

Contract Routing Form

ROUTING: Urgent Rush

printed on: 07/22/2013

Contract between: Speedway Sand & Gravel Inc
and Dept. or Division: Engineering Division
Name/Phone Number:

Project: Ice Age Junction Path and Jeffy Path and Jeffy Trail Sanitary Sewer Assessment Dist.

Contract No.: 6886
Enactment No.: RES-05-13-00523
Dollar Amount: 783,260.06

File No.: 30720
Enactment Date: 7/22/13

(Please DATE before routing)

Signatures Required	Date Received	Date Signed
City Clerk	7-22-2013	7-22-2013
Director of Civil Rights	7-23-2013	7/25/13 MDD.
Risk Manager	7-26-13	7/26/13 KLB
Finance Director	7-26-13	7-26-13 RW
City Attorney 1102	7-26-13	7-29-13
Mayor	7-29-13	7-29-13

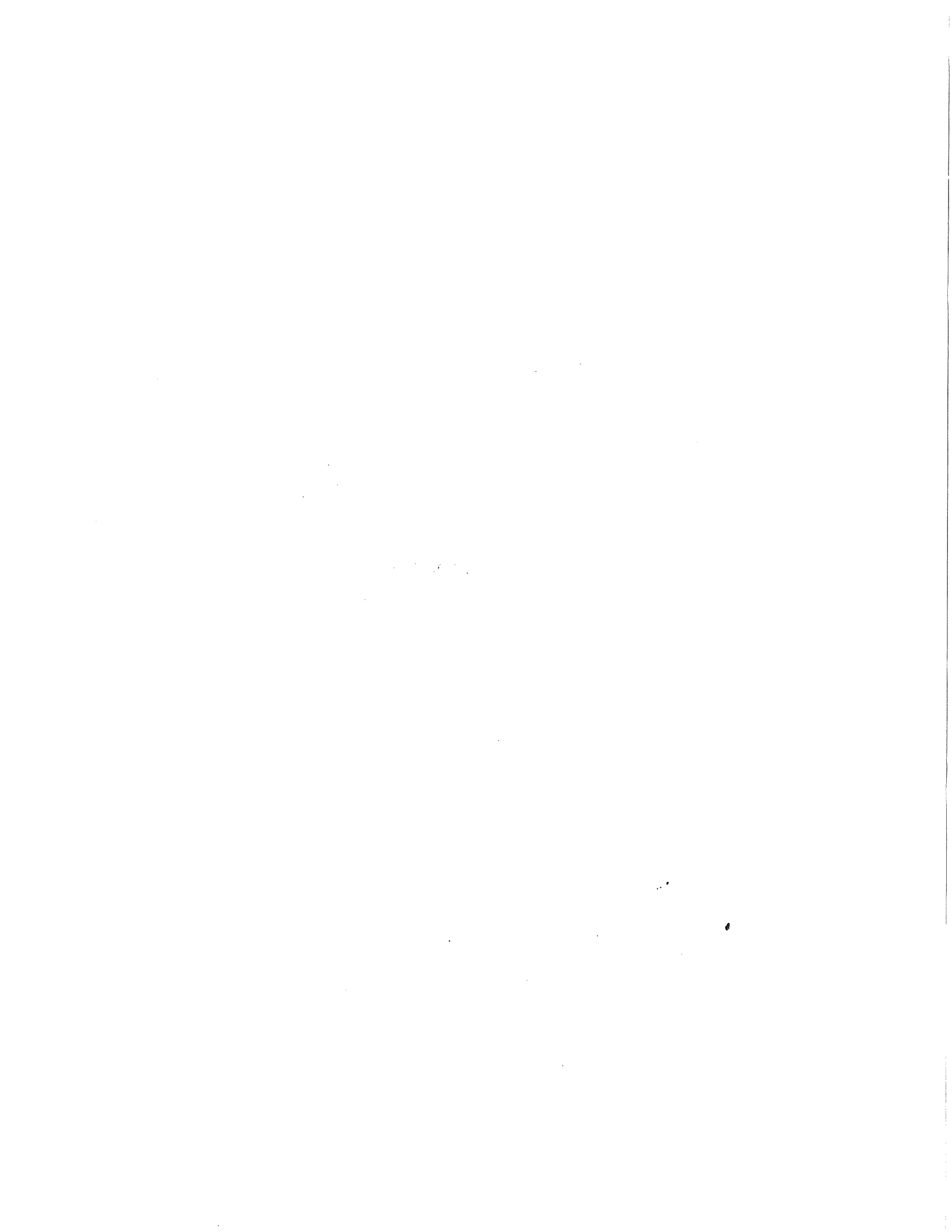
Please return signed Contracts to the City Clerk's Office Room 103, City-County Building for filing.

PO# B153688L

Original + 2 Copies

07/22/2013 11:24:11 enjap - T Fernandez - 6-4751

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





City of Madison

City of Madison
Madison, WI 53703
www.cityofmadison.com

Master

File Number: 30720

File ID: 30720	File Type: Resolution	Status: Passed
Version: 1	Reference:	Controlling Body: BOARD OF PUBLIC WORKS
Lead Referral: BOARD OF PUBLIC WORKS	Cost:	File Created Date : 06/25/2013
File Name: Awarding Public Works Contract No. 6886, Ice Age Junction Path and Jeffy Path and Jeffy Trail Sanitary Sewer Assessment District.		Final Action: 07/16/2013
Title: Awarding Public Works Contract No. 6886, Ice Age Junction Path and Jeffy Path and Jeffy Trail Sanitary Sewer Assessment District.		

Notes: Tony F.

CC Agenda Date: 07/16/2013

Agenda Number: 47.

Sponsors: BOARD OF PUBLIC WORKS

Effective Date: 07/22/2013

Attachments: Contract 6886.pdf

Enactment Number: RES-13-00573

Author: Rob Phillips, City Engineer

Hearing Date:

Entered by: mhacker@cityofmadison.com

Published Date:

Approval History

Version	Date	Approver	Action
1	07/09/2013	Craig Franklin	Approve

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	Engineering Division	06/25/2013	Refer	BOARD OF PUBLIC WORKS	07/03/2013	07/03/2013	
Action Text: This Resolution was Refer to the BOARD OF PUBLIC WORKS due back on 7/3/2013							
Notes:							

1 BOARD OF PUBLIC WORKS 07/03/2013 RECOMMEND TO COUNCIL TO ADOPT UNDER SUSPENSION OF RULES 2.04, 2.05, 2.24, & 2.25 - REPORT OF OFFICER Pass

Action Text: A motion was made by Hinke, seconded by Samson-Samuel, to RECOMMEND TO COUNCIL TO ADOPT UNDER SUSPENSION OF RULES 2.04, 2.05, 2.24, & 2.25 - REPORT OF OFFICER. The motion passed by voice vote/other.

Notes:

1 COMMON COUNCIL 07/16/2013 Adopt Under Suspension of Rules 2.04, 2.05, 2.24, and 2.25 Pass

Action Text: A motion was made by Schmidt, seconded by Phair, to Adopt Under Suspension of Rules 2.04, 2.05, 2.24, and 2.25. The motion passed by voice vote/other.

Notes:

Text of Legislative File 30720

Fiscal Note

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

Title

Awarding Public Works Contract No. 6886, Ice Age Junction Path and Jeffy Path and Jeffy Trail Sanitary Sewer Assessment District.

Body

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. 6886) for itemization of bids.

PROJECT	CONTRACTOR	AMOUNT OF BID
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CONTRACT NO. 6886
 ICE AGE JUNCTION PATH AND JEFFY PATH AND JEFFY TRAIL SANITARY SEWER ASSESSMENT DISTRICT

SPEEDWAY SAND & GRAVEL, INC. \$783,260.06

Acct. No. CS53-58240-810543-00-53W1348	\$292,197.35
Contingency 8%±	23,376.00
Plan & Prep 15%±	<u>43,826.65</u>
Sub-Total	\$359,400.00

Acct. No. CS53-58255-810543-00-53W1348	\$163,990.00
Contingency 8%±	13,119.00
Plan & Prep 15%±	<u>24,601.00</u>
Sub-Total	\$201,710.00

Acct. No. CS53-58545-810543-00-53W1348	\$41,580.00
Contingency 8%±	3,326.00
Plan & Prep 15%±	<u>6,234.00</u>
Sub-Total	\$51,140.00

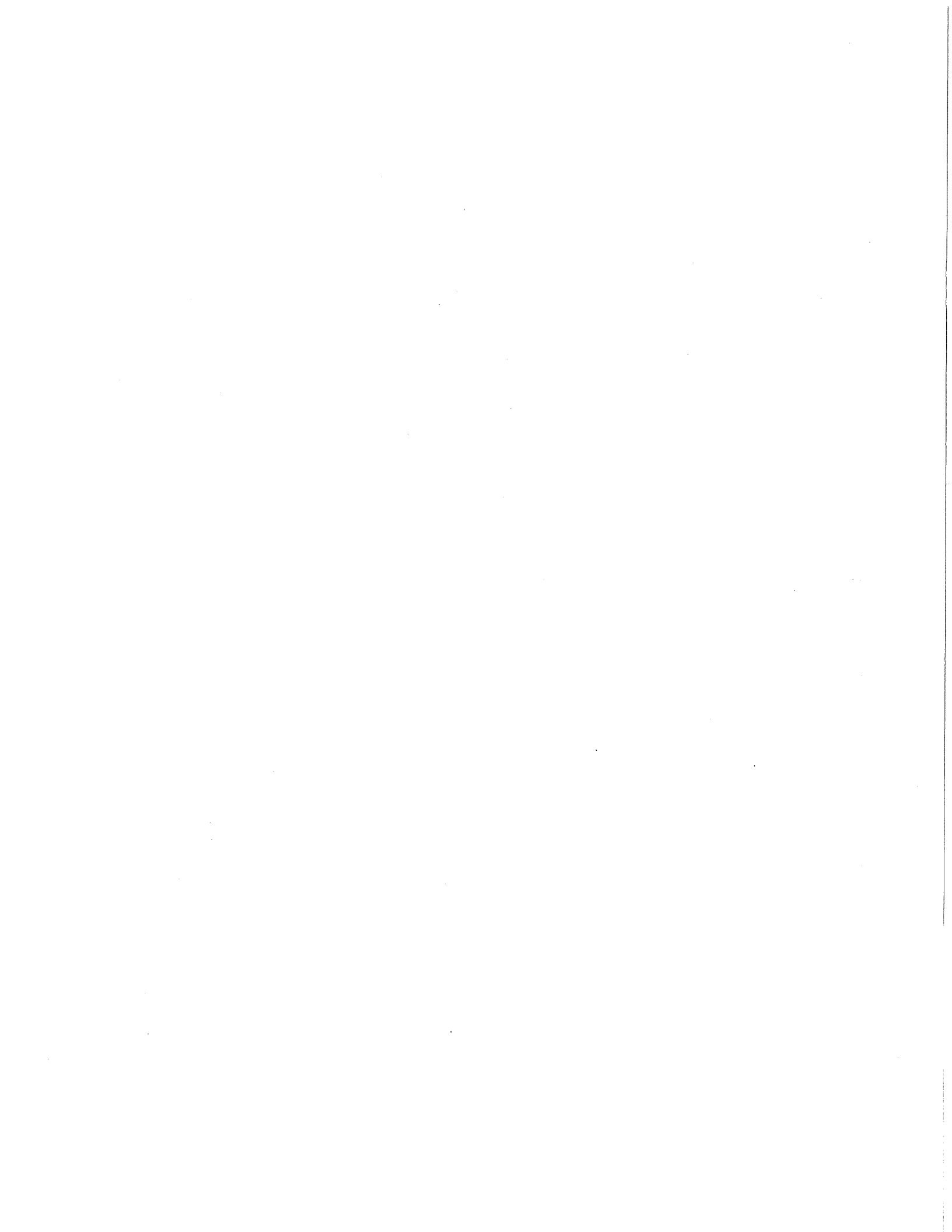
Acct. No. CS53-58270-810354-00-53W1348	\$73,404.50
Contingency 8%±	5,872.00
Plan & Prep 15%±	<u>11,013.50</u>
Sub-Total	\$90,290.00

Acct. No. CS53-58280-810354-00-53W1348	\$5,776.25
Contingency 8%±	462.00
Plan & Prep 15%±	<u>871.75</u>
Sub-Total	\$7,110.00

Acct. No. EW01-58273-810455-00-53W1348	\$43,907.00
Contingency 8%±	<u>3,513.00</u>
Sub-Total	\$47,420.00

Acct. No. ES01-58275-810335-00-53W1620	\$162,404.96
Contingency 8%±	<u>12,995.04</u>
Sub-Total	\$175,400.00

GRAND TOTAL	<u>\$932,470.00</u>
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**Wisconsin Office of the Commissioner of Insurance
Licensed Producer Search***

Tuesday, July 16, 2013

MOSCA, ELIZABETH
MIDDLETON WI

Year of Birth: 1957
Status: Active
License Number: 2530156
NPN**: 12305256
Effective Date: 11-18-2008
Expiration Date: 03-31-2015
License Type: Resident Intermediary Indv
CE Compliance: 03-31-2015

Lines of Authority

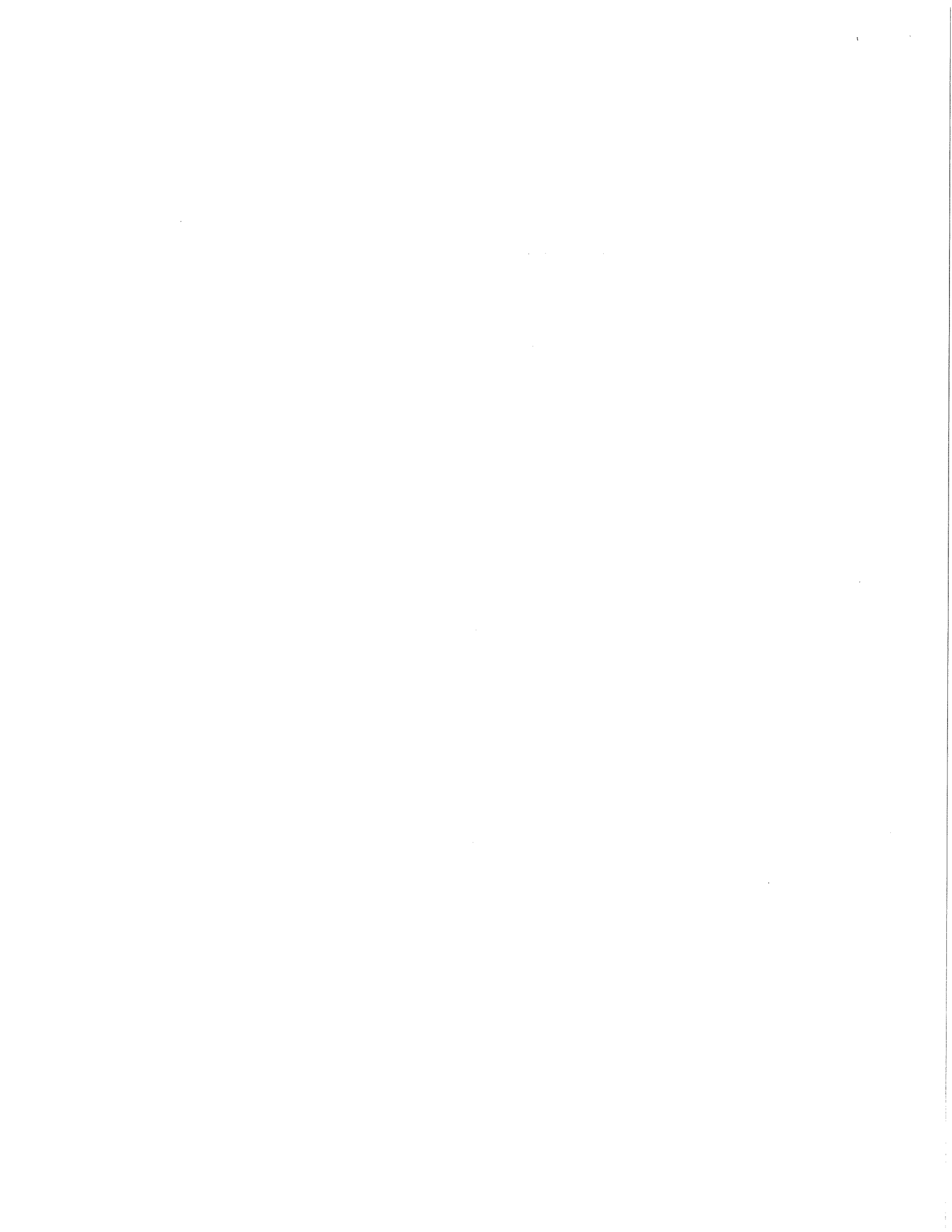
Line of Authority	Residency	Effective Date	Status
Property	Resident	11-25-2008	Active
Casualty	Resident	11-18-2008	Active

Appointments and Terminations

Company Name	Qualification Type/Status	Effective Date	Termination Date	Termination Reason
American Casualty Company of Reading, Pennsylvania	CAS/Active	05-21-2013		
	CAS/Inactive	01-08-2009	09-29-2010	Vol. Surrender per Agent Rqst
	PROP/Active	05-21-2013		
	PROP/Inactive	01-08-2009	09-29-2010	Vol. Surrender per Agent Rqst
American Economy Insurance Company	CAS/Active	01-18-2010		
	PROP/Active	01-18-2010		
American Fire and Casualty Company	CAS/Active	01-18-2010		
	PROP/Active	01-18-2010		
American States Insurance Company	CAS/Active	01-18-2010		
	PROP/Active	01-18-2010		
Berkley Regional Insurance Company	CAS/Active	01-12-2009		
	PROP/Active	01-12-2009		
Colonial American Casualty and Surety Company	CAS/Active	05-14-2013		
	PROP/Active	05-14-2013		
Consolidated Insurance Company	CAS/Active	01-18-2010		
	PROP/Active	01-18-2010		
Continental Casualty Company	CAS/Active	05-21-2013		
	CAS/Inactive	01-08-2009	09-29-2010	Vol. Surrender per



					Agent Rqst
	PROP/Active	05-21-2013			
	PROP/Inactive	01-08-2009	09-29-2010		Vol. Surrender per Agent Rqst
Continental Insurance Company, The	CAS/Active	05-21-2013			
	PROP/Active	05-21-2013			
Fidelity and Deposit Company of Maryland	CAS/Active	05-14-2013			
	PROP/Active	05-14-2013			
First National Insurance Company of America	CAS/Active	01-18-2010			
	PROP/Active	01-18-2010			
First Sealord Surety, Inc.	CAS/Inactive	09-17-2009	02-08-2012		Canceled
General Insurance Company of America	CAS/Active	01-18-2010			
	PROP/Active	01-18-2010			
Granite Re, Inc.	CAS/Active	01-14-2009			
Guarantee Company of North America USA, The	CAS/Inactive	01-22-2009	12-28-2011		Vol. Surrender per Agent Rqst
Hawkeye-Security Insurance Company	CAS/Active	01-18-2010			
	PROP/Active	01-18-2010			
Indiana Insurance Company	CAS/Active	01-18-2010			
	PROP/Active	01-18-2010			
Liberty Mutual Insurance Company	CAS/Active	02-04-2010			
Merchants Bonding Company (Mutual)	CAS/Active	05-03-2013			
	CAS/Inactive	12-03-2008	10-12-2010		Canceled
Merchants National Bonding, Inc.	CAS/Active	05-03-2013			
Midwestern Indemnity Company, The	CAS/Active	01-18-2010			
	PROP/Active	01-18-2010			
National Fire Insurance Company of Hartford	CAS/Active	05-21-2013			
	CAS/Inactive	01-08-2009	09-29-2010		Vol. Surrender per Agent Rqst
	PROP/Active	05-21-2013			
	PROP/Inactive	01-08-2009	09-29-2010		Vol. Surrender per Agent Rqst
Netherlands	CAS/Active	01-18-2010			



Insurance Company, The	PROP/Active	01-18-2010			
Ohio Casualty Insurance Company, The	CAS/Active	01-18-2010			
	PROP/Active	01-18-2010			
Ohio Security Insurance Company	CAS/Active	01-18-2010			
	PROP/Active	01-18-2010			
Old Republic Insurance Company	CAS/Active	12-30-2010			
	CAS/Inactive	12-20-2008	07-06-2010		Canceled
Old Republic Surety Company	CAS/Active	12-30-2010			
	CAS/Inactive	12-20-2008	07-06-2010		Canceled
Peerless Indemnity Insurance Company	CAS/Active	01-18-2010			
	PROP/Active	01-18-2010			
Peerless Insurance Company	CAS/Active	01-18-2010			
	PROP/Active	01-18-2010			
SAFECO Insurance Company of America	CAS/Active	01-18-2010			
	PROP/Active	01-18-2010			
SAFECO Insurance Company of Illinois	CAS/Active	01-18-2010			
	PROP/Active	01-18-2010			
Star Insurance Company	CAS/Inactive	07-06-2010	04-19-2011		Canceled
	PROP/Inactive	07-06-2010	04-19-2011		Canceled
Transportation Insurance Company	CAS/Active	05-21-2013			
	PROP/Active	05-21-2013			
Valley Forge Insurance Company	CAS/Active	05-21-2013			
	PROP/Active	05-21-2013			
West American Insurance Company	CAS/Active	01-18-2010			
	PROP/Active	01-18-2010			
West Bend Mutual Insurance Company	CAS/Active	08-08-2011			
	PROP/Active	08-08-2011			
Western Surety Company	CAS/Inactive	01-08-2009	10-28-2010		Vol. Surrender per Agent Rqst
Zurich American Insurance Company	CAS/Active	05-14-2013			
	PROP/Active	05-14-2013			

* 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.



\$783,260.06
FILE

BID OF SPEEDWAY SAND & GRAVEL, INC.

2013

PROPOSAL, CONTRACT, BOND AND SPECIFICATIONS

FOR

ICE AGE JUNCTION PATH AND JEFFY PATH
AND
JEFFY TRAIL SANITARY SEWER ASSESSMENT DISTRICT

CONTRACT NO. 6886

IN

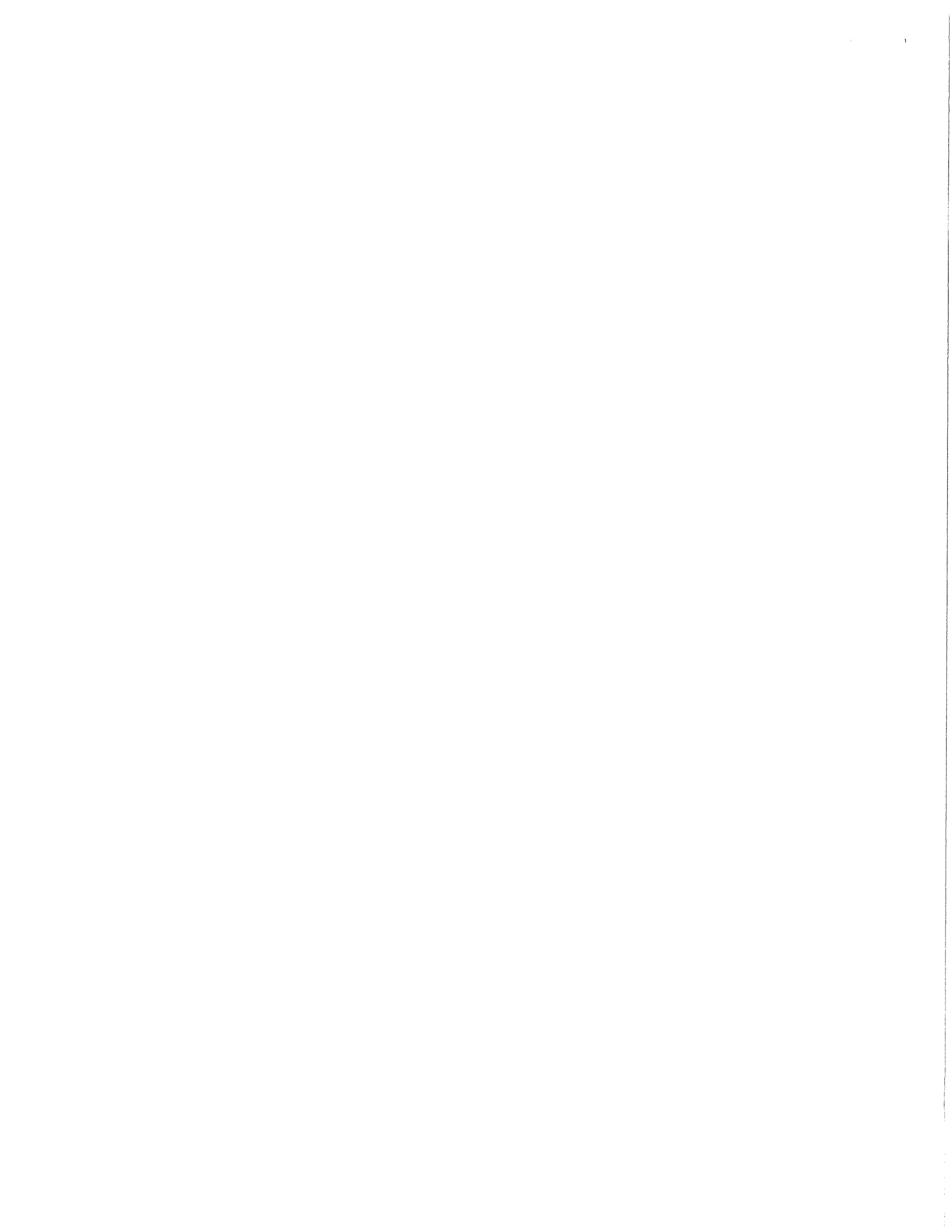
MADISON, DANE COUNTY, WISCONSIN

AWARDED BY THE COMMON COUNCIL
MADISON, WISCONSIN ON JULY 16, 2013

CITY ENGINEERING DIVISION
1600 EMIL STREET
MADISON, WISCONSIN 53713

www.cityofmadison.com/business/pw

<https://bidexpress.com/login>




**ICE AGE JUNCTION PATH AND JEFFY PATH
AND
JEFFY TRAIL SANITARY SEWER ASSESSMENT DISTRICT
CONTRACT NO. 6886**

INDEX

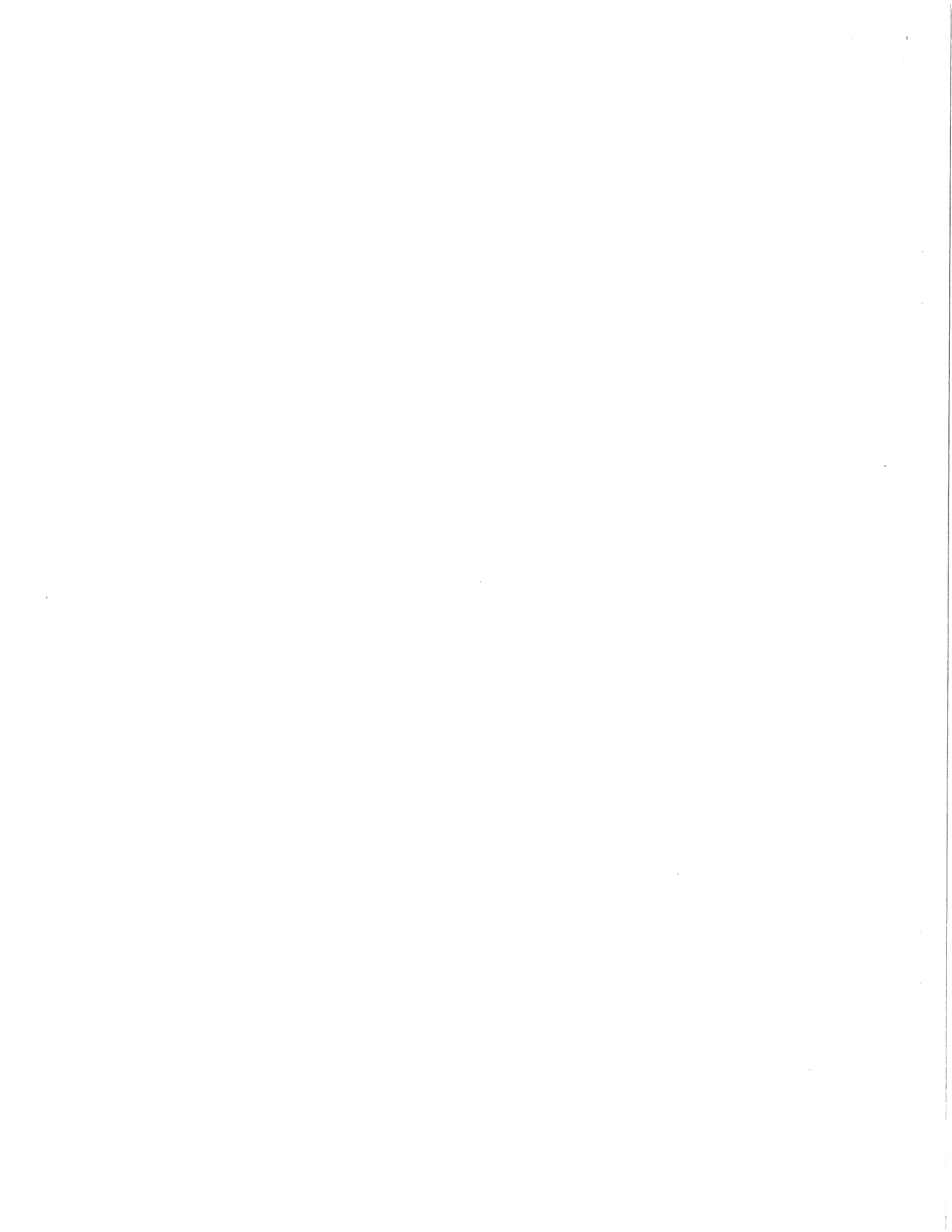
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This Proposal, and Agreement have
been prepared by:

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

For 

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



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:	ICE AGE JUNCTION PATH AND JEFFY PATH AND JEFFY TRAIL SANITARY SEWER ASSESSMENT DISTRICT
CONTRACT NO.:	6886
SBE GOAL	11%
BID BOND	5%
PRE BID MEETING (1:00 P.M.)	JUNE 7, 2013
PREQUALIFICATION APPLICATION DUE (1:00 P.M.)	JUNE 7, 2013
BID SUBMISSION (1:00 P.M.)	JUNE 14, 2013
BID OPEN (1:30 P.M.)	JUNE 14, 2013
PUBLISHED IN WSJ	MAY 31 & JUNE 7, 2013

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, WI 53713.

Plans and Specifications are also available at 1600 Emil St., Madison, WI, 53713; (608) 267-1197.

STANDARD SPECIFICATIONS

The City of Madison's Standard Specifications for Public Works Construction - 2013 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
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
255 Pavement Sealcoating and Crack Sealing
260 Petroleum Above/Below Ground Storage Tank Removal/Install
265 Retaining Walls, Precast Modular Units
270 Retaining Walls, Reinforced Concrete
275 Sanitary, Storm Sewer and Water Main Construction

- 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
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 Other_____
9 Other_____

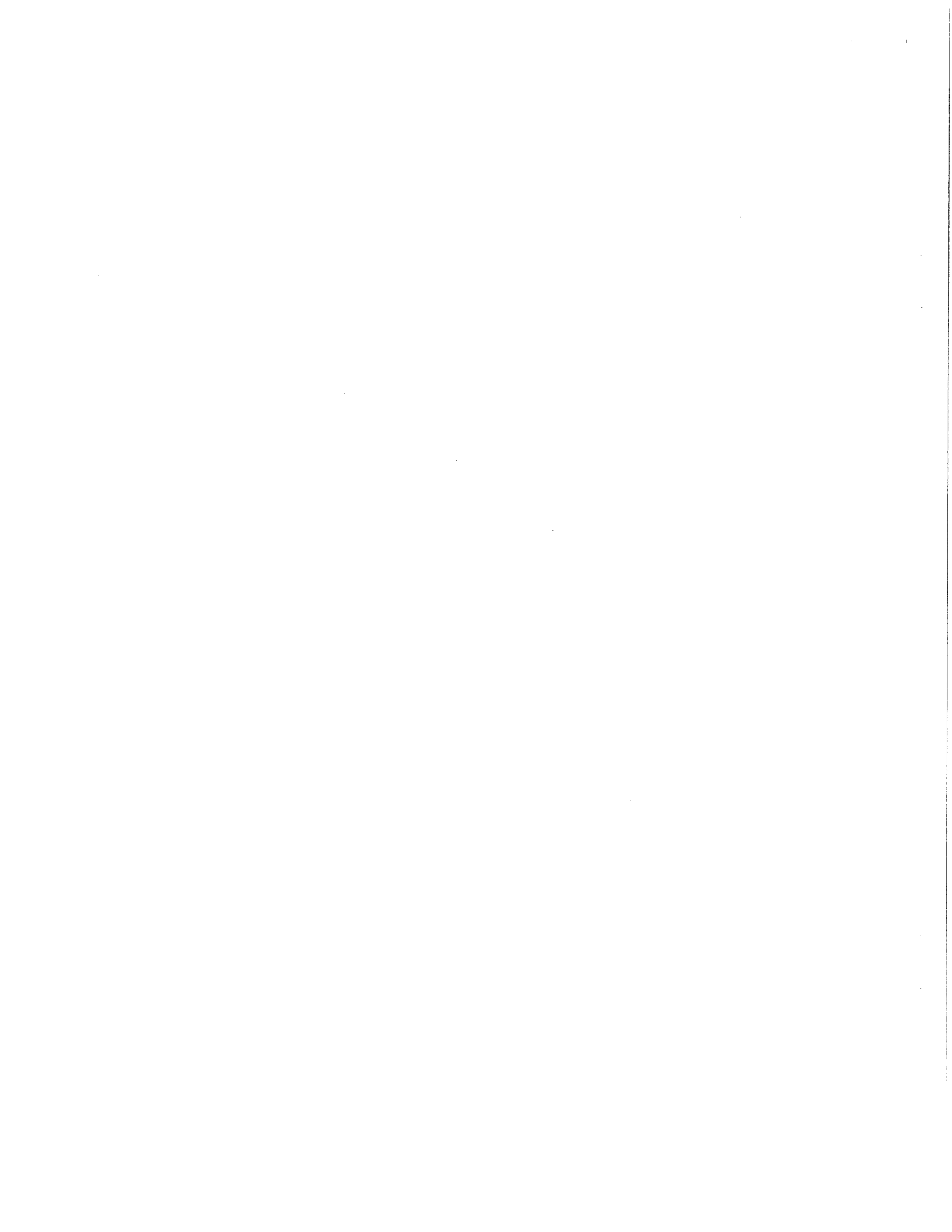
SECTION B: PROPOSAL

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-7; and
- 2.4.2.1.2 **Summary Sheet**, C-8.

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-7;
- 2.4.2.2.2 **Summary Sheet**, C-8; and
- 2.4.2.2.3 **SBE Contact Report**, C-9 and C-10. (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.

**ICE AGE JUNCTION PATH AND JEFFY PATH
AND
JEFFY TRAIL SANITARY SEWER ASSESSMENT DISTRICT
CONTRACT NO. 6886**

Small Business Enterprise Compliance Report

This information may be submitted electronically through
Bid Express or submitted with bid in sealed envelope.

Cover Sheet

Prime Bidder Information

Company: _____

Address: _____

Telephone Number: _____ Fax Number: _____

Contact Person/Title: _____

Prime Bidder Certification

I, _____, _____ of
Name Title

_____ certify that the information
Company

contained in this SBE Compliance Report is true and correct to the best of my knowledge and belief.

Witness' Signature

Bidder's Signature

Date

**ICE AGE JUNCTION PATH AND JEFFY PATH
AND
JEFFY TRAIL SANITARY SEWER ASSESSMENT DISTRICT
CONTRACT NO. 6886**

**Small Business Enterprise Compliance Report
Summary Sheet**

SBE Subcontractors Who Are NOT Suppliers

Name(s) of SBEs Utilized	Type of Work	% of Total Bid Amount
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
Subtotal SBE who are NOT suppliers:		_____ %

SBE Subcontractors Who Are Suppliers

Name(s) of SBEs Utilized	Type of Work	% of Total Bid Amount
		%
		%
		%
		%
		%
		%
Subtotal Contractors who are suppliers:		_____ % x 0.6 = _____ % (discounted to 60%)
Total Percentage of SBE Utilization: _____ %.		

**ICE AGE JUNCTION PATH AND JEFFY PATH
AND
JEFFY TRAIL SANITARY SEWER ASSESSMENT DISTRICT
CONTRACT NO. 6886**

**Small Business Enterprise Compliance Report
SBE Contact Report**

Submit separate copy of this form for each SBE which you are not able to utilize towards meeting the SBE goal for this project. Attach separate sheets if necessary.

SBE Information

Company: _____

Address: _____

Telephone Number: _____

Contact Person/Title: _____

1. Outline below all efforts to solicit a bid from the above SBE. Include date, means of contact, who from your company made this contact and the result.

2. Describe the information provided to the aforementioned SBE regarding the scope of work for which he/she was to provide a bid.

Is this the same scope of work on which the subcontractor you intend to utilize based his/her bid?

Yes No

3. Did this SBE submit a bid? Yes No

4. Is the General Contractor pre-qualified to self-perform this category of work?

Yes No

5. If you responded "Yes" to Question 3, please check the items below which apply and provide the requested detail. If you responded "No" to Question 3, please skip ahead to item 6 below.

The SBE listed above is unavailable for work on this project for the following reasons. Provide specific detail for this conclusion.

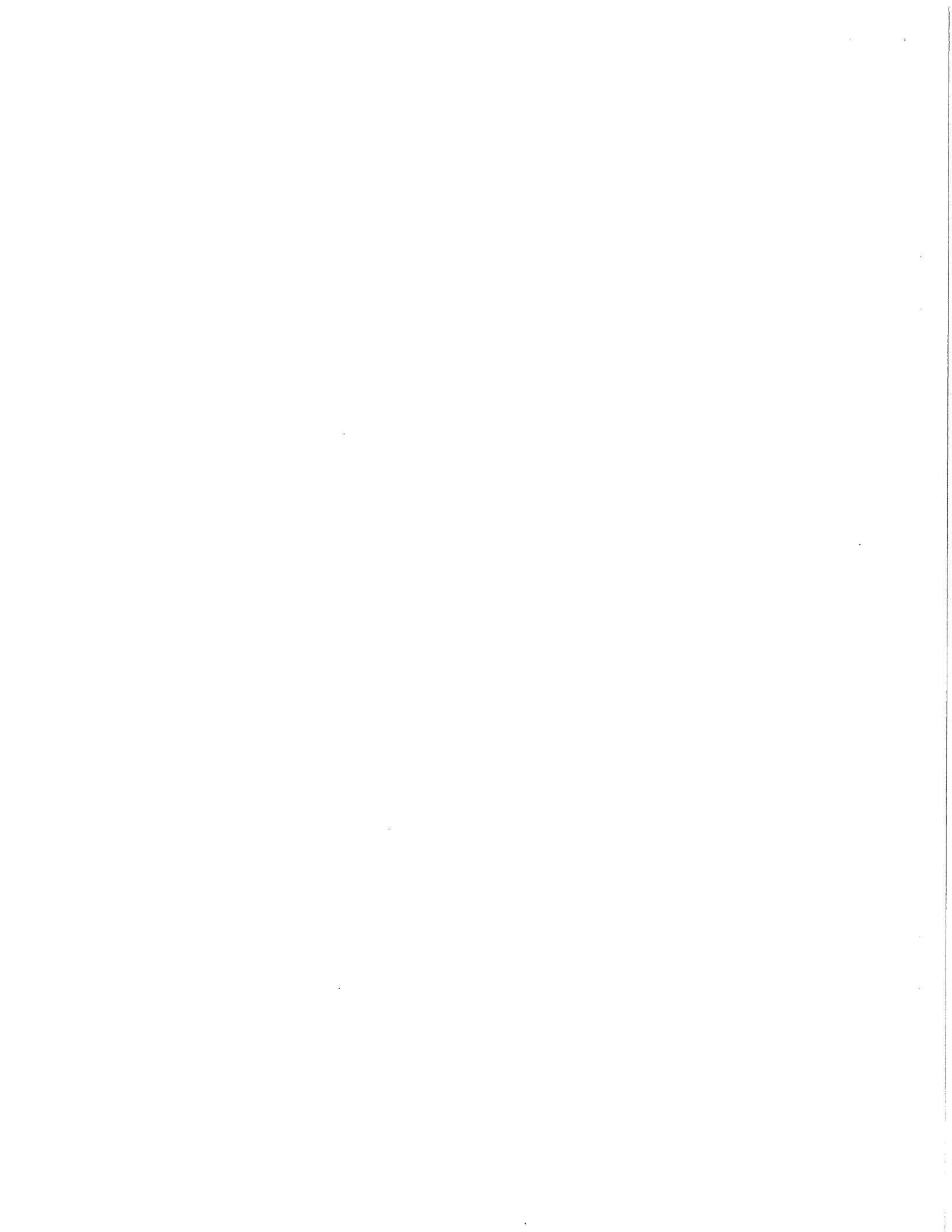
The SBE listed above is unqualified for work on this project. Provide specific details for this conclusion.

The SBE listed above provided a price that was unreasonable (i.e. more than 5% above the lowest bidder). Provide specific detail for this conclusion including the SBE's price and the price of the subcontractor you intend to utilize.

A contract with the SBE listed above may constitute a breach of the bidder's collective bargaining agreements. Provide specific detail for this conclusion including, but not limited to, correspondence from the SBE indicating it will not sign a project labor agreement and/or correspondence from the applicable trade union indicating a project labor agreement will not be allowed at the time of project bidding.

Other; please specify reason(s) other than listed above which made it impossible for you to utilize this SBE on this project.

6. Describe any other good faith efforts:



SECTION D: SPECIAL PROVISIONS

ICE AGE JUNCTION PATH AND JEFFY PATH AND JEFFY TRAIL SANITARY SEWER ASSESSMENT DISTRICT CONTRACT NO. 6886

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: MINIMUM RATE OF WAGE SCALE

For this project, payment of prevailing wages (white sheet) is not required if either: a single trade accounts for 85% or more of the total labor costs of the project and the bid is less than \$48,000; or no single trade accounts for 85% or more of the total labor costs of the project and the bid is less than \$100,000. For bids not meeting either of these conditions, prevailing wages shall be required.

If 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

All bidders are notified that all labor employed on City contracts must be paid in accordance with the minimum rate of wage scale included in the Contract Documents.

For the information of the employees working on the project, a copy of the wage scale included in the contract documents and the provisions of Section 66.0903(8) of the Wisconsin Statutes shall be kept posted by the employer and in at least one conspicuous and easily accessible place at the site of the project.

The Contractor shall keep weekly payroll records setting forth the name, address, telephone number, classification, wage rate and fringe benefit package of each employee who worked on such City project and all other projects the employee worked in the same period, and the Contractor must keep records of the individual time each employee worked on the project and for each day of the project. Records shall include employee demographics or contractor can submit a one-time report of all employee demographics that can be matched up with weekly payrolls. Reports shall only include last four social security digits. 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. Such records shall, in addition, set forth the full weekly wages earned by each such employee and the actual hourly wage paid to that employee. The Contractor shall submit payroll records to the Engineer every week for those periods when work is being done on the project. Said submittal shall be within twenty-one (21) calendar days of the end of the Contractor's weekly pay period.

The Contractor shall ensure that employees shall be paid unconditionally and shall receive the full amounts accrued at the time of payment, computed at rates not less than those stated in the City of Madison "Minimum Rate of Wage Scale" and that 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 such employee. Questions regarding an employee's classification or rate of pay within that classification, shall

be resolved by the practice that predominates in the industry and on which the trade or occupation rate/classification is based. Therefore, rate of pay, classification and work jurisdiction disputes shall be resolved by relying upon practices established by collective bargaining agreements and guidelines used in such determinations by appropriate recognized trade unions operating within the City of Madison.

The Contractor shall agree that the normal rate of wage paid to the Contractor's employees on other projects shall not be reduced or otherwise diminished as a result of the requirement to pay no less than the minimum rate of wage scale on a City project. Mulcting of employees on City projects by contractors, such as by kickbacks or other such devices, is prohibited.

These contract provisions shall apply to all work performed on the contract by the Contractor with its own organization and with assistance of laborers under its immediate superintendency and to all work performed by piecework or by subcontract. No laborer, worker, or mechanic shall be employed directly upon the site of the work except on a wage basis, but this shall not be construed to prohibit the rental of equipment from individuals.

In the event of a refusal by the Contractor to submit payroll records as required by the contract, the City of Madison shall have the option to cancel this contract and request the Surety to perform or to re-let the balance of the work for bids, and in that event, to charge the Contractor for any loss which the City may incur thereby.

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 \$53,000 for a single trade contract; or equal to or greater than \$257,500 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 16, 2013**. No exceptions or extensions to the above date will be permitted.

ARTICLE 104: SCOPE OF WORK

The work under this contract combines two separate but related City projects as follows:

Project No. 53W1348 Ice Age Junction Path and Jeffy Path

This work generally consists of asphalt path construction, furnishing and installing a new pre-fabricated steel bridge on concrete substructure units, storm drainage improvements, new concrete sidewalk and new water main. The paths include: Ice age Junction Path (IAJP) from Raymond Road to the west side of Flagstone Park, approximately 2150 feet in length; Flagstone Path from the IAJP to Flagstone Drive, approximately 550 feet in length, Jeffy Path from the IAJP to the existing end of Jeffy Trail, approximately 500 feet in length, and portions of sidewalk connections from Jeffy Path toward future Trevor Way. The new bridge will carry the IAJP over Upper Badger Mill Creek. The storm drainage improvements include pipes and structures related to drainage of the paths and new pipes, structures and channel improvements downstream of the discharge from the existing detention ponds in Hawks Creek subdivision (east of Jeffy Path). Sidewalk construction consists of new sidewalk on embankment from Jeffy Path to the back lot line of the future Wolfe Addition to Hawks Creek, approximately 300 feet in length. Water main includes new pipe and appurtenances extending the existing main in Jeffy Trail in the vicinity of the storm and sanitary work for a length of approximately 500 feet.

Work shall include, but is not limited to: clearing & grubbing; grading and construction of embankments;, installation of water main and storm sewer, curb and gutter, base preparation, asphalt pavement, concrete sidewalk, street lighting, pavement marking and restoration

Project No. 53W1620 Jeffy Trail Sanitary Sewer assessment District

This work generally consists of new sanitary sewer and appurtenances beginning southeast of Raymond Road and continuing in the area of work described above. It includes segments along or under the IAJP and Jeffy Path and continuing to the back lot line of the future Wolfe Addition to Hawks Creek, a total length of approximately 1750 feet.

Work shall include, but is not limited to: Trenching, installation of pipe and appurtenant structure, backfilling, patching of Raymond Road pavement and restoration south of Raymond Road. The clearing, rough grading and restoration north of Raymond Road shall be considered part of project 53W1348 described above.

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 105.1: AUTHORITY OF THE ENGINEER

The Engineer shall resolve all questions which arise as to the quality and acceptability of materials furnished, work performed, manner of performance, rate of progress of the work, interpretation of the plans and Specifications, acceptable fulfillment of the contract, compensation, and disputes and mutual rights between Contractors under the Specifications. The Engineer shall determine the amount and quantity of work performed and materials furnished.

All decisions of the Engineer shall, when so requested, be rendered in writing. They shall be final and conclusive in all matters unless within ten (10) days after such decision the Contractor applies in writing to the Board of Public Works for a review of such decision.

Any change proposed by a Contractor in SBE subcontractors, vendors or suppliers from those SBEs indicated on the SBE Compliance Report must be approved by the Engineer and the City's Manager of the Affirmative Action Division (hereafter, AAD). When requested, such decision shall be rendered in writing. Such decisions shall be final and conclusive in all matters unless within ten (10) days after such decision the Contractor or the affected SBE applies in writing to the Board of Public Works for a review of such decision.

In the event the Engineer and the AAD disagree over the proper decision to be made regarding an SBE, the Mayor shall appoint a third person to resolve the disagreement, within 30 days of appointment. The decision thus rendered may be reviewed by the Board of Public Works upon request of the Contractor or the affected SBE as set forth in Sections 105.1 and 105.2 of the City's standard specifications.

SECTION 105.12: COOPERATION BY THE CONTRACTOR

It is anticipated that the Contractor will need to use multiple crews and be working simultaneously in different areas within the project limits and may also need to work weekends in order to meet the schedule required by this contract. It is also anticipated that multiple mobilizations will be necessary for restoration work.

The City of Madison is aware of other projects taking place in the vicinity of the project as follows:

Wolfe Addition to Hawks Creek, City project no. 53W1552, which includes installation of the extension of Trevor Way (new street) and installation of new utilities necessary to serve the lots of the subdivision. It is anticipated that work on this contract will begin in early August 2013.

No utility work or conflicts are expected with this project. However, the Contractor shall coordinate their work to allow access to utility companies to install new facilities and resolve any conflicts that may arise.

There is a septic system located in the Jeffy Trail Right of Way (2510 Jeffy Trail). Part of the scope of this project includes the removal of the septic system and installing a lateral on private property for which the

City will obtain a Right of Entry from the property. The intent of the project is to minimize the disturbance to private property beyond what is need to remove the septic system removal and install a new lateral.

SECTION 107.1: PUBLIC CONVENIENCE AND SAFETY

The Contractor is alerted that some of this work will be in close proximity to, and the path will in one location cross the Ice Age National Scenic Trail. This is an un-paved walking trail certified by the National Parks Service and maintained by the Ice Age Trail Alliance. The Contractor shall take care to avoid disturbing this trail in any way outside the limits of grading required by this contract. Any damage to the trail outside the construction limits shall be repaired to the satisfaction of the Ice Age Trail Alliance at the sole expense of the Contractor. Within the construction limits, the contract includes construction of a short segment of unpaved path to re-align and replace the segment that will be interrupted by the new bridge. The contractor shall coordinate with the Ice Age Trail Alliance on the exact location and surface material for this path prior to constructing it. Contractor shall, to the greatest extent practicable allow hikers using the Ice Age Scenic Trail to walk through the construction site following a safe, unpaved route marked by the Contractor. The contacts for Ice Age Trail Alliance are Brad Creary at 1-800-227-0046 or brad@iceagetrail.org or Kevin Thusius at Kevin@iceagetrail.org.

Access to the site and hauling shall be via Raymond Road or CTH M via Flagstone Drive. No hauling shall take place on other local streets without prior written approval of the Construction Engineer.

The project site consists almost entirely of City of Madison park lands, Dane County park lands or City-owned undeveloped lands which are intended to remain in the future as private or public open space. The Contractor shall take great care to minimize disturbance of park or open space land beyond the construction limits, which shall be assumed to extend 5 feet beyond the slope intercepts shown on the plans or to the disturbance limits as indicated on a grading plan. Contractor shall obtain advance approval from the Construction Engineer to occupy or disturb additional areas for a construction trailer, material storage or other use. Such additional areas shall be clearly delineated in the field with construction fence or other means. Contractor shall restore all such areas to the satisfaction of City of Madison, Parks Division, and will be paid for this restoration under the appropriate bid items. Any areas outside those approved by the Construction Engineer that are disturbed shall be restored by the Contractor at his own expense.

The Contractor shall use care around existing trees to remain, prairie grass areas and any potentially sensitive lands and waters. No trees, other than those shown on the plan to be removed, shall be cut without the approval of the Engineer and the City Forester.

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 General Contractor shall be responsible for making daily inspections of the traffic control to ensure that all required signs are in place and all warning lights are functional.

Raymond Road may be closed to through traffic, at the sewer main crossing in order to install the pipe crossing between STA 42+00 to STA 42+56.18 on the plan set. Soft closure shall start just west of S High Point Rd at the east end, and start just east of McKee Rd at the west end. Local and emergency vehicle access shall be maintained at all times.

The duration of Raymond Rd closure shall be limited to a maximum of two calendar days.

Other than the three days of road closure, two-way traffic shall be maintained at all times on Raymond Rd. During peak traffic hours (7-8:30AM, 4-6PM weekdays), both lanes shall be open. During non-peak traffic hours, the road can be closed to one lane. Properly trained and equipped flaggers shall be used to maintain two-way traffic.

One changeable message sign shall be installed on Raymond Rd west of Oak View Dr, facing westbound traffic for the one week prior to the road closure. The sign shall read as follows or as otherwise directed by the City Traffic Engineer: "RAYMOND RD CLOSURE, BEGINS DAY DATE, PLAN ALT ROUTE".

One changeable message sign shall be installed on Raymond Rd east of Meriter facility driveway, facing eastbound traffic for the one week prior to the road closure. The sign shall read as follows or as otherwise directed by the City Traffic Engineer: "RAYMOND RD CLOSURE, BEGINS DAY DATE, PLAN ALT ROUTE".

One changeable message sign shall be installed on Raymond Rd at S High Point Rd, facing westbound traffic during the road closure. The sign shall read as follows or as otherwise directed by the City Traffic Engineer: "RAYMOND RD CLOSED AT OAK VIEW DR, DATE TO DATE, USE ALT ROUTE".

One changeable message sign shall be installed on Raymond Rd at McKee Rd, facing eastbound traffic during the road closure. The sign shall read as follows or as otherwise directed by the City Traffic Engineer: "RAYMOND RD CLOSED AT OAK VIEW DR, DATE TO DATE, USE ALT ROUTE".

One static message sign shall be installed on McKee Rd 350 feet east of Raymond Rd, facing westbound traffic during the road closure. The sign shall read as follows or as otherwise directed by the City Traffic Engineer: "RAYMOND RD CLOSED AT OAK VIEW DR, DATE TO DATE, USE ALT ROUTE".

Prior to construction, the Contractor shall provide the Engineer, City and local police department with the name and telephone number of a local person responsible for emergency maintenance of traffic control.

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, 266-4681, one (1) working day prior to placement of the plates.

The Contractor shall provide ADA/Handicap Accessible pedestrian access, where such accommodations are originally available, at all intersections within the construction area at all times.

Access to properties and driveways may only be interrupted, when necessary for the construction of improvements, and only after at least three (3) working days advance notice to the property owners and occupants.

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.

MEASUREMENT

Traffic Control will be measured as a single lump sum for all traffic control measures required on Raymond Road, except for the Portable Changeable Message signs. Any traffic control required on other streets will not be measured for payment and will be considered incidental to other items of work.

PAYMENT

Payment for the Traffic Control is full compensation for furnishing, erecting, maintaining and removing non permanent traffic signs, drums, barricades, and similar control devices. Maintaining shall include replacing damaged or stolen traffic control devices and moving or altering traffic control devices for altered or unexpected field conditions as required by the Engineer. Portable Changeable Message signs will be measured and paid for separately under the appropriate bid item.

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

SECTION 107.8: NOTIFICATION WHEN CLOSING STREET

The Contractor shall not remove traffic signs. For removal or replacement of traffic and parking signs, contact the City of Madison Traffic Engineering Field Operations, 1120 Sayle Street, 266-4767, 8:00 a.m. to 4:00 p.m., a minimum of twenty-four (24) hours in advance of when any existing signs need to be removed. This service is provided free of charge. If the Contractor removes the signs, the Contractor will be billed for the reinstallation of, and any damage to, the signing equipment.

SECTION 107.10: OPENING OF SECTION OF HIGHWAY TO TRAFFIC

Upon completion of all asphalt patching, the street shall be reopened to traffic. Following milling and overlay of pavement and shoulder restoration on Raymond Road, 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 Engineering will complete the signing and marking as soon as possible after the street has been opened to traffic. 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.

ARTICLE 108.2: PERMITS

The City of Madison has submitted a DNR Water Resources Application for Projects Permits (WRAPP) for the following:

- NOI for Construction Site General Permit No. WI-S067831-4 for construction site erosion control for the Ice Age Junction Path area as the disturbed area is more than one (1) acre. City received notification of coverage under WPDES General Permit No. WI-S067831-4: Construction Site Storm Water Runoff on 5/17/13. The NOI permit covers trench dewatering to a maximum of 70 gallons/minute from the project provided appropriate control measures are in place. A copy of the letter is attached to these Special Provisions.
- General Permit No WDNR-GP2-2012 for a bridge over a waterway with width less than 25 feet at Ordinary High water.
- Army Corps of Engineers and Chapter 30 General Permit for a utility crossing a waterway for the sanitary sewer.

- Individual Permit under NR 103 to WDNR and Army Corps of Engineers for construction of sanitary sewer through wetland area by open trench methods. There are wetland areas within the project limits as well as a creek crossing that will be disturbed with the proposed sewer.

The City of Madison will submit a DNR Notice of Intent (NOI) to obtain coverage under the Construction Site General Permit No. WI-S067831-2 for construction site erosion control in the Jeffy Trail area of the project.

In addition the City has applied for a Dane County Shoreland Erosion Control Permit.

A City of Madison Erosion Control permit has been obtained and weekly inspections will be completed by City Staff. Contractor may be required to complete additional inspections following storm events, and this work will be paid for under the appropriate bid item. See **SECTION 210.1(b)**.

The Contractor shall meet the conditions of the permits 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. If appropriate items are not included in the contract, they shall be considered Extra Work. A copy of the permit is available at the City of Madison, Engineering Division office.

Copies of these permits will be provided to Contractor prior to start of construction. The Contractor must keep a copy of each individual permit on site at all times throughout construction.

The City's obtaining of these permits 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.

The contractor shall abide to all of the conditions of the permits when the permits are obtained. Wetlands are not intended to be used for haul roads.

When working in the wetlands and creek crossing, the Contractor shall restrict the work area to 20' width when the proposed pipe is within wetland limits. Disturbed Wetland soils shall be salvaged to a depth of 18". This work shall be paid for with the other salvaged topsoil material (BID ITEM 90073).

SECTION 109.2: PROSECUTION OF WORK

The Contractor shall begin work on or before **AUGUST 5, 2013**. Total time for completion of this contract shall be **100 CALENDAR DAYS**.

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.

In addition to the above requirements, there is an interim completion date of **SEPTEMBER 13, 2013** for all work necessary to install sanitary sewer up the back of the lots within the Wolfe Addition to Hawks Creek. Substantial completion of this sanitary sewer work shall include all sanitary sewer work up to SAS #5 including all downstream piping. The Interim Completion Date may be changed in writing by the Construction Engineer only for delays that are beyond the control of the Contractor.

Interim Liquidated Damages of **\$800 per Calendar Day** will be assessed for failure to complete the required sanitary sewer work prior to the stated Interim Completion Date. Maximum Liquidated Damages for any calendar day will not exceed those calculated per Section 109.9 of the City of Madison Standard Specifications.

BID ITEM 20101 - EXCAVATION CUT

The item of Excavation Cut shall apply to all excavation for paths within the project limits except for removal of concrete items and excavation for bridge substructure units which are paid for separately. This item also does not include trenching for water main, sanitary sewer or storm sewer pipes nor does it include any excavation for the Outfall Channel work except where that channel is shown on path cross sections. Excavation Cut shall be in accordance with Article 201 of the Standard Specifications except as provided below.

Suitable material, as determined by the Construction Engineer, from the cut areas around the Jeffy Path and sidewalks shall be re-placed on site in areas that are required to be filled as indicated on the grading plan. Placing and grading of the suitable excavated material into fill areas shall be considered incidental to this bid item.

METHOD OF MEASUREMENT

The quantity of Unclassified Excavation above the subgrade line as shown on the cross sections will not be measured in the field, but will be assumed to be the Plan Quantity as shown on the Plans. Excavation below Subgrade (EBS or undercut, including topsoil stripping), where required by the Construction Engineer, will be measured in the field. The pay quantity for the item of Excavation Cut shall be the sum of the plan quantity for Unclassified Excavation and the measured quantity of EBS.

All suitable materials from excavation shall be used in the construction of embankment fills on the project. The Contractor shall be responsible for determining a suitable off-site disposal location for excess or unsuitable material. Contractor shall comply with all laws and permit conditions for off-site disposal, including stabilization and other appropriate erosion control measures.

BASIS OF PAYMENT

Excavation Cut, measured as provided above, will be paid at the contract unit price per Cubic Yard, which shall be full compensation for all excavation of asphalt, granular materials or soil, compaction of the subgrade where required, removal and disposal of all excess materials of all types, and all labor, tools, equipment, and incidentals necessary to complete this item of work.

BID ITEM 20202 – FILL BORROW (JEFFY PATH & SIDEWALKS)

DESCRIPTION

Fill Borrow (Jeffy Path & Sidewalks) shall consist of hauling in additional material in order to grade the area to the elevations shown on the grading plan. All work under this item shall be completed in accordance with Section 202 of the standard specification except as indicated in the following.

MEATHOD OF MEASUREMENT

The quantity of Fill Borrow in the area of the Jeffy Path and Sidewalks will not be measured in the field, but will be assumed to be the Plan Quantity as shown on the plans.

BASIS OF PAYMENT

Fill Borrow (Jeffy Path & Sidewalks), measured as provided above, will be paid at the contract unit price per Cubic Yard, which shall be full compensation for all hauling of the material, placement and grading to the grades indicated on the plans, and for all labor, materials, tools, equipment, and incidentals necessary to complete this item of work.

BID ITEM 20217 – CLEAR STONE 3”

DESCRIPTION

Clear Stone shall meet the requirements for Gradation Number One (No. 1) of the Standard Specifications, commonly known as three-inch clear stone. The clear stone shall be utilized in **BID ITEM 21011- CONSTRUCTION ENTRANCE** and as part of the construction of **BID ITEM 21014 - CLEAR STONE BERM.**

BID ITEM 20221 – TOPSOIL

DESCRIPTION

Topsoil shall include furnishing, spreading, fine grading and raking the surface in preparation for seeding, in accordance with Section 202 of the Standard Specifications. Contractor may use salvaged topsoil obtained from excavation within the project limits for some or all of the topsoil required. If salvaged topsoil is used, this item includes any additional effort to strip the topsoil, stockpile it on site and prepare it to meet the material specifications. If off-site topsoil is required, no extra compensation will be allowed. All areas within the limits of disturbance, except areas of hard surface, shall have topsoil placed to a minimum thickness of four (4) inches unless otherwise shown on plans.

METHOD OF MEASUREMENT

Topsoil will be measured by the square yard, in place.

BASIS OF PAYMENT

Topsoil will be paid at the contract price per square yard, which shall be full payment for segregating, stockpiling and preparing salvaged topsoil, furnishing additional topsoil from offsite if needed, placing, grading and raking finished surface, all materials, labor and incidentals necessary to complete the work as provided.

BID ITEM 20326 – REMOVE FENCE

DESCRIPTION

All work under this bid item shall be completed in accordance with Section 203 of the Standard Specifications.

The fence to be removed is indicated on the plans. It is generally assumed that all of the fencing that is to be removed is a barbed wire type fence, but the Contractor shall be aware that other types of fences may be encountered and shall still be removed if indicated on the plans for removal or if directed by the Engineer.

The Contractor shall not remove any additional trees if the fence removal is taking place outside of the grading limits shown on the plans, and the Contractor shall also take care to minimize the disturbance when removing the fence. All disturbed areas shall be restored with 4” of topsoil, grass seed and mat, which will each be paid for under the appropriate bid items.

BID ITEM 20401 and 20403 – CLEARING AND GRUBBING

DESCRIPTION

Work under these items consists of the clearing and grubbing of individual trees either 1) west of Sta 49+00 on the Ice Age Junction (IAJ) Path or 2) within the wooded area east of Sta 49+00 but outside the construction limits necessary to complete the path, channel and pipe work in that general area. These

may include both individual trees shown on the plans for removal or trees removed at the direction of the Engineer or City Forester.

Clearing and Grubbing shall be done in accordance with Article 204 of the Standard Specifications as modified in these Special Provisions.

CONSTRUCTION METHODS

Contractor shall mark the removals in the field and shall review the individual trees to be removed with the Construction Engineer and the City Forester prior to removing them.

The construction Engineer and /or Forrester may designate certain trees near or within the intercepts to be saved or preserved with a wall or other methods. Such trees shall be clearly marked and if necessary silt fence, construction fencing or other marking used to ensure that they are not damaged.

METHOD OF MEASUREMENT

Clearing and Grubbing will be measured by Inch-Diameter as provided in the Standard Specifications. Only trees with a 3-inch or greater diameter, measured approximately 4.5 feet above ground level will be measured.

BASIS OF PAYMENT

Clearing and Grubbing, measured as provided above, will be paid at the contract price per Inch-Diameter, which shall be full payment for all work to complete this item in accordance with the Standard Specifications. Tree Preservation walls are paid for separately. Clearing and grubbing within the wooded area is paid for separately.

BID ITEM 20704 – INFILTRATION SEEDING

Work under this bid item shall be in accord with the City of Madison Standard Specifications for Public Works Construction for installation seed rate and method including mulching, fertilizing, soil stabilization and watering. The seed mix used shall be the wetland infiltration seed mix as shown in special provisions (Wetland Restoration Seed Mix - Jeffy Trail). This seed mix is the mix that was approved by the WDNR with the NR-103 permit. This seed mix shall be utilized within the delineated wetland and within 20' of the delineated wetland areas as shown of on the plan set.

Wetland Restoration Seed Mix - Jeffy Trail

SEEDING RATE: 10 POUNDS PER ACRE

CONTENTS OF MIX SUBJECT TO CHANGE BASED UPON SEED AVAILABILITY

FORBS		Grams/ 1/10 Acre (1 lb. mix)	Seeds/oz	Seeds/sq. ft.	% Weight of Total Mix	% Seeds of Total Mix
Asclepias incarnata	Red Milkweed	12	4,500	0.44	3.11%	0.55%
Aster novae-angliae	New England Aster	4	70,000	2.27	1.04%	1.40%
Cassia hebecarpa	Wild Senna	14	1,400	0.16	3.63%	0.41%
Eupatorium maculatum	Joe Pye Weed	2	85,000	1.38	0.52%	0.99%
Eupatorium perfoliatum	Boneset	2	200,000	3.24	0.52%	1.86%
Helenium autumnale	Dogtooth Daisy	4	100,000	3.24	1.04%	1.86%
Heliopsis helianthoides	Ox Eye Sunflower	12	6,500	0.63	3.11%	0.64%
Iris shrevei	Wild Iris	4	1,400	0.05	1.04%	0.36%
Iris versicolor	Blue Flag Iris	4	1,500	0.05	1.04%	0.36%
Liatris spicata	Dense Blazingstar	4	12,000	0.39	1.04%	0.52%
Mimulus ringens	Monkeyflower	4	2,500,000	80.98	1.04%	38.37%

Penstemon digitalis	Smooth Penstemon Green Headed	4	100,000	3.24	1.04%	1.86%
Rudbeckia laciniata	Coneflower	4	15,000	0.49	1.04%	0.57%
Rudbeckia triloba	Brown Eyed Susan	4	33,000	1.07	1.04%	0.84%
Sagittaria latifolia	Common Arrowhead	4	70,000	2.27	1.04%	1.40%
Solidago ohioensis	Ohio Goldenrod	4	90,000	2.92	1.04%	1.71%
Thalictrum dasycarpum	Tall Meadowrue	8	13,000	0.84	2.07%	0.74%
Verbena hastata	Blue Vervain	4	100,000	3.24	1.04%	1.86%
Vernonia fasciculata	Ironweed	4	20,000	0.65	1.04%	0.64%
Veronicastrum virginicum	Culver's Root	4	750,000	24.29	1.04%	11.75%
Zizia aurea	Golden Alexanders	8	12,000	0.78	2.07%	0.71%
TOTAL FORBS		114		132.58	29.53%	69.72%
<u>GRASSES & SEDGES</u>						
Elymus canadensis	Canada Wild Rye	100	4,200	3.40	25.91%	1.60%
Elymus virginicus	Virginia Wild Rye	100	4,200	3.40	25.91%	1.60%
Carex bebbii	Bebb's Sedge	12	100,000	9.72	3.11%	4.56%
Carex comosa	Bottlebrush Sedge	8	24,000	1.55	2.07%	0.73%
Carex hystericina	Porcupine Sedge	8	36,000	2.33	2.07%	1.10%
Carex stipata	Awl Fruited Sedge	8	40,000	2.59	2.07%	1.22%
Carex vulpinoidea	Fox Sedge	8	90,000	5.83	2.07%	2.74%
Scirpus atrovirens	Dark Green Bulrush	16	140,000	18.14	4.15%	8.52%
Scirpus cyperinus	Woolgrass	12	180,000	17.49	3.11%	8.22%
TOTAL GRASSES & SEDGES		272		64.46	70.47%	30.28%
TOTALS PER POUND OF MIX		386		197.04	100.00%	100.00%
<u>ADDITIONAL PRAIRIE CORDGRASS SEED</u>						
Spartina pectinata	Prairie Cordgrass	57	9,000	4.15	12.87%	2.06%
TOTAL MIX, WITH ADDITIONAL CORDGRASS		443		201.20		

BID ITEM 21001 – EROSION CONTROL PLAN & IMPLEMENTATION

Contractor shall provide an erosion control plan with the Contractor's construction phasing.

BID ITEM 21011 – CONSTRUCTION ENTRANCE

Locations of construction entrances shall be as shown on plans or directed by the Engineer. It is expected construction entrance pads may have to be moved or replaced in different locations as construction progresses. It shall be the Contractor's responsibility to maintain the required construction entrances in locations that accommodate the various stages of work and no additional payment will be made for such work.

BID ITEM 21014 – CLEAR STONE BERM (DITCH CHECK)

Work under this item shall include installation of an erosion control berm as directed in the field for erosion control. This item shall include the following:

1. Typical berm height of three (3) feet

2. Depth of berm from front to back will vary with height but will typically include 1:1 slopes and a two (2) foot flat top. So for standard height the depth will be eight (8) feet;
3. Width as determined in the field;
4. Consist of three (3) inches clear stone paid under BID ITEM 20217;

Payment for the required stone shall be paid under BID ITEM 20217.

BID ITEM 21061 - EROSION MATTING, CLASS I TYPE URBAN A

DESCRIPTION

Work under this bid item shall consist of furnishing and installing Class I Type Urban Erosion Control Revegetative Mat (ECRM) on all disturbed areas to be seeded, except those areas specifically shown on the plans or directed by the Construction Engineer to be matted with a different material. The ECRM shall be one of the products listed in the Wisconsin Department of Transportation Erosion Control Product Acceptability List (PAL), under the category "Erosion Mat, Class 1, Urban, Type A."

METHOD OF MEASUREMENT

ECRM shall be measured by the square yard in place, not including runout in anchor trenches or overlap. No adjustment shall be made for slope. Contractor may use matting in place of mulch for the trench area restored under Item 20711, but this area will not be measured for payment and will be considered incidental to Item 20711.

BID ITEM 21072 – EROSION MATTING CLASS II TYPE B (ORGANIC)

Work under this bid item shall be in accord with the City of Madison Standard Specifications for Public Works Construction. EROSION MATTING CLASS II TYPE B (ORGANIC) with all organic netting shall be installed in locations shown on the plans, as directed by the Construction Engineer or as required by Permits. At the creek crossing the matting shall be 100% coconut, which will be paid for as EROSION MATTING CLASS II TYPE B (ORGANIC).

SECTION 500: SEWERS AND SEWER STRUCTURES

STORM SEWER GENERAL

The storm sewer designer for this project is Greg Fries. Greg may be contacted by phone at (608) 267-1199 or by email at gfries@cityofmadison.com.

SANITARY SEWER GENERAL

Sanitary sewer pipe work shall include installing new PVC SDR 26 at the sizes and locations that are specified on the plan set and in accordance with the Standard Specifications.

All new sanitary sewer access structures shall include the Neenah R-1550-0054 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 2013 ed.). All new sewer main connections may be factory cored and shall be included in the structure. 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.

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

The Sanitary Sewer Designer for this project is Mark Moder, Phone: 261-9250, or email: mmoder@cityofmadison.com.

BID ITEM 50390 – SEWER ELECTRONIC MARKERS

With regard to the City of Madison Standard Specifications for Public Works Construction 2013 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.

BID ITEM 50801 – UTILITY LINE OPENING (ULO)

The work under this item shall be completed in accordance with Article 508 of the Standard Specifications for Public Works Construction. It is the discretion of the contractor to locate utilities by either a trench excavation or by a pothole technique. However, the contractor shall not be compensated more than once for multiple utilities located within a maximum distance of five (5) feet long.

SECTION 601.10: MATERIALS FURNISHED BY THE CITY OF MAIDSON

The following electrical materials will be furnished to the Contractor at the Traffic Operations Shop, 1120 Sayle Street. The Contractor shall notify the Traffic Operations Shop (Dennis Rowe at 266-9034) twenty four (24) hours prior to picking up any materials. Complete quantities of an item shall be picked up on one appointment unless Dennis Rowe agrees to a partial quantity disbursement.

- 29 foot concrete pole: 13
- 4 foot mast arm for concrete pole: 13
- 50-watt LED fixture: 13

BID ITEM 60503 – INSTALL CITY-FURNISHED CONCRETE POLE STREET LIGHT UNIT

SECTION 605.2(C) of the Standard Specifications for PRECAST CONCRETE POLE are modified as follows: Included under this item shall be furnishing and installing two flexible conduits, one-inch size, from each pullbox to each pole. All wire splicing shall be made in the pole handhole.

MEASUREMENT AND PAYMENT

The price shall include payment for furnishing and installing the flexible conduits specified under Section 605.2(c) in these special provisions

SECTION 701: GENERAL PROVISIONS FOR WATER INSTALLATION AND ABANDONMENT

This project consists of furnishing and installing primarily 8-inch water main (including hydrants, valves, fittings, etc.) throughout the project limits of construction or where otherwise indicated. This water main is an extension of the Wolfe Addition to Hawk's creek, and each dead end will terminate at temporary hydrants, which will be relocated in subsequent phases of construction.

Once the new sections of water main have passed the pressure and water quality tests, cut off, extend as necessary, and reconnect the existing water service laterals to the new water main as indicated on the plans.

Visit the site prior to bidding to become better familiar with all existing conditions and utilities.

SECTION 703: CONSTRUCTION METHODS

Perform all work in accordance with these provisions and the City of Madison Standard Specifications for Public Works Construction, most recent edition. Keep all valves accessible and functioning throughout the duration of the work unless directed otherwise by a Water Utility representative.

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 the 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 70404 REMOVAL OF EXCESS AMOUNTS OF BOULDERS

This item is included in the contract because boulders were noted on the boring logs in the depth range that sections of water main will be constructed. This item shall only be paid if a boulder is encountered during water main installation, per the description in the Standard Specifications.

BID ITEM 90001 – BIKE RAILING TYPE 1

DESCRIPTION

This special provision describes fabricating, galvanizing, painting and installing railing in accordance with Sections 506, 513 and 517 of the WisDOT Standard Specifications and the plan details, as directed by the Engineer, and as hereinafter provided.

MATERIALS

All materials for railing shall be new stock, free from defects impairing strength, durability and appearance. Railing assemblies shall be galvanized and receive a two-coat coating system. Bubbles, blisters and flaking in the coating will be a basis for rejection.

Railing Components

Base plates shall conform to ASTM A709 Grade 36

Steel Tubes shall conform to ASTM A500 Grade B

All welds shall be 3/16 inch fillet welds with E70XX electrodes unless otherwise noted.

Post based plates shall be flat with all surfaces smooth and free from warp and all edges smooth, straight and vertical. All plate cuts shall be machine or machine flame cut.

Fill bolt slot openings in post shims and base plate with non-staining gray, non-bituminous joint sealer.

Steel post shims may be used under posts where required for alignment.

Mounting hardware shall conform to ASTM 325.

Coating System

Galvanizing

After fabrication, blast clean steel railing assemblies per SSPC-SP6 and galvanize according to ASTM A123. Vent holes shall be drilled in members as required to facilitate galvanizing and drainage. Location and size of vent holes are to be shown on the shop drawings. All burrs at component edges, corners and at holes shall be removed and sharp edges chamfered before galvanizing. Condition any thermal cut edges before blast cleaning by shallow grinding or other cleaning to remove any hardened surface layer. Remove all evident steel defects exposed in accordance to AASHTO M 160 prior to blast cleaning. Lumps, projections, globules, or heavy deposits of galvanizing, which will provide surface conditions that when painted, will produce unacceptable aesthetic and/or visual qualities, will not be permitted.

Two-Coat Paint System

After galvanizing, paint all exterior surfaces of steel railing assemblies and inside of rail elements at field erection and expansion joints as hereinafter provided. All galvanized surfaces to be painted shall be cleaned per SSPC-SP1 to remove chlorides, sulfates, zinc salts, oil, dirt, organic matter and other contaminants. The cleaned surface shall then be brush blast cleaned per SSPC-SP16 to create a slight angular surface profile per manufacturer's recommendation for adhesion of the tie coat. Blasting shall not fracture the galvanized finish or remove any dry film thickness. After cleaning, apply a tie coat from an approved coating system that is specifically intended to be used on a galvanized surface, per manufacturer's recommendations. The tie coat shall etch the galvanized rail and prepare the surface for the top coat. Apply a top coat per manufacturer's recommendations, matching the specified color shown on the plans. Use a preapproved top coat that is resistant to the effects of the sun and is suitable for a marine environment. The tie and top coats should be of contrasting colors, and come from the same manufacturer.

Ensure that the paint manufacturer reviews the process to be used for surface preparation and application of the paint coating system with the paint applier. The review shall include a visit to the facility performing the work if requested by the paint manufacturer. Provide written confirmation, from the paint manufacturer to the engineer, that the review has taken place and that issues raised have been addressed before beginning coating work under the contract.

Use one of the qualified paint manufacturers and products given below. An equivalent system may be used with the written approval of the Engineer.

Manufacturer	Coat	Products	Dry Film Minimum Thickness (mils)	Min. Time ¹ Between Coats (hrs)
Tnemec 6800 Corporate Drive Kansas City, MO 64120 1-800-863-6321	Tie	F.C. Typoxy Series 27	2.0 to 6.0	8
	Top	Endura-Shield II Series 1074U	2.0 to 3.0	NA
Carboline 2150 Schuetz Road St. Louis, MO 63146 314-644-1000	Tie	Carboguard 888	3.0 to 4.0	8
	Top	Carboxane 2000 Satin	2.0 to 4.0	NA
Wasser Corporation Suite B Auburn, WA 98001 253-850-2967	Tie	MC- Miozinc	3.0 to 4.0	8
	Top	MC- FerroX A 2.8	2.0 to 4.0	NA

SHOP DRAWINGS

Submit shop drawings showing the details of railing construction. Show the railing height post spacing, rail location, weld sizes and locations and all dimensions necessary for the construction of the railing. Show location of shop rail splices, field erection joints and expansion joints. State the name of the paint manufacturer and the product name of the tie coat and top coat used along with the color. State the size and material type used for all components. Also show the size and location of any vent or drainage holes provided.

CONSTRUCTION

Delivery, Storage and Handling

Deliver material to the site in an undamaged condition. Upon receipt at the job site, all materials shall be thoroughly inspected to ensure that no damage occurred during shipping or handling and conditions of materials is in conformance with these specifications. If coating is damaged, Contractor shall repair or replace railing assemblies to the approval of the Engineer at no additional cost to the Owner. Carefully store the material off the ground to ensure proper ventilation and drainage. Exercise care so as not to damage the coated surface during railing installation. No field welding, field cutting or drilling will be permitted without the approval of the Engineer.

Touch-up and Repair

For minor damage caused by shipping, handling or installation to coated surfaces, touch- up the surface in conformance with the manufacturer's recommendations. If damage is excessive, the railing assembly shall be replaced at no additional cost to the Owner. The Contractor shall provide the Engineer with a copy of the manufacturer's recommended repair procedure and materials before repairing damaged coatings.

METHOD OF MEASUREMENT

Bike Railing Type 1 will be measured by the lineal foot completed and accepted.

BASIS OF PAYMENT

Bike Railing Type 1, measured as described above will be paid for at the contract unit price per lineal foot. Payment is full compensation for furnishing, hauling, and placing the specified material, including all equipment, tools, labor and incidentals necessary to complete the work as specified. Any mounting hardware required is incidental and included in the unit price for Bike Railing Type 1.

BID ITEM 90002 – PREFABRICATED PEDESTRIAN BRIDGE

DESCRIPTION

The work shall consist of furnishing a fully-engineered, fabricated steel truss pedestrian bridge structure, including bearings, and transporting and erecting it on abutments, as shown in the plans, in accordance with Part 5 of the WisDOT Standard Specifications and as provided herein. These specifications shall be regarded as minimum standards for design and construction. The work includes concrete deck and reinforcement, shim plates, safety rails, handrails, and cover plates as shown in the plans and described herein.

Approved Manufacturers: The superstructure shall be designed and manufactured by one of the following:

Continental Bridge
8301 State Hwy. 29N
Alexandria, MN 56308
(800) 328-2047

Steadfast Bridge Company
4021 Gault Ave. South
Fort Payne, AL 35967
(800) 749-7515

Big R Manufacturing LLC
P.O. Box 1290
Greeley, CO 80632-1290
(800) 234-0734

Wheeler Lumber LLC
9330 James Ave. South
Bloomington, MN 55431
(800) 328-3986

Anderson Bridges
111 Willow St.
Colfax, WI 54730
(715) 962-2800

To be eligible for this project, pre-fabricated bridges from other manufacturers must be pre-approved prior to the bid opening date.

Plan Requirements and Submittals: Submit four sets of prints of the superstructure plans and one set of design computations to the engineer for acceptance. Make submittals to:

City of Madison, Engineering Division
Attn: Anthony Fernandez
210 Martin Luther King Jr Blvd, Room 115
Madison, WI 53703
AFernandez@cityofmadison.com

Make submittal no later than **twelve (12) weeks** after date of notice of contract approval. Allow the following time period in the construction schedule: 10 working days after the first receipt of plans by the City of Madison for a complete initial review of the design and plans submittal, and an additional 5 working days for any necessary revisions and/or corrections.

Include in the submittal the following;

1. Basic design criteria shown on the design plans.
2. Complete detailed drawings of all structural steel connections, sizes of members, span lengths between bearing points, skews, walkway widths, height of handrails and safety rails, bearing assembly details, anchor bolt locations, concrete deck reinforcement, conduit connections, cover plate details, design data, materials data, and dead and live load bearing reactions.
3. Engineer's certification. The plans shall be sealed, signed and dated by a Professional Engineer registered in the State of Wisconsin.
4. One set of design calculations with independent checks.

One set of prints from this submittal, and any subsequent submittals, will be returned to the Contractor, either indicating acceptance or marked with required revisions and/or corrections. Provide the engineer copies of final plans to be used in fabrication and construction.

MATERIALS

Prefabricated Steel Truss Bridge Superstructure

Structural design of the pedestrian bridge superstructure shall be by a Professional Engineer registered in the State of Wisconsin.

Design the superstructure in accordance with the latest Edition of the AASHTO LRFD Bridge Design Specifications, all current interims, and the AASHTO LRFD Guide Specifications for Design of Pedestrian Bridges, except as modified herein.

The bridge superstructure shall be a "Half-H" shape truss with profile as shown on the plans with one diagonal per panel and square end vertical members. The top of the finished concrete deck surface shall match the profile as supplied in the plans. An underhung pony truss with floor beams hung under the lower chords will not be allowed. The bridge shall be constructed of unpainted weathering steel.

All fabrications shall be produced from high strength, low alloy, atmospheric corrosion resistant ASTM A847 cold-formed welded square and rectangular tubing, ASTM A606 sheet, and/or ASTM A588, ASTM A242, or ASTM A709 Grade 50W plate and structural steel shapes ($F_y=50,000$ psi) with a minimum corrosion index of 5.8 per ASTM G101.

Design welded tubular connections in accordance with the Structural Welding Code-Steel ANSI/AWS D1.1. The fracture critical requirements of ANSI/AWS D1.5 do not apply, and Charpy V-notch impact testing will not be required. Loading shall be as stated in Article 1.2 of the AASHTO Guide Specifications for Design of Pedestrian Bridges. The bridge superstructure shall be a half-through truss. Chords, diagonals, verticals, bracing, and floor beams may be tube steel. Tube steel shall have a minimum thickness of 1/4-inch. All other steel shapes shall have a minimum thickness of 5/16-inch. Field splices shall be bolted with ASTM A325 high strength bolts in accordance with the "Specifications for Structural Joints Using ASTM A325 or A490 Bolts". Type 3 bolts are required for weathering steel. For top and bottom chord field splices, splice plates are required on both the inside and outside surface of the spliced tubing so that each bolt will be acting in double shear. Nuts may be welded to the splice plates to hold them in place during installation. When the collection of water inside a structural tube is a possibility, either during construction or during service, provide the tube with a drain hole at its lowest point.

Camber the bridge to offset the calculated dead load deflection plus an amount equal to 1% of the bridge length.

Concrete bridge decks shall be continuous over the floor beams and supported by 20-gauge, 1.5 to 2.0 inch deep corrugated galvanized steel stay-in-place deck forms. The minimum slab thickness shall be 6 inches measured from the bottom of the deck form. Design the longitudinal reinforcing steel in the slab based on a wheel load from the design truck located one foot from the face of the curb or toe plate, or a pedestrian live load of 90 psf, whichever controls. The bridge shall be designed for an AASHTO Standard H-10 Truck loading. Do not place an H-Truck live load in combination with pedestrian live load.

The total depth of the structure measured from top of the finished concrete deck to the bottom of the bearing pad shall not exceed 2'-10". This dimension shall be verified by the contractor.

Concrete strength (f'_c) shall be 4,000 psi and F_y of bar steel shall be 60,000 psi. The maximum unit weight of the deck concrete shall be 150 pcf. Use a design dead load of 150 pcf. Use load factors of 1.25 for dead load and 1.75 for live load for the design of the concrete slab. Minimum concrete cover shall be 2 inches for top reinforcement and 1 inch for bottom reinforcement. Design the bridge for expansion and contraction with a temperature range of -30° F to 120° F. Utilize teflon slip pads or other approved material on the sliding surface of the expansion bearing assembly.

Horizontal safety rails are required; the maximum opening in the rail shall be 6 inches between 0"-27" from the deck surface and 8 inches greater than 27" from deck surface. The top of rail height shall be 4.0 feet above the deck surface.

The bridge shall be supplied with a steel toe plate mounted to the inside face of both trusses. The toe plate shall be a minimum of 4 inches high. Toe plating will be welded to the truss members at a height adequate to provide a 2" gap between the bottom of the plate and the top of the deck or the top of the bottom chord, whichever is higher. The span of unstiffened flat toe plating (from center to center of supports) shall not exceed 5'-8".

The bridge shall be supplied with a 1"x 5-1/2" (actual size) naturally durable hardwood Ipe (Tabebuia Spp Lapacho Group) rubrail. Rubrail shall be partially air dried to a moisture content of 15% to 20%, shall be supplied S4S (surfaced four sides), E4E (eased four edges), with the edges eased to a radius of 1/8". Measured at 30% moisture content, the width and thickness shall not vary from specified dimensions by more than ± 0.04 inches. Ends of each piece shall be sealed with "Anchorseal" Mobil CER-M or an equal aqueous wax log sealer.

Rubrails shall be attached flush to the inside face of the bridge truss verticals and fastened with two carriage bolts at each support location. The span of the rubrail from centerline to centerline of support shall not exceed 6'-6".

The bridge shall be supplied with steel cover plates as shown on the plans, to be installed by the contractor when the concrete deck is poured. The cover plates are to bridge the gap between the concrete deck and the abutment.

Shim plates shall be provided by the contractor in order to level the bridge. The shim plates shall be supplied of varying thicknesses and shall match the size of the bearing plate and bolt pattern on the bearing plate.

Anchor bolts shall be supplied and installed by the contractor as recommended by the prefabricated bridge manufacturer.

Hand rails shall be installed on the prefabricated bridge between 36-44 inches from the deck surface.

Weld Testing

An independent agency shall perform nondestructive weld testing; the manufacturer shall pay for this testing. All welds are to be visually inspected.

Ten percent of all fillet welds shall be magnetic particle tested.

All full penetration welds of chords shall be ultrasonically or radiographically tested.

Bottom chord welded tube splices for tube thicknesses less than 3/8-inches thick shall be radiographically tested or covered with fillet welded splice plates with non intersecting welds which develop 75% of the spliced member strength.

Submit a written testing report upon completion.

CONSTRUCTION

Delivery and Erection: Deliver the bridge by truck to the location that is nearest to the site and accessible by road. The Contractor is responsible for unloading the bridge from the truck at the time of arrival.

The manufacturer shall notify the Contractor in advance of the expected arrival time. Information regarding delays after the trucks depart the plant such as inclement weather, delays in permits, rerouting by public agencies, or other circumstances shall be passed on to the Contractor as soon as possible.

The manufacturer shall advise the Contractor of the actual lifting weights, attachment points, anchor bolt size, length, embedment depth, pattern and all other pertinent information needed to install the bridge. Unloading, splicing, bolting, and providing proper lifting equipment as well as all tools, equipment, labor, and miscellaneous items required to complete the work is the responsibility of the Contractor. The procedure for bolting field splices shall be given to the Contractor by the manufacturer.

The cover plate on each end of the bridge shall be placed after the concrete deck has been poured and before initial set unless it can be held in place prior to the concrete pour and concrete can be placed under the cover plate sufficiently. The top of the abutments shall be ground down smooth and level to accept the cover plate and as shown in the plans. Grinding shall be done to make sure cover plate's seat on the abutments properly. The remaining top of the abutments shall be ground smooth in conformance with the profile of the trail.

Shim plates shall be used at the bearing pads in order to provide level placement of the bridge. Some grinding of the bearing area at the existing abutments may be required to provide a smooth and level bearing area.

Anchor bolt pattern shall be supplied by the prefabricated bridge manufacturer. Anchor bolts shall be installed per manufacturer's recommendations and to the proper embedment depth.

Finishes: Blast-clean all exposed surfaces of weathering steel in accordance with Steel Structures Painting Council Surface Preparation Specifications No. 7 Brush-Off Blast Cleaning (SSPC-SP7), latest edition. Exposed surfaces of weathering steel shall be defined as those surfaces seen from the deck and from outside the structure. Stringers if used, floor beams, lower brace diagonals and the inside face of the truss below the deck, and bottom of the bottom chord do not need to be blasted.

METHOD OF MEASUREMENT

Prefabricated Pedestrian Bridge shall be measured as a single lump sum unit, completed and accepted.

BASIS OF PAYMENT

Prefabricated Pedestrian Bridge, measured as described above will be paid for at the contract unit price Lump Sum. Payment is full compensation for designing, manufacturing, weld testing, blast cleaning, transporting and erecting the pedestrian bridge, furnishing and installing the concrete deck and reinforcement, providing and installing cover plates, performing all grinding of abutments, backwalls and/or abutment bearing areas necessary to accommodate bridge, providing and installing shim plates as required, furnishing bearing plates, pads, bolts, anchors bolts, and grout; and for furnishing all labor, tools, equipment, materials, and incidentals necessary to complete the contract work.

BID ITEM 90003 – REINFORCED CONCRETE BRIDGE ABUTMENTS

This work shall consist of constructing both reinforced concrete sub-structure units for the bridge, including pile cap, abutments and wingwalls. It includes excavation for structures, concrete masonry, bar steel reinforcement pipe underdrains, rubberized membranes, backfill and protective surface treatment. It does not include pilings, steel superstructure, railings or rip rap protection, which are specified and paid for separately.

DESCRIPTION, MATERIALS AND CONSTRUCTION METHODS

Excavation and Backfill for Structures

All excavation for the two substructure units shall be in accordance with the Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, Part 2, Section 206, regarding description, materials and construction.

All backfilling for the two substructure units shall be in accordance with the Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, Part 2, Section 210, regarding description, materials and construction.

Concrete Masonry for Substructure Units

All concrete masonry for the substructure units shall be in accordance with the dimensions and details shown on the plans and with the Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, Part 5, Section 519, regarding description, materials and construction. Contractor shall verify critical dimensions with the bridge supplier prior to forming or pouring concrete. These include the face-to face of abutment backwalls to allow for proper expansion space and vertical dimension from bearing seat to top of backwall.

Protective Surface Treatment

Protective surface treatment shall be applied to exposed concrete surfaces as shown on the plans or directed by the Engineer. This work shall be in accordance with the Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, Part 6, Section 623, regarding description, materials and construction.

Bar Steel Reinforcement

High strength bar steel reinforcement, both coated and un-coated, shall be furnished and installed for both substructure units in accordance with the plans and details and as provided herein. All bar steel shall be in accordance with the Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, Part 5, Section 505, regarding description, materials and construction.

Rubberized Membrane Waterproofing

Rubberized waterproof membrane shall be applied to all vertical and horizontal joints on the back face of abutments as shown on the plans and details. This work shall be in accordance with the Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, Part 5, Section 516, regarding description, materials and construction.

Pipe Underdrain

Perforated 6-inch pipe underdrain shall be installed behind both abutments as shown on plans and details. Unperforated 6-inch underdrain shall be used to carry drainage to a suitable outfall location as shown on plan and as directed by the Engineer. This work shall be in accordance with the Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, Part 6, Section 612, regarding description, materials and construction.

METHOD OF MEASUREMENT

Reinforced Concrete Bridge Abutments shall be measured as a single lump sum unit, including in a single item both the north and south abutments, completed and accepted.

BASIS OF PAYMENT

Reinforced Concrete Bridge Abutments, measured as described above will be paid for at the contract unit price Lump Sum. Payment is full compensation for excavation for structures, forming, placement of steel, placing and finishing concrete, installing waterproof membrane and underdrains, applying concrete surface treatment and for furnishing all labor, tools, equipment, materials, and incidentals necessary to complete the contract work. The C.I.P. pilings, superstructure, concrete deck, railings and riprap protection for abutments are specified and paid for separately.

BID ITEM 90004 – CLEARING AND GRUBBING – WOODED AREA

DESCRIPTION

Much of the project west of Sta 49+00 on the Ice Age Junction (IAJ) Path and the Jeffy Path will be constructed within or immediately adjacent to existing wooded area. This construction includes the IAJ Path from Raymond Road to Sta 49+00, the entire Jeffy Path all sanitary sewer and water main and the storm pipe and channel work associated with the Hawks Creek Pond outfall. It also includes a small wooded area from Sta 53+50 to Sta 54+00.

Work under this item include the clearing and grubbing of trees necessary to complete this work within the wooded area described above. Clearing and grubbing of individual trees outside the wooded area will be measured and paid for separately under the appropriate bid items. Also, individual tree removals directed by the Engineer which are within the general wooded area but outside the limits necessary to complete the work will be paid for under these separate items.

Grading limits as well as the existing tree lines in the areas indicated above are shown on the plans.

CONSTRUCTION METHODS

Clearing and Grubbing shall be done in accordance with Article 204 of the Standard Specifications as modified in these Special Provisions.

At the start of construction the Contractor shall mark the limits of all tree removals within the wooded area, in cooperation with the Engineer. These limits are assumed to be the slope intercepts along the paths. It is the responsibility of the contractor to minimize the area of tree removals for the pipe installations outside path intercepts or grading limits, based on their equipment and construction methods, and to mark the clearing limits accordingly.

Contractor shall review in the field the individual trees to be removed with the Construction Engineer and the City Forrester prior to removing any trees. The construction Engineer and /or City Forrester may designate certain trees near or within the intercepts to be saved or preserved with a wall or other methods. Such trees shall be clearly marked and if necessary silt fence, construction fencing or other marking used to ensure that they are not damaged.

Work may include removal of brush or branches of trees which interfere with construction, without completely removing or grubbing the tree in question.

Contractor is alerted that no oak trees may be removed or trimmed between the dates of April 1 and October 15 without special caution and in the presence of a Forestry representative. All trees in the vicinity of oak trees to remain shall be removed in pieces or otherwise felled in a direction and manner which will prevent damage to the oak tree.

METHOD OF MEASUREMENT

Clearing and Grubbing – Wooded Area will be measured as a single lump sum unit of work, acceptably completed within the designated limits. This area is estimated to be approximately 10,000 square yards. No field measurement will be made of this area.

BASIS OF PAYMENT

Clearing and Grubbing – Wooded Area, measured as provided above, will be paid at the contract price per Lump Sum, which shall be full payment for cutting and removing trees of any diameter, grubbing stumps to the extent necessary to complete the path, sidewalk, grading and pipe construction within the wooded area as defined, protection of oak trees as provided and all work to complete this item in accordance with the Standard Specifications. Tree Preservation walls if required will be considered extra

work. Removals outside the wooded area as noted above will also be paid for separately as provided under Items 20401, 20403 and 90030.

BID ITEM 90005 TREE PROTECTION

DESCRIPTION

Contractor is advised that no trees outside the wooded area as defined herein may be removed except those specifically indicated for removal on the plans or as directed by the Construction Engineer. Contractor shall not grade, excavate, store materials or equipment or otherwise disturb areas within five (5) feet of any tree in the Flagstone Park area in accordance with Article 107.2 of the Standard Specifications. Contractor shall take care at all times to conduct operations in a way that avoids damage to any trees not designated for removal. All above precautions are considered incidental to other items of the work.

There are a number of trees which, because of their proximity to the construction, their susceptibility to damage and/or their importance to the landscape, warrant additional protective measures. Such trees are shown on the plans or will be designated in the field by the Construction Engineer. Contractor shall take extra precautionary measures to protect such trees as provided herein.

MATERIALS

Construction fencing shall be International Orange color, high-density polyethylene mesh conforming to the following:

- Mesh opening: 1 inch min to 3 inch max
- Height: 4 feet
- Ultimate tensile strength: Avg 3000 lb per 4' width (ASTM D638)

Posts shall be conventional metal "T" or "U" shaped posts

CONSTRUCTION METHODS

All trees to be protected shall be flagged with yellow ribbon tied around trunk, not by paint. Erect and maintain construction fencing between the construction area and the trees a minimum of 5 feet from trunks. Support construction fence on posts spaced no more than 7 ft apart driven 12 to 18 inches.

Trees may be individually fenced or fencing may be extended longitudinally to protect several trees. Fencing must extend a minimum of 15 feet beyond the tree or group of trees to be protected in both directions longitudinally to the reference line. It is not required to completely surround each tree as long as the fence arrangement clearly separates the construction activity from the tree or trees, and is approved by the Construction Engineer.

All rough grading, excavation or trenching within the drip line of protected trees shall be done under the supervision of a City of Madison Forestry representative. Contractor shall notify the Construction Engineer a minimum of two working days in advance of any such work to arrange for the Forestry representative to be present. Where it is likely that grading or trenching will encounter roots of a protected tree greater than 1 inch in diameter, the roots shall be exposed by hand and the Forestry representative will determine where to sever root(s). Roots shall be cut cleanly with a saw or ax.

If in the opinion of the Forestry representative excavation to subgrade as shown on the plans cannot be done without unacceptable damage to trees to be protected, the Construction Engineer may request a reduced base thickness or other modifications to reduce damage to the tree. Likewise, excavation below subgrade (undercutting) may be deleted as directed by the Construction Engineer in certain locations where necessary to protect trees. Any horizontal alignment modifications shall be made in consultation with the Design Engineer.

If it is necessary in the opinion of the Construction engineer to remove additional overhanging branches of protected trees, the contractor may prune the trees for crown cleaning and raising as defined by ANSI A3000 for Tree Care Operations. Such work shall be done under the supervision of the Forestry representative.

METHOD OF MEASUREMENT

Tree Protection will be measured as complete units of work for each individual tree designated for protection, flagged and protected as provided herein. Any tree which is damaged in any way as a result of insufficient care on the part of the Contractor or failure to implement the measures provided above will not be measured for payment. In addition, damages may be assessed in accordance with Article 107.2 of the Standard Specifications.

BASIS OF PAYMENT

Tree Protection, measured as provided above, will be paid for at the contract price each, which shall be full compensation for all work, materials, labor, and incidentals required to complete the work including furnishing, erecting, maintaining and removing safety fencing, hand excavating and cutting of roots and trimming of branches, coordination with City Forestry and all labor, materials, equipment and incidentals necessary to complete the work. 50% of the bid price for Tree Protection will be paid after installation of fencing and 50% of the bid price will be paid after removal of fencing and completion of operations with potential to damage trees.

BID ITEM 90010 – HEAVY RIPRAP (BANK PROTECTION)

Heavy Riprap shall be placed over geotextile fabric Type HR at the ground surface in front of wingwalls and abutments to the approximate lines and grades shown on the plans and as directed by the Engineer. This work shall be in accordance with the Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, Part 6, Section 606, regarding description, materials and construction methods.

The fabric shall conform to the requirements for Geotextile Fabric, Type HR in the Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, Part 6, Section 645, regarding description, materials and construction.

MEASUREMENT AND BASIS OF PAYMENT

Heavy Riprap will be measured in Cubic Yards and paid for at the contract unit price per C.Y in accordance with the Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, Part 6, Section 606. The geotextile fabric will not be measured separately for payment but will be considered incidental to the item of Heavy Riprap.

BID ITEM 90011 – C.I.P. PILING, DELIVERED AND DRIVEN

Piling shall be 10 3/4 INCH X 0.365-INCH CIP concrete, delivered and driven as shown on plans and provided herein. .

All aspects of Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, Part 5, Section 510, including description, materials, construction, measurement and payment.

BID ITEM 90015 – CONCRETE APPROACH SLAB FOR PATH

A reinforced concrete approach slab shall be constructed at both approaches to the bridge, in accordance with the plans and details and as provided herein. This work shall be in accordance with the Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, Part 4, Section 415, regarding description, materials, construction, measurement in Square Yards and basis of payment.

BID ITEM 90030– REMOVE SEPTIC SYSTEM

DESCRIPTION

Work under this bid item include all work, materials, coordination, labor and incidentals to remove the septic system located at 2501 Jeffy Trail which is located in the Jeffy Trail Right of Way. Work shall include coordinating abandonment with the property owner(providing 3 days notice), pumping the tank prior to removal, tree removal and grubbing as necessary, removal and disposal tanks and associated piping, backfilling the voids with general fill and restoration. Restoration of the private property shall include grading the area with a minimum of four (4) inches of topsoil, seeding and erosion matting Class I Urban. Tree Removal as needed to install lateral piping shall be considered incidental to removal of the septic. Seeding shall conform to the City of Madison terrace seed as outlined in the City of Madison Standard Specifications. All restoration shall be considered incidental to removal of the septic system. Disposal of waste shall be offsite by the Contractor (contractor's expense) at a location to be determined by the Contractor. Pumping and disposal of the septic tank contents and pits shall be done by a Wisconsin Licensed Septic Pumper. Pit fill material shall be clean native soil, gravel, or inert material.

A permit will be required to complete the septic system removal of the septic system with Public Health of Madison and Dane County (no fee) and remove the septic system in accordance with the permit criteria. More information regarding the septic system removal permitting process is available online at <http://www.publichealthmdc.com/documents/AbandonmentForm.pdf>. The City will obtain a Right of Entry for the septic system removal on the 2501 Jeffy Trail property.

METHOD OF MEASUREMENT

REMOVE SEPTIC SYSTEM shall be measured by the lump sum for the completed work.

BASIS OF PAYMENT

REMOVE SEPTIC SYSTEM shall be paid for at the contract price which shall be full compensation for all work, materials labor and incidentals required to complete the work set forth in the description.

BID ITEM 90031– SALVAGE TOPSOIL- WETLAND

DESCRIPTION

Work under this bid item include stripping from over the sewer trench within the wetland, stockpiling to one side of the exaction trench, segregation of vegetation from topsoil from over the trench. Placing the topsoil to the original depth encountered shall be paid for separately (BID ITEM 90032- TRENCH RESTORATION (TOPSOIL/ WETLAND)). Excess topsoil shall be hauled offsite and disposed of by the contractor.

One of the conditions of the WDNR Wetland permit NR-103 is that the wetland soils of 18" depths shall be stockpiled on site, and replaced after the completion of the work. Placement of Wetland Topsoil in the wetland work shall be paid for under BID ITEM 90032- TRENCH RESTORATION (TOPSOIL/WETLAND). Erosion measures for salvaged wetland material shall be installed to prevent the migration of the stockpiled material including placement of the salvaged topsoil on fabric (See Bid Item 20233 Riprap

Filter Fabric, Type HR) and surrounding the excavated soil with silt fence. Erosion Control Measures shall be paid for separately under their respected bid items.

METHOD OF MEASUREMENT

SALVAGED TOPSOIL shall be measured by the Square Yard.

BASIS OF PAYMENT

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

BID ITEM 90032 – TRENCH RESTORATION (TOPSOIL/ WETLAND)

Work under this bid item shall be in accord with the City of Madison Standard Specifications for Public Works Construction for placement of topsoil (salvaged or imported) to match the topsoil depths encountered: 18" depth in the wetland areas per the WDNR permit. Seeding, mulching and watering shall be paid for separately under the seed mix items: **BID ITEM 20704 – INFILTRATION SEEDING**

METHOD OF MEASUREMENT

TRENCH RESTORATION (TOPSOIL/ WETLAND) shall be measured by the Square Yard.

BASIS OF PAYMENT

TRENCH RESTORATION(TOPSOIL/ WETLAND) shall be measured as above and paid at the contract price which shall be full compensation for all work, materials, and incidentals to complete the work as outlined in the description.

BID ITEM 90033 - SEWER ACCESS ROAD (12' WIDE)

DESCRIPTION

Work under this bid item shall include the installation of a 12' wide sewer access road in accordance with the cross section details shown in the plan set including all subgrade and finish grading earthwork.

10" Depth Crushed Stone Gradation No. 2 (Bid Item 40102), and 4" Topsoil (Bid Item 20221), Terrace Seed (Bid Item 20701) Erosion Matting (Bid Item 21061 CLASS I, URBAN TYPE A) shall be paid for separately under their bid items.

METHOD OF MEASUREMENT

SEWER ACCESS ROAD shall be measured by the SQUARE YARD.

BASIS OF PAYMENT

SEWER ACCESS ROAD shall be measured as above and paid at the contract price which shall be full compensation for all work, materials, and incidentals to complete the work as outlined in the description.

BID ITEM 90034 – 8'X4' CAST IN PLACE STORM STRUCTURE

DESCRIPTION

Work under this item includes construction of a new 8' x 4' field poured junction structure with R-1550-0054 casting. Setting and adjustment of the casting to the grade as called out in the plan set or as

directed in the field. The 8' x 4' field poured structure shall have steel reinforcement and wall dimensions as described below"

- a. Roof thickness in increased to 10" vertical thickness.
- b. Roof reinforcement shall be #6 bars 4" on center is in the long dimension with #4 bars on 8" centers in the short dimension.
- c. Diagonal (45 degree) bars shall be provided around the cutout for the casting on the structure.
- d. Long bars shall be centered 3" above the bottom of the roof with crossing bars tied above.
- e. The walls and floor shall be reinforced with #6 bars on 12" centers in both directions.
- f. Floor thickness shall be 10".

The Contractor shall either use epoxy coated steel for all reinforcement or shall provide concrete mix that is made with XYPEX C-1000 in accord with the manufactures recommendations. The option is the Contractors. Decision shall be document in writing to the City of Madison Construction Engineer.

The minimum compressive strength at twenty-eight (28) days for all concrete used on this project shall be four thousand (4000) pounds per square inch.

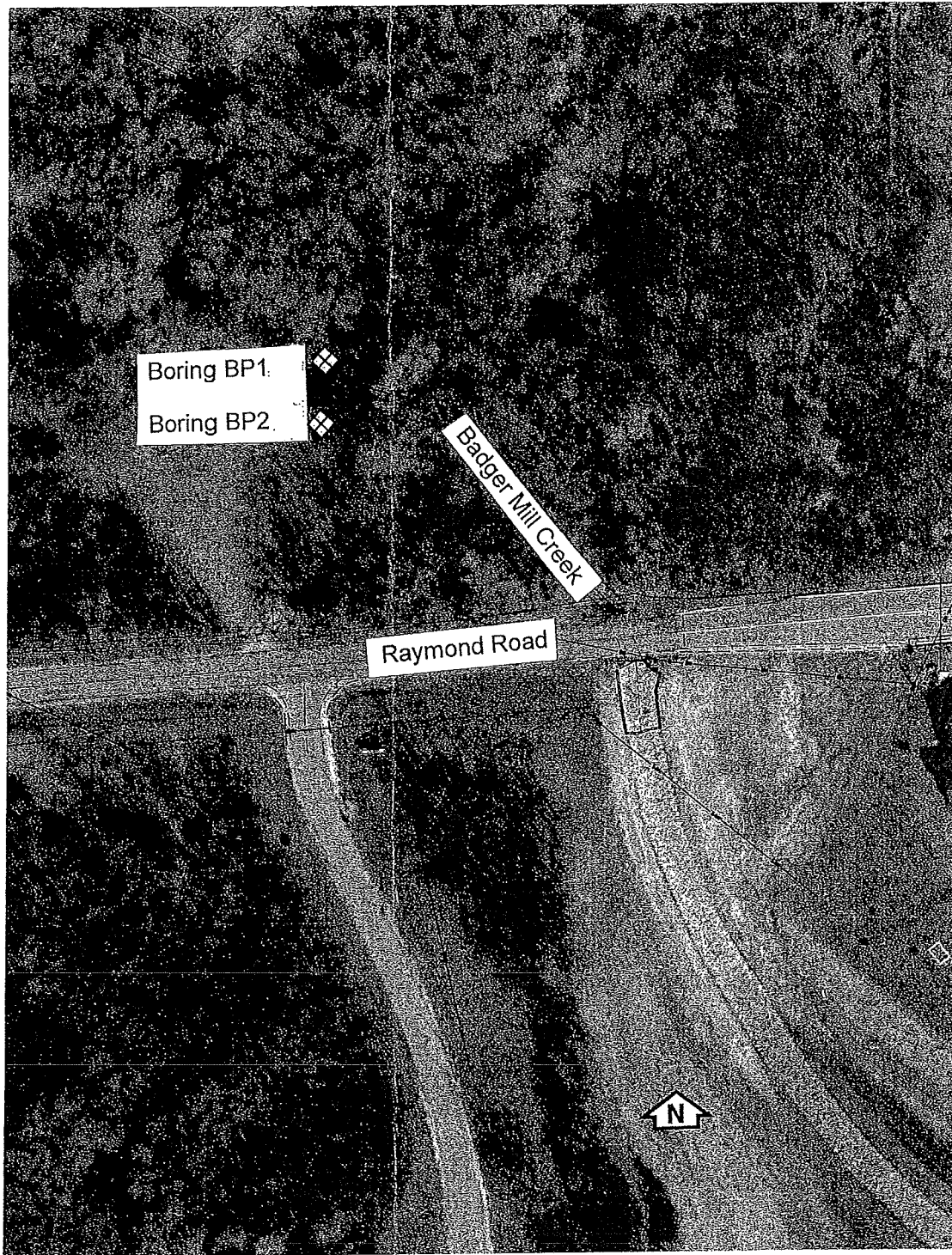
METHOD OF MEASUREMENT

8' x 4' Cast in Place Storm Structure shall be measured for payment as a single unit complete in place.


BASIS OF PAYMENT

8' x 4' Cast in Place Storm Structure shall be paid for according to the lump sum price bid. Price bid shall include all materials, labor and equipment necessary for a complete installation as shown and specified including excavation, bedding reinforced concrete, and connections to existing and proposed pipes / box.



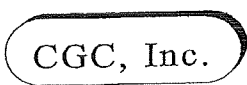


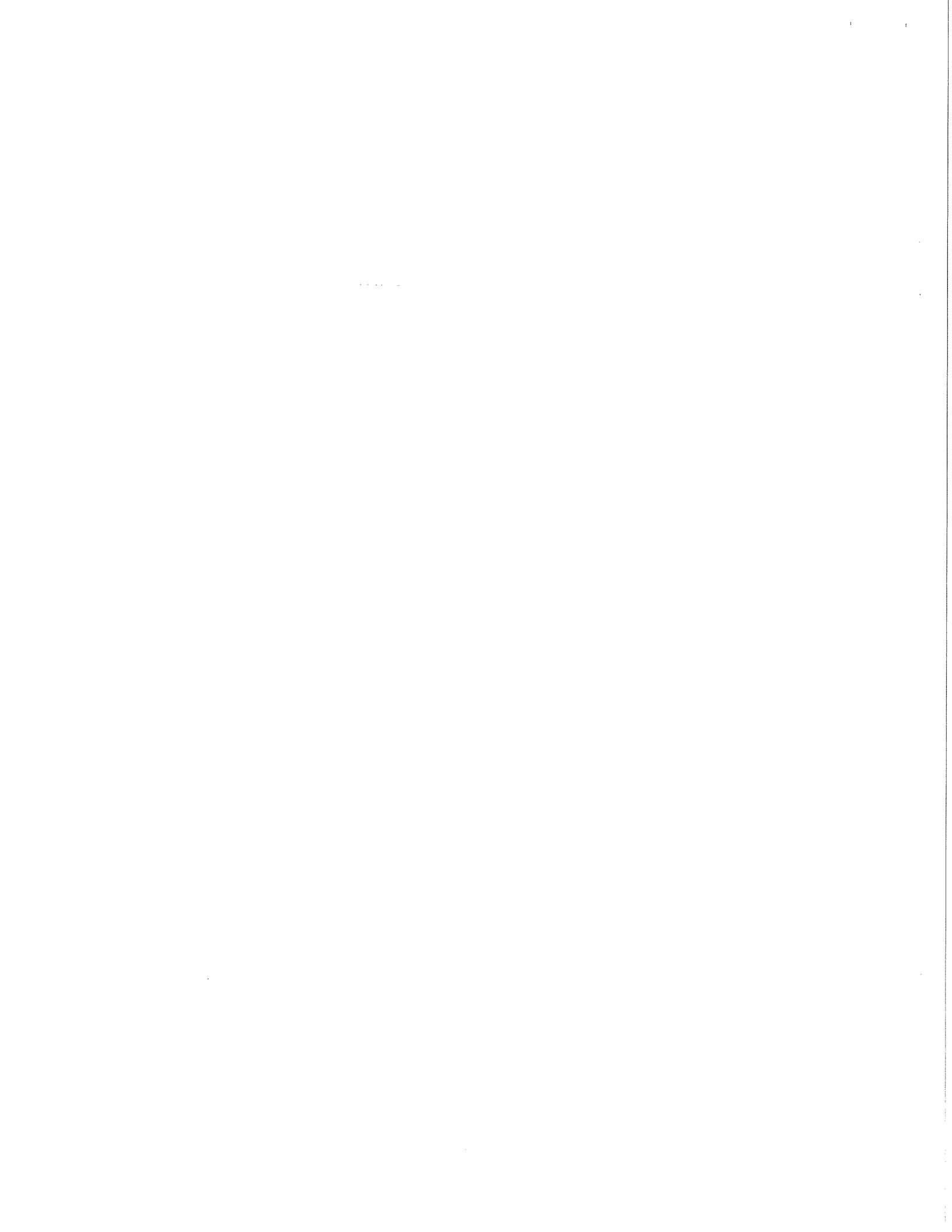
Legend

 Denotes soil boring location and number

Notes

1. Soil borings conducted by Soil Essentials in December 2011 and March 2012
2. Base map provided by MSA.
3. Boring locations are approximate.

Date: 4/11/12		SOIL BORING LOCATION MAP Ice Age Trail Pedestrian Bridge Raymond Road/Badger Mill Creek Madison, Wisconsin
Job No. C11054-50		





LOG OF TEST BORING

Project County Trunk Highway M
N464074, E783443 (Bike Path)
 Location Dane County, Wisconsin

Boring No. **BP1**
 Surface Elevation (ft) 1000'
 Job No. C11054-50
 Sheet 1 of 1

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	TYPE	Rec (in.)	Moist	N		Depth (ft)	qu (qa) (tsf)	W	LL	PL
1		18	M	3	0	Dark Brown Clayey TOPSOIL				
					1	Soft to Medium Stiff, Dark Brown Lean CLAY (CL)	(0.8)	27.5		
2		17	M	0	2	Sandy Near 4 ft	(0.4)	23.6		
3		2	M	6	3	Very Soft Near 7 ft	(0.2)			
4		18	M/W	4	4	Loose, Brown Sandy SILT to Silty SAND; Occasional Clay Lenses (ML/SM)	(1.3)			
5		18	M/W	4	5		(0.2)			
6		15	M/W	4	6	Very Soft, Brown Lean CLAY (CL), Occasional Lenses of Silty Sand or Sandy Silt	(0.2)	29.8		
7		13	M	52	7	Medium Dense to Dense, Brown Sandy SILT, Trace Clay (ML)				
					8	Very Dense, Brown Fine to Medium SAND and GRAVEL, Trace Silt (SP/GP)				
					20	End Boring at 20 ft				
					25	Borehole backfilled with bentonite chips				
					30	Performed 200'NW of Raymond Road near Badger Mill Creek				
					35					
					40					

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Drilling NW Upon Completion of Drilling NW
 Time After Drilling _____ 30 min.
 Depth to Water _____ NW
 Depth to Cave in _____

Start 12/27/11 End 12/27/11
 Driller SE Chief DAP Rig 7822DT
 Logger DAP Editor ESF
 Drill Method 2 1/4" HSA

The stratification lines represent the approximate boundary between soil types and the transition may be gradual.



LOG OF TEST BORING

Project County Trunk Highway M
N464027, E783480 (Bike Path)
 Location Dane County, Wisconsin

Boring No. BP2
 Surface Elevation (ft) 1000'
 Job No. C11054-50
 Sheet 1 of 1

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE						VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES					
No.	TYPE	Rec (in.)	Moist	N	Cor N		Depth (ft)	qu (qa) (tsf)	W	LL	PL	DD (pcf)
1		14	M	5	7	0-5	Dark Brown Clayey TOPSOIL Loose, Dark Gray SILT, Trace Sand and Clay (ML)	(0.9)				
2		8	M	14	19	5-10	Hard, Brown Lean CLAY, Trace Sand and Gravel (CL)	(4.5+)				
3		10	M	2	3	10-15	Soft, Brown Lean Clay (CL)	(0.3)	25.8			
4		18	M	7	9	15-20	Stiff, Gray-Brown Lean CLAY, Occasional Sand Partings (CL)	(1.25)	21.9			
5		18	M	12	16	20-25	Medium Dense, Brown SILT, Trace Sand and Clay (ML) Occasional Thin (<1 in.) Seams of Sand or Clay					
6		14	M	34	45	25-30	Gray-Brown and Laminated Near 19 ft Dense to Very Dense, Light Brown Fine to Coarse SAND and GRAVEL, Trace to Little Silt (SP/SP-SM/GP/GP-GM)	(1.8)				
7		15	M	59	79	30-35	Medium Dense, Light Brown Fine SAND, Trace to Little Silt and Gravel, Occasional Seams of Fine to Coarse Sand with Some Gravel, Trace Silt (SP/SP-SM)					
8		16	W	28	37	35-40	Medium Dense, Light Brown Fine to Coarse SAND, Some Gravel, Trace to Little Silt, Scattered Cobbles (SP/SP-SM)					
9		17	W	29	39	40-45	Medium Dense, Tan, Fine SAND, Trace to Little Silt and Gravel (SP/SP-SM)					
10		17	W	23	31	45-50	End Boring at 45 ft Borehole backfilled with bentonite chips					
11		17	W	12	16							

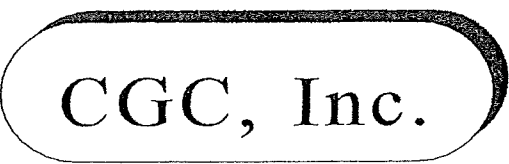
WATER LEVEL OBSERVATIONS

While Drilling ∇ 28.5' Upon Completion of Drilling _____
 Time After Drilling _____
 Depth to Water 28.5' _____ NW ∇ _____
 Depth to Cave in 25.8' _____

GENERAL NOTES

Start 12/27/11 End 3/13/12
 Driller SE Chief DAP Rig 7822DT
 Logger DAP Editor ESF
 Drill Method 2 1/4" HSA

The stratification lines represent the approximate boundary between soil types and the transition may be gradual.



Madison - Milwaukee

UNIFIED SOIL CLASSIFICATION SYSTEM

UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART

COARSE-GRAINED SOILS

(more than 50% of material is larger than No. 200 sieve size.)

Clean Gravels (Less than 5% fines)

GRAVELS
More than 50% of coarse fraction larger than No. 4 sieve size

	GW	Well-graded gravels, gravel-sand mixtures, little or no fines
	GP	Poorly-graded gravels, gravel-sand mixtures, little or no fines

Gravels with fines (More than 12% fines)

	GM	Silty gravels, gravel-sand-silt mixtures
	GC	Clayey gravels, gravel-sand-clay mixtures

Clean Sands (Less than 5% fines)

SANDS
50% or more of coarse fraction smaller than No. 4 sieve size

	SW	Well-graded sands, gravelly sands, little or no fines
	SP	Poorly graded sands, gravelly sands, little or no fines

Sands with fines (More than 12% fines)

	SM	Silty sands, sand-silt mixtures
	SC	Clayey sands, sand-clay mixtures

FINE-GRAINED SOILS

(50% or more of material is smaller than No. 200 sieve size.)

SILTS AND CLAYS
Liquid limit less than 50%

	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
	CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
	OL	Organic silts and organic silty clays of low plasticity

SILTS AND CLAYS
Liquid limit 50% or greater

	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
	CH	Inorganic clays of high plasticity, fat clays
	OH	Organic clays of medium to high plasticity, organic silts

HIGHLY ORGANIC SOILS

	PT	Peat and other highly organic soils
--	----	-------------------------------------

LABORATORY CLASSIFICATION CRITERIA

GW $C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_c = \frac{D_{30}}{D_{10} \times D_{60}}$ between 1 and 3

GP Not meeting all gradation requirements for GW

GM Atterberg limits below "A" line or P.I. less than 4
 GC Atterberg limits above "A" line with P.I. greater than 7

Above "A" line with P.I. between 4 and 7 are borderline cases requiring use of dual symbols

SW $C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_c = \frac{D_{30}}{D_{10} \times D_{60}}$ between 1 and 3

SP Not meeting all gradation requirements for GW

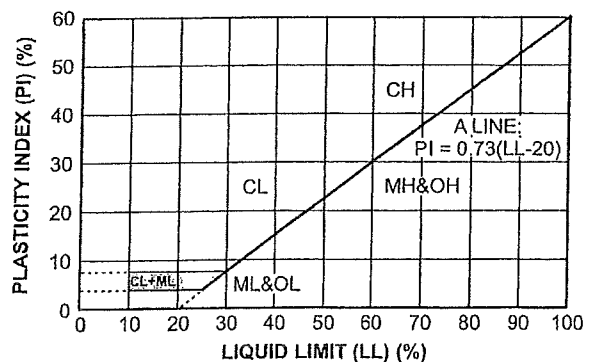
SM Atterberg limits below "A" line or P.I. less than 4
 SC Atterberg limits above "A" line with P.I. greater than 7

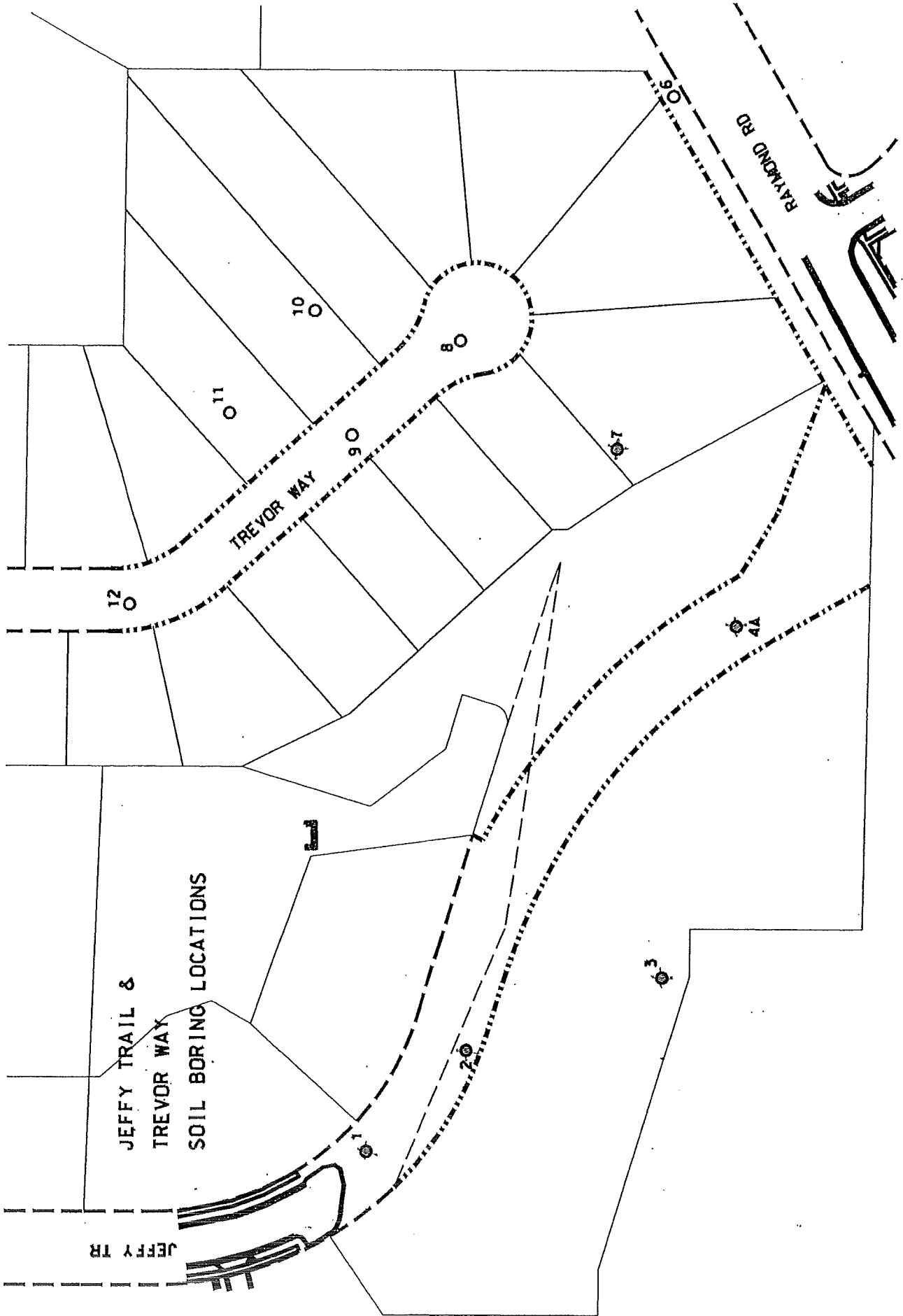
Limits plotting in shaded zone with P.I. between 4 and 7 are borderline cases requiring use of dual symbols.

Determine percentages of sand and gravel from grain-size curve. Depending on percentage of fines (fraction smaller than No. 200 sieve size), coarse-grained soils are classified as follows:

Less than 5 percent GW, GP, SW, SP
 More than 12 percent GM, GC, SM, SC
 5 to 12 percent Borderline cases requiring dual symbols

PLASTICITY CHART





JEFFY TRAIL &
TREVOR WAY
SOIL BORING LOCATIONS

JEFFY TR

RAYMOND RD

12

11

10

80

90

87

44

3

2

DRAFT



LOG OF TEST BORING

Project Jeffy Trail and Trevor Way Extensions
 Location Madison, Wisconsin

Boring No. 1
 Surface Elevation (ft) _____
 Job No. C12075-19
 Sheet 1 of 1

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	Rec (in.)	Moist	N	Depth (ft)		qu (tsf)	W	LL	PL	LI
					FILL: Dark Brown Sandy Topsoil with Clay to 0.4'					
1	10	M	5		Brown Sand with Silt, Gravel and Occasional Cobbles to 7'					
2	4	M	3							
				5						
3	10	M	21		Concrete Rubble noted from 6.5 - 7.0'					
					Loose to Medium Dense, Light Brown Fine SAND, Trace Silt and Gravel (SP)					
4	12	M	6							
				10						
5	13	M	9							
6	14	M	19							
				15	End Boring at 15 ft					
					Borehole backfilled with bentonite chips					
				20						
				25						
				30						

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Drilling NW Upon Completion of Drilling _____
 Time After Drilling _____
 Depth to Water _____
 Depth to Cave in _____

Start 10/29/12 End 10/29/12
 Driller SE Chief DAP Rig 7822DT
 Logger DAP Editor ESF
 Drill Method 2 1/4" HSA/Autohammer

The stratification lines represent the approximate boundary between soil types and the transition may be gradual.

DRAFT



LOG OF TEST BORING

Project Jeffy Trail and Trevor Way Extensions
 Location Madison, Wisconsin

Boring No. 2
 Surface Elevation (ft) _____
 Job No. C12075-19
 Sheet 1 of 1

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	TYPE	Rec (in.)	Moist	N		Depth (ft)	qu (qa) (tsf)	W	LL	PL
1		18	M	14	Dark Brown Clayey TOPSOIL Very Stiff, Brown Lean CLAY, Trace Sand and Gravel (CL)	(3.0)				
2		2	M	33	Dense, Brown Fine SAND & GRAVEL, Some Silt, Scattered Cobbles and Boulders (SM/GM)					
3		14	M	8	Loose, Light Brown Fine SAND, Some Gravel, Little Silt (SP-SM)					
4		10	M	34	Dense, Tan Fine SAND, Some Silt and Gravel, Scattered Cobbles and Boulders (SM)					
					Medium Dense, Tan Fine SAND, Some Gravel, Trace to Little Silt (SP/SP-SM)					
5		6	M	27						
					End Boring at 15 ft					
					Borehole backfilled with bentonite chips					

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Drilling ∇ NW Upon Completion of Drilling _____
 Time After Drilling _____
 Depth to Water _____
 Depth to Cave in _____

Start 10/29/12 End 10/29/12
 Driller SE Chief DAP Rig 7822DT
 Logger DAP Editor ESF
 Drill Method 2 1/4" HSA/Autohammer

The stratification lines represent the approximate boundary between soil types and the transition may be gradual.



LOG OF TEST BORING

Project Jeffy Trail and Trevor Way Extensions
 Location Madison, Wisconsin

Boring No. 3
 Surface Elevation (ft)
 Job No. C12075-19
 Sheet 1 of 1

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES					
No.	TYPE	Rec (in.)	Moist	N		Depth (ft)	q _u (qa) (tsf)	W	LL	PL	LI
1	S	17	M	8	0-8	Dark Brown Clayey TOPSOIL Very Stiff, Brown Lean CLAY (CL)	(2.5)				
2	S	10	M	16	8-16	Medium Dense/Hard, Brown Laminated Sandy SILT and Silty CLAY (ML/CL-ML)	(4.5)				
3	S	12	M	16	16-20	Medium Dense, Brown Silty Fine SAND, Little to Some Gravel (SM)					
4	S	10	M	27	20-27	Medium Dense, Light Brown Fine to Coarse SAND & GRAVEL, Little Silt, Scattered Cobbles and Boulders (SP-SM/GP-GM)					
					12-15	End Boring at 12 ft due to auger refusal on presumed boulder Borehole backfilled with bentonite chips					

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Drilling NW Upon Completion of Drilling
 Time After Drilling
 Depth to Water
 Depth to Cave in

Start 10/29/12 End 10/29/12
 Driller SE Chief DAP Rig 7822DT
 Logger DAP Editor ESF
 Drill Method 2 1/4" HSA/Autohammer

The stratification lines represent the approximate boundary between soil types and the transition may be gradual.

DRAFT



LOG OF TEST BORING

Project Jeffy Trail and Trevor Way Extensions
 Location Madison, Wisconsin

Boring No. 4A
 Surface Elevation (ft) _____
 Job No. C12075-19
 Sheet 1 of 1

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	Rec (in.)	Moist	N	Depth (ft)		qu (qa) (tsf)	W	LL	PL	LI
					Dark Brown to Black Silty TOPSOIL					
1	8	M	11		Medium Dense, Dark Brown SILT, Trace Sand and Clay (ML)					
2	12	M	10		Very Stiff to Hard, Brown and Rust-Red Mottled Silty CLAY (CL-ML)	(4.0)				
3	6	M	17			(4.5)				
4	10	M	35		Dense to Very Dense, Light Brown Fine to Coarse SAND, Some Gravel, Little Silt (SP-SM)					
5	10	M	67							
6	8	M	38		Dense, Tan Fine SAND, Some Gravel, Trace Silt (SP)					
					End Boring at 20 ft					
					Borehole backfilled with bentonite chips					

WATER LEVEL OBSERVATIONS

GENERAL NOTES

While Drilling NW Upon Completion of Drilling _____
 Time After Drilling _____
 Depth to Water _____
 Depth to Cave in _____

Start 10/29/12 End 10/29/12
 Driller SE Chief DAP Rig 7822DT
 Logger DAP Editor ESF
 Drill Method 2 1/4" HSA/Autohammer

The stratification lines represent the approximate boundary between soil types and the transition may be gradual.

DRAFT



LOG OF TEST BORING

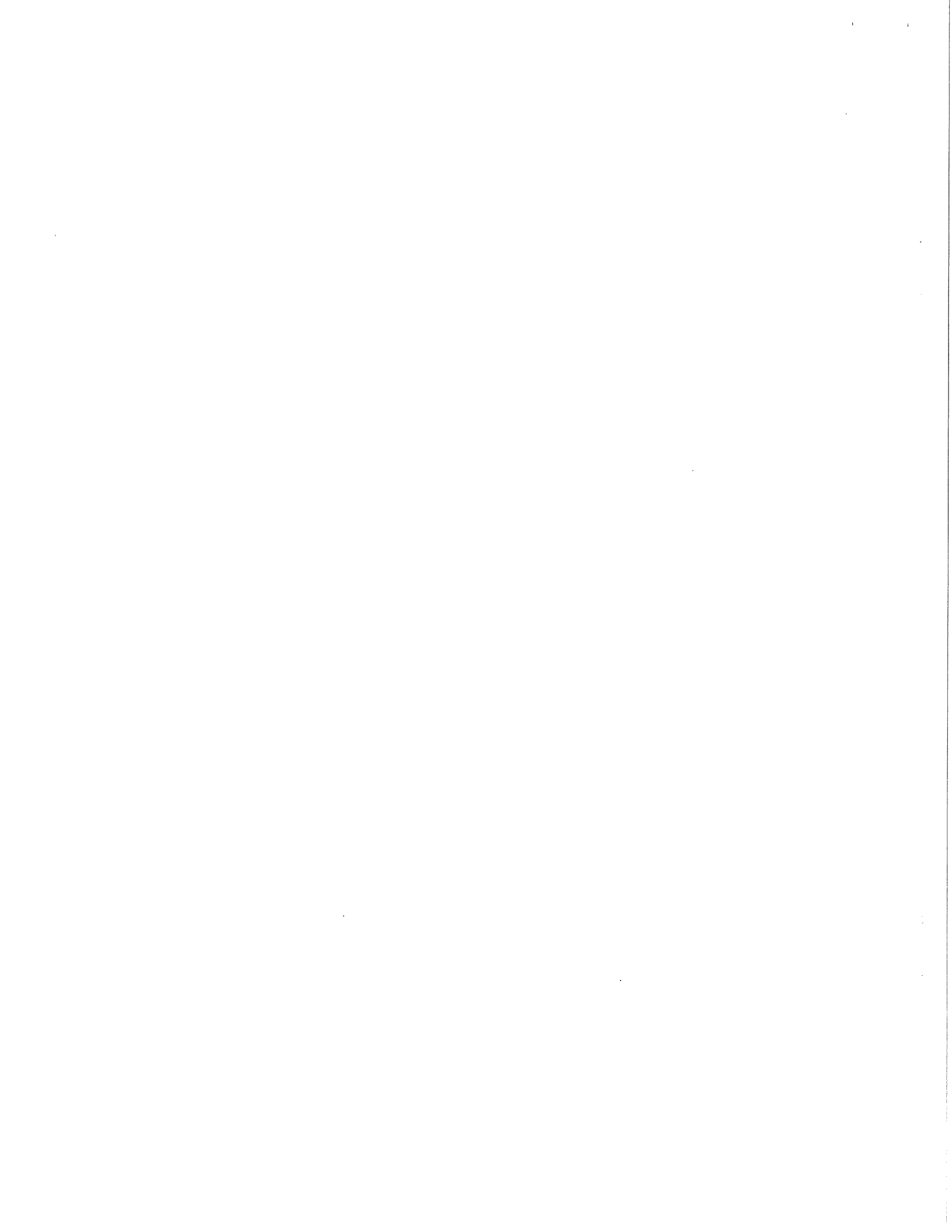
Project Jeffy Trail and Trevor Way Extensions
 Location Madison, Wisconsin

Boring No. 7
 Surface Elevation (ft)
 Job No. C12075-19
 Sheet 1 of 1

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	Rec (in.)	Moist	N	Depth (ft)		qu (qa) (tsf)	W	LL	PL	LI
				0	Dark Brown Clayey TOPSOIL					
1	13	M	9	9	Loose, Brown SILT, Some Sand, Trace Clay and Gravel (ML)					
2	3	M	14	14	Hard, Brown Lean CLAY, Trace Sand (CL)	(4.5+)				
3	12	M	21	21	Medium Dense, Light Brown Fine to Coarse SAND & GRAVEL, Little Silt, Scattered Cobbles (SP-SM/GP-GM)					
4	3	M	31	31	Medium Dense to Dense, Brown Fine to Coarse SAND & GRAVEL, Some Silt, Scattered Cobbles and Boulders (SM/GM)					
5	10	M	48	48						
6	3	M	28	28						
					End Boring at 20 ft					
					Borehole backfilled with bentonite chips					

WATER LEVEL OBSERVATIONS	GENERAL NOTES
While Drilling <input checked="" type="checkbox"/> NW Upon Completion of Drilling _____ Time After Drilling _____ Depth to Water _____ Depth to Cave in _____	Start <u>10/29/12</u> End <u>10/29/12</u> Driller <u>SE</u> Chief <u>DAP</u> Rig <u>7822DT</u> Logger <u>DAP</u> Editor <u>ESF</u> Drill Method <u>2 1/4" HSA/Autohammer</u>
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.	





Department of Public Works
City Engineering Division

Robert F. Phillips, P.E.
City Engineer

City-County Building, Room 115
210 Martin Luther King, Jr. Boulevard
Madison, Wisconsin 53703
FAX 608 264 9275
www.cityofmadison.com

608 266 4751

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
James C. Whitney, A.I.A.

Operations Supervisor
Kathleen M. Cryan

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

Financial Officer
Steven B. Danner-Rivers

Hydrogeologist
Brynn Bemis

6/07/2013

**NOTICE OF ADDENDUM
ADDENDUM NO. 1
ICE AGE JUNCTION PATH AND JEFFY PATH
AND
JEFFY TRAIL SANITARY SEWER ASSESSMENT DISTRICT
CONTRACT NO. 6886**

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

Revise page D-17 of **SECTION D: SPECIAL PROVISIONS** as follows: Under **BID ITEM 90002 PREFABRICATED PEDESTRIAN BRIDGE**, add the following to the list of **Approved Manufacturers**:

Echo Bridge, Inc
P.O. Box 89
Elmira, NY 14902
(607) 734-9456

Replace Sheet W-2 of the **PLANS** with revised Sheet W-2 dated 6/6/13 and discard old sheet. Sheet is updated with correct location of the reference line and station/offset notes. There is no change in the proposed water main or quantities.

Please note that Sheets W-1 thru W-4 were revised to show the correct project number. Sheets W-1, W-3 & W-4 are not being reissued for this minor change.

Please acknowledge this addendum on page E1 of the contract documents and/or in Section E: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on Bid Express at <https://www.bidexpress.com/>.

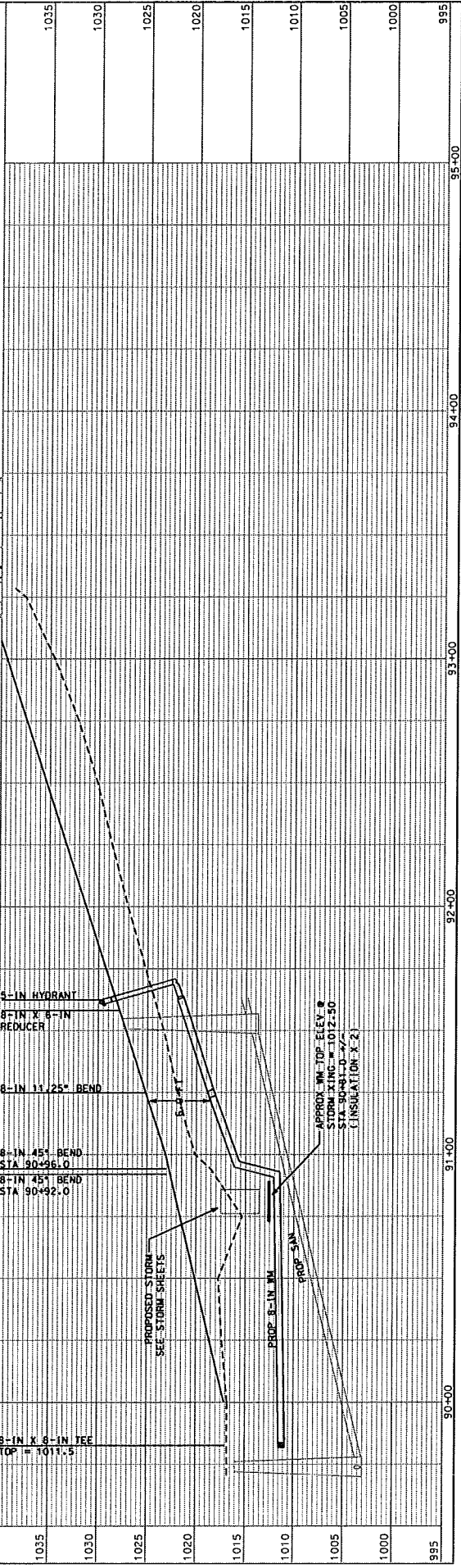
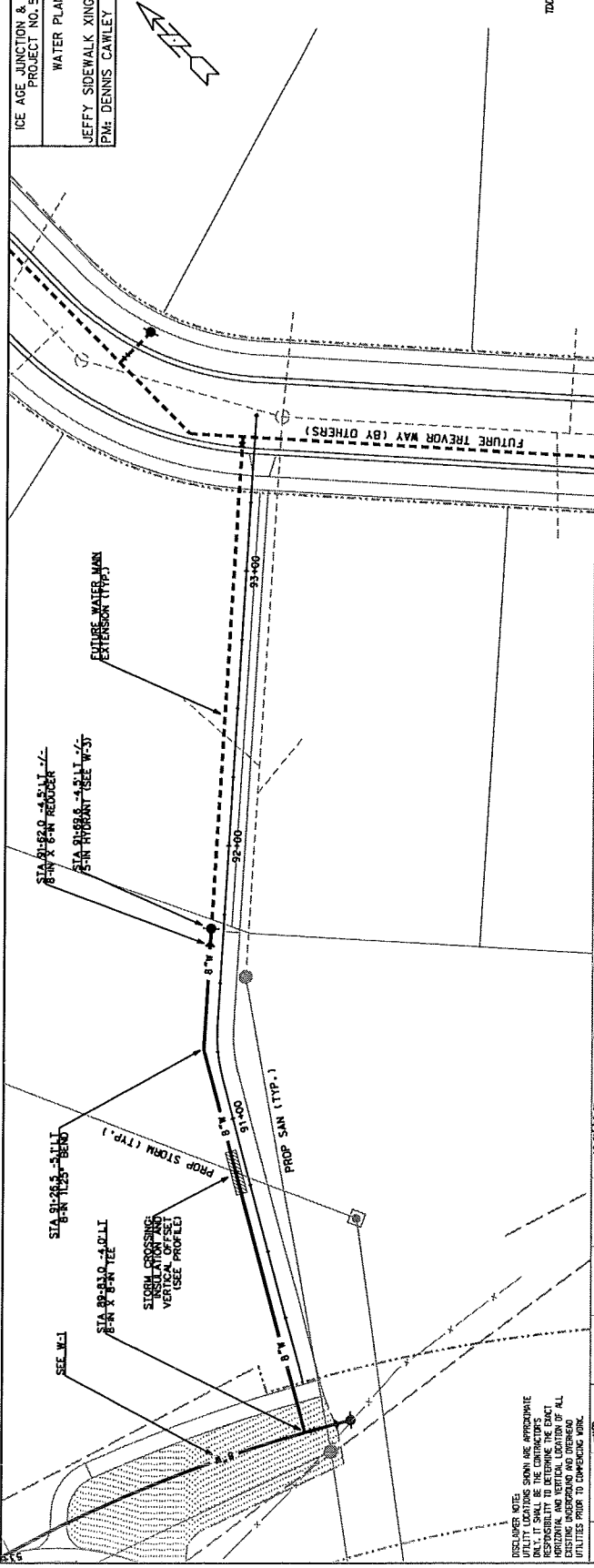
If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 receive the material by another route.

Robert F. Phillips, City Engineer

ICE AGE JUNCTION & JEFFY PATHS
 PROJECT NO. 53M348
 WATER PLAN AND PROFILE
 JEFFY SIDEWALK KING CITY OF MADISON
 P.M. DENNIS CAWLEY DESIGNER: PEH
 REVISED 6/7/2013



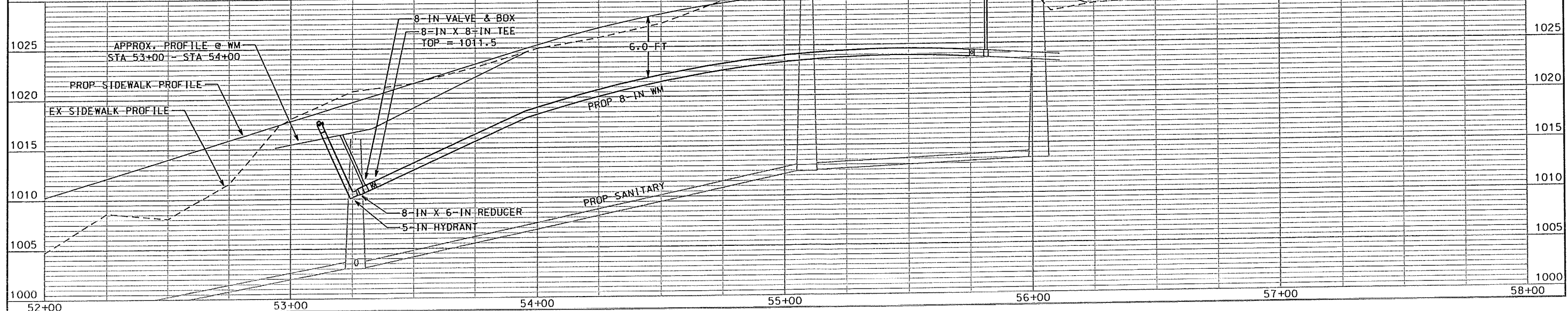
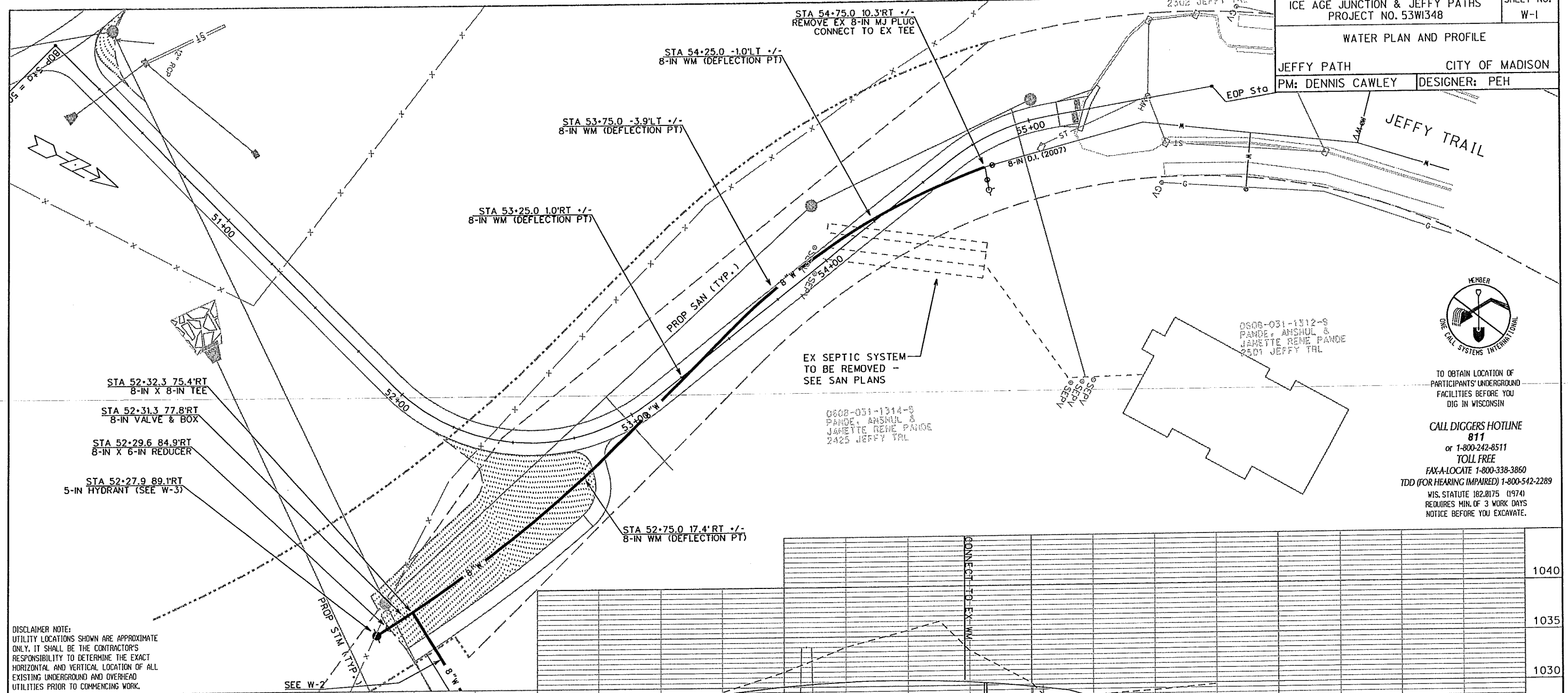
TO DRAIN LOCATION OF PARTICIPANTS UNDERGROUND UTILITIES TO THE CITY OF MADISON
 CALL DIGGERS HOTLINE 877-44-8877 or 608-261-3871
 PAKALOCOTE 1-800-336-3860
 TOLL FREE
 TDD FOR HEARING IMPAIRED 1-800-542-2288
 MS STATUTE 19.1741 REQUIRES THAT 3" MIN. DITS BE MADE PRIOR TO EXCAVATING.



NOTE: THE UNITS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING WORK.

DATE: 6/18/2013

FILE NAME: M:\DESIGN\STREETS\DOM\3341\DESIGN\WATER\DESIGN\WATER.PE1 984.DGN



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

CALL DIGGERS HOTLINE
811
or 1-800-242-8511
TOLL FREE

FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

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

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

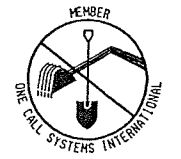
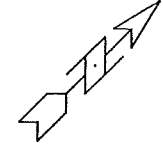
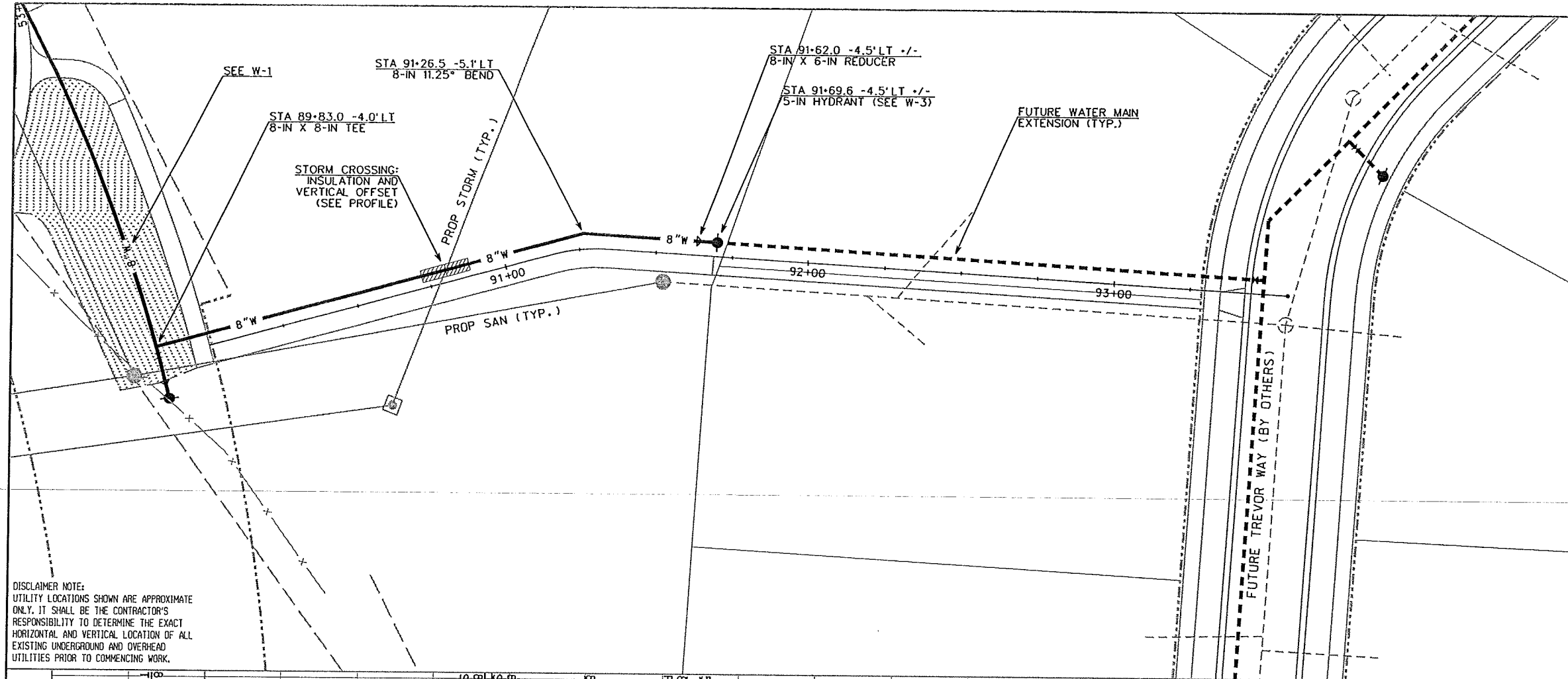
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

ICE AGE JUNCTION & JEFFY PATHS
PROJECT NO. 53WI348

SHEET NO.
W-2

WATER PLAN AND PROFILE

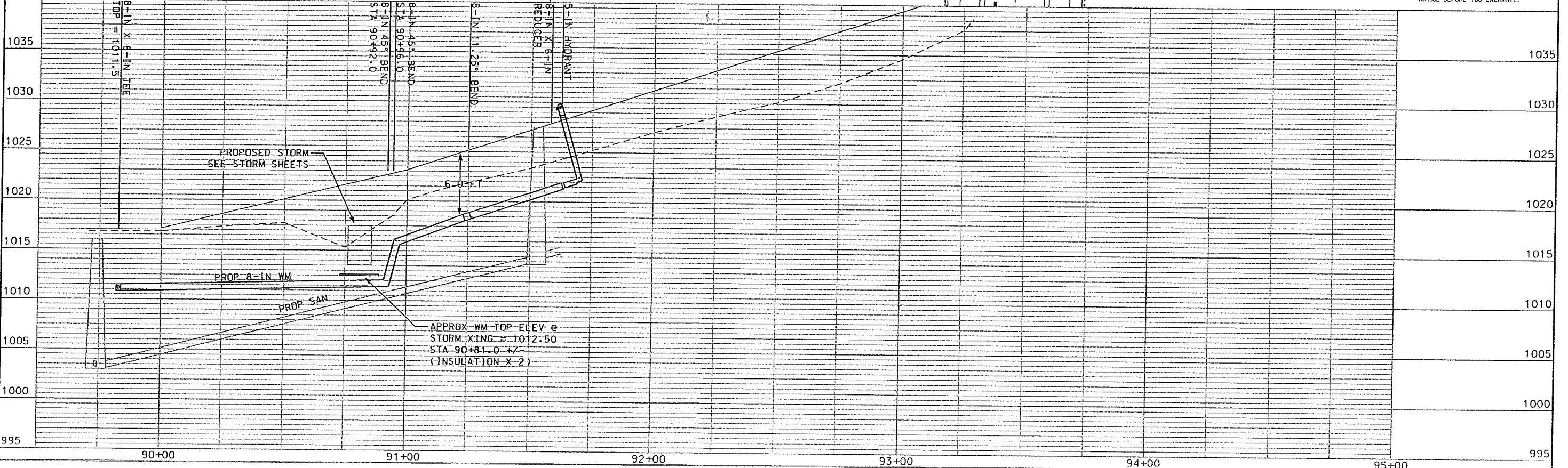
JEFFY SIDEWALK XING CITY OF MADISON
PM: DENNIS CAWLEY DESIGNER: PEH
REVISED 6/6/2013



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

CALL DIGGERS HOTLINE
811
or 1-800-242-8511
TOLL FREE
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.

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



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
 2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
 3. MINIMIZE DISTRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
 4. EXISTING WATER MAIN SHALL REMAIN IN SERVICE UNTIL NEW WATER MAIN IS TESTED AND ACCEPTED BY MADISON WATER UTILITY AND ALL SERVICES ARE RECONNECTED.
 5. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.
- WN1 - REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN2 - EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN3 - EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN4 - DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN5 - RELOCATE THE EXISTING FIRE HYDRANT.
- WN6 - ABANDON WATER VALVE ACCESS STRUCTURE.
- WN7 - FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN8 - ABANDON THE VALVE BOX.
- WN9 - FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN10 - REMOVE AND SALVAGE EXISTING HYDRANT
- WN11 - REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

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

- 20-FT - 6-IN PIPE
- 500-FT - 8-IN PIPE
- 575-FT - POLYWRAP
- 1 - 8-IN X 8-IN TEE
- 1 - 8-IN 11.25° BEND
- 2 - 8-IN 45° BEND
- 2 - 8-IN X 6-IN REDUCER
- 2 - 5-IN HYDRANT
- 1 - 8-IN VALVE AND BOX
- 2 - STYROFOAM INSULATION SHEETS

MATERIALS SUPPLIED BY CITY:

NONE

REMOVED/SALVAGED MATERIALS:

1 - 8-IN MJ PLUG

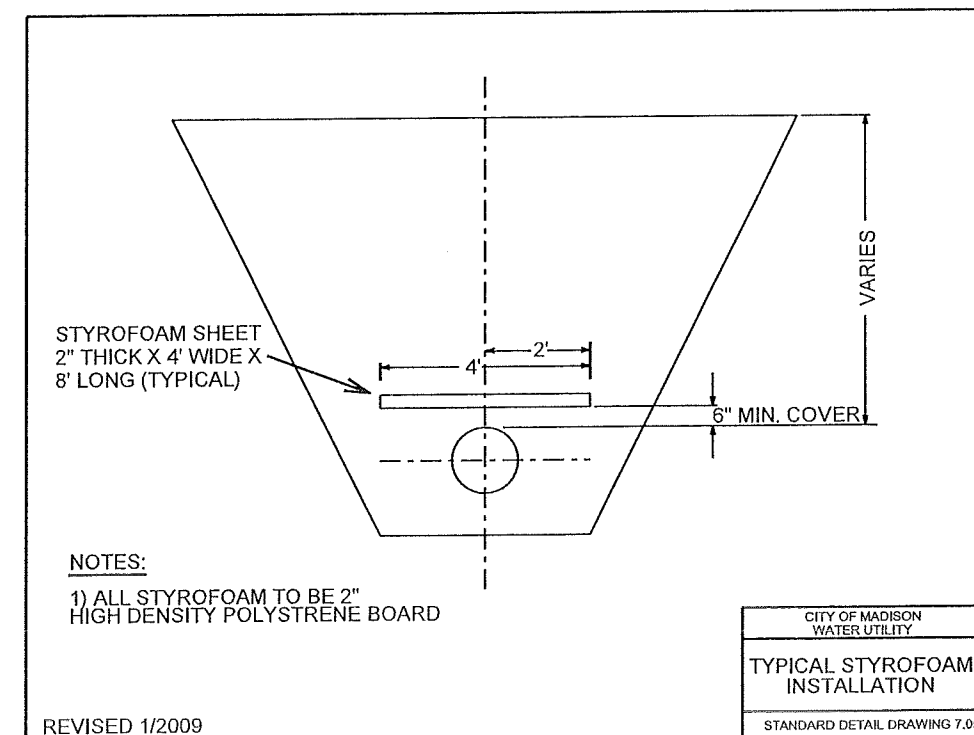
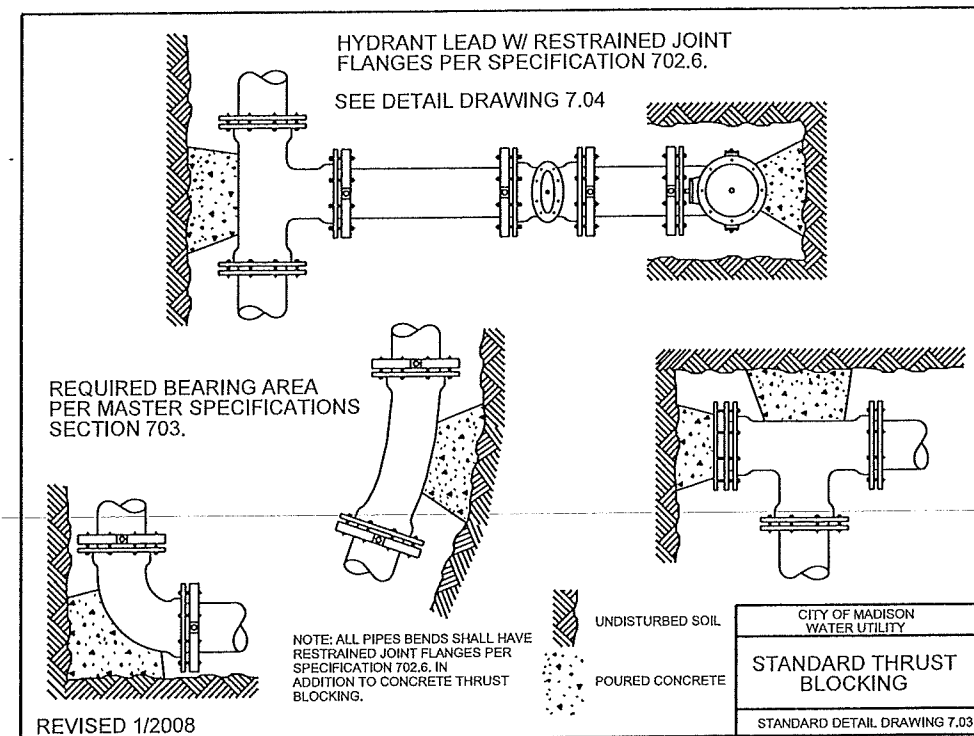
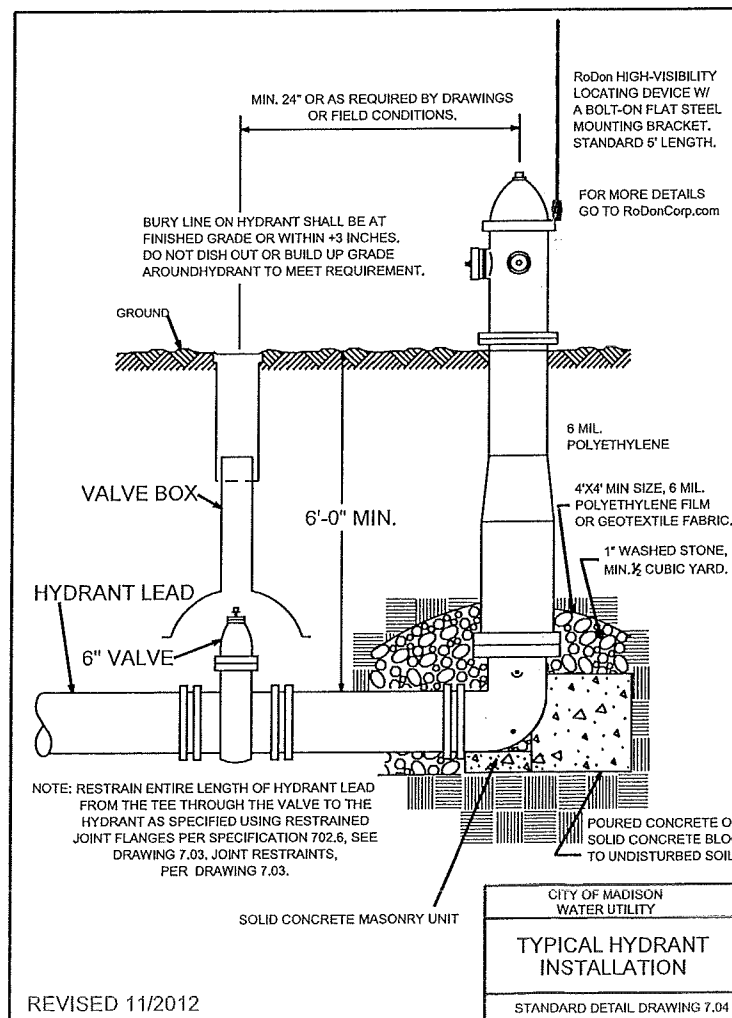
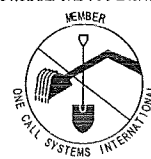
REUSED MATERIALS:

NONE

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

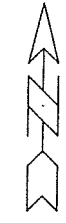
CALL DIGGERS HOTLINE TOLL FREE
811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

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



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

ICE AGE JUNCTION & JEFFY PATHS PROJECT NO. 53W1348		SHEET NO. W-4
WATER IMPACT PLAN		
JEFFY TRAIL		CITY OF MADISON
PM: DENNIS CAWLEY	DESIGNER: PEH	

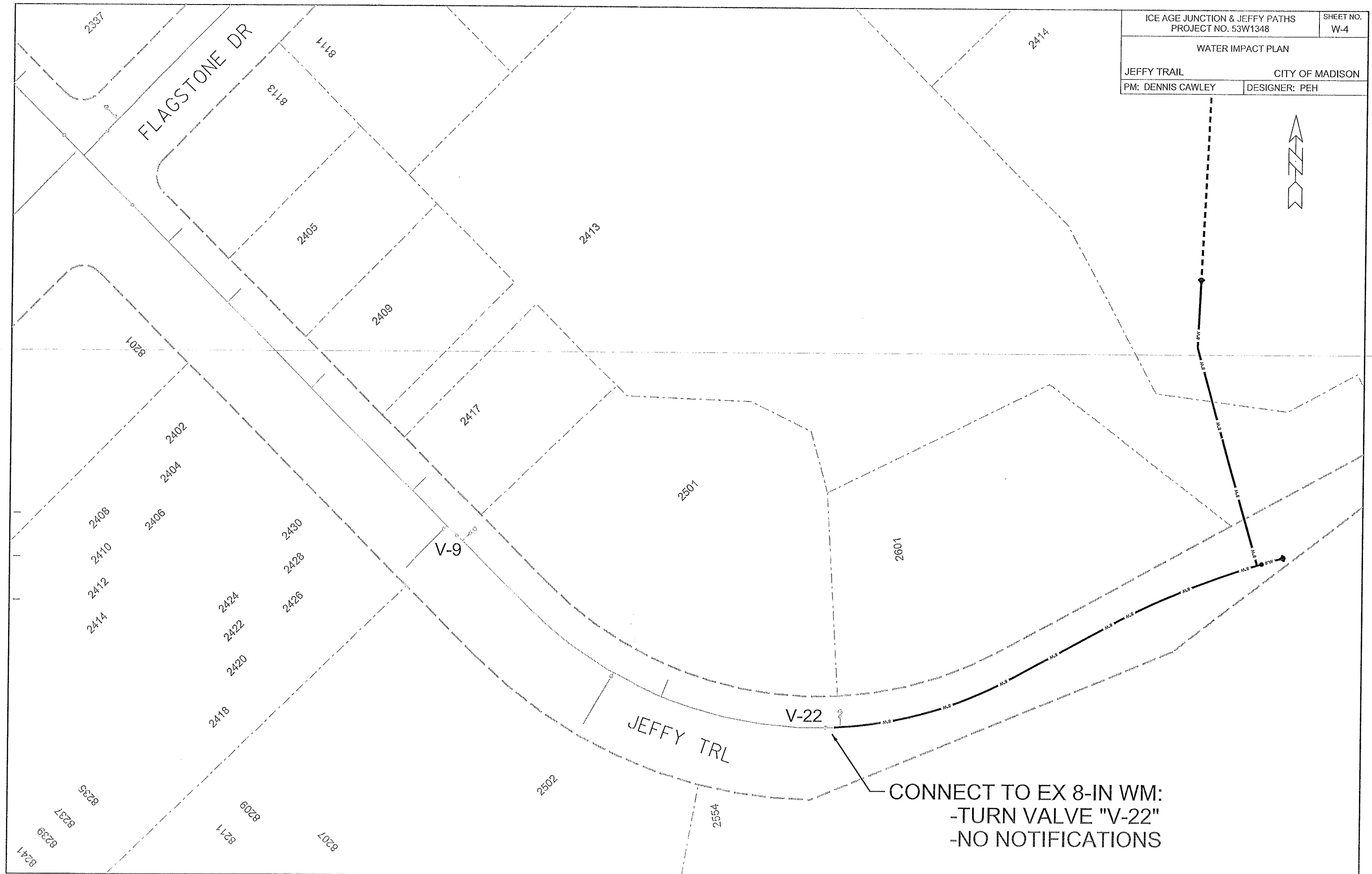


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CONNECT TO EX 8-IN WM:
-TURN VALVE "V-22"
-NO NOTIFICATIONS

SECTION E: BIDDERS ACKNOWLEDGEMENT

CONTRACT TITLE ICE AGE JUNCTION PATH AND JEFFY PATH AND JEFFY TRAIL SANITARY SEWER ASSESSMENT DISTRICT

CONTRACT NO. 6886

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 - 2013 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. _____ 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 SPEEDWAY SAND & GRAVEL INC. (name of corporation, partnership, or person submitting bid) a corporation organized and existing under the laws of the State of WISCONSIN 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.

SIGNATURE

TITLE, IF ANY

Sworn and subscribed to before me this 14th day of June, 2013.

(Notary Public or other officer authorized to administer oaths)

My Commission Expires 1-19-14

Bidders shall not add any conditions or qualifying statements to this Proposal.

Contract #6886 – Speedway Sand & Gravel, Inc.

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.

Please select the method of submission below. The form is in the section below to download and upload to the site or download and submit by hand.

Please check the box in the Upload section if submitting the report by hand.

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

Addendum 6

Section F: Disclosure of Ownership and BVC

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.

Please select the method of submission below. The form can be found below for filling out online or download and submit by hand.

Please check the box in the Upload section if submitting the report by hand.

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).

Section F: Disclosure of Ownership and Best Value Contracting

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

Name of Business

Street Address or P O Box
City
State and Zip Code

Name of Business

Street Address or P O 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 (HEAT and FROST)
- 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

ICE AGE JUNCTION PATH AND JEFFY PATH
AND
JEFFY TRAIL SANITARY SEWER ASSESSMENT DISTRICT

CONTRACT NO. 6886

Small Business Enterprise Compliance Report

This information may be submitted electronically through
Bid Express or submitted with bid in sealed envelope.

Cover Sheet

Prime Bidder Information

Company: SPEEDWAY SAND & GRAVEL INC.

Address: 8500 GREENWAY BLVD SUITE 202, MIDDLETON, WI 53562

Telephone Number: 608-836-1071

Fax Number: 608-836-7485

Contact Person/Title: JOHN CZEREPINSKI, VICE PRESIDENT

Prime Bidder Certification

I, JOHN CZEREPINSKI Name, VICE PRESIDENT Title of

SPEEDWAY SAND & GRAVEL INC. Company, certify that the information

contained in this SBE Compliance Report is true and correct to the best of my knowledge and belief.

Jarice Ryan
Witness' Signature

JUNE 14, 2013

Date

[Signature]
Bidder's Signature

6/14

ICE AGE JUNCTION PATH AND JEFFY PATH
AND
JEFFY TRAIL SANITARY SEWER ASSESSMENT DISTRICT
CONTRACT NO. 6886

Small Business Enterprise Compliance Report

Summary Sheet

SBE Subcontractors Who Are NOT Suppliers

Name(s) of SBEs Utilized	Type of Work	% of Total Bid Amount	
Astle Trucking	Hauling	2.55	%
			%
			%
			%
			%
			%
			%
			%
			%
			%
			%
			%
			%
			%
			%
			%
Subtotal SBE who are NOT suppliers:			%

SBE Subcontractors Who Are Suppliers

Name(s) of SBEs Utilized	Type of Work	% of Total Bid Amount	
			%
			%
			%
			%
			%
			%
Subtotal Contractors who are suppliers:		% x 0.6 =	% (discounted to 60%)
Total Percentage of SBE Utilization:	2.55	%	

Contract #6886 -- Speedway Sand & Gravel, Inc.

Item Code	Description	Quantity	Units	Unit Price	Extension
10911.0	MOBILIZATION	1.0000	LUMP SUM	\$69,500.00	\$69,500.00
20101.0	EXCAVATION CUT	2,507.0000	C.Y.	\$6.50	\$16,295.50
20102	FILL - BORROW	3,984.0000	C.Y.	\$2.50	\$9,960.00
20140.0	GEOTEXTILE FABRIC TYPE SAS NON- WOVEN (UNDISTRIBUTED)	400.0000	S.Y.	\$2.00	\$800.00
20217.0	CLEAR STONE	125.0000	TON	\$12.00	\$1,500.00
20219.0	BREAKER RUN	1,500.0000	TON	\$9.00	\$13,500.00
20221.0	TOPSOIL	15,030.0000	S.Y.	\$0.50	\$7,515.00
20303.0	SAWCUT BITUMINOUS PAVEMENT FULL DEPTH	15.0000	L.F.	\$3.00	\$45.00
20322.0	REMOVE CONCRETE CURB & GUTTER	20.0000	L.F.	\$7.50	\$150.00
20326	REMOVE FENCE	2,129.0000	L.F.	\$1.00	\$2,129.00
20401.0	CLEARING	50.0000	I.D.	\$25.00	\$1,250.00
20403.0	GRUBBING	50.0000	I.D.	\$25.00	\$1,250.00
20701.0	TERRACE SEEDING	9,680.0000	S.Y.	\$0.80	\$7,744.00
20706	TALL GRASS PRAIRIE SEEDING	5,350.0000	S.Y.	\$0.61	\$3,263.50
21001	EROSION CONTROL IMPLEMENTATION PLAN	1.0000	LUMP SUM	\$750.00	\$750.00
21002	EROSION CONTROL INSPECTION	10.0000	EACH	\$350.00	\$3,500.00
21011.0	CONSTRUCTION ENTRANCE	3.0000	EACH	\$300.00	\$900.00
21014	CLEAR STONE BERM (DITCH CHECK) (UNDISTRIBUTED)	1.0000	EACH	\$250.00	\$250.00
21017	SILT SOCK 8 INCH - COMPLETE	2,049.0000	L.F.	\$5.70	\$11,679.30
21021	SILT FENCE - COMPLETE	50.0000	L.F.	\$3.00	\$150.00
21024	SILT SOCK (12 INCH) COMPLETE	437.0000	L.F.	\$7.20	\$3,146.40
21027	EROSION BALES - COMPLETE (DITCH CHECKS)	45.0000	L.F.	\$12.50	\$562.50
21052.0	POLYMER STABILIZATION	7,500.0000	S.Y.	\$0.16	\$1,200.00
21055.0	INLET PROTECTION, TYPE D HYBRID - COMPLETE	4.0000	EACH	\$95.00	\$380.00
21061.0	EROSION MATTING, CLASS I, URBAN TYPE A	13,850.0000	S.Y.	\$1.36	\$18,836.00
21072	EROSION MATTING CLASS II TYPE B (ORGANIC)	1,180.0000	S.Y.	\$1.68	\$1,982.40
30201.0	TYPE "A" CONCRETE CURB & GUTTER	20.0000	L.F.	\$30.00	\$600.00
30301	5 INCH CONCRETE SIDEWALK - FLAGSTONE & JEFFY PATH	50.0000	S.F.	\$7.00	\$350.00
30302.0	7 INCH CONCRETE SIDEWALK & DRIVE - FLAGSTONE & JEFFY PATH	208.0000	S.F.	\$5.00	\$1,040.00
30340.0	CURB RAMP DETECTABLE WARNING FIELD	16.0000	S.F.	\$40.00	\$640.00

Item Code	Description	Quantity	Units	Unit Price	Extension
40102.0	CRUSHED AGGREGATE BASE COURSE, GRADATION 2 OR 3	2,590.0000	TON	\$15.00	\$38,850.00
40201.0	HMA PAVEMENT, TYPE E-0.3	675.0000	TON	\$68.00	\$45,900.00
60800	PAVEMENT MARKING EPOXY, LINE, 4-INCH	1,500.0000	L.F.	\$1.80	\$2,700.00
60801	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	35.0000	L.F.	\$3.55	\$124.25
60816	PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH	75.0000	L.F.	\$10.65	\$798.75
60886	PAVEMENT MARKING REMOVAL, 4" DOUBLE LINE	5.0000	L.F.	\$16.15	\$80.75
90004	CLEARING AND GRUBBING WOODED AREA	1.0000	L.S.	\$22,250.00	\$22,250.00
90005	TREE PROTECTION	5.0000	EACH	\$125.00	\$625.00
20101.0	GEOTEXTILE FABRIC TYPE HR	28.0000	S.Y.	\$5.00	\$140.00
90001	BIKE RAILING TYPE 1	100.0000	L.F.	\$196.00	\$19,600.00
90002	PREFABRICATED PEDESTRIAN BRIDGE	1.0000	L.S.	\$55,000.00	\$55,000.00
90003	REINFORCED CONCRETE BRIDGE ABUTMENTS	1.0000	L.S.	\$67,000.00	\$67,000.00
90010	HEAVY RIPRAP (BANK PROTECTION)	20.0000	C.Y.	\$75.00	\$1,500.00
90011	C.I.P. PILING DELIVERED AND DRIVEN	240.0000	L.F.	\$54.00	\$12,960.00
90015	CONCRETE APPROACH SLAB FOR PATH	38.0000	S.Y.	\$205.00	\$7,790.00
60231	FURNISH AND INSTALL 2 INCH PVC (SCHEDULE 40) CONDUIT BY OPEN TRENCH METHOD	2,500.0000	L.F.	\$6.05	\$15,125.00
60255	FURNISH AND INSTALL 3 #6 AND 1 #8 WIRES IN EXISTING OR CONTRACTOR-INSTALLED CONDUIT	2,600.0000	L.F.	\$4.80	\$12,480.00
60503	INSTALL CITY-FURNISHED CONCRETE POLE STREET LIGHT UNIT	13.0000	EACH	\$725.00	\$9,425.00
60704	CONSTRUCT ELECTRICAL HANDHOLE TYPE 3	13.0000	EACH	\$350.00	\$4,550.00
20230	HEAVY RIPRAP	10.0000	TON	\$65.00	\$650.00
20233	HEAVY RIPRAP FILTER FABRIC, TYPE HR	15.0000	S.Y.	\$6.00	\$90.00
20312	REMOVE STRUCTURE	1.0000	EACH	\$800.00	\$800.00
50211.0	SELECT BACKFILL FOR STORM SEWER	457.0000	T.F.	\$0.50	\$228.50
50301	8 INCH PVC SANITARY SEWER PIPE (STORM)	58.0000	L.F.	\$33.00	\$1,914.00
50411	12 INCH RCP STORM SEWER PIPE	164.0000	L.F.	\$34.00	\$5,576.00

Item Code	Description	Quantity	Units	Unit Price	Extension
50420	48 INCH RCP STORM SEWER PIPE	208.0000	L.F.	\$99.00	\$20,592.00
50431	14X23 INCH HERCP STORM SEWER PIPE	39.0000	L.F.	\$58.00	\$2,262.00
50436	38X60 INCH HERCP STORM SEWER PIPE	152.0000	L.F.	\$131.00	\$19,912.00
50461	12 INCH RCP AE	7.0000	EACH	\$590.00	\$4,130.00
50470	48 INCH RCP AE	1.0000	EACH	\$1,790.00	\$1,790.00
50481	14X23 INCH HERCP AE	1.0000	EACH	\$890.00	\$890.00
50610	48 INCH RCP AE GATE	1.0000	EACH	\$1,870.00	\$1,870.00
50621	14X23 INCH HERCP AE GATE	1.0000	EACH	\$500.00	\$500.00
50725	5X5 STORM SAS	1.0000	EACH	\$3,400.00	\$3,400.00
50741	TYPE H INLET	2.0000	EACH	\$1,700.00	\$3,400.00
90034	8'X4' CAST IN PLACE STORM STRUCTURE	1.0000	EACH	\$5,400.00	\$5,400.00
30301.0	5 INCH CONCRETE SIDEWALK - JEFFY TRAIL SIDEWALK	1,010.0000	S.F.	\$3.25	\$3,282.50
30302	7 INCH CONCRETE SIDEWALK AND DRIVE - JEFFY TRAIL SIDEWALK	665.0000	S.F.	\$3.75	\$2,493.75
10913	MOBILIZATION FOR WATER MAIN INSTALLATION	1.0000	LS	\$1,000.00	\$1,000.00
70002	FURNISH AND INSTALL 6 INCH PIPE AND FITTINGS	20.0000	L.F.	\$66.00	\$1,320.00
70003	FURNISH AND INSTALL 8 INCH PIPE AND FITTINGS	500.0000	L.F.	\$64.00	\$32,000.00
70404	REMOVAL OF EXCESS AMOUNTS OF BOULDERS (UNDISTRIBUTED)	50.0000	C.Y.	\$7.50	\$375.00
70407	FURNISH AND INSTALL HYDRANT	2.0000	EACH	\$3,300.00	\$6,600.00
70408	SELECT FILL - SAND FOR WATER	520.0000	L.F.	\$0.10	\$52.00
70413	FURNISH AND INSTALL STYROFOAM	16.0000	L.F.	\$10.00	\$160.00
70418	ADJUST WATER VALVE BOX	2.0000	EACH	\$250.00	\$500.00
70429	FURNISH AND INSTALL 8 INCH VALVE	1.0000	EACH	\$1,900.00	\$1,900.00
10704	TRAFFIC CONTROL FOR SANITARY SEWER	1.0000	LS	\$8,000.00	\$8,000.00
10721	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	20.0000	LS	\$100.00	\$2,000.00
10914	MOBILIZATION FOR SANITARY SEWER	1.0000	LS	\$8,000.00	\$8,000.00
20233	RIPRAP FILTER FABRIC TYPE HR (WETLAND CROSSING)	200.0000	S.Y.	\$3.00	\$600.00
20704	INFILTRATION SEEDING	100.0000	S.Y.	\$1.60	\$160.00
40102	CRUSHED AGGREGATE BASE, GRAD. 2 OR 3 (SAS ACCESS)	327.0000	TON	\$12.00	\$3,924.00
40202	HMA PAVEMENT, TYPE E-1	17.6000	TON	\$82.00	\$1,443.20

Item Code	Description	Quantity	Units	Unit Price	Extension
	(RAYMOND OVERLAY)				
40211	TACK COAT	7.3000	GAL	\$3.00	\$21.90
40311	FULL WIDTH GRINDING	147.0000	S.Y.	\$22.00	\$3,234.00
50201	ROCK EXCAVATION (UNDISTRIBUTED)	25.0000	C.Y.	\$1.00	\$25.00
50202	TYPE II DEWATERING	1.0000	LS	\$500.00	\$500.00
50212	SELECT BACKFILL FOR SANITARY SEWER	1,619.0000	T.F.	\$0.10	\$161.90
50225	UTILITY TRENCH PATCH TYPE III	31.0000	T.F.	\$83.40	\$2,585.40
50301	8 INCH PVC SANITARY SEWER PIPE SDR-26	1,467.0000	L.F.	\$54.18	\$79,482.06
50353	SANITARY SEWER LATERAL	152.0000	L.F.	\$36.00	\$5,472.00
50390	SEWER ELECTRONIC MARKERS	4.0000	EACH	\$30.00	\$120.00
50701	4' DIAMETER SAS	8.0000	EACH	\$3,670.00	\$29,360.00
50771	INTERNAL CHIMNEY SEAL	6.0000	EACH	\$400.00	\$2,400.00
50781	8" SANITARY SEWER OUTSIDE DROP	3.3100	V.F.	\$500.00	\$1,655.00
50791	SANITARY SEWER TAP	1.0000	EACH	\$1,400.00	\$1,400.00
50801	UTILITY LINE UPENING (ULO)	1.0000	EACH	\$500.00	\$500.00
90030	REMOVE SEPTIC SYSTEM	1.0000	LS	\$8,000.00	\$8,000.00
90031	SALVAGE TOPSOIL - WETLAND	333.0000	S.Y.	\$2.25	\$749.25
90032	TRENCH RESTORATION (TOPSOIL / WETLAND)	333.0000	S.Y.	\$3.75	\$1,248.75
90033	SAS ACCESS ROAD	545.0000	S.Y.	\$2.50	\$1,362.50
Total:					\$783,260.06



Department of Public Works
City Engineering Division

Larry D. Nelson, 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

608 266 4751

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

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

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

Operations Supervisor
Kathleen M. Cryan
Hydrogeologist
Joseph L. DeMoret, P.G.

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

Financial Officer
Steven B. Danner-Rivers

BIENNIAL BID BOND

Speedway Sand & Gravel, Inc.
(a corporation of the State of Wisconsin)
(individual ownership), (hereinafter referred to as the "Principal") and
Fidelity & Deposit Company of Maryland

a corporation of the State of MD (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, 2012 through January 31, 2014.

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

Speedway Sand & Gravel, Inc.
COMPANY NAME AFFIX SEAL


December 13, 2011
DATE

By:  Pres.
SIGNATURE AND TITLE

SURETY

Fidelity & Deposit Company of Maryland
COMPANY NAME AFFIX SEAL

December 13, 2011
DATE

By: 
SIGNATURE AND TITLE
Julie Smith, Attorney-In-Fact

This certifies that I have been duly licensed as an agent for the Surety in Wisconsin under License No. 2323835 for the year 2012, and appointed as attorney in fact with authority to execute this bid bond, which power of attorney has not been revoked.

December 13, 2011
DATE


AGENT

6609 University Avenue
ADDRESS

Middleton, WI 53562
CITY, STATE AND ZIP CODE

608-644-8668
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.

Power of Attorney
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

KNOW ALL MEN BY THESE PRESENTS: That the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, a corporation of the State of Maryland, by FRANK E. MARTIN JR., Vice President, and ERIC D. BARNES, Assistant Secretary, in pursuance of authority granted by Article VI, Section 2, of the By-Laws of said Company, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, does hereby nominate, constitute and appoint Rodd A. THEILER, Julie SMITH, Ann MAY, Sheryl A. LOY, Rana R. HUGHEY and Janice CLOOTEN, all of Middleton, Wisconsin, EACH its true and lawful agent and Attorney-in-Fact to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: any and all bonds and undertakings, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Company, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its office in Baltimore, Md. in their own proper persons. This power of attorney revokes that issued on behalf of Rodd A. THEILER, Julie SMITH, Ann MAY, dated August 4, 2011.

The said Assistant Secretary does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article VI, Section 2, of the By-Laws of said Company, and is now in force.

IN WITNESS WHEREOF the said Vice-President and Assistant Secretary have hereunto subscribed their names and affixed the Corporate Seal of the said FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 4th day of August, A.D. 2011.

ATTEST:

FIDELITY AND DEPOSIT COMPANY OF MARYLAND



Eric D. Barnes

Frank E. Martin Jr.

By:

Eric D. Barnes Assistant Secretary *Frank E. Martin Jr.* Vice President

State of Maryland }
City of Baltimore } ss:

On this 4th day of August, A.D. 2011, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, came FRANK E. MARTIN JR., Vice President, and ERIC D. BARNES, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and they each acknowledged the execution of the same, and being by me duly sworn, severally and each for himself depose and saith, that they are the said officers of the Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and that the said Corporate Seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.



Maria D. Adamski

Maria D. Adamski Notary Public
My Commission Expires: July 8, 2015

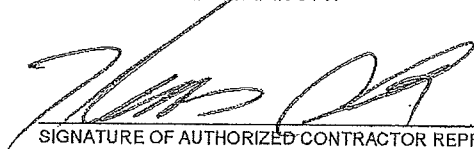
CERTIFICATE OF BIENNIAL BID BOND

TIME PERIOD - VALID (FROM/TO)
February 1, 2012 - January 31, 2014
NAME OF SURETY
Fidelity & Deposit Company of Maryland
NAME OF CONTRACTOR
Speedway Sand & Gravel, 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

Dec 14, 2011

SECTION H: AGREEMENT

THIS AGREEMENT made this 17 day of JULY in the year Two Thousand and Thirteen between SPEEDWAY SAND & GRAVEL, 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 16, 2013, 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:

ICE AGE JUNCTION PATH AND JEFFY PATH AND JEFFY TRAIL SANITARY SEWER ASSESSMENT DISTRICT CONTRACT NO. 6886

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 SEVEN HUNDRED EIGHTY-THREE THOUSAND TWO HUNDRED SIXTY DOLLARS AND SIX CENTS (\$783,260.06) 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.

"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, 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 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 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 Contractor state that all qualified or qualifiable applicants will be employed without regard to race, religion, color, age, marital status, disability, sex 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 Director of Affirmative Action.

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.

**ICE AGE JUNCTION PATH AND JEFFY PATH
AND
JEFFY TRAIL SANITARY SEWER ASSESSMENT DISTRICT
CONTRACT NO. 6886**

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:

SPEEDWAY SAND & GRAVEL, INC.

Bonnie Lawson 7/15/13
Witness Date

John Klor 7/15/13
Witness Date

Company Name

[Signature] 7/15/13
President Date

Annice Ryan 7/15/13
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 29th day of July

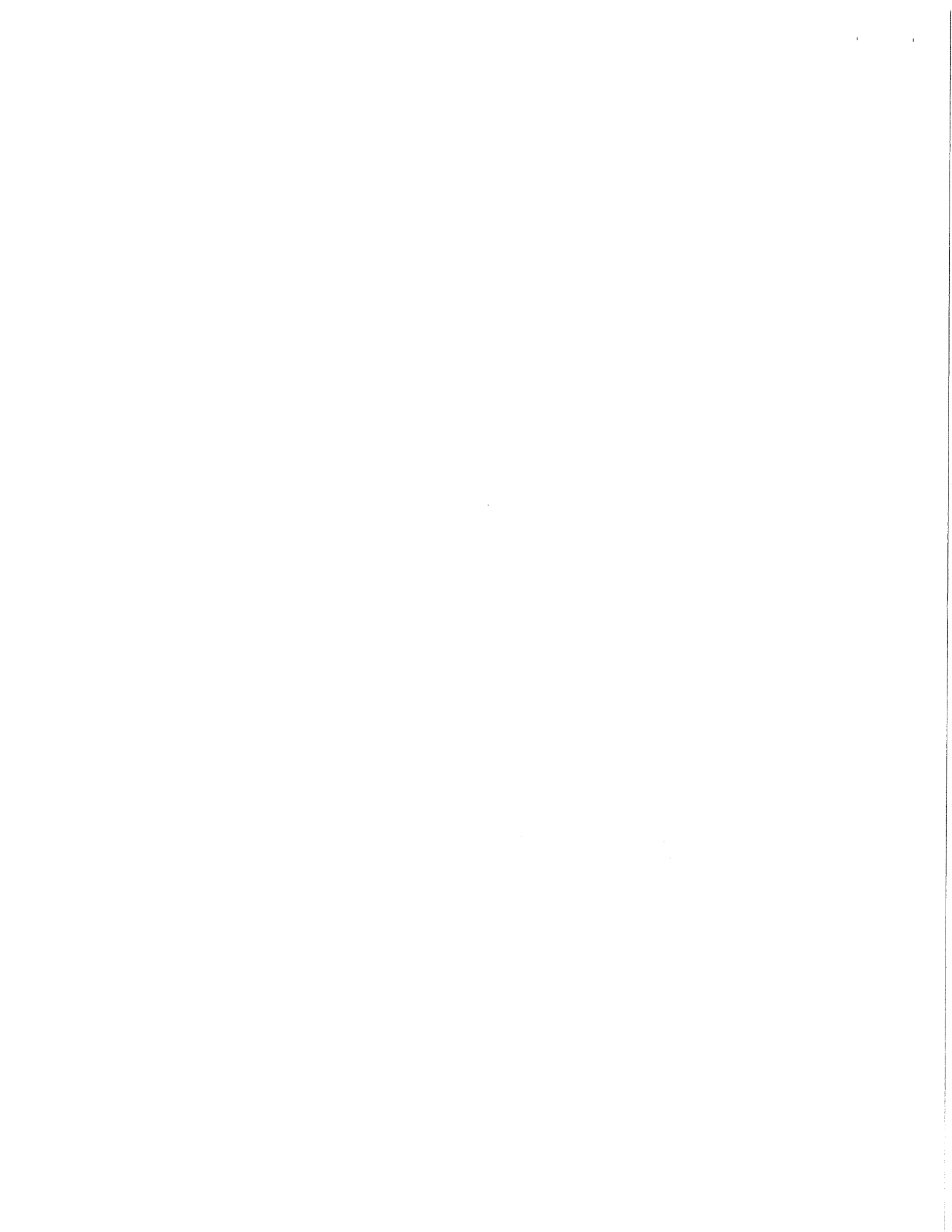
2013

[Signature]
Witness

[Signature] 7/29/13
Mayor Date

[Signature]
Witness

Maibeth Witzel-Behl 7-22-2013
City Clerk Date



SECTION I: PAYMENT AND PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS, that we SPEEDWAY SAND & GRAVEL, INC. as principal, and Fidelity and Deposit Company of Maryland Company of Maryland as surety, are held and firmly bound unto the City of Madison, Wisconsin, in the sum of SEVEN HUNDRED EIGHTY-THREE THOUSAND TWO HUNDRED SIXTY DOLLARS AND SIX CENTS (\$783,260.06), 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:

**ICE AGE JUNCTION PATH AND JEFFY PATH
AND
JEFFY TRAIL SANITARY SEWER ASSESSMENT DISTRICT
CONTRACT NO. 6886**

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 17th day of July, 2013

Countersigned:

SPEEDWAY SAND & GRAVEL, INC.

Company Name (Principal)

Bonnie Larson

Witness

[Signature]
President Seal

Juanice Ryan

Secretary

Approved as to form:

Fidelity and Deposit Company of Maryland

Surety

Seal

Salary Employee

Commission

[Signature]

City Attorney

By

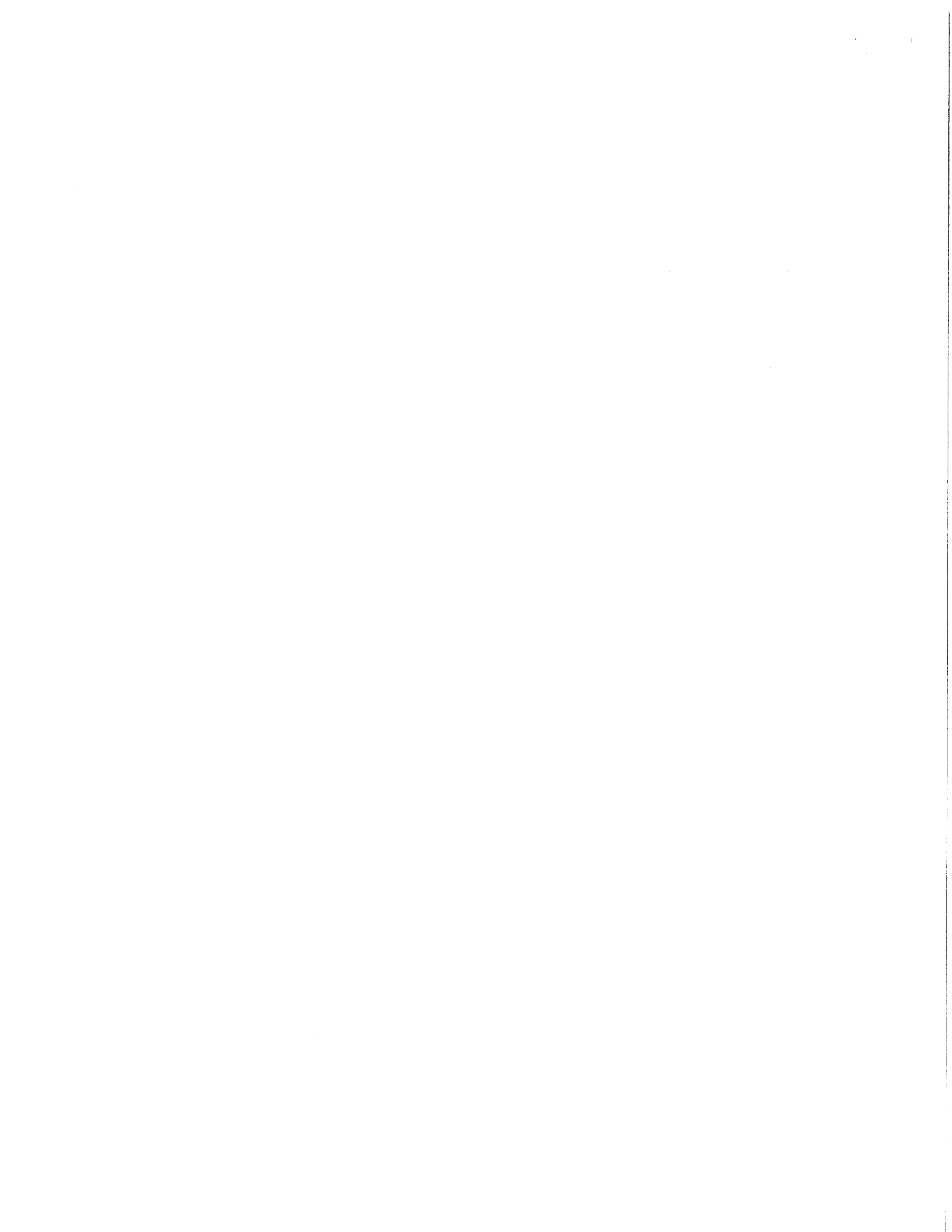
[Signature]
Attorney-in-Fact Elizabeth Mosca

This certifies that I have been duly licensed as an agent for the above company in Wisconsin under License No. 2530156 for the year 2013, and appointed as attorney-in-fact with authority to execute this payment and performance bond which power of attorney has not been revoked.

July 17, 2013

Date

[Signature]
Agent Signature Elizabeth Mosca



**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **THOMAS O. MCCLELLAN, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Ann MAY, Rana R. HUGHEY, Janice CLOOTEN, Michele A. HOLZ and Elizabeth MOSCA, all of Middleton, Wisconsin, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 14th day of May, A.D. 2013.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



By: *Eric D. Barnes*
Assistant Secretary
Eric D. Barnes

Thomas O. McClellan
Vice President
Thomas O. McClellan

State of Maryland
City of Baltimore

On this 14th day of May, A.D. 2013, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **THOMAS O. MCCLELLAN, Vice President, and ERIC D. BARNES, Assistant Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Constance A. Dunn



Constance A. Dunn, Notary Public
My Commission Expires: July 14, 2015

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify or revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

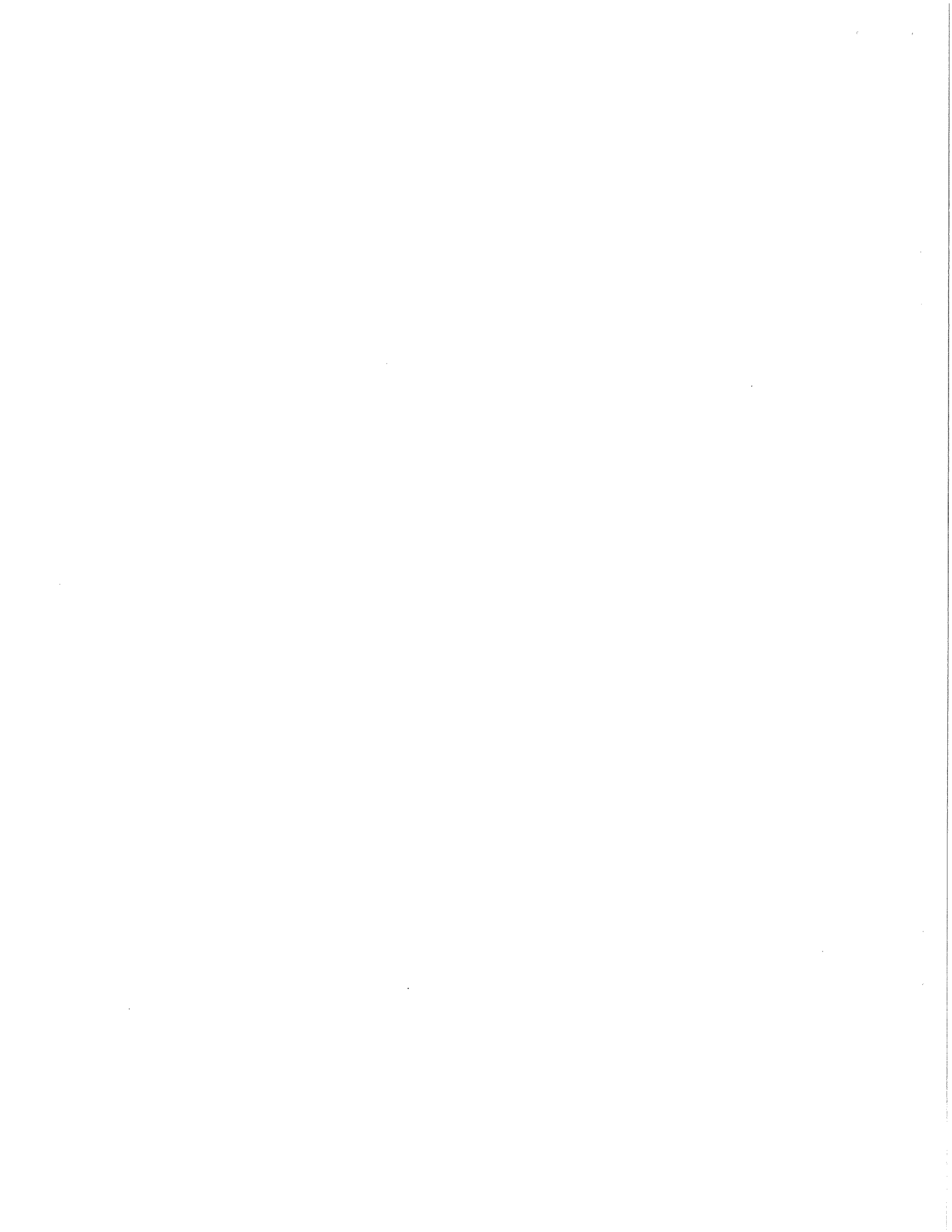
IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 17 day of July, 2013.



Geoffrey Delisio

Geoffrey Delisio, Vice President

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: 01/10/2013
 Amended On: 02/18/2013

DETERMINATION NUMBER: 201300080

EXPIRATION DATE: Prime Contracts MUST Be Awarded or Negotiated On Or Before 12/31/2013. 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:	<p>Time and one-half must be paid for all hours worked:</p> <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. <p>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.</p> <p>A DOT Premium (discussed below) may supersede this time and one-half requirement.</p>
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

<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	30.16	15.31	45.47
102	Boilermaker	31.09	24.52	55.61
103	Bricklayer, Blocklayer or Stonemason Future Increase(s): Add \$.80 on 6/1/2013 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	30.16	15.31	45.47
105	Carpenter	30.16	15.31	45.47
106	Carpet Layer or Soft Floor Coverer	30.16	15.31	45.47
107	Cement Finisher	31.48	13.19	44.67
108	Drywall Taper or Finisher	25.10	14.78	39.88
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.	32.94	18.80	51.74
110	Elevator Constructor	44.94	23.84	68.78
111	Fence Erector	22.50	3.98	26.48
112	Fire Sprinkler Fitter	36.07	18.60	54.67
113	Glazier	37.13	12.32	49.45
114	Heat or Frost Insulator	33.93	23.26	57.19
115	Insulator (Batt or Blown)	27.47	19.16	46.63
116	Ironworker	30.90	19.11	50.01
117	Lather	30.16	15.31	45.47
118	Line Constructor (Electrical)	37.05	16.94	53.99

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>
		\$	\$	\$
119	Marble Finisher	20.00	0.00	20.00
120	Marble Mason	32.01	16.85	48.86
121	Metal Building Erector	18.05	8.08	26.13
122	Millwright	31.76	15.36	47.12
123	Overhead Door Installer	13.50	0.00	13.50
124	Painter	24.80	14.78	39.58
125	Pavement Marking Operator	30.00	0.00	30.00
126	Piledriver	30.66	15.31	45.97
127	Pipeline Fuser or Welder (Gas or Utility)	30.18	19.29	49.47
129	Plasterer	30.03	16.36	46.39
130	Plumber	36.17	15.37	51.54
132	Refrigeration Mechanic	42.45	16.71	59.16
133	Rofer or Waterproofer	30.40	2.23	32.63
134	Sheet Metal Worker	34.23	20.19	54.42
135	Steamfitter	41.20	16.28	57.48
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.	21.89	11.85	33.74
138	Temperature Control Installer	41.20	16.21	57.41
139	Terrazzo Finisher Future Increase(s): Add \$.80 on 6/1/2013	26.57	16.50	43.07
140	Terrazzo Mechanic	29.51	17.63	47.14
141	Tile Finisher Future Increase(s): Add \$.80/hr on 6/1/2013.	23.77	16.50	40.27
142	Tile Setter Future Increase(s): Add \$.80/hr on 6/1/2013.	29.71	16.50	46.21
143	Tuckpointer, Caulker or Cleaner Future Increase(s): Add \$.80 on 6/1/2013 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

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>	\$	\$	\$
144	Underwater Diver (Except on Great Lakes)	34.16	15.31	49.47
146	Well Driller or Pump Installer Future Increase(s): Add \$.20/hr on 06/01/2013.	25.32	15.45	40.77
147	Siding Installer	37.20	17.01	54.21
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	28.24	15.10	43.34
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	29.64	14.64	44.28
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	25.94	13.57	39.51
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	24.08	12.96	37.04
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	24.00	11.57	35.57

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	31.89	17.98	49.87
203	Three or More Axle	18.00	11.45	29.45
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add \$1/hr on 6/2/2013.	32.39	18.46	50.85
205	Pavement Marking Vehicle	20.85	11.02	31.87
207	Truck Mechanic	18.00	11.45	29.45

LABORERS

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>	\$	\$	\$
301	General Laborer Future Increase(s): Add \$.75/hr. on 06/03/2013 Premium Increase(s): Add \$1.00/hr for certified welder; Add \$.25/hr for mason tender	24.19	13.90	38.09
302	Asbestos Abatement Worker	18.00	0.00	18.00
303	Landscaper	15.00	3.90	18.90
310	Gas or Utility Pipeline Laborer (Other Than Sewer and Water)	20.94	12.65	33.59

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>	\$	\$	\$
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.	18.31	12.67	30.98
314	Railroad Track Laborer	23.41	6.91	30.32
315	Final Construction Clean-Up Worker	24.69	12.90	37.59

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

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>	\$	\$	\$
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). Future Increase(s): Add \$1/hr on 6/2/2013.	32.39	18.46	50.85
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). Future Increase(s): Add \$1/hr on 6/2/2013.	32.39	18.46	50.85
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. Future Increase(s): Add \$1/hr on 6/2/2013.	30.32	18.46	48.78

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>
		\$	\$	\$
504	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	37.45	19.45	56.90
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. Future Increase(s): Add \$2.19/hr on 01/01/2013; Add \$2.00/hr on 01/01/2014. Premium Increase(s): Add \$.50/hr for Friction Crane, Lattice Boom or Crane Certification (CCO).	38.80	20.17	58.97
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. Future Increase(s): Add \$2.08/hr on 01/01/2013; Add \$2.00/hr on 01/01/2014.	34.50	20.04	54.54
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. Future Increase(s): Add \$1.88/hr on 01/01/2013; Add \$2.00/hr on 01/01/2014.	28.70	19.86	48.56

**HEAVY EQUIPMENT OPERATORS
EXCLUDING SITE PREPARATION, UTILITY, PAVING LANDSCAPING WORK**

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>
		\$	\$	\$
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. Future Increase(s): Add \$1/hr on 6/2/2013. Premium Increase(s): Add \$.50/hr for >200 Ton / Add \$1/hr at 300 Ton / Add \$1.50 at 400 Ton / Add \$2/hr at 500 Ton & Over.	35.12	18.46	53.58

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>	\$	\$	\$
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). Future Increase(s): Add \$1/hr on 6/2/2013. Premium Increase(s): Add \$.25/hr for all >45 Ton lifting capacity cranes.	34.12	18.46	52.58
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).	32.42	17.97	50.39
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). Future Increase(s): Add \$1/hr on 6/2/2013.	32.39	18.46	50.85
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. Future Increase(s): Add \$1/hr on 6/2/2013.	30.32	18.46	48.78

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> \$
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. Future Increase(s): Add \$1/hr on 6/2/2013.	29.69	18.46	48.15
514	Gas or Utility Pipeline, Except Sewer & Water (Primary Equipment). Future Increase(s): Add \$2/hr on 1/1/2013.	34.89	20.59	55.48
515	Gas or Utility Pipeline, Except Sewer & Water (Secondary Equipment). Future Increase(s): Add \$1.60/hr on 06/01/2013; Add \$1.60/hr on 06/01/2014; Add \$1.65/hr on 06/01/2015.	31.32	17.95	49.27
516	Fiber Optic Cable Equipment Future Increase(s): Add \$1.75/hr on 02/01/2013; Add \$1.75/hr on 02/01/2014	26.69	16.65	43.34

SEWER, WATER OR TUNNEL CONSTRUCTION
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Includes those projects that primarily involve public sewer or water distribution, transmission or collection systems and related tunnel work (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> \$
Fringe Benefits Must Be Paid On <u>All</u> Hours Worked				
103	Bricklayer, Blocklayer or Stonemason Future Increase(s): Add \$1.45/hr on 6/01/2013 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.	35.80	16.87	52.67
105	Carpenter Future Increase(s): Add \$.75/hr on 6/3/2013. 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.	32.93	19.81	52.74
107	Cement Finisher Future Increase(s): Add \$1.87 on 6/1/13; 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.	32.09	16.13	48.22
109	Electrician Future Increase(s): Add \$1.60/hr on 6/1/2013. 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.	32.20	21.71	53.91
111	Fence Erector	22.50	3.98	26.48
116	Ironworker	30.90	19.11	50.01
118	Line Constructor (Electrical)	37.05	16.94	53.99
125	Pavement Marking Operator	28.10	15.00	43.10
126	Piledriver	30.66	15.31	45.97
130	Plumber	36.97	17.66	54.63

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>
		\$	\$	\$
135	Steamfitter	41.20	16.28	57.48
137	Teledata Technician or Installer	21.26	11.75	33.01
143	Tuckpointer, Caulker or Cleaner	32.01	16.85	48.86
144	Underwater Diver (Except on Great Lakes)	37.45	19.45	56.90
146	Well Driller or Pump Installer	21.00	2.23	23.23
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	28.24	15.10	43.34
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	29.64	14.64	44.28
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	25.94	13.57	39.51
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	24.08	12.96	37.04
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	11.90	33.65

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	25.87	13.00	38.87
203	Three or More Axle	17.54	13.85	31.39
204	Articulated, Euclid, Dumptor, Off Road Material Hauler	31.89	17.98	49.87
205	Pavement Marking Vehicle	20.85	11.02	31.87
207	Truck Mechanic	17.00	0.00	17.00

LABORERS

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>
		\$	\$	\$
301	General Laborer Future Increase(s): Add \$.80/hr. on 06/03/2013 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.	25.53	13.89	39.42
303	Landscaper	26.92	12.51	39.43

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> \$
304	Flagperson or Traffic Control Person	17.33	15.53	32.86
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	17.81	12.22	30.03
314	Railroad Track Laborer	23.41	6.91	30.32

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

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> \$
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. Future Increase(s): Add \$1/hr on 6/2/2013. Premium Increase(s): Add \$.50/hr for >200 Ton / Add \$1/hr at 300 Ton / Add \$1.50 at 400 Ton / Add \$2/hr at 500 Ton & Over.	35.12	18.46	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). Future Increase(s): Add \$1/hr on 6/2/2013.	32.92	18.46	51.38
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). Future Increase(s): Add \$1/hr on 6/2/2013.	32.39	18.46	50.85

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.	31.89	18.11	50.00
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. Future Increase(s): Add \$1/hr on 6/2/2013.	29.69	18.46	48.15
526	Boiler (Temporary Heat); Forklift; Greaser; Oiler.	30.44	19.10	49.54
527	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	37.45	19.45	56.90
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.	37.45	19.45	56.90
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.	27.75	19.15	46.90
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.	27.75	19.15	46.90

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

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> \$
103	Bricklayer, Blocklayer or Stonemason	35.58	19.20	54.78
105	Carpenter	30.16	15.31	45.47
107	Cement Finisher Future Increase(s): Add \$1.87 on 6/1/13; 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.	32.09	16.13	48.22
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.	32.94	18.80	51.74
111	Fence Erector	28.00	4.50	32.50
116	Ironworker	30.90	19.11	50.01
118	Line Constructor (Electrical)	31.29	15.34	46.63
124	Painter	26.65	13.10	39.75
125	Pavement Marking Operator	29.22	16.71	45.93
126	Piledriver	30.66	15.31	45.97
133	Rofer or Waterproofer	30.40	2.23	32.63
137	Teledata Technician or Installer	21.26	11.75	33.01
143	Tuckpointer, Caulker or Cleaner	32.01	16.85	48.86
144	Underwater Diver (Except on Great Lakes)	37.45	19.45	56.90
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	29.64	17.00	46.64
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	35.50	15.09	50.59

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	25.94	13.57	39.51
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	24.08	12.96	37.04
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	11.90	33.65

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	33.22	18.90	52.12
203	Three or More Axle Future Increase(s): Add \$1.85/hr on 6/1/2013. 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.	23.31	17.13	40.44
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add \$2/hr on 6/1/13; Add \$1.75/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 night work premium. See DOT's website for details about the applicability of this night work premium at: http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/index.shtm .	27.77	19.90	47.67
205	Pavement Marking Vehicle	23.84	14.94	38.78
206	Shadow or Pilot Vehicle	33.22	18.90	52.12
207	Truck Mechanic	22.50	16.19	38.69

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 \$1.70/hr on 6/1/2013; 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).	28.35	13.90	42.25
302	Asbestos Abatement Worker	18.00	0.00	18.00
303	Landscaper Future Increase(s): Add \$1.70/hr on 6/1/13; 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).	28.35	13.90	42.25
304	Flagperson or Traffic Control Person Future Increase(s): Add \$1.70/hr on 6/1/2013; 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.	24.70	13.90	38.60
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	17.81	12.22	30.03
314	Railroad Track Laborer	23.41	6.91	30.32

**HEAVY EQUIPMENT OPERATORS
AIRPORT PAVEMENT OR STATE HIGHWAY 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	\$	\$	\$
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 \$2/hr on 6/1/13; Add \$1.75/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 night work premium. See DOT's website for details about the applicability of this night work premium at: http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eo/index.shtm .	35.22	19.90	55.12
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 \$2/hr on 6/1/13; Add \$1.75/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 night work premium. See DOT's website for details about the applicability of this night work premium at: http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eo/index.shtm .	34.72	19.90	54.62

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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 Mfr.'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 \$2/hr on 6/1/13; Add \$1.75/hr on 6/1/14.</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 \$1.25/hr night work premium. See DOT's website for details about the applicability of this night work premium at: http://roadwaystandards.dot.wi.gov/hccilabor-wages-eeo/index.shtm.</p>	34.22	19.90	54.12
534	<p>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.</p> <p>Future Increase(s): Add \$2/hr on 6/1/13; Add \$1.75/hr on 6/1/14.</p> <p>Premium Increase(s):</p>	33.96	19.90	53.86

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> \$
	<p>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 night work premium. See DOT's website for details about the applicability of this night work premium at: http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/index.shtm.</p>			
535	<p>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.</p> <p>Future Increase(s): Add \$2/hr on 6/1/13; Add \$1.75/hr on 6/1/14.</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 \$1.25/hr night work premium. See DOT's website for details about the applicability of this night work premium at: http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/index.shtm.</p>	33.67	19.90	53.57
536	Fiber Optic Cable Equipment.	25.74	15.85	41.59
537	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	37.45	19.45	56.90
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.	37.45	19.45	56.90
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.	27.75	19.15	46.90
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.	27.75	19.15	46.90

LOCAL STREET OR MISCELLANEOUS PAVING CONSTRUCTION
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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

<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				
103	Bricklayer, Blocklayer or Stonemason	33.00	15.00	48.00
105	Carpenter	30.16	15.31	45.47
107	Cement Finisher	31.48	15.68	47.16
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.	32.94	18.80	51.74
111	Fence Erector	22.50	3.98	26.48
116	Ironworker	30.90	19.11	50.01
118	Line Constructor (Electrical)	37.05	16.94	53.99
124	Painter	24.80	14.78	39.58
125	Pavement Marking Operator	28.10	15.00	43.10
126	Piledriver	30.66	15.31	45.97
133	Roofer or Waterproofer	30.40	2.23	32.63
137	Teledata Technician or Installer	21.26	11.75	33.01
143	Tuckpointer, Caulker or Cleaner	32.01	16.85	48.86
144	Underwater Diver (Except on Great Lakes)	37.45	19.45	56.90
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	29.64	14.55	44.19
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY 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.	30.60	14.64	45.24
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	25.94	13.57	39.51
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	24.08	12.96	37.04
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	11.90	33.65

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	25.87	13.00	38.87
203	Three or More Axle	17.00	0.00	17.00
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add \$1/hr on 6/2/2013.	32.39	18.46	50.85
205	Pavement Marking Vehicle	20.85	11.02	31.87
206	Shadow or Pilot Vehicle	25.87	13.00	38.87
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
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	\$	\$	\$
301	General Laborer	27.20	13.37	40.57
303	Landscaper	18.25	1.11	19.36
304	Flagperson or Traffic Control Person	17.33	15.53	32.86
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	17.81	12.22	30.03
314	Railroad Track Laborer	23.41	6.91	30.32

**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 \$2/hr on 6/1/13; Add \$1.75/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 night work premium. See DOT's website for details about the applicability of this night work premium at: http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/index.shtm .	35.22	19.90	55.12
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 \$2/hr on 6/1/13; Add \$1.75/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 night work premium. See DOT's website for details about the applicability of this night work premium at: http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/index.shtm .	34.72	19.90	54.62

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 \$2/hr on 6/1/13; Add \$1.75/hr on 6/1/14.</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 \$1.25/hr night work premium. See DOT's website for details about the applicability of this night work premium at: http://roadwaystandards.dot.wi.gov/hccilabor-wages-eo/index.shtm.</p>	34.22	19.90	54.12
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> <p>Future Increase(s): Add \$2/hr on 6/1/13; Add \$1.75/hr on 6/1/14.</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 \$1.25/hr night work premium. See DOT's website for details about the applicability of this night work premium at: http://roadwaystandards.dot.wi.gov/hccilabor-wages-eo/index.shtm.</p>	33.96	19.90	53.86

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
545	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.	29.82	17.98	47.80
546	Fiber Optic Cable Equipment.	25.74	15.85	41.59
547	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	37.45	19.45	56.90
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.	37.45	19.45	56.90
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.	27.75	19.15	46.90
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.	27.75	19.15	46.90

**HEAVY EQUIPMENT OPERATORS
ASPHALT PAVEMENT OR OTHER 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	\$	\$	\$
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.	34.62	17.98	52.60
552	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/hr on 6/2/2013.	32.92	18.46	51.38

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>	\$	\$	\$
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. Future Increase(s): Add \$1/hr on 6/2/2013.	32.39	18.46	50.85
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. Future Increase(s): Add \$2/hr on 6/1/13; Add \$1.75/hr on 6/1/14.	33.67	19.55	53.22
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 \$2/hr on 6/1/13; Add \$1.75/hr on 6/1/14.	33.67	19.55	53.22
556	Fiber Optic Cable Equipment.	25.74	15.85	41.59

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

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>	\$	\$	\$
101	Acoustic Ceiling Tile Installer	19.50	11.10	30.60
102	Boilermaker	31.09	24.52	55.61
103	Bricklayer, Blocklayer or Stonemason	23.00	0.00	23.00
104	Cabinet Installer	16.25	3.22	19.47
105	Carpenter	30.16	1.36	31.52
106	Carpet Layer or Soft Floor Coverer	23.95	6.48	30.43
107	Cement Finisher	22.46	2.71	25.17
108	Drywall Taper or Finisher	15.50	0.00	15.50
109	Electrician	17.00	13.64	30.64
110	Elevator Constructor	44.94	23.84	68.78
111	Fence Erector	18.52	5.93	24.45
112	Fire Sprinkler Fitter	36.07	18.60	54.67
113	Glazier	37.13	12.32	49.45
114	Heat or Frost Insulator	35.00	0.00	35.00
115	Insulator (Batt or Blown)	18.50	13.98	32.48
116	Ironworker	30.90	19.11	50.01
117	Lather	30.16	1.36	31.52
119	Marble Finisher	16.50	2.38	18.88
120	Marble Mason	23.00	0.00	23.00
121	Metal Building Erector	16.52	1.82	18.34
123	Overhead Door Installer	17.00	0.00	17.00
124	Painter	23.00	11.27	34.27
125	Pavement Marking Operator	28.10	15.00	43.10

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>
		\$	\$	\$
129	Plasterer	20.00	0.00	20.00
130	Plumber	38.90	0.00	38.90
132	Refrigeration Mechanic	33.00	1.79	34.79
133	Roofer or Waterproofer	17.50	3.73	21.23
134	Sheet Metal Worker	21.03	3.40	24.43
135	Steamfitter	41.20	16.28	57.48
137	Teledata Technician or Installer	19.23	1.46	20.69
138	Temperature Control Installer	21.00	0.00	21.00
139	Terrazzo Finisher	26.57	16.00	42.57
140	Terrazzo Mechanic	30.01	17.13	47.14
141	Tile Finisher	20.60	4.88	25.48
142	Tile Setter	19.00	0.00	19.00
143	Tuckpointer, Caulker or Cleaner	32.50	2.84	35.34
146	Well Driller or Pump Installer	19.00	7.30	26.30
147	Siding Installer	19.07	0.00	19.07

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	28.05	4.18	32.23
203	Three or More Axle	20.00	4.37	24.37
205	Pavement Marking Vehicle	20.85	11.02	31.87
207	Truck Mechanic	19.00	1.85	20.85

LABORERS

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>
		\$	\$	\$
301	General Laborer	19.80	7.22	27.02
302	Asbestos Abatement Worker	18.00	6.24	24.24
303	Landscaper	13.15	6.51	19.66

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> \$
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	17.81	12.22	30.03
315	Final Construction Clean-Up Worker	15.00	0.00	15.00

**HEAVY EQUIPMENT OPERATORS
RESIDENTIAL OR AGRICULTURAL CONSTRUCTION**

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> \$
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, Timbco, 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.	31.89	18.20	50.09
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.	28.70	4.91	33.61

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