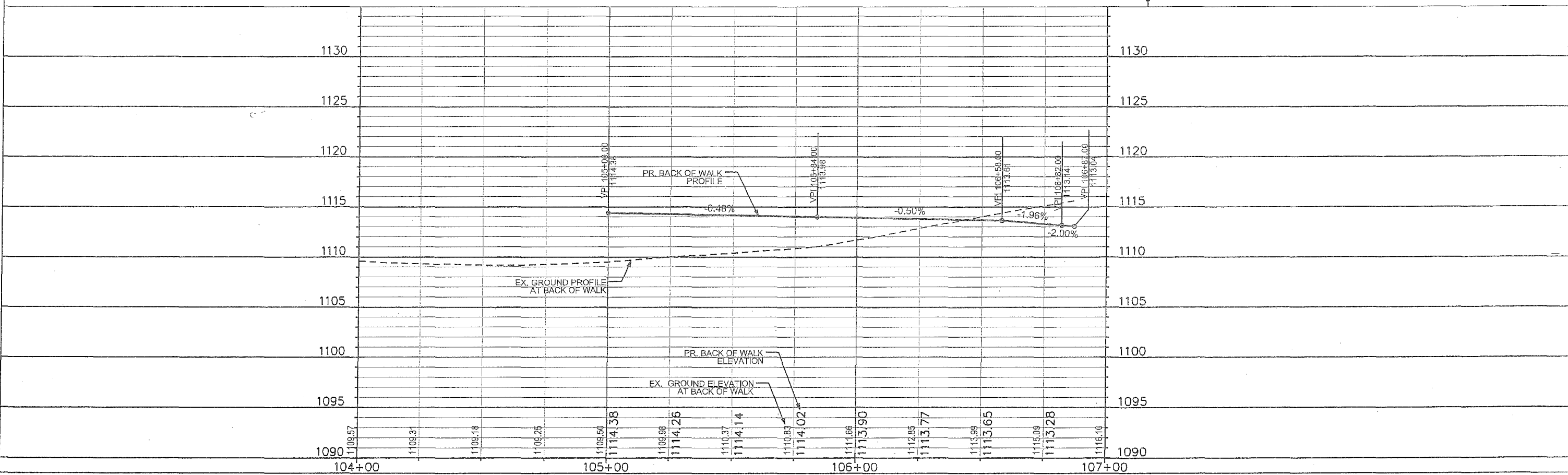
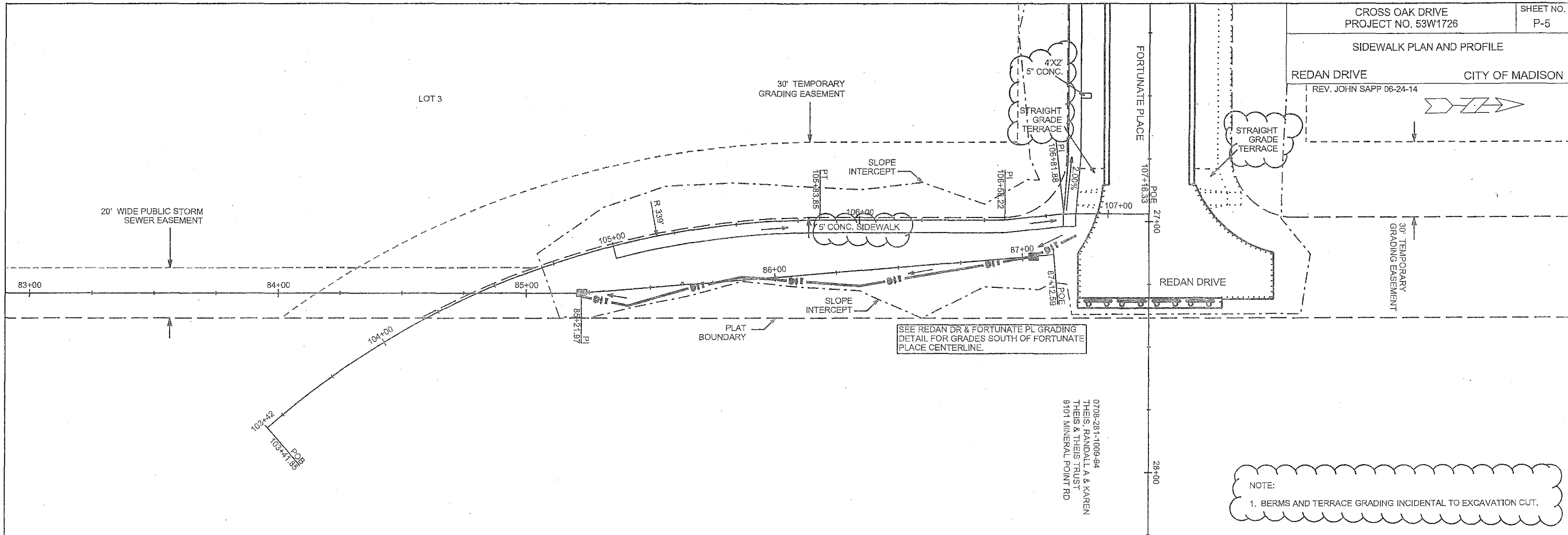
NOTES:
1. LEGACY APARTMENT DEVELOPMENT TAKING PLACE ON LOTS 1-3.
2. SEE "U" SHEETS FOR INLET AND STORM SEWER DESIGN
3. BERMS AND TERRACE GRADING INCIDENTAL TO EXCAVATION CUT.



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

SIDEWALK PLAN AND PROFILE

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



PLOT SCALE:

PLOT NAME:

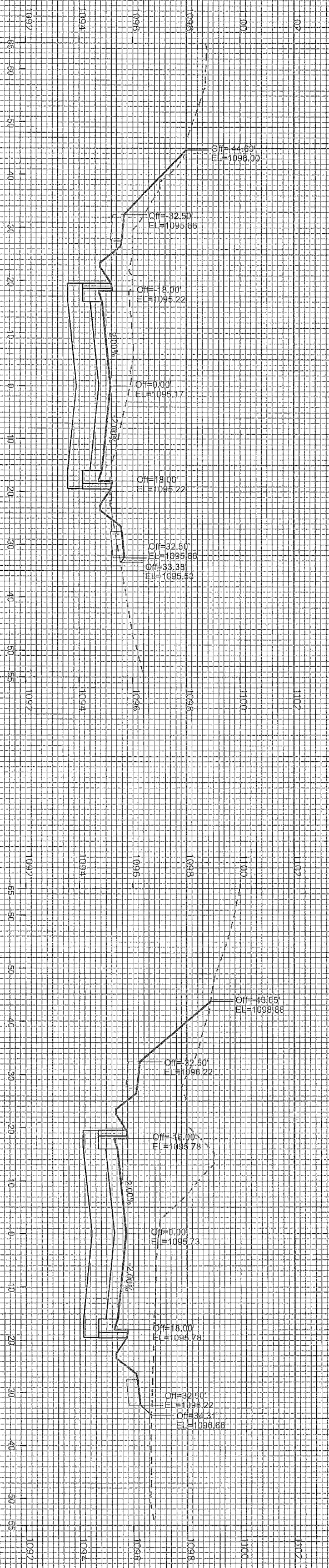
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

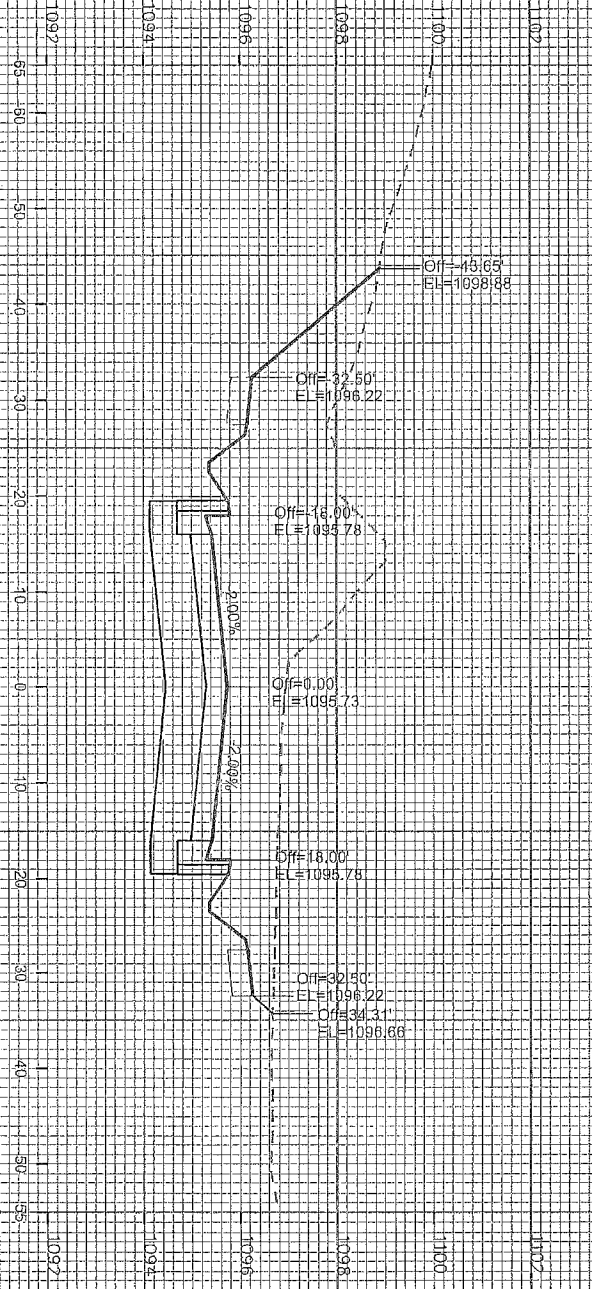
FUTURE SIDEWALK;
WORK BY OTHERS (TYP) STA 0118



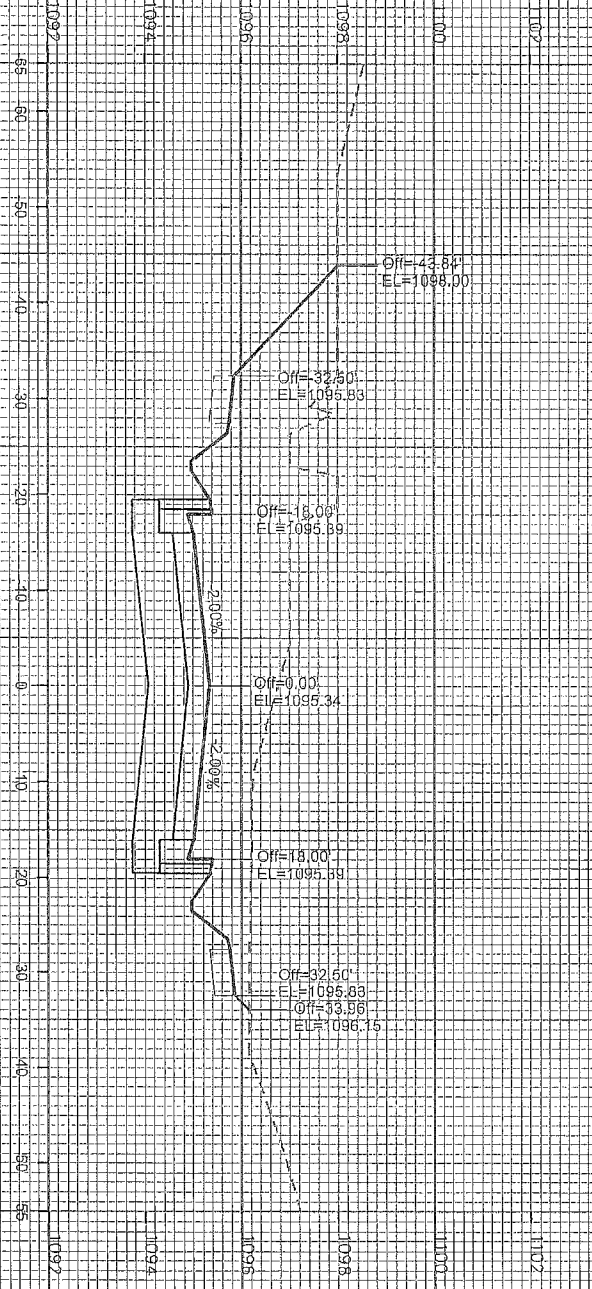
STA 0125



STA 0175

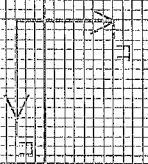


STA 0150



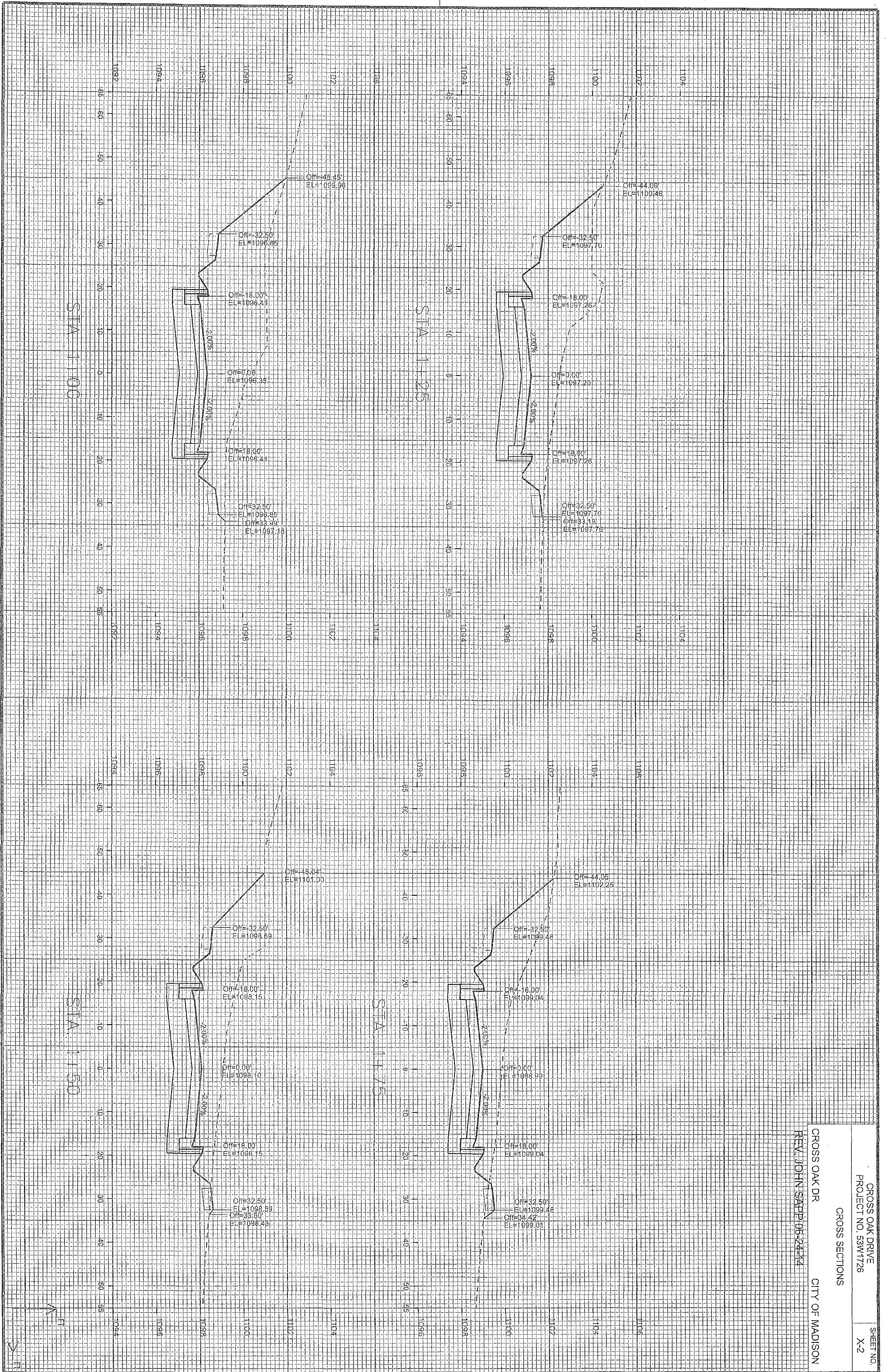
CROSS OAK DR CITY OF MADISON
REV JOHN SAP 06.24.14

CROSS SECTIONS
CROSS OAK DRIVE
PROJECT NO. 53W1726
SHEET NO. X-1



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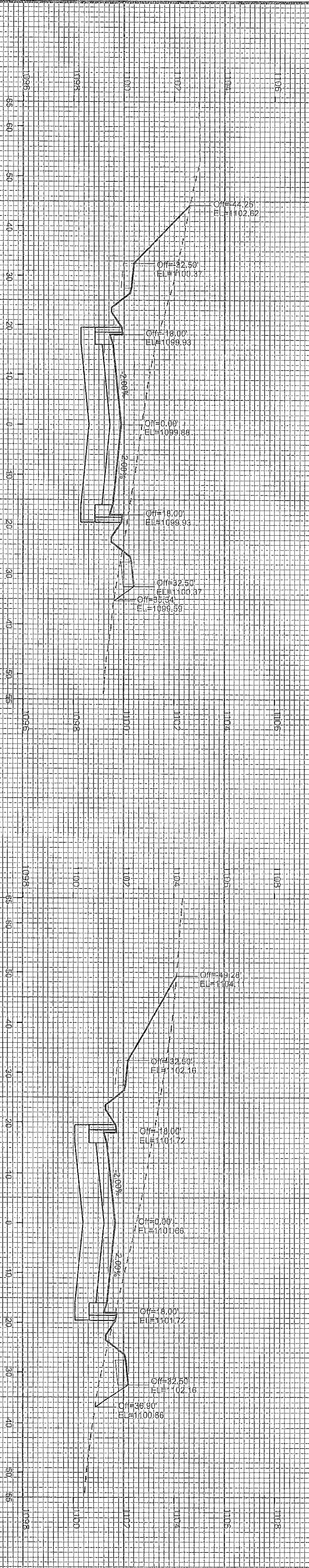
DATE: 8/26/2014



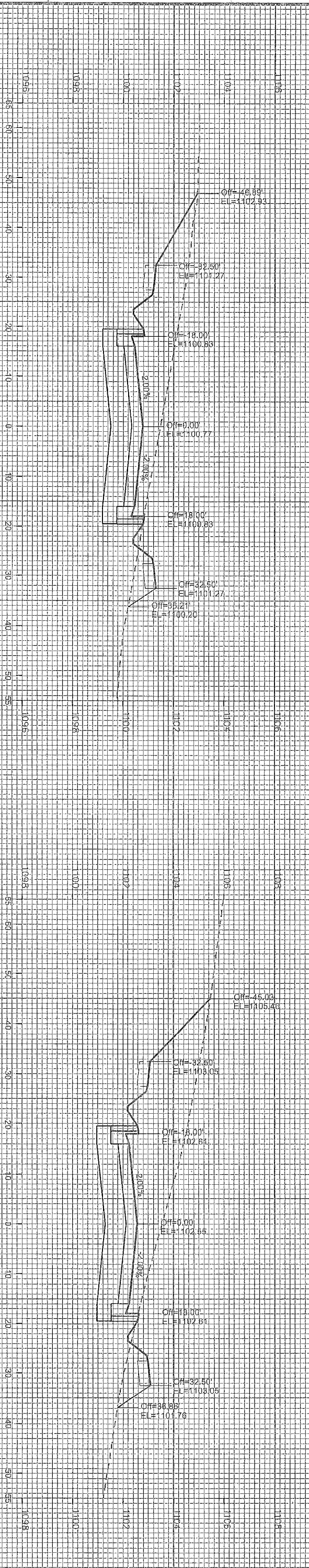
CROSS OAK DR
 REV. JOHN SAPP 06-24-14
 CITY OF MADISON

CROSS OAK DRIVE
 PROJECT NO. 53W1728
 CROSS SECTIONS
 SHEET NO. X-2

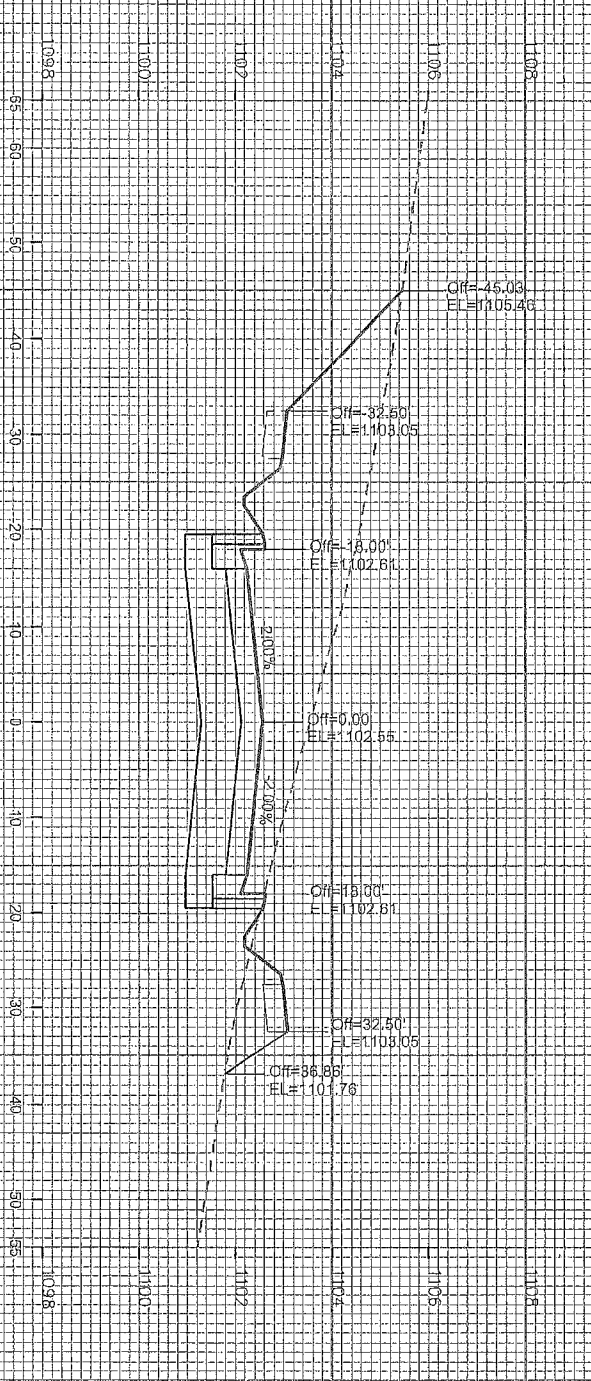
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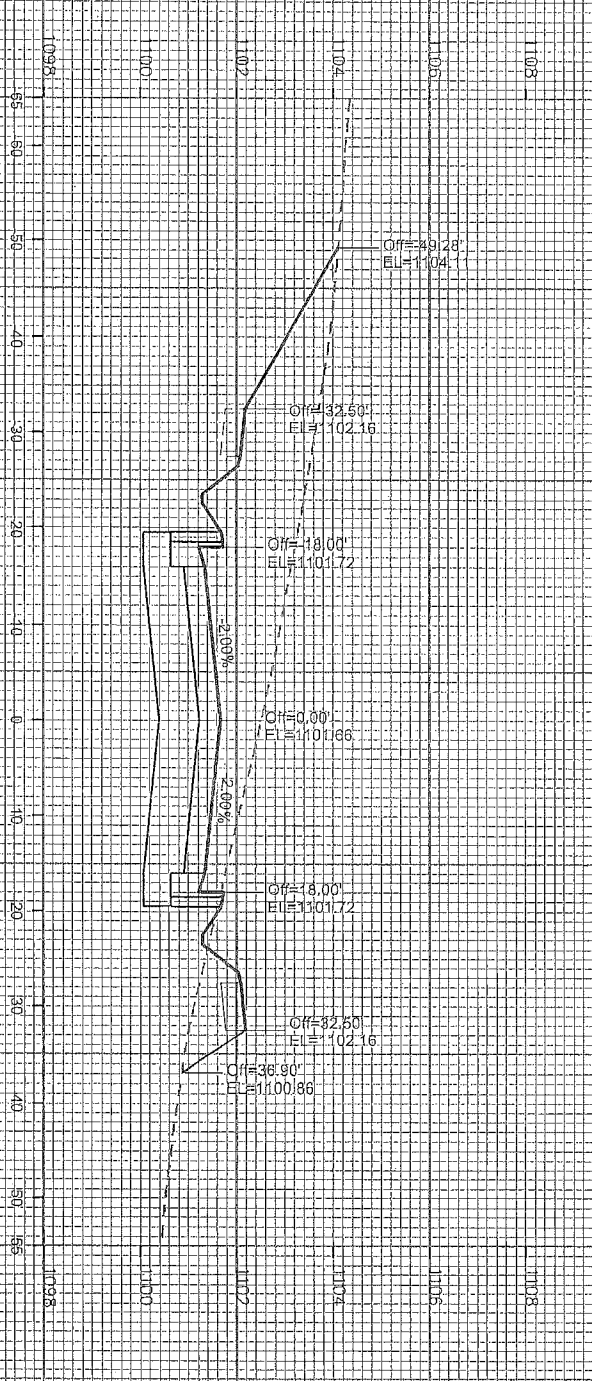
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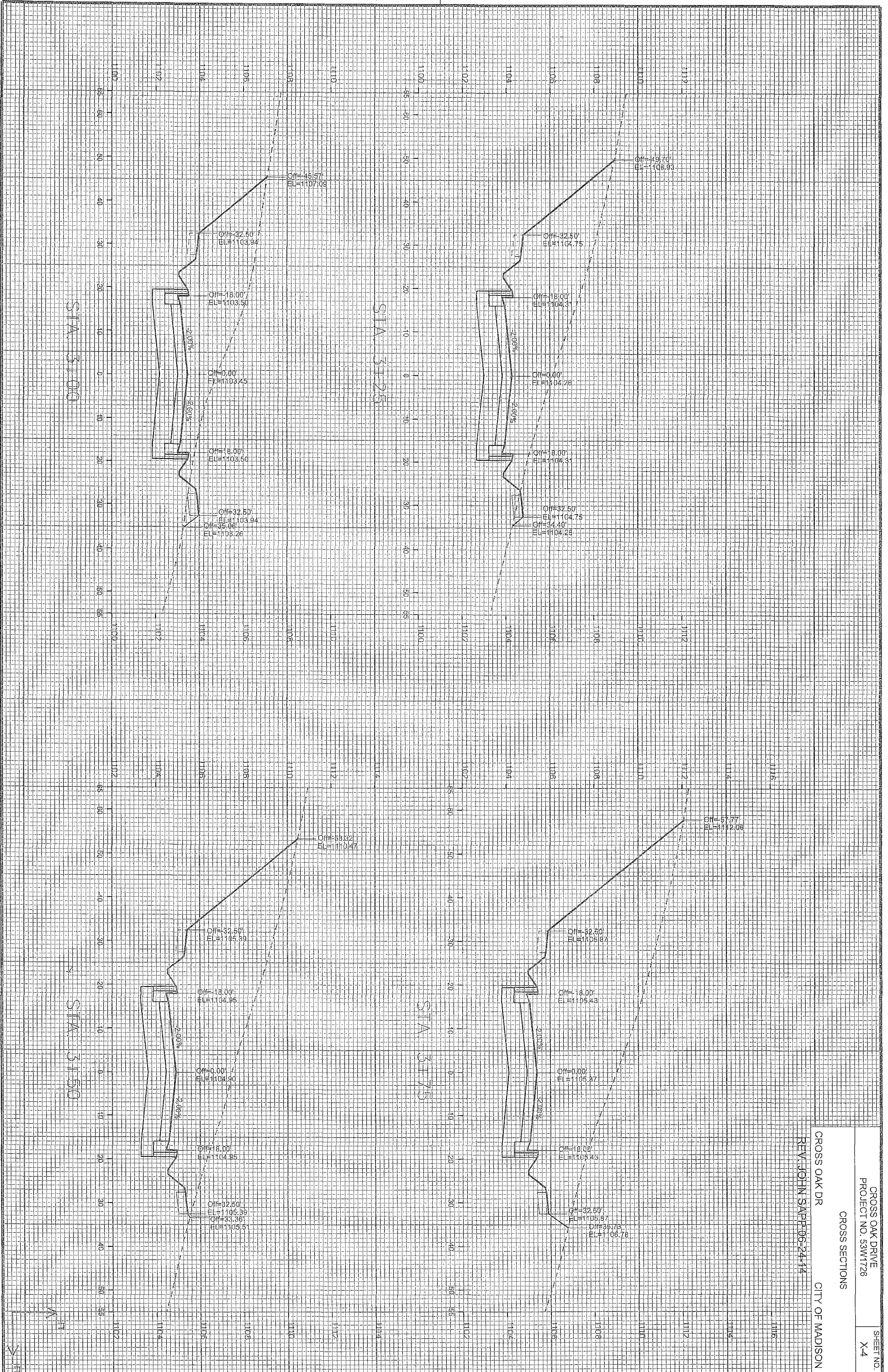


STA 2175



STA 2150





CROSS SECTIONS

CROSS OAK DR CITY OF MADISON
REV. JOHNISAPP 06-24-14

PLOT SCALE: _____
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

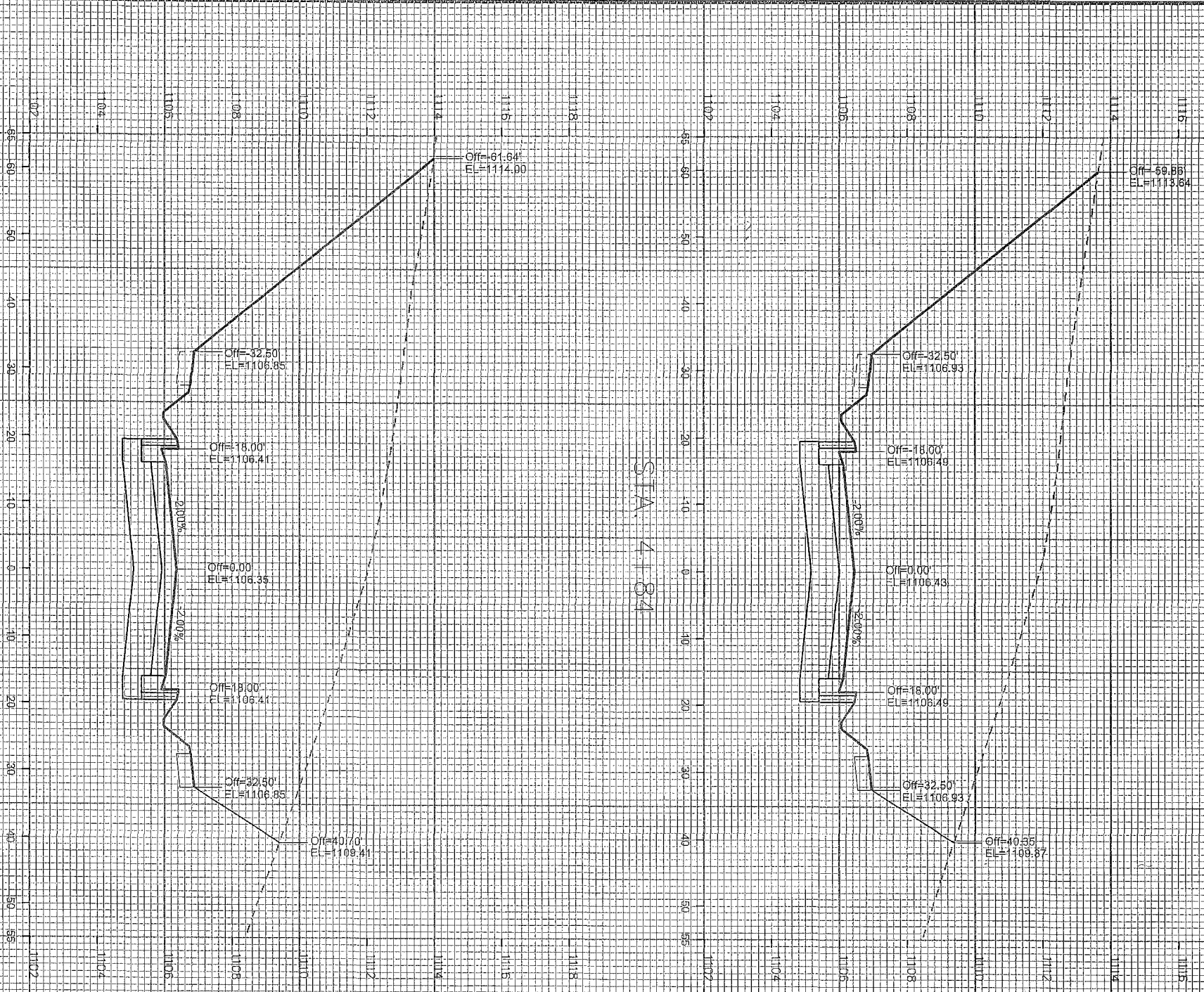


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DATE: 8/25/2014

STA 4175

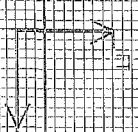
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CROSS OAK DRIVE
PROJECT NO. 53W1726
CROSS SECTIONS
CITY OF MADISON

REV. JOHN SAPP 06-24-14

SHEET NO.
X-5



CROSS SECTIONS

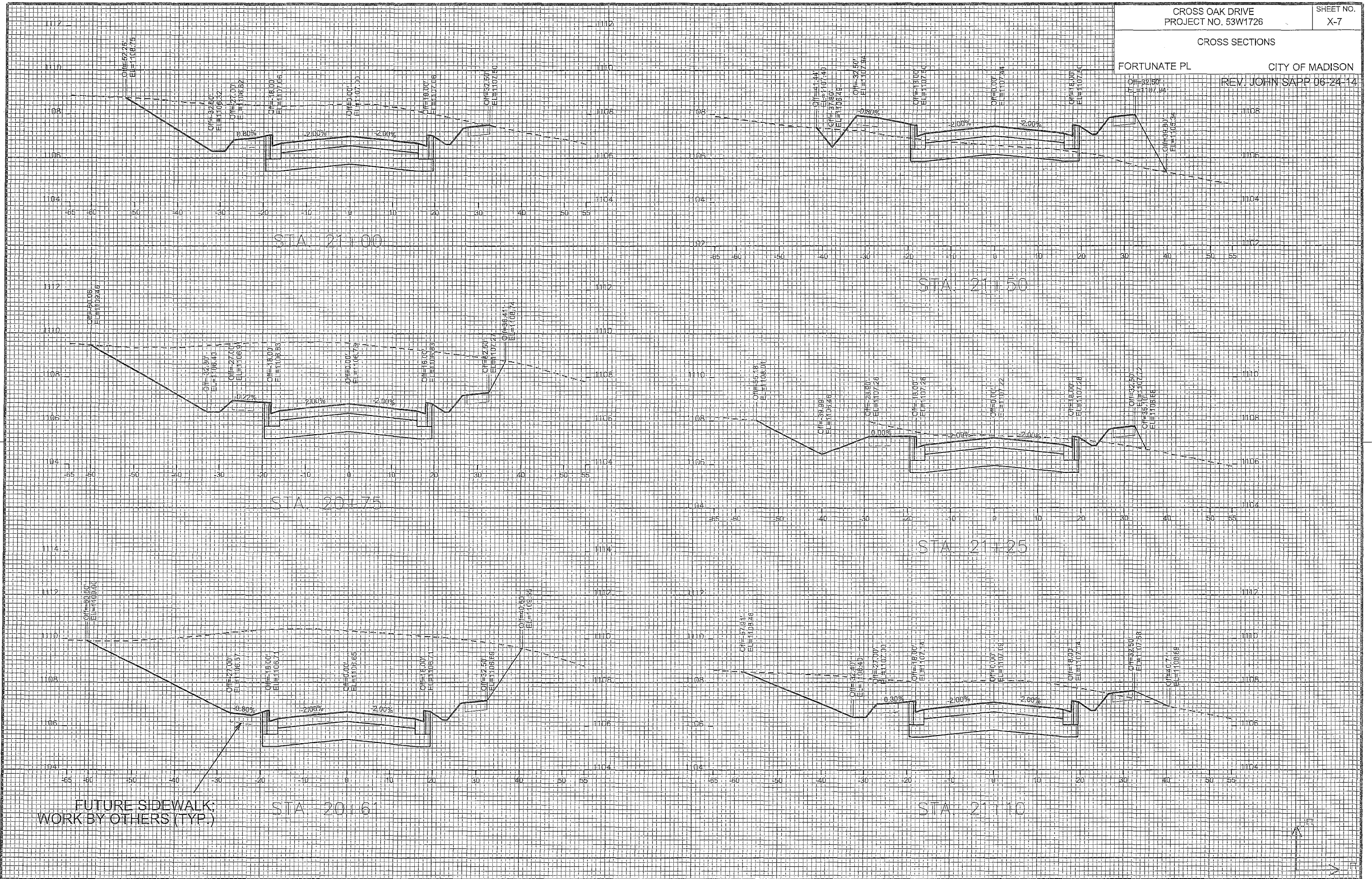
FORTUNATE PL

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

PLOT SCALE:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

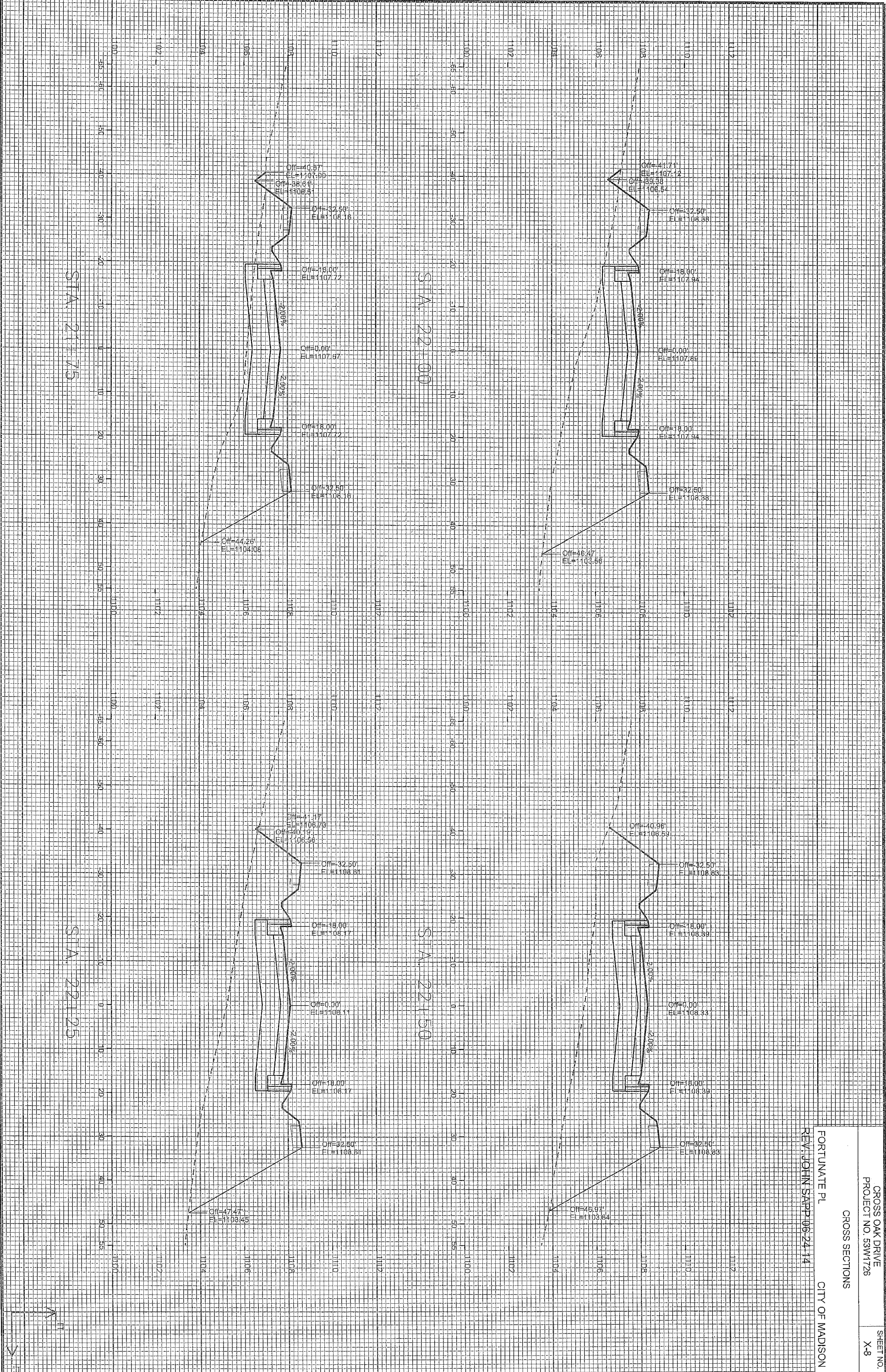


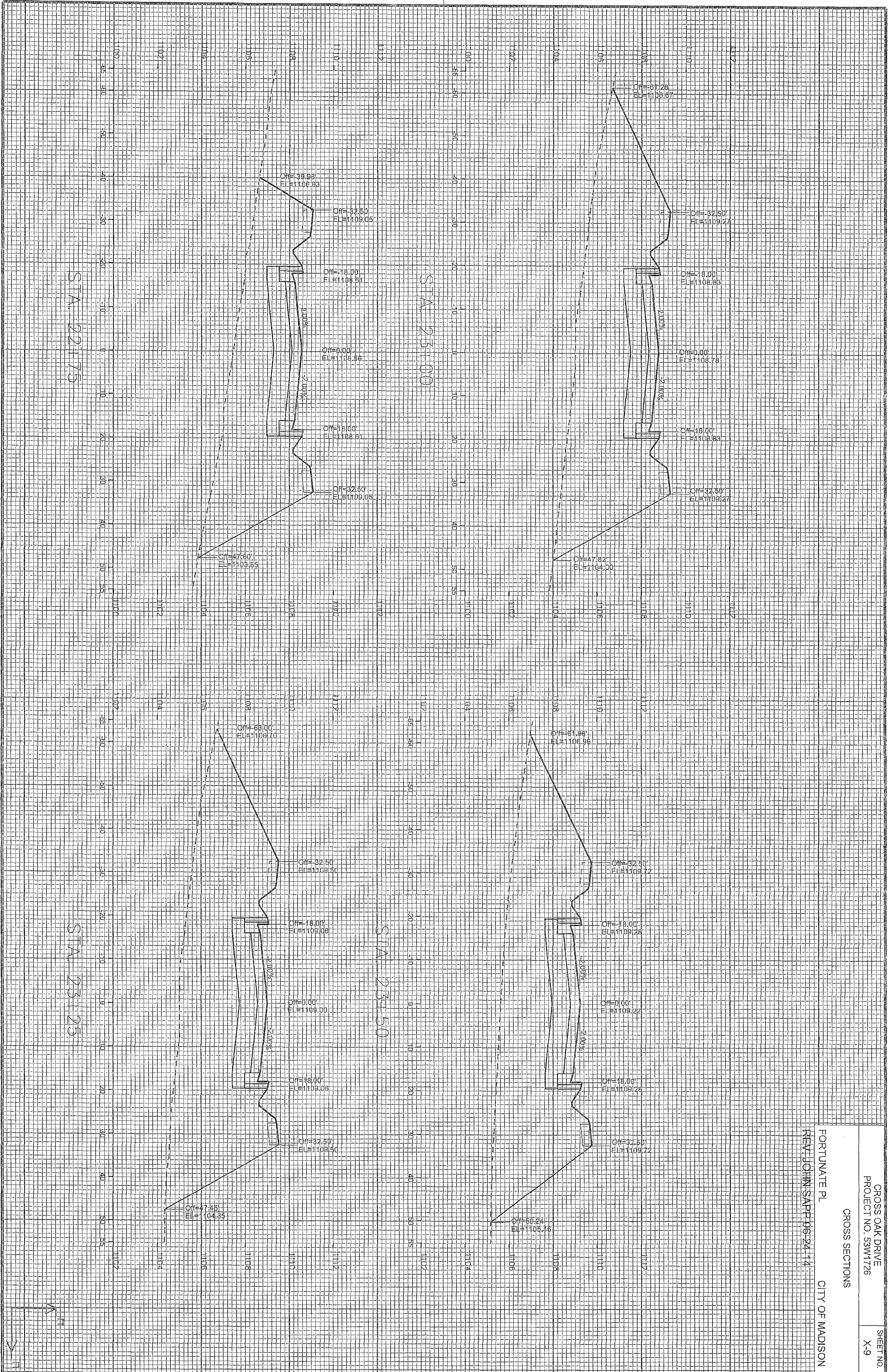
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STA. 221.00

STA. 221.50

STA. 221.25



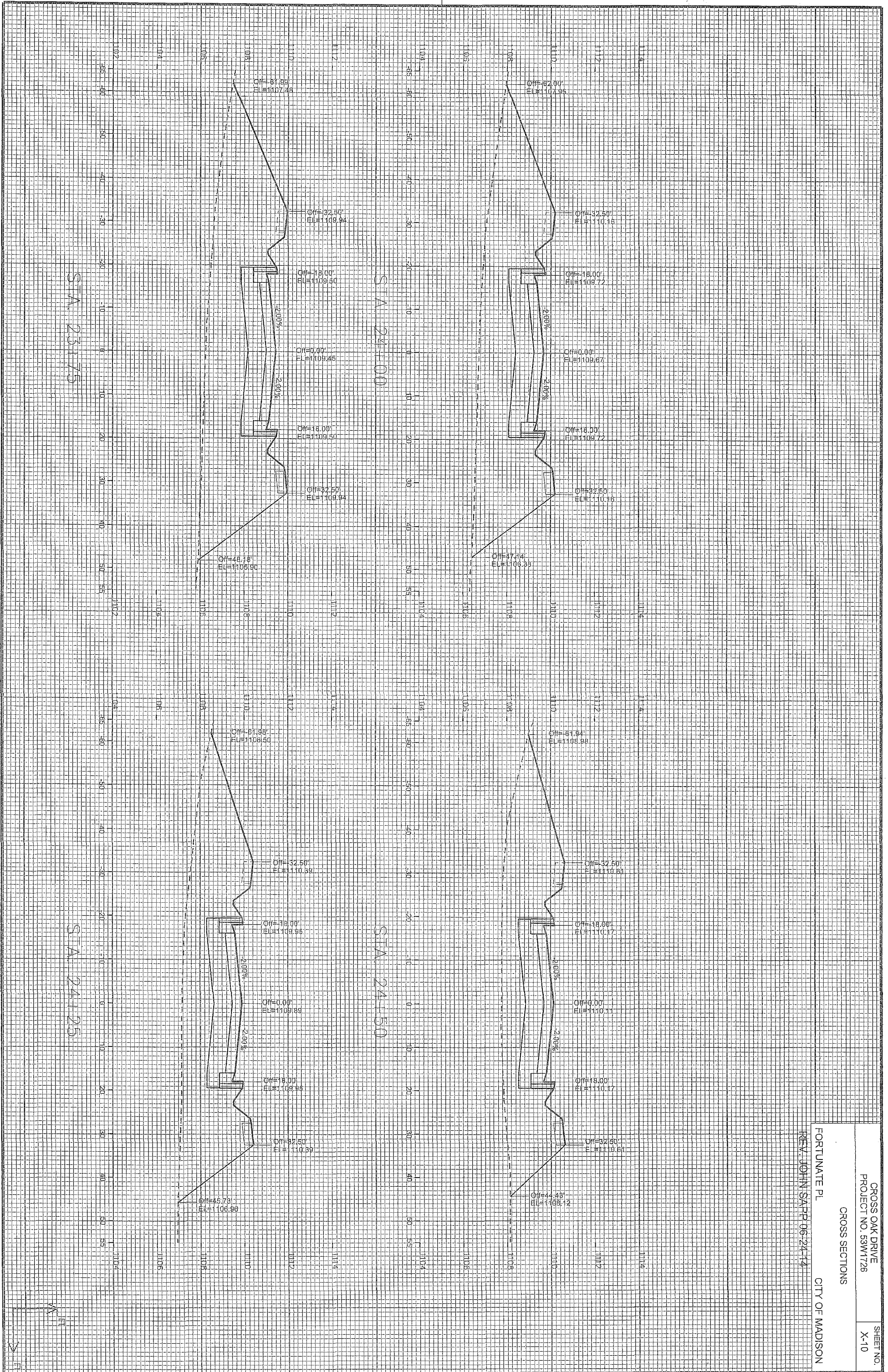


FORTUNATE PL
 REV. JOHN SAPI 06-24-14
 CITY OF MADISON

CROSS OAK DRIVE
 PROJECT NO. 53W1726
 CROSS SECTIONS
 SHEET NO. X-9

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DATE: 6/26/2014



CROSS OAK DRIVE
PROJECT NO. 53W1726

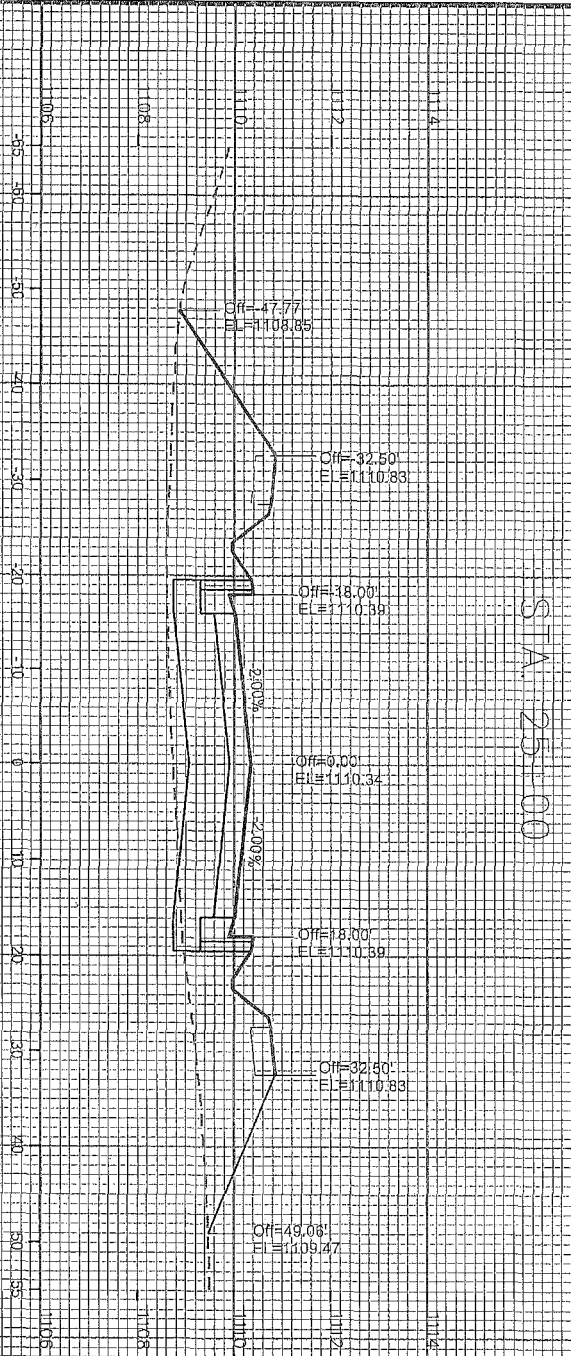
CROSS SECTIONS

FORTUNATE PL CITY OF MADISON

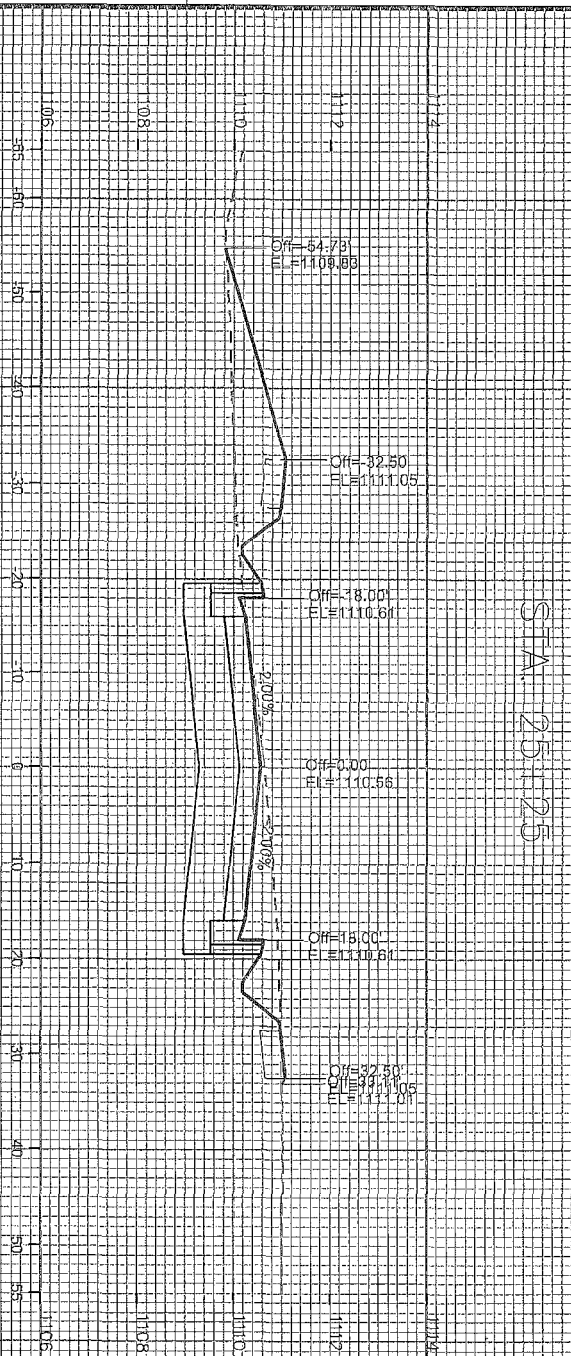
REV. JOHN SAPP 06/24/14

SHEET NO.
X-10

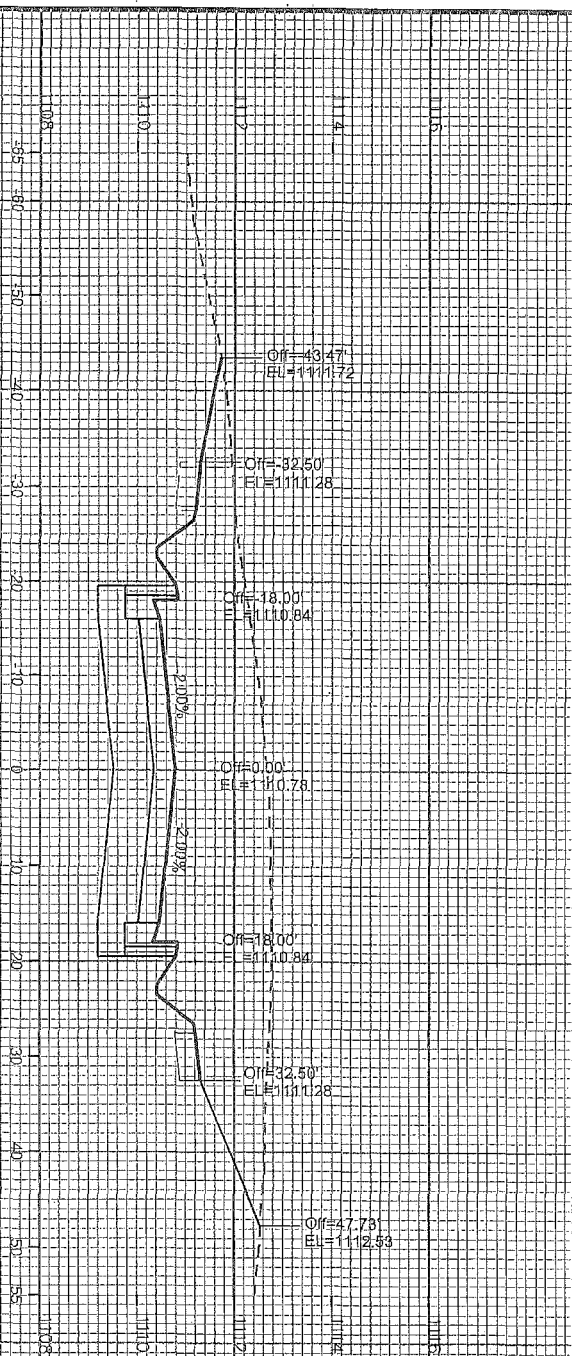
STA. 24+75



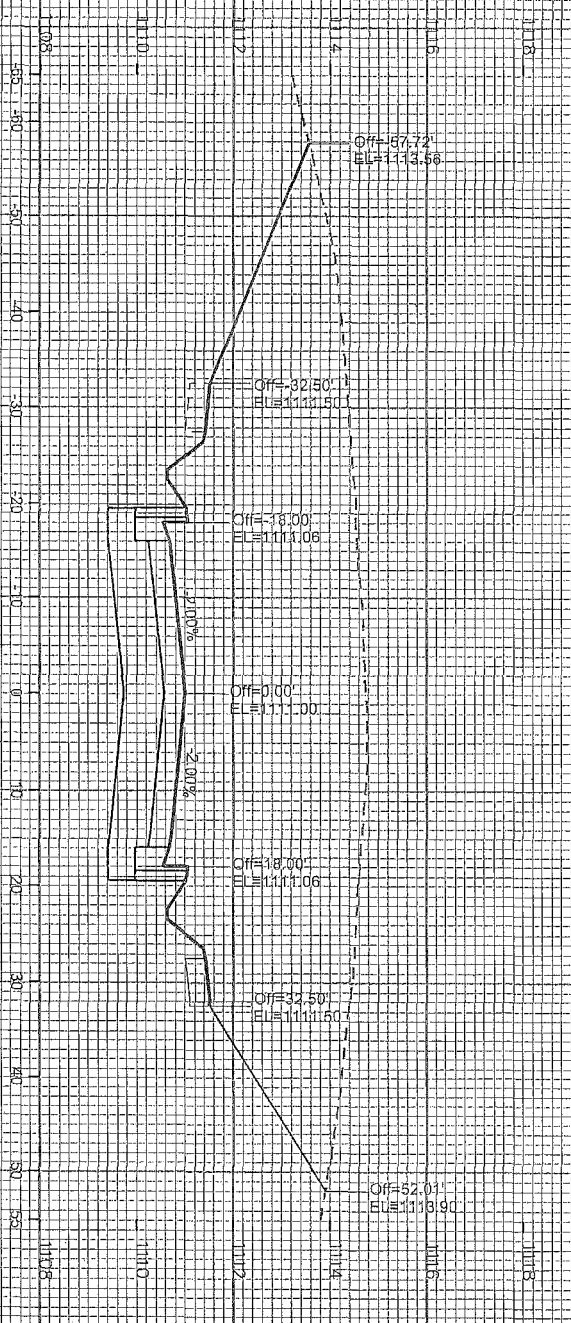
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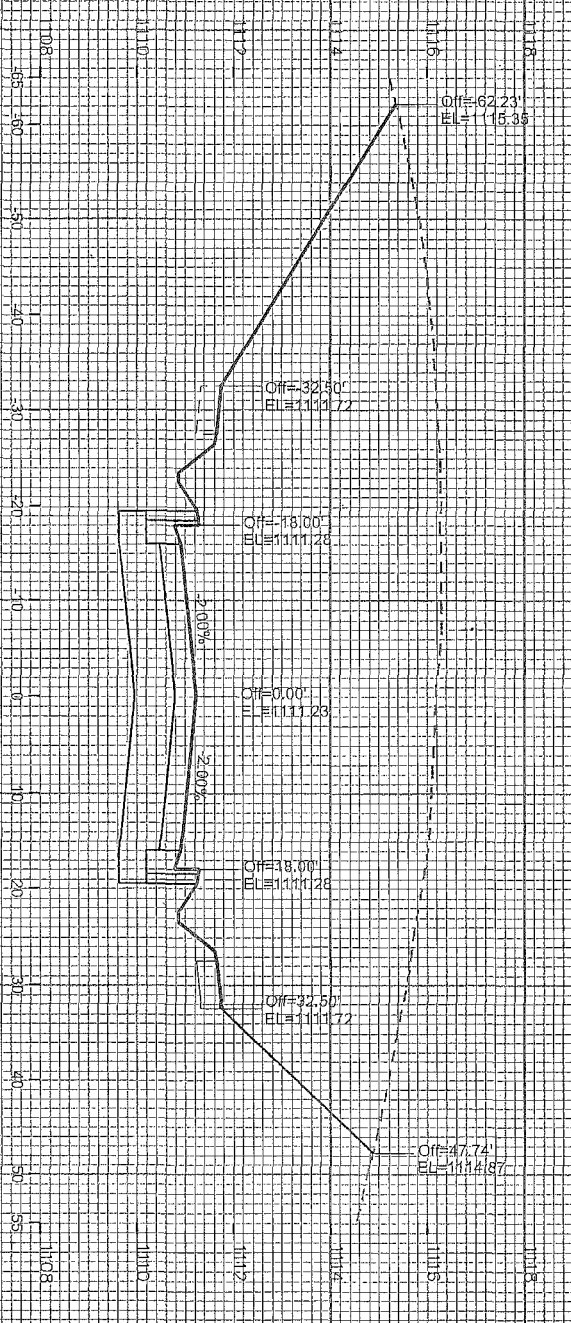
STA. 25+25



STA. 25+50



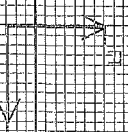
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FORTUNATE PL
REV: JOHN SAPP 06-24-14
CITY OF MADISON

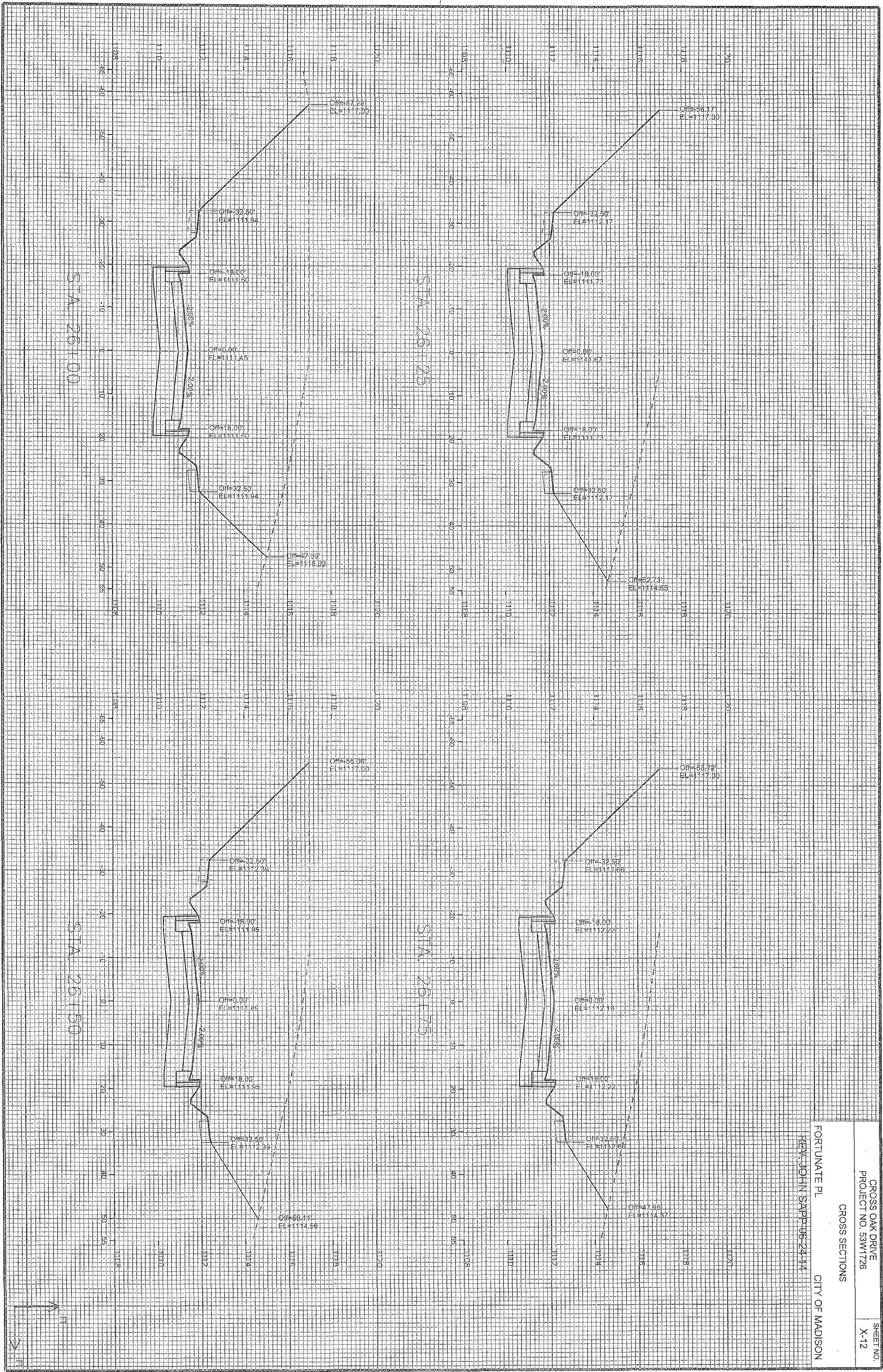
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PROJECT NO. 53W1726
CROSS SECTIONS

SHEET NO.
X-11



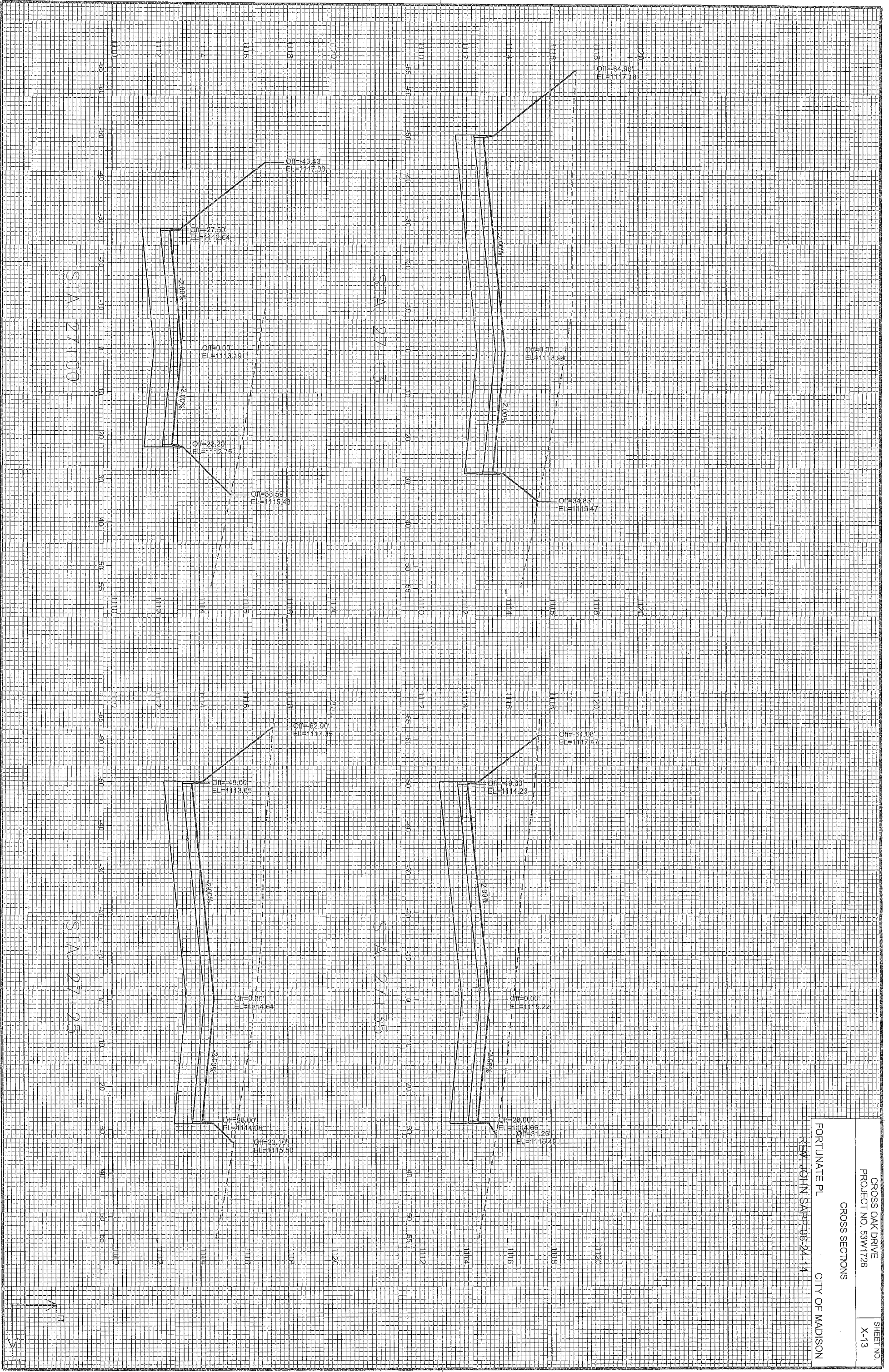
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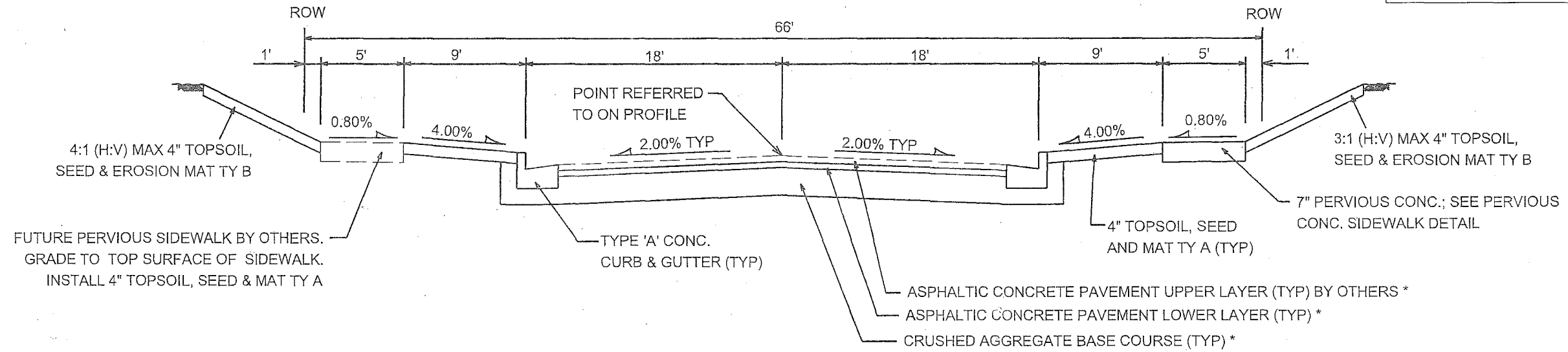
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SHEET NO. X-12

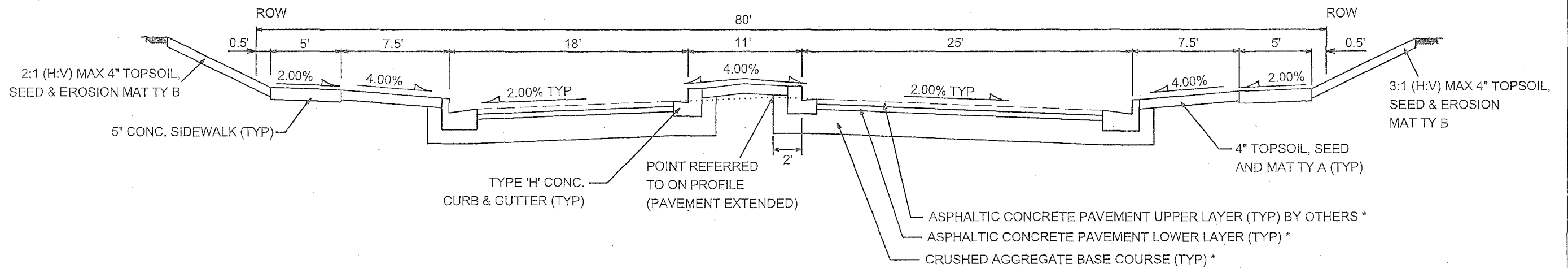
FORTUNATE PL
CITY OF MADISON
REV. JOHN SAPP 06-24-14





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		UPPER LAYER	
			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:

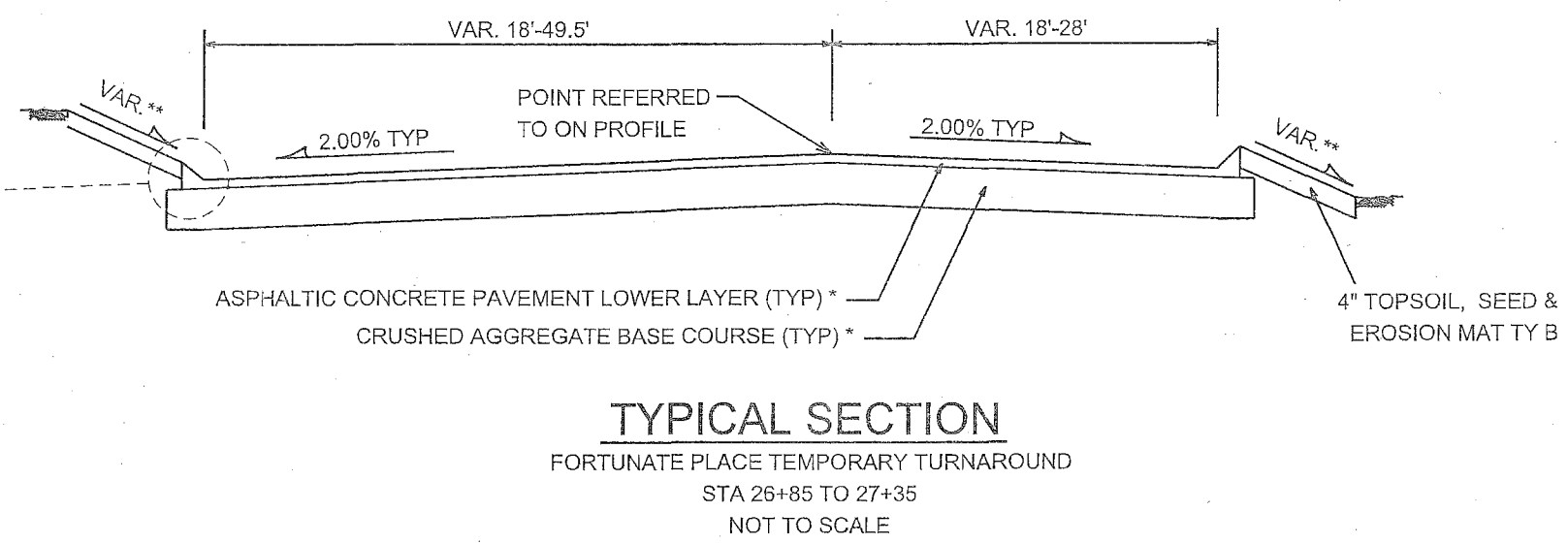
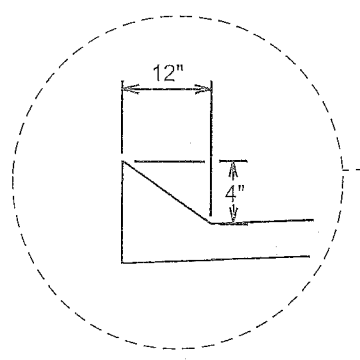
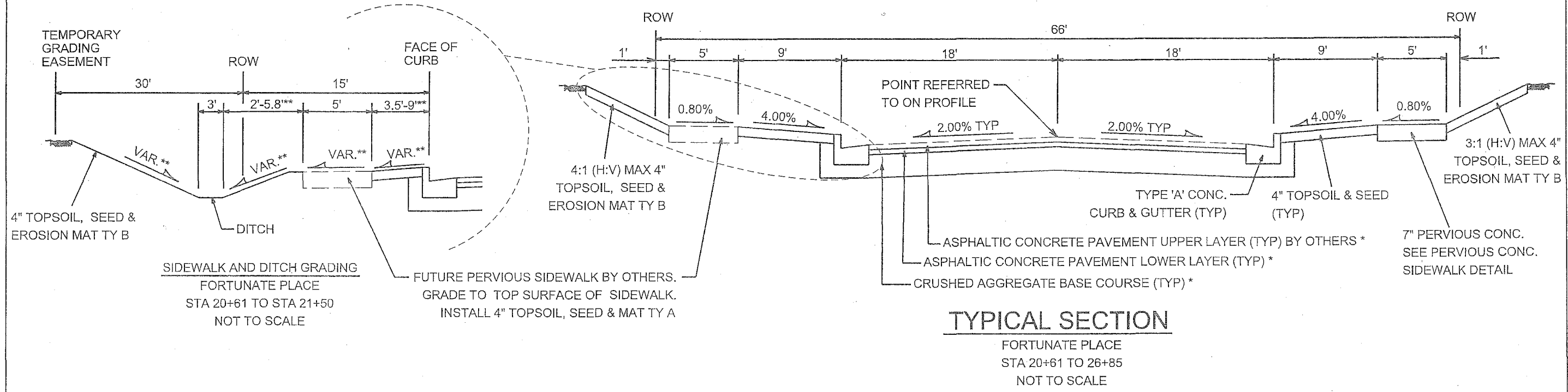
* TYPE 'B' PAVEMENT SHALL BE USED ON CROSS OAK DRIVE AND SILICON PRAIRIE PARKWAY.

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.

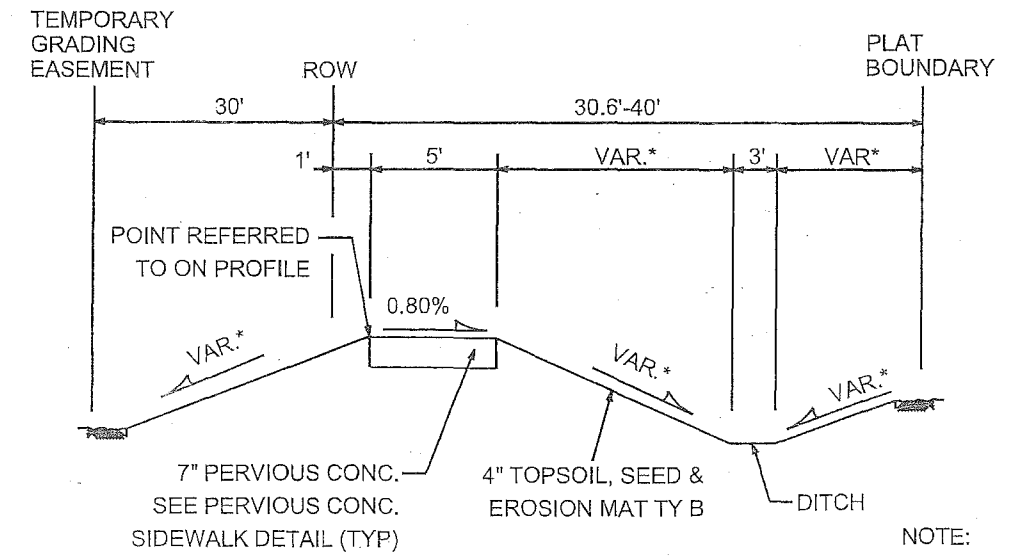
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PLOT SCALE:

PLOT NAME:

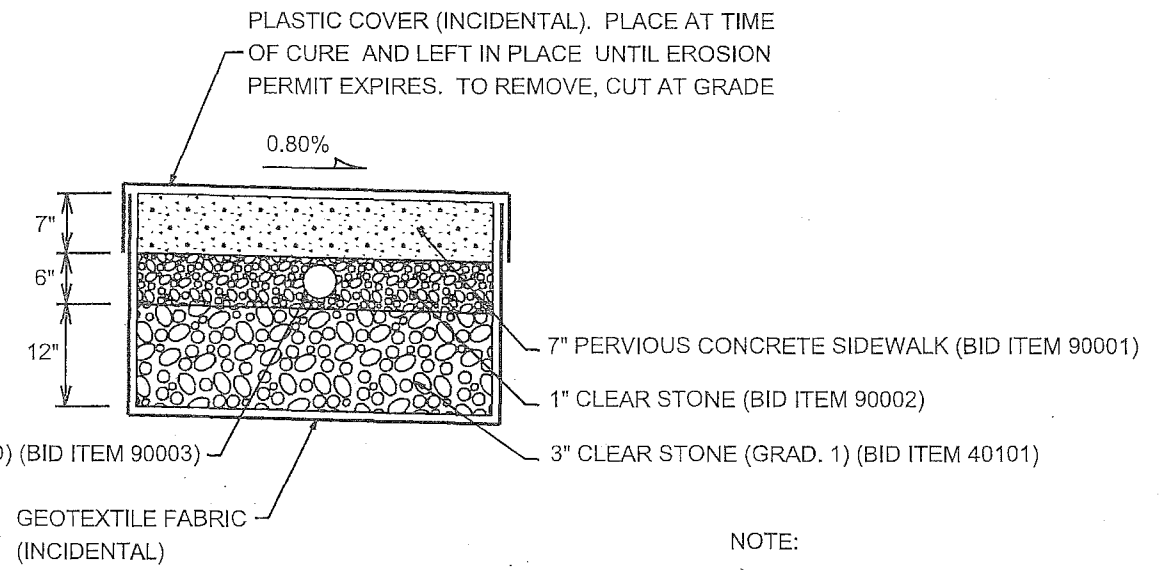
REV. DATE:

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



NOTE:
CONTRACTOR MAY USE DIFFERENT GRADATIONS FOR BASE COURSE THAT MEET THE VOID REQUIREMENTS IN THE SPECIFICATIONS FOR PERVIOUS CONCRETE SIDEWALK WITH PRIOR APPROVAL BY THE ENGINEER.

PERVIOUS CONCRETE SIDEWALK DETAIL
NOT TO SCALE

EARTHWORK SUMMARY

①	UNCLASSIFIED EXCAVATION (PLAN QUANTITY).....	11,119 CY
②	ESTIMATED UNDISTRIBUTED UNDERCUT.....	640 CY
	TOTAL EXCAVATION CUT (PAID QUANTITY).....	11,759 CY
③	TOTAL FILL (EXPANSION FACTOR 1.0).....	2,041 CY
④	ESTIMATED SELECT FILL.....	1,190 CY
③	ESTIMATED WASTE.....	9,718 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 PERVIOUS SIDEWALK BASE.
- 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.

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

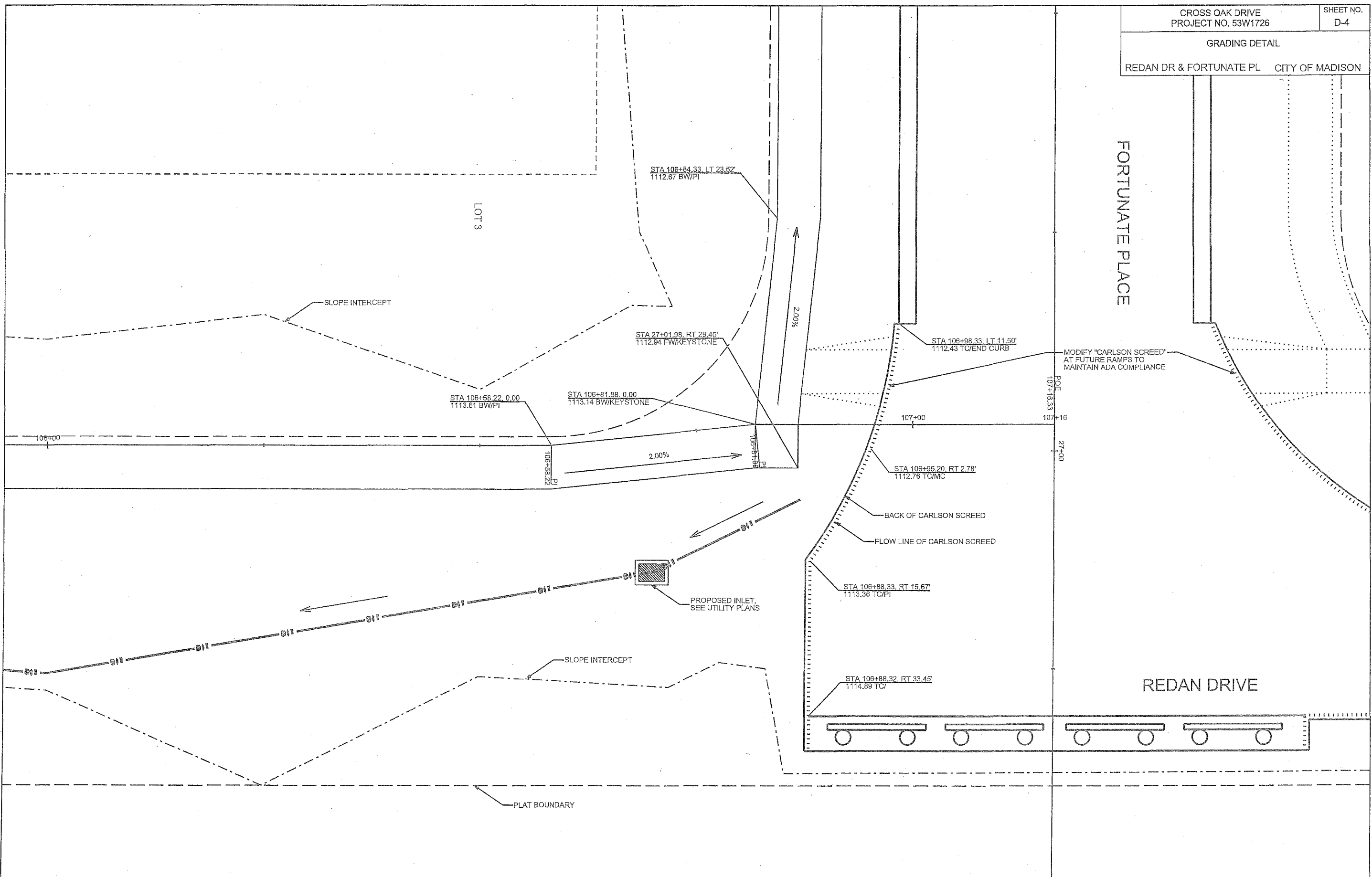
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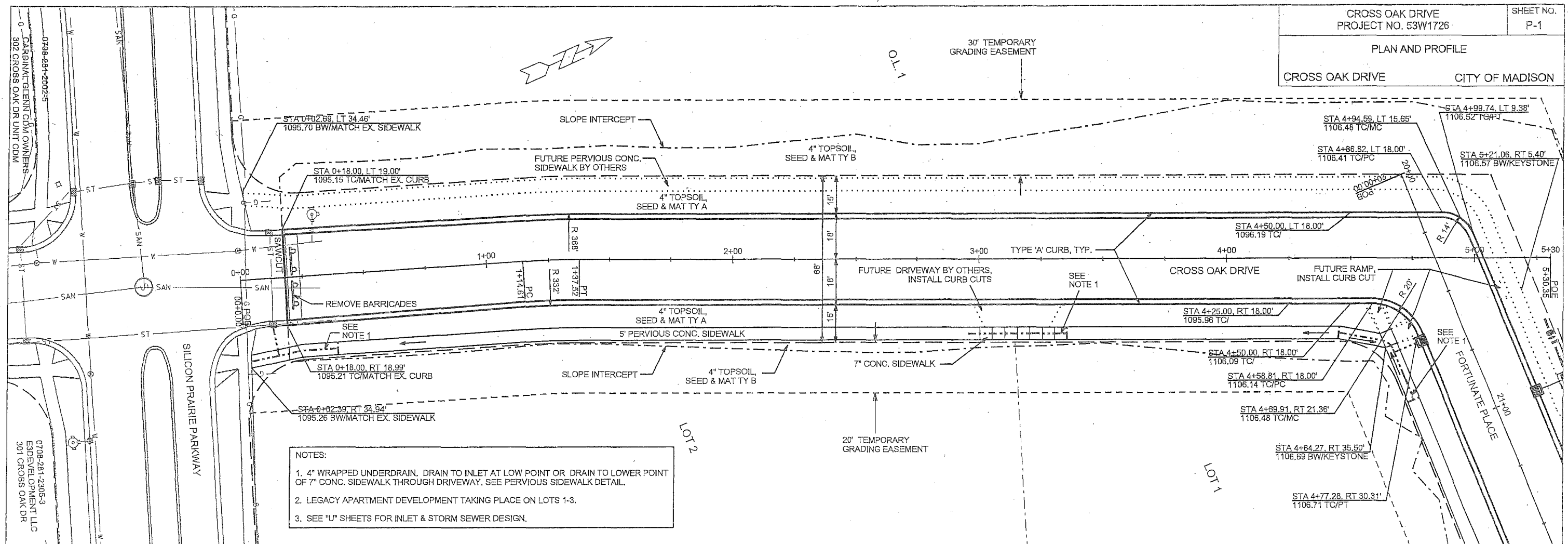
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PLOT NAME: _____

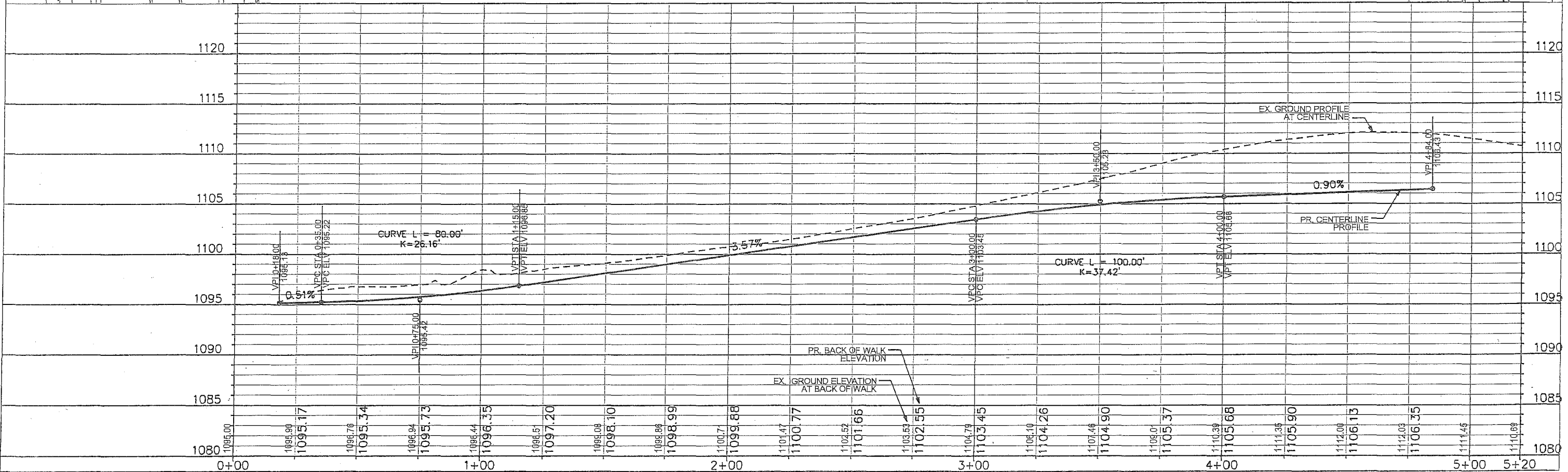
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





- NOTES:
1. 4" WRAPPED UNDERDRAIN. DRAIN TO INLET AT LOW POINT OR DRAIN TO LOWER POINT OF 7" CONC. SIDEWALK THROUGH DRIVEWAY. SEE PERVIOUS SIDEWALK DETAIL.
 2. LEGACY APARTMENT DEVELOPMENT TAKING PLACE ON LOTS 1-3.
 3. SEE "U" SHEETS FOR INLET & STORM SEWER DESIGN.



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

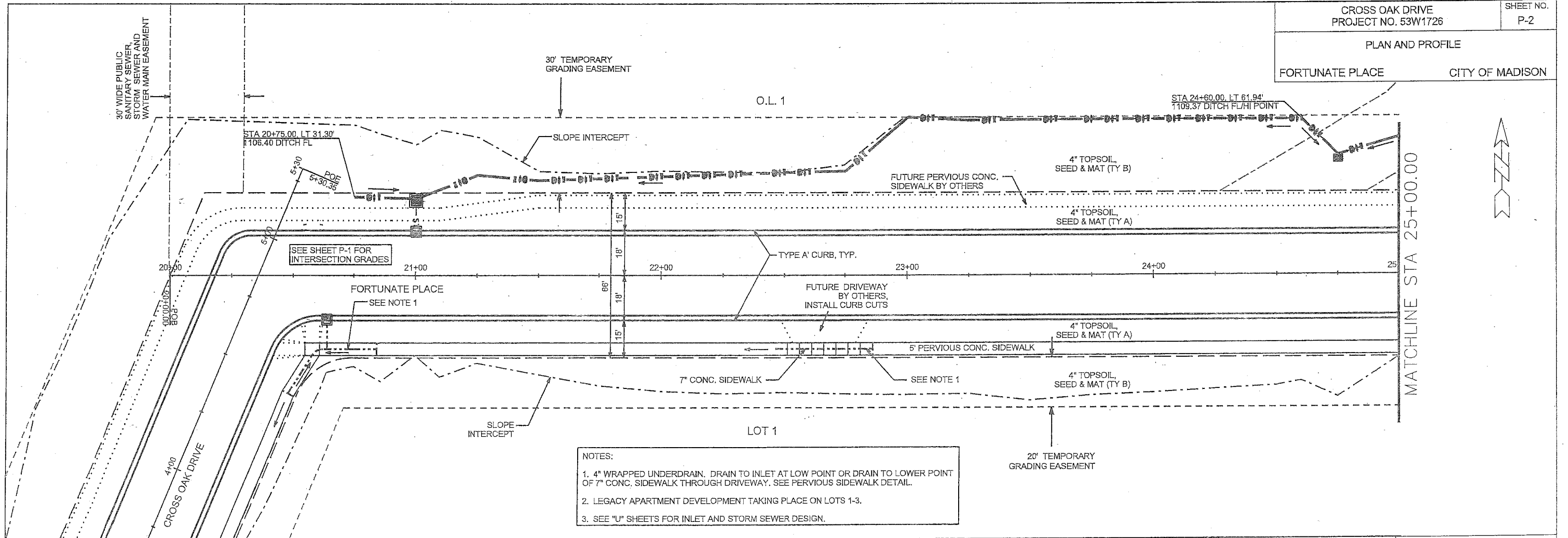
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PLOT SCALE:

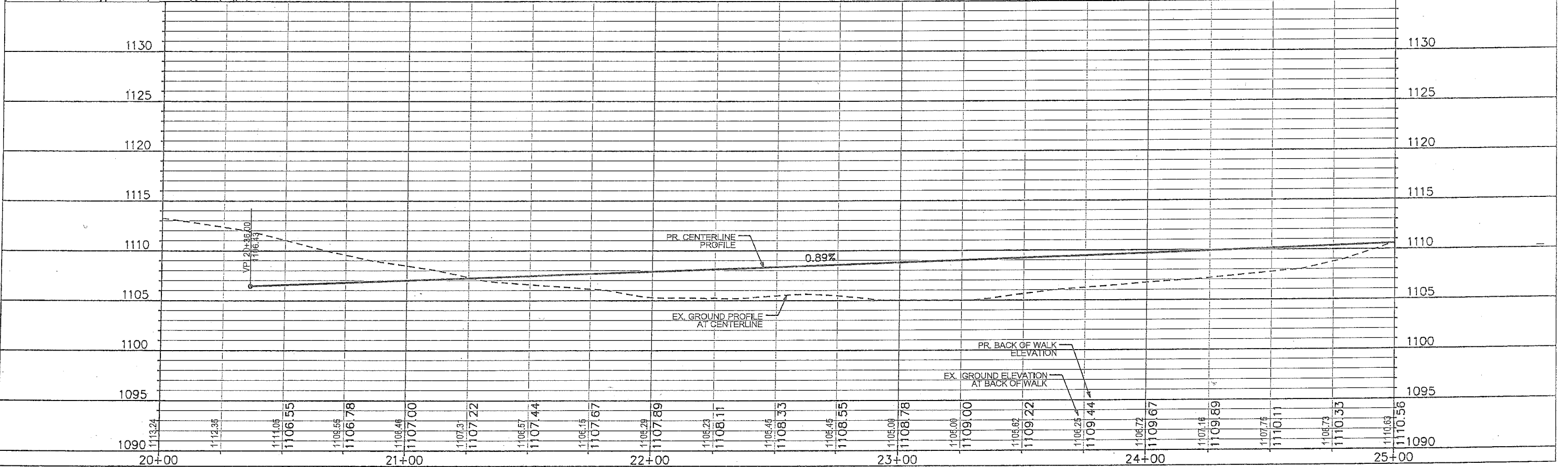
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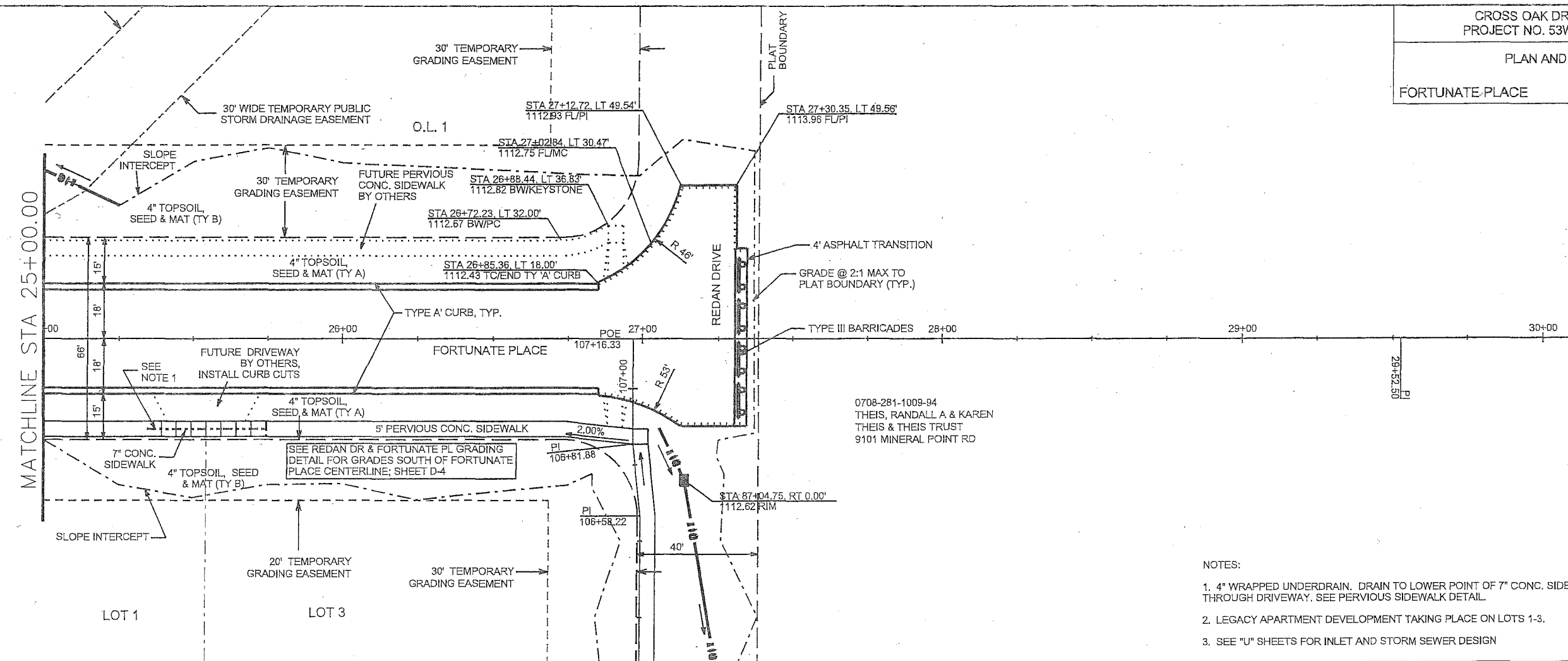
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



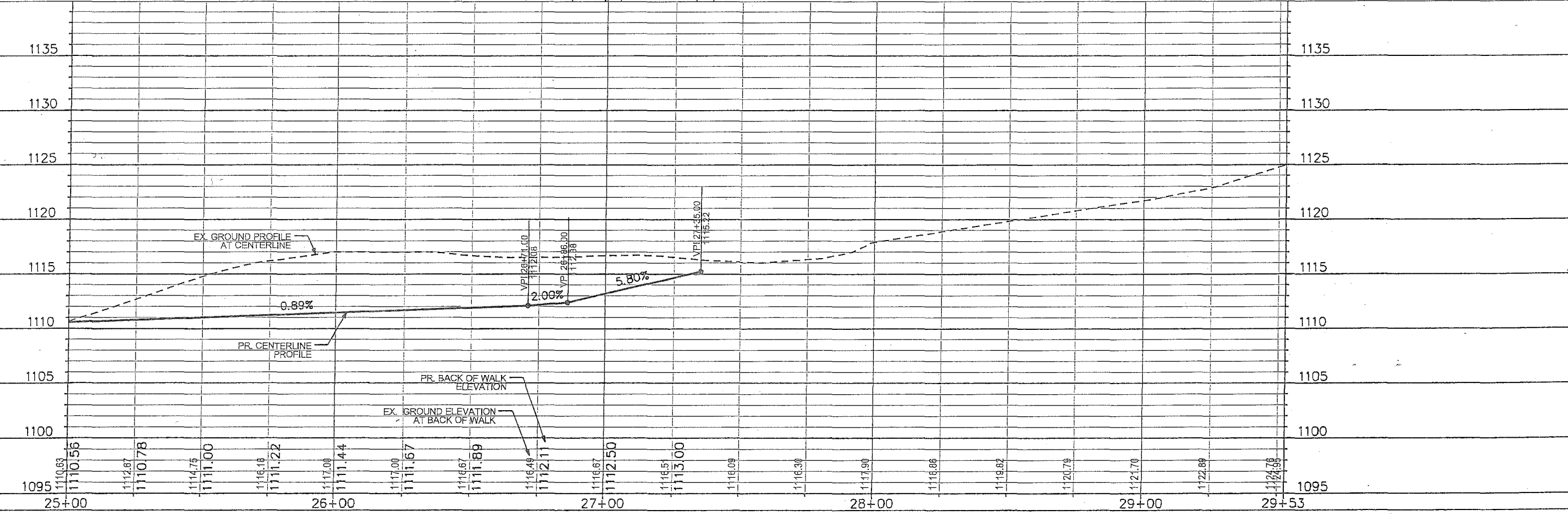
NOTES:
 1. 4" WRAPPED UNDERDRAIN. DRAIN TO INLET AT LOW POINT OR DRAIN TO LOWER POINT OF 7" CONC. SIDEWALK THROUGH DRIVEWAY. SEE PERVIOUS SIDEWALK DETAIL.
 2. LEGACY APARTMENT DEVELOPMENT TAKING PLACE ON LOTS 1-3.
 3. SEE "U" SHEETS FOR INLET AND STORM SEWER DESIGN.





0708-281-1009-94
THEIS, RANDALL A & KAREN
THEIS & THEIS TRUST
9101 MINERAL POINT RD

- NOTES:
1. 4" WRAPPED UNDERDRAIN. DRAIN TO LOWER POINT OF 7" CONC. SIDEWALK THROUGH DRIVEWAY. SEE PERVIOUS SIDEWALK DETAIL.
 2. LEGACY APARTMENT DEVELOPMENT TAKING PLACE ON LOTS 1-3.
 3. SEE "U" SHEETS FOR INLET AND STORM SEWER DESIGN



PLOT SCALE: _____

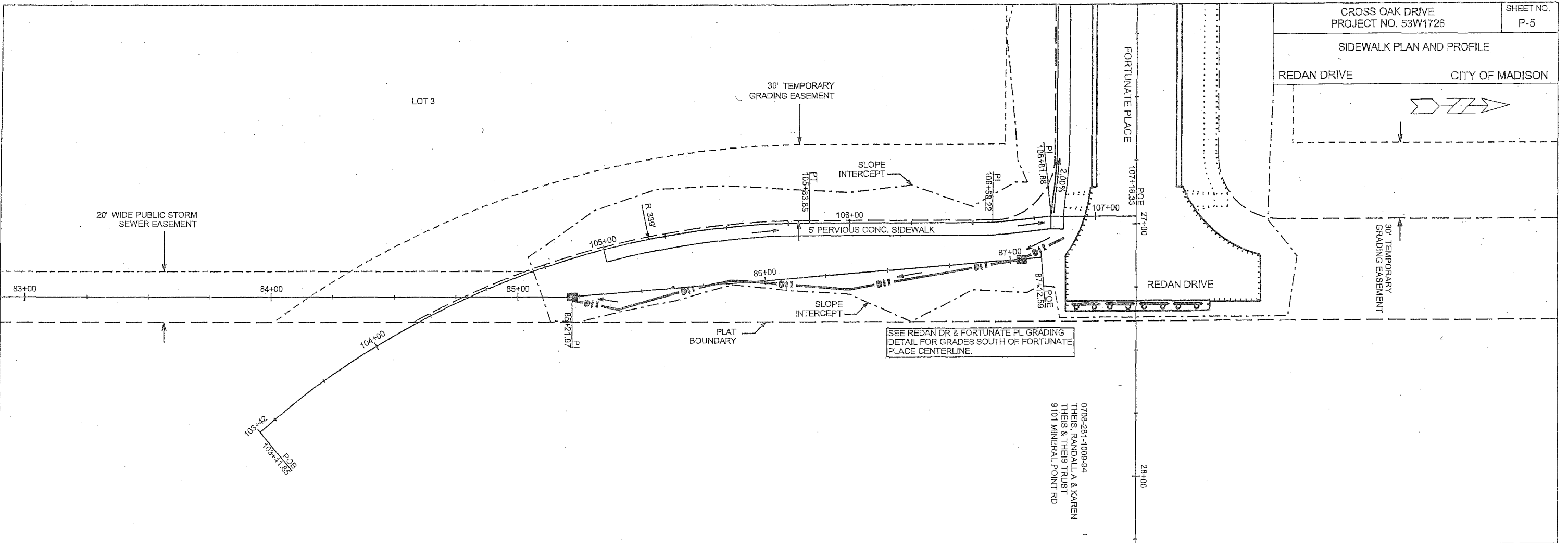
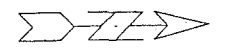
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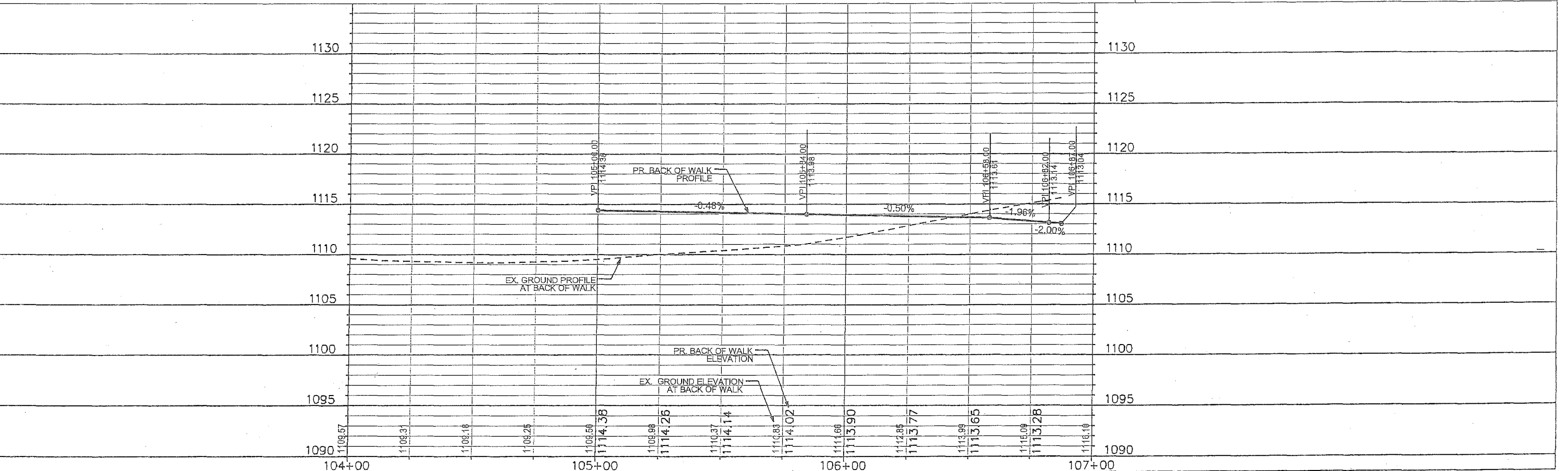
SIDEWALK PLAN AND PROFILE

REDAN DRIVE CITY OF MADISON



SEE REDAN DR & FORTUNATE PL GRADING
DETAIL FOR GRADES SOUTH OF FORTUNATE
PLACE CENTERLINE.

0708-2871-1008-94
THEIS, RANDALL A & KAREN
THEIS & THEIS TRUST
9101 MINERAL POINT RD



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

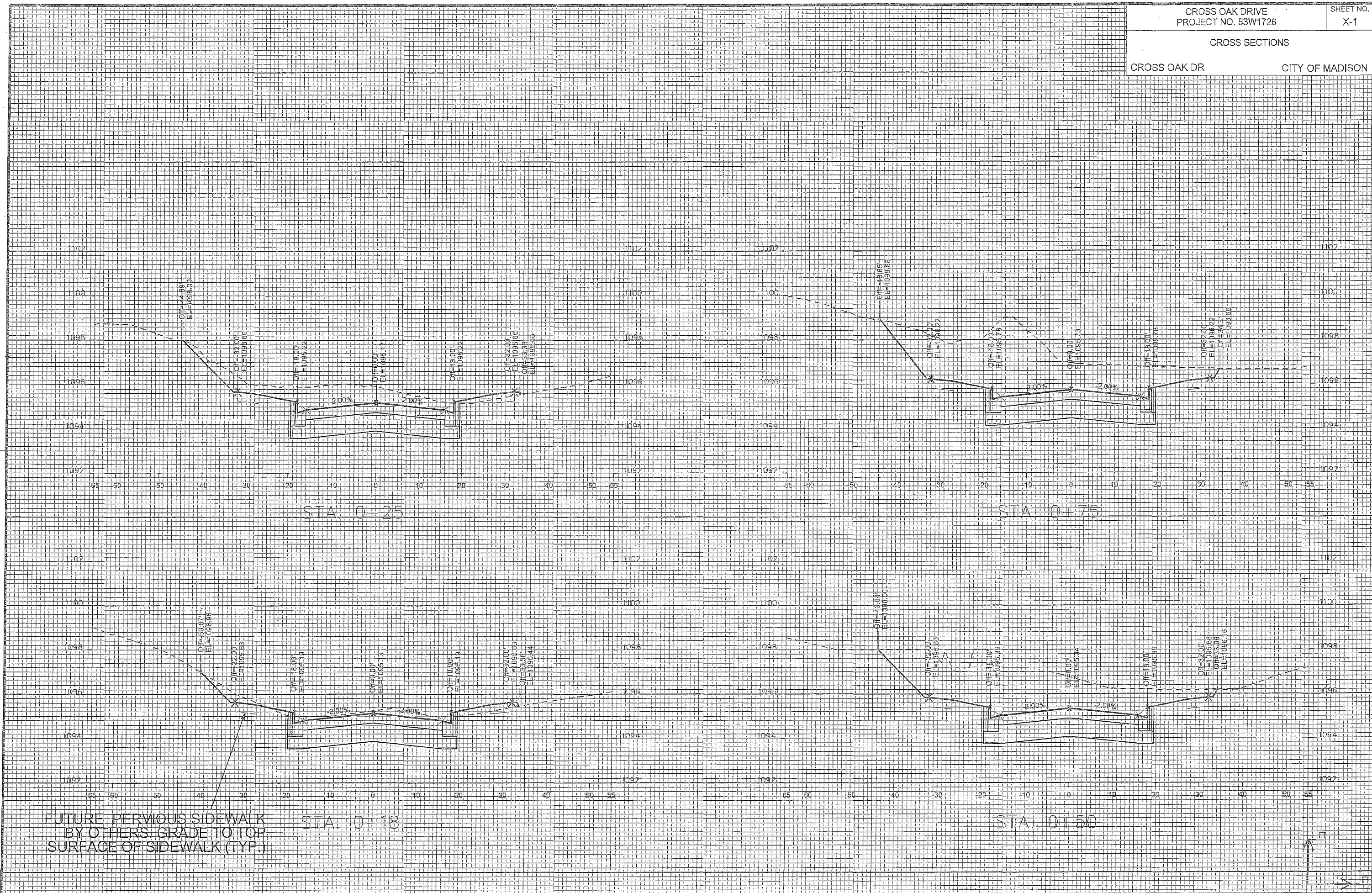
CROSS SECTIONS
CROSS OAK DR CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



ORIGINAL

CROSS SECTIONS

CROSS OAK DR

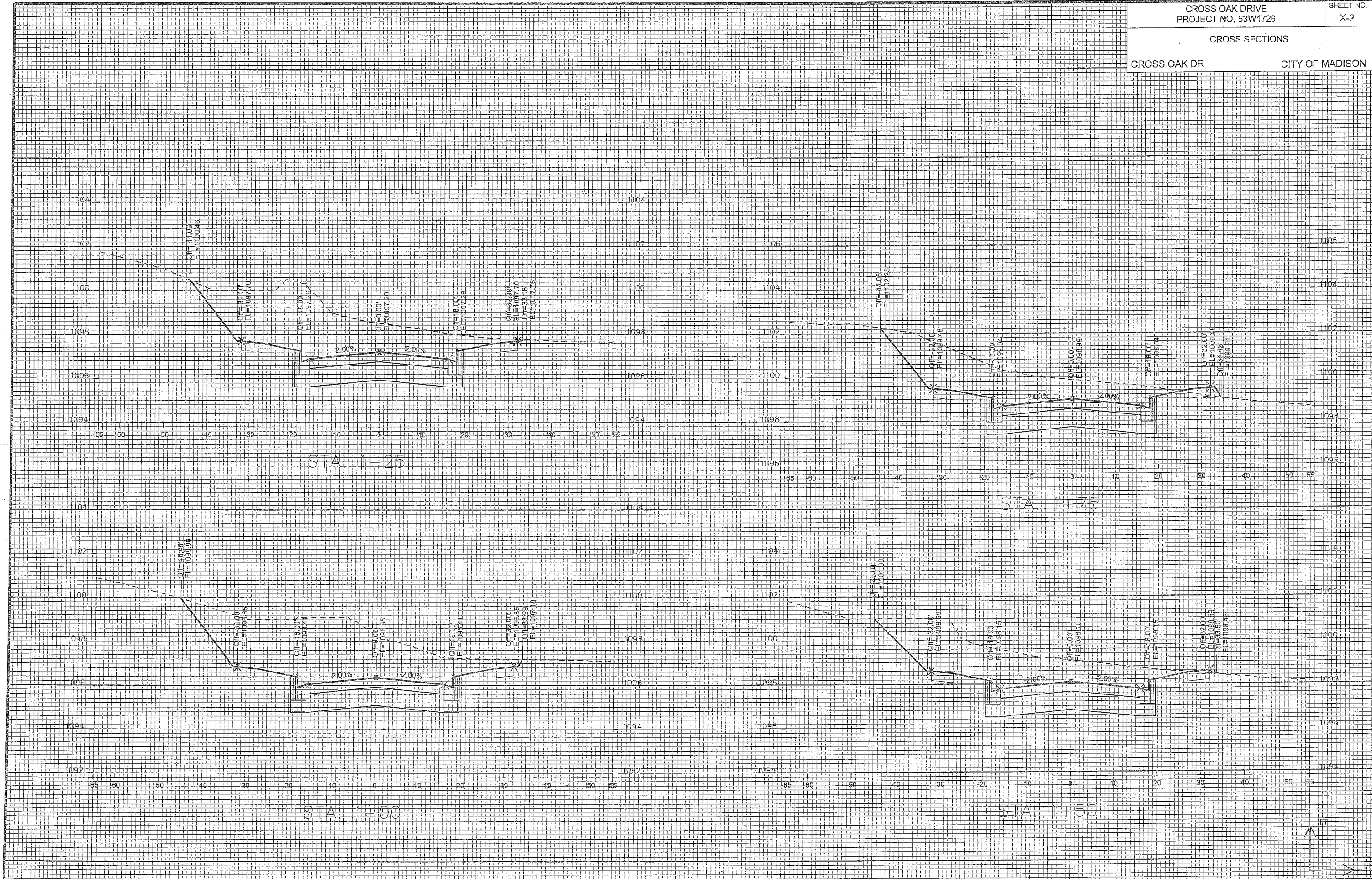
CITY OF MADISON

PLOT SCALE:

PLOT NAME:

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

CROSS OAK DR

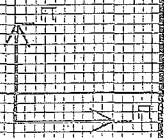
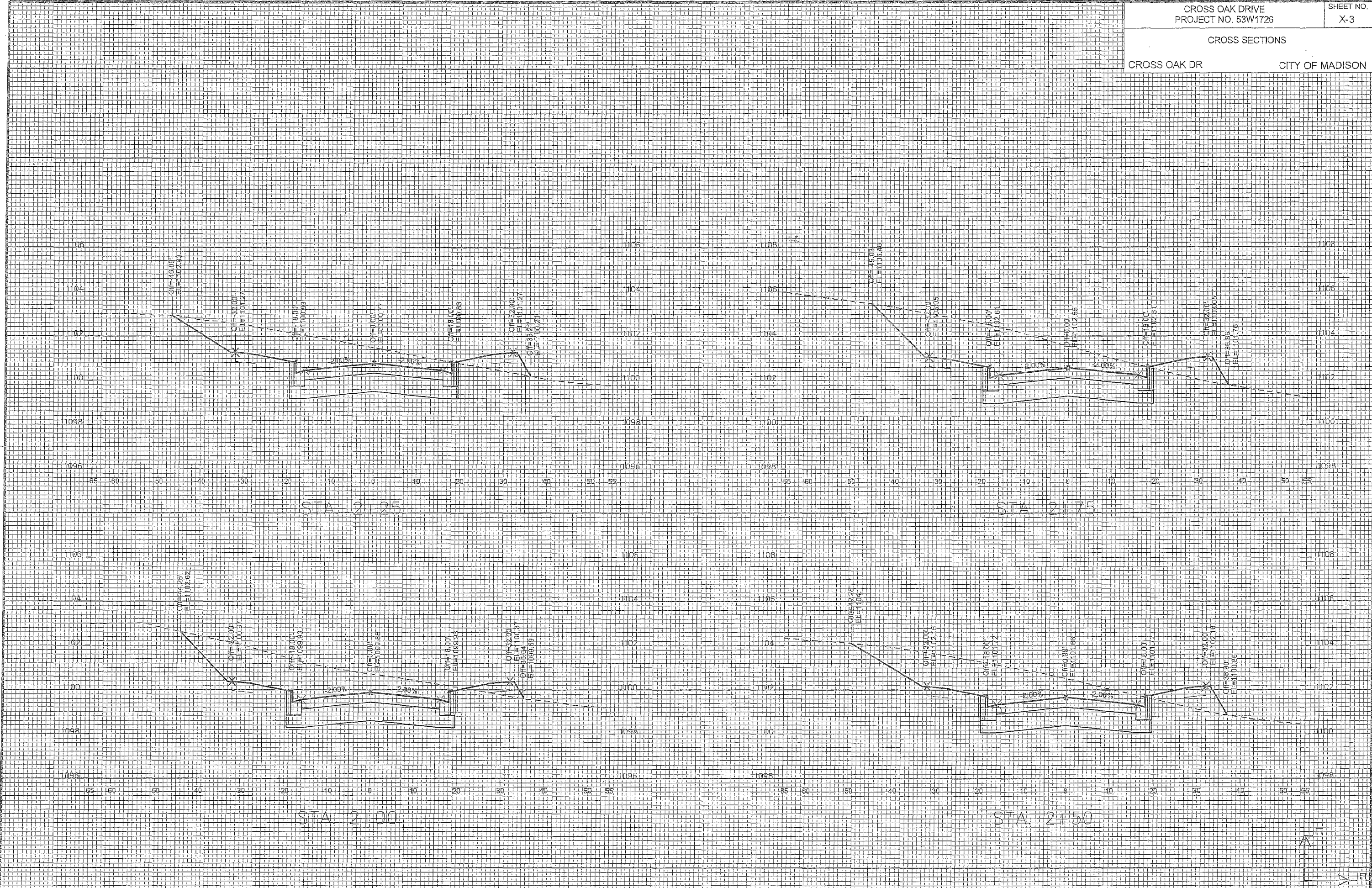
CITY OF MADISON

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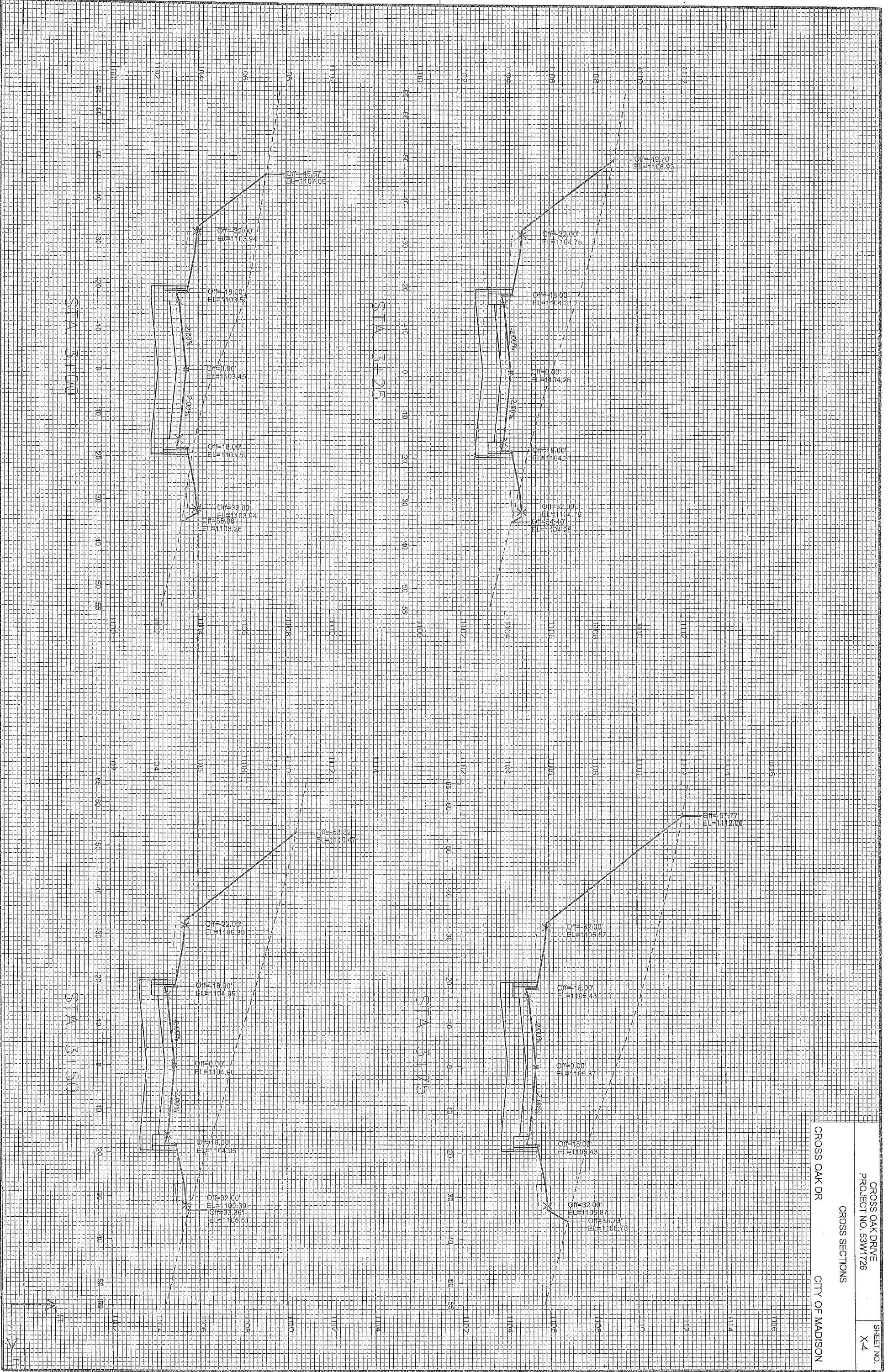
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DATE: 8/13/2014



CROSS OAK DR
 CROSS SECTIONS
 CITY OF MADISON

CROSS OAK DRIVE
 PROJECT NO. 53W1726

SHEET NO.
 X-4

CROSS SECTIONS

CROSS OAK DR

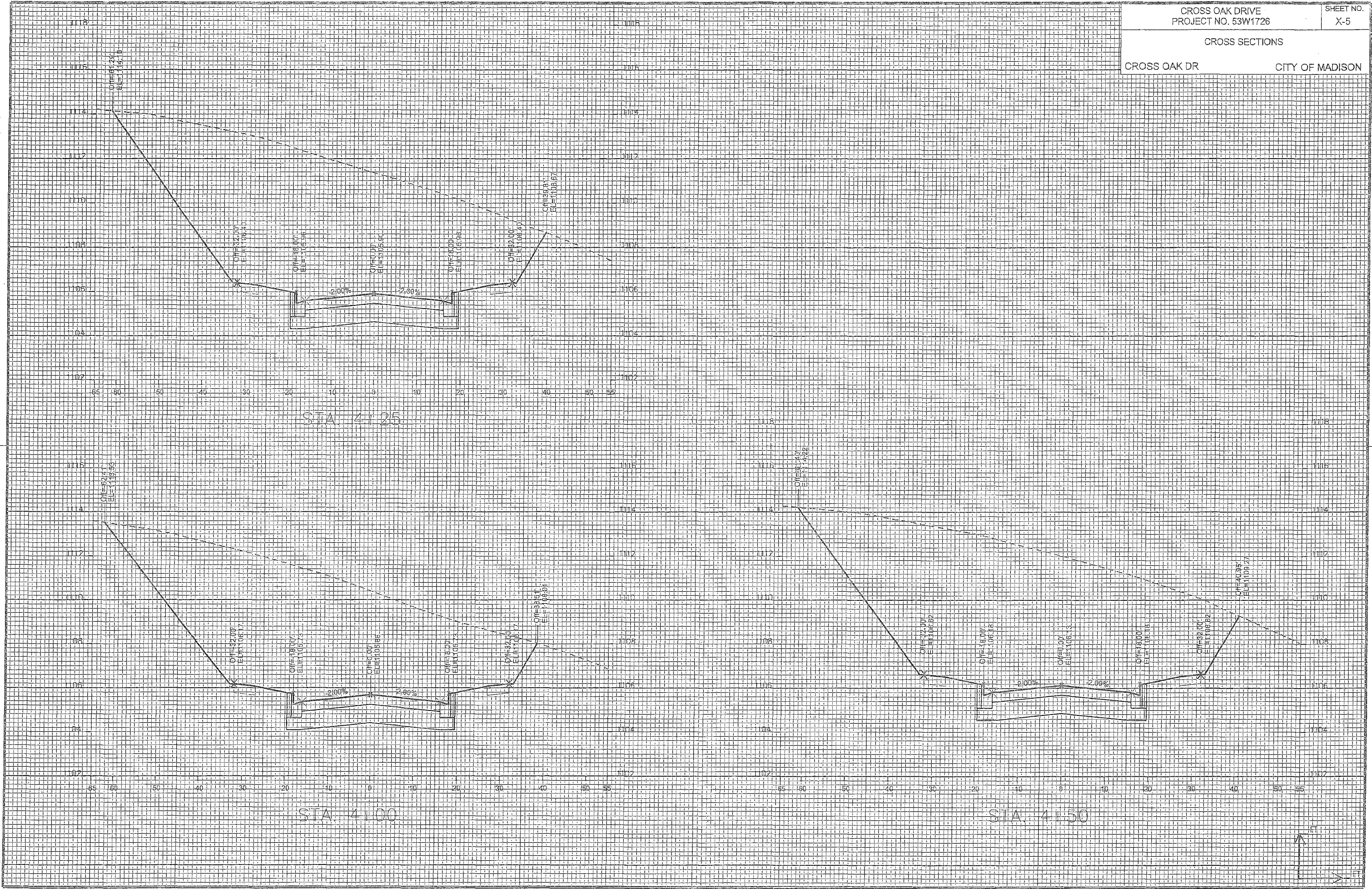
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



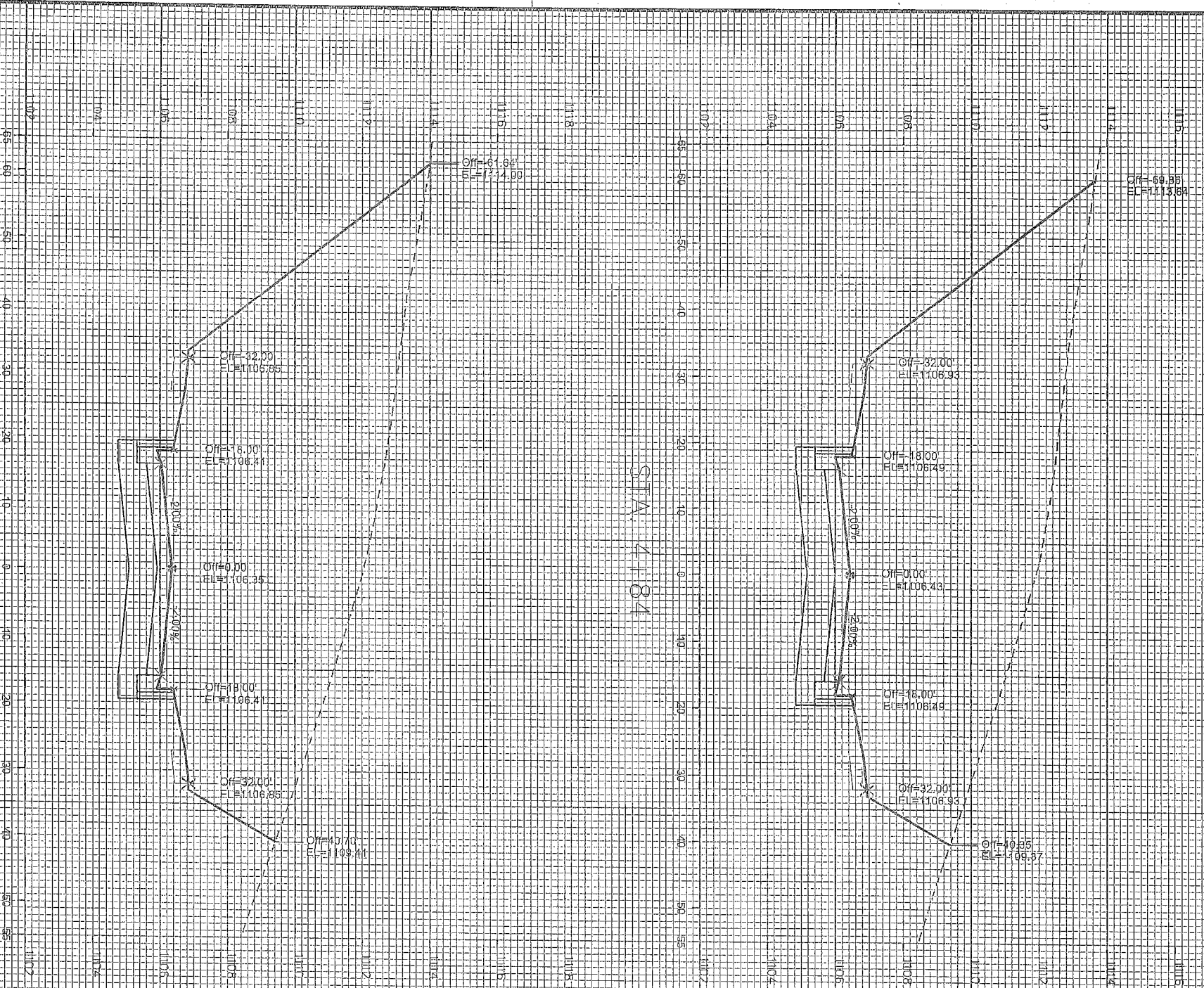
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DATE: 6/13/2014

STA. 4175

STA. 4184



CROSS OAK DRIVE
PROJECT NO. 53W1726

CROSS SECTIONS

CROSS OAK DR CITY OF MADISON

SHEET NO.
X-6



FILE NAME: M:\DESIGN\Projects\53W1726\Streets\Design\53W1726EA-N-S\Section\QOak.dwg

DATE: 6/13/2014

FUTURE PERVIOUS SIDEWALK
BY OTHERS (GRADE TO TOP
SURFACE OF SIDEWALK (TYP))

STA 20+61

STA 21+10

STA 20+75

STA 21+25

STA 21+00

STA 21+50

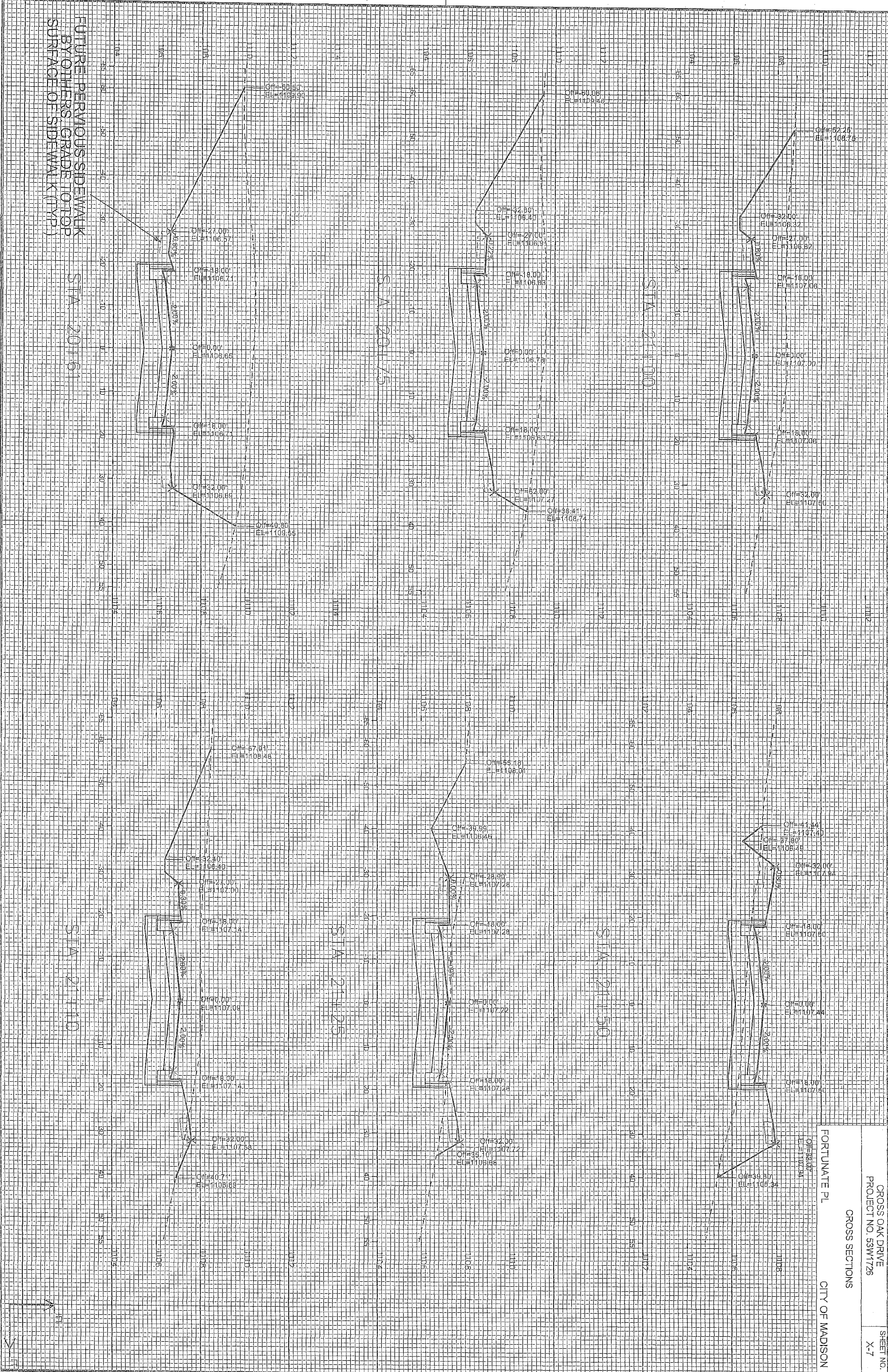
FORTUNATE PL

CROSS SECTIONS

CITY OF MADISON

CROSS OAK DRIVE
PROJECT NO. 53W1726

SHEET NO.
X-7

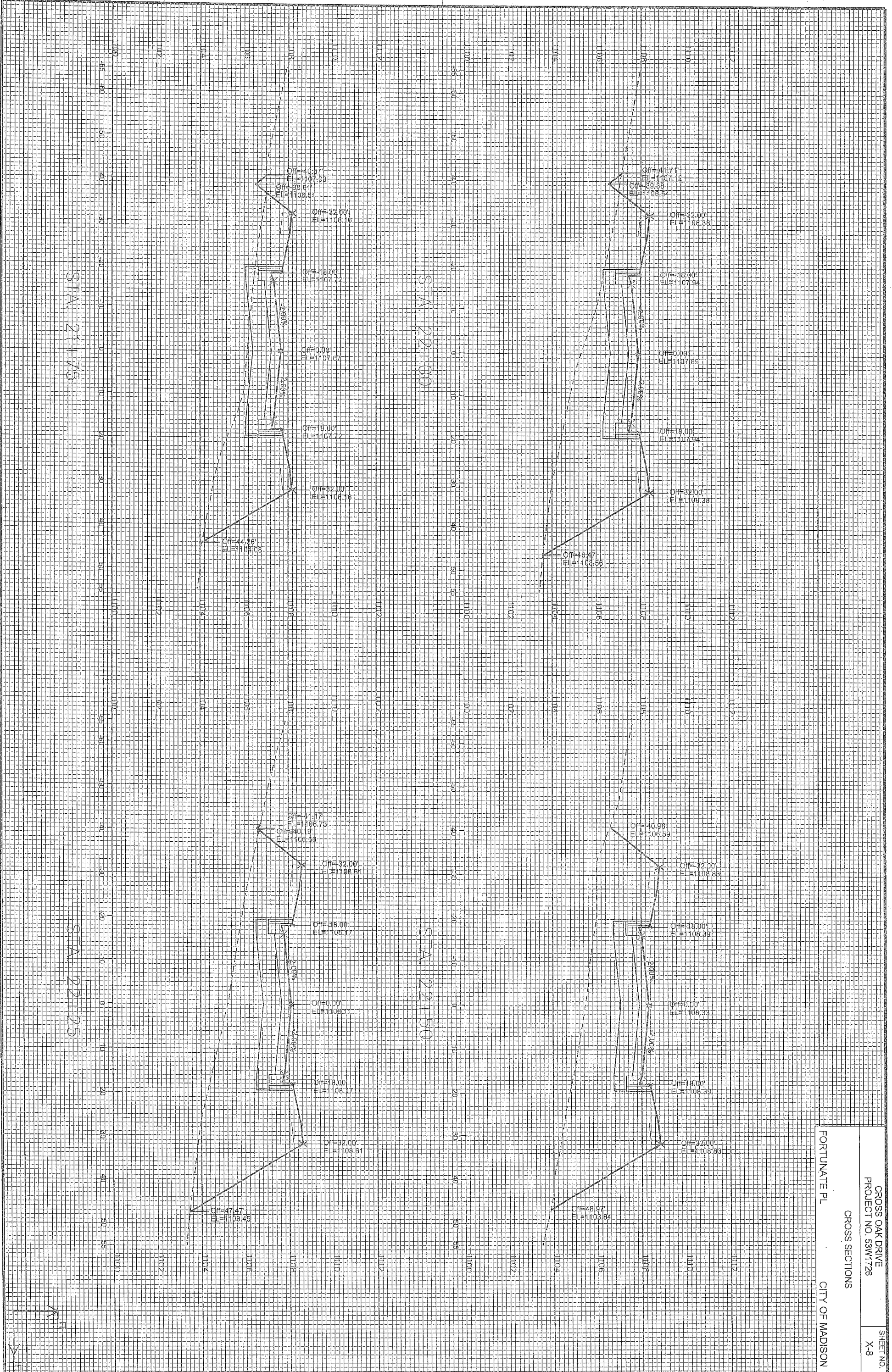


STA. 21+75

STA. 22+00

STA. 22+25

STA. 22+50



CROSS SECTIONS

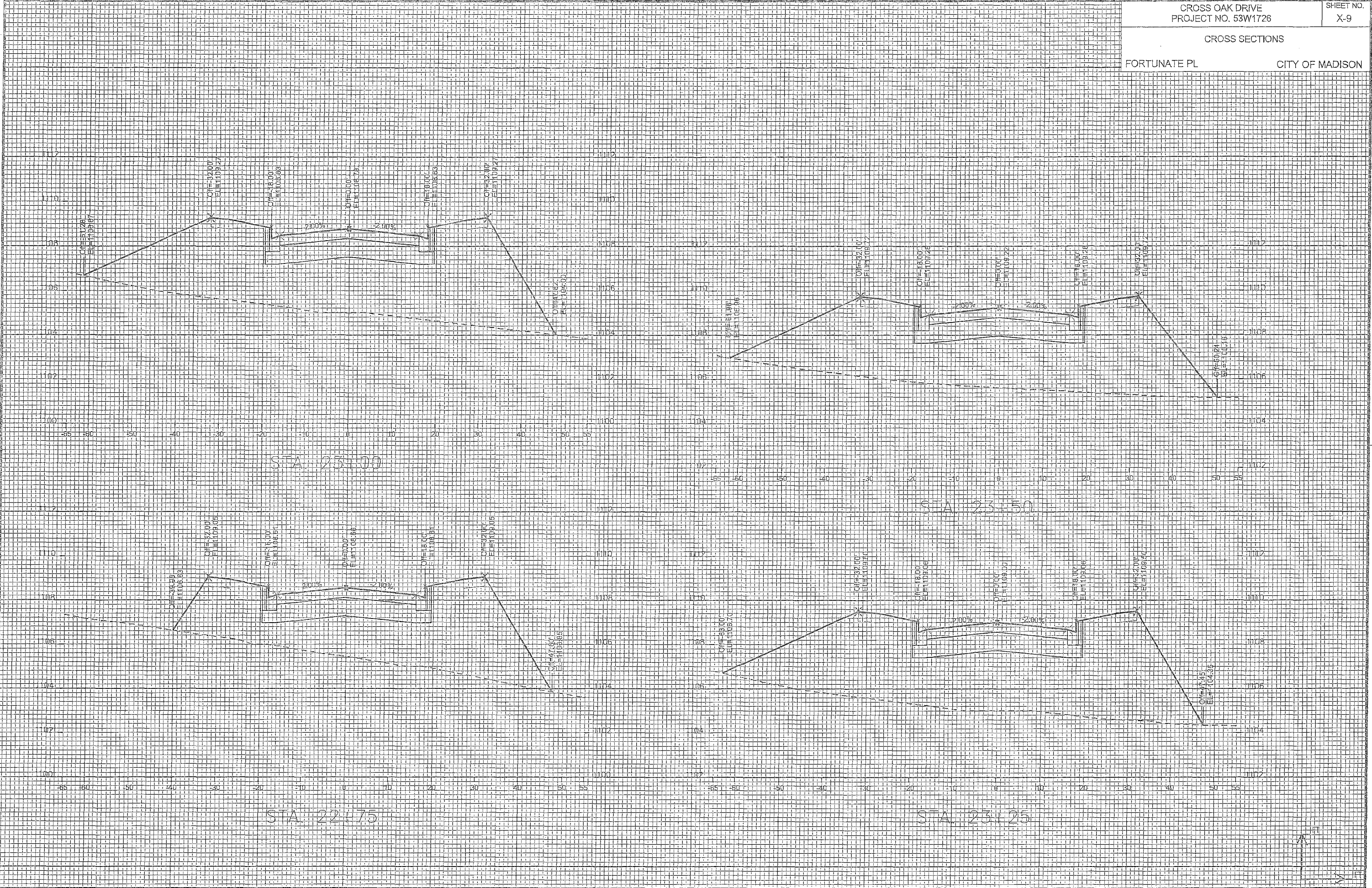
FORTUNATE PL

CITY OF MADISON

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA 23+00

STA 23+50

STA 22+75

STA 23+25

ORIGINAL

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

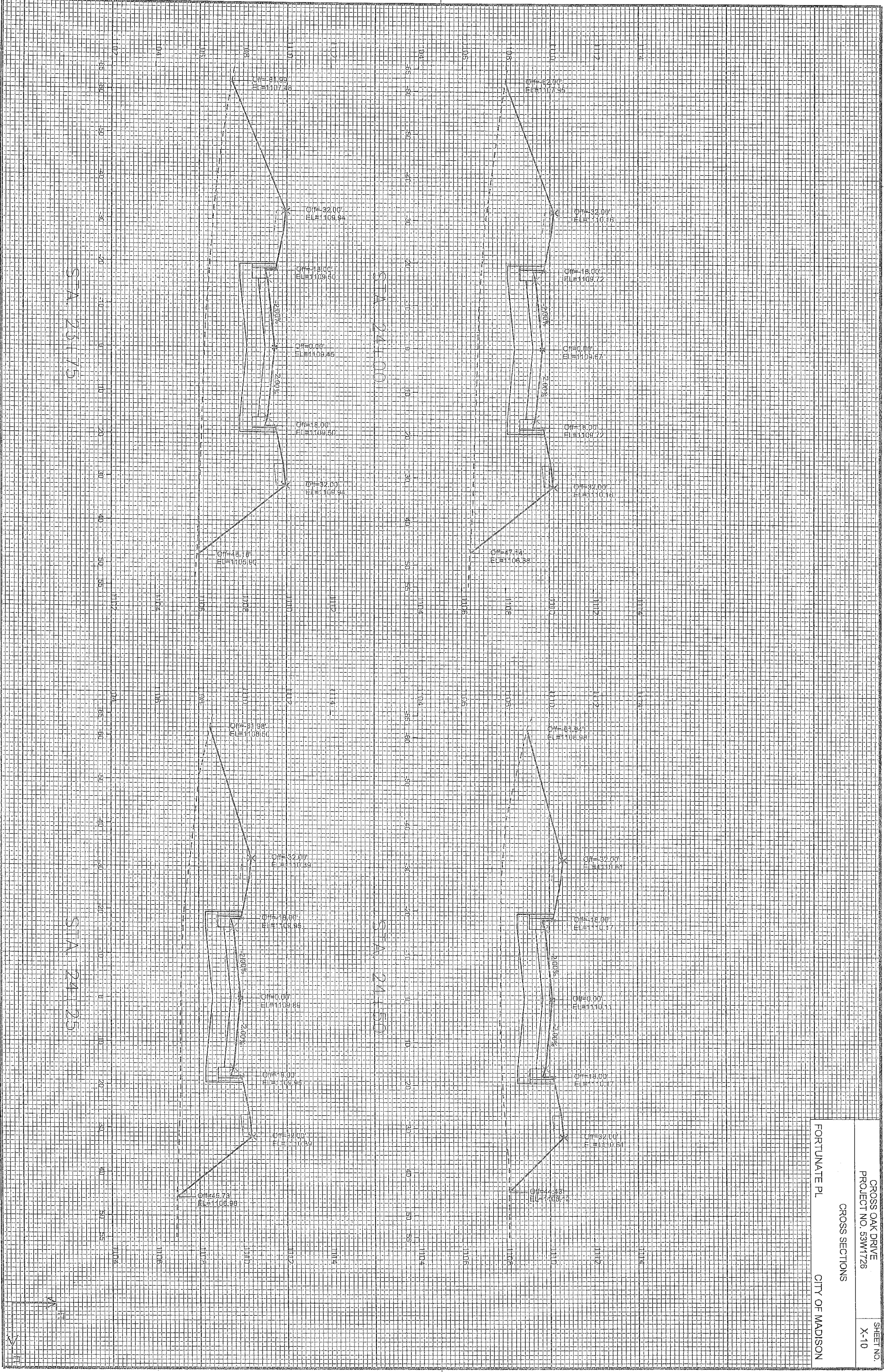
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DATE: 8/13/2014



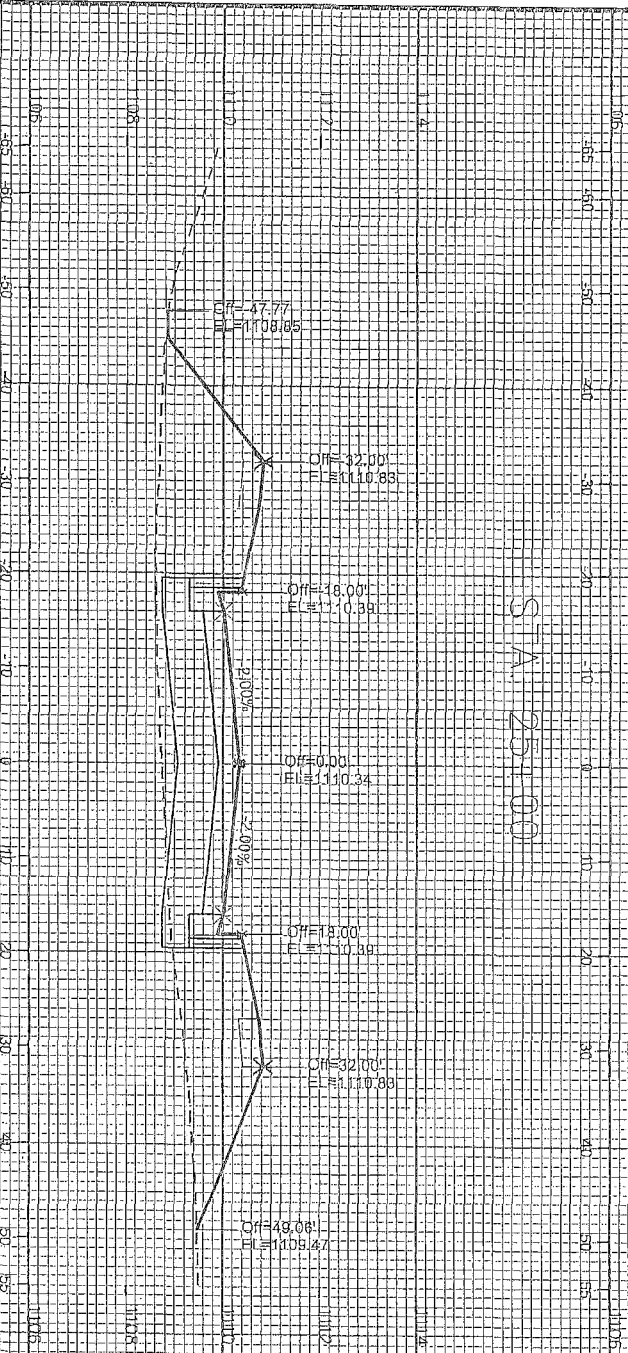
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PROJECT NO. 53W1726

SHEET NO.
X-10

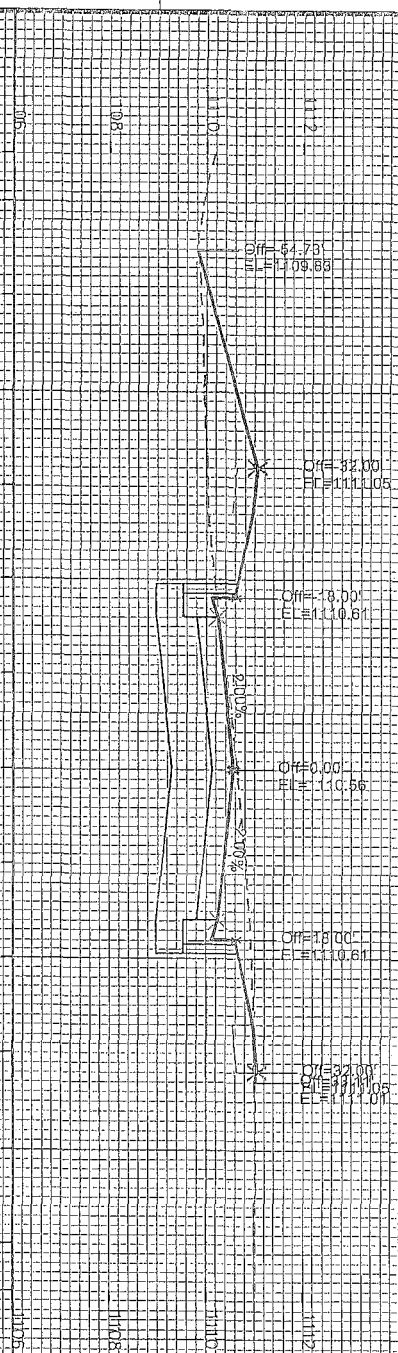
CROSS SECTIONS

FORTUNATE PL CITY OF MADISON

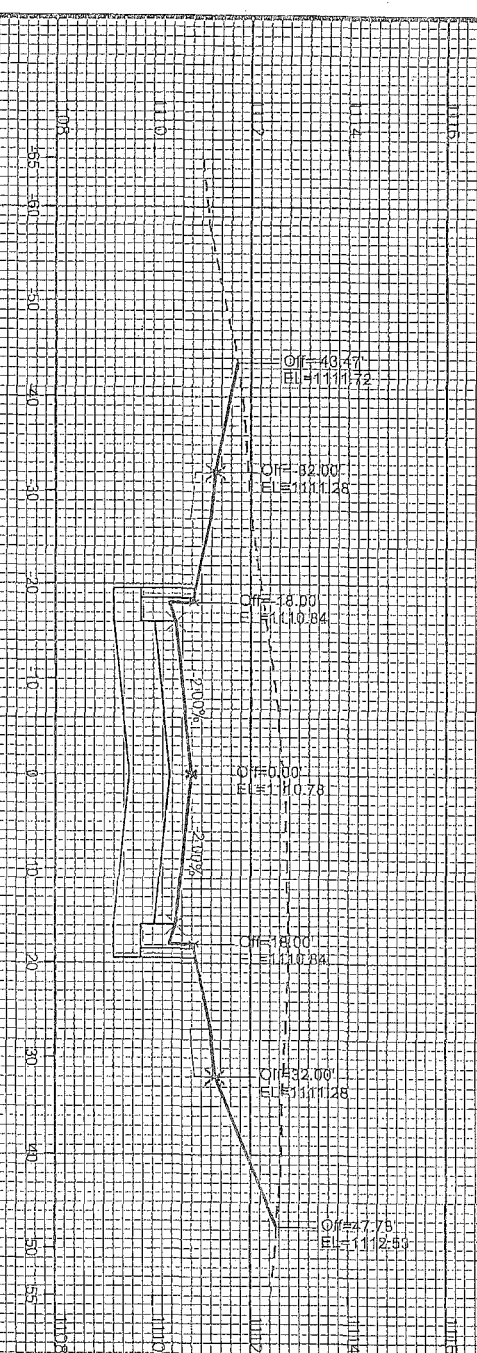
STA. 24+75



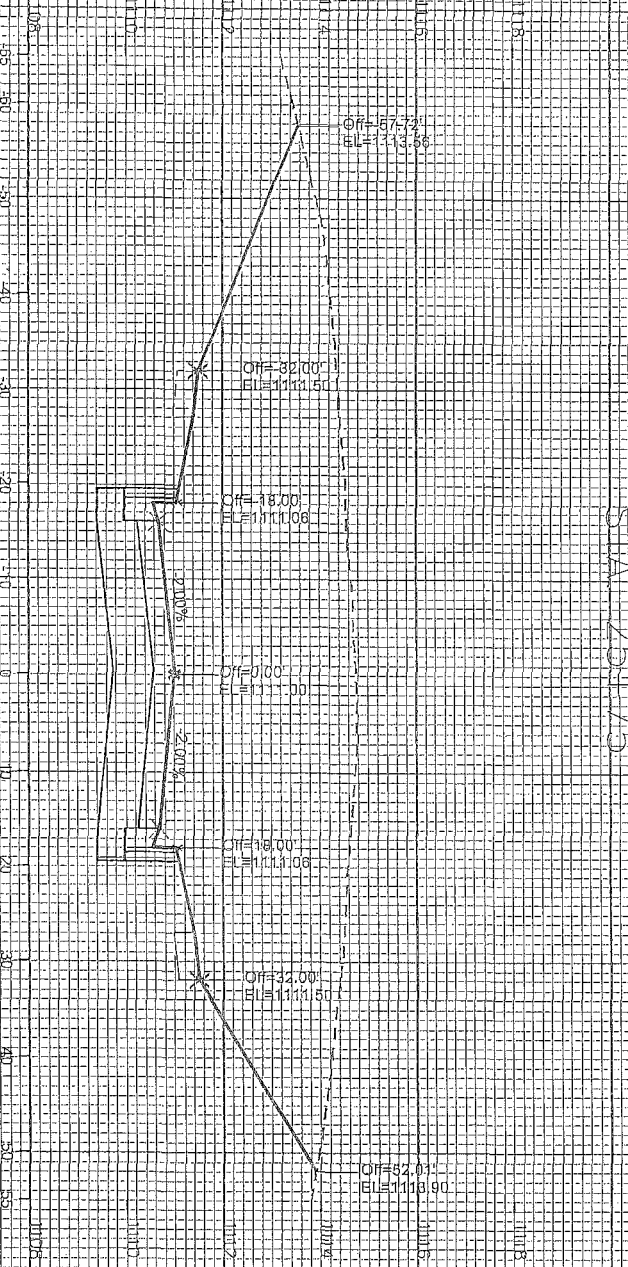
STA. 25+00



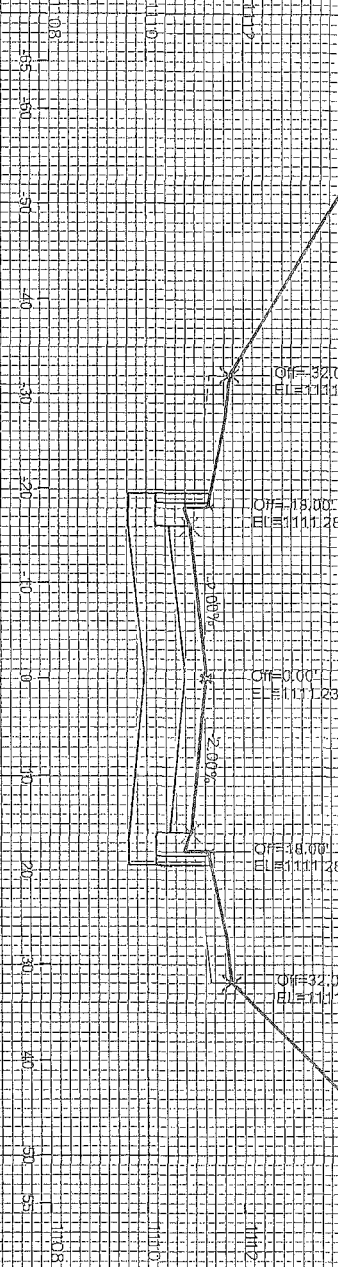
STA. 25+25



STA. 25+50



STA. 25+75



FORTUNATE PL

CROSS SECTIONS

CROSS OAK DRIVE
PROJECT NO. 53W1728

SHEET NO.
X-11

CITY OF MADISON



CROSS SECTIONS

FORTUNATE PL

CITY OF MADISON

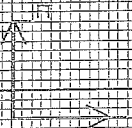
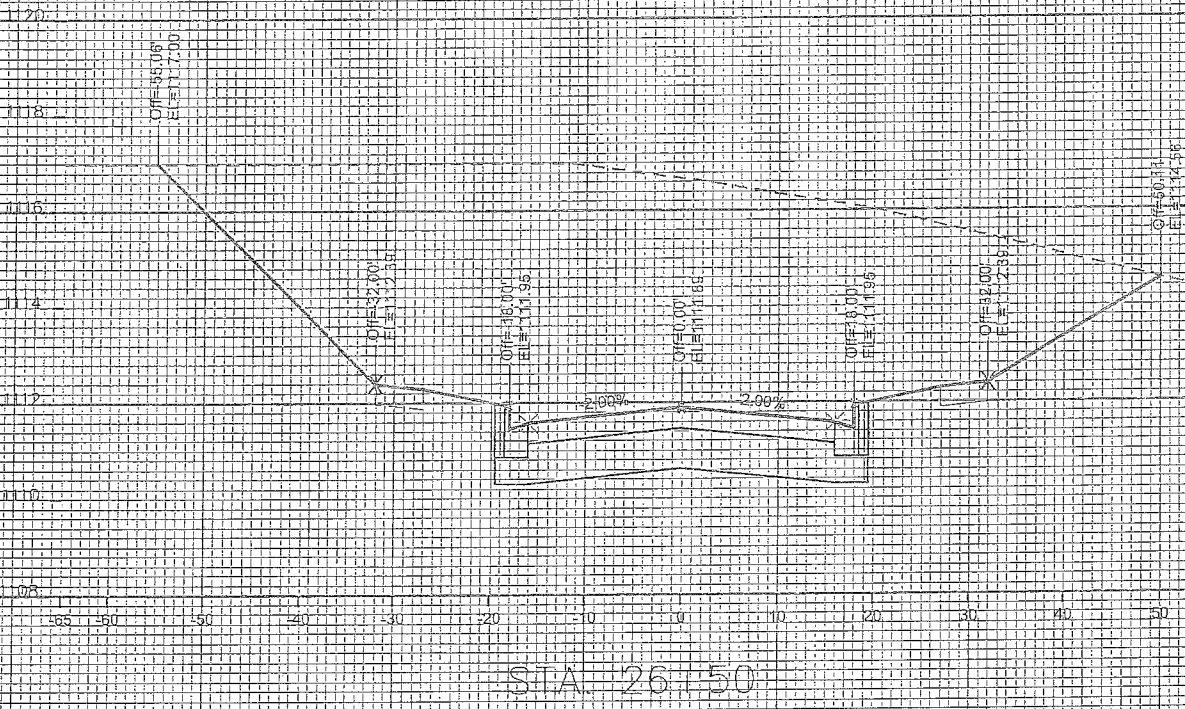
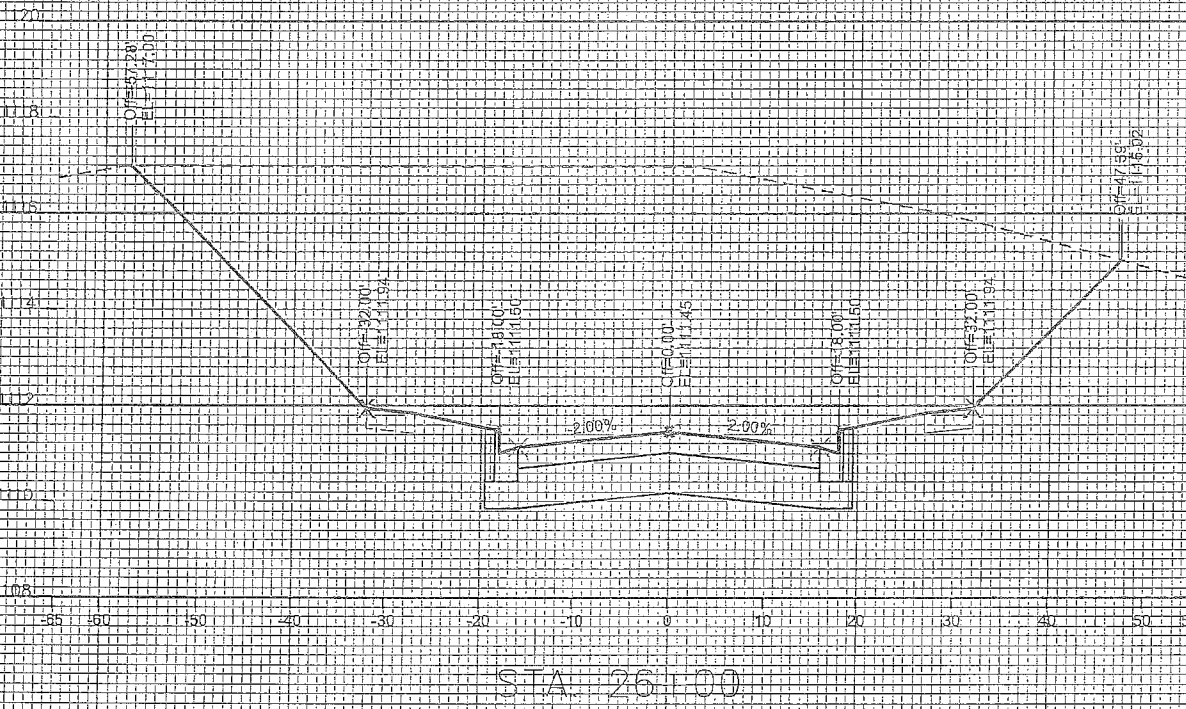
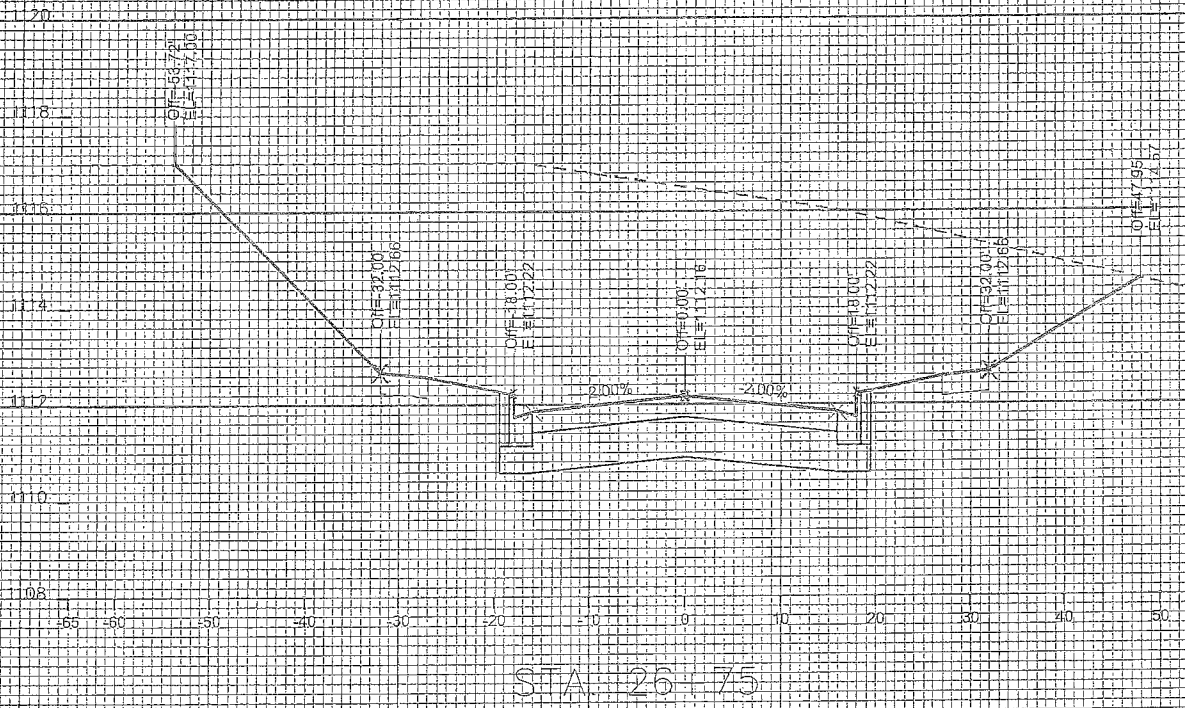
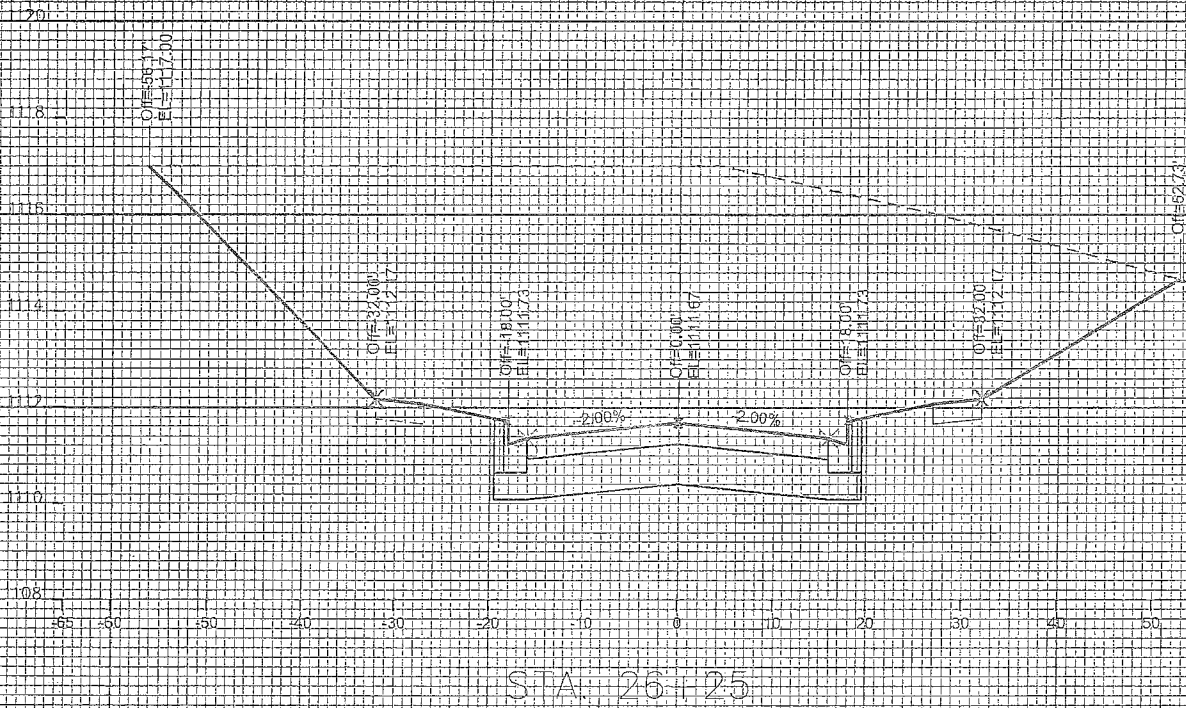
ORIGINAL

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



CROSS SECTIONS

FORTUNATE PL

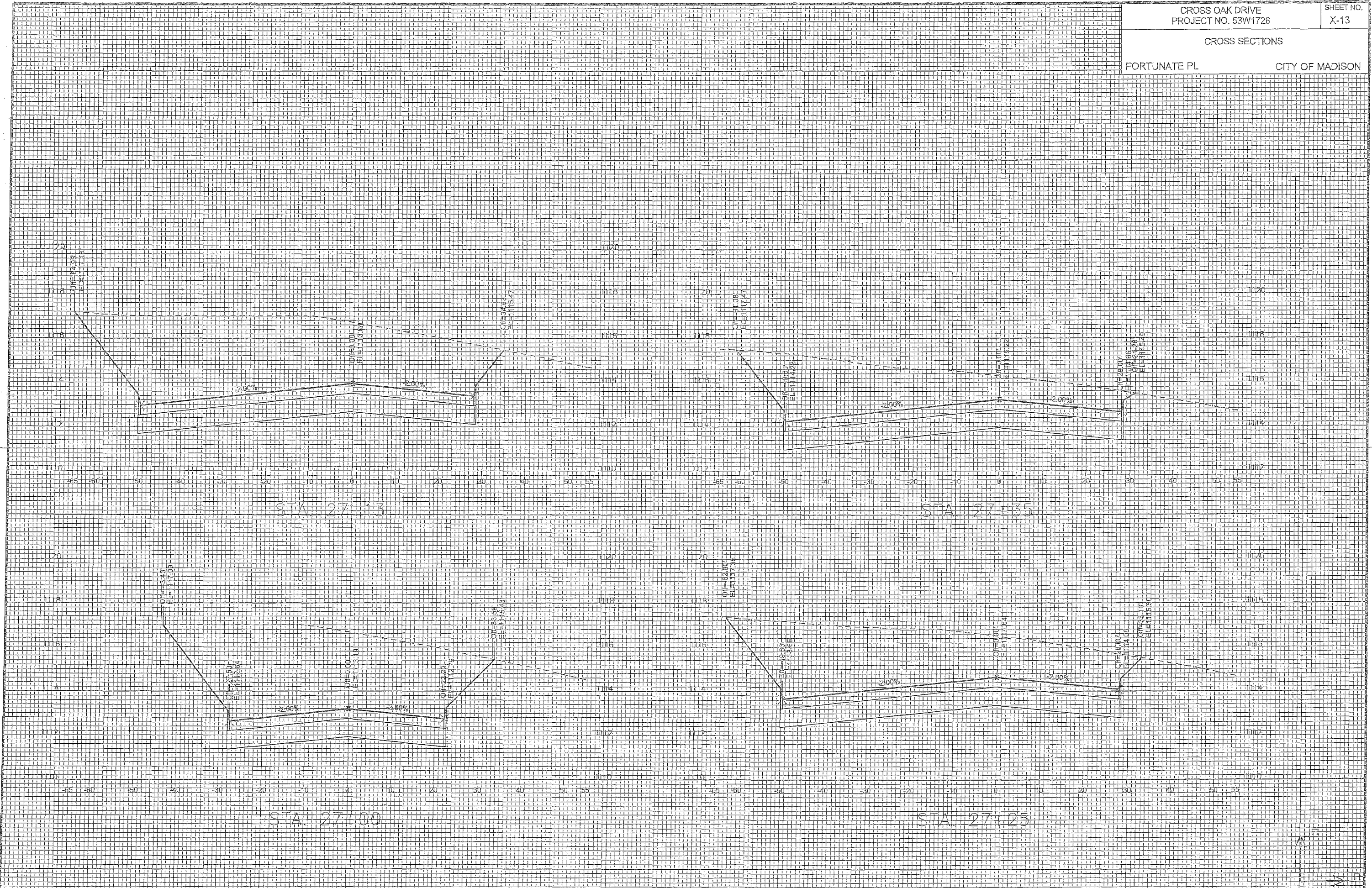
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



SECTION E: BIDDERS ACKNOWLEDGEMENT

CONTRACT TITLE: CROSS OAK DRIVE ASSESSMENT DISTRICT - 2014

CONTRACT NO. #7224

Bidder must state a Unit Price and Total Bid for each item. The Total Bid for each item must be the product of quantity, by Unit Price. The Grand Total must be the sum of the Total Bids for the various items. In case of multiplication errors or addition errors, the Grand Total with corrected multiplication and/or addition shall determine the Grand Total bid for each contract. The Unit Price and Total Bid must be entered numerically in the spaces provided. All words and numbers shall be written in ink.

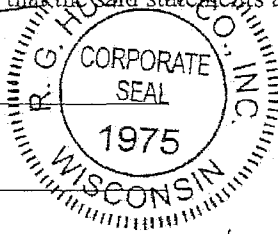
1. The undersigned having familiarized himself/herself with the Contract documents, including Advertisement for Bids, Instructions to Bidders, Form of Proposal, City of Madison Standard Specifications for Public Works Construction - 2014 Edition thereto, Form of Agreement, Form of Bond, and Addenda issued and attached to the plans and specifications on file in the office of the City Engineer, hereby proposes to provide and furnish all the labor, materials, tools, and expendable equipment necessary to perform and complete in a workmanlike manner the specified construction on this project for the City of Madison; all in accordance with the plans and specifications as prepared by the City Engineer, including Addenda to the Contract Nos. 1 through — issued thereto, at the prices for said work as contained in this proposal. (Electronic bids submittals shall acknowledge addendum under Section E and shall not acknowledge here)
2. If awarded the Contract, we will initiate action within seven (7) days after notification or in accordance with the date specified in the contract to begin work and will proceed with diligence to bring the project to full completion within the number of work days allowed in the Contract or by the calendar date stated in the Contract.
3. The undersigned Bidder or Contractor certifies that he/she is not a party to any contract, combination in form of trust or otherwise, or conspiracy in restraint of trade or commerce or any other violation of the anti-trust laws of the State of Wisconsin or of the United States, with respect to this bid or contract or otherwise.

4. I hereby certify that I have met the Bid Bond Requirements as specified in Section 102.5. (IF BID BOND IS USED, IT SHALL BE SUBMITTED ON THE FORMS PROVIDED BY THE CITY. FAILURE TO DO SO MAY RESULT IN REJECTION OF THE BID).

5. I hereby certify that all statements herein are made on behalf of R.G. Huston Co., Inc. (name of corporation) partnership, or person submitting bid) a corporation organized and existing under the laws of the State of WI a partnership consisting of _____; an individual trading as _____; of the City of _____

State of _____; that I have examined and carefully prepared this Proposal, from the plans and specifications and have checked the same in detail before submitting this Proposal; that I have fully authority to make such statements and submit this Proposal in (its, their) behalf; and that the said statements are true and correct.

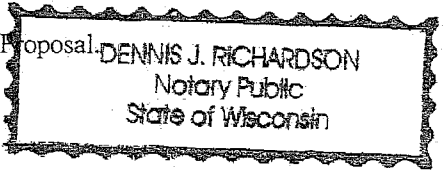
Burt Hill
SIGNATURE
President
TITLE, IF ANY



Sworn and subscribed to before me this 27 day of June, 2014.
(Notary Public or other officer authorized to administer oaths)

My Commission Expires 1/10/16
Bidders shall not add any conditions or qualifying statements to this Proposal.

Dennis J. Richardson
E-1



Contract #7224 – R. G. Huston Company

Section E: Bidder's Acknowledgement

This section is a required document for the bid to be considered complete. There are two methods for completing the Bidder Acknowledgement Report. Method one: The report can be downloaded, completed, and uploaded to this site to be included with your electronic bid. Method two: The report can be downloaded from the site and submitted by hand to the City of Madison. Either method of submission requires that the Bidder Acknowledgement Report be received by the bid due date.

Method of Submittal for Bidder Acknowledgement (click in box below to choose) *

I will download Bidder Acknowledgement Downloadable Document, complete, and upload online.

The bidder acknowledges receipt of the following addenda to the contract for the above designated project. Please check the appropriate box for each addendum reviewed. If no addenda have been issued, then no boxes are required to be checked.

Any addenda issues after 12:00 P.M. on the Wednesday proceeding the bid due date shall include a provision extending the bid due date.

Addendum Acknowledgement

Acknowledge each Addenda reviewed by checking the appropriate checkboxes below.

- Addendum 1 *
- Addendum 2
- Addendum 3
- Addendum 4
- Addendum 5

Section F: Disclosure of Ownership and Best Value Contracting

This section is a required document for the bid to be considered complete. There are two methods for completing the Disclosure of Ownership and BVC form. Method one: The form can be filled out online and submitted to this site to be included with your electronic bid. Method two: The form can be downloaded from the site and submitted by hand to the City of Madison.

Method of Submittal for Disclosure of Ownership and BVC (click in box below to choose) *

I will submit Bid Express fillable online form (Disclosure of Ownership and BVC).

Notice required under Section 15.04(1)(m), Wisconsin Statutes. The statutory authority for the use of this form is prescribed in Sections 66.0903(12)(d), Wisconsin Statutes. The use of this form is mandatory. The penalty for failing to complete this form is prescribed in Section 103.005(12). Personal information you provide may be used for secondary purposes.

(1) On the date a contractor submits a bid to or completes negotiations with a state agency or local governmental unit, on a project subject to Section 66.0903 or 103.49, Wisconsin Statutes, the contractor shall disclose to such state agency or local governmental unit the name of any "other construction business", which the contractor, or a shareholder, officer or partner of the contractor, owns or has owned within the preceding three (3) years.

(2) The term "other construction business" means any business engaged in the erection, construction, remodeling, repairing, demolition, altering or painting and decorating of buildings, structures or facilities. It also means any business engaged in supplying mineral aggregate, or hauling excavated material or spoil as provided by Sections 66.0903(3), 103.49(2) and 103.50(2), Wisconsin Statutes.

(3) This form must ONLY be filed, with the state agency or local governmental unit that will be awarding the contract, if both (A) and (B) are met.

(A) The contractor, or a shareholder, officer or partner of the contractor:

1. Owns at least a 25% interest in the "other construction business", indicated below, on the date the contractor submits a bid or completes negotiations.

2. Or has owned at least a 25% interest in the "other construction business" at any time within the preceding three (3) years.

(B) The Wisconsin Department of Workforce Development (DWD) has determined that the "other construction business" has failed to pay the prevailing wage rate or time and one-half the required hourly basic rate of pay, for hours worked in excess of the prevailing hours of labor, to any employee at any time within the preceding three (3) years.

Other Construction Business

Not Applicable

Name of Business

Street Address or PO Box
City, State and Zip Code

Best Value Contracting

1. The Contractor shall indicate the non-apprenticeable trades used on this contract.

2. Madison General Ordinance (M.G.O.), 33.07(7), does provide for some exemptions from the active apprentice requirement. Apprenticeable trades are those trades considered apprenticeable by the State of Wisconsin. Please check applicable box if you are seeking an exemption.

Contractor has a total skilled workforce of four or less individuals in all apprenticeable trades combined.

No available trade training program; The Contractor has been rejected by the only available trade training program, or there is no trade training program within 90 miles.

Contractor is not using an apprentice due to having a journey worker on layoff status, provided the journey worker was employed by the contractor in the past six months.

First time contractor on City of Madison Public Works contract requests a onetime exemption but intends to comply on all future contracts and is taking steps typical of a "good faith" effort.

Contractor has been in business less than one year.

Contractor doesn't have enough journeyman trade workers to qualify for a trade training program in that respective trade.

3. The Contractor shall indicate on the following section which apprenticeable trades are to be used on this contract. Compliance with active apprenticeship, to the extent required by M.G.O. 33.07(7), shall be satisfied by documentation from an applicable trade training body; an apprenticeship contract with the Wisconsin Department of Workforce Development or a similar agency in another state; or the U.S Department of Labor. This documentation is required prior to the Contractor beginning work on the project site.

The Contractor has reviewed the list and shall not use any apprenticeable trades on this project.

LIST APPRENTICABLE TRADES (check all that apply to your work to be performed on this contract)

- BRICKLAYER
- CARPENTER
- CEMENT MASON / CONCRETE FINISHER
- CEMENT MASON (HEAVY HIGHWAY)
- CONSTRUCTION CRAFT LABORER
- DATA COMMUNICATION INSTALLER
- ELECTRICIAN
- ENVIRONMENTAL SYSTEMS TECHNICIAN / HVAC SERVICE TECH/HVAC INSTALL / SERVICE
- GLAZIER
- HEAVY EQUIPMENT OPERATOR / OPERATING ENGINEER
- INSULATION WORKER
- IRON WORKER
- IRON WORKER (ASSEMBLER, METAL BLDGS)
- PAINTER and DECORATOR
- PLASTERER
- PLUMBER
- RESIDENTIAL ELECTRICIAN
- ROOFER and WATER PROOFER
- SHEET METAL WORKER
- SPRINKLER FITTER
- STEAMFITTER
- STEAMFITTER (REFRIGERATION)
- STEAMFITTER (SERVICE)
- TAPER and FINISHER
- TELECOMMUNICATIONS (VOICE, DATA and VIDEO) INSTALLER-TECHNICIAN
- TILE SETTER

Cross Oak Drive Assessment District - 2014

CONTRACT # 7224

Small Business Enterprise Compliance Report

Cover Sheet

This information MUST be submitted in a separate sealed envelope marked
"ENVELOPE NO. 2 - SBE COMPLIANCE REPORT".

Prime Bidder Information:

Company: R.G. Huston Company, Inc.

Address: 2561 Coffeytown Road
Cottage Grove, WI 53527

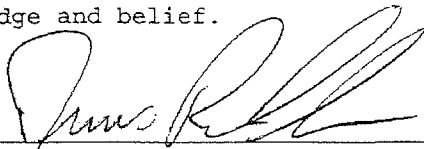
Telephone Number: (608) 255-9223

Fax Number: (608) 839-5936

Contact Person/Title: Brad Huston, President

Prime Bidder Certification:

I, Brad Huston, President of R.G. Huston Company, Inc. certify that the information contained in this SBE Compliance Report is true and correct to the best of my knowledge and belief.



Witness' Signature



Bidder's Signature

6/27/14

Date



Cross Oak Drive Assessment District - 2014

CONTRACT # 7224

Small Business Enterprise Compliance Report

Summary Sheet

This information MUST be submitted in a separate sealed envelope marked "ENVELOPE NO. 2 - SBE COMPLIANCE REPORT".

SBE SUBCONTRACTORS WHO ARE NOT SUPPLIERS

<u>Name(S) of SBEs Utilized</u>	<u>Type of Work</u>	<u>% of Total Bid Amount</u>
Bullet Trucking	Trucking	3%

Subtotal SBE who are not suppliers:

3 %

SBE SUBCONTRACTORS WHO ARE SUPPLIERS

<u>Name(S) of SBEs Utilized</u>	<u>Type of Work</u>	<u>% of Total Bid Amount</u>
---------------------------------	---------------------	------------------------------

Subtotal SBE who are suppliers: _____ % X 0.6 = _____ % (discounted to 60%)

Total Percentage of SBE Utilization: 3 %

CROSS OAK DRIVE, FORTUNATE PLACE, REDAN DRIVE AND SILICON

CONTRACT NO. 7224

DATE: JUNE 27, 2014

R.G. Huston Company, Inc.

Item	Quantity	Price	Extension
Section B: Proposal Page			
10701.0 - TRAFFIC CONTROL - LS	1.00	\$7,500.00	\$7,500.00
10711.0 - TYPE III BARRICADE - EA	2.00	\$400.00	\$800.00
10911.0 - MOBILIZATION - LS	1.00	\$86,500.00	\$86,500.00
20101.0 - EXCAVATION CUT - CY	11558.00	\$15.30	\$176,837.40
20204.0 - SELECT FILL - TON	2380.00	\$5.00	\$11,900.00
20219.0 - BREAKER RUN - TON	1397.00	\$11.60	\$16,205.20
20221.0 - TOPSOIL - SY	9630.00	\$3.00	\$28,890.00
20303.0 - SAWCUT BITUMINOUS PAVEMENT - LF	69.00	\$2.50	\$172.50
20322.0 - REMOVE CONCRETE CURB & GUTTER - LF	60.00	\$9.00	\$540.00
20323.0 - REMOVE CONCRETE SIDEWALK & DRIVE - SF	200.00	\$2.60	\$520.00
20701.0 - TERRACE SEEDING - SY	9630.00	\$0.77	\$7,415.10
21061.0 - EROSION MATTING, CLASS I, URBAN TYPE A - SY	1458.00	\$1.53	\$2,230.74
21062.0 - EROSION MATTING, CLASS I, URBAN TYPE B - SY	8172.00	\$1.69	\$13,810.68
30132.0 - COLD WEATHER PROTECTION OF CONCRETE CURB & GUTTER (POLYETHYLENE) - LF	2320.00	\$0.25	\$580.00
30201.0 - TYPE 'A' CONCRETE CURB & GUTTER - LF	2900.00	\$14.50	\$42,050.00
30207.0 - TYPE 'H' CONCRETE CURB & GUTTER - LF	580.00	\$16.25	\$9,425.00
30301.0 - 5" CONCRETE SIDEWALK - SF	9900.00	\$3.60	\$35,640.00
30302.0 - 7" CONCRETE SIDEWALK - SF	600.00	\$4.00	\$2,400.00
40101.0 - CRUSHED AGGREGATE BASE COURSE GRADATION NO. 1 - TON	2647.00	\$13.25	\$35,072.75
40102.0 - CRUSHED AGGREGATE BASE COURSE GRADATION NO. 2 - TON	1534.00	\$14.40	\$22,089.60
40202.0 - HMA PAVEMENT TYPE E-1 - TON	850.00	\$59.90	\$50,915.00
90004.0 - REMOVE, SALVAGE AND REINSTALL TYPE III BARRICADE - EA	5.00	\$270.00	\$1,350.00
20217.0 - CLEAR STONE - TON	286.00	\$11.00	\$3,146.00
21001.0 - EROSION CONTROL IMPLEMENTATION PLAN - L.S.	1.00	\$1,350.00	\$1,350.00
21002.0 - EROSION CONTROL INSPECTION - EA	10.00	\$350.00	\$3,500.00
21013.0 - STREET SWEEPING - L.S.	1.00	\$415.00	\$415.00
21014.0 - CLEAR STONE BERM (DITCH CHECK - EA	7.00	\$500.00	\$3,500.00
21015.0 - CONSTRUCTION ENTRANCE STONE BERM - EA	2.00	\$500.00	\$1,000.00
21022.0 - SILT FENCE - PROVIDE, INSTALL & MAINTAIN - LF	500.00	\$2.65	\$1,325.00

CROSS OAK DRIVE, FORTUNATE PLACE, REDAN DRIVE AND SILICON

CONTRACT NO. 7224

DATE: JUNE 27, 2014

R.G. Huston Company, Inc.

Item	Quantity	Price	Extension
21025.0 - SILT SOCK - PROVIDE, INSTALL & MAINTAIN - LF	60.00	\$8.10	\$486.00
21056.0 - INLET PROTECTION, TYPE D HYBRID - PROVIDE & INSTALL - EA	24.00	\$70.00	\$1,680.00
21057.0 - INLET PROTECTION, TYPE D HYBRID - MAINTAIN - EA	48.00	\$10.00	\$480.00
21058.0 - INLET PROTECTION, TYPE D HYBRID - REMOVE - EA	24.00	\$20.00	\$480.00
50211.0 - SELECT BACKFILL FOR STORM - TF	2182.50	\$0.01	\$21.83
50413.0 - 18 INCH RCP STORM SEWER PIPE - LF	2182.50	\$35.00	\$76,387.50
50499.0 - CONCRETE COLLAR - EA	1.00	\$630.00	\$630.00
50723.0 - 3'X3' STORM SAS - EA	13.00	\$2,920.00	\$37,960.00
50724.0 - 4'X4' STORM SAS - EA	4.00	\$4,000.00	\$16,000.00
90030.0 - STORM CONTROL - LS	1.00	\$300.00	\$300.00
50212.0 - SELECT BACKFILL FOR SANITARY SEWER - TF	2239.00	\$0.01	\$22.39
50301.0 - 8 INCH PVC SANITARY SEWER PIPE SDR 35 AND SDR 26 - L.F.	1719.00	\$40.00	\$68,760.00
50352.0 - 6 INCH SANITARY SEWER LATERAL SDR 26 AND SDR 35 - L.F.	400.00	\$40.00	\$16,000.00
50390.0 - SEWER ELECTRONIC MARKERS - EA	12.00	\$45.00	\$540.00
50701.0 - 4' DIA. SANITARY SAS - EA	9.00	\$2,300.00	\$20,700.00
50771.0 - INTERNAL CHIMNEY SEAL - EA	2.00	\$365.00	\$730.00
50791.0 - SANITARY SEWER TAP - EA	2.00	\$925.00	\$1,850.00
50801.0 - UTILITY LINE OPENING - EA	4.00	\$450.00	\$1,800.00
10703.0 - TRAFFIC CONTROL FOR WATER MAIN INSTALLATION - LUMP SUM	1.00	\$877.00	\$877.00
10913.0 - MOBILIZATION FOR WATER MAIN INSTALLATION - LUMP SUM	1.00	\$54,000.00	\$54,000.00
70002.0 - FURNISH AND INSTALL 6 INCH PIPE & FITTINGS - L.F.	475.00	\$70.00	\$33,250.00
70003.0 - FURNISH AND INSTALL 8 INCH PIPE & FITTINGS - L.F.	1400.00	\$60.00	\$84,000.00
70004.0 - FURNISH AND INSTALL 10 INCH PIPE & FITTINGS - L.F.	10.00	\$125.00	\$1,250.00
70005.0 - FURNISH AND INSTALL 12 INCH PIPE & FITTINGS - L.F.	350.00	\$80.00	\$28,000.00
70031.0 - FURNISH AND INSTALL 6-INCH WATER VALVE - EACH	11.00	\$1,225.00	\$13,475.00
70032.0 - FURNISH AND INSTALL 8-INCH WATER VALVE - EACH	6.00	\$1,640.00	\$9,840.00
70033.0 - FURNISH AND INSTALL 10-INCH WATER VALVE - EACH	1.00	\$2,290.00	\$2,290.00
70040.0 - FURNISH AND INSTALL HYDRANT - EACH	5.00	\$3,110.00	\$15,550.00
70070.0 - SELECT FILL - SAND FOR WATER - L.F.	2235.00	\$0.01	\$22.35

CROSS OAK DRIVE, FORTUNATE PLACE, REDAN DRIVE AND SILICON
 CONTRACT NO. 7224
 DATE: JUNE 27, 2014

R.G. Huston Company, Inc.

Item	Quantity	Price	Extension
70080.0 - CUT-IN OR CONNECT TO EXISTING WATER SYSTEM - EACH	3.00	\$1,410.00	\$4,230.00
70082.0 - CUT OFF EXISTING WATER MAIN - EACH	1.00	\$1,100.00	\$1,100.00
70091.0 - ABANDON HYDRANT - EACH	1.00	\$500.00	\$500.00
70101.0 - FURNISH AND INSTALL STYROFOAM - L.F.	96.00	\$12.00	\$1,152.00
70102.0 - LANDSCAPE RESTORATION FOR WATER MAIN - L.F.	220.00	\$7.84	\$1,724.80
30131 - COLD WEATHER PROTECTION OF CONCRETE SIDEWALK & DRIVE (POLYETHYLENE) - L.F.	1346.00	\$0.25	\$336.50
TOTALS			\$ 1,063,505.34



Department of Public Works
City Engineering Division

608 266 4751

Robert F. Phillips, P.E.
City Engineer

City-County Building, Room 115
210 Martin Luther King, Jr. Boulevard
Madison, Wisconsin 53703
608 264 9275 FAX
1 866 704 2315 Textnet

Principal Engineers
Michael R. Dailey, P.E.
Christina M. Bachmann, P.E.
John S. Fahrney, P.E.
Gregory T. Fries, P.E.

Facilities & Sustainability
Jeanne E. Hoffman, Manager
James C. Whitney, A.I.A.

Operations Manager
Kathleen M. Cryan

GIS Manager
David A. Davis, R.L.S.

Financial Officer
Steven B. Danner-Rivers
Hydrogeologist
Brynn Bemis

BIENNIAL BID BOND

R.G. Huston Company, Inc.

(a corporation of the State of Wisconsin)

(~~individual~~ partnership), (hereinafter referred to as the "Principal") and

BERKLEY INSURANCE COMPANY

a corporation of the State of Delaware (hereinafter referred to as the "Surety") and licensed to do business in the State of Wisconsin, are held and firmly bound unto the City of Madison, Wisconsin (hereinafter referred to as the "City"), in the sum equal to the individual proposal guaranty amounts of the total bid or bids of the Principal herein accepted by the City, for the payment of which the Principal and the Surety hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns.

The condition of this obligation is that the Principal has submitted to the City certain bids for projects from the time period of February 1, 2014 through January 31, 2016.

If the Principal is awarded the contract(s) by the City and, within the time and manner required by law after the prescribed forms are presented for its signature, the Principal enters into (a) written contract(s) in accordance with the bid(s), and files with the City its bond(s) guaranteeing faithful performance and payment for all labor and materials, as required by law, or if the City rejects all bids for the work described, then this obligation shall be null and void; otherwise, it shall remain in full force and effect.

In the event the Principal shall fail to execute and deliver the contract(s) or the performance and payment bond(s), all within the time specified or any extension thereof, the Principal and Surety agree jointly and severally to pay to the City within ten (10) calendar days of written demand a total equal to the sum of the individual proposal guaranty amounts of the total bid(s) as liquidated damages.

The Surety, for value received, hereby agrees that the obligations of it and its bond shall be in no way impaired or affected by any extension of time within which the City may accept a bid, and the Surety does hereby waive notice of any such extension.

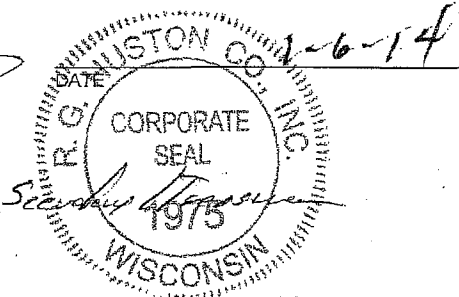
This bond may be terminated by the Surety upon giving thirty (30) days written notice to the City of its intent to terminate this bond and to be released and discharged therefrom, but such termination shall not operate to relieve or discharge the Surety from any liability already accrued or which shall accrue before the expiration of such thirty (30) day period.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, on the day and year set forth below.

PRINCIPAL

R.G. HUSTON COMPANY, INC.
COMPANY NAME AFFIX SEAL

By: [Signature]
SIGNATURE AND TITLE
Carol Huston



SURETY

BERKLEY INSURANCE COMPANY
COMPANY NAME AFFIX SEAL

By: [Signature]
SIGNATURE AND TITLE
Dennis M. Barton, Attorney-In-Fact

January 2, 2014
DATE

This certifies that I have been duly licensed as an agent for the Surety in Wisconsin under License No. 125401 for the year 2014, and appointed as attorney in fact with authority to execute this bid bond, which power of attorney has not been revoked.

January 2, 2014
DATE

[Signature]
AGENT Dennis M. Barton

17035 West Wisconsin Avenue - Suite 135
ADDRESS

Brookfield, Wisconsin 53005
CITY, STATE AND ZIP CODE

262-792-2212
TELEPHONE NUMBER

Note to Surety and Principal: Any bid submitted which this bond guarantees may be rejected if the Power of Attorney form showing that the Agent of Surety is currently authorized to execute bonds on behalf of Surety is not attached to this bond.

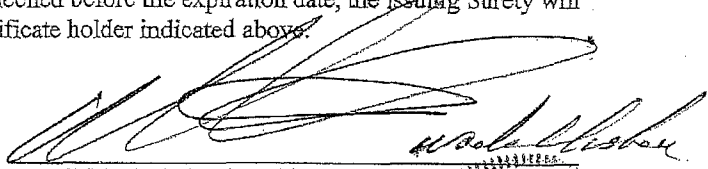
CERTIFICATE OF BIENNIAL BID BOND

TIME PERIOD - VALID (FROM/TO)	2/1/14 to 1/31/16
NAME OF SURETY	Berkley Insurance Company
NAME OF CONTRACTOR	RG Huston Company, Inc.
CERTIFICATE HOLDER	City of Madison, Wisconsin

This is to certify that a biennial bid bond issued by the above-named Surety is currently on file with the City of Madison.

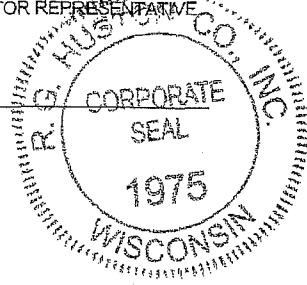
This certificate is issued as a matter of information and conveys no rights upon the certificate holder and does not amend, extend or alter the coverage of the biennial bid bond.

Cancellation: Should the above policy be cancelled before the expiration date, the issuing Surety will give thirty (30) days written notice to the certificate holder indicated above.



SIGNATURE OF AUTHORIZED CONTRACTOR REPRESENTATIVE

DATE 1/6/14



Instructions for Inquiries and Notices Under the Bond Attached to This Power

Berkley Surety Group is the affiliated underwriting manager for the surety business of: Acadia Insurance Company, Berkley Insurance Company, Berkley Regional Insurance Company, Carolina Casualty Insurance Company, Union Standard Insurance Company, Continental Western Insurance Company, and Union Insurance Company.

To verify the authenticity of the bond, please call (866) 768-3534 or email BSGInquiry@berkleysurety.com

Any written notices, inquiries, claims or demands to the surety on the bond to which this Rider is attached should be directed to:

Berkley Surety Group
412 Mount Kemble Avenue
Suite 310N
Morristown, NJ 07960
Attention: Surety Claims Department

Or

email BSGClaim@berkleysurety.com

Please include with all notices the bond number and the name of the principal on the bond. Where a claim is being asserted, please set forth generally the basis of the claim. In the case of a payment or performance bond, please identify the project to which the bond pertains.

SECTION H: AGREEMENT

THIS AGREEMENT made this 16 day of JULY in the year Two Thousand and Fourteen between R. G. HUSTON COMPANY, INC. hereinafter called the Contractor, and the City of Madison, Wisconsin, hereinafter called the City.

WHEREAS, the Common Council of the said City of Madison under the provisions of a resolution adopted JULY 15, 2014, and by virtue of authority vested in the said Council, has awarded to the Contractor the work of performing certain construction.

NOW, THEREFORE, the Contractor and the City, for the consideration hereinafter named, agree as follows:

1. **Scope of Work.** The Contractor shall, perform the construction, execution and completion of the following listed complete work or improvement in full compliance with the Plans, Specifications, Standard Specifications, Supplemental Specifications, Special Provisions and contract; perform all items of work covered or stipulated in the proposal; perform all altered or extra work; and shall furnish, unless otherwise provided in the contract, all materials, implements, machinery, equipment, tools, supplies, transportation, and labor necessary to the prosecution and completion of the work or improvements:

CROSS OAK DRIVE, FORTUNATE PLACE, REDAN DRIVE AND
SILICON PRAIRIE PARKWAY ASSESSMENT DISTRICT - 2014
CONTRACT NO. 7224

2. **Completion Date/Contract Time.** Construction work must begin within seven (7) calendar days after the date appearing on mailed written notice to do so shall have been sent to the Contractor and shall be carried on at a rate so as to secure full completion SEE SPECIAL PROVISIONS, the rate of progress and the time of completion being essential conditions of this Agreement.
3. **Contract Price.** The City shall pay to the Contractor at the times, in the manner and on the conditions set forth in said specifications, the sum of ONE MILLION SIXTY-THREE THOUSAND FIVE HUNDRED FIVE AND 34/100 (\$1,063,505.34) Dollars being the amount bid by such Contractor and which was awarded to him/her as provided by law.
4. **Wage Rates for Employees of Public Works Contractors**

General and Authorization. The Contractor shall compensate its employees at the prevailing wage rate in accordance with section 66.0903, Wis. Stats., DWD 290 of the Wisconsin Administrative Code and as hereinafter provided unless otherwise noted in Section D: Special Provisions, Subsection 102.10 – Minimum Rate of Wage Scale.

"Public Works" shall include building or work involving the erection, construction, remodeling, repairing or demolition of buildings, parking lots, highways, streets, bridges, sidewalks, street lighting, traffic signals, sanitary sewers, water mains and appurtenances, storm sewers, and the grading and landscaping of public lands.

"Building or work" includes construction activity as distinguished from manufacturing, furnishing of materials, or servicing and maintenance work, except for the delivery of mineral aggregate such as sand, gravel, bituminous asphaltic concrete or stone which is incorporated into the work under contract with the City by depositing the material directly in final place from transporting vehicle.

"Erection, construction, remodeling, repairing" means all types of work done on a particular building or work at the site thereof in the construction or development of the project, including without limitation, erecting, construction, remodeling, repairing, altering, painting, and decorating, the transporting of materials and supplies to or from the building or work done by the employees of the Contractor, Subcontractor, or Agent thereof, and the manufacturing or furnishing of

materials, articles, supplies or equipment on the site of the building or work, by persons employed by the Contractor, Subcontractor, or Agent thereof.

"Employees working on the project" means laborers, workers, and mechanics employed directly upon the site of work.

"Laborers, Workers, and Mechanics" include pre-apprentices, helpers, trainees, learners and properly registered and indentured apprentices but exclude clerical, supervisory, and other personnel not performing manual labor.

Establishment of Wage Rates. The Department of Public Works shall periodically obtain a current schedule of prevailing wage rates from DWD. The schedule shall be used to establish the City of Madison Prevailing Wage Rate Schedule for Public Works Construction (prevailing wage rate). The Department of Public Works may include known increases to the prevailing wage rate which can be documented and are to occur on a future specific date. The prevailing wage rate shall be included in public works contracts subsequently negotiated or solicited by the City. Except for known increases contained within the schedule, the prevailing wage rate shall not change during the contract. The approved wage rate is attached hereto.

Workforce Profile. The Contractor shall, at the time of signature of the contract, notify the City Engineer in writing of the names and classifications of all the employees of the Contractor, Subcontractors, and Agents proposed for the work. In the alternative, the Contractor shall submit in writing the classifications of all the employees of the Contractor, Subcontractors and Agents and the total number of hours estimated in each classification for the work. This workforce profile(s) shall be reviewed by the City Engineer who may, within ten (10) days, object to the workforce profile(s) as not being reflective of that which would be required for the work. The Contractor may request that the workforce profile, or a portion of the workforce profile, be submitted after the signature of the contract but at least ten (10) days prior to the work commencing. Any costs or time loss resulting from modifications to the workforce profile as a result of the City Engineer's objections shall be the responsibility of the Contractor.

Payrolls and Records. The Contractor shall keep weekly payroll records setting forth the name, address, telephone number, classification, wage rate and fringe benefit package of all the employees who work on the contract, including the employees of the Contractor's subcontractors and agents. Such weekly payroll records must include the required information for all City contracts and all other contracts on which the employee worked during the week in which the employee worked on the contract. The Contractor shall also keep records of the individual time each employee worked on the project and for each day of the project. Such records shall also set forth the total number of hours of overtime credited to each such employee for each day and week and the amount of overtime pay received in that week. The records shall set forth the full weekly wages earned by each employee and the actual hourly wage paid to the employee.

The Contractor shall submit the weekly payroll records, including the records of the Contractor's subcontractors and agents, to the City Engineer for every week that work is being done on the contract. The submittal shall be within twenty-one (21) calendar days of the end of the Contractor's weekly pay period.

Employees shall receive the full amounts accrued at the time of the payment, computed at rates not less than those stated in the prevailing wage rate and each employee's rate shall be determined by the work that is done within the trade or occupation classification which should be properly assigned to the employee.

An employee's classification shall not be changed to a classification of a lesser rate during the contract. If, during the term of the contract, an employee works in a higher pay classification than the one which was previously properly assigned to the employee, then that employee shall be considered to be in the higher pay classification for the balance of the contract, receive the appropriate higher rate of pay, and she/he shall not receive a lesser rate during the balance of the

contract. For purposes of clarification, it is noted that there is a distinct difference between working in a different classification with higher pay and doing work within a classification that has varying rates of pay which are determined by the type of work that is done within the classification. For example, the classification "Operating Engineer" provides for different rates of pay for various classes of work and the Employer shall compensate an employee classified as an "Operating Engineer" based on the highest class of work that is done in one day. Therefore, an "Operating Engineer's" rate may vary on a day to day basis depending on the type of work that is done, but it will never be less than the base rate of an "Operating Engineer". Also, as a matter of clarification, it is recognized that an employee may work in a higher paying classification merely by chance and without prior intention, calculation or design. If such is the case and the performance of the work is truly incidental and the occurrence is infrequent, inconsequential and does not serve to undermine the single classification principle herein, then it may not be required that the employee be considered to be in the higher pay classification and receive the higher rate of pay for the duration of the contract. However, the Contractor is not precluded or prevented from paying the higher rate for the limited time that an employee performs work that is outside of the employee's proper classification.

Questions regarding an employee's classification, rate of pay or rate of pay within a classification, shall be resolved by reference to the established practice that predominates in the industry and on which the trade or occupation rate/classification is based. Rate of pay and classification disputes shall be resolved by relying upon practices established by collective bargaining agreements and guidelines used in such determination by appropriate recognized trade unions operating within the City of Madison.

The Contractor, its Subcontractors and Agents shall submit to interrogation regarding compliance with the provisions of this ordinance.

Mulcting of the employees by the Contractor, Subcontractor, and Agents on Public Works contracts, such as by kickbacks or other devices, is prohibited. The normal rate of wage of the employees of the Contractor, Subcontractor, and Agents shall not be reduced or otherwise diminished as a result of payment of the prevailing wage rate on a public works contract.

Hourly contributions. Hourly contributions shall be determined in accordance with the prevailing wage rate and with DWD. 290.01(10), Wis. Admin. Code.

Apprentices and Subjourney persons. Apprentices and sub journeypersons performing work on the project shall be compensated in accordance with the prevailing wage rate and with DWD 290.02, and 290.025, respectively, Wis. Admin. Code.

Straight Time Wages. The Contractor may pay straight time wages as determined by the prevailing wage rate and DWD 290.04, Wis. Admin. Code.

Overtime Wages. The Contractor shall pay overtime wages as required by the prevailing wage rate and DWD 290.05, Wis. Admin. Code.

Posting of Wage Rates and Hours. A clearly legible copy of the prevailing wage rate, together with the provisions of Sec. 66.0903(10)(a) and (11)(a), Wis. Stats., shall be kept posted in at least one conspicuous and easily accessible place at the project site by the Contractor and such notice shall remain posted during the full time any laborers, workers or mechanics are employed on the contract.

Evidence of Compliance by Contractor. Upon completion of the contract, the Contractor shall file with the Department of Public Works an affidavit stating:

- a. That the Contractor has complied fully with the provisions and requirements of Sec. 66.0903(3), Wis. Stats., and Chapter DWD 290, Wis. Admin. Code; the Contractor has received evidence of compliance from each of the agents and subcontractors; and the

names and addresses of all of the subcontractors and agents who worked on the contract.

- b. That full and accurate records have been kept, which clearly indicate the name and trade or occupation of every laborer, worker or mechanic employed by the Contractor in connection with work on the project. The records shall show the number of hours worked by each employee and the actual wages paid therefore; where these records will be kept and the name, address and telephone number of the person who will be responsible for keeping them. The records shall be retained and made available for a period of at least three (3) years following the completion of the project of public works and shall not be removed without prior notification to the municipality.

Evidence of Compliance by Agent and Subcontractor. Each agent and subcontractor shall file with the Contractor, upon completion of their portion of the work on the contract an affidavit stating that all the provisions of Sec. 66.0903(3), Wis. Stats., have been fully complied with and that full and accurate records have been kept, which clearly indicate the name and trade or occupation of every laborer, worker or mechanic employed by the Contractor in connection with work on the project. The records shall show the number of hours worked by each employee and the actual wages paid therefore; where these records shall be kept and the name, address and telephone number of the person who shall be responsible for keeping them. The records shall be retained and made available for a period of at least three (3) years following the completion of the project of public works and shall not be removed without prior notification to the municipality.

Failure to Comply with the Prevailing Wage Rate. If the Contractor fails to comply with the prevailing wage rate, she/he shall be in default on the contract.

5. **Affirmative Action.** In the performance of the services under this Agreement the Contractor agrees not to discriminate against any employee or applicant because of race, religion, marital status, age, color, sex, disability, national origin or ancestry, income level or source of income, arrest record or conviction record, less than honorable discharge, physical appearance, sexual orientation, gender identity, political beliefs, or student status. The Contractor further agrees not to discriminate against any subcontractor or person who offers to subcontract on this contract because of race, religion, color, age, disability, sex, sexual orientation, gender identity or national origin.

The Contractor agrees that within thirty (30) days after the effective date of this agreement, the Contractor will provide to the City Affirmative Action Division certain workforce utilization statistics, using a form to be furnished by the City.

If the contract is still in effect, or if the City enters into a new agreement with the Contractor, within one year after the date on which the form was required to be provided, the Contractor will provide updated workforce information using a second form, also to be furnished by the City. The second form will be submitted to the City Affirmative Action Division no later than one year after the date on which the first form was required to be provided.

The Contractor further agrees that, for at least twelve (12) months after the effective date of this contract, it will notify the City Affirmative Action Division of each of its job openings at facilities in Dane County for which applicants not already employees of the Contractor are to be considered. The notice will include a job description, classification, qualifications and application procedures and deadlines. The Contractor agrees to interview and consider candidates referred by the Affirmative Action Division if the candidate meets the minimum qualification standards established by the Contractor, and if the referral is timely. A referral is timely if it is received by the Contractor on or before the date started in the notice.

Articles of Agreement

Article I

The Contractor shall take affirmative action in accordance with the provisions of this contract to insure that applicants are employed, and that employees are treated during employment without regard to race, religion, color, age, marital status, disability, sex, sexual orientation, gender identity or national origin and that the employer shall provide harassment free work environment for the realization of the potential of each employee. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation and selection for training including apprenticeship insofar as it is within the control of the Contractor. The Contractor agrees to post in conspicuous places available to employees and applicants notices to be provided by the City setting out the provisions of the nondiscrimination clauses in this contract.

Article II

The Contractor shall in all solicitations or advertisements for employees placed by or on behalf of the Contractors state that all qualified or qualifiable applicants will be employed without regard to race, religion, color, age, marital status, disability, sex, sexual orientation, gender identity or national origin.

Article III

The Contractor shall send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding a notice to be provided by the City advising the labor union or worker's representative of the Contractor's equal employment opportunity and affirmative action commitments. Such notices shall be posted in conspicuous places available to employees and applicants for employment.

Article V

The Contractor agrees that it will comply with all provisions of the Affirmative Action Ordinance of the City of Madison, including the contract compliance requirements. The Contractor agrees to submit the model affirmative action plan for public works contractors in a form approved by the Affirmative Action Division Manager.

Article VI

The Contractor will maintain records as required by Section 39.02(9)(f) of the Madison General Ordinances and will provide the City Affirmative Action Division with access to such records and to persons who have relevant and necessary information, as provided in Section 39.02(9)(f). The City agrees to keep all such records confidential, except to the extent that public inspection is required by law.

Article VII

In the event of the Contractor's or subcontractor's failure to comply with the Equal Employment Opportunity and Affirmative Action Provisions of this contract or Section 39.03 and 39.02 of the Madison General Ordinances, it is agreed that the City at its option may do any or all of the following:

1. Cancel, terminate or suspend this Contract in whole or in part.
2. Declare the Contractor ineligible for further City contracts until the Affirmative Action requirements are met.

3. Recover on behalf of the City from the prime Contractor 0.5 percent of the contract award price for each week that such party fails or refuses to comply, in the nature of liquidated damages, but not to exceed a total of five percent (5%) of the contract price, or five thousand dollars (\$5,000), whichever is less. Under public works contracts, if a subcontractor is in noncompliance, the City may recover liquidated damages from the prime Contractor in the manner described above. The preceding sentence shall not be construed to prohibit a prime Contractor from recovering the amount of such damage from the non-complying subcontractor.

Article VIII

The Contractor shall include the above provisions of this contract in every subcontract so that such provisions will be binding upon each subcontractor. The Contractor shall take such action with respect to any subcontractor as necessary to enforce such provisions, including sanctions provided for noncompliance.

Article IX

The Contractor shall allow the maximum feasible opportunity to small business enterprises to compete for any subcontracts entered into pursuant to this contract. (In federally funded contracts the terms "DBE, MBE and WBE" shall be substituted for the term "small business" in this Article.)

CROSS OAK DRIVE, FORTUNATE PLACE, REDAN DRIVE AND
SILICON PRAIRIE PARKWAY ASSESSMENT DISTRICT - 2014
CONTRACT NO. 7224

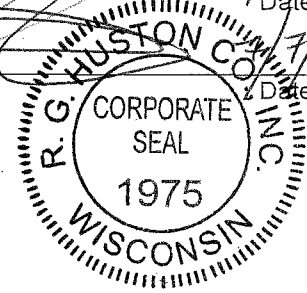
IN WITNESS WHEREOF, the Contractor has hereunto set his/her hand and seal and the City has caused these presents to be sealed with its corporate seal and to be subscribed by its Mayor and City Clerk the day and year first above written.

Countersigned:

R. G. HUSTON COMPANY, INC.

[Signature] 7/7/14
Witness Date
[Signature] 7/7/14
Witness Date

Company Name
[Signature] 7/7/14
President Date
[Signature] 7/7/14
Secretary Date



CITY OF MADISON, WISCONSIN

Provisions have been made to pay the liability that will accrue under this contract.

Approved as to form:

[Signature]
Finance Director

[Signature]
City Attorney

Signed this 22nd day of July, 2014

[Signature]
Witness

[Signature] 7/22/14
Mayor Date

[Signature]
Witness

[Signature] for 7/17/14
City Clerk Date

SECTION 1: PAYMENT AND PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS, that we R. G. HUSTON COMPANY, INC. as principal, and BERKLEY INSURANCE COMPANY Company of Des Moines, Iowa as surety, are held and firmly bound unto the City of Madison, Wisconsin, in the sum of ONE MILLION SIXTY-THREE THOUSAND FIVE HUNDRED FIVE AND 34/100 (\$1,063,505.34) Dollars, lawful money of the United States, for the payment of which sum to the City of Madison, we hereby bind ourselves and our respective executors and administrators firmly by these presents.

The condition of this Bond is such that if the above bounden shall on his/her part fully and faithfully perform all of the terms of the Contract entered into between him/herself and the City of Madison for the construction of:

CROSS OAK DRIVE, FORTUNATE PLACE, REDAN DRIVE AND
SILICON PRAIRIE PARKWAY ASSESSMENT DISTRICT - 2014
CONTRACT NO. 7224

in Madison, Wisconsin, and shall pay all claims for labor performed and material furnished in the prosecution of said work, and save the City harmless from all claims for damages because of negligence in the prosecution of said work, and shall save harmless the said City from all claims for compensation (under Chapter 102, Wisconsin Statutes) of employees and employees of subcontractor, then this Bond is to be void, otherwise of full force, virtue and effect.

Signed and sealed this 16th day of July, 2014

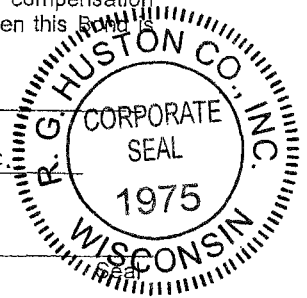
Countersigned:

Witness

Secretary

R. G. HUSTON COMPANY, INC.
Company Name (Principal)

President



Approved as to form:

City Attorney

BERKLEY INSURANCE COMPANY

Surety Seal

Salary Employee Commission

By

Attorney-in-Fact Dennis M. Barton

This certifies that I have been duly licensed as an agent for the above company in Wisconsin under License No. 125401 for the year 2014, and appointed as attorney-in-fact with authority to execute this payment and performance bond which power of attorney has not been revoked.

July 16, 2014

Date

Agent Signature

POWER OF ATTORNEY
BERKLEY INSURANCE COMPANY
WILMINGTON, DELAWARE

NOTICE: The warning found elsewhere in this Power of Attorney affects the validity thereof. Please review carefully.

KNOW ALL MEN BY THESE PRESENTS, that BERKLEY INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Delaware, having its principal office in Greenwich, CT, has made, constituted and appointed, and does by these presents make, constitute and appoint: *Joseph L. Vigna, Dennis M. Barton or Elizabeth M. Fedyn of Arthur J. Gallagher & Company of Wisconsin, Inc. of Brookfield, WI* its true and lawful Attorney-in-Fact, to sign its name as surety only as delineated below and to execute, seal, acknowledge and deliver any and all bonds and undertakings, with the exception of Financial Guaranty Insurance, providing that no single obligation shall exceed **Fifty Million and 00/100 U.S. Dollars (U.S.\$50,000,000.00)**, to the same extent as if such bonds had been duly executed and acknowledged by the regularly elected officers of the Company at its principal office in their own proper persons.

This Power of Attorney shall be construed and enforced in accordance with, and governed by, the laws of the State of Delaware, without giving effect to the principles of conflicts of laws thereof. This Power of Attorney is granted pursuant to the following resolutions which were duly and validly adopted at a meeting of the Board of Directors of the Company held on January 25, 2010:

RESOLVED, that, with respect to the Surety business written by Berkley Surety Group, the Chairman of the Board, Chief Executive Officer, President or any Vice President of the Company, in conjunction with the Secretary or any Assistant Secretary are hereby authorized to execute powers of attorney authorizing and qualifying the attorney-in-fact named therein to execute bonds, undertakings, recognizances, or other suretyship obligations on behalf of the Company, and to affix the corporate seal of the Company to powers of attorney executed pursuant hereto; and said officers may remove any such attorney-in-fact and revoke any power of attorney previously granted; and further

RESOLVED, that such power of attorney limits the acts of those named therein to the bonds, undertakings, recognizances, or other suretyship obligations specifically named therein, and they have no authority to bind the Company except in the manner and to the extent therein stated; and further

RESOLVED, that such power of attorney revokes all previous powers issued on behalf of the attorney-in-fact named; and further

RESOLVED, that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any power of attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligation of the Company; and such signature and seal when so used shall have the same force and effect as though manually affixed. The Company may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Company, notwithstanding the fact that they may have ceased to be such at the time when such instruments shall be issued.

IN WITNESS WHEREOF, the Company has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 10 day of May, 2013.

Attest:

Berkley Insurance Company

(Seal)

By

Ira S. Lederman
Senior Vice President & Secretary

By

Jeffrey M. Hafter
Senior Vice President

WARNING: THIS POWER INVALID IF NOT PRINTED ON BLUE "BERKLEY" SECURITY PAPER.

STATE OF CONNECTICUT)

) ss:

COUNTY OF FAIRFIELD)

Sworn to before me, a Notary Public in the State of Connecticut, this 10 day of May, 2013, by Ira S. Lederman and Jeffrey M. Hafter who are sworn to me to be the Senior Vice President and Secretary, and the Senior Vice President, respectively, of Berkley Insurance Company.

Kathleen Corey
Notary Public, State of Connecticut



CERTIFICATE

I, the undersigned, Assistant Secretary of BERKLEY INSURANCE COMPANY, DO HEREBY CERTIFY that the foregoing is a true, correct and complete copy of the original Power of Attorney; that said Power of Attorney has not been revoked or rescinded and that the authority of the Attorney-in-Fact set forth therein, who executed the bond or undertaking to which this Power of Attorney is attached, is in full force and effect as of this date.

Given under my hand and seal of the Company, this 16th day of July, 2014.

(Seal)

Andrew M. Tuma

WARNING - Any unauthorized reproduction or alteration of this document is prohibited. This power of attorney is void unless seals are readable and the certification seal at the bottom is embossed. The background imprint, warning and confirmation (on reverse) must be in blue ink.

Instructions for Inquiries and Notices Under the Bond Attached to This Power

Berkley Surety Group is the affiliated underwriting manager for the surety business of: Acadia Insurance Company, Berkley Insurance Company, Berkley Regional Insurance Company, Carolina Casualty Insurance Company, Union Standard Insurance Company, Continental Western Insurance Company, and Union Insurance Company.

To verify the authenticity of the bond, please call (866) 768-3534 or email BSGInquiry@berkleysurety.com

Any written notices, inquiries, claims or demands to the surety on the bond to which this Rider is attached should be directed to:

**Berkley Surety Group
412 Mount Kemble Avenue
Suite 310N
Morristown, NJ 07960
Attention: Surety Claims Department**

Or

email BSGClaim@berkleysurety.com

Please include with all notices the bond number and the name of the principal on the bond. Where a claim is being asserted, please set forth generally the basis of the claim. In the case of a payment or performance bond, please identify the project to which the bond pertains.

SECTION J: PREVAILING WAGE RATES

PREVAILING WAGE RATE DETERMINATION

Issued by the State of Wisconsin
Department of Workforce Development
Pursuant to s. 66.0903, Wis. Stats.
Issued On: 01/06/2014
Amended On: 02/28/2014

DETERMINATION NUMBER: 201400001

EXPIRATION DATE: Prime Contracts MUST Be Awarded or Negotiated On Or Before 12/31/2014. If NOT, You MUST Reapply.

PROJECT NAME: ALL PUBLIC WORKS PROJECTS UNDER SEC 66.0903, STATS - CITY OF MADISON

PROJECT LOCATION: MADISON CITY, DANE COUNTY, WI

CONTRACTING AGENCY: CITY OF MADISON-ENGINEERING

CLASSIFICATION:	Contractors are responsible for correctly classifying their workers. Either call the Department of Workforce Development (DWD) with trade or classification questions or consult DWD's Dictionary of Occupational Classifications & Work Descriptions on the DWD website at: dwd.wisconsin.gov/er/prevailing_wage_rate/Dictionary/dictionary_main.htm .
OVERTIME:	Time and one-half must be paid for all hours worked: <ul style="list-style-type: none">- over 10 hours per day on prevailing wage projects- over 40 hours per calendar week- Saturday and Sunday- on all of the following holidays: January 1; the last Monday in May; July 4; the 1st Monday in September; the 4th Thursday in November; December 25;- The day before if January 1, July 4 or December 25 falls on a Saturday;- The day following if January 1, July 4 or December 25 falls on a Sunday. Apply the time and one-half overtime calculation to whichever is higher between the Hourly Basic Rate listed on this project determination or the employee's regular hourly rate of pay. Add any applicable Premium or DOT Premium to the Hourly Basic Rate before calculating overtime. A DOT Premium (discussed below) may supersede this time and one-half requirement.
FUTURE INCREASE:	When a specific trade or occupation requires a future increase, you MUST add the full hourly increase to the "TOTAL" on the effective date(s) indicated for the specific trade or occupation.
PREMIUM PAY:	If indicated for a specific trade or occupation, the full amount of such pay MUST be added to the "HOURLY BASIC RATE OF PAY" indicated for such trade or occupation, whenever such pay is applicable.
DOT PREMIUM:	This premium only applies to highway and bridge projects owned by the Wisconsin Department of Transportation and to the project type heading "Airport Pavement or State Highway Construction." DO NOT apply the premium calculation under any other project type on this determination.
APPRENTICES:	Pay apprentices a percentage of the applicable journey person's hourly basic rate of pay and hourly fringe benefit contributions specified in this determination. Obtain the appropriate percentage from each apprentice's contract or indenture.
SUBJOURNEY:	Subjourney wage rates may be available for some of the trades or occupations indicated below with the exception of laborers, truck drivers and heavy equipment operators. Any employer interested in using a subjourney classification on this project MUST complete Form ERD-10880 and request the applicable wage rate from the Department of Workforce Development PRIOR to using the subjourney worker on this project.

This document **MUST BE POSTED** by the **CONTRACTING AGENCY** in at least one conspicuous and easily accessible place **on the site of the project**. A local governmental unit may post this document at the place normally used to post public notices if there is no common site on the project. This document **MUST** remain posted during the entire time any worker is employed on the project and **MUST** be physically incorporated into the specifications and all contracts and subcontracts. If you have any questions, please write to the Equal Rights Division, Labor Standards Bureau, P.O. Box 8928, Madison, Wisconsin 53708 or call (608) 266-6861.

The following statutory provisions apply to local governmental unit projects of public works and are set forth below pursuant to the requirements of s. 66.0903(8), Stats.

s. 66.0903 (1) (f) & s. 103.49 (1) (c) "PREVAILING HOURS OF LABOR" for any trade or occupation in any area means 10 hours per day and 40 hours per week and may not include any hours worked on a Saturday or Sunday or on any of the following holidays:

1. January 1.
2. The last Monday in May.
3. July 4.
4. The first Monday in September.
5. The 4th Thursday in November.
6. December 25.
7. The day before if January 1, July 4 or December 25 falls on a Saturday.
8. The day following if January 1, July 4 or December 25 falls on a Sunday.

s. 66.0903 (10) RECORDS; INSPECTION; ENFORCEMENT.

(a) Each contractor, subcontractor, or contractor's or subcontractor's agent performing work on a project of public works that is subject to this section shall keep full and accurate records clearly indicating the name and trade or occupation of every person performing the work described in sub. (4) and an accurate record of the number of hours worked by each of those persons and the actual wages paid for the hours worked.

s. 66.0903 (11) LIABILITY AND PENALTIES.

- (a) 1. Any contractor, subcontractor, or contractor's or subcontractor's agent who fails to pay the prevailing wage rate determined by the department under sub. (3) or who pays less than 1.5 times the hourly basic rate of pay for all hours worked in excess of the prevailing hours of labor is liable to any affected employee in the amount of his or her unpaid wages or his or her unpaid overtime compensation and in an additional amount as liquidated damages as provided under subd. 2., 3., whichever is applicable.
2. If the department determines upon inspection under sub. (10) (b) or (c) that a contractor, subcontractor, or contractor's or subcontractor's agent has failed to pay the prevailing wage rate determined by the department under sub. (3) or has paid less than 1.5 times the hourly basic rate of pay for all hours worked in excess of the prevailing hours of labor, the department shall order the contractor to pay to any affected employee the amount of his or her unpaid wages or his or her unpaid overtime compensation and an additional amount equal to 100 percent of the amount of those unpaid wages or that unpaid overtime compensation as liquidated damages within a period specified by the department in the order.
3. In addition to or in lieu of recovering the liability specified in subd. 1. as provided in subd. 2., any employee for and in behalf of that employee and other employees similarly situated may commence an action to recover that liability in any court of competent jurisdiction. If the court finds that a contractor, subcontractor, or contractor's or subcontractor's agent has failed to pay the prevailing wage rate determined by the department under sub. (3) or has paid less than 1.5 times the hourly basic rate of pay for all hours worked in excess of the prevailing hours of labor, the court shall order the contractor, subcontractor, or agent to pay to any affected employee the amount of his or her unpaid wages or his or her unpaid overtime compensation and an additional amount equal to 100 percent of the amount of those unpaid wages or that unpaid overtime compensation as liquidated damages.
5. No employee may be a party plaintiff to an action under subd. 3. unless the employee consents in writing to become a party and the consent is filed in the court in which the action is brought. Notwithstanding s. 814.04 (1), the court shall, in addition to any judgment awarded to the plaintiff, allow reasonable attorney fees and costs to be paid by the defendant.

BUILDING OR HEAVY CONSTRUCTION

Includes sheltered enclosures with walk-in access for the purpose of housing persons, employees, machinery, equipment or supplies and non-sheltered work such as canals, dams, dikes, reservoirs, storage tanks, etc. A sheltered enclosure need not be "habitable" in order to be considered a building. The installation of machinery and/or equipment, both above and below grade level, does not change a project's character as a building. On-site grading, utility work and landscaping are included within this definition. Residential buildings of four (4) stories or less, agricultural buildings, parking lots and driveways are NOT included within this definition.

SKILLED TRADES

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
101	Acoustic Ceiling Tile Installer	30.48	15.90	46.38
102	Boilermaker Future Increase(s): Add \$1.50/hr on 1/01/2015; Add \$1.50/hr. on 01/01/2016	32.05	28.04	60.09
103	Bricklayer, Blocklayer or Stonemason Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	32.01	17.35	49.36
104	Cabinet Installer	30.48	15.90	46.38
105	Carpenter	30.48	15.90	46.38
106	Carpet Layer or Soft Floor Coverer	30.48	15.90	46.38
107	Cement Finisher	31.58	16.13	47.71
108	Drywall Taper or Finisher	24.80	16.60	41.40
109	Electrician Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	34.07	19.25	53.32
110	Elevator Constructor	42.86	23.84	66.70
111	Fence Erector	24.72	0.00	24.72
112	Fire Sprinkler Fitter	36.07	18.73	54.80
113	Glazier	38.03	13.42	51.45
114	Heat or Frost Insulator	33.68	24.31	57.99
115	Insulator (Batt or Blown)	15.00	9.50	24.50
116	Ironworker	31.25	19.46	50.71
117	Lather	30.48	15.90	46.38

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
118	Line Constructor (Electrical)	38.25	17.31	55.56
119	Marble Finisher	26.89	19.18	46.07
120	Marble Mason	32.01	17.35	49.36
121	Metal Building Erector	22.00	10.00	32.00
122	Millwright	32.11	15.95	48.06
123	Overhead Door Installer	20.95	4.94	25.89
124	Painter	24.50	16.60	41.10
125	Pavement Marking Operator	30.00	0.00	30.00
126	Piledriver	30.98	15.90	46.88
127	Pipeline Fuser or Welder (Gas or Utility)	30.79	19.74	50.53
129	Plasterer	31.03	17.71	48.74
130	Plumber Future Increase(s): Add \$1/hr on 6/1/2014.	36.42	16.87	53.29
132	Refrigeration Mechanic	41.60	16.71	58.31
133	Roofer or Waterproofer	29.40	6.25	35.65
134	Sheet Metal Worker	34.45	22.57	57.02
135	Steamfitter Future Increase(s): Add \$1.70/hr on 6/1/2014.	42.95	17.81	60.76
137	Teledata Technician or Installer Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	22.25	12.24	34.49
138	Temperature Control Installer	32.94	18.80	51.74
139	Terrazzo Finisher	26.89	19.18	46.07
140	Terrazzo Mechanic	30.20	18.42	48.62
141	Tile Finisher	23.85	17.18	41.03
142	Tile Setter	29.81	17.18	46.99
143	Tuckpointer, Caulker or Cleaner	35.25	13.15	48.40
144	Underwater Diver (Except on Great Lakes)	34.48	15.90	50.38
146	Well Driller or Pump Installer	25.32	15.65	40.97
147	Siding Installer	25.92	18.04	43.96

Fringe Benefits Must Be Paid On All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	29.16	14.34	43.50
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	30.60	14.86	45.46
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	26.78	13.63	40.41
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	24.86	12.97	37.83
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	12.70	34.45

TRUCK DRIVERS

Fringe Benefits Must Be Paid On All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
201	Single Axle or Two Axle	32.39	18.46	50.85
203	Three or More Axle	18.00	22.88	40.88
204	Articulated, Euclid, Dumptor, Off Road Material Hauler	32.89	18.96	51.85
205	Pavement Marking Vehicle	18.00	22.88	40.88
207	Truck Mechanic	18.00	22.88	40.88

LABORERS

Fringe Benefits Must Be Paid On All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
301	General Laborer Premium Increase(s): Add \$1.00/hr for certified welder; Add \$.25/hr for mason tender	24.21	14.63	38.84
302	Asbestos Abatement Worker	24.36	14.44	38.80
303	Landscaper	21.01	9.37	30.38
310	Gas or Utility Pipeline Laborer (Other Than Sewer and Water)	21.01	13.63	34.64
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased) Premium Increase(s): DOT PREMIUMS: Pay two times the hourly basic rate on New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	18.33	13.65	31.98
314	Railroad Track Laborer	23.46	3.30	26.76
315	Final Construction Clean-Up Worker	16.00	0.00	16.00

**HEAVY EQUIPMENT OPERATORS
SITE PREPARATION, UTILITY OR LANDSCAPING WORK ONLY**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked				
CODE	TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
		\$	\$	\$
501	Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Asphalt Milling Machine; Boring Machine (Directional, Horizontal or Vertical); Backhoe (Track Type) Having a Mfgr's Rated Capacity of 130,000 Lbs. or Over; Backhoe (Track Type) Having a Mfgr's Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bulldozer or Endloader (Over 40 hp); Compactor (Self-Propelled 85 Ft Total Drum Width & Over, or Tractor Mounted, Towed & Light Equipment); Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Crane, Shovel, Dragline, Clamshells; Forklift (Machinery Moving or Steel Erection, 25 Ft & Over); Gradall (Cruz-Aire Type); Grader or Motor Patrol; Master Mechanic; Mechanic or Welder; Robotic Tool Carrier (With or Without Attachments); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Tractor (Scraper, Dozer, Pusher, Loader); Trencher (Wheel Type or Chain Type Having Over 8 Inch Bucket).	33.42	18.96	52.38
502	Backfiller; Broom or Sweeper; Bulldozer or Endloader (Under 40 hp); Environmental Burner; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Jeep Digger; Screed (Milling Machine); Skid Rig; Straddle Carrier or Travel Lift; Stump Chipper; Trencher (Wheel Type or Chain Type Having 8 Inch Bucket & Under).	32.89	18.96	51.85
503	Air Compressor (&/or 400 CFM or Over); Augers (Vertical & Horizontal); Compactor (Self-Propelled 84 Ft Total Drum Width & Under, or Tractor Mounted, Towed & Light Equipment); Crusher, Screening or Wash Plant; Farm or Industrial Type Tractor; Forklift; Generator (&/or 150 KW or Over); Greaser; High Pressure Utility Locating Machine (Daylighting Machine); Mulcher; Oiler; Post Hole Digger or Driver; Pump (3 Inch or Over) or Well Points; Refrigeration Plant or Freeze Machine; Rock, Stone Breaker; Skid Steer Loader (With or Without Attachments); Vibratory Hammer or Extractor, Power Pack.	30.82	18.96	49.78
504	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	38.80	20.17	58.97
505	Work Performed on the Great Lakes Including Crane or Backhoe Operator; Assistant Hydraulic Dredge Engineer; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder; 70 Ton & Over Tug Operator. Premium Increase(s): Add \$.50/hr for Friction Crane, Lattice Boom or Crane Certification (CCO).	41.65	21.71	63.36
506	Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or More); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery.	37.10	21.57	58.67

507	Work Performed on the Great Lakes Including Deck Equipment Operator, Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under); Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks - Great Lakes ONLY.	34.50	20.04	54.54
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**HEAVY EQUIPMENT OPERATORS
EXCLUDING SITE PREPARATION, UTILITY, PAVING LANDSCAPING WORK**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
508	Boring Machine (Directional); Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity of Over 4,000 Lbs., Crane With Boom Dollies; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Master Mechanic. Premium Increase(s): Add \$.50/hr for >200 Ton / Add \$1/hr at 300 Ton / Add \$1.50/hr at 400 Ton / Add \$2/hr at 500 Ton & Over.	35.62	18.96	54.58
509	Backhoe (Track Type) Having a Mfgr's Rated Capacity of 130,000 Lbs. or Over; Boring Machine (Horizontal or Vertical); Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With A Lifting Capacity Of 4,000 Lbs. & Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Pile Driver; Versi Lifts, Tri-Lifts & Gantrys (20,000 Lbs. & Over).	36.35	6.95	43.30
510	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump (Over 46 Meter), Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Dredge (NOT Performing Work on the Great Lakes); Forklift (Machinery Moving or Steel Erection, 25 Ft & Over); Gradall (Cruz-Aire Type); Hydro-Blaster (10,000 PSI or Over); Milling Machine; Skid Rig; Traveling Crane (Bridge Type).	33.42	18.96	52.38
511	Air, Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Bulldozer or Endloader (Over 40 hp); Compactor (Self-Propelled 85 Ft Total Drum Width & Over, or Tractor Mounted, Towed & Light Equipment); Concrete Pump (46 Meter & Under), Concrete Conveyor (Rotec or Bidwell Type); Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Environmental Burner; Gantrys (Under 20,000 Lbs.); Grader or Motor Patrol; High Pressure Utility Locating Machine (Daylighting Machine); Manhoist; Material or Stack Hoist; Mechanic or Welder; Railroad Track Rail Leveling Machine, Tie Placer, Extractor, Tamper, Stone Leveler or Rehabilitation Equipment; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yd or More Capacity; Screed (Milling Machine); Sideboom; Straddle Carrier or Travel Lift; Tining or Curing Machine; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Trencher (Wheel Type or Chain Type Having Over 8-Inch Bucket).	32.89	18.96	51.85

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
512	Backfiller; Broom or Sweeper; Bulldozer or Endloader (Under 40 hp); Compactor (Self-Propelled 84 Ft Total Drum Width & Under, or Tractor Mounted, Towed & Light Equipment); Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Conveyor System; Concrete Finishing Machine (Road Type); Fireman (Pile Driver & Derrick NOT Performing Work on the Great Lakes); Grout Pump; Hoist (Tugger, Automatic); Industrial Locomotives; Jeep Digger; Lift Slab Machine; Mulcher; Roller (Rubber Tire, 5 Ton or Under); Screw or Gypsum Pumps; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Stump Chipper; Trencher (Wheel Type or Chain Type Having 8-Inch Bucket & Under); Winches & A-Frames.	30.82	18.96	49.78
513	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Boatmen (NOT Performing Work on the Great Lakes); Boiler (Temporary Heat); Crusher, Screening or Wash Plant; Elevator; Farm or Industrial Type Tractor; Fireman (Asphalt Plant NOT Performing Work on the Great Lakes); Forklift; Generator (&/or 150 KW or Over); Greaser; Heaters (Mechanical); Loading Machine (Conveyor); Oiler; Post Hole Digger or Driver; Prestress Machine; Pump (3 Inch or Over) or Well Points; Refrigeration Plant or Freeze Machine; Robotic Tool Carrier (With or Without Attachments); Rock, Stone Breaker; Skid Steer Loader (With or Without Attachments); Vibratory Hammer or Extractor, Power Pack.	24.19	17.89	42.08
514	Gas or Utility Pipeline, Except Sewer & Water (Primary Equipment).	36.34	21.14	57.48
515	Gas or Utility Pipeline, Except Sewer & Water (Secondary Equipment). Future Increase(s): Add \$1.60/hr on 06/01/2014; Add \$1.65/hr on 06/01/2015.	32.32	18.55	50.87
516	Fiber Optic Cable Equipment Future Increase(s): Add \$1.75/hr on 02/01/2014.	27.89	17.20	45.09

SEWER, WATER OR TUNNEL CONSTRUCTION

Includes those projects that primarily involve public sewer or water distribution, transmission or collection systems and related tunnel work (excluding buildings).

SKILLED TRADES

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
103	Bricklayer, Blocklayer or Stonemason Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	35.10	18.40	53.50
105	Carpenter Future Increase(s): Add \$1.25/hr on 6/2/2014. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	33.68	19.81	53.49
107	Cement Finisher Future Increase(s): Add \$1.87 on 6/1/14; Add \$1.87 on 6/1/15; Add \$1.75 on 6/1/16. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.40/hr when the Wisconsin Department of Transportation or responsible governing agency requires that work be performed at night under artificial illumination with traffic control and the work is completed after sunset and before sunrise.	33.51	16.13	49.64
109	Electrician Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	32.82	22.61	55.43
111	Fence Erector	24.72	0.00	24.72
116	Ironworker	31.25	19.46	50.71
118	Line Constructor (Electrical)	38.25	17.31	55.56
125	Pavement Marking Operator	16.00	7.35	23.35
126	Piledriver	30.98	15.90	46.88
130	Plumber	33.75	14.07	47.82
135	Steamfitter	42.45	16.71	59.16
137	Teledata Technician or Installer	21.89	11.85	33.74

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
143	Tuckpointer, Caulker or Cleaner	35.25	13.15	48.40
144	Underwater Diver (Except on Great Lakes)	38.80	20.17	58.97
146	Well Driller or Pump Installer	25.32	15.65	40.97
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	29.16	14.34	43.50
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	30.60	14.86	45.46
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	26.78	13.63	40.41
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	24.86	12.97	37.83
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	12.70	34.45

TRUCK DRIVERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
201	Single Axle or Two Axle	30.00	15.00	45.00
203	Three or More Axle	16.00	7.35	23.35
204	Articulated, Euclid, Dumptor, Off Road Material Hauler	32.89	18.96	51.85
205	Pavement Marking Vehicle	16.00	7.35	23.35
207	Truck Mechanic	16.00	7.35	23.35

LABORERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
301	General Laborer Premium Increase(s): Add \$.20 for blaster, bracer, manhole builder, caulker, bottomman and power tool; Add \$.55 for pipelayer; Add \$1.00 for tunnel work 0-15 lbs. compressed air; Add \$2.00 for over 15-30 lbs. compressed air; Add \$3.00 for over 30 lbs. compressed air.	25.60	14.62	40.22
303	Landscaper	25.28	11.46	36.74
304	Flagperson or Traffic Control Person	24.70	10.72	35.42
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	18.31	12.67	30.98
314	Railroad Track Laborer	23.46	3.30	26.76

**HEAVY EQUIPMENT OPERATORS
SEWER, WATER OR TUNNEL WORK**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked				
CODE	TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
		\$	\$	\$
521	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons; Self-Erecting Tower Crane With a Lifting Capacity Of Over 4,000 Lbs., Crane With Boom Dollies; Master Mechanic; Pile Driver. Premium Increase(s): Add \$.25/hr for all >45 Ton lifting capacity cranes	34.62	18.96	53.58
522	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Boring Machine (Directional); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump (Over 46 Meter), Concrete Conveyor (Rotec or Bidwell Type); Concrete Spreader & Distributor; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With a Lifting Capacity of 4,000 Lbs. & Under; Dredge (NOT Performing Work on the Great Lakes); Milling Machine; Skid Rig; Telehandler; Traveling Crane (Bridge Type).	33.42	18.96	52.38
523	Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Boring Machine (Horizontal or Vertical); Bulldozer or Endloader (Over 40 hp); Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Concrete Pump (46 Meter & Under), Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Hydro-Blaster (10,000 PSI or Over); Manhoist; Material or Stack Hoist; Mechanic or Welder; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yd or More Capacity; Screed (Milling Machine); Sideboom; Straddle Carrier or Travel Lift; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Trencher (Wheel Type or Chain Type Having Over 8-Inch Bucket).	32.89	18.96	51.85

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
524	Backfiller; Broom or Sweeper; Bulldozer or Endloader (Under 40 hp); Compactor (Self-Propelled 85 Ft Total Drum Width & Over, or Tractor Mounted, Towed & Light Equipment); Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Conveyor System; Concrete Finishing Machine (Road Type); Environmental Burner; Fireman (Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Hoist (Tugger, Automatic); Grout Pump; Jeep Digger; Lift Slab Machine; Mulcher; Power Subgrader; Pump (3 Inch or Over) or Well Points; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Screw or Gypsum Pumps; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Stump Chipper; Tining or Curing Machine; Trencher (Wheel Type or Chain Type Having 8-Inch Bucket & Under); Winches & A-Frames. Future Increase(s): Add \$1.05/hr on 6/2/2014; Add \$1.55/hr on 6/1/2015. Premium Increase(s): Add \$.25/hr for operating tower crane.	35.11	19.45	54.56
525	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Compactor (Self-Propelled 84 Ft Total Drum Width & Under, or Tractor Mounted, Towed & Light Equipment); Crusher, Screening or Wash Plant; Farm or Industrial Type Tractor; Fireman (Asphalt Plant NOT Performing Work on the Great Lakes); Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Loading Machine (Conveyor); Post Hole Digger or Driver; Refrigeration Plant or Freeze Machine; Rock, Stone Breaker; Skid Steer Loader (With or Without Attachments); Vibratory Hammer or Extractor, Power Pack.	30.19	20.94	51.13
526	Boiler (Temporary Heat); Forklift; Greaser; Oiler.	24.19	17.89	42.08
527	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	38.80	20.17	58.97
528	Work Performed on the Great Lakes Including 70 Ton & Over Tug Operator; Assistant Hydraulic Dredge Engineer; Crane or Backhoe Operator; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder.	38.80	20.17	58.97
529	Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or More); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery.	34.50	20.04	54.54
530	Work Performed on the Great Lakes Including Deck Equipment Operator; Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under), Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks - Great Lakes ONLY.	34.50	20.04	54.54

AIRPORT PAVEMENT OR STATE HIGHWAY CONSTRUCTION

Includes all airport projects (excluding buildings) and all projects awarded by the Wisconsin Department of Transportation (excluding buildings).

SKILLED TRADES

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u>	<u>HOURLY FRINGE BENEFITS</u>	<u>TOTAL</u>
		\$	\$	\$
103	Bricklayer, Blocklayer or Stonemason	32.01	17.35	49.36
105	Carpenter	30.48	15.90	46.38
107	Cement Finisher Future Increase(s): Add \$1.87 on 6/1/14; Add \$1.87 on 6/1/15; Add \$1.75 on 6/1/16. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.40/hr when the Wisconsin Department of Transportation or responsible governing agency requires that work be performed at night under artificial illumination with traffic control and the work is completed after sunset and before sunrise.	33.51	16.13	49.64
109	Electrician Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	34.07	19.25	53.32
111	Fence Erector	24.72	0.00	24.72
116	Ironworker	31.25	19.46	50.71
118	Line Constructor (Electrical)	38.25	17.31	55.56
124	Painter	21.87	11.37	33.24
125	Pavement Marking Operator	30.00	0.00	30.00
126	Piledriver	30.98	15.90	46.88
133	Rofer or Waterproofer	29.40	6.25	35.65
137	Teledata Technician or Installer	21.89	11.85	33.74
143	Tuckpointer, Caulker or Cleaner	35.25	13.15	48.40
144	Underwater Diver (Except on Great Lakes)	34.48	15.90	50.38
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	34.43	15.24	49.67
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	35.50	15.89	51.39

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked				
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	26.78	13.63	40.41
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	24.86	12.97	37.83
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	12.70	34.45

TRUCK DRIVERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked				
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
201	Single Axle or Two Axle	34.22	19.90	54.12
203	Three or More Axle Future Increase(s): Add \$1.30/hr on 6/1/2014. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	24.52	17.77	42.29
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add \$1.75/hr on 6/1/14); Add \$1.25/hr on 6/1/15); Add \$1.30/hr on 6/1/16); Add \$1.25/hr on 6/1/17. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm .	29.27	20.40	49.67
205	Pavement Marking Vehicle	23.31	17.13	40.44
206	Shadow or Pilot Vehicle	34.22	19.90	54.12
207	Truck Mechanic	23.31	17.13	40.44

LABORERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
301	General Laborer Future Increase(s): Add \$1.60/hr on 6/1/2014. Premium Increase(s): Add \$.10/hr for topman, air tool operator, vibrator or tamper operator (mechanical hand operated), chain saw operator and demolition burning torch laborer; Add \$.15/hr for bituminous worker (raker and luteman), formsetter (curb, sidewalk and pavement) and strike off man; Add \$.20/hr for blaster and powderman; Add \$.25/hr for bottomman; Add \$.35/hr for line and grade specialist; Add \$.45/hr for pipelayer. / DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.25/hr for work on projects involving temporary traffic control setup, for lane and shoulder closures, when work under artificial illumination conditions is necessary as required by the project provisions (including prep time prior to and/or cleanup after such time period).	29.32	14.63	43.95
302	Asbestos Abatement Worker	24.36	14.44	38.80
303	Landscaper Future Increase(s): Add \$1.60/hr on 6/1/14. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.25/hr for work on projects involving temporary traffic control setup, for lane and shoulder closures, when work under artificial illumination conditions is necessary as required by the project provisions (including prep time prior to and/or cleanup after such time period).	29.32	14.63	43.95
304	Flagperson or Traffic Control Person Future Increase(s): Add \$1.60/hr on 6/1/2014. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.25/hr when the Wisconsin Department of Transportation or responsible governing agency requires that work be performed at night under artificial illumination with traffic control and the work is completed after sunset and before sunrise.	25.67	14.63	40.30
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	18.31	12.67	30.98
314	Railroad Track Laborer	23.46	3.30	26.76

**HEAVY EQUIPMENT OPERATORS
AIRPORT PAVEMENT OR STATE HIGHWAY CONSTRUCTION**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked				
CODE	TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
		\$	\$	\$
531	Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity Of Over 4,000 Lbs., Crane With Boom Dollies; Traveling Crane (Bridge Type). Future Increase(s): Add \$1.75/hr on 6/1/2014); Add \$1.25/hr on 6/1/2015); Add \$1.30/hr on 6/1/2016); Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm .	36.72	20.40	57.12
532	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With A Lifting Capacity Of 4,000 Lbs., & Under; Dredge (NOT Performing Work on the Great Lakes); Licensed Boat Pilot (NOT Performing Work on the Great Lakes); Pile Driver. Future Increase(s): Add \$1.75/hr on 6/1/2014); Add \$1.25/hr on 6/1/2015); Add \$1.30/hr on 6/1/2016); Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm .	36.22	20.40	56.62

Fringe Benefits Must Be Paid On All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
533	<p>Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Asphalt Heater, Planer & Scarifier; Asphalt Milling Machine; Asphalt Screed; Automatic Subgrader (Concrete); Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bituminous (Asphalt) Plant & Paver, Screed; Boatmen (NOT Performing Work on the Great Lakes); Boring Machine (Directional, Horizontal or Vertical); Bridge (Bidwell) Paver; Bulldozer or Endloader; Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Grout Pump; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver, Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Straddle Carrier or Travel Lift; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches & A-Frames.</p> <p>Future Increase(s): Add \$1.75/hr on 6/1/2014); Add \$1.25/hr on 6/1/2015); Add \$1.30/hr on 6/1/2016); Add \$1.25/hr on 6/1/2017.</p> <p>Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/busines/civilrights/laborwages/pwc.htm.</p>	35.72	20.40	56.12

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
534	Belting, Burlap, Texturing Machine; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Asphalt Plant, Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Hoist (Tugger, Automatic); Jeep Digger; Joint Sawyer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Self Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler; Tining or Curing Machine. Future Increase(s): Add \$1.75/hr on 6/1/2014); Add \$1.25/hr on 6/1/2015); Add \$1.30/hr on 6/1/2016); Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/busines/civilrights/laborwages/pwc.htm .	35.46	20.40	55.86
535	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Automatic Belt Conveyor & Surge Bin; Boiler (Temporary Heat); Concrete Proportioning Plant; Crusher, Screening or Wash Plant; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add \$1.75/hr on 6/1/2014); Add \$1.25/hr on 6/1/2015); Add \$1.30/hr on 6/1/2016); Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/busines/civilrights/laborwages/pwc.htm .	35.17	20.40	55.57
536	Fiber Optic Cable Equipment.	26.69	16.65	43.34
537	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	38.80	20.17	58.97
538	Work Performed on the Great Lakes Including 70 Ton & Over Tug Operator; Assistant Hydraulic Dredge Engineer; Crane or Backhoe Operator; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder.	38.80	20.17	58.97

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
539	Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or More); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery.	34.50	20.04	54.54
540	Work Performed on the Great Lakes Including Deck Equipment Operator, Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under); Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks-Great Lakes ONLY.	34.50	20.04	54.54

LOCAL STREET OR MISCELLANEOUS PAVING CONSTRUCTION

Includes roads, streets, alleys, trails, bridges, paths, racetracks, parking lots and driveways (except residential or agricultural), public sidewalks or other similar projects (excluding projects awarded by the Wisconsin Department of Transportation).

SKILLED TRADES

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	\$	\$	\$
103	Bricklayer, Blocklayer or Stonemason	32.01	17.35	49.36
105	Carpenter	32.93	19.93	52.86
107	Cement Finisher	31.48	15.68	47.16
109	Electrician	31.27	22.81	54.08
111	Fence Erector	24.72	0.00	24.72
116	Ironworker	31.25	19.46	50.71
118	Line Constructor (Electrical)	38.25	17.31	55.56
124	Painter	24.50	16.60	41.10
125	Pavement Marking Operator	30.00	0.00	30.00
126	Piledriver	30.98	15.90	46.88
133	Rofer or Waterproofer	29.40	6.25	35.65
137	Teledata Technician or Installer	21.89	11.85	33.74
143	Tuckpointer, Caulker or Cleaner	35.25	13.15	48.40
144	Underwater Diver (Except on Great Lakes)	38.80	20.17	58.97
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	34.43	15.24	49.67
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	30.60	14.86	45.46
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	26.78	13.63	40.41
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	24.86	12.97	37.83
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	12.70	34.45

TRUCK DRIVERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	\$	\$	\$
201	Single Axle or Two Axle	30.00	15.00	45.00

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
203	Three or More Axle	17.00	0.00	17.00
204	Articulated, Euclid, Dumptor, Off Road Material Hauler	32.89	18.96	51.85
205	Pavement Marking Vehicle	17.00	0.00	17.00
206	Shadow or Pilot Vehicle	30.00	15.00	45.00
207	Truck Mechanic	17.00	0.00	17.00

LABORERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
301	General Laborer	28.07	13.25	41.32
303	Landscaper Future Increase(s): Add \$1.60/hr on 6/1/14. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.25/hr for work on projects involving temporary traffic control setup, for lane and shoulder closures, when work under artificial illumination conditions is necessary as required by the project provisions (including prep time prior to and/or cleanup after such time period).	29.04	14.63	43.67
304	Flagperson or Traffic Control Person	24.70	10.72	35.42
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	18.31	12.67	30.98
314	Railroad Track Laborer	23.46	3.30	26.76

**HEAVY EQUIPMENT OPERATORS
CONCRETE PAVEMENT OR BRIDGE WORK**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
541	Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity Of Over 4,000 Lbs., Crane With Boom Dollies; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Master Mechanic. Future Increase(s): Add \$1.75/hr on 6/1/2014); Add \$1.25/hr on 6/1/2015); Add \$1.30/hr on 6/1/2016); Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm .	36.72	20.40	57.12
542	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With a Lifting Capacity of 4,000 Lbs. & Under; Crane, Tower Crane Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Dredge (NOT Performing Work on the Great Lakes); Licensed Boat Pilot (NOT Performing Work on the Great Lakes); Pile Driver. Future Increase(s): Add \$1.75/hr on 6/1/2014); Add \$1.25/hr on 6/1/2015); Add \$1.30/hr on 6/1/2016); Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm .	36.22	20.40	56.62

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
543	<p>Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Automatic Subgrader (Concrete); Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Boring Machine (Directional, Horizontal or Vertical); Bridge (Bidwell) Paver; Bulldozer or Endloader; Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Grout Pump; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Manhoist; Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver; Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Straddle Carrier or Travel Lift; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches & A-Frames.</p> <p>Future Increase(s): Add \$1.75/hr on 6/1/2014); Add \$1.25/hr on 6/1/2015); Add \$1.30/hr on 6/1/2016); Add \$1.25/hr on 6/1/2017.</p> <p>Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/busines/civilrights/laborwages/pwc.htm.</p>	35.72	20.40	56.12
544	<p>Backfiller; Belting, Burlap, Texturing Machine; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Jeep Digger; Joint Sawyer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Self Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler; Tining or Curing Machine.</p>	33.96	19.79	53.75
545	<p>Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Automatic Belt Conveyor & Surge Bin; Boiler (Temporary Heat); Concrete Proportioning Plant; Crusher, Screening or Wash Plant; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack.</p>	30.32	18.46	48.78
546	Fiber Optic Cable Equipment.	26.69	16.65	43.34

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked				
CODE	TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
		\$	\$	\$
547	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	38.80	20.17	58.97
548	Work Performed on the Great Lakes Including 70 Ton & Over Tug Operator; Assistant Hydraulic Dredge Engineer; Crane or Backhoe Operator; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder.	38.80	20.17	58.97
549	Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or more); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery.	34.50	20.04	54.54
550	Work Performed on the Great Lakes Including Deck Equipment Operator; Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under); Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks - Great Lakes ONLY.	34.50	20.04	54.54

**HEAVY EQUIPMENT OPERATORS
ASPHALT PAVEMENT OR OTHER WORK**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked				
CODE	TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
		\$	\$	\$
551	Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self Erecting Tower Crane With a Lifting Capacity of Over 4,000 Lbs., Crane With Boom Dollies; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads and/or Jib Lengths Measuring 176 Ft or Over; Master Mechanic.	35.12	18.46	53.58
552	Backhoe (Track Type) Having a Mfg.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With a Lifting Capacity Of 4,000 Lbs. & Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Dredge (NOT Performing Work on the Great Lakes); Licensed Boat Pilot (NOT Performing Work on the Great Lakes); Pile Driver. Future Increase(s): Add \$1.75/hr on 6/1/2014); Add \$1.25/hr on 6/1/2015); Add \$1.30/hr on 6/1/2016); Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm .	36.22	20.40	56.62

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
553	Air, Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Asphalt Heater, Planer & Scarifier; Asphalt Milling Machine; Asphalt Screed; Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bituminous (Asphalt) Plant & Paver, Screed; Boring Machine (Directional, Horizontal or Vertical); Bulldozer or Endloader; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Conveyor System; Concrete Laser/Screed; Concrete Slipform Placer Curb & Gutter Machine; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Manhoist; Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver; Railroad Track Rail Leveling Machine, Tie Placer, Extractor, Tamper, Stone Leveler or Rehabilitation Equipment; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches & A-Frames.	32.89	18.96	51.85
554	Backfiller; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Asphalt Plant, Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Hoist (Tugger, Automatic); Jeep Digger; Joint Sawyer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Self-Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler.	33.67	19.48	53.15
555	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Automatic Belt Conveyor & Surge Bin; Boiler (Temporary Heat); Crusher, Screening or Wash Plant; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add \$1.75/hr on 6/1/2014); Add \$1.25/hr on 6/1/2015); Add \$1.30/hr on 6/1/2016); Add \$1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm .	35.17	20.40	55.57
556	Fiber Optic Cable Equipment.	26.69	16.65	43.34

RESIDENTIAL OR AGRICULTURAL CONSTRUCTION

Includes single family houses or apartment buildings of no more than four (4) stories in height and all buildings, structures or facilities that are primarily used for agricultural or farming purposes, excluding commercial buildings. For classification purposes, the exterior height of a residential building, in terms of stories, is the primary consideration. All incidental items such as site work, driveways, parking lots, private sidewalks, private septic systems or sewer and water laterals connected to a public system and swimming pools are included within this definition. Residential buildings of five (5) stories and above are NOT included within this definition.

SKILLED TRADES

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
	Fringe Benefits Must Be Paid On <u>All</u> Hours Worked			
101	Acoustic Ceiling Tile Installer Future Increase(s): Add \$1.25/hr on 6/2/2014.	33.68	19.81	53.49
102	Boilermaker	26.00	4.73	30.73
103	Bricklayer, Blocklayer or Stonemason	32.01	13.26	45.27
104	Cabinet Installer	22.00	1.05	23.05
105	Carpenter	30.48	3.24	33.72
106	Carpet Layer or Soft Floor Coverer	23.68	3.20	26.88
107	Cement Finisher	20.93	5.94	26.87
108	Drywall Taper or Finisher	22.50	0.88	23.38
109	Electrician	27.50	7.47	34.97
110	Elevator Constructor	42.86	23.84	66.70
111	Fence Erector	18.52	4.89	23.41
112	Fire Sprinkler Fitter	52.82	5.54	58.36
113	Glazier	38.03	13.42	51.45
114	Heat or Frost Insulator	30.00	0.00	30.00
115	Insulator (Batt or Blown)	19.00	14.33	33.33
116	Ironworker	31.25	19.46	50.71
117	Lather	30.48	3.24	33.72
119	Marble Finisher	26.89	19.18	46.07
120	Marble Mason	32.01	13.26	45.27
121	Metal Building Erector	17.00	3.82	20.82
123	Overhead Door Installer	12.00	0.00	12.00
124	Painter	20.00	4.22	24.22

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
125	Pavement Marking Operator	30.00	0.00	30.00
129	Plasterer	25.00	0.00	25.00
130	Plumber	30.00	10.62	40.62
132	Refrigeration Mechanic	19.75	8.56	28.31
133	Rofer or Waterproofer	17.00	3.72	20.72
134	Sheet Metal Worker	21.03	3.40	24.43
135	Steamfitter	31.72	16.10	47.82
137	Teledata Technician or Installer	24.75	8.09	32.84
138	Temperature Control Installer	22.50	0.70	23.20
139	Terrazzo Finisher	26.89	19.18	46.07
140	Terrazzo Mechanic	30.20	18.42	48.62
141	Tile Finisher	23.77	16.50	40.27
142	Tile Setter	21.00	0.00	21.00
143	Tuckpointer, Caulker or Cleaner	32.50	0.02	32.52
146	Well Driller or Pump Installer	27.60	5.80	33.40
147	Siding Installer	20.18	0.00	20.18

TRUCK DRIVERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
201	Single Axle or Two Axle	28.05	4.16	32.21
203	Three or More Axle	18.00	2.37	20.37
205	Pavement Marking Vehicle	18.00	2.37	20.37
207	Truck Mechanic	19.00	1.85	20.85

LABORERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
301	General Laborer	18.14	10.16	28.30
302	Asbestos Abatement Worker	17.00	3.86	20.86

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
303	Landscaper	30.00	0.00	30.00
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	18.31	12.67	30.98
315	Final Construction Clean-Up Worker	16.00	0.00	16.00

**HEAVY EQUIPMENT OPERATORS
RESIDENTIAL OR AGRICULTURAL CONSTRUCTION**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
557	Asphalt Heater, Planer & Scarifier; Asphalt Milling Machine; Asphalt Screed; Backhoe (Track Type); Backhoe (Mini, 15,000 Lbs. & Under); Bituminous (Asphalt) Plant & Paver, Screed; Boring Machine (Directional, Horizontal or Vertical); Bulldozer or Endloader; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Crane, Shovel, Dragline, Clamshells; Forestry Equipment, Tlmbco, Tree Shear, Tub Grinder, Processor; Grader or Motor Patrol; Grout Pump; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Manhoist; Material or Stack Hoist; Mechanic or Welder; Milling Machine; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Trencher (Wheel Type or Chain Type); Winches & A-Frames.	29.70	20.08	49.78
558	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Backfiller; Belting, Burlap, Texturing Machine; Boiler (Temporary Heat); Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Farm or Industrial Type Tractor; Forklift; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Jeep Digger; Lift Slab Machine; Mulcher; Oiler; Post Hole Digger or Driver; Power Subgrader; Pump (3 Inch or Over) or Well Points; Robotic Tool Carrier (With or Without Attachments); Rock, Stone Breaker; Roller (Rubber Tire, 5 Tons or Under); Screed (Milling Machine); Self Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Stump Chipper; Telehandler; Vibratory Hammer or Extractor, Power Pack.	29.70	16.00	45.70

***** END OF RATES *****