

RUSH

RUSH

Contract Routing Form

ROUTING: Hand Carry

printed on: 05/29/2013

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

Project: North Henry St. & Iota Court Assessment District - 2013

Contract No.: 6998
Enactment No.: RES-13-00395
Dollar Amount: 1,024,780.15

File No.: 29987
Enactment Date: 05/21/2013

22

(Please DATE before routing)

Signatures Required	Date Received	Date Signed
City Clerk	5-29-2013	5-29-13
Director of Civil Rights	5-29-2013	5-29-13 MCO
Risk Manager	5-29-2013	5-30-13 KRB
Finance Director	5/30/2013	5/30/13 CF
City Attorney	5/30-2013	
Mayor	5-30-13	5-30-13

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

Original + 2 Copies

05/29/2013 10:29:03 enjls - Please call 266-4751 when contract has been
signed and is ready to continue routing. Thanks!

05/29/2013 10:29:24 enjls - Proj. Engineer: Jim Wolfe, 266-4099

RUSH

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

RUSH

1-1-1

1-1-1

1-1-1

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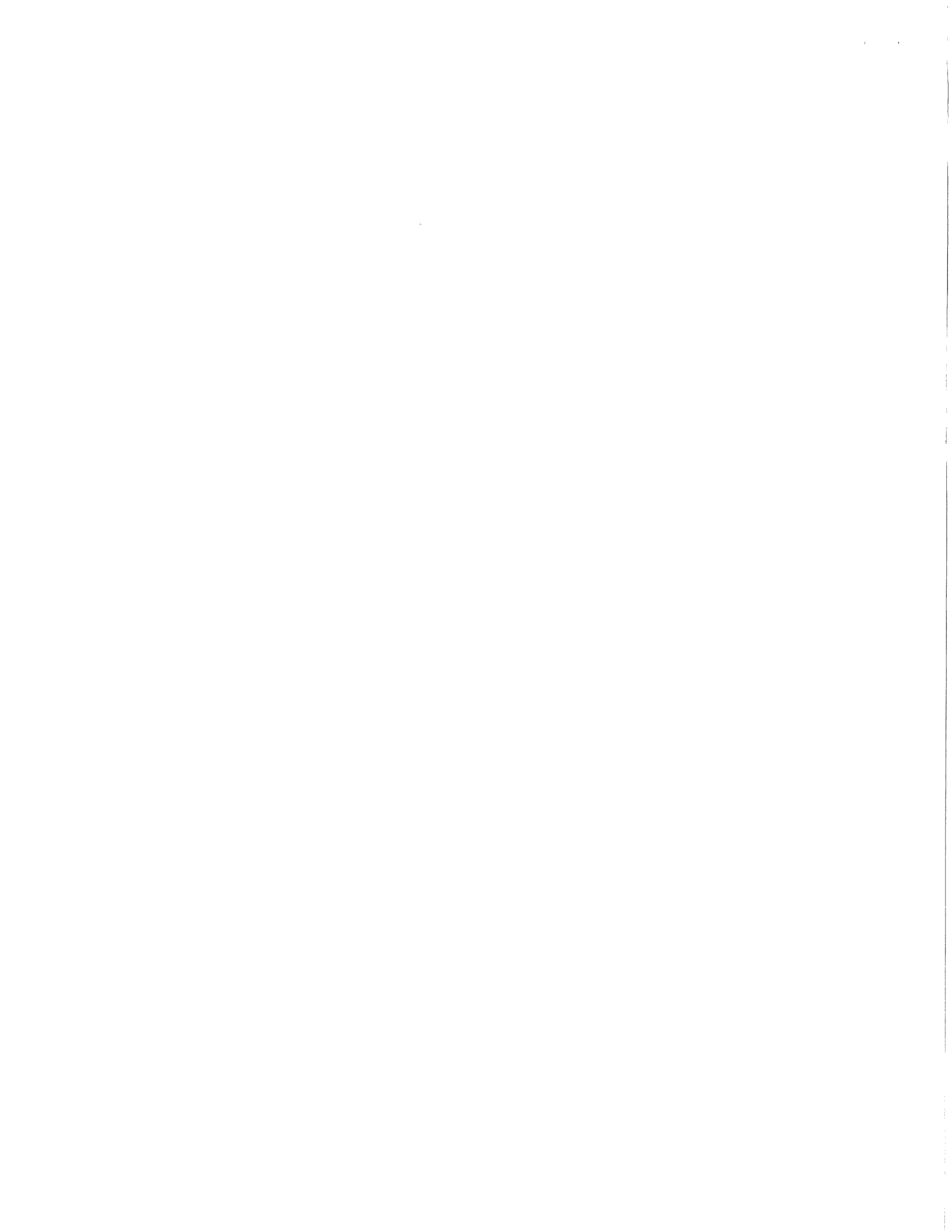
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File #: 29987 **Version:** 1 **Name:** Awarding Public Works Contract No. 6998, North Henry Street and Iota Court Assessment District - 2013.
Type: Resolution **Status:** Passed
File created: 4/30/2013 **In control:** BOARD OF PUBLIC WORKS
On agenda: 5/21/2013 **Final action:** 5/21/2013
Enactment date: 5/22/2013 **Enactment #:** RES-13-00395
Title: Awarding Public Works Contract No. 6998, North Henry Street and Iota Court Assessment District - 2013.
Sponsors: BOARD OF PUBLIC WORKS
Attachments: 1. Contract 6998.pdf

[History \(3\)](#)
 [Text](#)

3 records		Group	Export			
Date	Ver.	Action By	Action	Result	Action Details	Watch
5/21/2013	1	<u>COMMON COUNCIL</u>			Not available	Not available
5/8/2013	1	<u>BOARD OF PUBLIC WORKS</u>			Not available	Not available
4/30/2013	1	<u>Engineering Division</u>	Refer		<u>Action details</u>	Not available



PROJECT	CONTRACTOR	AMOUNT OF BID
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CONTRACT NO. 6998
 NORTH HENRY STREET AND IOTA COURT ASSESSMENT DISTRICT - 2013

SPEEDWAY SAND & GRAVEL, INC.	\$1,024,780.15
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Acct. No. CS53-58250-810355-00-53W1483	\$313,180.65
Contingency 8%±	25,054.00
Plan & Prep 15%±	<u>46,975.35</u>
Sub-Total	\$385,210.00

Acct. No. CS53-58270-810355-00-53W1483	\$78,708.00
Contingency 8%±	6,297.00
Plan & Prep 15%±	<u>11,805.00</u>
Sub-Total	\$96,810.00

Acct. No. ESTM-58270-810381-00-53W1483	\$102,382.80
Contingency 8%±	<u>8,187.20</u>
Sub-Total	\$110,570.00

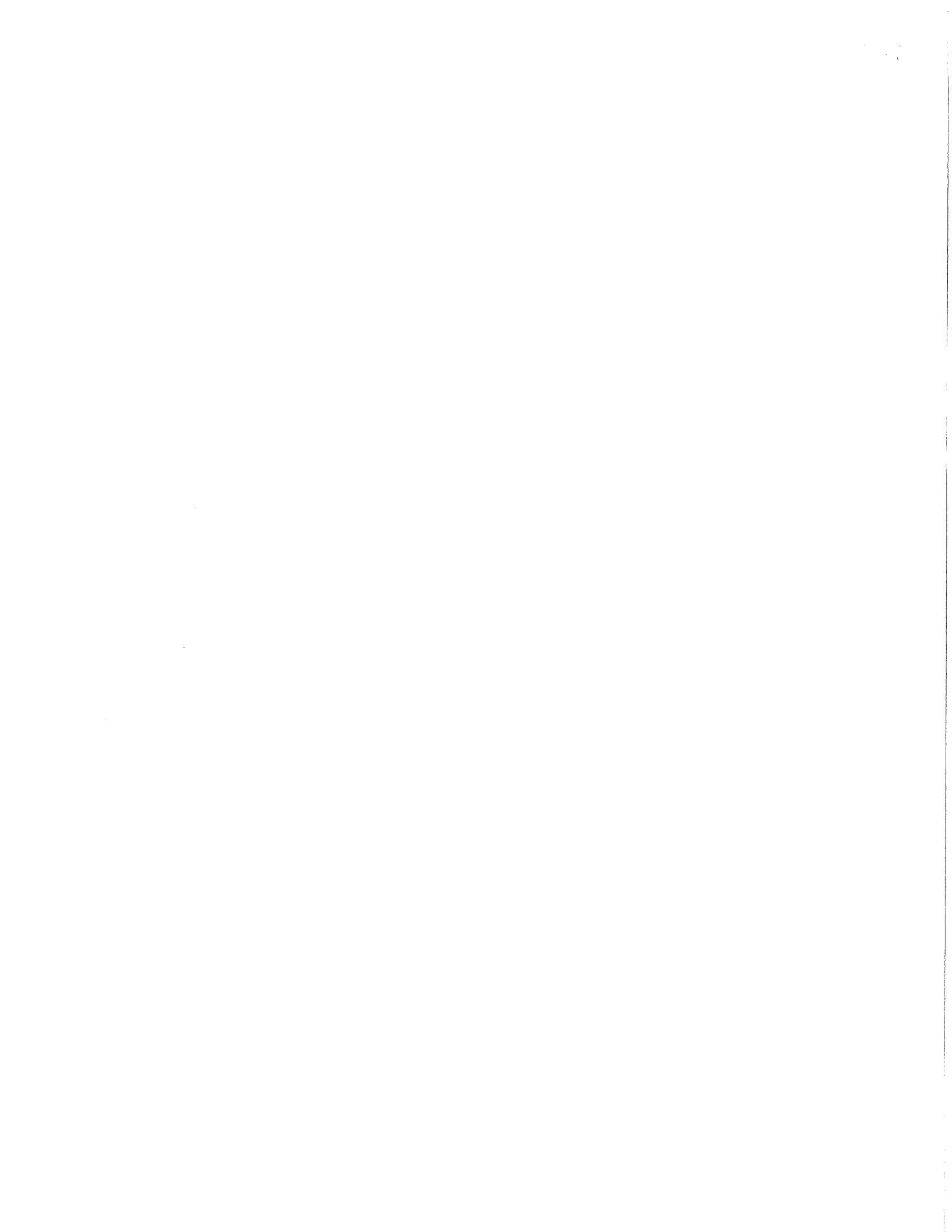
Acct. No. ESTM-58270-810551-00-53W1483	\$3,200.00
Contingency 8%±	<u>260.00</u>
Sub-Total	\$3,460.00

Acct. No. ES01-58275-810332-00-53W1483	\$254,476.70
Contingency 8%±	<u>20,363.30</u>
Sub-Total	\$274,840.00

Acct. No. EW01-58273-810455-00-53W1483	\$251,142.00
Contingency 8%±	<u>20,088.00</u>
Sub-Total	\$271,230.00

Acct. No. CS53-58545-810355-00-53W1483	\$21,690.00
Contingency 8%±	1,735.00
Plan & Prep 15%±	<u>3,255.00</u>
Sub-Total	\$26,680.00

GRAND TOTAL	<u>\$1,168,800.00</u>
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**Wisconsin Office of the Commissioner of Insurance
Licensed Producer Search***

Thursday, May 30, 2013

MOSCA, ELIZABETH
MIDDLETON WI

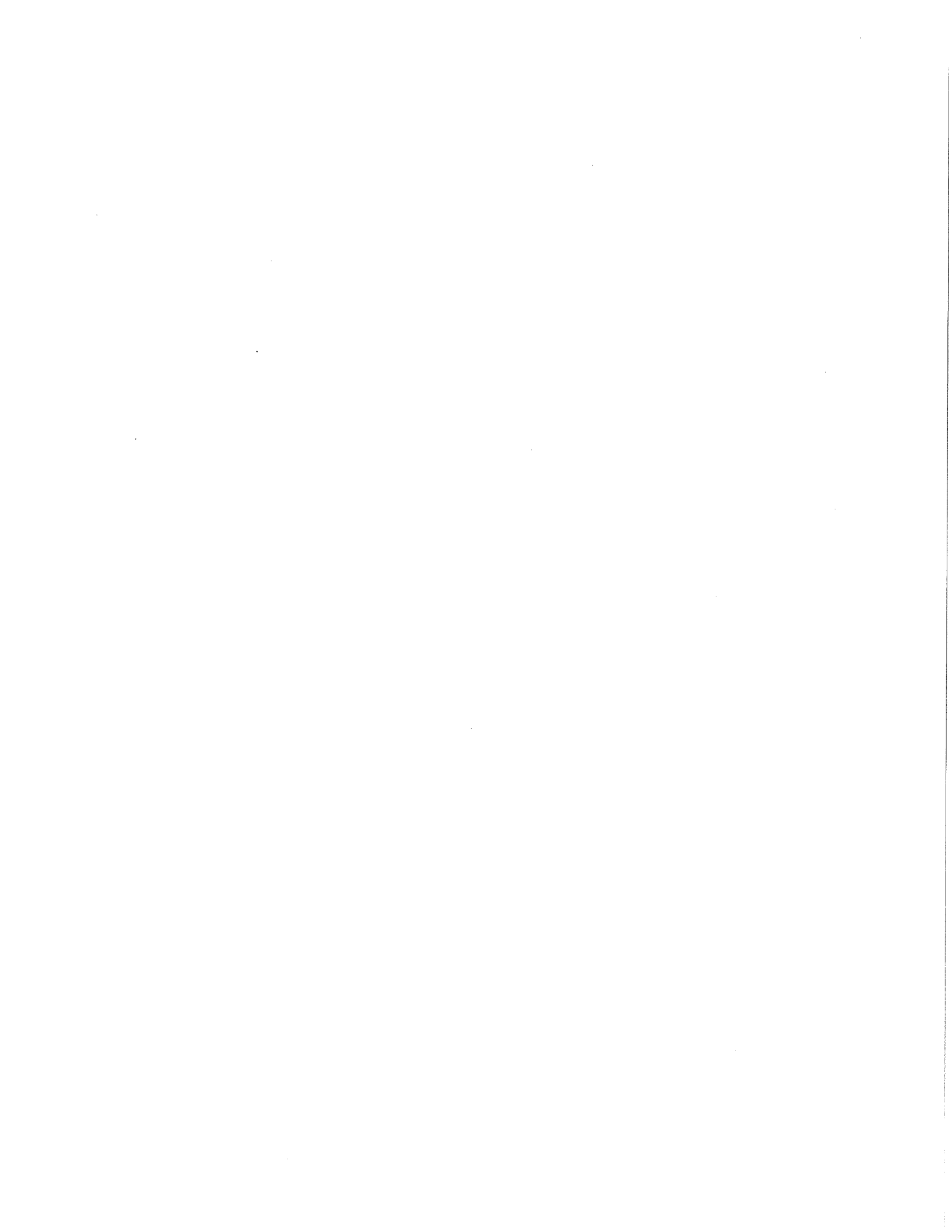
Year of Birth: 1957
Status: Active
License Number: 2530156
NPN**: 12305256
Effective Date: 11-18-2008
Expiration Date: 03-31-2015
License Type: Resident Intermediary Indv
CE Compliance: 03-31-2015

Lines of Authority

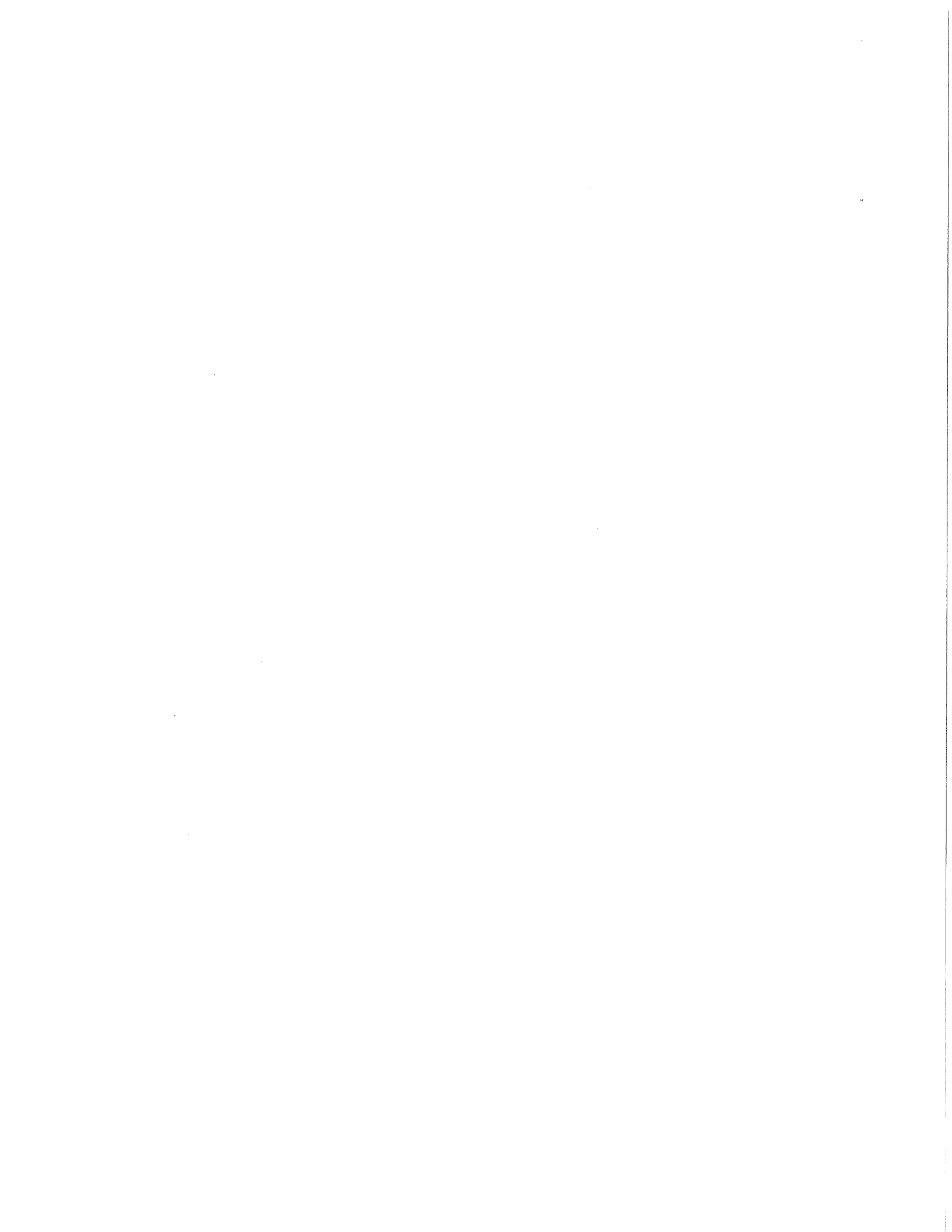
Line of Authority	Residency	Effective Date	Status
Property	Resident	11-25-2008	Active
Casualty	Resident	11-18-2008	Active

Appointments and Terminations

Company Name	Qualification Type/Status	Effective Date	Termination Date	Termination Reason
American Casualty	CAS/Active	05-21-2013		
Company of Reading, Pennsylvania	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 Insurance Company, The	CAS/Active	01-18-2010			
	PROP/Active	01-18-2010			



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



\$1,024,780.15
ORIGINAL

BID OF SPEEDWAY SAND & GRAVEL, INC.

2013

PROPOSAL, CONTRACT, BOND AND SPECIFICATIONS

FOR

N. HENRY STREET AND IOTA COURT RECONSTRUCTION

CONTRACT NO. 6998

IN

MADISON, DANE COUNTY, WISCONSIN

AWARDED BY THE COMMON COUNCIL
MADISON, WISCONSIN ON MAY 21, 2013

CITY ENGINEERING DIVISION
1600 EMIL STREET
MADISON, WISCONSIN 53713

www.cityofmadison.com/business/pw

<https://bidexpress.com/login>

FILE COPY

N. HENRY STREET AND IOTA COURT RECONSTRUCTION
CONTRACT NO. 6998

INDEX

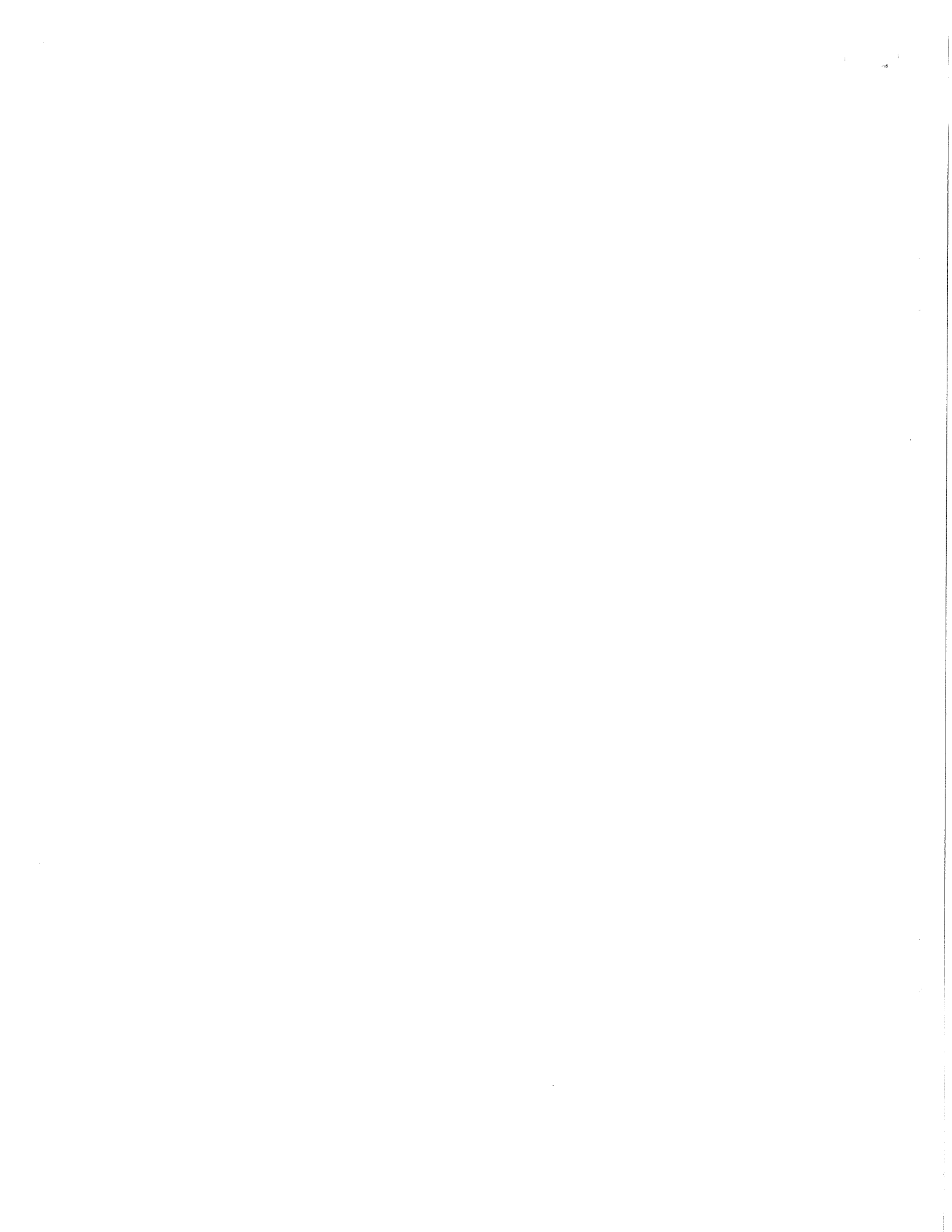
SECTION A: ADVERTISEMENT FOR BIDS AND INSTRUCTIONS TO BIDDERS.....A-1
SECTION B: PROPOSAL SECTION.....B-1
SECTION C: SMALL BUSINESS ENTERPRISE C-1
SECTION D: SPECIAL PROVISIONS D-1
SECTION E: BIDDER'S ACKNOWLEDGEMENTE-1
SECTION F: DISCLOSURE OF OWNERSHIP & BEST VALUE CONTRACTING.....F-1
SECTION G: BID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

This Proposal, and Agreement have
been prepared by:

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



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



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:	N. HENRY STREET AND IOTA COURT RECONSTRUCTION
CONTRACT NO.:	6998
SBE GOAL	7%
BID BOND	5%
PRE BID MEETING (1:00 P.M.)	April 26, 2013
PREQUALIFICATION APPLICATION DUE (1:00 P.M.)	April 26, 2013
BID SUBMISSION (1:00 P.M.)	May 3, 2013
BID OPEN (1:30 P.M.)	May 3, 2013
PUBLISHED IN WSJ	4/19/13 & 4/26/13

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 Storank 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

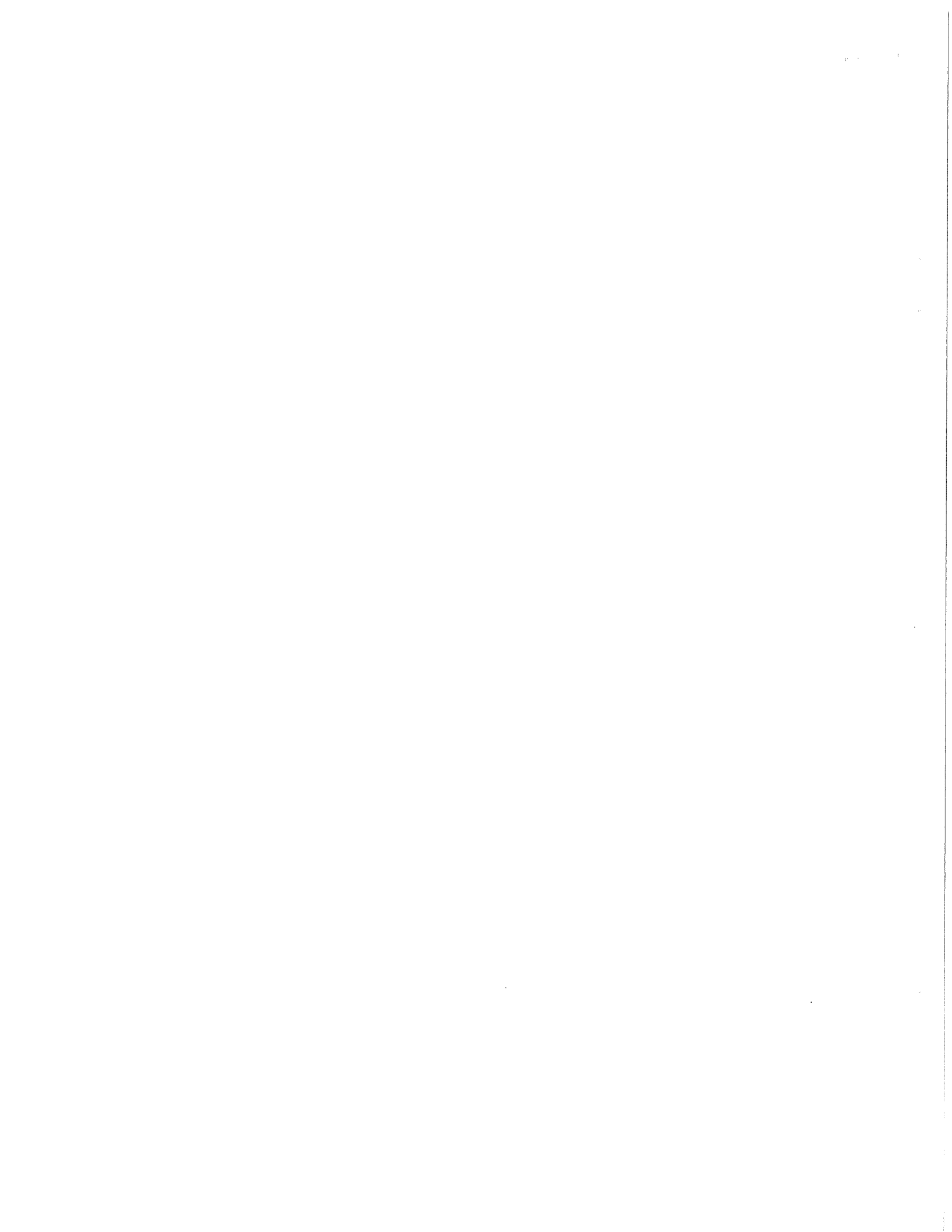
Building Construction

- 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
(If bidding electronically)

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/aaTBDir.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/aaTBDir.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.

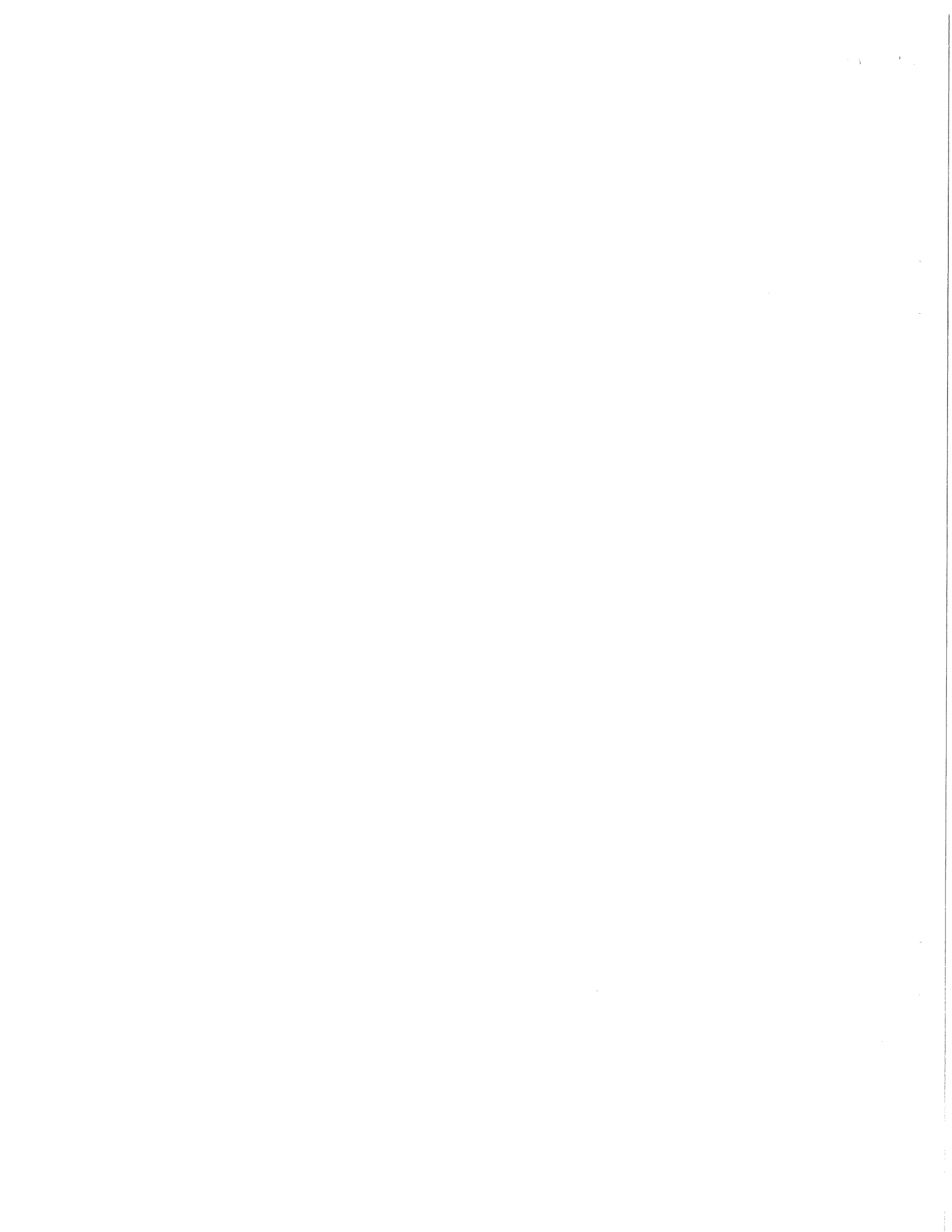
2.7 SBE Definition and Eligibility Guidelines

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.



N. HENRY STREET AND IOTA COURT RECONSTRUCTION
CONTRACT NO. 6998

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

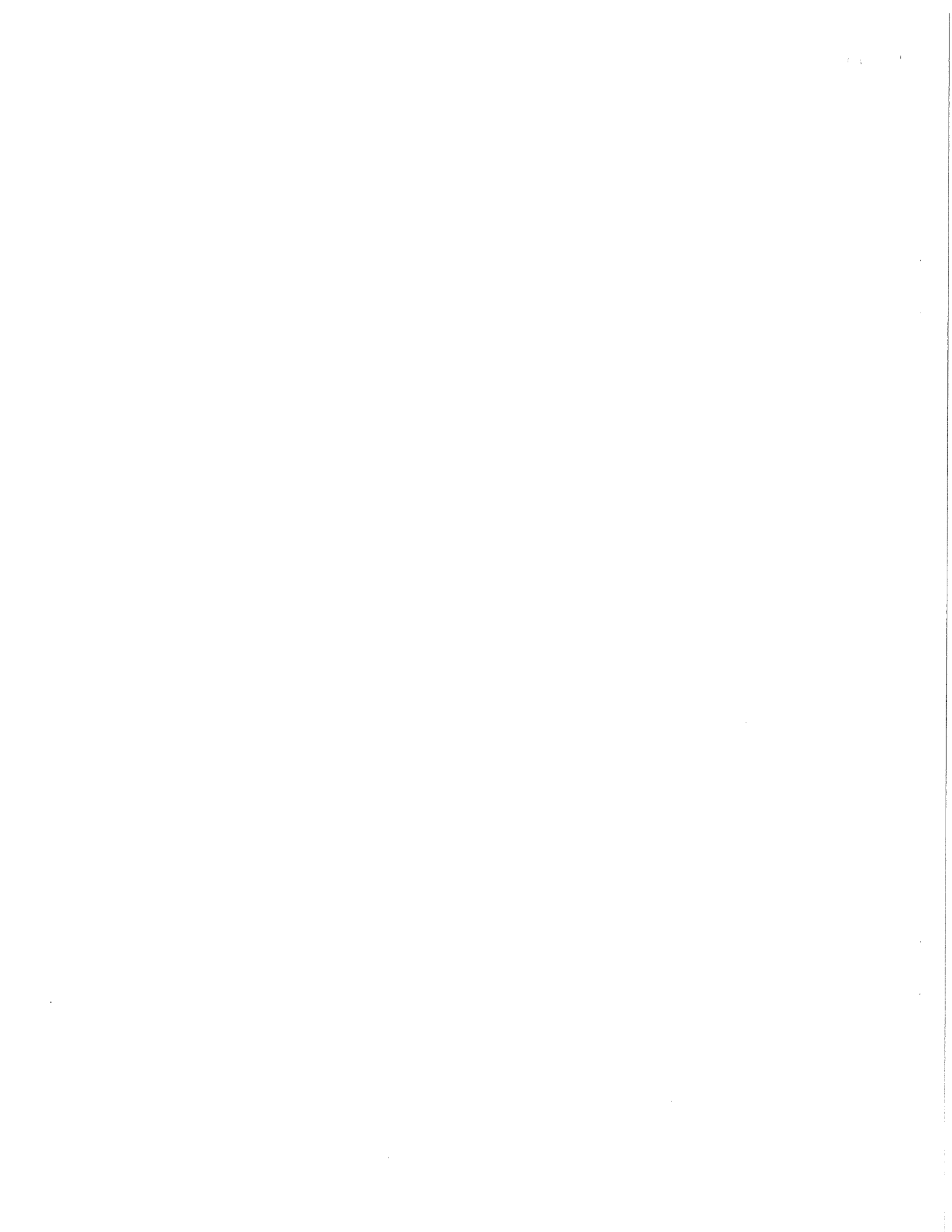
_____ certify that the information
Company

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

Witness' Signature

Bidder's Signature

Date



**N. HENRY STREET AND IOTA COURT RECONSTRUCTION
CONTRACT NO. 6998**

Small Business Enterprise Compliance Report

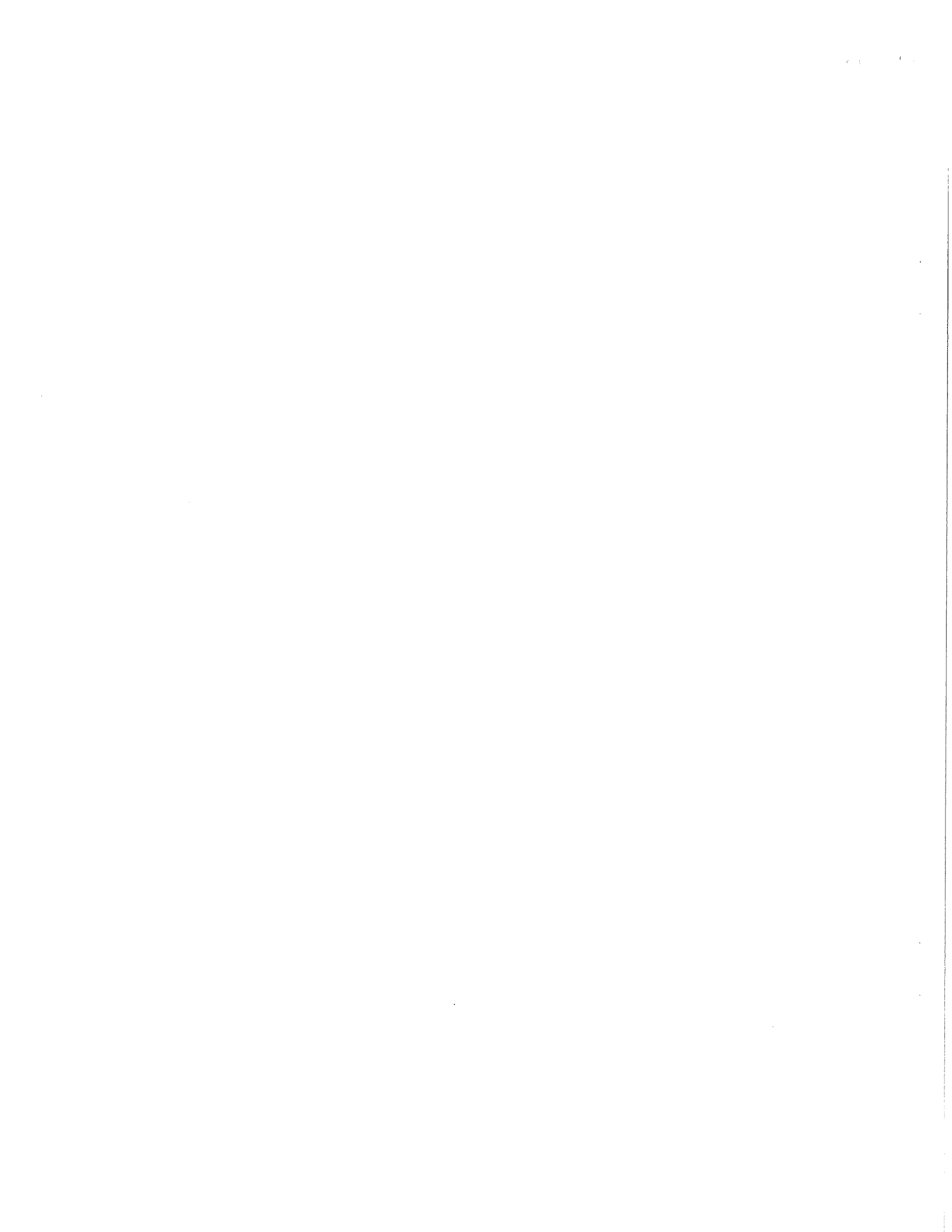
Summary Sheet

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:	_____ %.	



**N. HENRY STREET AND IOTA COURT RECONSTRUCTION
CONTRACT NO. 6998**

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

N. HENRY STREET AND IOTA COURT RECONSTRUCTION CONTRACT NO. 6998

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 MAY 22, 2013. No exceptions or extension to the above date will be permitted.

ARTICLE 104 SCOPE OF WORK

The work under this contract shall include, but is not limited to, installation of water main, sanitary sewer, storm sewer, curb and gutter, base preparation, asphalt pavement, driveway aprons, sidewalk, street lighting, and pavement markings.

The project limits for the work are on North Henry Street from W. Gilman St. to the north end (Lake Mendota), on Iota Court from N. Henry St. to the east end, and also includes work on Lakelawn Pl and Langdon St in the intersection with N. Henry St. The project is approximately 1,205 ft. in length.

Work under this contract includes work to be performed in both 2013 and also some work to be completed in 2014 due to redevelopment work that will take place between August 2013 and August 2014 on the properties located at 619 & 625 N Henry St, 145 Iota Ct and 148 Langdon St. Work to be completed in 2013 includes all underground utility work within the project limits and the street finishing work including curb and gutter, pavement and sidewalk on N. Henry Street, Lakelawn and Langdon St. The final surface and curb on N. Henry St. around the properties to be redeveloped and all of the street work, including the street excavation on Iota Ct. is to be completed in 2014 after the redevelopment work is nearly complete.

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

The City of Madison is aware of other projects taking place in the vicinity of this project. There is ongoing work taking place on the Edgewater Hotel, which is located a couple of blocks to the east on Langdon St. Also, there will be demolition work starting in August, 2013 on the properties located at 619 & 625 N Henry St, 145 Iota Ct and 148 Langdon St.

Utility work and conflicts are expected with this project. The Contractor shall coordinate their work to allow access to utility companies to install new facilities and resolve any conflicts that may arise.

MG&E Gas will be installing 1 anode on N. Henry St. just north of W. Gilman St. This work will take place during the project, so the Contractor shall coordinate with MG&E to allow space and time for them to perform this work. Contact Larry Capps, 608-252-7224.

MG&E has a large transformer vault located at the new end of Iota Ct. This vault will remain in its current location. The Contractor shall take care when doing work around this vault to not damage the vault. Only the existing asphalt pavement over the existing vault is to be removed. The existing granular base between the pavement and the vault roof is to remain. On top of the vault roof, there is a waterproofing membrane. If the membrane is damaged during construction, the Contractor shall repair the member and no additional cost to the City.

There are several rental properties within the limits of this project, so there will be a significant amount of people moving in the middle of August, namely August 13 to August 16. The Contractor shall not work on August 14 and 15 as these are the main moving days. Prior to leaving the site for the moving days, the Contractor shall restore the site to a condition that will be safe and suitable for movers. After these days, there may be significant amount of refuse in the terrace areas that will be picked up by City Streets Division. The Contractor shall work with City Streets to allow for reasonable access and timeframes to remove the refuse from the area.

There are numerous existing walls, fences and other structures that are near or are abutting the project area. The Contractor shall use care around all existing trees, plantings, fences, walls, steps and driveways that are indicated on the plans to remain. Damage to these items during construction shall be repaired or replaced at the Contractor's expense. 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; the abutting property owners shall be notified in accordance with the City's Administrative Procedure Memorandum No. 6-2.

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.

N Henry St, Iota Ct and Lakelawn Pl may be closed to through traffic within the project limits for the duration of the project. Local and emergency vehicle access to all properties shall be maintained at all times.

Langdon St shall remain open to two-way traffic at all times during construction, except for during sanitary sewer construction as stated in the next paragraph. When necessary for utility construction at the Langdon St-N Henry St intersection, Langdon St may be reduced to one lane of traffic, provided that properly equipped and trained flag persons are present to direct traffic and proper signage is in place in accordance with MUTCD. The contractor shall stage construction in such a way that two lanes of traffic (11' minimum lane width, one lane each direction) can be maintained on Langdon St as much as possible.

The contractor may close the intersection of Langdon St and N Henry St, for a period of not more than 7 consecutive calendar days, to construct the sanitary sewer. When Langdon St-N Henry St intersection is closed, W Gilman St-N Henry St intersection shall remain open to W Gilman St traffic.

W Gilman St shall remain open to two-way traffic at all times during construction. When necessary for construction at the W Gilman St-N Henry St intersection, W Gilman St may be reduced to one lane of traffic, provided that properly equipped and trained flag persons are present to direct traffic and proper signage is in place in accordance with MUTCD.

Cross traffic shall be maintained on the cross streets as much as possible.

All of streets shall be vacated for move out/in traffic on August 14th and 15th.

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, 1 working day prior to placement of the plates.

Pedestrian access to all property shall be maintained at all times. The Contractor shall provide ADA/Handicap Accessible pedestrian access at all intersections within the construction area at all times. Sidewalks shall be maintained on at least one side of the street at all times unless otherwise required.

Access to all commercial driveways and parking lots within the project limits shall be provided at all times, including the driveway at the east end of Iota Ct to the parking lot at 140 Iota Ct.

The Contractor may remove parking within the project limits as indicated on the Traffic Control Plan. The Contractor shall be responsible for posting and maintaining NO PARKING signs in accordance with City of Madison Police Department's "Guidelines for Temporary No Parking Restrictions for Construction or Special Events".

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

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

SECTION 107.8 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 concrete work, final surface course of pavement, landscaping, topsoil, seed or sod, the City Construction Engineer shall certify that it is complete and shall contact the City of Madison Traffic Operations Section, 266-4767. The City of Madison Traffic Engineer shall have seven (7) working days to complete the signing and marking so that the street is ready to open to traffic. The Contractor shall leave all barricades in place until such time that the permanent pavement marking and signing has been installed by the City. The City shall notify the Contractor when the final pavement marking and signing is complete and the Contractor shall remove all temporary construction signs and barricades within 24 hours of the notification.

SECTION 108.2 PERMITS

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

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

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

SECTION 109.2 PROSECUTION OF WORK

The Contractor shall begin work on or before **JUNE 3, 2013**. The date of completion for all work that is to be completed in 2013 under this contract shall be **SEPTEMBER 6, 2013**.

The 2013 work includes installation of all of the underground utilities and all of the curb and gutter, base, pavement and sidewalk that is not immediately adjacent to the properties that are to be redeveloped (619 & 625 N Henry St, 145 Iota Ct, and 148 Langdon St). The binder layer of pavement shall be installed on

N Henry St. from 619 N Henry to the north end, and temporary pavement shall be installed on Iota Ct, but the permanent retaining wall and railing shall be installed in 2013, and the replacement of the deck and stairs off the end of N. Henry St. shall also be completed with the 2013 work.

All 2013 work on N. Henry St. from Langdon St. to the north end and all work on Lakelawn and all permanent and temporary work on Iota Ct. shall be completed by **AUGUST 13, 2013.**

The 2014 work shall begin on **JUNE 23, 2014.** The date of completion for all of the remaining work is **AUGUST 1, 2014.**

The 2014 work includes the remaining surface pavement on N Henry St., constructing the loading area on N Henry St adjacent to 619 & 625 Henry, and the installation of curb and gutter and sidewalk on N. Henry St. along 619 & 625. The 2014 work also includes the unclassified excavation on Iota Ct. for the street construction and the installation of the base, pavement, curb and gutter, and sidewalk on Iota Ct.

Section 109.9 Liquidated Damages shall apply to all interim completion dates.

Work shall begin only after the start work letter is received.

BID ITEM 20230 – HEAVY RIPRAP

DESCRIPTION

Work under this item shall include all work, materials, dewatering, backwater control, permitting, labor and incidentals necessary for installing Heavy Riprap. Stone riprap shall be durable field stone, quarried limestone, dolomite or other sedimentary rock shall not be allowed. It shall be sound, hard, dense, resistant to the action of air and water, and free from seams, cracks, or other structural defects, and contain NO fines.

Removal of existing end wall is incidental to Heavy Riprap placement.

All riprap shall have filter fabric placed under it and shall be paid for under BID ITEM 20233.

Stone pieces for riprap shall be of a size and shape approved by the Engineer, meeting the specifications below:

RIPRAP STONE SIZE PERCENT MATERIAL (GREATEST DIMENSION) (FEET) SMALLER THAN CORRESPONDING SIZE

<u>2.5</u>	<u>100%</u>
<u>1.5</u>	<u>75%</u>
<u>.75</u>	<u>30%</u>
<u>.25</u>	<u>0%</u>

PLACING RIPRAP

Stone shall be laid with close, broken joints and shall be firmly bedded in the slope and against the adjoining stones. The stones shall be laid perpendicular to the slopes with ends in contact. The riprap shall be thoroughly compacted as construction progresses and the finished surface shall present an even, tight surface. The larger stone shall be placed in lower course.

Unless otherwise provided, riprap shall be at least 18 inches thick, measured perpendicular to the slope. The least dimension of an individual stone shall not be less than 1/3 of its greatest.

The riprap shall be placed as shown on the plan, as directed by the Engineer in the field and as called out in these special provisions. At a minimum, a riprap berm (check dam for erosion control) shall be constructed directly in front of the outlet structure prior to any excavation being completed in the basin

proper. This riprap berm shall have riprap filter fabric under it and it shall be reshaped into a riprap pad at the conclusion of the project. It is expected that this riprap berm shall be constructed after construction of the modifications to the outlet structure.

METHOD OF MEASUREMENT

Riprap will be measured by the ton in place at the completion of the work, and the quantity thereof to be paid for shall be the summation of tons of such riprap incorporated in the work in accordance with the contract. Only accepted work will be measured for payment.

BASIS OF PAYMENT

Riprap shall be measured as above and paid for at the contract price, which shall be full payment for providing and placing riprap in accordance with the description.

BID ITEM 20336 – PIPE PLUGS- SANITARY

All work under this item shall comply with Article 203 of the Standard Specifications. Any plugs required to abandon the existing sanitary main where laterals are being extended shall be considered incidental to the BID ITEM 50353 – SANITARY SEWER LATERAL. Where structures are being called for abandonment or removal, concrete plugs on the sewer mains shall be considered incidental to remove or abandonment of the sewer access structure.

BID ITEM 21001 EROSION CONTROL IMPLEMENTATION PLAN

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

BID ITEM 21002 – EROSION CONTROL INSPECTION

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

ARTICLE 301 CONCRETE AND CONCRETE MATERIALS

HIGH EARLY STRENGTH CONCRETE

This special provision describes the use of high early strength concrete in accordance with the requirements of the standard specifications and as hereinafter provided.

High early strength concrete (on curb, driveway & sidewalks) shall be used as necessary to meet the established contract schedule and maintain access to commercial drives within the project limits. All use of high early strength concrete shall be incidental to the specific bid item.

All concrete used on City of Madison Public Works projects shall comply with the following subsections of Article 501, "Concrete" of the latest edition of the Standard Specifications for Highway and Structure Construction of the State of Wisconsin, Department of Transportation, Division of Highways:

501.2 Materials

501.3 Construction

ARTICLE 501 STORM SEWER STRUCTURES

STORM SEWER GENERAL

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

Reconnection of existing pipes at new structures, or new pipes at new structures, shall be considered to be part of the work required to construct the new structure or to construct the new sewer pipe and shall not be rewarded with additional compensation. However, if the structure being removed is larger than the new structure, thus requiring additional pipe, the new pipe shall be paid under the appropriate bid item and the connection of the old pipe to the new pipe shall be accomplished with a concrete collar.

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

Connection of new pipes to existing structures shall be accommodated with a Storm Sewer Tap – Bid Item 50792.

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

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

SANITARY SEWER GENERAL

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

Sanitary sewer pipe work shall include installing approximately 471 feet of new 8" PVC, 325' of new 10" PVC and C900 AWWA DR 18 PVC and 450 of sanitary sewer lateral at locations that are specified on the plan set and in accordance with the Standard Specifications. All necessary fittings for pressure pipe laterals shall be considered incidental to the cost of the lateral.

All new sanitary sewer access structures shall include Neenah R-1550 castings with the new City of Madison casting detail (see S.D.D. 5.7.16) of the City of Madison Standard Specifications for Public Works Construction 2013 ed. All new sewer main connections may be factory cored and shall be included in the structure. All existing main connections shall be field cored to accommodate existing conditions and shall be compensated under BID ITEM 50791 SANITARY SEWER TAP. All sewer main and/or laterals not slated for replacement that are damaged during the installation of a structure shall be replaced by the Contractor and shall be considered incidental to the project. All benches and flowlines shall have a smooth trowel finish.

Contractors shall have a locator device on-site if they intend to start laying lateral pipe at the property line to minimize the amount of extra sidewalk removal. Each sanitary lateral shall have a maximum of 4 sidewalk squares removed and replaced. No additional compensation shall be awarded beyond this amount for the replacement of a sewer lateral. If laterals called for reinstatement on the plans are to be plugged under the direction of the engineer on-site, contractors are required to use a sonde device to confirm that the laterals that are called abandonment are not active.

All but one sanitary sewer lateral on this project were located by television inspection and City records. The one lateral located was 150 Langdon St. by the developer.

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.

BID ITEM 50353 - SANITARY SEWER LATERAL (SDR-26 & C900)

All work associated with this bid item shall comply with Article 503 of the Standard Specifications in the locations called for on the plan set. Because of depth, SDR-26 pipe material is to be installed. Work under this bid item shall also include the installation of pressure sanitary lateral in the location where the proposed sanitary sewer main is pressure sewer main. Sanitary sewer laterals shall be constructed of pressure pipe (AWWA C900 DR18) where the corresponding main is pressure pipe. All necessary fittings for pressure pipe laterals shall be considered incidental to the cost of the lateral.

The ductile iron fittings which are utilized with the AWWA C900 pipe do not properly connect to ASTM D3034 SDR-26. The proposed pressure sanitary lateral shall be installed in conformance to the section 503.3 of City of Madison Standard Specifications for Public Works Construction latest edition.

BID ITEM 50354 – RECONNECT SANITARY LATERAL

The first 5 feet of pipe shall be included with this bid item regardless of pipe type or fittings used. Beyond 5' shall be paid for separately Bid Item 50353 SANITARY SEWER LATERAL (SDR-26 & C900)

The first 5 feet of sewer lateral pipe/ fittings measured from the sewer main shall be considered the reconnect for all sewer lateral reconstructions. Lateral connections connecting to sewer access structures shall be paid for separately as a sanitary tap. 5' of lateral pipe is not considered incidental to the sanitary tap connection.

Ductile Iron Wye Fittings shall be used where the pressure sewer main and laterals are being installed. Pressure Sewer lateral shall be installed where pressure sewer main is called for on the plan set.

BID ITEM 50390 –SEWER ELECTRONIC MARKERS

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

ARTICLE 601 ELECTRICAL, GENERAL REQUIREMENTS

The City of Madison Traffic Engineering Division will remove existing lighting poles as necessary and install new poles and wire. The contractor shall cooperate fully with the City in staging the removal and construction of conduit and structures so that street lights remain in service until new lights are operating.

SECTION 601.10 MATERIALS FURNISHED BY THE CITY OF MADISON

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.

¾" x 24" Anchor Bolts: 48
Type 1 Electrical Handhole: 1

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. The existing water main and structures will be cut off and abandoned through these areas and where indicated on the plans.

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.

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. |

SECTION 702 **MATERIALS**

Furnish all materials, labor and equipment necessary to complete this project, except for the tapping sleeves; tapping valves; and tapping valve boxes. The tapping sleeves, tapping valves, and tapping valve boxes will be furnished by the Madison Water Utility, who will also provide the crews to perform these taps.

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.

All service laterals, curb boxes, and curb stops shall be examined by a Water Utility Inspector in the field to determine the necessity for replacement or other alternatives. Alternatives to the indicated total replacement (WN11) may include a combination of extending/reconnecting (WN2) or disconnecting/reconnecting (WN4) a service lateral, and replacing a curb stop and/or box. These items shall be paid at the contract bid unit prices.

SECTION 703.6 CONNECTING TO EXISTING WATER MAINS

Prior to connecting to the 12-Inch water main at the corner of Langdon and Henry St., isolate and pressure-test the connecting pipe segment and existing valve through the existing hydrant per a pressure and duration designated by the Engineer. An unsatisfactory test result, as determined by the Engineer, may require an additional 8-inch valve installed at this location, per contract unit prices. If an additional valve is not required, the pressure test for new water main on the 500-block of Henry St. shall meet the same testing requirements for hydrostatic pressure as the existing segment.

BID ITEM 90160 – WATER MAIN SUPPORT OR TEMPORARY WATER BYPASS

This item is being bid as an option for replacing the existing sanitary sewer main on Iota Ct., while maintaining water service to the properties that are fed from the water main at the same location. The water main and sanitary sewer are in close proximity to each other, and it is anticipated that replacement of both of these utilities will be challenging.

The options available are to either support the old existing main while installing the sanitary sewer, or bypass the water main. This item is for Water Main Support or Water Main Bypass.

BID ITEM 90001 – REMOBILIZATION FOR 2014 WORK

DESCRIPTION

The Contractor shall remobilize to complete the remaining work in 2014, and this shall be performed in accordance with Section 109.14 of the City of Madison Standard Specifications.

METHOD OF MEASUREMENT

Remobilization for 2014 Work shall be measured as Lump Sum acceptably completed.

BASIS OF PAYMENT

Remobilization for 2014 Work shall be measured as indicated above and shall be paid at the contract unit price when work is successfully completed.

BID ITEM 90002 – TEMPORARY PAVEMENT WITH RAISED EDGE

DESCRIPTION

Temporary Pavement with Raised Edge shall be installed as necessary to restore Iota Ct. to a condition that will be suitable for typical use until the final pavement is installed in 2014. All temporary pavement shall be installed in accordance with Article 402 of the City of Madison Standard Specifications. The temporary paving limits indicated in the plans are approximate; the Contractor shall install temporary pavement as necessary or as indicated by the Engineer.

When necessary, additional base course shall be installed in order to provide a properly graded base suitable for the installation of pavement. Any additional base course installed shall be paid under Bid Item 40102.

On the higher side of the street, the Contractor shall install a raised pavement edge as shown in the plans and details. This raised pavement edge shall be considered incidental to this bid item.

METHOD OF MEASUREMENT

Temporary Pavement with Raised Edge shall be measured by the Square Yard acceptably completed and installed.

BASIS OF PAYMENT

Temporary Pavement with Raised Edge shall be paid for at the contract price, which shall be full compensation for all work, materials, and incidentals necessary to install this bid item as outlined in the description.

BID ITEM 90003 – REMOVE TEMPORARY PAVEMENT

DESCRIPTION

This Bid Item includes all work, equipment and incidentals necessary to remove the Temporary Pavement that is installed with the 2013 work on Iota Ct. Removal of the existing pavement on Iota Ct. is already included in the plan quantity for excavation cut. This Bid Item shall be used to remove only the temporary pavement that was previously installed. All other excavation is included in the plan quantity for bid item 20101. All work under this bid item shall be performed in accordance with Article 203 of the City of Madison Standard Specifications.

METHOD OF MEASUREMENT

Remove Temporary Pavement shall be measured by the Square Yard acceptably completed.

BASIS OF PAYMENT

Remove Temporary Pavement shall be paid for at the contract price, which shall be full compensation for all work, materials, and incidentals necessary to install this bid item as outlined in the description.

BID ITEM 90004 – TEMPORARY ASPHALT CURB

DESCRIPTION

This Bid Item includes all work, materials, equipment and incidentals necessary to install Temporary Asphalt Curb at the locations indicated on the plans and per the details. The size and depth of the Temporary Asphalt Curb will likely vary, but all Temporary Asphalt Curb shall be paid under this bid item.

The Temporary Asphalt Curb shall be constructed such that it is suitable for conveying storm water and to help keep vehicles off of the grass terrace until the permanent curb is installed in 2014. The minimum longitudinal grade on the asphalt curb shall be 0.5%, and the back of curb shall reasonably match existing grade as approved by the Engineer.

If necessary to properly establish the grade of the temporary asphalt curb, the Contractor shall install crushed aggregate base, which will be paid under bid item 40102.

METHOD OF MEASUREMENT

Temporary Asphalt Curb shall be measured by the Linear Foot acceptably completed and installed.

BASIS OF PAYMENT

Temporary Asphalt Curb shall be paid for at the contract price, which shall be full compensation for all work, materials, and incidentals necessary to install this bid item as outlined in the description.

BID ITEM 90005 – REMOVE TEMPORARY ASPHALT CURB

DESCRIPTION

This Bid Item includes all work, equipment, and incidentals necessary to remove the temporary asphalt curb in order to install the final curb and pavement. All work to remove the temporary asphalt curb shall be performed in accordance with Article 203 of the Standard Specifications.

In areas where the lower layer of the asphalt pavement was installed, the Contract shall saw cut at the edge of the temporary asphalt curb in order to remove it. This saw cut shall be considered incidental this bid item.

METHOD OF MEASUREMENT

Remove Temporary Asphalt Curb shall be measured by the Linear Foot acceptably completed and installed.

BASIS OF PAYMENT

Remove Temporary Asphalt Curb shall be paid for at the contract price, which shall be full compensation for all work, materials, and incidentals necessary to install this bid item as outlined in the description.

BID ITEM 90006 – REMOVE BRICK PAVERS

DESCRIPTION

This bid item includes all work, equipment and incidentals necessary to Remove Brick Pavers at the locations indicated on the plans. In terrace areas within the project limits, there are existing brick pavers. The Contractor shall remove the brick pavers in accordance with Article 203 of the City of Madison Standard Specifications. The Contractor shall also remove any base material for the pavers, and removal of the base material shall be considered incidental to this bid item.

METHOD OF MEASUREMENT

Remove Brick Pavers shall be measured by the Square Foot acceptably completed.

BASIS OF PAYMENT

Remove Brick Pavers shall be paid for at the contract price, which shall be full compensation for all work, equipment, and incidentals necessary to complete this bid item as outlined in the description.

BID ITEM 90007 – 7.5 INCH CONCRETE SIDEWALK

DESCRIPTION

7.5 Inch Concrete Sidewalk shall be installed at the locations indicated on the plans and all work shall be completed in accordance with Article 303 of the City of Madison Standard Specifications.

METHOD OF MEASUREMENT

7.5 Inch Concrete Sidewalk shall be measured by the Square Foot acceptably completed and installed.

BASIS OF PAYMENT

7.5 Inch Concrete Sidewalk shall be paid for at the contract price, which shall be full compensation for all work, materials, equipment, and incidentals necessary to complete this bid item as outlined in the description.

BID ITEM 90008 – CONCRETE RETAINING WALL, CAST IN PLACE

DESCRIPTION

This bid item includes all work, materials, equipment and incidentals necessary to construct the Concrete Retaining Wall, Cast in Place at the locations indicated on the plan and per the detail drawings. The Contractor shall excavate for the retaining wall and install 6" of compacted crushed aggregate base under the footing. All of the excavation, backfill, base, form work, footing construction, and reinforcement shall be considered incidental to this bid item. The work under this bid item shall also be performed in accordance with Article 304 of the City of Madison Standard Specifications.

All work to construct the Concrete Retaining Wall shall be completed with the 2013 work.

MATERIALS

The compressive strength of the concrete shall be 3500 psi, and the yield strength of the reinforcement bars shall be 60,000 psi. All steel reinforcing bars shall be epoxy coated.

METHOD OF MEASUREMENT

Concrete Retaining Wall, Cast in Place shall be measured by the Square Foot of the front face of the wall, not including the footing.

BASIS OF PAYMENT

Concrete Retaining Wall, Cast in Place shall be paid for at the contract price, which shall be full compensation for all work, materials, equipment, and incidentals necessary to complete this bid item as outlined in the description.

BID ITEM 90009 – RAILING

DESCRIPTION

This work shall consist of installing a steel railing along the top of the concrete barrier at the locations indicated in the plans and in accordance with section 513 of the Standard Specifications. The railing shall consist of 2" diameter steel pipe posts and railings, and shall be installed as detailed in the plans. The member connections shall be welded as set forth in the plans, and the posts shall be welded to a base plate, which is connected to the barrier curb with bolts.

When drilling for the installation of the bolted connection to the concrete barrier, the Contractor shall take all necessary precautions to not crack the concrete barrier. If during the installation of the railing the concrete barrier is cracked, the Contractor shall replace the damaged portion of the concrete barrier as indicated by the City Construction Engineer and at no additional cost to the City.

If during the installation of the railing, the paint is chipped, the Contractor shall re-paint the area at no additional cost to the City.

The railing installation shall take place with the 2013 work.

METHOD OF MEASUREMENT

Railing shall be measured in length as linear feet of full-height steel railing installed and accepted by the Construction Engineer.

BASIS OF PAYMENT

Railing 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 as set forth in the description and plans.

BID ITEM 90030 – PROVIDE PRIVATE STORM LATERAL

DESCRIPTION

Work under this item shall include all work, materials, labor and incidentals necessary to connect future private storm sewers to the new storm sewer main. Specifically, this item includes (at a minimum) the following: up to Fifty (50) feet of six (6) inch, ten (10) inch, or twelve (12) inch schedule 30 PVC pipe or RCP pipe (concrete pipe must be used under the roadway), compression couplings, or concrete collar, and up to four (4) precast bends to install a private storm sewer main to the property line. The Contractor shall install the new pipe to the property line at a depth or elevation shown on the plans or as directed by the field engineer.

METHOD OF MEASUREMENT

Provide Private Storm Sewer Lateral shall be measured as complete when each completed unit is installed in the field.

BASIS OF PAYMENT

Provide Private Storm Sewer Lateral shall be measured as described above which shall be full compensation for all work, materials and incidentals to complete the work as described above.

BID ITEM 90031 – PRIVATE STORM RECONNECT

DESCRIPTION

Work under this item shall include all work, materials, labor and incidentals necessary to connect existing private storm sewers to the new storm sewer main. Specifically, this item includes (at a minimum) the following: up to Fifty (50) feet of six (6) inch, ten (10) inch, or twelve (12) inch schedule 30 PVC pipe or RCP pipe (concrete pipe must be used under the roadway), compression couplings, or concrete collar to connect to the existing private system, and up to four (4) precast bends. The Contractor shall complete the following as part of this item:

- 1) Find the end of the existing system.
- 2) Remove the pipe to a point where it is covered by at least 6 inches of topsoil.
- 3) Connect to the pipe with a bend directing the pipe underground to a depth where a second or third bend can be installed directing the lateral toward the new storm sewer structure/pipe.
- 4) The lateral shall then be connected to the new storm sewer structure

METHOD OF MEASUREMENT

Private Storm Sewer Lateral Reconnect shall be measured as complete when each completed unit is installed in the field.

BASIS OF PAYMENT

Private Storm Sewer Lateral Reconnect shall be measured as described above which shall be full compensation for all work, materials and incidentals to complete the work as described above.

BID ITEM 90032 – STORM CONTROL

DESCRIPTION

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

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

This item also covers all work, materials, equipment, and incidentals required to control ground and lake water encountered when installing when installing storm sewer. It is highly likely that ground and lake water will be encountered when installing S-0, P-1, and S-1. The Contractor shall be responsible for designing a dewatering plan to fit his/her construction methods and for permitting said plan if that is required. No masonry shall be installed in water nor shall water be allowed to rise over masonry or concrete if there is danger of flotation or of setting up unequal pressures in the concrete until the concrete has set at least 24 hours and any danger of flotation has been removed.

The Contractor shall be aware that any dewatering (including trench dewatering) shall be treated prior to discharge. The pumped water shall be treated to remove suspended solids. At a minimum, this treatment shall include running the pump water through a geotextile sediment bag, prior to discharge to the storm sewer. This geotextile sediment bag shall have a 0.040 mm apparent opening size (AOS). If, at the determination of the Construction Engineer, this treatment process is not providing sufficient sediment removal the Contractor shall add a polymer to the sediment bag. These polymers shall comply with the WDOT standards for Polyacrylamide Soil Stabilizers and shall conform to the WDOT's Product Acceptability List (PAL) for Soil Stabilizers, Type B.

Polymer would be added to the sediment bag in amounts as recommended by the manufacturer based on the pump rates being experienced on the site.

If necessary the Contractor shall obtain, from the Wisconsin Department of Natural Resources (WDNR), in accordance with Paragraph 144.025(2)(e), Wisconsin Statutes, permits for all groundwater control wells which singly or in aggregate produce 70 or more gallons per minute. All wells shall be drilled and sealed in accordance with requirements of the WDNR for installing and abandoning wells. The address for obtaining well permits is:

Wisconsin Department of Natural Resources
Private Water Supply Section
BOX 7921
Madison, Wisconsin 53707

The Contractor shall be solely responsible for choosing a method of groundwater control, which is compatible with the constraints defined. The Contractor shall be responsible for the adequacy of the groundwater control system and shall take all necessary measures to insure that the groundwater control operation will not endanger or damage any existing adjacent utilities or structures.

The method or methods shall be designed, installed and operated in such a manner to provide satisfactory working conditions and to maintain the progress of work. The methods and systems shall be designed so as to avoid settlement or damage to adjacent property in accordance with the applicable legislative statutes and judicial decisions of the State of Wisconsin. All required pumping, drainage and disposal of groundwater shall be done without damage to adjacent property or structures, or to the operations of other contractors and without interference with the access rights of public or private parties.

Work under this item includes control of backwater from the lake through the proposed 24 inch pipe. The new 24 inch pipe constructed at the lake is anticipated to be at or below lake level and water may backup the pipe to the new structure.

The Contractor shall be responsible for control of the expected lake backwater while accommodating runoff through the site during construction. If the Contractor wishes to pursue tight sheeting (in the lake) at the discharge of the pipe to the lake, the Contractor shall be responsible for obtaining all necessary permits for that work and compliance with all conditions of those permits. All work, materials, labor and incidentals necessary to obtain and comply with any necessary permits associated with control of the lake backwater are included in this item

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

METHOD OF MEASUREMENT

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

BASIS OF PAYMENT

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

BID ITEM 90033 – ABANDON SEWER ACCESS STRUCTURE- CISTERN

DESCRIPTION

Work under this item shall include all work, materials, labor and incidentals necessary to abandon ex cistern RS-2. Structure shall be thoroughly cleaned and the existing pipe connections shall be plugged. Any pipe plugs required to abandon the sewer access structure shall be paid for separately under the bid item pipe plug. The roof of the structure shall be removed. The walls of the structures shall be removed to a depth of two feet or more below the finished grade. The existing ground in this area is sloped and all remaining parts of structure must be below grade. The void area left from the structure that was abandoned shall be backfilled as specified in 203.2(e). Any disturbance to landscaping or parking lot caused by structure abandonment shall be repaired and paid for under this item.

The dimensions of this structure are approx 20' in diameter and 16' deep. It is likely that part of this structure may need to be removed in order to install sanitary sewer and water main. Any removal for utility installation shall be covered under this item.

METHOD OF MEASUREMENT

Abandon Sewer Access Cistern- Special shall be measured as complete when each completed unit is removed in the field.

BASIS OF PAYMENT

Abandon Sewer Access Structure- Cistern shall be measured as described above which shall be full compensation for all work, materials and incidentals to complete the work as described above.

BID ITEM 90034 – 60" DIA PRECAST CATCHBASIN WITH SNOUT

DESCRIPTION

Work under this item shall include furnishing and installing a 60" DIA precast catchbasin, including the castings noted on the storm schedule. Height of the structures and depths of the sumps shall be as noted on the Storm Sewer Schedule.

Manufacture and installation of precast catchbasins shall conform to the requirements for precast structures contained in Article 507 of the Standard Specifications, and shown on S.D.D. 5.7.5 and 5.7.6. A field-poured bench at the base of the structure is not required. Contractor shall submit Shop drawings for approval by the City, as required by Section 507.3(b) of the Standard Specifications.

"The Snout" Oil-Water-Debris Separator (Manufactured by Best Management Products, Inc. www.bmpinc.com) shall be installed inside the catch basin over the outgoing pipe. Model numbers for the type of Snout to be installed on each catch basin are noted on the Storm Sewer Schedule and shown on the Drawings. Installation of these devices shall be per the manufacturer's recommendations. Manufacturer's recommendations and details of these devices are included with these Special Provisions.

This item includes the model 24R snout device.

METHOD OF MEASUREMENT

60" Precast Catchbasin with Snout shall be measured as a complete unit installed in the field.

BASIS OF PAYMENT

60" Precast Catchbasin with Snout shall be measured as described above and shall be paid at the contract price which shall be full compensation for all work set forth in the description above and all work described in Section 507.4(b) of the Standard Specifications.

BID ITEM 90035 – CONCRETE THRUST BLOCK

DESCRIPTION

Work under this item shall include all work, materials, labor and incidentals necessary to construct concrete thrust blocks along storm sewer pipe P-1. Thrust blocks shall measure 4 feet wide, 4 feet deep, and 1' thick. The storm sewer pipe shall be centered in the thrust block. The existing ground in this area is sloped and all remaining parts of the block must be below grade.

METHOD OF MEASUREMENT

Concrete Thrust Block shall be measured as complete when each completed unit is installed in the field.

BASIS OF PAYMENT

Concrete Thrust Block shall be measured as described above which shall be full compensation for all work, materials and incidentals to complete the work as described above.

BID ITEM 90070 – BORE AND JACK 10" C900 SANITARY SEWER PIPE

DESCRIPTION

Work under this item shall include the installation and material cost to BORE AND JACK 10" C900 SANITARY SEWER PIPE with casings. Work under this item shall include all work, materials, equipment, and incidentals required to install sanitary pipe on the plan set under a MG&E concrete electric vault.

The sewer shall be installed by boring and jacking at the location and elevations shown on the plan set. Included with this bid item is a suitable sized "casing pipe". The casing pipe must be sized in order for the inner sewer pipe to properly fit within the casing pipe. The inner pipe material may require differing casing pipe sizes, which shall be at the discretion of the Contractor. All costs for furnishing and installing the steel casing pipe, casing spacers, access and receiving pits, and all work necessary to jack and bore sections shall be included.

Included in this item is the excavation and backfilling of the receiving pits. Disposal of the excess material shall be by the Contractor off site at a location to be determined by the Contractor. Backfilled material shall meet City of Madison Standard Specifications for road construction. Necessary work and materials to adequately secure the pits with full cover or security fencing shall be incidental to this bid item. Any dewatering necessary for the construction and maintenance of the pits (Dewatering - Type I) shall be considered incidental to this bid item. Also incidental to this bid item shall be the removal and replacement of items required to install the new sewer and casing: culverts, private storm sewer pipe, and storm sewer access structures.

The Contractor is informed that the casing pipe specified shall be the minimum of 15" diameter. The Contractor is responsible to complete installation of a casing pipe under this item and should he/she deem it necessary to utilize a larger diameter casing pipe that shall be the Contractor's option and is included in this item.

Only 50' of bore and jack shall be paid. If the contractor chooses to install additional sanitary sewer by bore and jack method it shall be at their own expense and shall not be compensated.

MATERIALS

Bore and Jack shall include all materials necessary to install the 10" C900 sanitary sewer pipe in accord with the requirements above. A casing pipe included with this item shall be in accord with the following:

- ASTM specification A139 Grade B or AWWA specification C200
- Outside diameter as specified by the Contractor
- Not coated or cathodically protected, no hydrostatic testing required
- 0.3125" (5/16") minimum thickness
- Specified minimum yield strength, SMYS, of at least 35,000 psi
- New and unused pipe
- Straight and round pipe
- Beveled ends for butt welding

The Contractor shall submit the following to the Engineer for approval prior to ordering of materials and the start of construction:

- Certificate of compliance for the steel casing pipe
- Materials for sand or pea gravel
- Materials for casing spacers and distances between spacers
- Materials and methods for bulkheading the casing ends

CONSTRUCTION METHODS

Prior to installing pipe in the casing, a set of **four** wood blocks shall be strapped to **both** ends of the pipe **five feet (5')** from **each end**. The blocks shall be set so that the pipe does not touch the casing. Pipe joints shall be made outside of the casing. Sand or Pea gravel shall be washed or blown into the casing to the spring line of the pipe to provide bedding under the pipe.

Pipe Spacers:

Non-Centered stainless Steel spacers (PSI S8GN-2 http://www.pipeline-seal.com/pdf_lit/csem&bg.pdf or approved equivalent) shall be installed in the casing pipe at varying to the new sewer main to set the sewer main to the desired slope. Spacers shall be installed in accordance with the manufacturer's specifications with maximum spacing of 8'.

The untrenched construction shall be performed by dry auger boring and jacking. Water jacking for excavation of the soil is not allowed. The use of water to facilitate removal of spoil is permitted. The untrenched construction shall extend beneath the Wisconsin and Southern Railroad and to the limits shown on the plan set.

For the casing installation, the bore hole diameter shall be essentially the same as the outside diameter of the pipe. In soft, unstable soil, the auger shall be inside the casing, but no undersized, so as not to create a void between the casing and the soil. If voids should develop or if the bore hole diameter is greater than the outside diameter of the pipe by more than approximately 1 inch, the voids shall be pressure grouted.

Connection of adjacent lengths of steel pipe shall be done by continuous, circumferential, field butt welding in accordance with AWWA C206. The connection shall result in a straight and true casing with a watertight seal.

The conduit pipe shall be installed on line and grade through the casing pipe. Install approved casing spacers at the approved distances. Fill the annular space between the casing and carrier pipe with the approved material (sand or pea gravel).

Take care to ensure that developed thrust pressures do not disturb existing utilities in or around the bore pit area.

Upon completion of the work, the contractor shall restore the property to its pre-construction condition. Madison Gas and Electric shall have the rights to request additional restoration if it is determined that the restoration efforts are unsatisfactory.

The contractor shall notify the MG&E within 10 calendar days of completion of the work and allow them to inspect the work area limits.

METHOD OF MEASUREMENT

Bore and Jack shall be measured as a lump sum for successful completion of the 10" sanitary sewer pipe and larger casing pipe as described above. Only 50' of bore and jack shall be paid. If the contractor chooses to install additional sanitary sewer by bore and jack method it shall be at their own expense and shall not be compensated.

BASIS OF PAYMENT

Bore and Jack 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 as set forth in the description, materials, and method of construction. Only 50' of bore and jack shall be paid. If the contractor chooses to install additional sanitary sewer by bore and jack method it shall be at their own expense and shall not be compensated.

BID ITEM 90071 - CRACK AND DAMAGE SURVEY

DESCRIPTION

This special provision describes conducting a crack and damage surveys at 150 Iota Ct, 140 Iota Ct, and 146 Langdon St.

The survey shall consist of two parts. The first part, performed prior to construction activities, shall include a visual inspection, photographs, and a written report describing the existing defects in the building(s) being inspected. The second part, performed after the construction activities, shall also include a visual inspection, photographs, and written report describing any change in the building's condition.

CONSTRUCTION METHODS

Prior to any construction activities, the Contractor shall provide notice to residents of work to be completed and thoroughly inspect the building structures for existing defects, including interior and exterior walls. Submit a written report of the inspector's name, date of inspection, descriptions and

locations of defects, and photographs. The intent of the written report and photographs is to procure a record of the general physical condition of the building's interior and exterior walls and foundation. The report shall be submitted as a pdf document on CD.

The photographs shall be taken producing sharp, grain free, high-contrast colored pictures with good shadow details. The photographs shall be digital photographs with photograph time and date stamp details on each picture. Photographs shall be submitted with reports.

Prior to the start of any construction activities pertinent to this survey, submit a copy of the written report and photographs to the engineer.

After the construction activities are complete, conduct another survey in the same manner, take photographs, and submit another written report to the engineer.

In lieu of photographs, a video may be used provided it produces the clarity required to perform this work. Videos shall be provided on the CD with the reports.

MEASUREMENT

Crack and Damage Survey will be measured by the unit, each, for accepted reports.

BASIS OF PAYMENT

Payment is full compensation for providing the before and after written reports, photographs or videotapes; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the contract work.

BID ITEM 90072 – SITE RESTORATION- N HENRY ST END TO LAKE

DESCRIPTION

Work under this item shall include all work, materials, labor and incidentals necessary to restore the area of the right of way to its original condition after construction. This includes but is not limited to the wooden stairs and decking, concrete pilings, and heavy rip rap.

The wooden decking and stairs shall be restored to its original condition or better and be structurally sound. The stairs and decking shall be the same dimensions as existing and contain an equal or greater number of pilings, supports, rafters, and braces. The contractor may chose to disassemble the existing decking and stairs and reassemble them with the same material after construction. The decking and stairs must be structurally sound after restoration and any additional work, labor, time or materials needed shall be covered under this item.

The Contractor shall be responsible for the damage or destruction of property of any character resulting from neglect, misconduct, or omission in the manner or method of execution or non-execution of the work, or caused by defective work or the use of unsatisfactory materials, and shall restore such property to a condition similar or equal to that existing before such damage or injury was done, by repairing, rebuilding, or replacing it as may be directed, or the Contractor shall otherwise make good such damage or destruction in an acceptable manner.

The Contractor shall not grade, excavate, store material or equipment, or otherwise disturb the area in the vicinity of any tree located in the terrace without prior permission from the Engineer or City Forester. All work done in the vicinity of any tree located in the area shall be completed in accordance with section 107.13 Tree Protection Specification.

No ropes, cables, or guys shall be fastened to or attached to any tree for anchorage.

All disturbed rip rap shall be reinstalled in accordance with article 212 of the City of Madison Standard Specifications for Public Works Construction 2013.

METHOD OF MEASUREMENT

SITE RESTORATION- N HENRY ST END TO LAKE shall be measured as a lump sum for successful completion of restoration as described above.

BASIS OF PAYMENT

SITE RESTORATION- N HENRY ST END TO LAKE 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 as set forth in the description, materials, and method of construction.

BID ITEM 90073 – TEMPORARY SHORING

DESCRIPTION

This work shall consist of providing and removing (as needed to bring site back to finish grade and as described below) temporary shoring for underground on site in accordance with the contractor's shoring design. The Langdon St and N Henry st intersection contains a large MG&E electric manhole close to the proposed sanitary sewer pipe to be installed at a depth of approx 17' shown on the drawings. Sanitary SAS#2 is also in close proximity to an MG&E electric manhole. Shoring may also be needed on Iota Ct for sanitary sewer installation.

SHORING DESIGN

The limits of the required temporary shoring are to be determined by the Contractor but shall be sufficient to complete work as shown on the contract drawings. The Contractor shall be responsible for providing a shoring design for each required temporary shoring. The adequacy of each shoring design shall be verified by a professional engineer registered in the State of Wisconsin, experienced in the design of shoring systems, and knowledgeable of the specific site conditions and requirements for this project. One copy of each shoring design (drawings and calculations) shall be signed and sealed by the same professional engineer verifying the design, and shall be submitted to the project engineer for documentation.

CONSTRUCTION METHODS

Construction or installation of temporary shoring at a required location shall be done in accordance with the design developed for the location.

METHOD OF MEASUREMENT

Temporary Shoring will be measured by the Lump Sum for all shoring installed on the project.

BASIS OF PAYMENT

Temporary Shoring, measured as provided above, will be paid for at the contract price, which price shall be full compensation for providing the design of the shoring system; for furnishing and hauling materials to each location; for installing or constructing the shoring; for maintenance as needed; for removal of the shoring when required by the design; for backfilling upon completion of the need for the shoring; and for all labor, tools, equipment and incidentals needed to complete the work in accordance with the contract.

Temporary Shoring not required by the plans and installed for the convenience of the contractor's operations shall be considered incidental to work under the contract and will not be measured and paid for under this item.

BID ITEM 90160 – WATER MAIN SUPPORT OR TEMPORARY WATER BYPASS

This item is being bid as an option for replacing the existing sanitary sewer main on Iota Ct., while maintaining water service to the properties that are fed from the water main at the same location. The water main and sanitary sewer are in close proximity to each other, and it is anticipated that replacement of both of these utilities will be challenging.

The options available are to either support the old existing main while installing the sanitary sewer, or bypass the water main. This item is for Water Main Support or Water Main Bypass.

OPTION 1 – WATER MAIN SUPPORT

DESCRIPTION

In compliance with Article 703 of the Standard Specifications, support the existing water main so that it remains in service at all times and is not damaged in any way. Prior to the start work letter being issued, submit a written plan for water main support to Corey Stelljes of City Engineering at cstelljes@cityofmadison.com, and to Pete Holmgren of the Water Utility at pholmgren@madisonwater.org. Methods of support are subject to approval by the Engineer(s).

MATERIALS

Refer to Standard Specifications.

CONSTRUCTION

Comply with all applicable Standard Specifications, especially as noted in Section 703.3(a).

METHOD OF MEASUREMENT

Water main support is measured as a Lump Sum to include all work performed in accordance with these Special Provisions.

BASIS OF PAYMENT

Water main support shall be paid for at a Lump Sum unit price. Lump Sum payment shall be full compensation for all work as specified.

OPTION 2 – WATER MAIN BYPASS

DESCRIPTION

This option includes the cost of furnishing, installing, maintaining and removing all temporary bypass pipe; pipe fittings; service lines; hardware; water supply connection backflow preventers and reduced pressure zone devices; testing; temporary hydrants; flushing; sampling taps; disinfecting; scheduling and assisting with obtaining health samples; ramping or burial at road crossings, sidewalks and driveways; preparation and distribution of service interruption notices; maintaining bypass system throughout duration of project; restoration; and furnishing all labor, material and equipment necessary to complete work.

Any Madison Water Utility charges associated with the installation, use and removal of the reduced pressure zone (RPZ) valve and water usage will be waived for all work included in this contract. Any use of City of Madison water will still require request and notification procedures indicated in the City of Madison Standard Specifications for Public Works Construction.

The contractor must submit a written plan for water main bypass to Pete Holmgren of the Water Utility at pholmgren@madisonwater.org prior to the start work letter being issued.

MATERIALS

- **Temporary Bypass Service Materials:**

All materials furnished for use as temporary bypass pipe, service hose, connections and related appurtenances that come into contact with drinking water are to be certified for compliance with ANSI/NSF Standard 61 by an ANSI approved third-party certification program or laboratory. All materials shall be fully adequate to withstand the required water pressure and all other conditions of use, and shall provide adequate water tightness before being put into service. All previously used materials may only have been used in potable water applications.

All materials for use as main temporary bypass lines, service lines, connections and related appurtenances shall have a minimum working pressure rating of 200 psi and be made of materials that will not have an adverse effect on the taste or odor of the water.

When the Contract documents or the Engineer requires the temporary water system to include one or more temporary hydrants, the main temporary bypass line must be at least 4-inch diameter; otherwise, the main temporary bypass line must be at least 2-inch in diameter.

Match the diameter of the temporary service line with the existing service lateral diameter for all services 1½-inch diameter to ¾-inch diameter. Use a ¾-inch temporary service line for any service lateral smaller than ¾-inch diameter. Use hoses or piping that is hydraulically equivalent to the service size for all services 2-inch in diameter and larger.

Temporary fire hydrants shall consist of a 4 inch by 4 inch tee or 4 inch 90° bend, with a butterfly valve connected to the end of the tee or bend, and an operating nut to control the valve. Temporary fire hydrant shall be equipped with a 4-1/2 inch diameter National Standard threaded nozzle with hydrant cap installed.

CONSTRUCTION METHODS

- **Temporary Water Service:**

Submit a proposed Temporary Water Service plan depicting the proposed components, configuration/locations, protection measures, proposed disinfection methods, and contact information for the Contractor's representative(s) responsible for routine maintenance and emergency response. The Temporary Water Service Plan must be approved by the Engineer before installing any section of the temporary distribution piping.

The temporary bypass system shall maintain a continuous supply of water to all affected customers for the duration of time the existing main is out-of-service for rehabilitation. The temporary bypass system shall be maintained in a safe and operative condition at all times. For protection of the work and the public, flashers and barricades shall be installed at apt locations and as directed by the Engineer. The flashers and barricades shall be in proper operating condition. Temporary water piping shall be protected from freezing weather at all times.

The work is to be in conformance with the requirements of the Standard Specifications, Provisions and AWWA C602 Cement Mortar Lining of Water Pipelines in Place – 4 In. and Larger, Section 4.6 Temporary Bypass to Customers.

- **Notification Requirements for Service Interruptions:**

Notify the Construction Inspector and the Engineer at least 48-hours in advance of any planned service interruption.

Provide affected customers at least 72-hour notice advance of any planned service interruption. The notice shall include the delivery of a door-hanger or similar pamphlet which indicates the date and time of the planned service interruption and, as applicable, the proposed location of temporary service connection and the proposed route of the temporary service line & main bypass line. The notice shall

attempt to coordinate the service interruption at a time that is convenient to the customer. Include contact information for the Contractor's field representative and the Engineer.

Whenever possible, make connections to the customer's water service line on a day and at a time that is convenient to the customer. Make satisfactory arrangements with the customer so that stop and waste valves shall be accessible at all times. Immediately prior to individual service work, attempt to notify the customer again to verify that all water use has been stopped. Do not interrupt any customer's service until certain that all labor, material and equipment necessary to perform the work are present at the work site. Bear all responsibility for any loss or damage arising out of the failure of any such customer to receive the specified notice of a planned interruption of service.

Restore service as soon as possible. Immediately notify the Madison Water Utility's Project Representative regarding the restoration of service.

Emergency Shutdowns and Notifications:

In the event of a break on a water main, service, bypass pipe, temporary service or other failure of a Madison Water Utility facility, whether the result of Contractor's activities or other unrelated matters, act in accordance with the following procedure:

1. Immediately notify Madison Water Utility's 24-hour Operator at (608) 266-4667 and inform them of the situation, the affected area, estimated duration, and if there is a need for an immediate water main shutdown.
2. The Contractor is NOT to operate any valves unless directly authorized to do so by a Madison Water Utility representative.
3. Notify all residents affected by the emergency service interruption.

- **Temporary Bypass Water System Set-Up:**

Disinfect the hydrant standpipe prior to connecting the bypass pipe to the hydrant by pouring 1 quart of commercially available bleach (solution containing approximately 5% sodium hypochlorite) into the hydrant. The hydrant shall be filled with clean water and let stand for a minimum of 20 minutes. The hydrant shall then be flushed and the bypass pipe connected to it. All hydrant nozzles shall be capped when not in use.

Whenever possible, install a compliant double-valved tee directly on the 4½-inch hydrant nozzle. One branch of tee shall be used for the temporary bypass connection, and other shall be left without bypass attachments for fire department use. Support, as necessary, all appurtenances attached to hydrant.

All temporary water service connections to hydrants shall be made in such a manner that if it becomes necessary, they can be easily removed so that the hydrant can be used for firefighting purposes, with minimum effort.

When a connection cannot be made on a hydrant, a bulkhead connection may be required. Install compatible bulkheads (temporary line caps) on the existing water main in place of a solid cap or plug fitting to keep the section of the existing water main pressurized and capable of supplying a continuous flow of water. The bulkheads shall be fitted with a compatible outlet fitting so the temporary bypass pipe can be fed through the end of the bulkhead. The coupling shall be slid over the end of the water main, and braced or restrained so that it will support normal operating pressure without leaking.

Temporary valves and hydrants shall be installed on the temporary bypass pipe at all appropriate locations, as designated on an approved Temporary Bypass Service Plan. Valve and hydrant spacing should, at a minimum, schematically match the existing water main configuration, and also as required to isolate the temporary piping from the existing system. Spacing between adjacent valves or hydrants shall not exceed 500 feet, unless approved by the Engineer.

Temporary fire hydrants shall be serviceable at all times. Hydrants are subject to inspection at any time by either the Madison Water Utility or the City of Madison Fire Department. If they are found to be unserviceable, immediate correction shall be made.

Completely cover and secure black plastic sheeting around all existing or newly-installed hydrants while they are out-of-service. Maintain the plastic covering until the hydrant is returned to service or removed and salvaged.

Install bypass pipe on the house-side of a sidewalk and in ditches or along City-owned greenways whenever possible to minimize or avoid crossing traffic or pedestrian routes. Where not possible, provide a ramping system to protect the bypass pipe at each location where pipe crosses roads or driveways. ADA compliance shall be provided at sidewalk or sidewalk ramp crossings per Article 107 of the Standard Specifications.

Water from the temporary bypass pipes will NOT be allowed for any other purpose other than to supply the bypass pipes. Water for filling water tanks, or any other purpose other than supplying water to bypass pipes must be obtained from a hydrant with a Madison Water Utility approved backflow preventer installed per Section 107.11 of the Standard Specifications and these Special Provisions.

- **Temporary Customer Service Lines:**

Connect consumer services that are 1½ inch and smaller, to the temporary bypass system using a hose connected to an outside hose bib. Use a double-valved "Y" connector to connect temporary hose to consumer's hose bib. When a hose bib connection is not possible, an alternate manner of connection shall be reviewed and approved by the Engineer.

After completing the temporary bypass disinfection per these Special Provisions, thoroughly flush hoses to be used for temporary services with potable water immediately prior to connection to consumer's service. Notify consumers prior to shutting off the service and transfer services to the bypass. Do not transfer services to bypass earlier than necessary to allow the work to progress without delay.

- **Bypass System Disinfection:**

All bypass pipes shall be properly disinfected and yield a safe-water sample prior to connecting any customers to the temporary bypass system.

As part of the Temporary Water Service plan described in these Special Provisions, include the proposed disinfection, flushing, and applicable customer notification procedures required for the proposed temporary bypass system. These procedures shall be in accordance with AWWA C651 – Disinfecting Water Mains.

Properly dispose of any highly-chlorinated water in accordance to Standard Specification 703.14 (c). Sampling and testing will be done according to the Standard Specifications.

- **Return Service Line to New Water Main:**

After completion of the water main rehabilitation, clear the water service lines by back flushing with potable water or as otherwise approved in the disinfection and flushing plan. Disconnect the hose, restore the water service line back to normal conditions, and restore water flow. All areas used while providing temporary service shall be properly restored to pre-construction status, or better.

After flushing is completed and service lines have been restored to the permanent laterals, remove bypass and all associated materials used for maintenance and ramping. Complete restoration of all areas damaged by temporary bypass pipe and service connections.

- **24-Hour Maintenance:**

The Contractor shall be responsible for maintenance and repair of the temporary bypass system and all associated protective equipment (barricades, flashers, ramps etc.) at all times. The Contractor shall be equipped to make all repairs necessary, at the project site, for the duration of the project.

Designate a permanent company employee to maintain the bypass and services. Supply Madison Water Utility with applicable emergency and after hours phone numbers as part of the proposed Temporary Water Service Plan submittal required in these Special Provisions.

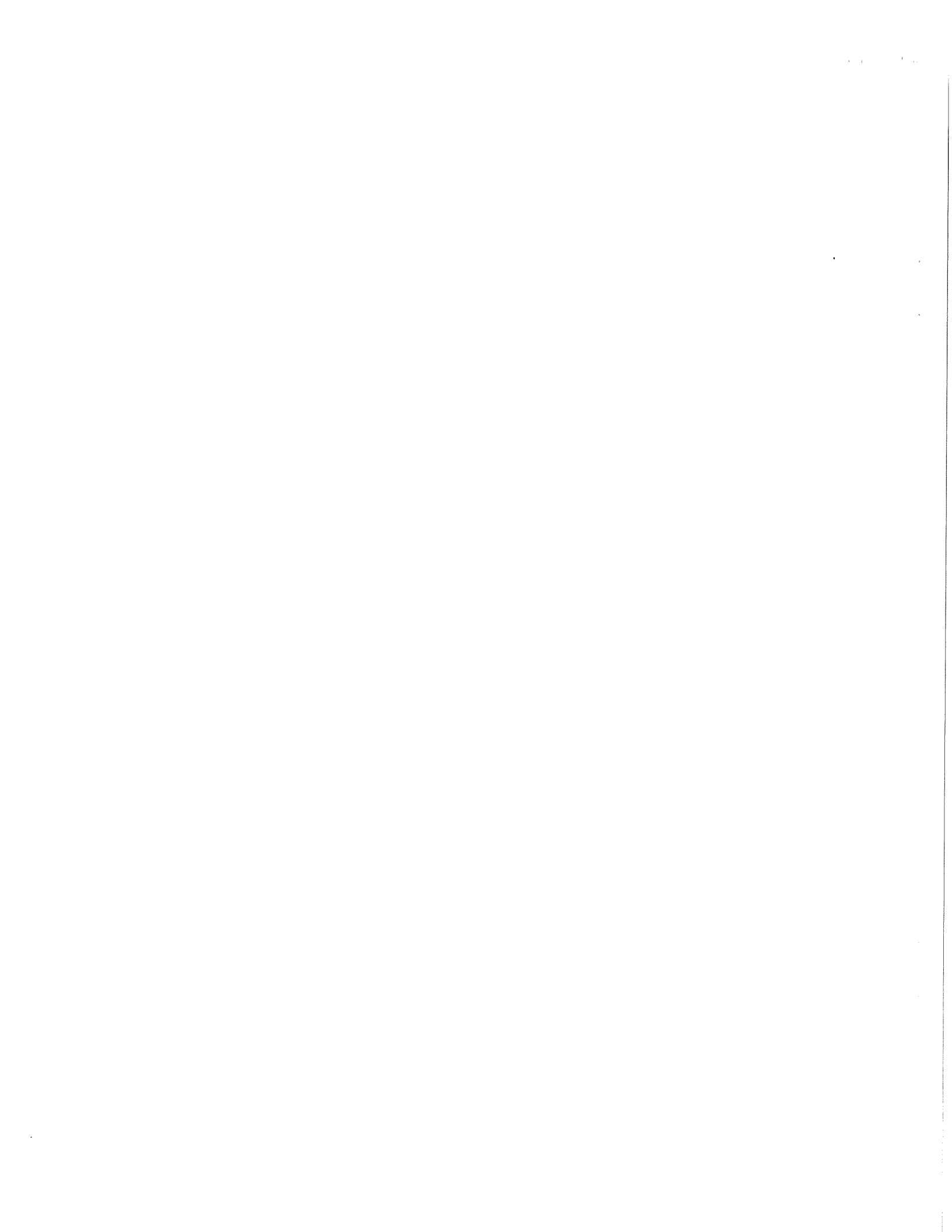
METHOD OF MEASUREMENT

Water Main Bypass is measured as a Lump Sum to include all materials and work performed as described in these Special Provisions.

BASIS OF PAYMENT

Water Main Bypass shall be paid for at a Lump Sum unit price. Lump sum payment shall be full compensation for all temporary water service work as specified.

A partial payment of 50 percent of the unit price bid will be made for installed bypass pipe that has not been tested, or has not satisfactorily passed required health tests.

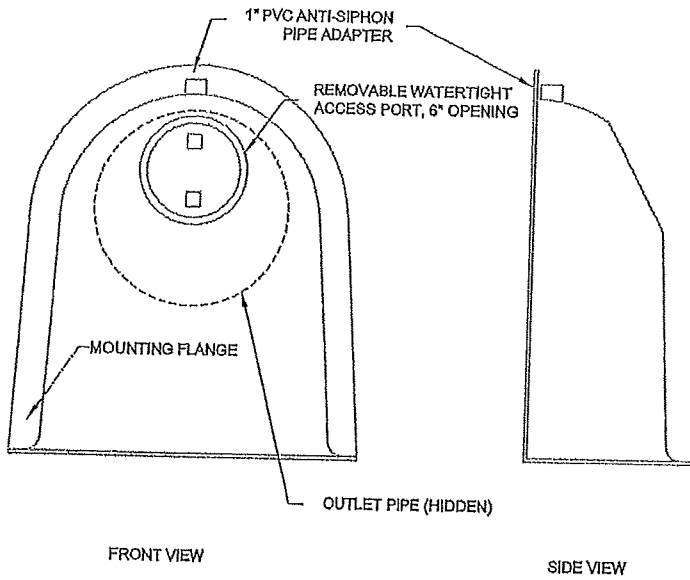


BEST MANAGEMENT PRODUCTS, INC.
The SNOUT® OIL-WATER-DEBRIS SEPARATOR SPECIFICATIONS
U.S. Patent # 6126817 Canadian Patent #2285146

5. INSTALLATION

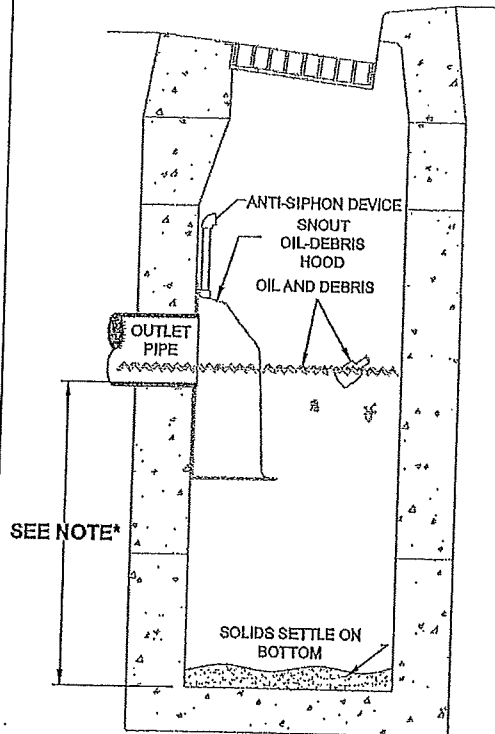
1. Select the SNOUT Oil-Water-Debris Separator of size and configuration to fit application. (Our SNOUTS are numbered to reflect that they will fit over a pipe with an outside diameter no greater than that number. Example: An 18" "SNOUT" will fit over a pipe with an outside diameter no greater than 18". Select F for flat-walled structures and R for round-walled structures.)
2. Center the SNOUT directly over the exit pipe so that the entire pipe is covered and so that the lower edge of the hood is at least 1/2 the pipe diameter below the lowest inside point of the pipe.
3. Drill * equally spaced 7/16" holes through the SNOUT flange. (*Number of holes vary depending on size of SNOUT.)
4. Mark and drill catch basin and install the tamp-in lead anchors.
 - (1) Drill a 3/4" hole into the base material to the required depth (approximately 1-1/4" deep.)
 - (2) Blow the hole clean of dust and other material.
 - (3) Insert the anchor into the hole (Lead shield out)
 - (4) Position a setting tool or a 9/16 socket against the anchor outer cone. (The outer rim of the tool or socket should seat onto the lead shield rim.)
 - (5) Using the tool, set the anchor by driving the lead sleeve over the cone using several sharp hammer blows. (Be sure the anchor is at the required embedment depth.)
5. Attach the vent pipe adapter in the pre-drilled hole in the top of the SNOUT using the 2 flat O ring gaskets and PVC lock-nut supplied in the kit. Install with female slip adapter up and a washer on each side of the SNOUT shell. Tighten lock-nut hand tight.
6. Remove PSA backing and with firm pressure, attach gasket strip to back of flange and trim excess.
7. Attach the SNOUT to the catch basin wall with 3/8" diameter stainless steel bolts in lead expansion anchors. Do not over tighten, 10-15 foot-pounds should be sufficient.
8. Cut the anti-siphon vent stack to length and attach to hood at slip adapter with PVC cement.
9. Attach 90 degree fitting to vent stack with PVC cement. Ensure that fitting opening is accessible for maintenance and inspection.

CONFIGURATION DETAIL



SNOUT OIL-WATER-DEBRIS SEPARATOR

TYPICAL INSTALLATION

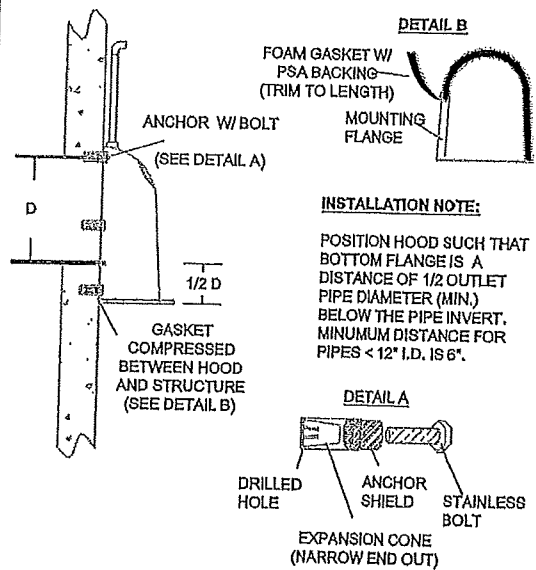


*NOTE- SUMP DEPTH OF 36" MIN. FOR <OR= 12" DIAM. OUTLET. FOR OUTLETS >OR= 15", DEPTH = 2.5-3X DIAM.

NOTES:

- ALL HOODS AND TRAPS FOR CATCH BASINS AND WATER QUALITY STRUCTURES SHALL BE AS MANUFACTURED BY:
BEST MANAGEMENT PRODUCTS, INC.
53 MT. ARCHER RD.
LYME, CT 06371
(860) 434-0277, (860) 434-3195 FAX
TOLL FREE: (800) 504-8008 OR (888) 354-7585
WEB SITE: www.bestmp.com
OR PRE-APPROVED EQUAL
- ALL HOODS SHALL BE CONSTRUCTED OF A GLASS REINFORCED RESIN COMPOSITE WITH ISO GEL COAT EXTERIOR FINISH WITH A MINIMUM 0.125" LAMINATE THICKNESS.
- ALL HOODS SHALL BE EQUIPPED WITH A WATERTIGHT ACCESS PORT, A MOUNTING FLANGE, AND AN ANTI-SIPHON VENT AS DRAWN. (SEE CONFIGURATION DETAIL)
- THE SIZE AND POSITION OF THE HOOD SHALL BE DETERMINED BY OUTLET PIPE SIZE AS PER MANUFACTURER'S RECOMMENDATION.
- THE BOTTOM OF THE HOOD SHALL EXTEND DOWNWARD A DISTANCE EQUAL TO 1/2 THE OUTLET PIPE DIAMETER WITH A MINIMUM DISTANCE OF 6" FOR PIPES <12" I.D.
- THE ANTI-SIPHON VENT SHALL EXTEND ABOVE HOOD BY MINIMUM OF 3" AND A MAXIMUM OF 24" ACCORDING TO STRUCTURE CONFIGURATION.
- THE SURFACE OF THE STRUCTURE WHERE THE HOOD IS MOUNTED SHALL BE FINISHED SMOOTH AND FREE OF LOOSE MATERIAL.
- THE HOOD SHALL BE SECURELY ATTACHED TO STRUCTURE WALL WITH 3/8" STAINLESS STEEL BOLTS AND OIL-RESISTANT GASKET AS SUPPLIED BY MANUFACTURER. (SEE INSTALLATION DETAIL)
- INSTALLATION INSTRUCTIONS SHALL BE FURNISHED WITH MANUFACTURER SUPPLIED INSTALLATION KIT.
INSTALLATION KIT SHALL INCLUDE:
A. INSTALLATION INSTRUCTIONS
PVC ANTI-SIPHON VENT PIPE AND ADAPTER
OIL-RESISTANT CRUSHED CELL FOAM GASKET WITH PSA BACKING
3/8" STAINLESS STEEL BOLTS
E. ANCHOR SHIELDS

INSTALLATION DETAIL

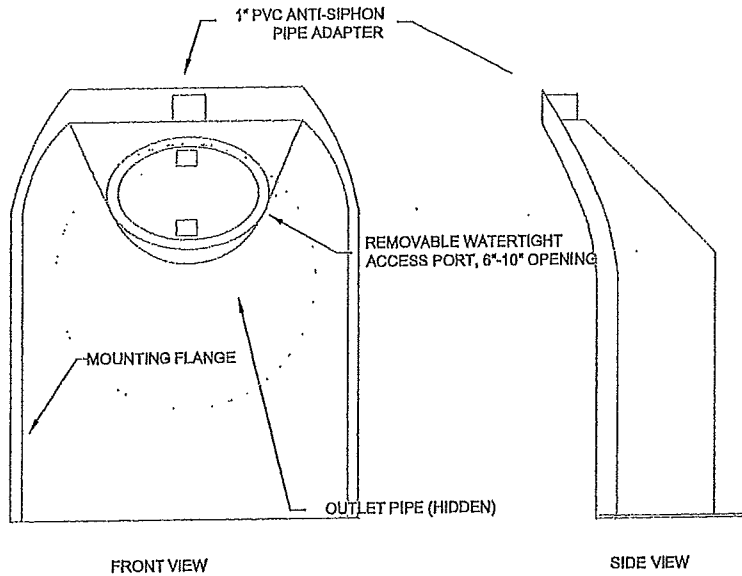


INSTALLATION NOTE:
POSITION HOOD SUCH THAT BOTTOM FLANGE IS A DISTANCE OF 1/2 OUTLET PIPE DIAMETER (MIN.) BELOW THE PIPE INVERT. MINIMUM DISTANCE FOR PIPES <12" I.D. IS 6".

HOOD SPECIFICATION FOR CATCH BASINS AND WATER QUALITY STRUCTURES

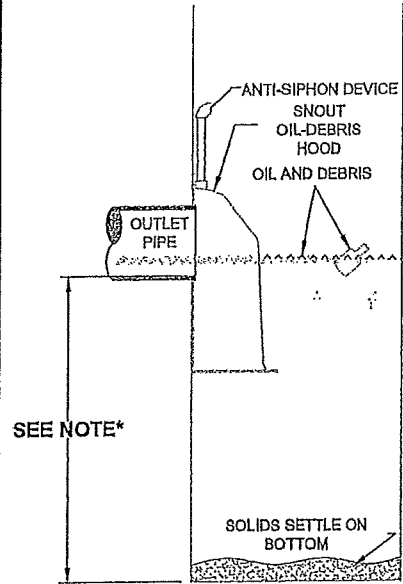
DESCRIPTION OIL-DEBRIS HOOD SPECIFICATION AND INSTALLATION (TYPICAL)	DATE 09/08/00	SCALE NONE
	DRAWING NUMBER SP-SN	

CONFIGURATION DETAIL



FRONT VIEW
SIDE VIEW
NP SNOUT OIL-WATER-DEBRIS SEPARATOR

TYPICAL INSTALLATION

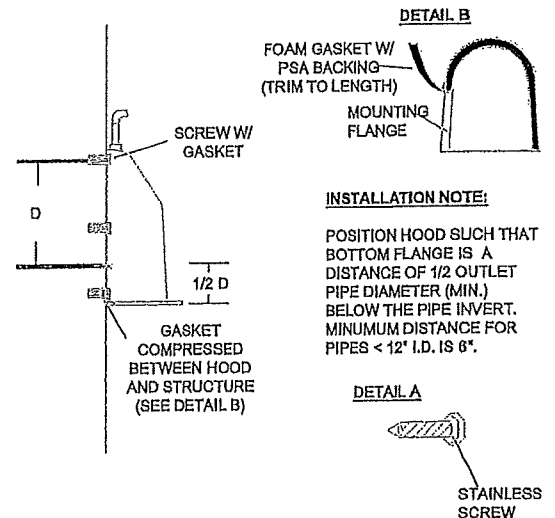


*NOTE- SUMP DEPTH OF 36" MIN. FOR < OR= 12" DIAM. OUTLET. FOR OUTLETS >OR= 16", DEPTH = 2.5-3X DIAM.

NOTES:

- 1. ALL HOODS AND TRAPS FOR PVC CATCH BASINS AND WATER QUALITY STRUCTURES SHALL BE AS MANUFACTURED BY:
BEST MANAGEMENT PRODUCTS, INC.
53 MT. ARCHER RD.
LYME, CT 06371
(860) 434-0277, (860) 434-3195 FAX
TOLL FREE: (800) 604-8008
WEB SITE: www.bmplnc.com
OR PRE-APPROVED EQUAL
- 2. ALL PVC CATCH BASINS SHALL BE MANUFACTURED BY NYLOPLAST, A DIVISION OF ADVANCED DRAINAGE SYSTEMS, INC. 800-821-6710 OR PRE-APPROVED EQUAL.
- 3. ALL HOODS SHALL BE CONSTRUCTED OF A GLASS REINFORCED RESIN COMPOSITE WITH ISO GEL COAT EXTERIOR FINISH WITH A MINIMUM 0.125" LAMINATE THICKNESS.
- 4. ALL HOODS SHALL BE EQUIPPED WITH A WATERTIGHT ACCESS PORT, A MOUNTING FLANGE, AND AN ANTI-SIPHON VENT AS DRAWN. (SEE CONFIGURATION DETAIL)
- 5. THE SIZE AND POSITION OF THE HOOD SHALL BE DETERMINED BY OUTLET PIPE SIZE AS PER MANUFACTURER'S RECOMMENDATION.
- 6. THE BOTTOM OF THE HOOD SHALL EXTEND DOWNWARD A DISTANCE EQUAL TO 1/2 THE OUTLET PIPE DIAMETER WITH A MINIMUM DISTANCE OF 6" FOR PIPES <12" I.D.
- 7. THE ANTI-SIPHON VENT SHALL EXTEND ABOVE HOOD BY MINIMUM OF 3" AND A MAXIMUM OF 12" ACCORDING TO STRUCTURE CONFIGURATION.
- 8. THE HOOD SHALL BE INSTALLED IN PVC CATCH BASIN WITH SUMP AS MANUFACTURED BY NYLOPLAST OR PRE-APPROVED EQUAL
- 9. THE HOOD SHALL BE SECURELY ATTACHED TO STRUCTURE WALL WITH STAINLESS STEEL SCREWS, STAINLESS RUBBER BACKED WASHERS, AND OIL-RESISTANT GASKET AS SUPPLIED BY MANUFACTURER. (SEE INSTALLATION DETAIL)
- 10. INSTALLATION INSTRUCTIONS SHALL BE FURNISHED WITH MANUFACTURER SUPPLIED INSTALLATION KIT.
INSTALLATION KIT SHALL INCLUDE:
A. INSTALLATION INSTRUCTIONS
B. PVC ANTI-SIPHON VENT PIPE AND ADAPTER
C. OIL-RESISTANT CRUSHED CELL FOAM GASKET WITH PSA BACKING
D. STAINLESS STEEL SCREWS
E. SCREW GASKETS

INSTALLATION DETAIL

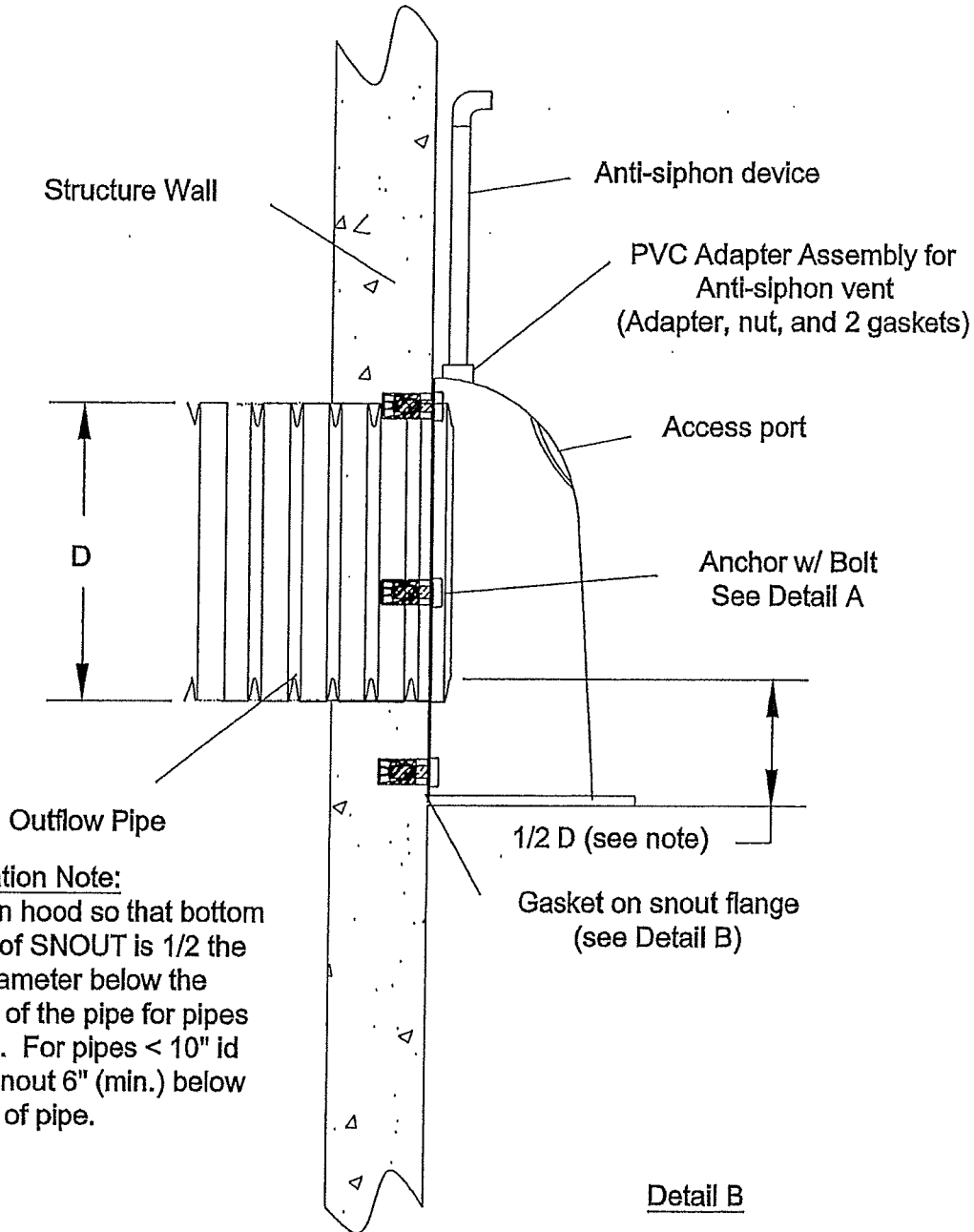


HOOD SPECIFICATION FOR PVC CATCH BASINS AND WATER QUALITY STRUCTURES

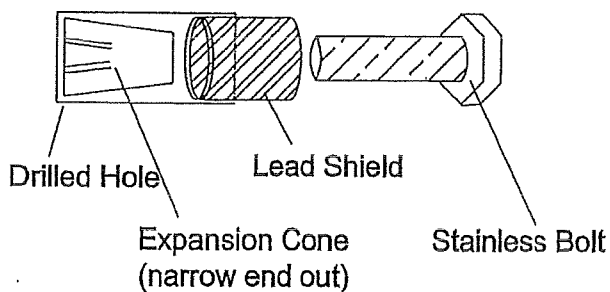
DESCRIPTION OIL- DEBRIS HOOD SPECIFICATION AND INSTALLATION (TYPICAL)	DATE 06/15/05	SCALE NONE
	DRAWING NUMBER SP-NPSN	

BEST MANAGEMENT PRODUCTS, INC.
SNOUT OIL & DEBRIS STOP
 DRAWING NUMBER: IN-SN
INSTALLATION DIAGRAM (TYPICAL)

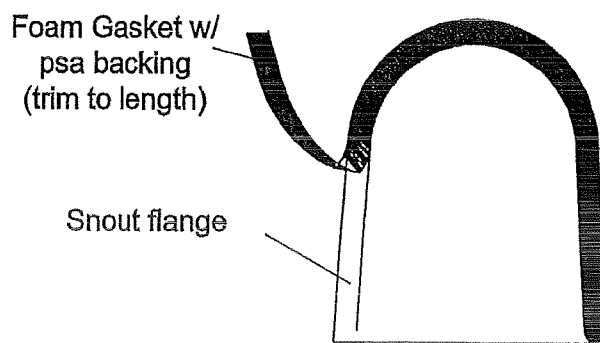
U.S. PATENT #6126817 ADDITIONAL PATENTS PENDING



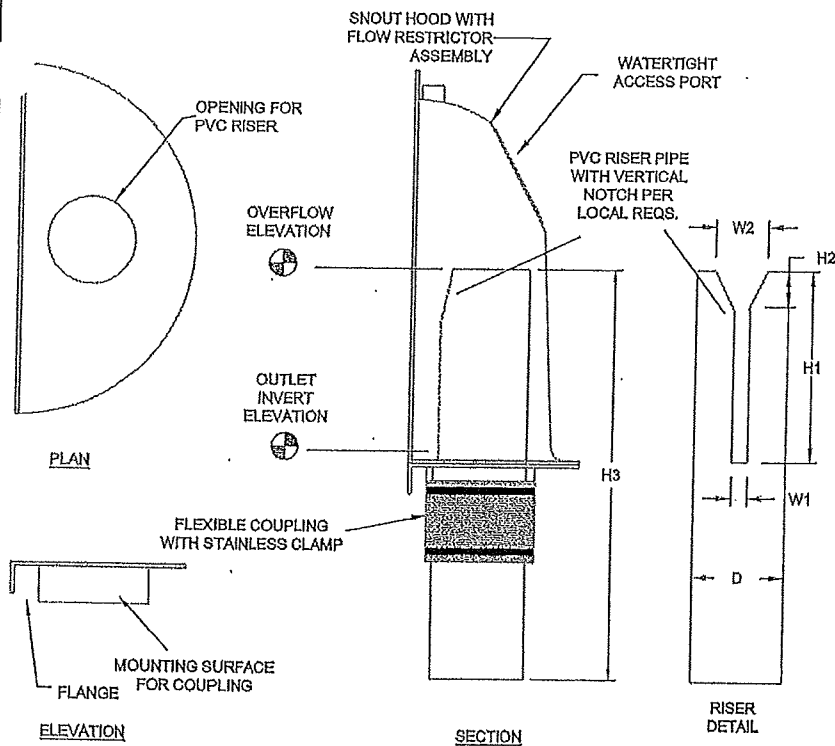
Detail A



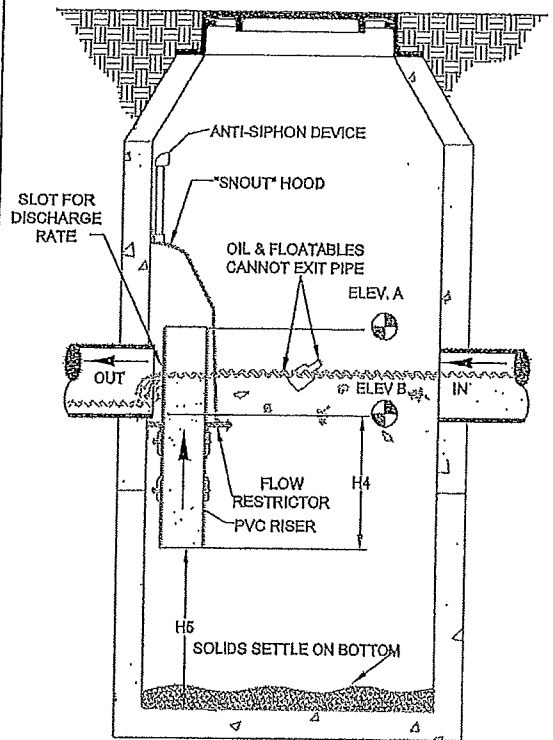
Detail B



FLOW RESTRICTOR DETAIL



TYPICAL INSTALLATION



NOTES:

1. ALL FLOW RESTRICTOR HOODS FOR CATCH BASINS AND WATER QUALITY STRUCTURES SHALL BE AS MANUFACTURED BY:
 BEST MANAGEMENT PRODUCTS, INC.
 63 MT. ARCHER RD.
 LYME, CT 06371
 (860) 434-0277, (860) 434-3195 FAX
 TOLL FREE: (800) 504-8008 OR (888) 354-7585
 WEB SITE: www.bestmp.com
 OR PRE-APPROVED EQUAL

2. ALL FLOW RESTRICTOR HOODS SHALL BE CONSTRUCTED OF A GLASS REINFORCED RESIN COMPOSITE WITH ISO GEL COAT EXTERIOR FINISH WITH A MINIMUM 0.125" LAMINATE THICKNESS.
3. ALL FLOW RESTRICTOR HOODS SHALL BE EQUIPPED WITH A WATERTIGHT ACCESS PORT, A MOUNTING FLANGE, AND AN ANTI-SIPHON VENT AS DRAWN.
4. THE SIZE AND CONFIGURATION OF THE DISCHARGE SLOT SHALL IN THE PVC RISER* SHALL BE DETERMINED BY LOCAL REQUIREMENTS.
5. THE PVC RISER SHALL BE SECURED TO FLOW RESTRICTOR PLATE WITH A FLEXIBLE PIPE COUPLING WITH STAINLESS STEEL CLAMPS.
6. THE ANTI-SIPHON VENT SHALL EXTEND ABOVE FLOW RESTRICTOR HOOD BY A MINIMUM OF 12" AND A MAXIMUM OF 24" ACCORDING TO STRUCTURE CONFIGURATION.
7. THE SURFACE OF THE STRUCTURE WHERE THE HOOD AND FLOW RESTRICTOR ARE MOUNTED SHALL BE FINISHED SMOOTH AND FREE OF LOOSE MATERIAL.
9. THE FLOW RESTRICTOR HOOD SHALL BE SECURELY ATTACHED TO STRUCTURE WALL WITH 3/8" STAINLESS STEEL BOLTS AND SEALED TO WALL WITH OIL-RESISTANT GASKET AS SUPPLIED BY MANUFACTURER.
10. INSTALLATION INSTRUCTIONS SHALL BE FURNISHED WITH MANUFACTURER SUPPLIED INSTALLATION KIT.
 INSTALLATION KIT SHALL INCLUDE:
 A. INSTALLATION INSTRUCTIONS
 B. PVC ANTI-SIPHON VENT PIPE AND ADAPTER
 C. FLEXIBLE PIPE COUPLING FOR SDR 35 PVC WITH STAINLESS CLAMPS
 D. OIL-RESISTANT CRUSHED CELL FOAM GASKET WITH PSA BACKING
 E. 3/8" STAINLESS STEEL MOUNTING BOLTS
 F. STAINLESS STEEL BOLTS AND LOCK NUTS TO SECURE PLATE TO HOOD
 G. ANCHOR SHIELDS

*PVC RISER PIPE SHALL BE SDR 35, AND MAY BE PURCHASED SEPARATELY AND CUT PER LOCAL REQUIREMENTS.

DIMENSION REQUIREMENTS

- ELEVATION A: _____ (OVERFLOW)
- ELEVATION B: _____ (OUTLET INVERT)

RISER DIMENSIONS

- D= RISER ID: _____
- W1= SLOT WIDTH: _____
- W2= NOTCH WIDTH: _____
- H1= SLOT LENGTH: _____
- H2= NOTCH LENGTH: _____
- H3= RISER LENGTH: _____
- H4= SUBMERGE DEPTH: _____ (MIN. 18")
- H5= DEPTH TO BOTTOM: _____ (MIN. 24")

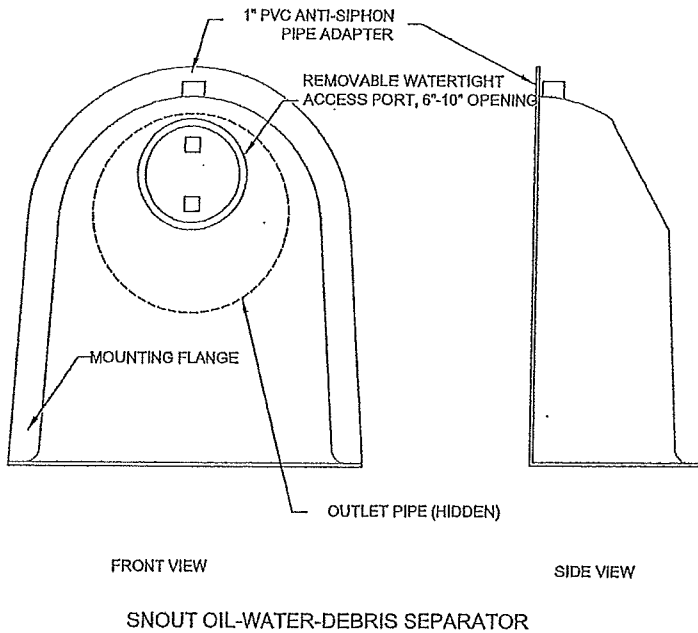
HOOD SIZE DETERMINED BY MANUFACTURER BASED ON RISER DIAMETER.

ADDITIONAL SKIRT PIECES AVAILABLE TO INCREASE HEIGHT OF HOOD.

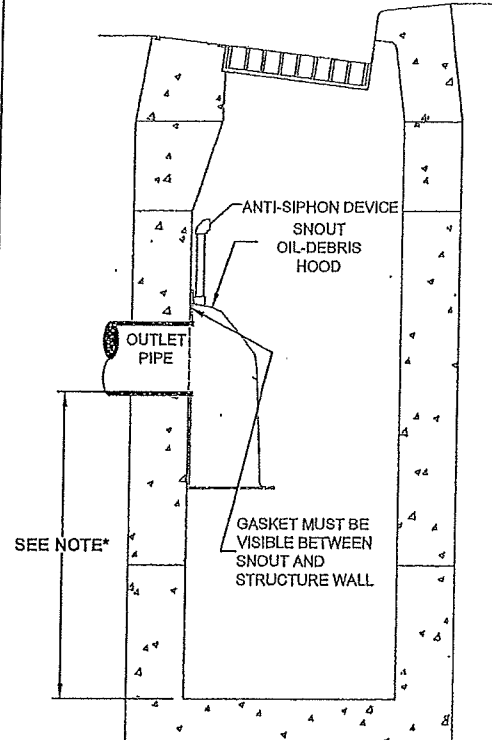
FLOW RESTRICTOR SPECIFICATION FOR CATCH BASINS AND WATER QUALITY STRUCTURES

DESCRIPTION FLOW RESTRICTOR SPECIFICATION AND INSTALLATION (TYPICAL)	DATE 09/25/00	SCALE NONE
	DRAWING NUMBER SP-FR	

CONFIGURATION DETAIL



TYPICAL INSTALLATION

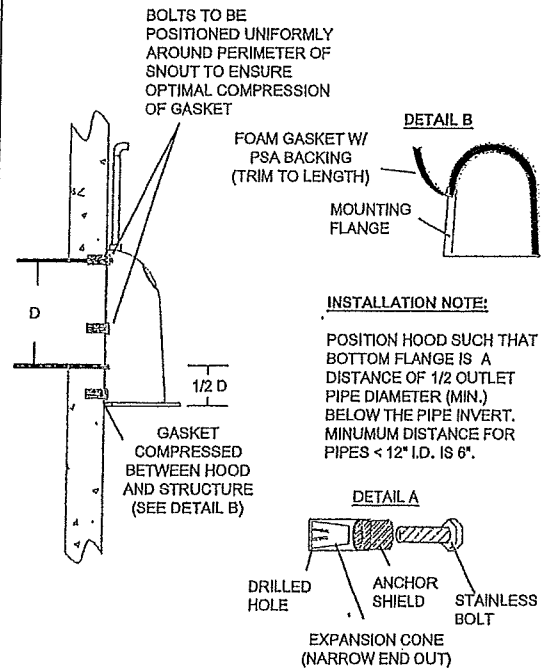


*NOTE- SUMP DEPTH TO BE MIN. OF 2.5 TIMES THE OUTLET PIPE I.D. (E.G. 24" PIPE= 5' SUMP) 3' MIN FOR PIPES 12" I.D. OR LESS

SPECTION REQUIREMENTS:

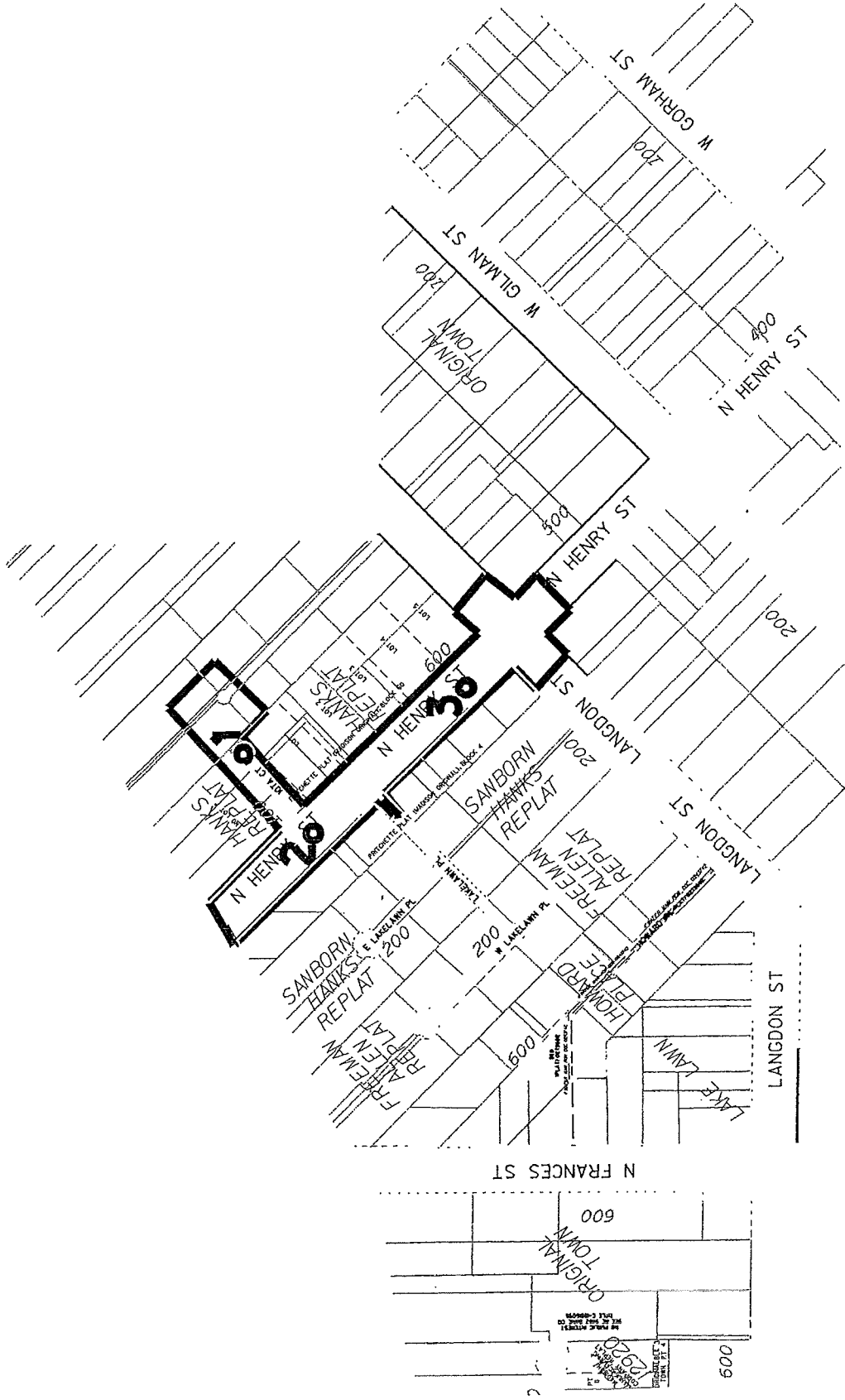
1. **MANUFACTURER:** ALL HOODS AND TRAPS FOR CATCH BASINS AND WATER QUALITY STRUCTURES SHALL BE PROVIDED BY:
BEST MANAGEMENT PRODUCTS, INC.
53 MT. ARCHER RD.
LYME, CT 06371
TOLL FREE: (800) 504-8008 OR (877) 434-3197 WEB SITE: www.bmplnc.com
2. **CONFIGURATION:** ALL HOODS SHALL BE EQUIPPED WITH A WATERTIGHT ACCESS PORT, A MOUNTING FLANGE, AND AN ANTI-SIPHON VENT AS DRAWN. (SEE CONFIGURATION DETAIL)
3. **PIPE COVERAGE:** THE SIZE OF THE HOOD SHALL PERMIT THE O.D. OF THE OUTLET PIPE TO BE COVERED COMPLETELY.
4. **HOOD POSITION:** THE BOTTOM OF THE HOOD SHALL EXTEND DOWNWARD A MINIMUM DISTANCE EQUAL TO 1/2 THE OUTLET PIPE I.D. WITH A MINIMUM DISTANCE OF 6" FOR PIPES <12" I.D. GREATER INSERTION DEPTH IS PERMISSIBLE.
5. **ANTI-SIPHON VENT:** VENT WITH ELBOW AND FEMALE ADAPTER SHALL EXTEND ABOVE HOOD BY MINIMUM OF 3" AND A MAXIMUM OF 24" ACCORDING TO STRUCTURE CONFIGURATION.
6. **MOUNTING SURFACE PREPARATION:** THE SURFACE OF THE STRUCTURE WHERE THE HOOD IS MOUNTED SHALL BE FINISHED SMOOTH AND FREE OF LOOSE MATERIAL.
7. **SNOUT/STRUCTURE INTERFACE:** THE HOOD SHALL BE SECURELY ATTACHED TO STRUCTURE WALL WITH 3/8" STAINLESS STEEL BOLTS. OIL-RESISTANT GASKET AS SUPPLIED BY MANUFACTURER MUST BE INSTALLED TO PROVIDE PROPER SEAL. (SEE DETAIL "B")
8. **ACCESSORIES:** IF OIL BOOMS OR FLOW DEFLECTORS ARE SPECIFIED, THEY MUST BE INSTALLED AND PRESENT FOR INSPECTION.
9. **INSTALLATION INSTRUCTIONS:** INSTRUCTIONS SHALL BE FURNISHED UPON REQUEST OF INSPECTOR WITH MANUFACTURER SUPPLIED INSTALLATION KIT.
INSTALLATION KIT SHALL INCLUDE:
A. INSTALLATION INSTRUCTIONS
B. PVC ANTI-SIPHON VENT PIPE, FEMALE ADAPTER WITH NUT, O-RING GASKETS
C. OIL-RESISTANT CRUSHED CELL FOAM GASKET WITH PSA BACKING
D. 3/8" STAINLESS STEEL BOLTS
E. ANCHOR SHIELDS
(SEE BELOW FOR MULTI-PART SNOUTS 36F, 48F, 54R, 96F AND SPLIT SNOUTS ONLY)
F. STAINLESS NUTS AND BOLTS PLUS GASKET TO SECURE TOP AND BOTTOM OF SNOUT.

INSTALLATION DETAIL




INSTALLATION REQUIREMENTS FOR SNOUT HOODS INSTALLED IN STORMWATER QUALITY IMPROVEMENT STRUCTURES

DESCRIPTION	DATE	SCALE
OIL- DEBRIS HOOD INSTALLATION REQUIREMENTS (TYPICAL)	04/13/05	NONE
DRAWING NUMBER INRQ-SN		



Legend

 Denotes Boring Location (approximate)

Notes

1. Soil borings performed by Badger State Drilling in September 2012

SOIL BORING LOCATION PLAN
 Iota Court and North Henry Street
 Madison, Wisconsin

CGC, Inc.

APPID: MNS C12074-8

Date: 9/12

DWN: -



LOG OF TEST BORING

Project Iota Court & North Henry Street
Iota: 115'NE of Henry, 3'NW of CL
 Location Madison, Wisconsin

Boring No. 1
 Surface Elevation (ft) 78.6*
 Job No. C12075-8
 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	LI
				0	X	3 in. Asphalt Pavement/4.5 in. Base Course				
1	10	M		15	X	FILL: Brown Lean Clay, Trace Gravel and Sand				
				5	X	Medium Dense to Very Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles and Boulders (SM)				
2	18	M		17	X					
				10	X	End Boring at 13 ft due to Auger Refusal due to Presumed Boulder				
3	12	M		33	X					
				15	X	Borehole backfilled with bentonite chips and asphalt patch				
4	10	M		75	X					
				20	X	*Elevation determined using an assumed datum of 100.0 ft referencing the top nut of a hydrant situated at the intersection of North Henry & Langdon.				
				25	X					

WATER LEVEL OBSERVATIONS

GENERAL NOTES

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

Start 9/17/12 End 9/17/12
 Driller Badger Chief AP Rig D-120
 Logger KD 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 Iota Court & North Henry Street
Henry: 3' SE of Iota Near CL
 Location Madison, Wisconsin

Boring No. 2
 Surface Elevation (ft) 79.0*
 Job No. C12075-8
 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
					5	5.5 in. Asphalt Pavement/8 in. Base Course				
1		12	M	14	5	FILL: Brown Lean Clay with Gravel and Sand				
2		12	M	16	5	Medium Dense to Very Dense, Brown Fine to medium SAND, some Silt and Gravel, Scattered Cobbles and Boulders (SM)				
3		18	M	20						
4		18	M	38						
5		16	M	54						
					15	End Boring at 15 ft				
					20	Borehole backfilled with bentonite chips and asphalt patch				
					25	*Elevation determined using an assumed datum of 100.0 ft referencing the top nut of a hydrant situated at the intersection of North Henry & Langdon.				

WATER LEVEL OBSERVATIONS

GENERAL NOTES

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

Start 9/17/12 End 9/17/12
 Driller Badger Chief AP Rig D-120
 Logger KD 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 Iota Court & North Henry Street
Henry: 100'NW of Langdon, 7'SW of CL
 Location Madison, Wisconsin

Boring No. 3
 Surface Elevation (ft) 97.7*
 Job No. C12075-8
 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
					X	4.5 in. Asphalt Pavement/7 in. Base Course				
1		3	M	19	X	FILL: Brown Lean Clay with Sand and Gravel				
2		18	M	32	X	Medium Dense to Very Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles and Boulders (SM)				
3		16	M	26	X					
4		14	M	36	X					
5		16	M	52	X					
End Boring at 15 ft										
Borehole backfilled with bentonite chips and asphalt patch										
*Elevation determined using an assumed datum of 100.0 ft referencing the top nut of a hydrant situated at the intersection of North Henry & Langdon.										

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>9/17/12</u> End <u>9/17/12</u> Driller <u>Badger</u> Chief <u>AP</u> Rig <u>D-120</u> Logger <u>KD</u> Editor <u>ESF</u> Drill Method <u>2 1/4" HSA</u>
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.	

SECTION E: BIDDERS ACKNOWLEDGEMENT

CONTRACT TITLE N.HENRY STREET AND IOTA COURT RECONSTRUCTION

CONTRACT NO. 6998

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.

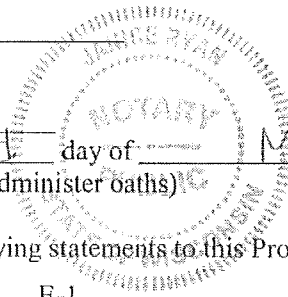
1. The undersigned having familiarized himself/herself with the Contract documents, including Advertisement for Bids, Instructions to Bidders, Form of Proposal, City of Madison Standard Specifications for Public Works Construction - 2013 Edition thereto, Form of Agreement, Form of Bond, and Addenda issued 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

Vice President

Jessie Ryan



Sworn and subscribed to before me this 3rd day of May, 20 13.

(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.

6998 Speedway Sand & Gravel

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

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

N. HENRY STREET AND IOTA COURT RECONSTRUCTION

CONTRACT NO. 6998

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

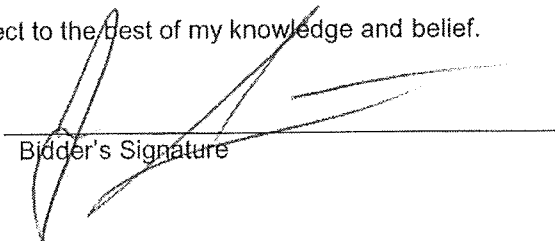
Prime Bidder Certification

I, JOHN CZEREPINSKI, VICE PRESIDENT of
Name Title

SPEEDWAY SAND & GRAVEL INC. 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

MAY 3, 2013
Date

N. HENRY STREET AND IOTA COURT RECONSTRUCTION

CONTRACT NO. 6998

Small Business Enterprise Compliance Report

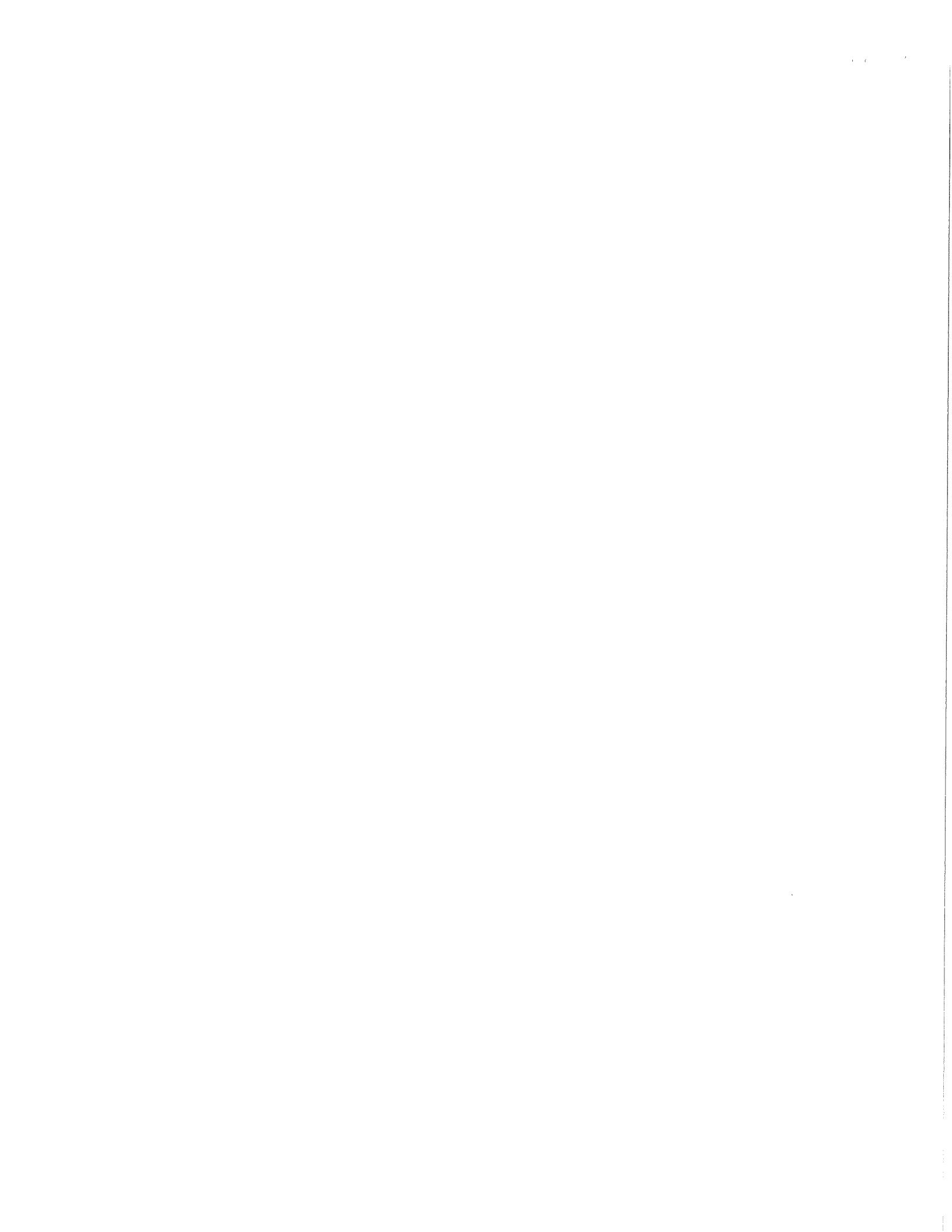
Summary Sheet

SBE Subcontractors Who Are NOT Suppliers

Name(s) of SBEs Utilized	Type of Work	% of Total Bid Amount
MADISON COMMERCIAL LNDS	SODDING/TOPSOIL, TERRACE RESTOR	0.59 %
NEIL SCHLOUGH TRUCKING	HAULING	4.49 %
ASTLE TRUCKING	HAULING	1.95 %
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
Subtotal SBE who are NOT suppliers:		_____ %

SBE Subcontractors Who Are Suppliers

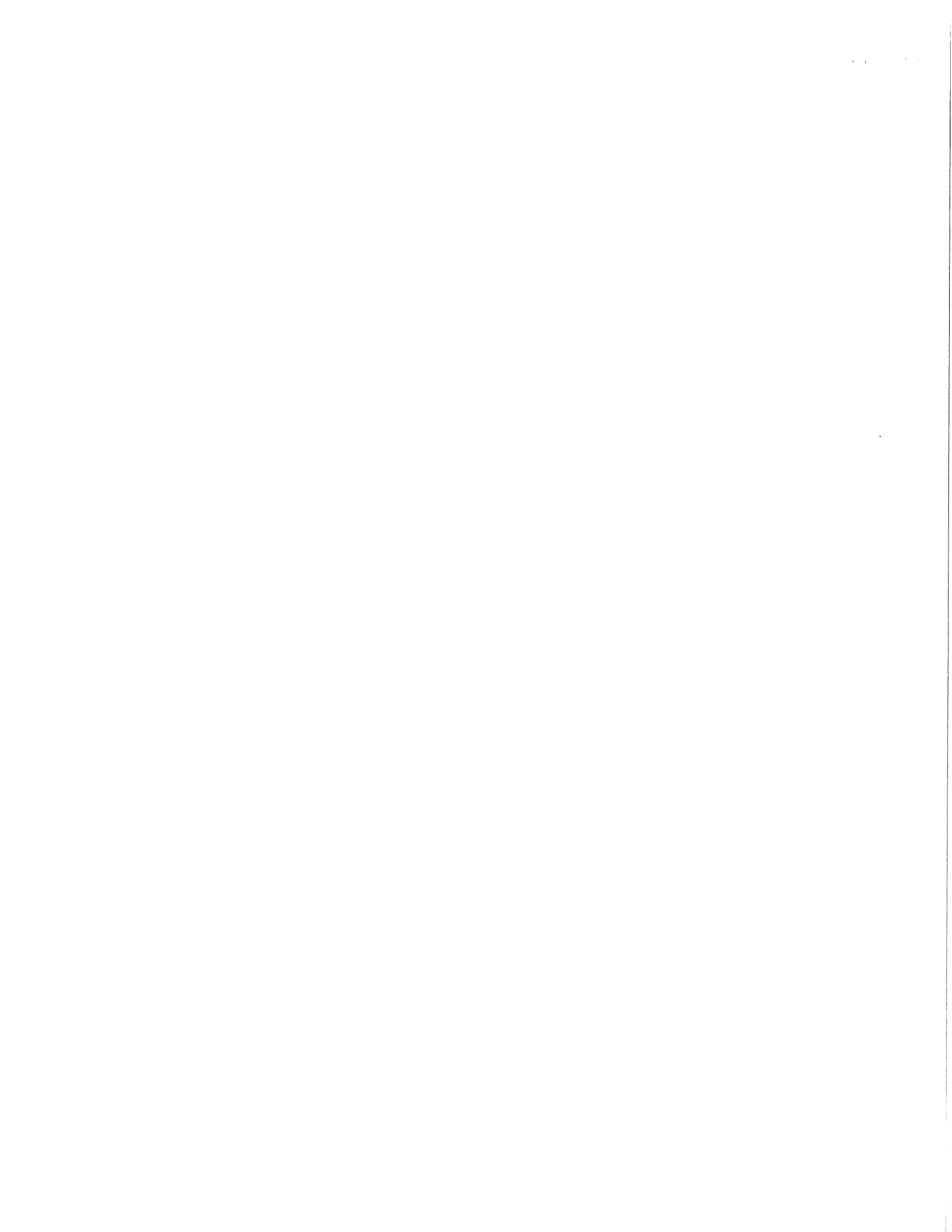
Name(s) of SBEs Utilized	Type of Work	% of Total Bid Amount
		%
		%
		%
		%
		%
		%
		%
		%
Subtotal Contractors who are suppliers:	_____ % x 0.6 = _____	% (discounted to 60%)
Total Percentage of SBE Utilization:	7.03	%.



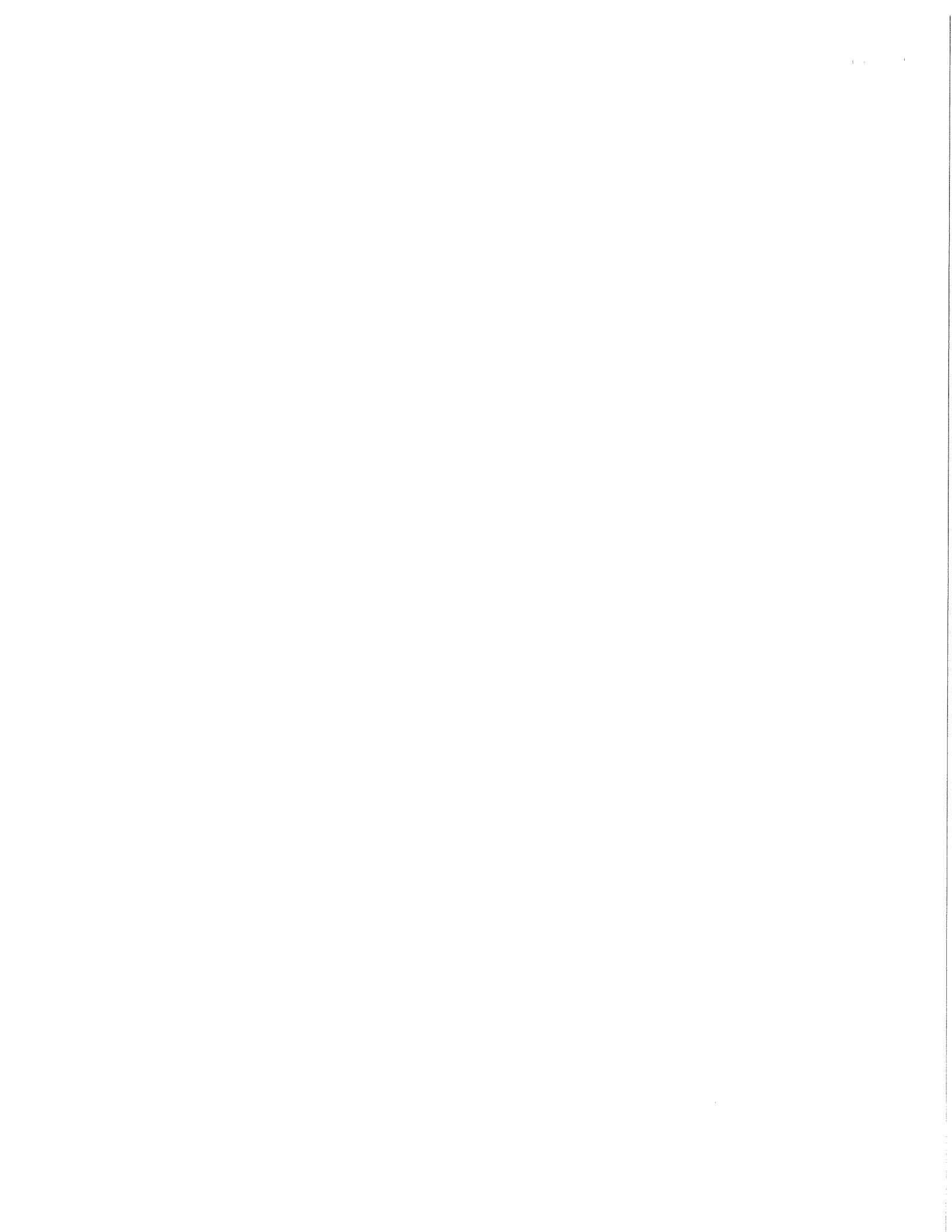
Section B: Proposal Page

\$1,024,780.15

Item Code	Description	Quantity	Units	Unit Price	Extension
10701.0	TRAFFIC CONTROL	1.0000	LUMP SUM	\$1,000.00	\$1,000.00
10801.0	ROOT CUTTING - CURB & GUTTER	30.0000	L.F.	\$5.00	\$150.00
10802.0	ROOT CUTTING - SIDEWALK	30.0000	L.F.	\$5.00	\$150.00
10911.0	MOBILIZATION	1.0000	LUMP SUM	\$20,000.00	\$20,000.00
20101.0	EXCAVATION CUT	1,905.0000	C.Y.	\$14.00	\$26,670.00
20130.0	UNDERDRAIN	525.0000	L.F.	\$14.00	\$7,350.00
20219.0	BREAKER RUN	80.0000	TON	\$10.00	\$800.00
20221.0	TOPSOIL	580.0000	S.Y.	\$3.33	\$1,931.40
20140.0	GEOTEXTILE FABRIC TYPE SAS (NON-WOVEN)	1,500.0000	S.Y.	\$1.50	\$2,250.00
20302.0	SAWCUT CONCRETE FULL DEPTH	130.0000	L.F.	\$2.20	\$286.00
20303.0	SAWCUT BITUMINOUS PAVEMENT, FULL DEPTH	140.0000	L.F.	\$1.50	\$210.00
20321.0	REMOVE CONCRETE PAVEMENT	630.0000	S.Y.	\$5.00	\$3,150.00
20322.0	REMOVE CONCRETE CURB & GUTTER	1,970.0000	L.F.	\$4.50	\$8,865.00
20323.0	REMOVE CONCRETE SIDEWALK & DRIVE	8,200.0000	S.F.	\$1.10	\$9,020.00
20401.0	CLEARING	6.0000	I.D.	\$40.00	\$240.00
20403.0	GRUBBING	22.0000	I.D.	\$45.00	\$990.00
20801.0	SODDING	580.0000	S.Y.	\$5.00	\$2,900.00
30201.0	TYPE 'A' CONCRETE CURB & GUTTER	1,575.0000	L.F.	\$15.00	\$23,625.00
30203.0	TYPE 'X' CONCRETE CURB & GUTTER	100.0000	L.F.	\$20.00	\$2,000.00
30206.0	TYPE 'G' CONCRETE CURB & GUTTER	360.0000	L.F.	\$24.00	\$8,640.00
30207.0	TYPE 'H' CONCRETE CURB & GUTTER	60.0000	L.F.	\$25.00	\$1,500.00
30208.0	HAND FORMED CONCRETE CURB & GUTTER (TREE LOCATIONS)	50.0000	L.F.	\$24.00	\$1,200.00
30301.0	5" CONCRETE SIDEWALK	7,720.0000	S.F.	\$4.10	\$31,652.00
30302.0	7" CONCRETE SIDEWALK AND DRIVE	2,100.0000	S.F.	\$4.45	\$9,345.00
30340.0	CURB RAMP DETECTABLE	104.0000	S.F.	\$35.00	\$3,640.00



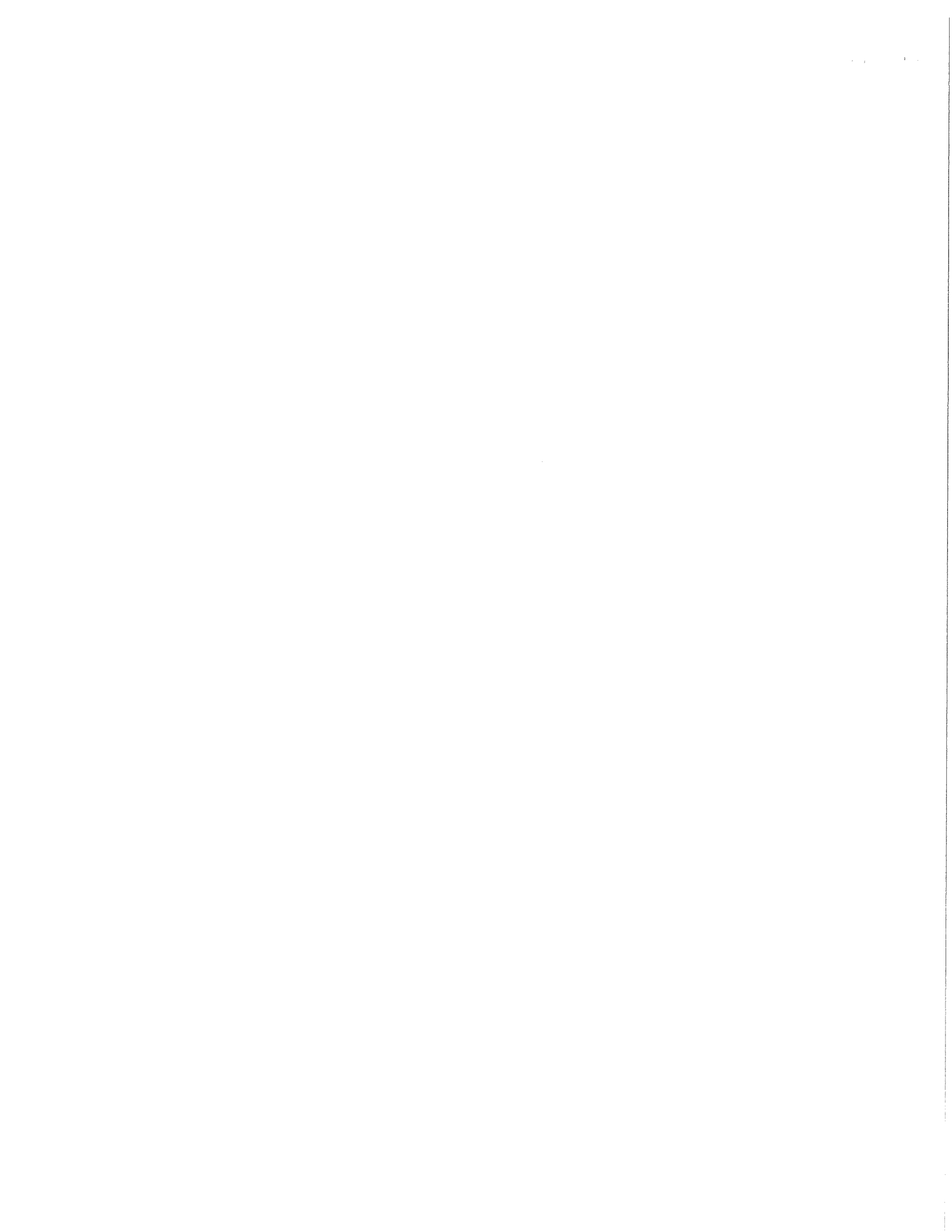
Item Code	Description	Quantity	Units	Unit Price	Extension
	WARNING FIELD				
40101.0	CRUSHED AGGREGATE BASE COURSE GRADATION NO. 1	960.0000	TON	\$13.00	\$12,480.00
40102.0	CRUSHED AGGREGATE BASE COURSE GRADATION NO. 2	1,640.0000	TON	\$13.00	\$21,320.00
40202.0	HMA PAVEMENT TYPE E-1	890.0000	TON	\$71.50	\$63,635.00
40231.0	ASPHALT DRIVE AND TERRACE	150.0000	S.Y.	\$33.50	\$5,025.00
40301.0	FULL WIDTH GRINDING	115.0000	S.Y.	\$23.35	\$2,685.25
60802.0	PAVEMENT MARKING EPOXY, LINE, 6-INCH	40.0000	L.F.	\$0.75	\$30.00
60812.0	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	480.0000	L.F.	\$6.75	\$3,240.00
60818.0	PAVEMENT MARKING EPOXY, 24-INCH, STOP LINE, WHITE	80.0000	L.F.	\$10.50	\$840.00
90001.0	REMOBILIZATION FOR 2014 WORK	1.0000	LUMP SUM	\$1,500.00	\$1,500.00
90002.0	TEMPORARY PAVEMENT WITH RAISED EDGE	490.0000	S.Y.	\$12.45	\$6,100.50
90003.0	REMOVE TEMPORARY PAVEMENT	490.0000	S.Y.	\$2.50	\$1,225.00
90004.0	TEMPORARY ASPHALT CURB	325.0000	L.F.	\$13.30	\$4,322.50
90005.0	REMOVE TEMPORARY ASPHALT CURB	325.0000	L.F.	\$2.00	\$650.00
90006.0	REMOVE BRICK PAVERS	1,030.0000	S.F.	\$0.50	\$515.00
90007.0	7.5" CONCRETE SIDEWALK	160.0000	S.F.	\$6.50	\$1,040.00
90008.0	CONCRETE RETAINING WALL, CAST IN PLACE	152.0000	S.F.	\$79.00	\$12,008.00
90009.0	RAILING	30.0000	L.F.	\$300.00	\$9,000.00
21001.0	EROSION CONTROL IMPLEMENTATION PLAN	1.0000	LUMP SUM	\$400.00	\$400.00
21002.0	EROSION CONTROL INSPECTION	10.0000	EACH	\$250.00	\$2,500.00
21013.0	STREET SWEEPING	1.0000	LUMP SUM	\$1,500.00	\$1,500.00
20311.0	REMOVE SEWER ACCESS STRUCTURE	5.0000	EACH	\$600.00	\$3,000.00
20314.0	REMOVE PIPE	53.0000	L.F.	\$10.00	\$530.00
21011.0	CONSTRUCTION ENTANCE	2.0000	EACH	\$200.00	\$400.00
21014.0	CLEAR STONE BERM (DITCH CHECK)	4.0000	EACH	\$200.00	\$800.00
21015.0	STREET CONSTRUCTION STONE BERM	5.0000	EACH	\$200.00	\$1,000.00
21025.0	SILT SOCK - PROVIDE, INSTALL & MAINTAIN	30.0000	L.F.	\$7.00	\$210.00
21026.0	SILT SOCK - REMOVE &	30.0000	L.F.	\$5.00	\$150.00



Item Code	Description	Quantity	Units	Unit Price	Extension
	RESTORE				
21032.0	INLET PROTECTION, TYPE C - PROVIDE & INSTALL	2.0000	EACH	\$50.00	\$100.00
21033.0	INLET PROTECTION, TYPE C - MAINTAIN	2.0000	EACH	\$40.00	\$80.00
21034.0	INLET PROTECTION, TYPE C - REMOVE	2.0000	EACH	\$20.00	\$40.00
21056.0	INLET PROTECTION, TYPE D HYBRID - PROVIDE & INSTALL	14.0000	EACH	\$140.00	\$1,960.00
21057.0	INLET PROTECTION, TYPE D HYBRID - MAINTAIN	14.0000	EACH	\$40.00	\$560.00
21058.0	INLET PROTECTION, TYPE D HYBRID - REMOVE	14.0000	EACH	\$20.00	\$280.00
21051.0	CLEAN SUMP	2.0000	EACH	\$250.00	\$500.00
50401.0	12 INCH STORM SEWER PIPE	568.0000	L.F.	\$61.00	\$34,648.00
50741.0	TYPE H INLET	15.0000	EACH	\$1,550.00	\$23,250.00
50801.0	ULO	17.0000	EACH	\$400.00	\$6,800.00
20230.0	HEAVY RIP RAP	25.0000	TON	\$100.00	\$2,500.00
20233.0	RIP RAP FILTER FABRIC, TYPE HR	15.0000	S.Y.	\$30.00	\$450.00
20336.0	PIPE PLUG	7.0000	EACH	\$300.00	\$2,100.00
50202.0	DEWATERING TYPE II	1.0000	LUMP SUM	\$1.00	\$1.00
50211.0	SELECT BACKFILL FOR STORM	1,153.0000	T.F.	\$0.10	\$115.30
50412.0	15 INCH RCP STORM SEWER PIPE	87.0000	L.F.	\$63.60	\$5,533.20
50413.0	18 INCH RCP STORM SEWER PIPE	171.0000	L.F.	\$66.30	\$11,337.30
50414.0	21 INCH RCP STORM SEWER PIPE	186.0000	L.F.	\$69.00	\$12,834.00
50415.0	24 INCH STORM SEWER PIPE	141.0000	L.F.	\$132.00	\$18,612.00
50465.0	24" RCP APRON END	1.0000	EACH	\$1,800.00	\$1,800.00
50499.0	CONCRETE COLLAR	1.0000	EACH	\$750.00	\$750.00
50605.0	24" RCP APRON END GATE	1.0000	EACH	\$300.00	\$300.00
50723.0	3'X3' STORM SAS	9.0000	EACH	\$2,500.00	\$22,500.00
50792.0	STORM SEWER TAP	1.0000	EACH	\$800.00	\$800.00
90030.0	PROVIDE PRIVATE STORM LATERAL	3.0000	EACH	\$1,700.00	\$5,100.00
90031.0	PRIVATE RECONNECT	6.0000	EACH	\$1,500.00	\$9,000.00
90032.0	STORM CONTROL	1.0000	LUMP SUM	\$1,000.00	\$1,000.00
90033.0	ABANDON CISTERN	1.0000	EACH	\$5,400.00	\$5,400.00
90035.0	CONCRETE THRUST BLOCK	3.0000	EACH	\$750.00	\$2,250.00
90034.0	60" DIA PRECAST CB WITH SNOUT	1.0000	EACH	\$3,200.00	\$3,200.00
20311.0	REMOVE SEWER ACCESS STRUCTURE	6.0000	EACH	\$400.00	\$2,400.00

Item Code	Description	Quantity	Units	Unit Price	Extension
20314.0	REMOVE PIPE	140.0000	L.F.	\$14.00	\$1,960.00
20331.0	ABANDON SEWER ACCESS STRUCTURE	1.0000	EACH	\$350.00	\$350.00
20336.0	PIPE PLUG	10.0000	EACH	\$150.00	\$1,500.00
20501.0	ADJUST SEWER ACCESS STRUCTURE	1.0000	EACH	\$400.00	\$400.00
50103.0	RECONSTRUCT BENCH AND FLOWLINE	2.0000	EACH	\$1,200.00	\$2,400.00
50212.0	SELECT BACKFILL FOR SANITARY SEWER	1,292.0000	T.F.	\$0.10	\$129.20
50227.0	UTILITY TRENCH PATCH TYPE IV	210.0000	T.F.	\$15.00	\$3,150.00
50301.0	8 INCH PVC SANITARY SEWER PIPE	486.0000	L.F.	\$115.00	\$55,890.00
50302.0	10 INCH PVC SANITARY SEWER PIPE	102.0000	L.F.	\$127.00	\$12,954.00
50321.0	8 INCH PVC PRESSURE SANITARY SEWER PIPE	31.0000	L.F.	\$130.00	\$4,030.00
50322.0	10 INCH PVC PRESSURE SANITARY SEWER PIPE	223.0000	L.F.	\$126.00	\$28,098.00
50353.0	SANITARY SEWER LATERAL SDR 26 AND C900	450.0000	L.F.	\$60.50	\$27,225.00
50354.0	RECONNECT	14.0000	EACH	\$1,500.00	\$21,000.00
50361.0	WASTEWATER CONTROL	1.0000	LUMP SUM	\$1,000.00	\$1,000.00
50390.0	SEWER ELECTRONIC MARKERS	30.0000	EACH	\$30.00	\$900.00
50701.0	4' DIA. SANITARY SAS	5.0000	EACH	\$3,200.00	\$16,000.00
50781.0	8" SANITARY SEWER OUTSIDE DROP	4.6000	V.F.	\$350.00	\$1,610.00
50791.0	SANITARY SEWER TAP	5.0000	EACH	\$1,500.00	\$7,500.00
70402.0	ROCK EXCAVATION	50.0000	C.Y.	\$0.01	\$0.50
90070.0	BORE AND JACK 10" C900 SANITARY SEWER PIPE	50.0000	L.F.	\$406.00	\$20,300.00
90071.0	CRACK AND DAMAGE SURVEY	3.0000	EACH	\$3,000.00	\$9,000.00
90072.0	SITE RESTORATION N HENRY ST TO LAKE	1.0000	LUMP SUM	\$18,680.00	\$18,680.00
90073.0	TEMPORARY SHORING	1.0000	LUMP SUM	\$18,000.00	\$18,000.00
10703.0	TRAFFIC CONTROL FOR WATER MAIN INSTALLATION	1.0000	LUMP SUM	\$3,000.00	\$3,000.00
10913.0	MOBILIZATION FOR WATER MAIN INSTALLATION	1.0000	LUMP SUM	\$24,400.00	\$24,400.00
40391.0	REMOVE & REPLACE 5" THICK CONCRETE SIDEWALK -	400.0000	S.F.	\$6.90	\$2,760.00

Item Code	Description	Quantity	Units	Unit Price	Extension
	RESURFACING				
50227.0	UTILITY TRENCH PATCH TYPE IV	250.0000	T.F.	\$10.00	\$2,500.00
50801.0	UTILITY LINE OPENING (ULO)	2.0000	EACH	\$450.00	\$900.00
70001.0	FURNISH AND INSTALL 4 INCH PIPE & FITTINGS	80.0000	L.F.	\$63.00	\$5,040.00
70002.0	FURNISH AND INSTALL 6 INCH PIPE & FITTINGS	140.0000	L.F.	\$71.00	\$9,940.00
70003.0	FURNISH AND INSTALL 8 INCH PIPE & FITTINGS	600.0000	L.F.	\$115.00	\$69,000.00
70004.0	FURNISH AND INSTALL 10 INCH PIPE & FITTINGS	40.0000	L.F.	\$127.00	\$5,080.00
70005.0	FURNISH AND INSTALL 12 INCH PIPE & FITTINGS	10.0000	L.F.	\$177.00	\$1,770.00
70013.0	FURNISH AND INSTALL 20 INCH STEEL CASING	30.0000	L.F.	\$406.00	\$12,180.00
70404.0	REMOVAL OF EXCESS AMOUNTS OF BOULDERS	50.0000	C.Y.	\$10.00	\$500.00
70405.0	CUT-IN CONNECTION	8.0000	EACH	\$2,500.00	\$20,000.00
70407.0	FURNISH AND INSTALL HYDRANT	1.0000	EACH	\$3,570.00	\$3,570.00
70408.0	SELECT FILL - SAND FOR WATER	870.0000	L.F.	\$0.10	\$87.00
70413.0	FURNISH AND INSTALL STYROFOAM	120.0000	L.F.	\$10.00	\$1,200.00
70414.0	CUT OFF EXISTING WATER MAIN	4.0000	EACH	\$2,000.00	\$8,000.00
70415.0	ABANDON WATER VALVE BOX	12.0000	EACH	\$200.00	\$2,400.00
70416.0	ABANDON HYDRANT	2.0000	EACH	\$450.00	\$900.00
70417.0	ABANDON WATER VALVE ACCESS STRUCTURE	5.0000	EACH	\$375.00	\$1,875.00
70418.0	ADJUST WATER VALVE BOX	8.0000	EACH	\$200.00	\$1,600.00
70424.0	TERRACE RESTORATION FOR WATER MAIN	40.0000	L.F.	\$18.25	\$730.00
70425.0	CUT OUT EXISTING WATER MAIN FITTING	2.0000	EACH	\$100.00	\$200.00
70426.0	CUT OUT AND REPLACE EXISTING WATER MAIN VALVE	1.0000	EACH	\$1,000.00	\$1,000.00
70427.0	FURNISH AND INSTALL 4 INCH VALVE	2.0000	EACH	\$1,350.00	\$2,700.00
70428.0	FURNISH AND INSTALL 6 INCH VALVE	5.0000	EACH	\$1,620.00	\$8,100.00
70429.0	FURNISH AND INSTALL 8 INCH VALVE	5.0000	EACH	\$2,160.00	\$10,800.00



Item Code	Description	Quantity	Units	Unit Price	Extension
70430.0	FURNISH AND INSTALL 10 INCH VALVE	1.0000	EACH	\$3,010.00	\$3,010.00
70441.0	EXTEND AND RECONNECT SERVICE LATERAL - 1.5 INCHES	120.0000	L.F.	\$120.00	\$14,400.00
70442.0	EXTEND AND RECONNECT SERVICE LATERAL - 2 INCHES	45.0000	L.F.	\$150.00	\$6,750.00
70443.0	DISCONNECT / RECONNECT SERVICE LATERAL - 1 INCH	4.0000	EACH	\$850.00	\$3,400.00
70444.0	DISCONNECT / RECONNECT 1.5-INCH SERVICE LATERAL	1.0000	EACH	\$1,150.00	\$1,150.00
70455.0	PIPE PLUG FOR WATER MAIN INSTALLATION	4.0000	EACH	\$300.00	\$1,200.00
70456.0	FURNISH EXCAVATION AND DITCH FOR LIVE TAP	4.0000	EACH	\$1,500.00	\$6,000.00
90160.0	WATER MAIN SUPPORT OR TEMPORARY WATER BYPASS	1.0000	LUMP SUM	\$15,000.00	\$15,000.00
60230.0	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 80) CONDUIT	280.0000	L.F.	\$5.50	\$1,540.00
60232.0	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 40) CONDUIT	1,150.0000	L.F.	\$5.00	\$5,750.00
60234.0	FURNISH & INSTALL 1 1/4 INCH PVC (SCHEDULE 40) CONDUIT	50.0000	L.F.	\$5.00	\$250.00
60241.0	GOPHER RACEWAY FOR ELECTRICAL CONDUIT OR CABLE-IN-DUCT	50.0000	L.F.	\$15.00	\$750.00
60261.0	ELECTRICAL TRENCH	1,400.0000	L.F.	\$4.00	\$5,600.00
60401.0	CONSTRUCT LB-1 BASE	12.0000	EACH	\$575.00	\$6,900.00
60421.0	REMOVE STREET LIGHT BASE	1.0000	EACH	\$650.00	\$650.00
60702.0	CONSTRUCT ELECTRICAL HANDHOLE TYPE I	1.0000	EACH	\$250.00	\$250.00

Total: \$1,024,780.15



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. Dalley, P.E.
Christina M. Bachmann, P.E.
John S. Fahmney, 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. DeMorett, 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, partnership), (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

Eric D. Barnes Assistant Secretary

Frank E. Martin Jr.

By: *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

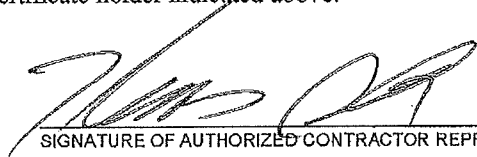
CERTIFICATE OF BIENNIAL BID BOND

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

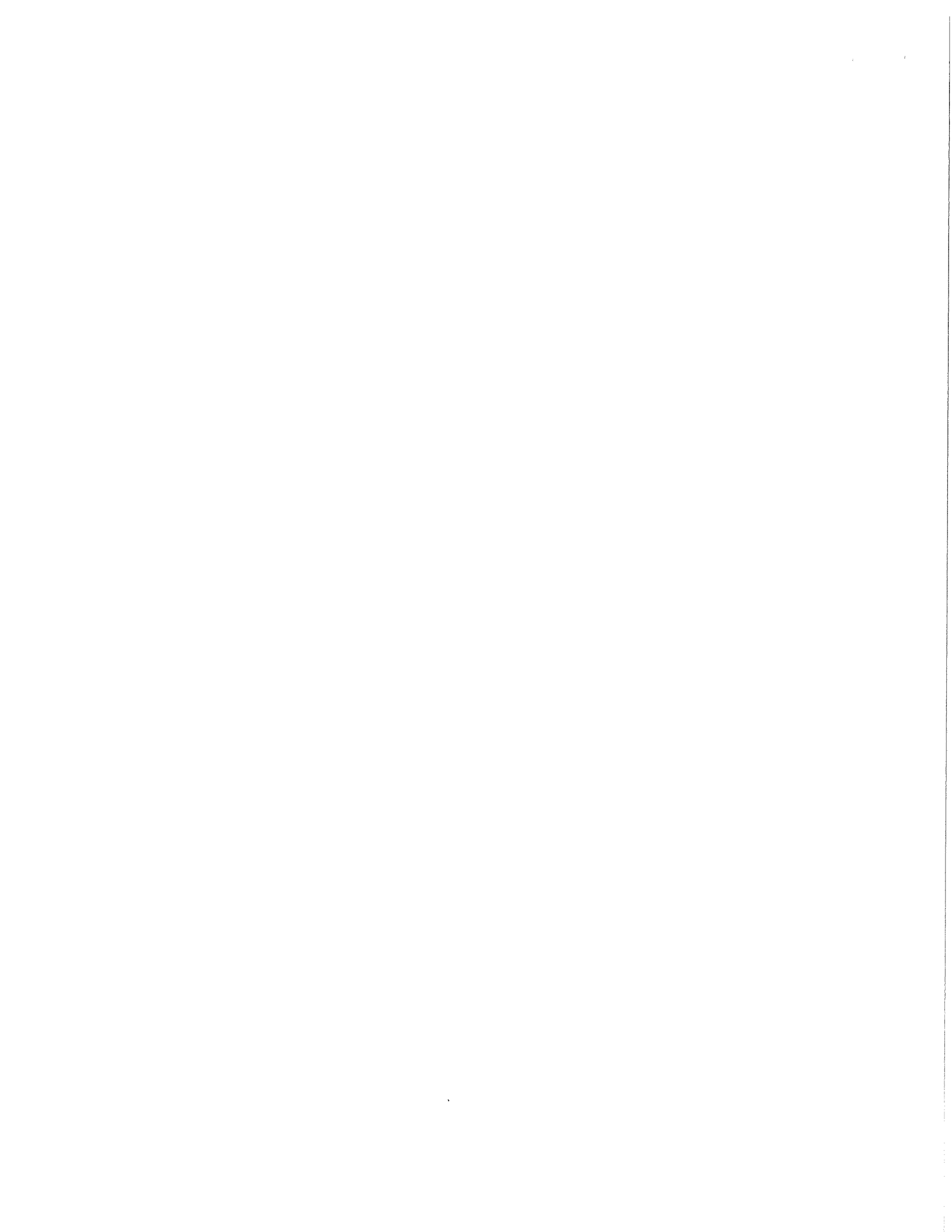
This is to certify that a biennial bid bond issued by the above-named Surety is currently on file with the City of Madison.

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

Dec 14, 2011
DATE



SECTION H: AGREEMENT

THIS AGREEMENT made this 22nd day of May 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 MAY 21, 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:

N. HENRY STREET AND IOTA COURT RECONSTRUCTION CONTRACT NO. 6998

2. **Completion Date/Contract Time.** Construction work must begin within seven (7) calendar days after the date appearing on mailed written notice to do so shall have been sent to the Contractor and shall be carried on at a rate so as to secure full completion SEE SPECIAL PROVISIONS, the rate of progress and the time of completion being essential conditions of this Agreement.
3. **Contract Price.** The City shall pay to the Contractor at the times, in the manner and on the conditions set forth in said specifications, the sum of ONE MILLION TWENTY-FOUR THOUSAND SEVEN HUNDRED EIGHTY DOLLARS AND FIFTEEN CENTS (\$1,024,780.15) 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.

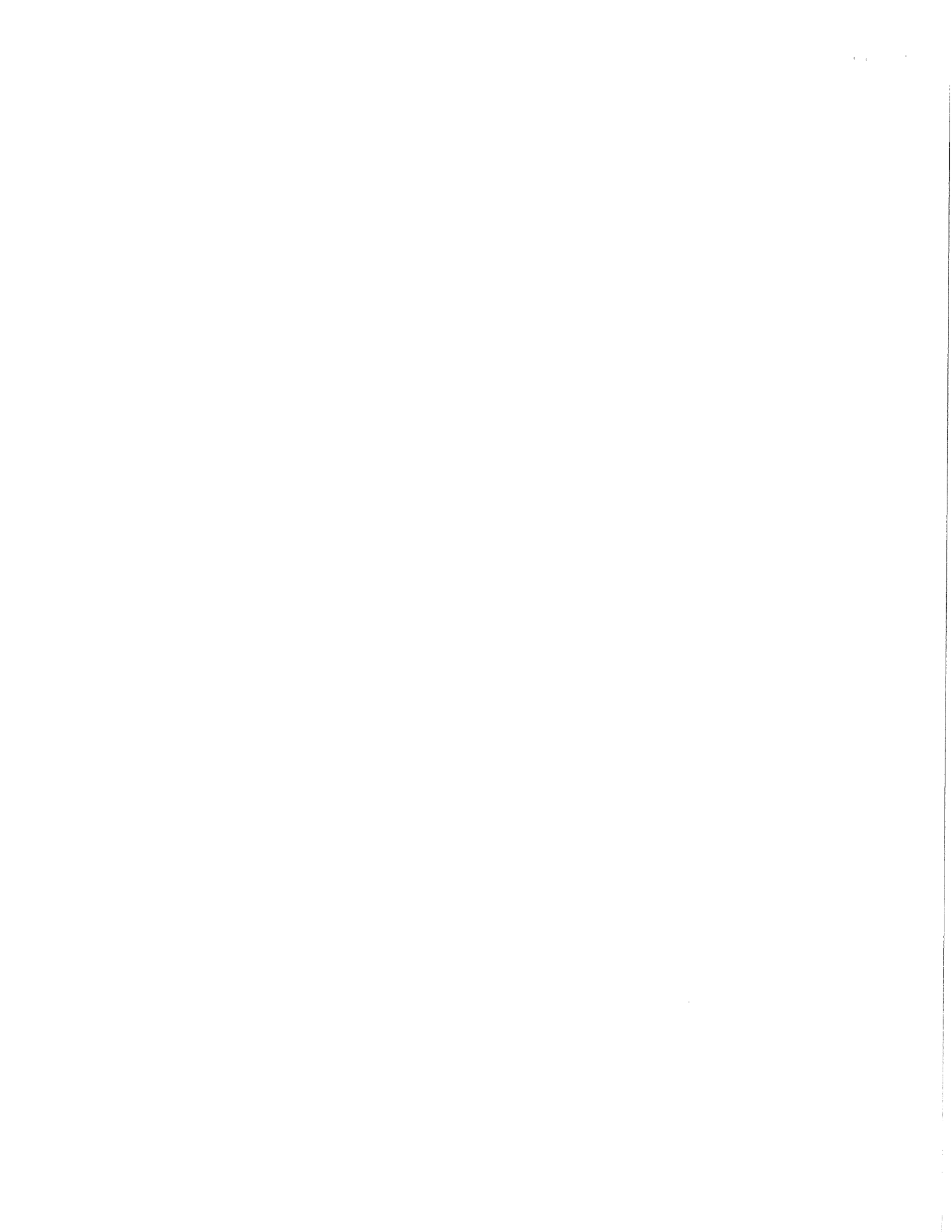
Straight Time Wages. The Contractor may pay straight time wages as determined by the prevailing wage rate and DWD 290.04, Wis. Admin. Code.

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 original and that the

employer shall provide harassment free work environment for the realization of the potential of each employee. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation and selection for training including apprenticeship insofar as it is within the control of the Contractor. The Contractor agrees to post in conspicuous places available to employees and applicants notices to be provided by the City setting out the provisions of the nondiscrimination clauses in this contract.

Article II

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

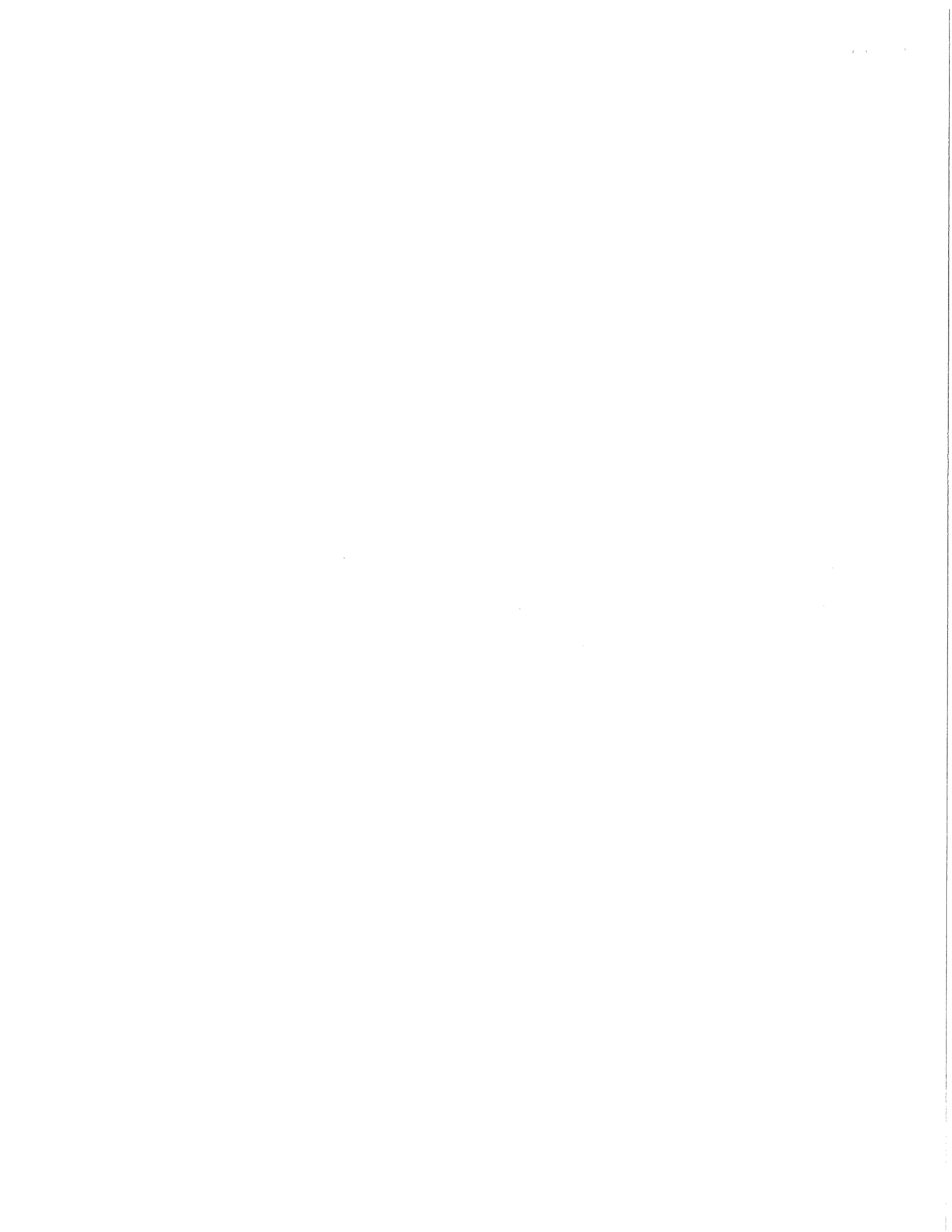
1. Cancel, terminate or suspend this Contract in whole or in part.
2. Declare the Contractor ineligible for further City contracts until the Affirmative Action requirements are met.
3. Recover on behalf of the City from the prime Contractor 0.5 percent of the contract award price for each week that such 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.



**N. HENRY STREET AND IOTA COURT RECONSTRUCTION
CONTRACT NO. 6998**

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.

Company Name

Bonnie Larson 5/22/13
Witness Date

Tom Wilson 5/22/13
Witness Date

[Signature] 5/22/13
President Date

Aurice Ryan 5/22/13
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] for
City Attorney

Signed this 30th day of May, 20 13

[Signature]
Witness

[Signature] Acting Mayor 5/30/13
Date

[Signature]
Witness

[Signature] 5/29/13
City Clerk Date

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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 ONE MILLION TWENTY-FOUR THOUSAND SEVEN HUNDRED EIGHTY DOLLARS AND FIFTEEN CENTS (\$1,024,780.15), 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:

**N. HENRY STREET AND IOTA COURT RECONSTRUCTION
CONTRACT NO. 6998**

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 22nd day of May, 2013

Countersigned:

Bonnie Larson
Witness

Jessica Ryan
Secretary

Approved as to form:

Ann Fitzmaurice IV
City Attorney

SPEEDWAY SAND & GRAVEL, INC.
Company Name (Principal)

[Signature]
President Seal

Fidelity and Deposit Company of Maryland

Surety Seal
 Salary Employee Commission

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.

May 22, 2013
Date

[Signature]
Agent 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.

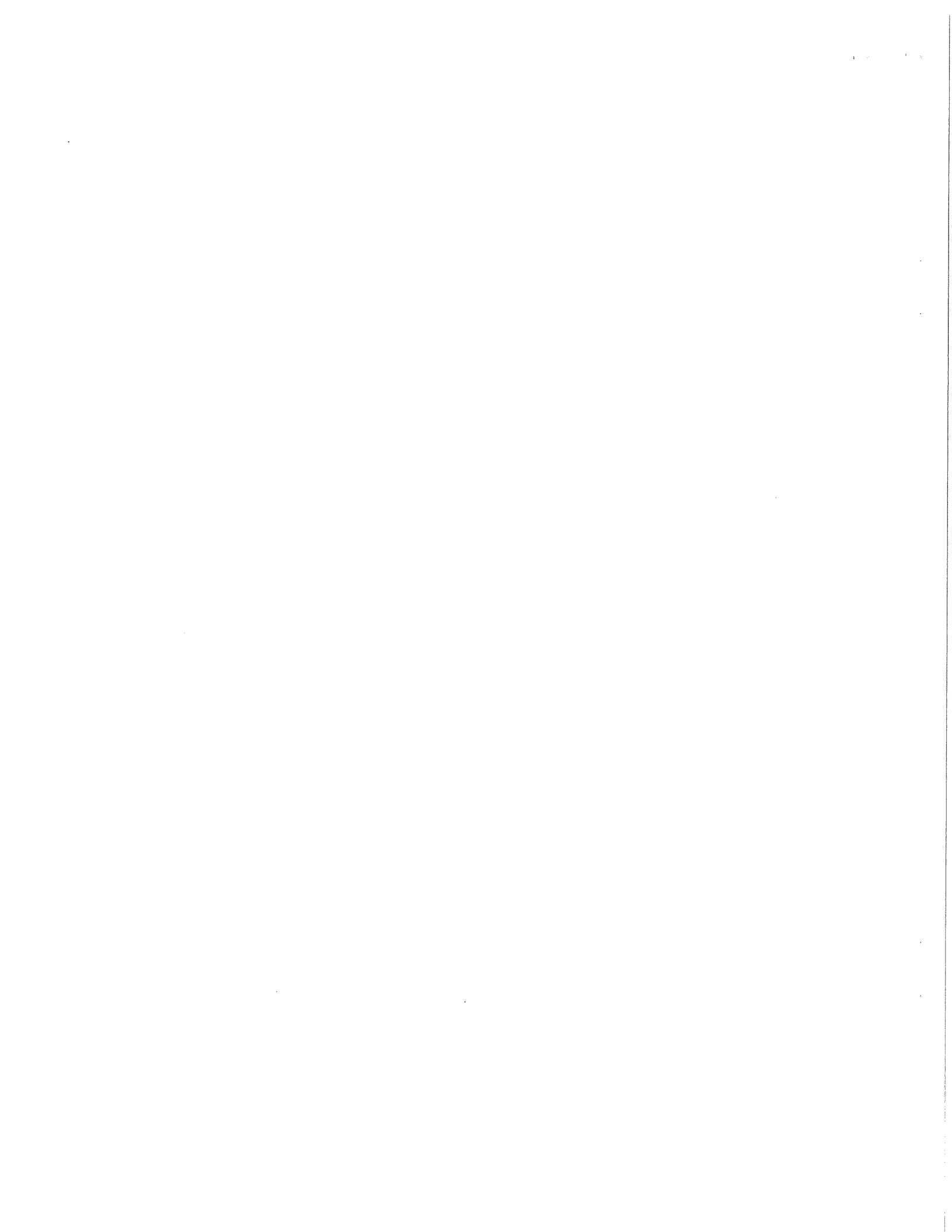
IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 22 day of May, 2013.



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

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

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

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

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

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

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

s. 66.0903 (11) LIABILITY AND PENALTIES.

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

BUILDING OR HEAVY CONSTRUCTION

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

SKILLED TRADES

<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		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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	Roofer 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				
<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) 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				
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u>	<u>HOURLY FRINGE BENEFITS</u>	<u>TOTAL</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				
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u>	<u>HOURLY FRINGE BENEFITS</u>	<u>TOTAL</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 <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</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> \$
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		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</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		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	17.54	13.85	31.39
204	Articulated, Euclid, Dumptror, 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		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</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
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	\$	\$	\$
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

<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 Waterproofor	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
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	\$	\$	\$
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	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				
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
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-eeo/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-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	\$	\$	\$
533	<p>Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Asphalt Heater, Planer & Scarifier; Asphalt Milling Machine; Asphalt Screed; Automatic Subgrader (Concrete); Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bituminous (Asphalt) Plant & Paver, Screed; Boatmen (NOT Performing Work on the Great Lakes); Boring Machine (Directional, Horizontal or Vertical); Bridge (Bidwell) Paver; Bulldozer or Endloader; Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Grout Pump; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Straddle Carrier or Travel Lift; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches & A-Frames.</p> <p>Future Increase(s): Add \$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>	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 <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
	<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

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	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