



Contract Routing Form

ROUTING: Urgent Rush

printed on: 02/08/2013

Contract between: Raymond P. Cattell, Inc.
and Dept. or Division: Engineering Division
Name/Phone Number: *Glen Y., 261-9177*

Project: East Washington Avenue and Livingston Street Intersection Improvements - 2013

Contract No.: 6906
Enactment No.: ~~RES-13-00083~~
Dollar Amount: 823,868.25

File No.: 28650
Enactment Date: 02/06/2013

(Please DATE before routing)

Signatures Required	Date Received	Date Signed
City Clerk	02/11/13	02/11/13
Director of Civil Rights	2/11/13	2/13/13 <i>[Signature]</i>
Risk Manager		2/14/13 <i>RZ</i>
Finance Director	2-14-13	2-14-13 <i>RZ</i>
City Attorney	²⁴⁹ 2-14-13	2-14-13
Mayor	2-14-13	2-14-13

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

Original + 2 Copies

81536906

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

1941



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<p>File #:</p> <p>Type:</p> <p>File created:</p> <p>On agenda:</p> <p>Enactment date:</p> <p>Title:</p> <p>Sponsors:</p> <p>Attachments:</p>	<p>28650 Version: 1</p> <p>Resolution</p> <p>12/19/2012</p> <p>2/5/2013</p> <p>2/6/2013</p> <p>Awarding Public Works Contract No. 6906, East Washington Avenue and Livingston Street Intersection Improvements - 2013.</p> <p><u>BOARD OF PUBLIC WORKS</u></p> <p><u>6906.pdf</u></p>	<p>Name:</p> <p>Status:</p> <p>In control:</p> <p>Final action:</p> <p>Enactment #:</p>	<p>Awarding Public Works Contract No. 6906, East Washington Avenue and Livingston Street Intersection Improvements - 2013.</p> <p>Passed</p> <p><u>BOARD OF PUBLIC WORKS</u></p> <p>2/5/2013</p> <p>RES-13-00083</p>
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[History \(3\)](#)
 [Text](#)

Fiscal Note

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

Title

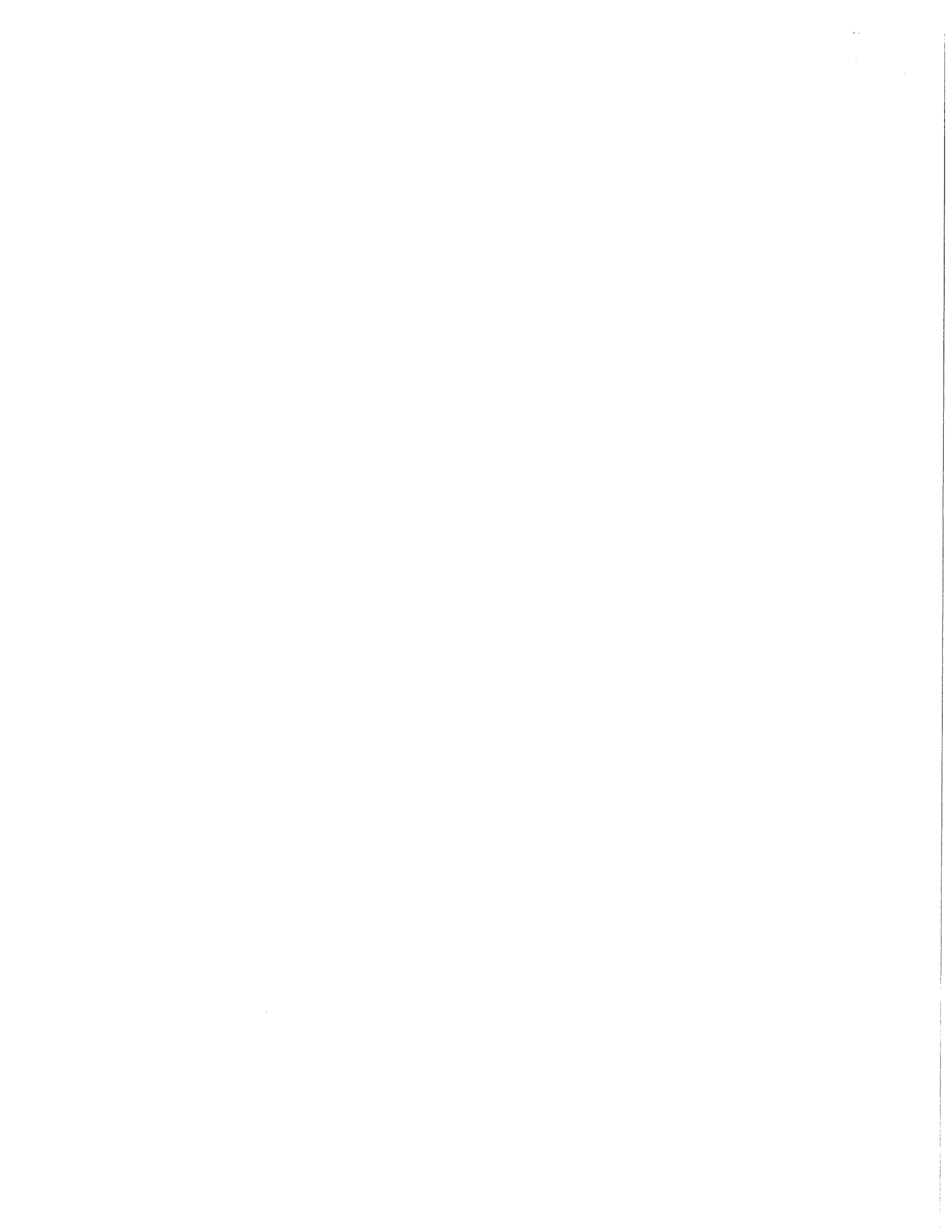
Awarding Public Works Contract No. 6906, East Washington Avenue and Livingston Street Intersection Improvements - 2013.

Body

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

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

See attached document (Contract No. 6906) for itemization of bids.



PROJECT

CONTRACTOR

AMOUNT OF BID

CONTRACT NO. 6906
EAST WASHINGTON AVENUE AND LIVINGSTON STREET INTERSECTION IMPROVEMENTS -
2013

RAYMOND P. CATTELL, INC.

\$823,868.25

Acct. No. CS53-58250-810370-00-53W1409-53TIF036	\$551,124.75
Contingency 8%±	44,090.00
Plan & Prep 15%±	<u>82,665.25</u>
Sub-Total	\$677,880.00
Acct. No. CS53-58270-810370-00-53W1409-53TIF036	\$67,490.00
Contingency 8%±	5,399.00
Plan & Prep 15%±	<u>10,121.00</u>
Sub-Total	\$83,010.00
Acct. No. ESTM-58270-810381-00-53W1409	\$78,633.00
Contingency 8%±	<u>6,287.00</u>
Sub-Total	\$84,920.00
Acct. No. CS53-58540-810370-00-53W1409-53TIF036	\$42,520.00
Contingency 8%±	3,402.00
Plan & Prep 15%±	<u>6,378.00</u>
Sub-Total	\$52,300.00
Acct. No. CS53-58545-810370-00-53W1409-53TIF036	\$24,538.50
Contingency 8%±	1,963.00
Plan & Prep 15%±	<u>3,678.50</u>
Sub-Total	\$30,180.00
Acct. No. EW01-58273-810455-00-53W1409	\$59,562.00
Contingency 8%±	<u>4,768.00</u>
Sub-Total	\$64,330.00
GRAND TOTAL	<u>\$992,620.00</u>

**Wisconsin Office of the Commissioner of Insurance
Licensed Producer Search***

Wednesday, February 6, 2013

HODEL, HEIDI M
BELLEVILLE WI

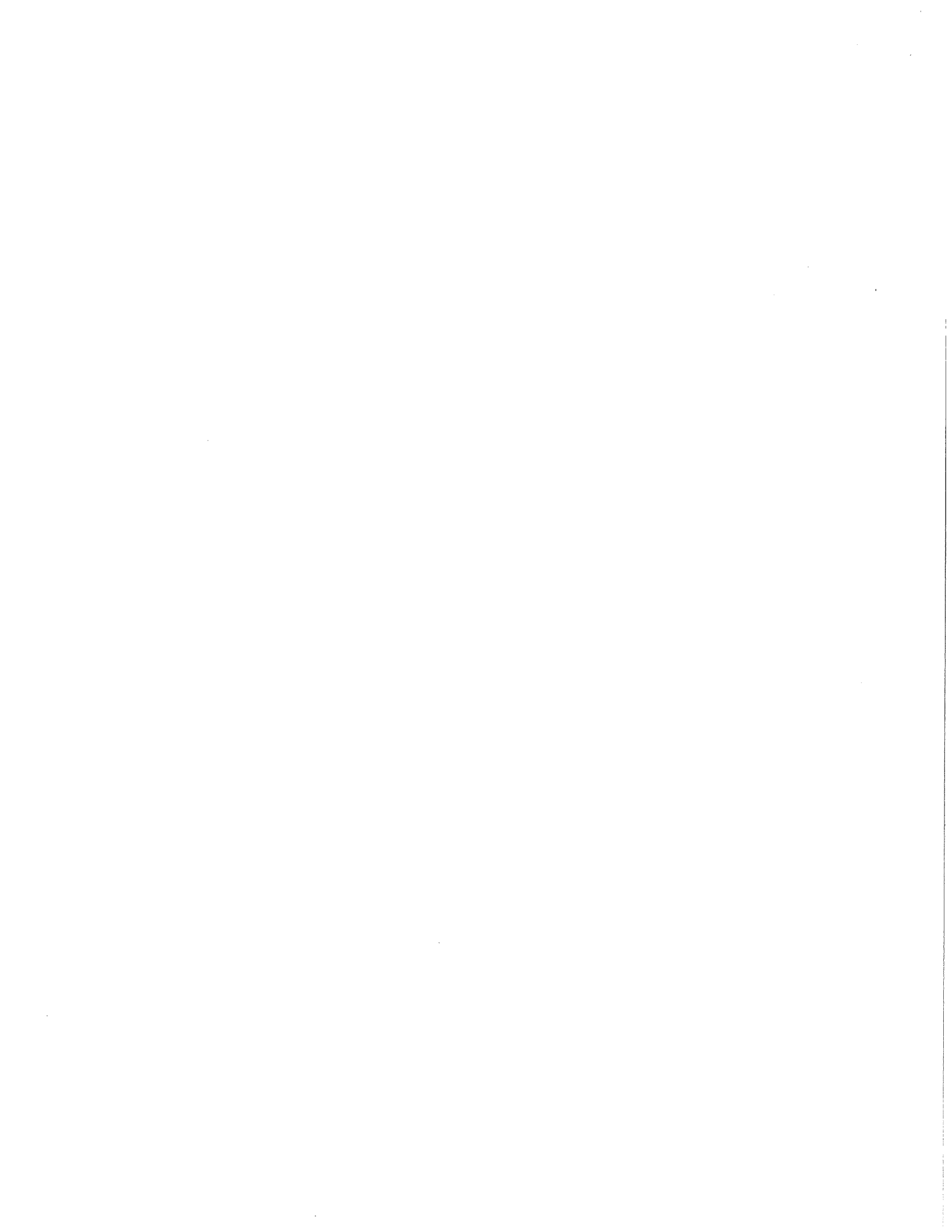
Year of Birth: 1968
Status: Active
License Number: 2380521
NPN**: 6529519
Effective Date: 10-07-1999
Expiration Date: 08-31-2013
License Type: Resident Intermediary Indv
CE Compliance: 08-31-2013

Lines of Authority

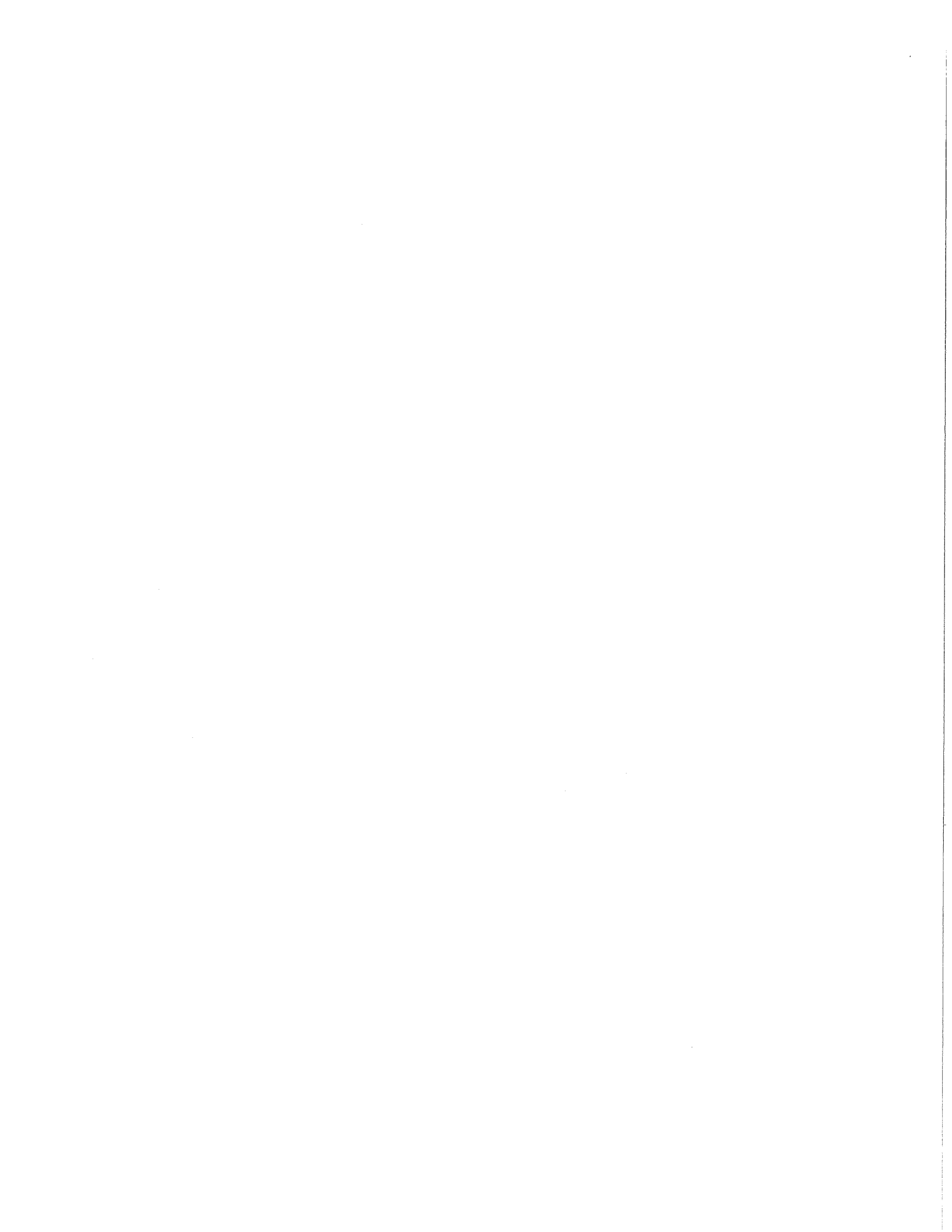
Line of Authority	Residency	Effective Date	Status
Property	Resident	10-07-1999	Active
Casualty	Resident	10-07-1999	Active

Appointments and Terminations

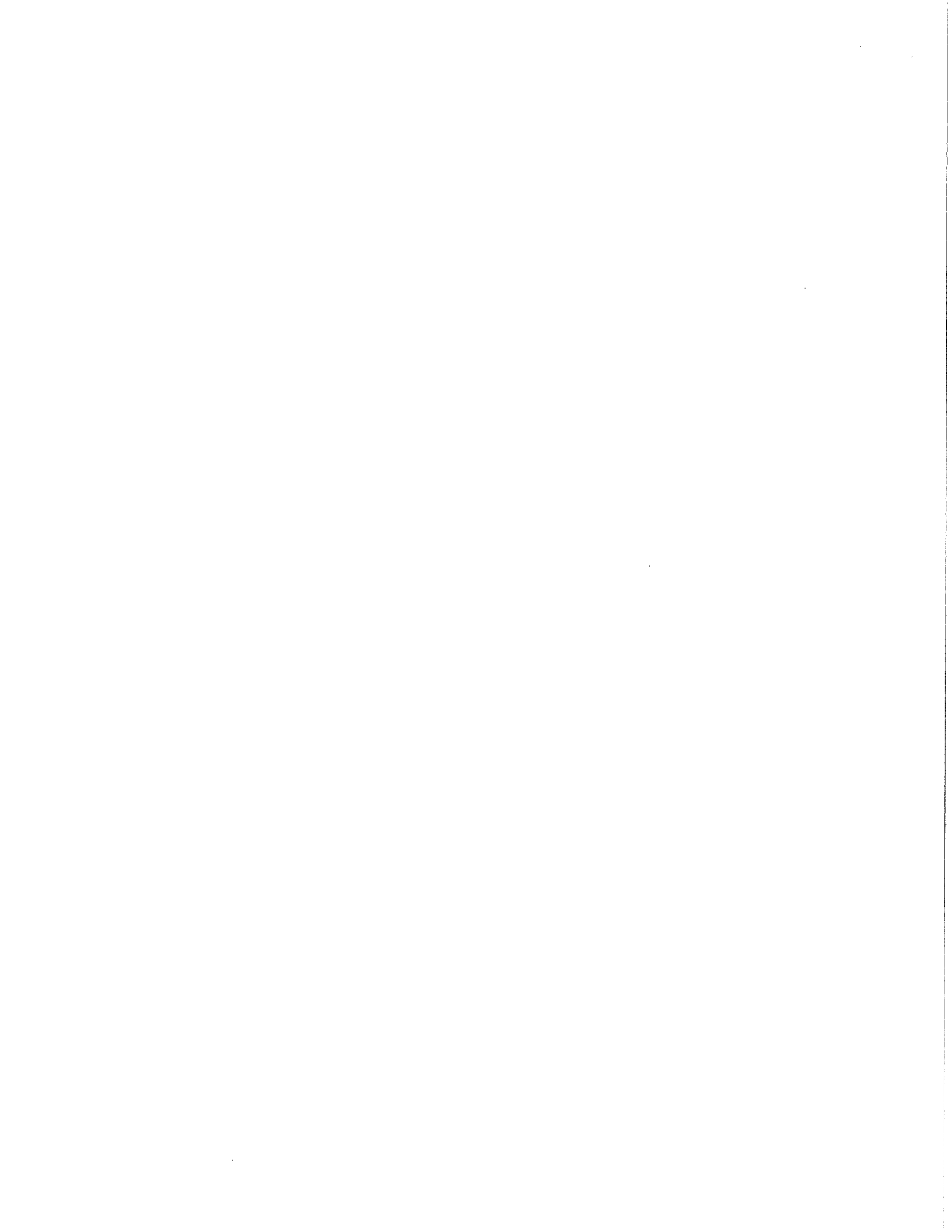
Company Name	Qualification Type/Status	Effective Date	Termination Date	Termination Reason
ACUITY, A Mutual Insurance Company	CAS/Active	10-26-1999		
	PROP/Active	10-26-1999		
American and Foreign Insurance Company	CAS/Inactive	11-21-2002	02-10-2005	Canceled
	PROP/Inactive	11-21-2002	02-07-2005	Canceled
American Automobile Insurance Company	CAS/Active	10-26-1999		
	PROP/Active	10-26-1999		
American Casualty Company of Reading, Pennsylvania	CAS/Active	01-09-2004		
	CAS/Inactive	05-17-2000	07-25-2002	Inadequate Production
	PROP/Active	01-09-2004		
American Fire and Casualty Company	PROP/Inactive	05-17-2000	07-25-2002	Inadequate Production
	CAS/Active	11-04-1999		
American Fire and Casualty Company	PROP/Active	11-04-1999		
	CAS/Active	10-28-1999		
American Guarantee and Liability Insurance Company	PROP/Active	10-28-1999		
	CAS/Active	10-26-1999		
American Insurance Company, The	PROP/Active	10-26-1999		
	CAS/Active	09-27-2008		
American States Insurance Company	PROP/Active	09-27-2008		



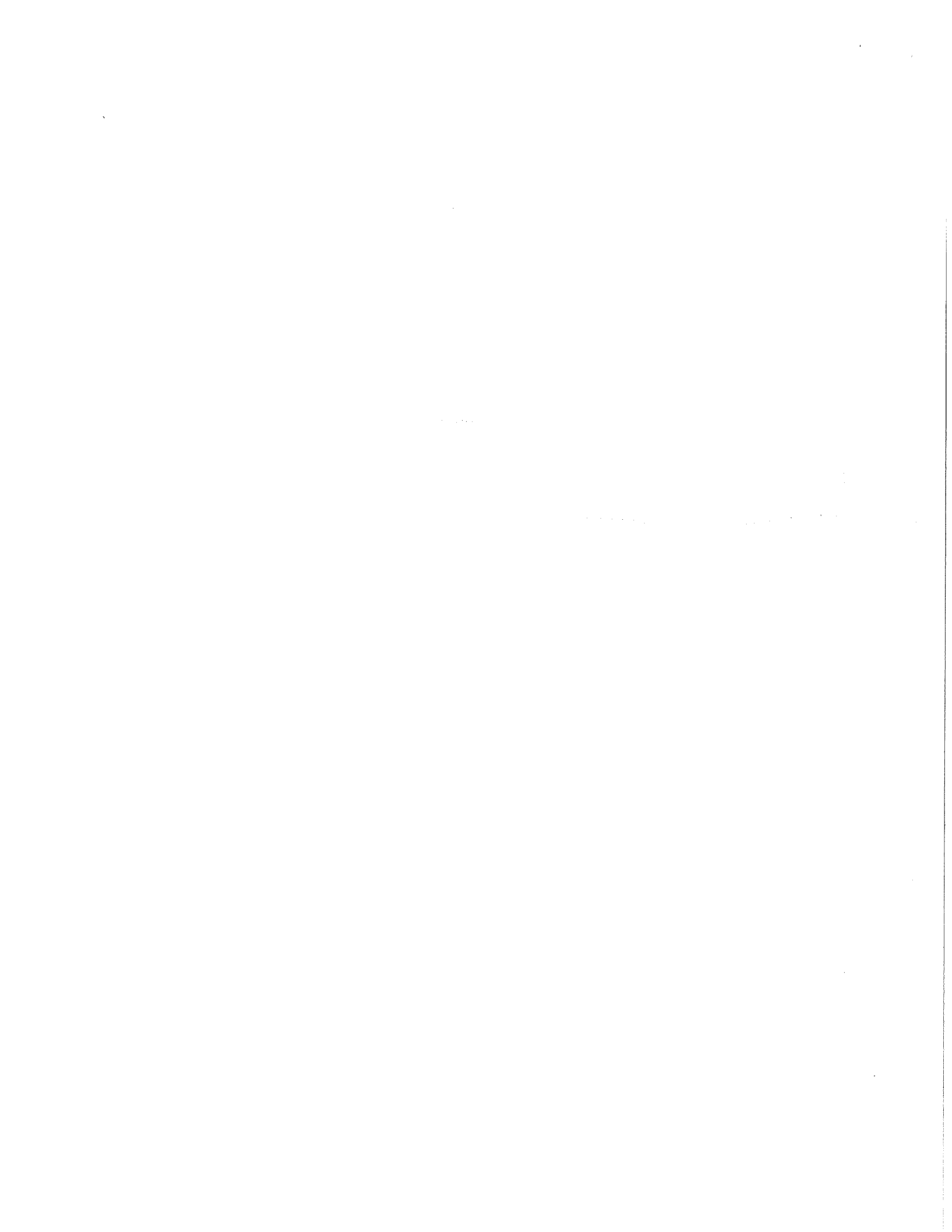
American Zurich Insurance Company	CAS/Active	10-28-1999			
	PROP/Active	10-28-1999			
Arrowood Indemnity Company	CAS/Inactive	11-21-2002	09-07-2007		Vol. Surrender per Agent Rqst
	PROP/Inactive	11-21-2002	09-07-2007		Vol. Surrender per Agent Rqst
Artisan and Truckers Casualty Company	CAS/Active	01-15-2008			
	PROP/Active	01-15-2008			
Associated Indemnity Corporation	CAS/Active	10-26-1999			
	PROP/Active	10-26-1999			
Automobile Insurance Company of Hartford, Connecticut, The	CAS/Inactive	06-14-2001	12-05-2009		Canceled
	PROP/Inactive	06-14-2001	12-05-2009		Canceled
Berkley Regional Insurance Company	CAS/Active	04-22-2005			
	PROP/Active	04-22-2005			
Capitol Indemnity Corporation	CAS/Active	10-29-1999			
	PROP/Active	10-29-1999			
Charter Oak Fire Insurance Company, The	CAS/Active	11-24-1999			
	PROP/Active	11-24-1999			
Chubb Indemnity Insurance Company	CAS/Active	11-23-1999			
	PROP/Active	11-23-1999			
Chubb National Insurance Company	CAS/Active	01-04-2005			
	PROP/Active	01-04-2005			
Connecticut Indemnity Company, The	CAS/Inactive	01-12-2000	02-10-2005		Canceled
	PROP/Inactive	01-12-2000	02-10-2005		Canceled
Consolidated Insurance Company	CAS/Active	10-18-2002			
	PROP/Active	10-18-2002			
Continental Casualty Company	CAS/Active	01-09-2004			
	CAS/Inactive	05-17-2000	12-27-2001		Inadequate Production
	PROP/Active	01-09-2004			
	PROP/Inactive	05-17-2000	12-27-2001		Inadequate Production
Continental Insurance Company, The	CAS/Active	02-24-2006			
	PROP/Active	02-24-2006			
Economy Fire & Casualty Company	CAS/Inactive	10-26-1999	11-03-2003		Inadequate Production
	PROP/Inactive	10-26-1999	11-03-2003		Inadequate Production



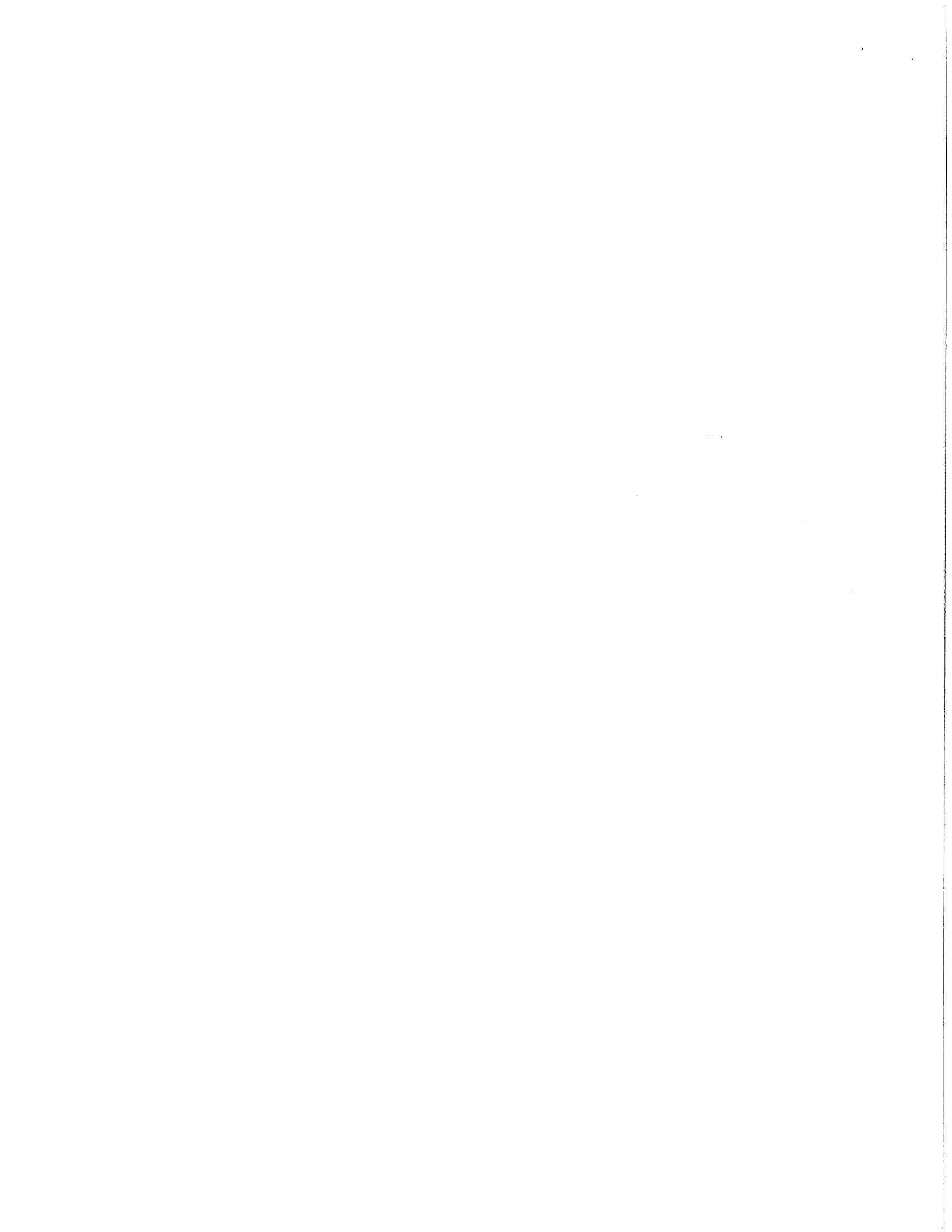
Economy Preferred Insurance Company	CAS/Inactive	10-26-1999	11-03-2003	Inadequate Production
	PROP/Inactive	10-26-1999	11-03-2003	Inadequate Production
Emcasco Insurance Company	CAS/Active	11-01-1999		
	PROP/Active	11-01-1999		
Employers Assurance Company	CAS/Active	02-11-2008		
Employers Insurance Company of Wausau	CAS/Inactive	09-03-2003	07-12-2011	Canceled
	PROP/Inactive	09-03-2003	07-12-2011	Canceled
Employers Mutual Casualty Company	CAS/Active	11-01-1999		
	PROP/Active	11-01-1999		
Employers Preferred Insurance Company	CAS/Active	02-11-2008		
Executive Risk Indemnity Inc.	CAS/Active	06-27-2000		
	PROP/Active	06-27-2000		
Fairmont Specialty Insurance Company	CAS/Inactive	09-25-2003	08-05-2005	Inadequate Production
	PROP/Inactive	09-25-2003	08-05-2005	Inadequate Production
Federal Insurance Company	CAS/Active	11-23-1999		
	PROP/Active	11-23-1999		
Fidelity and Guaranty Insurance Company	CAS/Inactive	10-26-1999	12-05-2009	Canceled
	PROP/Inactive	10-26-1999	12-05-2009	Canceled
Fidelity and Guaranty Insurance Underwriters, Inc.	CAS/Inactive	10-26-1999	12-05-2009	Canceled
	PROP/Inactive	10-26-1999	12-05-2009	Canceled
Fire and Casualty Insurance Company of Connecticut, The	CAS/Inactive	01-12-2000	02-10-2005	Canceled
	PROP/Inactive	01-12-2000	02-10-2005	Canceled
Fireman's Fund Insurance Company	CAS/Active	10-26-1999		
	PROP/Active	10-26-1999		
First Liberty Insurance Corporation, The	CAS/Inactive	01-22-2009	07-12-2011	Canceled
	PROP/Inactive	01-22-2009	07-12-2011	Canceled
First National Insurance Company of America	CAS/Active	09-27-2008		
	PROP/Active	09-27-2008		
General Casualty Company of Wisconsin	CAS/Active	10-28-1999		
	PROP/Active	10-28-1999		
General Insurance Company of America	CAS/Active	09-27-2008		
	PROP/Active	09-27-2008		



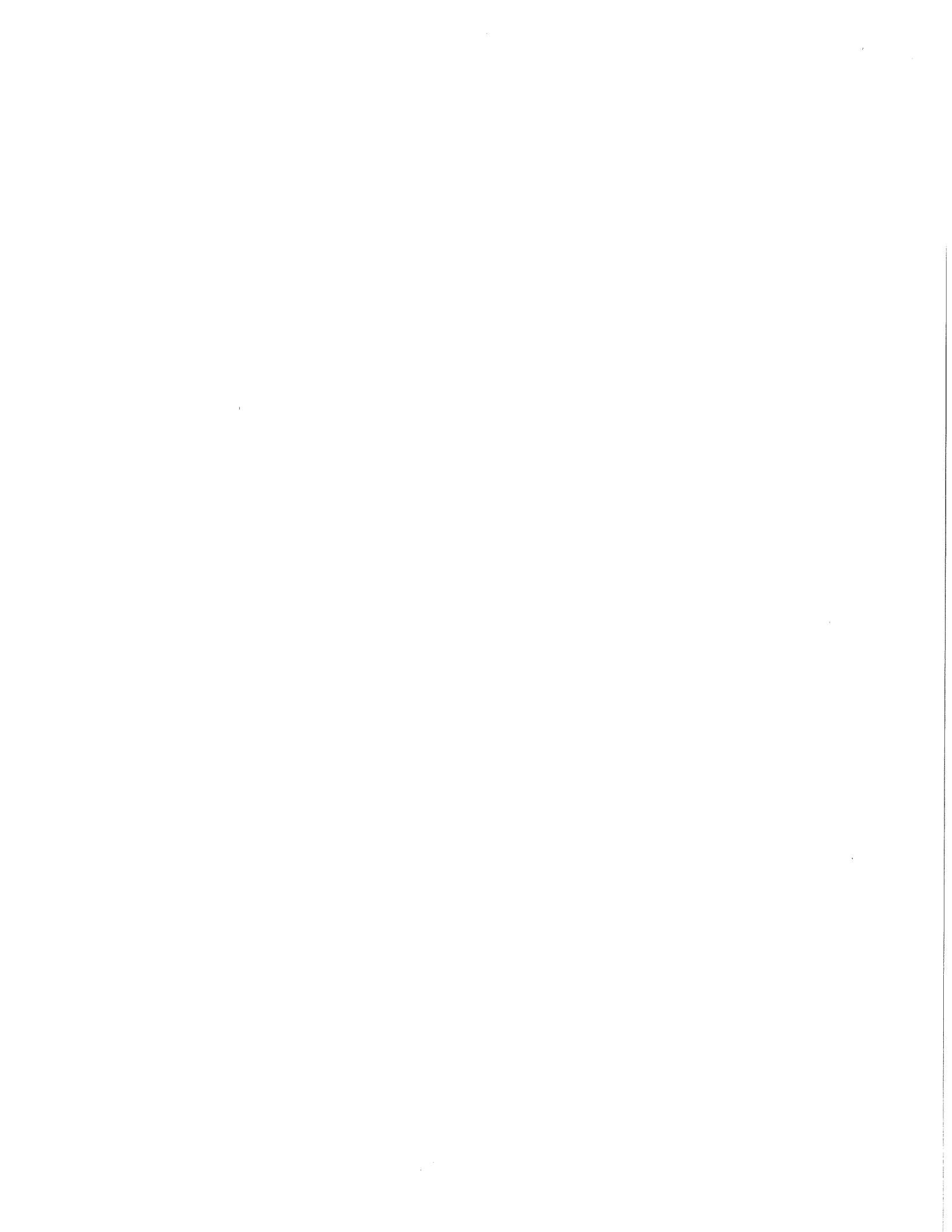
Globe Indemnity Company	CAS/Inactive	11-21-2002	02-07-2005	Canceled
	PROP/Inactive	11-21-2002	02-07-2005	Canceled
Great Northern Insurance Company	CAS/Active	11-23-1999		
	PROP/Active	11-23-1999		
Hallmark National Insurance Company	CAS/Inactive	07-26-2001	02-23-2004	Canceled
	PROP/Inactive	07-26-2001	02-23-2004	Canceled
Hartford Fire Insurance Company	CAS/Inactive	01-12-2000	10-05-2009	Canceled
	PROP/Inactive	01-12-2000	10-05-2009	Canceled
Hartford Insurance Company of the Midwest	CAS/Inactive	01-12-2000	10-31-2008	Canceled
	PROP/Inactive	01-12-2000	10-31-2008	Canceled
Hartford Underwriters Insurance Company	CAS/Inactive	01-12-2000	10-05-2009	Canceled
	PROP/Inactive	01-12-2000	10-05-2009	Canceled
Hawkeye-Security Insurance Company	CAS/Active	10-18-2002		
	PROP/Active	10-18-2002		
Illinois National Insurance Company	CAS/Active	12-14-1999		
	PROP/Active	12-14-1999		
Indiana Insurance Company	CAS/Active	10-18-2002		
	PROP/Active	10-18-2002		
Liberty Insurance Corporation	CAS/Inactive	01-22-2009	07-12-2011	Canceled
	PROP/Inactive	01-22-2009	07-12-2011	Canceled
Liberty Mutual Fire Insurance Company	CAS/Inactive	03-13-2006	07-12-2011	Canceled
	PROP/Inactive	03-13-2006	07-12-2011	Canceled
Liberty Mutual Insurance Company	CAS/Active	12-20-2012		
	CAS/Inactive	01-22-2009	07-12-2011	Canceled
	PROP/Inactive	01-22-2009	07-12-2011	Canceled
LM Insurance Corporation	CAS/Inactive	01-22-2009	07-12-2011	Canceled
	PROP/Inactive	01-22-2009	07-12-2011	Canceled
Markel American Insurance Company	CAS/Inactive	01-08-2003	03-02-2004	Canceled
	PROP/Inactive	01-08-2003	03-02-2004	Canceled
Markel Insurance Company	CAS/Inactive	03-31-2003	03-01-2004	Canceled
	PROP/Inactive	03-31-2003	03-01-2004	Canceled
Meridian Mutual Insurance Company	CAS/Inactive	11-04-1999	06-01-2001	Company Merger
	PROP/Inactive	11-04-1999	06-01-2001	Company Merger
Meridian Security Insurance Company	CAS/Inactive	07-26-2001	02-23-2004	Canceled
	PROP/Inactive	07-26-2001	02-23-2004	Canceled
MetLife Insurance	CAS/Inactive	11-24-1999	04-21-2003	Inadequate Production



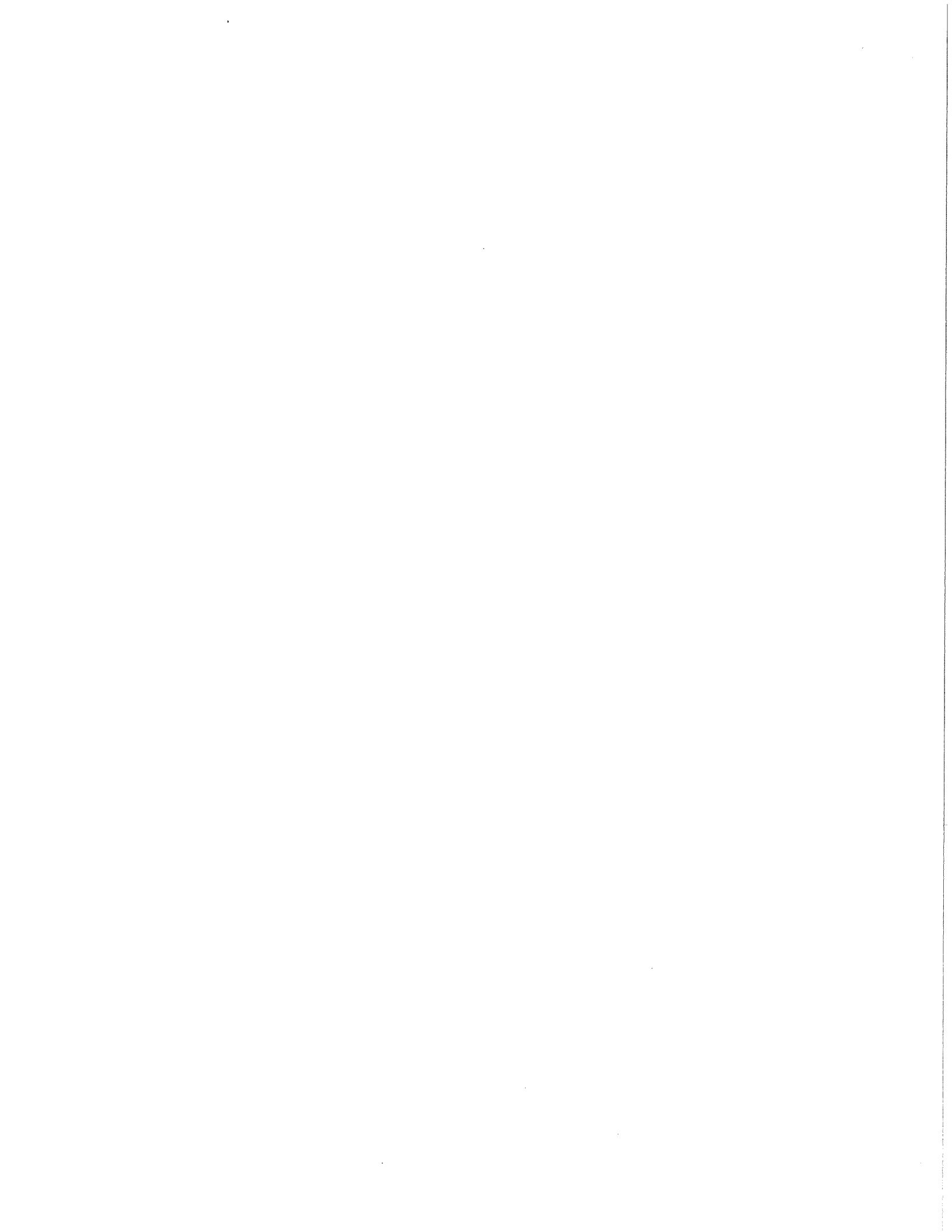
Company of Connecticut					
National Fire Insurance Company of Hartford	CAS/Active	01-09-2004			
	CAS/Inactive	05-17-2000	07-25-2002	Inadequate Production	
	PROP/Active	01-09-2004			
	PROP/Inactive	05-17-2000	07-25-2002	Inadequate Production	
National Surety Corporation	CAS/Active	10-26-1999			
	PROP/Active	10-26-1999			
Netherlands Insurance Company, The	CAS/Active	10-18-2002			
	PROP/Active	10-18-2002			
New Hampshire Insurance Company	CAS/Active	12-14-1999			
	PROP/Active	12-14-1999			
Ohio Casualty Insurance Company, The	CAS/Active	11-04-1999			
	PROP/Active	11-04-1999			
Ohio Security Insurance Company	CAS/Active	02-27-2007			
	PROP/Active	02-27-2007			
Pacific Indemnity Company	CAS/Active	11-23-1999			
	PROP/Active	11-23-1999			
Pacific Star Insurance Company	CAS/Inactive	10-26-1999	04-27-2001	Vol. Surrender per Agent Rqst	
	PROP/Inactive	10-26-1999	04-27-2001	Vol. Surrender per Agent Rqst	
Peerless Indemnity Insurance Company	CAS/Active	06-28-2004			
	PROP/Active	06-28-2004			
Peerless Insurance Company	CAS/Active	10-18-2002			
	PROP/Active	10-18-2002			
Phoenix Insurance Company, The	CAS/Active	11-24-1999			
	PROP/Active	11-24-1999			
ProAssurance Casualty Company	CAS/Active	11-22-2011			
ProAssurance Wisconsin Insurance Company	CAS/Inactive	08-07-2002	12-31-2011	Canceled	
	PROP/Inactive	08-07-2002	12-31-2011	Canceled	
Progressive Northern Insurance Company	CAS/Active	12-15-1999			
	PROP/Active	12-15-1999			
Regent Insurance Company	CAS/Active	10-28-1999			
	PROP/Active	10-28-1999			



Republic-Franklin Insurance Company	CAS/Active	07-14-2008		
	PROP/Active	07-14-2008		
Royal Insurance Company of America	CAS/Inactive	11-21-2002	02-08-2005	Canceled
	PROP/Inactive	11-21-2002	02-07-2005	Canceled
SAFECO Insurance Company of America	CAS/Active	09-27-2008		
	PROP/Active	09-27-2008		
SAFECO Insurance Company of Illinois	CAS/Active	09-27-2008		
	PROP/Active	09-27-2008		
Safeguard Insurance Company	CAS/Inactive	11-21-2002	02-10-2005	Canceled
	PROP/Inactive	11-21-2002	02-10-2005	Canceled
Seaboard Surety Company	CAS/Inactive	10-26-1999	02-17-2009	Canceled
	PROP/Inactive	10-26-1999	02-17-2009	Canceled
SECURA INSURANCE, A Mutual Company	CAS/Inactive	10-28-1999	11-01-2011	Canceled
	PROP/Inactive	10-28-1999	11-01-2011	Canceled
SECURA Supreme Insurance Company	CAS/Inactive	10-28-1999	11-01-2011	Canceled
	PROP/Inactive	10-28-1999	11-01-2011	Canceled
Security Insurance Company of Hartford	CAS/Inactive	01-12-2000	09-07-2007	Vol. Surrender per Agent Rqst
	PROP/Inactive	01-12-2000	09-07-2007	Vol. Surrender per Agent Rqst
SOCIETY INSURANCE, a mutual company	CAS/Active	10-28-1999		
	PROP/Active	10-28-1999		
St. Paul Fire and Casualty Insurance Company	CAS/Active	10-26-1999		
	PROP/Active	10-26-1999		
St. Paul Fire and Marine Insurance Company	CAS/Active	10-26-1999		
	PROP/Active	10-26-1999		
St. Paul Guardian Insurance Company	CAS/Active	10-26-1999		
	PROP/Active	10-26-1999		
St. Paul Mercury Insurance Company	CAS/Active	10-26-1999		
	PROP/Active	10-26-1999		
St. Paul Protective Insurance Company	CAS/Inactive	10-26-1999	04-21-2003	Vol. Surrender per Agent Rqst
	PROP/Inactive	10-26-1999	04-21-2003	Vol. Surrender per Agent Rqst
State Auto Insurance Company of Wisconsin	CAS/Inactive	07-26-2001	02-23-2004	Canceled
	PROP/Inactive	07-26-2001	02-23-2004	Canceled



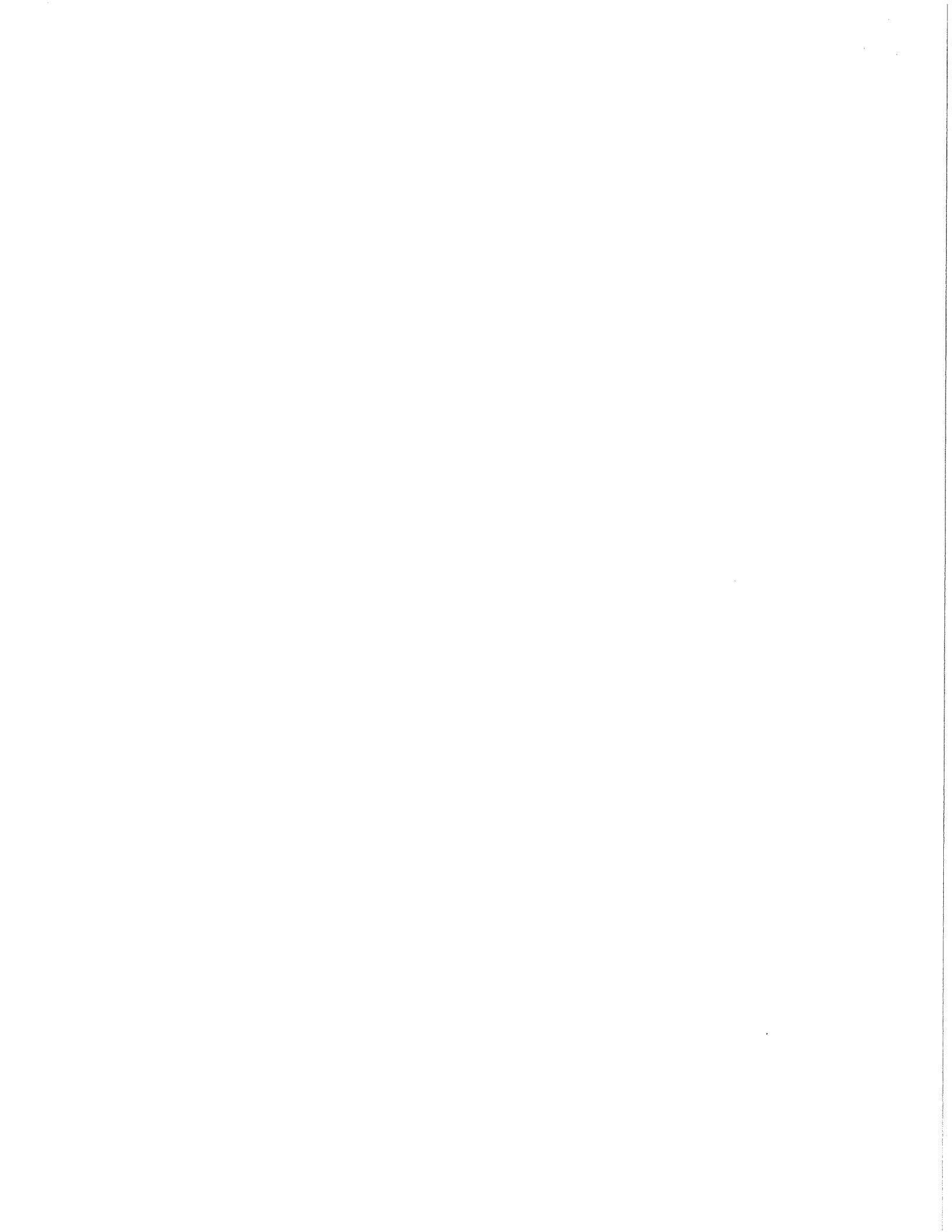
State Auto Property and Casualty Insurance Company	CAS/Inactive	07-26-2001	02-23-2004	Canceled
	PROP/Inactive	07-26-2001	02-23-2004	Canceled
State Automobile Mutual Insurance Company	CAS/Inactive	11-04-1999	02-23-2004	Canceled
	PROP/Inactive	11-04-1999	02-23-2004	Canceled
Transcontinental Insurance Company	CAS/Inactive	01-09-2004	01-14-2008	Canceled
	CAS/Inactive	05-17-2000	07-25-2002	Inadequate Production
	PROP/Inactive	01-09-2004	01-14-2008	Canceled
	PROP/Inactive	05-17-2000	07-25-2002	Inadequate Production
Transportation Insurance Company	CAS/Active	01-09-2004		
	CAS/Inactive	05-17-2000	07-25-2002	Inadequate Production
	PROP/Active	01-09-2004		
	PROP/Inactive	05-17-2000	07-25-2002	Inadequate Production
Travelers Casualty and Surety Company	CAS/Active	06-02-2000		
	PROP/Active	06-02-2000		
Travelers Casualty and Surety Company of America	CAS/Active	09-23-2010		
	PROP/Active	09-23-2010		
Travelers Casualty Insurance Company of America	CAS/Active	10-11-2007		
	PROP/Active	10-11-2007		
Travelers Commercial Insurance Company	CAS/Inactive	06-14-2001	12-05-2009	Canceled
	PROP/Inactive	06-14-2001	12-05-2009	Canceled
Travelers Constitution State Insurance Company	CAS/Inactive	10-26-1999	12-11-2003	Vol. Surrender per Agent Rqst
	PROP/Inactive	10-26-1999	12-11-2003	Vol. Surrender per Agent Rqst
Travelers Home and Marine Insurance Company, The	CAS/Active	07-25-2007		
	PROP/Active	07-25-2007		
Travelers Indemnity Company of America, The	CAS/Active	11-24-1999		
	PROP/Active	11-24-1999		
Travelers Indemnity Company of Connecticut, The	CAS/Active	11-24-1999		
	PROP/Active	11-24-1999		
Travelers Indemnity Company, The	CAS/Active	11-24-1999		
	PROP/Active	11-24-1999		
Travelers Property Casualty Company of America	CAS/Active	11-24-1999		
	PROP/Active	11-24-1999		



Twin City Fire Insurance Company	CAS/Inactive	01-12-2000	10-05-2009	Canceled
	PROP/Inactive	01-12-2000	10-05-2009	Canceled
United States Fidelity and Guaranty Company	CAS/Inactive	10-26-1999	12-05-2009	Canceled
	PROP/Inactive	10-26-1999	12-05-2009	Canceled
United Wisconsin Insurance Company	CAS/Inactive	11-15-1999	08-20-2010	Canceled
	PROP/Inactive	11-15-1999	08-03-2006	Canceled
Utica Mutual Insurance Company	CAS/Active	08-17-2000		
	PROP/Active	08-17-2000		
Valley Forge Insurance Company	CAS/Active	01-09-2004		
	CAS/Inactive	05-17-2000	07-25-2002	Inadequate Production
	PROP/Active	01-09-2004		
	PROP/Inactive	05-17-2000	07-25-2002	Inadequate Production
Venture Insurance Company	CAS/Inactive	10-28-1999	01-04-2006	Canceled
	PROP/Inactive	10-28-1999	01-04-2006	Canceled
Vigilant Insurance Company	CAS/Active	11-23-1999		
	PROP/Active	11-23-1999		
Wausau Business Insurance Company	CAS/Inactive	09-03-2003	07-12-2011	Canceled
	PROP/Inactive	09-03-2003	07-12-2011	Canceled
Wausau General Insurance Company	CAS/Inactive	09-03-2003	07-12-2011	Canceled
	PROP/Inactive	09-03-2003	07-12-2011	Canceled
Wausau Underwriters Insurance Company	CAS/Inactive	09-03-2003	07-12-2011	Canceled
	PROP/Inactive	09-03-2003	07-12-2011	Canceled
West American Insurance Company	CAS/Active	11-04-1999		
	PROP/Active	11-04-1999		
West Bend Mutual Insurance Company	CAS/Active	10-28-1999		
	PROP/Active	10-28-1999		
Western Surety Company	CAS/Active	10-19-2010		
Zurich American Insurance Company	CAS/Active	10-28-1999		
	PROP/Active	10-28-1999		
Zurich American Insurance Company of Illinois	CAS/Active	10-28-1999		
	PROP/Active	10-28-1999		

* 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.



\$823,868.25
ORIGINAL

BID OF RAYMOND P. CATTELL, INC.

2013

PROPOSAL, CONTRACT, BOND AND SPECIFICATIONS

FOR

**EAST WASHINGTON AVENUE AND LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013**

CONTRACT NO. 6906

IN

MADISON, DANE COUNTY, WISCONSIN

AWARDED BY THE COMMON COUNCIL
MADISON, WISCONSIN ON FEBRUARY 5, 2013

PLEASE RETURN PLANS AND SPECIFICATIONS TO:

**CITY ENGINEERING DIVISION
1600 EMIL STREET
MADISON, WISCONSIN 53713**

www.cityofmadison.com/business/pw

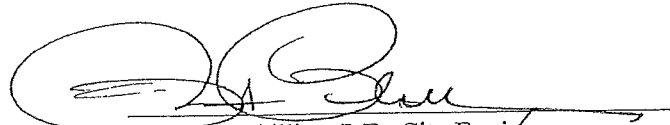
EAST WASHINGTON AVENUE AND LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013
CONTRACT NO. 6906

INDEX

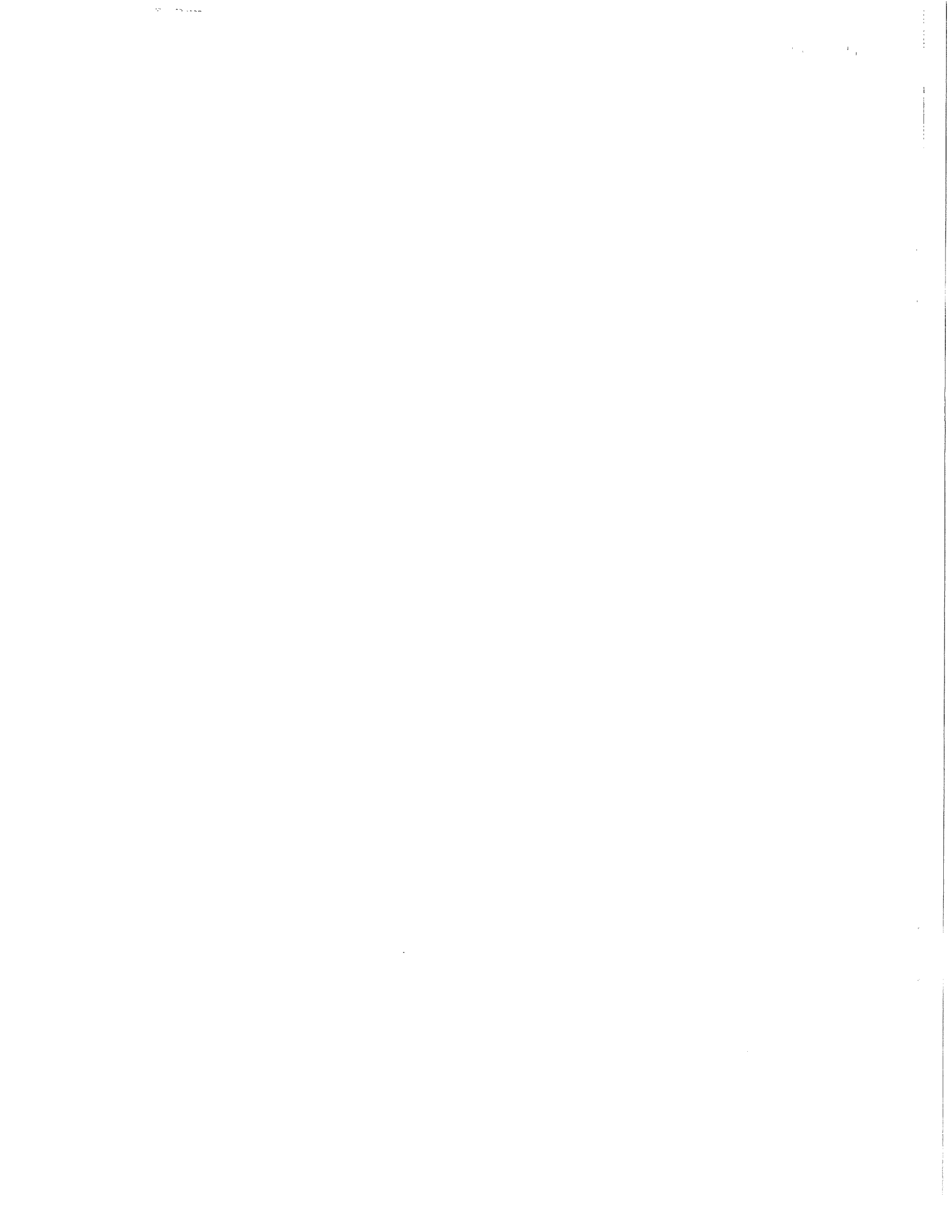
SECTION A: ADVERTISEMENT FOR BIDS.....A-1
SECTION B: INSTRUCTIONS TO BIDDERSB-1
SECTION C: SBE.....C-1
SECTION D: SPECIAL PROVISIONSD-1
SECTION E: PROPOSALE-1
SECTION F: BID BONDF-1
SECTION G: AGREEMENTG-1
SECTION H: PAYMENT AND PERFORMANCE BONDH-1
SECTION I: PREVAILING WAGE RATEI-1

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

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

A BEST VALUE CONTRACTING MUNICIPALITY

CONTRACT NO.	PROJECT NAME:
6906	EAST WASHINGTON AVENUE AND LIVINGSTON STREET INTERSECTION IMPROVEMENTS - 2013
SBE GOAL	11%

Plans and Specifications are available at 1600 Emil Street, Madison, WI 53713; 608-267-1197 or on our website at www.cityofmadison.com/business/pw/contracts/openforBid.cfm.

PREQUALIFICATIONS

Bidders who have not been prequalified by the City Engineer and Affirmative Action Director for the period of February 1, 2012 to January 31, 2013 must submit their application on or before 1:00 p.m., JANUARY 3, 2013, Room 115, City-County Building, Madison, WI 53703. Postmark is not applicable. Contractors be prequalified by the City Engineer including an affirmative action plan approved by the Affirmative Action Director prior to the bid opening or the bid will be rejected. Forms are available at the same location or on our website at www.cityofmadison.com/business/pw/forms.cfm.

PRE-BID MEETING

Representatives of the Affirmative Action Department will be present to discuss the Small Business Enterprise requirements on DECEMBER 21, 2012 at 1:00 PM at 1600 Emil Street, Madison Wisconsin.

OTHER REQUIREMENTS

Sealed bids 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.

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

Deadline for the Submittal of Bid is JANUARY 4, 2013 by 1:00 PM, at 1600 Emil Street, Madison, WI 53713.

Bid Opening will be on Thursday, JANUARY 10, 2013 at 1:30 PM at 1600 Emil Street, Madison, WI 53713.

REQUEST FOR BIDS FOR PUBLIC WORKS CONSTRUCTION FOR THE CITY OF MADISON, WISCONSIN

A BEST VALUE CONTRACTING MUNICIPALITY

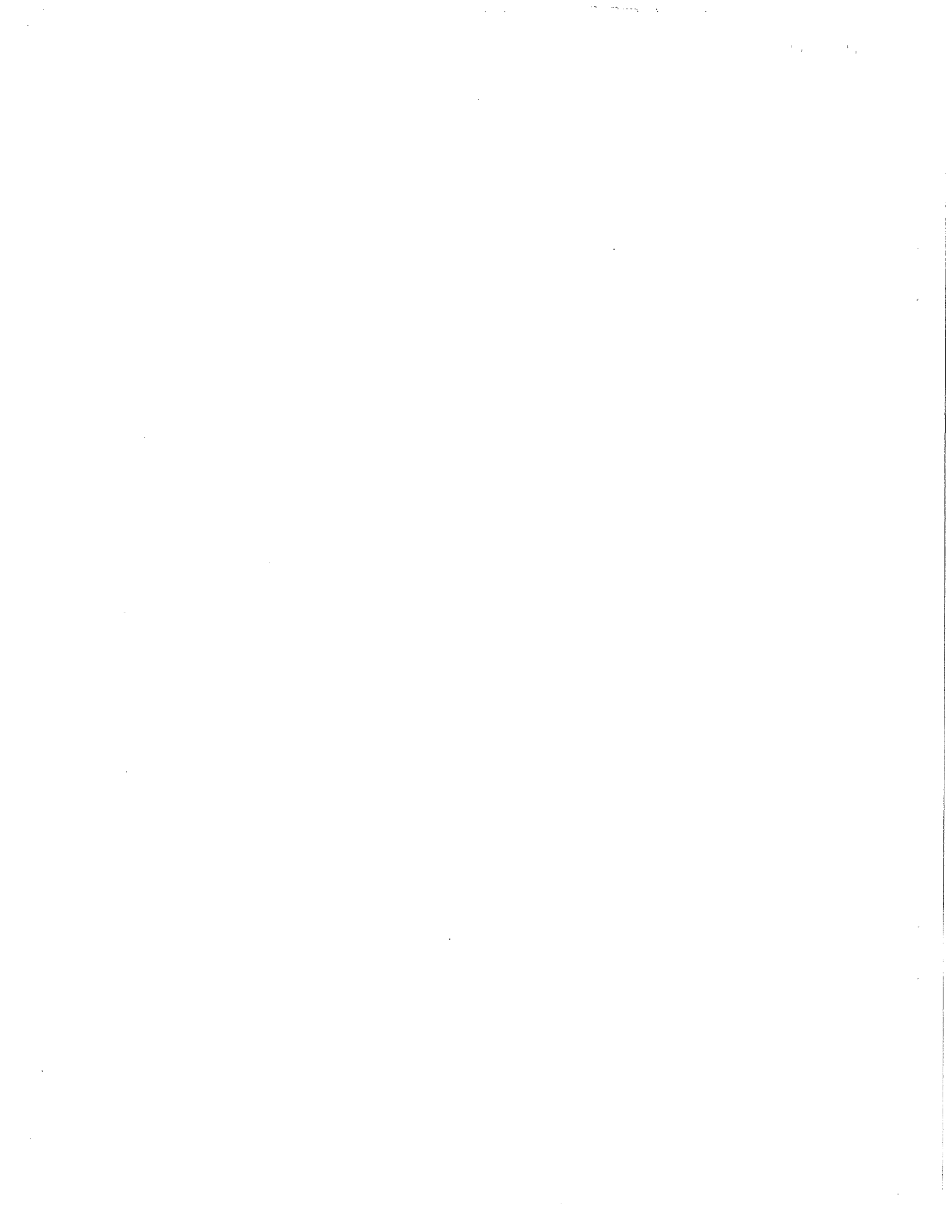
Plans and Specifications for Public Works Projects that are open for bid are available on the City of Madison website at <http://www.cityofmadison.com/business/PW/contracts/openforBid.cfm> or by calling City Engineering at 608-266-4751.

Sealed bids 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.

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

Bidders must be prequalified with the City Engineer and the Affirmative Action Director. Deadline date for submittal of application is noticed on our website. Forms are available on the web at <http://www.cityofmadison.com/business/pw/forms.cfm> or by contacting City Engineering at 608-266-4620

Publ. WSJ 12/7/12 & 12/14/12



SECTION B: INSTRUCTIONS TO BIDDERS

The City of Madison 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 at www.cityofmadison.com/Business/PW/specs.cfm or by contacting City Engineering Division, Room 115, City-County Building, 210 Martin Luther King Jr. Blvd., Madison, WI 53703.

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)1. of the Madison 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 Madison General Ordinances (entitled Affirmative Action) and as required by Section 102.11 of the Standard Specifications.

Section 102.4: Proposals

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 therefore 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. Proposals will be received at the place and until the hour on the date designated in the advertisement. When sent by mail, the sealed proposal marked as indicated above shall be enclosed in an additional envelope. Proposals sent by mail, submitted in person or otherwise delivered must be in the hands of the official conducting the letting by the hour on the date designated in the advertisement. Proposals received after the date designated will be returned to the bidder unopened.

The Bidder shall execute form ERD-7777 (R.9/03), a part of these proposal pages and submit same with the bidder's proposal, if applicable. REFER TO PROPOSAL SECTION.

Section 102.5: Bid Deposit (Proposal Guaranty)

No proposal shall be considered unless either (i) it is accompanied by a bid deposit of the character and amount described in the Advertisement for Bids or (ii) a biennial bid bond in an amount and form acceptable to the City of Madison has been previously submitted.

Bid deposits of unsuccessful bidders shall be returned following the award of the contract by the Common Council. Bid deposit of the successful bidders shall be returned within forty-eight (48) hours following execution of the contract and bond as required.

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. Concrete Work
- 221 Concrete Bases and Other Concrete Work
- 225 Dredging
- 230 Fencing
- 235 Fiber Optic Cable/Conduit Installation
- 240 Grading and Earthwork
- 242 Infrared Seamless Patching
- 245 Landscaping, Maintenance
- 250 Landscaping, Site and Street
- 251 Parking Ramp Maintenance
- 255 Pavement Sealcoating and Crack Sealing
- 260 Petroleum Above/Below Ground Storage Tank Removal/Installation
- 265 Retaining Walls, Precast Modular Units
- 270 Retaining Walls, Reinforced concrete
- 275 Sanitary, Storm Sewer & Water Main Const.
- 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
- 330 Traffic Control During Construction
- 320 Traffic Signals
- 325 Traffic Signing & Marking
- 335 Trucking
- 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
- 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: <http://www.dhs.wisconsin.gov/Asbestos/Cert/Index.htm>. State of Wisconsin Performance of Asbestos Abatement Certificate must be attached.
- 6 Other _____

SECTION C: SBE

Instructions to Bidders City of Madison SBE Program Information

2 Small Business Enterprise (SBE) Program Information

2.1 Policy and Goal

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

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

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

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

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

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

If the City of Madison determines that the SBE firm is performing a commercially useful function, then the City of Madison must then decide what that function is. If the

commercially useful function is that of an SBE vendor / supplier that regularly transacts business with the respective product, then the City of Madison will count 60% of the value of the product supplied toward SBE goals.

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

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

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

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

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

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

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

2.2 Contract Compliance

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

2.3 Certification of SBE by City of Madison

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

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

2.4 Small Business Enterprise Compliance Report

2.4.1 Good Faith Efforts

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

- 2.4.1.1 Attendance at the pre-bid meeting.
- 2.4.1.2 Using the City of Madison's directory of certified SBEs to identify SBEs from which to solicit bids.
- 2.4.1.3 Assuring that SBEs are solicited whenever they are potential sources.
- 2.4.1.4 Referring prospective SBEs to the City of Madison Affirmative Action Division for certification.
- 2.4.1.5 Dividing total project requirements into smaller tasks and/or quantities, where economically feasible, to permit maximum feasible SBE participation.
- 2.4.1.6 Establishing delivery schedules, where requirements permit, which will encourage participation by SBEs.
- 2.4.1.7 Providing SBEs with specific information regarding the work to be performed.
- 2.4.1.8 Contacting SBEs in advance of the deadline to allow such businesses sufficient time to prepare a bid.

- 2.4.1.9 Utilizing the bid of a qualified and competent SBE when the bid of such a business is deemed reasonable (i.e. 5% above the lowest bidder), although not necessarily low.
- 2.4.1.10 Contacting SBEs which submit a bid, to inquire about the details of the bid and confirm that the scope of the work was interpreted as intended.

2.4.2 Reporting SBE Utilization and Good Faith Efforts

The Small Business Enterprise Compliance Report is to be submitted by the bidder in a separate sealed envelope marked: "ENVELOPE 2 - SBE COMPLIANCE REPORT." 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.

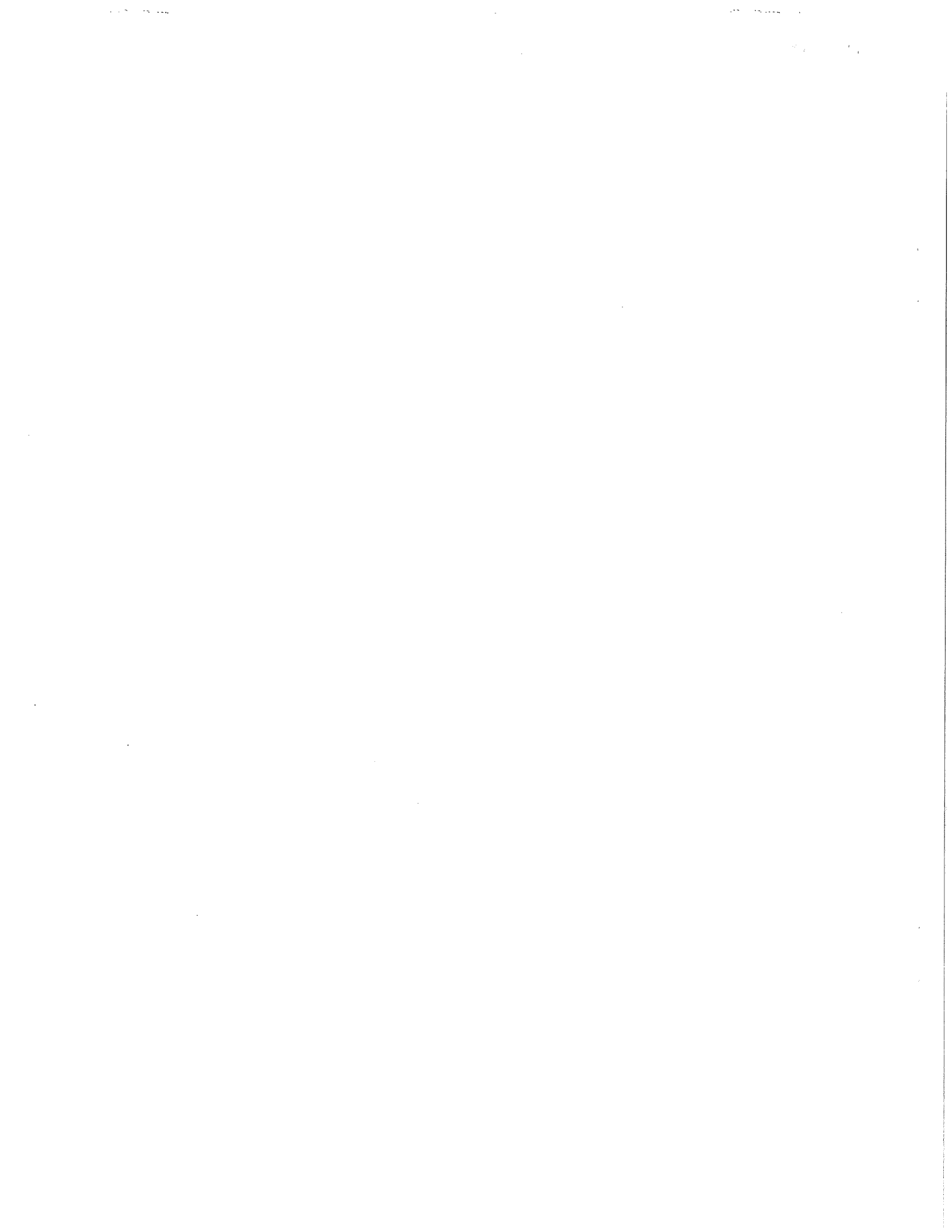
2.7 SBE Definition and Eligibility Guidelines

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.



EAST WASHINGTON AVENUE AND LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013
CONTRACT NO. 6906

Small Business Enterprise Compliance Report

Cover Sheet

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

Prime Bidder Information:

Company: _____

Address: _____

Telephone Number: _____ Fax Number: _____

Contact Person/Title: _____

Prime Bidder Certification:

I, _____, _____ of
Name Title

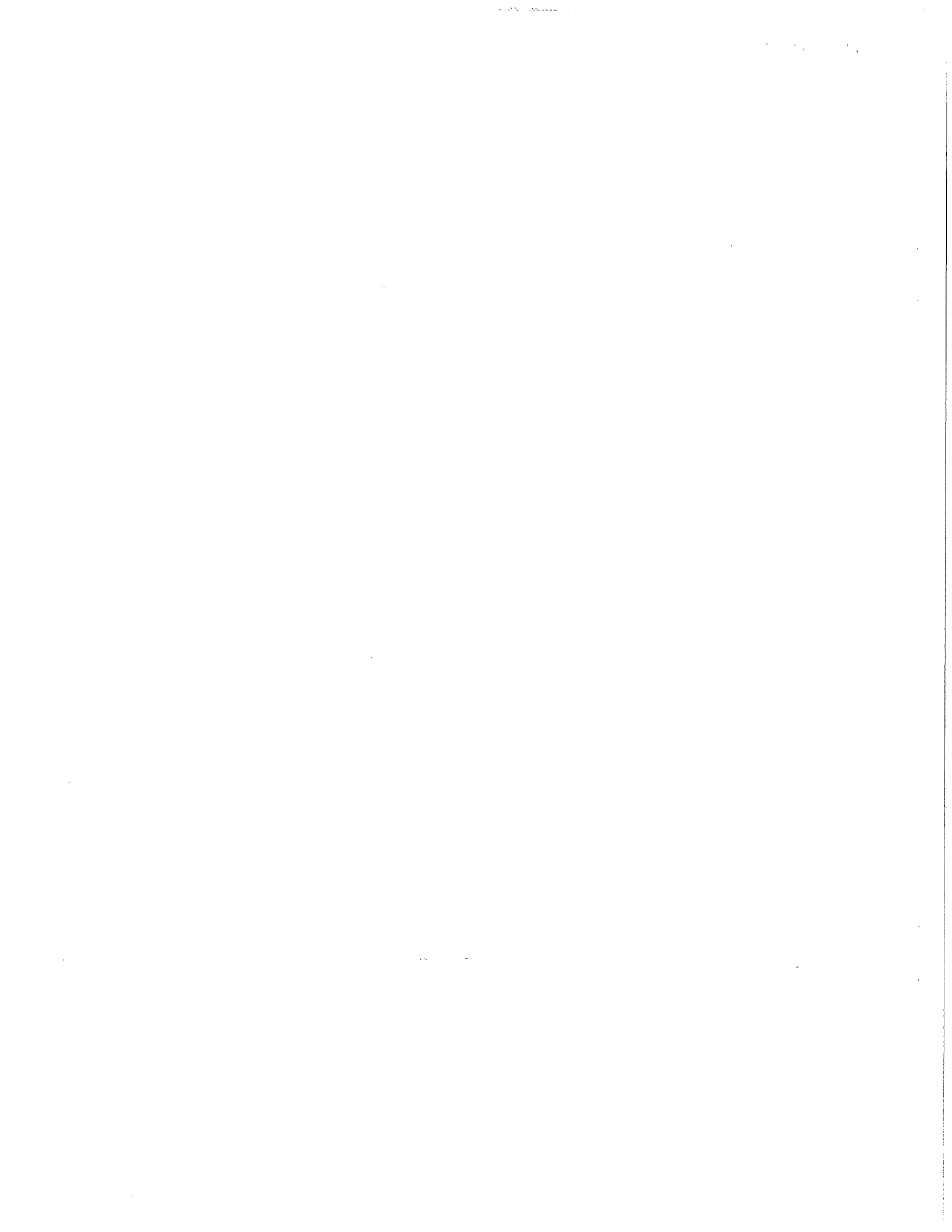
_____ certify that the information
Company

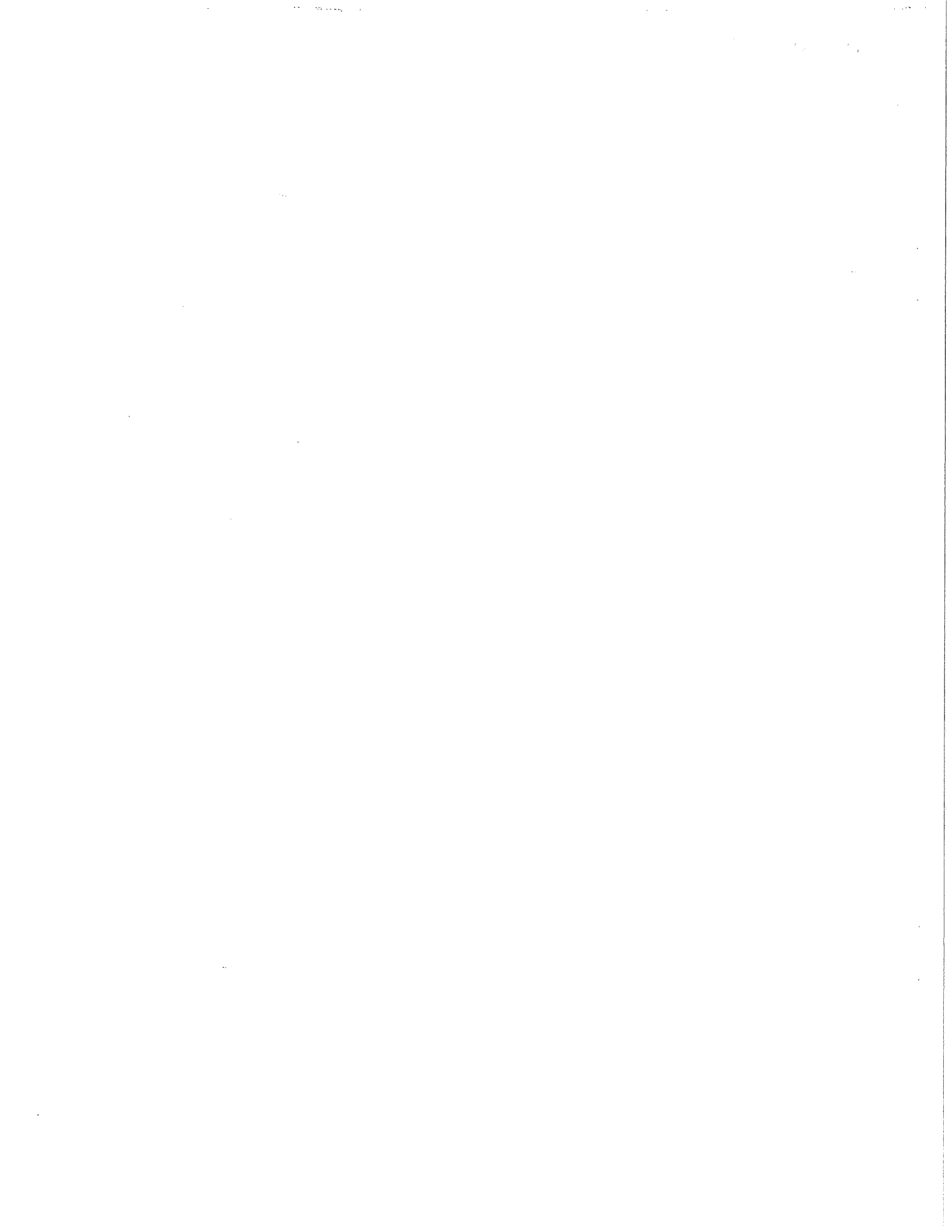
contained in this SBE Compliance Report is true and correct to the best of my knowledge and belief.

Witness' Signature

Bidder's Signature

Date





EAST WASHINGTON AVENUE AND LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013
CONTRACT NO. 6906

Small Business Enterprise Compliance Report

SBE Contact Report

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

EAST WASHINGTON AVENUE AND LIVINGSTON STREET INTERSECTION IMPROVEMENTS - 2013 CONTRACT NO. 6906

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. 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 relet 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 104 - SCOPE OF WORK

The project limits for the work to be done are on East Washington Avenue at the Livingston Street intersection. The existing intersection has a continuous raised median which restricts vehicular movements from crossing the median. The purpose of the project is to reconstruct the intersection to allow left-turning movements from E. Washington Avenue to Livingston Street. A storm sewer main will also be constructed from the existing storm sewer box in the eastbound lanes of E Washington Ave, extending north on N Livingston Street to the project limits. The project is approximately 800 feet in length.

The work under this contract shall include but not be limited to the relocation of water main, installation of storm sewer, street lighting, traffic signals, curb and gutter, base preparation, concrete pavement, topsoil placement and seeding and sidewalk replacement and repair.

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 104.6 DECREASED AND DELETED ITEMS

The electrical quantities include estimates for work that may or may not be required. If actual quantities are less than estimated, or if items are deleted from the contractor's work, the decreased quantities or deleted items shall not constitute the basis for a claim for damages for anticipated profits for the work dispensed with.

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 understands that work will be undertaken by others and also under other City contracts in approximately the same time frame and the same area as the proposed project. It shall be the Contractor's responsibility to verify this information and any subsequent changes in the scheduling of the work by others and in other City contracts and to make corrections in his/her construction timetable as required.

Construction activities for the private development of the adjacent property located at 10 N. Livingston Street will be ongoing throughout the duration of the project. Contractor shall coordinate construction with the private developer's agent, Chris Gosch, Bark Design, 608-333-1926 or chris@bark-design.com. As part of the private development agreement, the developer's contractor will be installing storm and sanitary lateral within the City street right-of-way. They will also be installing sidewalk and restoring the terrace along the E Washington Ave frontage of the property during the project.

Adjacent to the project limits on N. Livingston Street, the City will be contracting work for North Livingston Street improvements. The Contractor shall work closely with the adjacent project to complete the installation of the storm sewer and street improvements.

UTILITY COORDINATION

Work in this contract requires multiple utility relocations to install the new storm sewer main. Relocation of facilities shall be coordinated to be completed during the project.

In conjunction with the project, Madison Gas & Electric (MG&E) and American Transmission Company (ATC) will be installing facilities crossing East Washington Avenue. Installation of new private facilities shall be coordinated for each traffic control phase separately to expedite installation. The Contractor shall

install City utilities and remove all equipment and materials from each new private utility location during private utility installation work by others.

MGE and ATC plan to install gas and electric facilities in a joint trench arrangement within the construction limits of the project. The proposed MGE gas facility is a 12 inch diameter steel pipe. The proposed ATC electric facility is an eight inch diameter steel pipe. The proposed MGE electric facility is a concrete encased conduit package that will tie into an existing MGE electric manhole on the northwest corner of the E Washington and N Livingston St intersection. The preliminary design pending approval of the City of Madison Engineering will cross E Washington Ave with the centerline of the trench at approximately station 240+85. The overall trench width will be approximately 10'. The trench will extend from the construction limits on both the north and south side of E Washington Ave along station 240+85.

The top of the proposed facilities will be at approximately 36" below final grade with variation along the route to avoid conflict with other existing or new utilities. The concrete encased duct package will be approximately 3 feet wide by 5 feet high. MGE and ATC plan on trucking most the spoil off site during excavation and therefore will require dump truck access to the trench route at all times. In addition, MGE and ATC will require access along the trench for a concrete truck to encase the conduit package and for backfilling portions of the trench with fluidized thermal backfill. MGE and ATC plan to have an open trench during construction crossing all of the closed lanes of E Washington Ave per the staging plan. The joint MGE & ATC construction for Phase 3 traffic staging (east bound lanes closed) is estimated to take 2.5 weeks. The joint MGE and ATC construction for Phase 4 traffic staging (Median area closed) is estimated to take 1 week. The joint MGE & ATC construction for Phase 5 traffic staging (west bound lanes closed) is estimated to take 2.5 weeks. Due to the close proximity of the new 54 inch storm pipe installation to the MGE and ATC joint trench, it is not anticipated that construction activity on both facilities could be done simultaneously.

In addition to the new facilities as outlined above MGE and ATC have existing facilities within the project limits that will remain in service during construction. MGE Electric has an existing manhole and concrete encased conduit system that will remain in place and in service under the sidewalk on the north side of E Washington Ave. MGE gas has an existing 2 inch plastic main running under the sidewalk along the south side of E Washington Ave. ATC has an existing energized transmission line running along E Washington Ave approximately 10' south of the project centerline. Any excavation around these facilities will require the City of Madison contractor to provide support to prevent damage of these facilities. Contact MGE and ATC for additional assistance locating these facilities.

Project contacts for the private utility companies are:

Madison Gas & Electric (Gas)

Steve Beversdorf, P.E.: office (608) 252-1552, cell (608) 444-9620

Madison Gas & Electric (Electric)

Mark Bohm: office (608) 252-4730, cell (608) 516-7930

American Transmission Company

Chip Harper: office (608) 877-3634

The Contractor shall attend a preconstruction public informational meeting with interested area businesses and residents to inform them of the Contractors schedule and construction impacts.

The Contractor shall hold weekly progress meetings with the Engineer, affected utilities, contractors on adjacent projects and interested area businesses and residents. The progress meetings are intended to give

updates regarding the progression of work, timing and coordination with proposed private utility installation, and timing of various private developer activities. Contractor shall coordinate with City staff to determine the time and location of weekly project meetings.

SECTION 105.13 ORDER OF COMPLETION

The work undertaken with this contract shall be completed in a specific order to maintain traffic control and to minimize conflicts during proposed utility installation. The proposed traffic control phasing and general work description for each phase is shown in the traffic control plans and described in the Maintenance of Traffic specification.

SECTION 107.7 MAINTENANCE OF TRAFFIC

All signing and barricading 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.

A traffic control plan is provided in the plan set. The traffic control plan is a schematic representation of the traffic control. It shall not be considered to scale. The contractor shall not use the traffic control plan to represent quantity of drums. Drums shall be spaced per M.U.T.C.D. The contractor shall maintain all lanes shown on the traffic control plan except as noted below. Accomplish the construction sequence, including the associated traffic control as detailed in the traffic control section of the plans, and as described in this traffic article. Unless detailed in the plans, do not begin or continue any work that closes traffic lanes outside the allowed time periods specified in this article. Submit all traffic control change requests to the construction engineer at least 3 working days prior to an actual traffic control change. A request does not constitute approval.

Construction Phasing

The Contractor shall schedule operations so as to comply with the traffic control plans and the following general description of each construction phase.

Phase 1 Construction

Remove existing bump outs on north side of E Washington Ave at North Livingston St. Excavate, grade and place temporary pavement as shown in traffic control plan for later phase traffic operations.

Phase 2 Construction

Remove median, including curb and gutter, median concrete and planters. Excavate, grade and place temporary pavement in median as shown in traffic control plan for later phase traffic operations.

Phase 3 Construction

Complete construction on eastbound lanes of E Washington Ave. Remove concrete pavement, lower water main, construct storm sewer, electrical conduits and bases and all other work required in eastbound lanes of E Washington Ave. Construct final concrete pavement on the three east bound through lanes of E Washington Ave. Place permanent pavement markings on three through lanes of eastbound E. Washington Ave.

Phase 4 Construction

Complete utility construction in median area of E Washington Ave. Remove existing and temporary concrete pavement, construct storm sewer and electrical conduits to the project reference line. Replace temporary pavement for later phase traffic operations.

Phase 5 Construction

Construct utilities from project reference line to the northern project limits and construct two westbound through lanes and parking lane on the north side of E Washington Ave. Remove curb and gutter and concrete pavement. Excavate, grade and construct final concrete pavement on two westbound through lanes and parking lane on the north side of E Washington Ave.

Phase 6 Construction

Construct median, turn lanes and westbound median through lane on north side of E Washington Ave. Remove concrete pavement and temporary pavement. Complete storm sewer and electrical construction. Excavate, grade and construct median island and final concrete pavement in turn lanes and westbound median through lane on north side of E Washington Ave.

Phase 7 Construction

Reconstruct bump out in northwest quadrant of E Washington Ave and Livingston Street . Remove temporary pavement, excavate, grade and construct final concrete pavement and curb and gutter.

Side Street closures shall be in accordance with City of Madison Standard Detail Drawing 6.32

Traffic Control shall be measured as a lump sum. Payment for the Traffic Control is full compensation for constructing, assembling, hauling, erecting, re-erecting, maintaining, restoring, and removing non permanent traffic signs, drums, barricades, tubular markers and similar control devices, including arrow boards, for providing, placing, and maintaining work zone. Maintaining shall include replacing damaged or stolen traffic control devices. Temporary pavement markings and electronic message boards shall be paid for as separate bid items. Traffic control to install temporary or permanent pavement markings shall be included in the Traffic Control Lump Sum Bid Item. Contractor shall supply all necessary mounting hardware and supports for signing. This shall also include covering and uncovering any conflicting overhead signs during the project. Contractor shall display all signing so as to be easily viewed by all users. Contractor shall mount traffic control on posts or existing poles or drive posts whenever possible. Existing poles may be used with approval of Construction Engineer. The Traffic control lump sum bid item shall also include installing temporary no parking signs, supplying and installing additional stop signs. This project is located in a high traffic control theft area. Contractor shall inspect traffic control daily to insure all traffic control remains in place during the project.

The traffic control plan may need to be altered as conditions change in the field or as unexpected conditions occur. This shall include relocating existing traffic control or providing additional traffic control. This should be considered incidental to providing traffic control for the project.

The Contractor shall supply temporary stop signs at any location where a permanent stop sign needs to be removed or is no longer affective due to traffic being shifted per the traffic control plan.

Tubular markers used to separate traffic in opposite directions shall be per WISDOT S.D.D. 15C-11. Tubular markers used to shift traffic and placed between traffic operating in the same direction shall be white in color with yellow reflective tape.

Contractor at all times shall have a minimum of 75 traffic barrels available, not in use, stored on the job site to account for daily modifications to the traffic control. At no time shall barrels be moved from other locations within the project. This shall be considered incidental to the traffic control lump sum bid item.

Peak hours shall be defined as Monday through Friday between the hours of 7 A.M. and 9 A.M. and 3 P.M. to 6 P.M.

Contractor shall at all times have an appropriately equipped flagger at any location where construction equipment or trucks are leaving the jobsite and entering the normal traffic flow.

Type A warning lights shall be installed on all barricades used in the project per State of Wisconsin S.D.D. 15C2-4B. Contractor shall also place Type C warning lights on any barrels used to taper traffic or lane closures.

All vehicular travel lanes shall be maintained at existing widths at all locations as shown in the traffic control plan. Contractor shall maintain turning radii where right or left turns are allowed per the traffic control plan. Turning radii at a minimum shall be adequate for a WB-50 size semi to make the turn and larger vehicles where necessary as determined by the construction engineer.

All temporary inlet or structure plating for traffic control phasing shall be considered incidental to the traffic control bid item.

Maintain Access to all properties along East Washington Avenue at all times. This includes local residents, businesses and emergency vehicles. Maintain and keep open the access to all driveways and parking lots where alternative access is not available at all times, except when it is absolutely necessary to close them for the purpose of storm sewer, sanitary sewer electrical, and water main construction. Contractor shall provide 72-hour notice to affected businesses and prior to closing a driveway. The contractor shall provide proper traffic control to close any driveway that cannot be maintained. The Contractor shall notify (48 hour minimum notice) all residents within the construction limits of this project if the vehicular access is to be cut off to their property.

Contractor shall place portable changeable message boards at least one week in advance of the start of work and also one week in advance of traffic control stage switches, notifying the public of the start of construction and upcoming traffic pattern switches. One portable changeable message board will be required for each direction of traffic on E Washington Ave. Contractor shall locate the portable changeable message boards as directed by the Engineer.

Contractor shall notify the City of Madison Police Department, Fire Department, Madison Metro, and Traffic Engineering 48 hours in advance of all switchovers of traffic lanes and closures of streets. Notifications must be given by 4:00 P.M. on Thursday for any such work to be done on the following Monday. Notify Madison Metro one week prior to traffic switches, street closures, and reopening the road to through traffic for bus routing. Madison Metro contact is Tim Sobota (608) 261-4289.

Maintain sidewalk at all times on one side of East Washington, at all times and both sides whenever possible. If sidewalk must be closed for construction purposes, contractor shall insure that sidewalk on opposite side of the street is open and that all crosswalks at the end of the closed sidewalk block are fully open. Contractor shall insure that all businesses are accessible from at least one end of a block at all times. Sidewalks shall be fully open during non-working hours except where necessary to enable sidewalk to cure. In areas of sidewalk construction, provide a temporary surface for pedestrian access at all times. The temporary surface shall meet Americans with Disabilities Act Accessibility Guidelines (ADAAG) requirements and shall consist of temporary asphaltic surface, any grade of concrete, skid resistant steel plating, or alternative material as approved by the Construction Engineer. Gravel or base course material is not acceptable. Maintaining Sidewalk is considered incidental to the contract. Contractor shall maintain sidewalk access to all businesses at all times.

Construction equipment and materials are not to be stored within the street right-of-way that is open to traffic during non-working hours.

Contractor shall supply temporary metal no parking signs in accordance with the Manual on Uniform Traffic Controls (MUTCD). Signs shall be installed in the terrace using drive posts. Signs shall be installed and verified by police department in accordance with the Madison Police Departments Guidelines for temporary no parking restrictions for construction or special events.

Contractor is responsible for obtaining and installing temporary no parking signs to facilitate traffic control plan or as necessary to complete the work within the contract. The contractor shall contact John Villareal with the City of Madison Parking Utility (608-267-8756) at least 3 working days prior to needing the signs. Contractor shall post signs in accordance with the City of Madison Police Department Guidelines for temporary no parking restrictions for construction or special events. The guidelines can be found at the link listed below. This shall be considered incidental to the traffic control lump sum bid item.

http://www.cityofmadison.com/business/pw/documents/guidelines_temporarynoparkingrestrictions.pdf

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 2 working days 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. The contractor shall notify The City of Madison Traffic Engineering Field Operations, 1120 Sayle Street, 266-4767 upon completion of final landscaping to have permanent signs reinstalled. The contractor shall expect a minimum of seven working days to have permanent signs reinstalled. The contractor shall leave in place all necessary traffic control until given notice by the construction engineer that permanent signing is in place and temporary traffic control may be removed.

SECTION 109.2 PROSECUTION OF WORK

The Contractor shall begin work on or before **MARCH 4, 2013**. The total time of completion of the contract shall be **ONE HUNDRED TEN (110)** calendar days.

The Contractor shall limit workdays to 7:00 a.m. to 7:00 p.m. unless approved by the Engineer in writing.

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

ARTICLE 201 EXCAVATION CUT

Work under this section shall be accomplished in accordance with the Standard Specifications and as modified herein.

The base course material beneath the existing lanes of E Washington Avenue is to remain in place. Excavation cut quantities are calculated based on excavation of the existing median area, excavation in existing bumpout areas and excavation in areas of street widening beyond the existing street structure.

The volume of concrete pavement removal is not included in the Excavation Cut quantity. Concrete pavement removal shall be paid under Bid Item 20321 - Remove Concrete Pavement.

BID ITEM 20233 – RIPRAP FILTER FABRIC, TYPE HR

Riprap filter fabric shall be used as a separation barrier between the bottom of 54" RCP sewer main trench excavation and bottom of pipe embedment material. Riprap filter fabric shall also be used as a separation barrier between manhole excavation for S-1 and manhole bedding stone.

BID ITEM 20506 – ADJUST SAS CASTING

This bid item shall include both sanitary sewer and storm sewer access structure casting adjustments.

BID ITEM 21051 – CLEAN SUMP

At locations for each of the storm sewer manhole/inlet to SAS casting reconstructions, the sumps of the catch basins shall be cleaned after completion of reconstruction.

ARTICLE 401 CRUSHED AGGREGATE BASE COURSE

The where required, base course material shall be placed on the same day as the existing stone base is removed.

The Contractor shall maintain a minimum of six (6") inches of stone base course (existing or new) on all portions of the roadway open to vehicle access. No additional compensation will be given for stone used to maintain the six (6") required for access.

Crushed stone base course shall be used for bringing temporary ramps to grade. This material shall be reused after ramp is removed.

The material commonly known as crusher run or breaker run shall be used in undercut areas as designated by the Engineer.

BID ITEM 40403 10-INCH CONCRETE PAVEMENT

Bid Item 10-Inch Concrete Pavement shall be furnished and installed in accordance with Article 404 – Concrete Pavement of the Standard Specifications and as hereinafter provided.

ALL concrete design mixes shall be such that the concrete achieves a strength of at least 3,000 psi in forty-eight (48) hours. The concrete design mix shall be submitted to the Engineer for approval prior to pouring of concrete. The opening of ALL pavement to traffic (both temporary and permanent) shall be controlled by cylinder tests, and shall be no earlier than forty-eight (48) hours, unless the cylinders meet the 3000 psi requirement.

ARTICLE 501 SEWER AND SEWER STRUCTURES GENERAL

STORM SEWER GENERAL

The designer of this project is Eric Dundee (266-4913).

Storm sewer work will consist of the installation of a 54" storm sewer main at little or no grade and replacement and adjustment of various storm sewer and storm sewer structures within the project limits. The project will also include the removal of select storm sewer and storm sewer structures within the project limits.

All temporary inlet plating for traffic control phasing shall be considered incidental to the traffic control bid item. Maintaining inlet drainage at existing median low points shall be paid under Bid Item 90035-Maintain Inlet Drainage.

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 or her convenience deems it more suitable to remove the existing pipe to a full joint, the additional pipe and concrete collar required to reconnect to the new structure shall be the contractor's responsibility and shall not be compensated.

If there are structures where the pipe walls are to be poured into the structure roof of 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.

BID ITEM 50202 – DEWATERING TYPE II

Work under this bid item shall include Dewatering Type II shall be completed and measured in conformance the City of Madison Standard Specifications for Public Works Construction- 2013 Edition utilizing point wells for dewatering. The existing East Washington Avenue box culvert connectivity to and close proximity to the Yahara River, it is expected that the storm sewer as well as the pipe embedment will be full of water. If the work area is not adequately dry with pumping utilizing the point well system and using storm water controls within the existing storm sewer, the contractor shall place a barrier of impermeable material: bentonite in the storm sewer trench or a 10' wide clay barrier dam around the existing storm sewer at the east and west limits of the project. Dewatering Wells and the potential placement of barriers around the storm sewer shall be considered incidental to this bid item. Placing of pumps into the trench regardless of pumping rate shall be considered conventional trench dewatering and not Dewatering Type II. Conventional trench dewatering will be considered incidental to the installation of sewer main.

All WDNR permitting necessary for Type II dewatering is the responsibility of the contractor. The Contractor shall note that the discharge generated by Dewatering Type II may contain low levels of contamination based on historical property use in this area. WDNR permitting for Dewatering Type II may require a Wisconsin Pollutant Discharge Elimination System (WPDES) permit. It is anticipated if the WDNR requires a WPDES permit, the discharge will likely be required to be routed to the sanitary sewer system. The Contractor is responsible to obtain all permits and comply with the conditions of those permits as prescribed by WDNR.

All installation and removal of point wells for each phase of the project's traffic control plan shall be included within this item.

All storm water control within the existing storm sewer system shall be considered as a separate bid item and will be paid under the special bid item STORM CONTROL PLAN AND IMPLEMENTATION.

METHOD OF MEASUREMENT

DEWATERING TYPE II shall be measured as a lump sum bid item.

BASIS OF PAYMENT

DEWATERING TYPE II shall be paid for at the contract price for work as described and measured above including all work, materials, labor and incidentals required to complete the work set forth in the description.

SECTION 601

ELECTRICAL, GENERAL REQUIREMENTS

The existing lighting poles, conduits, handholes, and manholes not scheduled for removal or abandonment shall be protected during construction. If the contractor believes that damage to such facilities is unavoidable, the contractor shall not damage or remove any facilities until the City Traffic Engineering electrical inspector has reviewed and approved such actions. Any damage or removal of City electrical conduit, wire, fiber, or structures, without the specific approval by the City Traffic Engineering electrical inspector shall be promptly repaired or replaced by and at the expense of the contractor. The City may elect to do repair work with City crews. The cost for any repair work done by the City will be billed to the contractor.

Any damage or removal of City street lighting facilities shall be repaired or replaced within 24 hours, but any resulting street light outage resulting from such damage or removal shall be confined to as few numbers of street lights as possible. The streetlight circuits shall remain operational each and every night. If any street light outage continues beyond 24 hours, the City shall have the right to make temporary or permanent repairs, with the full cost of such work, including engineering time, billed to the general contractor.

The City of Madison Traffic Engineering Division will install new signal poles as necessary and install wire for new traffic signal operation. The contractor shall install and maintain streetlighting equipment to keep lighting operating during construction as described in bid item 90204.

Unless a street light pole or base is specifically designated for removal, it shall be saved. Unless a manhole, handhole or conduit is specifically designated for removal, it shall be saved.

The Contractor shall remove and reinstall streetlights as shown on the plan sheets and described in these special provisions.

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.

ITEM	Quantity
3/4" x 19" Anchor Bolts	32

SECTION 602.3(d) ELECTRICAL CONDUCTORS

Existing street light conductors shall be saved and reused whenever possible. Any existing wire that is damaged or removed by the contractor when it could have been reused shall be replaced by the contractor at no expense to the City. All work associated with saving and reusing existing wire or removing existing wire from conduit is incidental to associated conduit, wire, and base construction items.

SECTION 602.4(b) ELECTRICAL CONDUIT

Item 60241, Gopher Raceway, shall include any and all work associated with determining locations of existing utilities, such as underground locates. Item 60241 shall include raceways created by pushing, gophering or boring. The measured quantity will only include distances installed directly underneath curb and gutter, roadway, and sidewalk sections that are not removed or constructed with this project. Minor alterations in conduit location may be made by the City Traffic Engineering Electrical Inspector to avoid gopher installation.

Where curb and gutter is being replaced, the new conduit to be installed parallel to the curb and gutter shall be placed according to the Typical Conduit Installation detail shown on the plan sheet. When existing utilities preclude placing conduit as shown in the detail, the conduit shall be placed under the curb or as close to the curb as possible.

When curb and gutter is not being replaced, the new conduit to be installed parallel to the curb and gutter shall be placed in the roadway, three feet from the edge of gutter, and as approved by the City Traffic Engineering Electrical Inspector.

Entering existing manholes shall be made by watertight methods. The cost for drilling holes in manholes and resealing such openings after the conduit is installed shall be considered incidental to the electrical conduit bid item.

ARTICLE 604 BASES FOR STREET LIGHTING UNITS

The bid item for "Construct Street Light Base Special" (LB-SP) shall include cutting exiting conduit and wire, pulling back and saving existing wire as noted, and extending existing conduit and wire into each new base where streetlight conduit and /or wire already exists. Existing street light conductors shall be saved and reused as indicated on the plan or by the City Traffic Engineering Electrical Inspector. Any existing wire that is damaged or removed by the contractor when it could have been reused shall be replaced by the contractor at no expense the City. All work associated with installing conduit connection between existing conduit and new base, saving and reusing existing wire or removing existing wire from conduit is incidental the bid item for LB-SP base.

The bid item for Remove Street Light Pole shall include storage of the light units, including base shroud, pole, arm and luminaire in a safe area until reinstalled under bid item 60501, Install City Furnished Street Light Unit.

ARTICLE 607 ELECTRICAL HANDHOLES

The contractor shall furnish Type I and III, V, and VII handholes conforming to this section and the Standard Detail Drawings. Electrical Handhole, Type I shall be gray colored polymer concrete construction. Box dimensions for Type I shall be 19" wide X 32" long X 24" deep and come with a cover rated to withstand 15,000 lbs over a 10" square with a minimum test load of 22,568 lbs. Electrical Handhole, Type VII, shall be gray colored polymer concrete construction. Box dimensions shall be 30" wide by 48" long by 36" deep. The box and cover shall be rated at 15,000 lbs over a 10" square with a minimum test load of 22,568 lbs.

SECTION 701 PROVISIONS FOR WATER INSTALLATION AND ABANDONMENT

This project consists of furnishing and installing 16-inch ductile iron water main on East Washington Avenue and 10-in ductile iron water main on North Livingston Street at their intersection. The project also includes abandoning the existing water main within the project limits and the installation and removal of a temporary flushing hydrant. Note that the proposed water main is be installed in the same corridor as the existing water main and lowered to accommodate the proposed 54-in storm pipe. All removals of existing water main or any abandoned utilities required to install the proposed main shall be incidental to the installation of proposed water main.

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

Cut-in Connection at Station 10+57.4

The cut-in 10-in 45-degree bend connection called out at Station 10+57.4 on Livingston Street shall be field adjusted to tie into the existing main. It is likely that the connection to the existing main will require removal of the existing 10-in x 12-in offset. The profile view on Sheet W-2 shows the approximate location and configuration of pipe and fittings of the existing 10-in main. All work done to make the connection shall be incidental to the cut-in connection bid item (#70405).

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

SECTION 702 MATERIALS

Furnish all materials, labor and equipment necessary to complete this project except tapping sleeves, tapping valves and tapping valve boxes. Water Utility will furnish the tapping sleeves, tapping valves, tapping valve boxes, and the crew to perform the taps.

SECTION 703 CONSTRUCTION METHODS

Perform all work in accordance with these provisions and the City of Madison Standard Specifications, current edition. Keep all valves accessible and functioning throughout the duration of the work or as directed otherwise by the Water Utility representative.

WATER UTILITY GENERAL NOTES FOR SPECIFIC WORK:

- WN1 Replace the existing lead service with a new copper service.
- WN2 Extend and reconnect the existing copper service to the new water main.
- WN3 Existing service to be abandoned when 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.
- WN20+See Water Impact Plan for connection point isolation and water shut-off notification information.

BID ITEM 90001 – PAVED SURFACE TEMPORARY, CONCRETE PAVEMENT

DESCRIPTION

This work shall include all work, materials, labor and incidentals necessary to construct a minimum 8-inch thick concrete pavement with a minimum 4-inch crushed stone base suitable for use as temporary motor vehicle access during the construction. Preparation for the Paved Surface Temporary, Concrete Pavement is included with this item including excavation or fill and crushed stone as needed. The Contractor shall be responsible for maintaining the temporary pavement and all components with no additional compensation.

It is anticipated that because of the early seasonal start time of this contract, hot mix asphalt will not be available to utilize as temporary pavement, therefore the use of Paved Surface Temporary, Concrete Pavement may be required. If hot mix asphalt is available to be utilized as temporary pavement throughout the duration of the contract, Paved Surface Temporary, Concrete Pavement may not be required.

In areas where Paved Surface Temporary, Concrete Pavement is installed adjacent to existing concrete pavement that is designated to remain in place, an approved bond breaker shall be installed to allow for later removal of the Paved Surface Temporary, Concrete Pavement so as to prevent damage to the existing concrete pavement.

Removal and disposal of the Paved Surface Temporary, Concrete Pavement and all related components, upon no longer needing the surface, shall be incidental to this item. Restoration of the areas of the Paved Surface Temporary will be paid for under respective bid items.

METHOD OF MEASUREMENT

Paved Surface Temporary, Concrete Pavement shall be measured by the square yard acceptably installed.

BASIS OF PAYMENT

Paved Surface Temporary, Concrete Pavement measured as described above shall be full payment for all work, materials and incidentals required to complete the work in accordance with the description.

BID ITEM 90002 – PAVED SURFACE TEMPORARY, ASPHALT PAVEMENT

DESCRIPTION

This work shall include all work, materials, labor and incidentals necessary to construct a 4-inch minimum thick HMA pavement with a minimum 8-inch crushed stone base suitable for use as temporary motor vehicle access during the construction. Preparation for the Paved Surface Temporary, Asphalt Pavement is included with this item, including excavation or fill and crushed stone as needed. The Contractor shall be responsible for maintaining the temporary pavement and all components with no additional compensation.

It is anticipated that because of the early seasonal start time of this contract, hot mix asphalt may not be available to utilize as temporary pavement, therefore the use of Paved Surface Temporary, Concrete Pavement may be required. If hot mix asphalt is available to be utilized as temporary pavement throughout the duration of the contract, Paved Surface Temporary, Asphalt Pavement may be used for all temporary pavements. It is anticipated that during later phases of the project, hot mix asphalt will be available to be utilized as temporary pavement.

Removal and disposal of the Paved Surface Temporary, Asphalt Pavement and all related components, upon no longer needing the surface, shall be incidental to this item. Restoration of the areas of the Paved Surface Temporary will be paid for under respective bid items.

METHOD OF MEASUREMENT

Paved Surface Temporary, Asphalt Pavement shall be measured by the square yard acceptably installed.

BASIS OF PAYMENT

Paved Surface Temporary, Asphalt Pavement measured as described above shall be full payment for all work, materials and incidentals required to complete the work in accordance with the description.

BID ITEM 90003 – TEXTURED AND COLORED CONCRETE SIDEWALK 5”

DESCRIPTION

This special provision describes furnishing and installing Textured and Colored 5-Inch Concrete Sidewalk, complete and accepted in place, including base materials, sealer and samples in accordance with Article 303 of the Standard Specifications, and the plans, details, and as hereinafter provided.

MATERIALS – GENERAL

At least fifteen working days prior to the start of textured and colored concrete installation, supply one 4 foot x 4-foot panel sample of the textured and colored concrete. Obtain approval from the Engineer for the final color and stamp pattern prior to placing any colored imprinted concrete in the field.

The sample shall become the property of the City of Madison upon completion of this project.

WATER EVAPORATIVE REDUCER (CON FILM)

Use a water evaporative reducer to hold in the bleed water for the dry shake color hardener application. The water evaporative reducer shall be Dayton Superior Sure Film (J-74), Master Builders Confilm, or equal as approved by the Engineer. It is recommended that the Contractor confirm the type of water evaporative reducer to be used with the manufacturer of color hardener.

DRY SHAKE COLOR HARDENER

Use Brickform Rafco Products color #700, Terra Cotta, dry shake color hardener.

RELEASE AGENT

Use Brickform Rafco Products color #300, Nutmeg powder release agent.

CURING COMPOUND

The curing compound shall meet the specifications of ASTM C 1315 Type I Class A clear non-yellowing curing compound.

IMPRINTING PATTERN

Use a 6" x 6" cobblestone pattern matching previous segments of East Washington Avenue.

CONSTRUCTION

An experienced Contractor who has installed a minimum of 30,000 square feet of colored and imprinted concrete shall install Textured and Colored 5-Inch Concrete Sidewalk. The Contractor shall submit written documentation of imprinted concrete work to the Engineer prior to the start of construction.

Apply water evaporative reducer per manufacturer's recommendations. Protect all adjoining areas of concrete. Finish concrete and apply dry shake color hardener in accordance to the manufacturer's recommendations. Hand-broadcast the color hardener uniformly across the concrete in two separate broadcasting operations (shakes). Apply two-thirds of the material in the first shake and without one-third for the second shake and final touch-up, as necessary. Apply the two shakes at 90 degrees to each other. The necessary moisture for wetting the color hardener must come from the concrete substrate. Adding water to the concrete surface to work in the dry shake color hardener is not permitted. Use a wood float for applying the dry shake color hardener unless the use of a wood float is in conflict with the manufacturer's recommendation.

Apply release agent in accordance to the manufacturer's recommendations.

Stamping method shall be in accordance to the manufacturer's specified methods. Check all depths of imprints by tool-to-tool surface leveling.

Perform tooling as stamping tools are removed after imprinting. Eliminate all squeeze joints between stamping tools, if any, with hand tools prior to concrete settings.

Remove excess release agent from the concrete seventy two (72) hours after placement using a stiff brush and a mild murataic acid solution (approximately 4 oz per 2.5 gallons water) to achieve desired color. Rinse and let dry. Apply curing compound at 350 SF/gal coverage rate or in accordance to manufacturer's recommendations to seal the concrete immediately after drying.

Joint the concrete in accordance with the standard specifications amended as follows: Saw joints such that the saw joint follows the concrete recess.

Textured and Colored 5-Inch Concrete Sidewalk shall match the visual appearance of the approved reference sample. Replace Textured and Colored 5-Inch Concrete Sidewalk not conforming to the reference sample at a Contractor expense.

METHOD OF MEASUREMENT

Textured and Colored 5-Inch Concrete Sidewalk shall be measured by the square feet of Textured and Colored 5-Inch Concrete Sidewalk installed and accepted.

BID ITEM 90004 - EXCAVATION, HAULING AND DISPOSAL OF CONTAMINATED SOIL

DESCRIPTION

This work shall conform with the requirements of Standard specifications, pertinent parts of the Wisconsin Administration Code (Department of Natural Resources Environmental Investigation and Remediation of Environmental Contamination, Chapters NR 700-736) and as supplemented herein.

Given the history of the business operations in the area, ash contaminated fill materials may be encountered in the utility trench excavations and in areas of the existing median.

Work under this Bid Item shall consist of excavating, loading, hauling, and disposal of ash contaminated fill materials at a City of Madison approved landfill facility. The City of Madison is to be listed as the generator of this material for disposal purposes. The Landfill Facility to be used is the Dane County Landfill, 7102 US Highway 12 & 18, Madison, WI 53718. The Landfill Facility will bill the City of Madison directly for tipping/treatment fees for the ash contaminated fill delivered to the facility by the Contractor.

Per NR 718.07, a solid waste collection and transportation service operating license is required under NR 502.06 whenever excavated contaminated soils are transported.

COORDINATION

The City of Madison will provide an Environmental Consultant (staff member or hired consultant) should contaminated material be discovered. Contact Brynn Bemis, City of Madison Engineering Department at (608) 267-1986 to coordinate the onsite activities, testing and disposal.

The role of the Environmental Consultant will be limited to: (1) determining the location and limits of contaminated soil to be excavated based on soil analytical results from previous investigations, visual observations, and field screening of soil that is excavated; (2) identifying contaminated soils to be hauled to the treatment/disposal facility; and (3) documenting that activities associated with management of contaminated soil are in conformance with the contaminated soil management methods for this project as specified herein.

Provide at least 14 calendar days notice of the pre-construction conference date to the Environmental Consultant. At the pre-construction conference, provide a schedule for all excavation activities in the areas of possible contamination to the Environmental Consultant. Notify the Engineer and Environmental Consultant at least 14 calendar days prior to commencement of excavation activities in each of the possible contaminated areas.

Coordinate with the Environmental Consultant to ensure that the Environmental Consultant is present during excavation activities in the possible contaminated areas. Excavation work in each of the possible contaminated areas shall proceed on a continuous basis until excavation work is completed.

The Environmental Consultant will be responsible for obtaining the necessary approvals for disposal of contaminated soils from the Landfill Facility. Do not transport contaminated soil off-site without prior approval from the Environmental Consultant.

CONSTRUCTION

Excavated soil will be periodically field screened by the Environmental Consultant. Assist the Environmental Consultant in collecting soil samples using excavation equipment. Soil samples will be collected by the Environmental Consultant from the bucket of the excavation equipment. The sampling frequency shall be a maximum of one sample for every 10 cubic yards excavated. Field screening of soil is expected to take up to 10 minutes for each sample. During the time the Environmental Consultant is screening the soil, the contractor may continue to excavate up to an additional 30 cubic yards of soil, provided the soil is loaded into trucks and the trucks remain on site. Following field screening of soil, the Environmental Consultant will identify contaminated soils to be hauled to the Landfill Facility and notify the contractor if the excavation can be backfilled.

Soils designated by the Environmental Consultant as contaminated shall be hauled directly to the Landfill Facility. Use loading and hauling practices that are appropriate to prevent any spills or releases of contaminated soils and residues. If spills or releases occur, immediately notify the Environmental Consultant and engineer. Immediately recover all contaminated soil, residue, and any new contamination that was caused by the spill or release.

Prior to start of construction in the Potential Contaminated Soil Areas, the Environmental Consultant will prepare the application to treat or dispose of contaminated soil (Form 4400-120) and submit the form to the Wisconsin Department of Natural Resources for approval. The Environmental Consultant will also obtain approvals from the Landfill Facility for the treatment and disposal of contaminated soil.

Documentation of contaminated soil disposal at the Landfill Facility shall include copies of original Landfill Facility weight tickets, signed by the scale attendant, clearly documenting final and tare weights of the soil received by the Landfill Facility, the date and time of weighing, and the contractor's truck number. Submit copies of all weight tickets to the engineer and the Environmental Consultant following completion of hauling activities.

MEASUREMENT

Excavation, Hauling and Disposal of Contaminated Soil will be measured in tons of material disposed of at the Landfill Facility.

PAYMENT

Payment is full compensation for contaminated soil excavation, segregation, hauling, and disposal; assistance with soil sampling; dewatering soil prior to transport; bentonite clay dams; temporary stockpiling; replacement fill material; weighing of trucks; obtaining weight tickets from scale attendant; providing original copies of weight tickets to the engineer and the Environmental Consultant; arranging to have certificate of soil treatment submitted to the engineer and the Environmental Consultant; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

BID ITEM 90030 - STORM CONTROL PLAN AND IMPLEMENTATION

DESCRIPTION

Work under this item shall include all labor, materials, and incidentals required to prepare a storm control plan and to implement the approved plan. The Contractor shall submit to the project engineer a plan that details how storm flows will be managed and/or diverted during placement of the new 54" storm sewer pipe and connection and abandonment/removal of storm sewer on East Washington Avenue and North Livingston Street. The approved methodology shall be installed prior to any storm sewer work. Any work, materials, and incidentals necessary to repair and restore the site due to the Storm Control Implementation shall be considered incidental to this bid item. The plan shall specifically include measures to address the connection to the existing 10' x 5' box culvert. At the point of connection with the new 54" storm sewer main, the existing 10' x 5' box culvert has standing water.

If phasing will be required to properly control the storm flows on site during the storm sewer main replacement, this shall be defined and detailed in the Storm Control Plan. The Contractor shall provide appropriate storm control measures during the entire duration of the storm sewer placement. Removal of all equipment and materials used for storm control shall be considered incidental to this bid item.

METHOD OF MEASUREMENT

Storm Control and Implementation Plan shall be measured as a lump sum bid item.

BASIS OF PAYMENT

Storm Control and Implementation Plan, as measured above, shall be considered full compensation for all work, materials, and incidentals required to complete the work as described above.

BID ITEM 90031 - STORM SEWER TAP (BOX CULVERT)

DESCRIPTION

Work under this item shall include all labor, materials, and incidentals required to remove the existing 10'x5' box culvert to 36" RCP connection and connect the new 54" RCP. The Contractor shall make the new connection in accord with the Standard Specification for Public Works Construction for a storm sewer tap including a concrete collar. This item will include any structural steel needed to re-reinforce the end of the box culvert if reinforcement steel is removed during removal of the existing 36" RCP.

BID ITEM 90032 - RECONSTRUCT MANHOLE/INLET TO SAS CASTING

DESCRIPTION

Work under this item shall include removing the roof and any adjustment from an existing manhole or inlet structure, lowering the walls up to 12 inches, constructing a new roof, to accommodate a standard R-1550-0054 City of Madison SAS castings (included as part of this item), and installation of the new castings to the proposed grade. The new roof shall be constructed to be in compliance with the roof detail for sewer access structures in the Standard Specifications for Public Works Construction. This item includes all materials, incidentals, and labor required to complete the work. This item includes disposal of the existing casting and provision of a new sewer access structure casting.

Castings shall be placed "in line" with traffic or concrete pavement joints to minimize being placed in traffic wheel paths.

METHOD OF MEASUREMENT

Reconstruct Manhole/Inlet to SAS casting shall be measured as each for completed structure reconstruction.

BASIS OF PAYMENT

Reconstruct Manhole/Inlet to SAS casting shall be measured as above and paid at the contract price which shall be full compensation for all work, materials, and incidentals to complete the work as outlined in the description.

BID ITEM 90033 - INLET CAPPING

DESCRIPTION

Work under this item shall include the removal of an existing inlet casting and adjusting rings and other materials down to a stable and sound wall structure. Castings shall be salvaged in accord with the Standard Specifications for Public Works Construction. A new 1" thick steel plate shall be provided to

act as the new structure roof. This plate will have two (2") inches overhang on either side of the outside walls of the structure and shall be and secured with mastic over the entire circumference of top of the inlet walls. All materials, work, and incidentals required to complete this work are included in this bid item.

METHOD OF MEASUREMENT

Inlet Capping shall be measured by each completed repair/reconstruction.

BASIS OF PAYMENT

Inlet Capping 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.

BID ITEM 90034 – CONCRETE COLLAR (54" RCP)

DESCRIPTION

Work under this item shall include the connection of the proposed 54" RCP storm sewer main to the existing 54" RCP storm sewer main in accord with the Standard Specifications for Public Works Construction. The collar will include the removal of the existing connection of the 54" RCP and the 29"x 45" HERCP along with the new connection. All materials, work, and incidentals required to complete this work are included in this bid item.

METHOD OF MEASUREMENT

Concrete Collar (54" RCP) shall be measured as a lump sum bid item.

BASIS OF PAYMENT

Concrete Collar (54" RCP) 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.

BID ITEM 90035 – MAINTAIN INLET DRAINAGE

DESCRIPTION

Work under this item shall include all labor, materials, and incidentals required to maintain drainage at existing low points in the median area and to allow for the installation and drainage of temporary pavement around the inlet. Work shall include removal the curb box component of the existing inlet casting at low points and installation of a curb plate over the curb box opening. The existing inlet castings in the median areas are Neenah R-3170 castings and curb plates are available from the manufacturer. The Contractor shall provide all materials, labor, and incidentals required to complete this work.

METHOD OF MEASUREMENT

Maintain Inlet Drainage shall be measured by each unit completed in place and satisfactorily installed.

BASIS OF PAYMENT

Maintain Inlet Drainage 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.

BID ITEM 90160 - FURNISH, INSTALL AND REMOVE TEMPORARY HYDRANT

The work under this bid item includes the following tasks regarding the hydrant at Station 240+87.3:

- Furnish and install a 5-in hydrant to subgrade per Standard Specifications excepting the hydrant valve, washed stone and polyethylene film.
- Backfill the hydrant trench to subgrade elevation and maintain until flushing and pressure tests have been successfully completed.
- Excavate and remove the hydrant and lead to the 16-in x 6-in tee.
- Install a permanent plug on the 6-in end of the 16-in x 6-in tee, disinfected per Standard Specifications Section 703.10
- Backfill the trench to Standard Specifications

BID ITEM 90202 CONCRETE BASE TYPE 10

Concrete Base Type 10 shall be constructed in accordance with the WisDOT standard specifications for Concrete Base Type 10, the plan details, and as hereinafter provided.

The two electrical conduits shown on the plan detail shall each be 2" size. The contractor shall confirm location and anchor bolt pattern with City of Madison Traffic Engineering electrical inspector before constructing the base. Product certifications are required for all steel products used in this base.

Concrete Base Type 10 measured as a unit complete in place, will be paid for at the contract unit price each, which price shall be payment in full for furnishing and installing all materials including conduit, bushings, caps and/or plugs, ground rod, anchor bolts, anchor bolt templates, cadwelding, copper grounding wire; bar steel reinforcement, and concrete masonry; for providing openings through existing pavement where required; for excavation, including hand-digging as required, backfill, and disposal of surplus materials; and for all labor, tools, equipment, and incidentals necessary to complete this item of work.

BID ITEM 90203 CONSTRUCT STREET LIGHT BASE SPECIAL LB-SP

Description

This special provision describes constructing concrete foundations, including furnishing and installing necessary hardware, as shown on the plans, in accordance to the pertinent provisions of section 604 of the standard specifications, and as hereinafter provided.

Materials

Furnish Grade A, A-WR, A-FA, or A-IP concrete masonry conforming to the requirements of section 501 of the standard specifications. Conduit cast within the bases shall be Schedule 40 polyvinyl chloride (PVC) electrical conduit and shall conform to the requirements of section 652 of the standard specifications.

Furnish anchor bolts for Type LB-SP bases made from highstrength steel (50 ksi minimum yield strength), ASTM A36, and fit each with two hard washers and two heavy hex nuts. Each bolt shall have approximately six (6) inches or more of thread at the top end. The bolts, washers, and nuts shall be galvanized. Furnish 1" x 40" bolts for the LB-SP bases, including a 4" L-bend at the bottom.

Confirm the location of the conduits in the base with the City of Madison.

Construction

Place the bases with one side parallel to the centerline of the street. Forms shall be of sufficient depth to provide a minimum of 12 inches of formed base below the finished grade on the low side of the base. The top surface of the base shall be level with a 3/4-inch bevel on the edges and shall be given a rubbed finish. Cast anchor bolts into the base as shown on the plans. Verify the bolt circle diameters before constructing the bases.

Furnish and install manufactured elbows in all bases, except as noted on the details. Install elbows to permit installation of conduit in as nearly straight-line runs as possible, without unnecessary bends. The engineer will not accept bases not installed to this standard. Extend existing conduit into the bases. Elbows shall conform to the requirements of the type of conduit entering the base. Install an extra elbow in each base at the end of a run as directed by the engineer. Install extra elbows in any base as directed by the engineer.

Do not erect poles on the concrete bases until the bases have cured for at least seven days. All concrete bases require a rubbed finish down to finished grade.

Payment

Payment is full compensation for furnishing and installing all materials including conduit, bushings, caps and/or plugs, ground rod, anchor bolts, cadwelding, copper grounding wire; bar steel reinforcement, and concrete masonry; for providing openings through existing pavement where required; for excavation, including hand-digging as required, backfill, and proper disposal of surplus materials; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the contract work.

BID ITEM 90204 MAINTAIN STREET LIGHTS

A. DESCRIPTION

This special provision describes furnishing, installing, and removing wood poles, guy wires, aerial cable, electric services and lighting control cabinets as required to maintain all of the existing lighting on both sides of East Washington Avenue currently powered from the existing service at SLCCB1. Perform work for temporary wood poles and guy wires in accordance to section 661 of the Wisconsin Department of Transportation standard specifications.

If new streetlights are installed by the contractor to temporarily replace existing lights, each one shall be 250-watt HPS or equivalent lumen output. The City will provide streetlight fixtures and lamps to the contractor for construction lighting as needed. The City's fixtures will be those stocked by the City.

B Materials

B.1 Aerial Cable

The aerial cable shall consist of an assembly of three No. 4 XLP insulated power conductors with an CSR messenger (grounding) wire. Furnish the quantity of parallel cable assemblies necessary to maintain lighting circuits. Protect all cable that extends to from grade to 10 feet above grade by a plastic cable guard.

B.2 Wood Poles

Wood poles shall be 35' long, type 4.

B.3 Lighting Control Cabinet

Relocate the existing lighting control cabinet SLCCB1 as required to provide continuous lighting during construction and relocate the cabinet to the new cabinet base location. Cabinet location and service changes are to be completed during hours of daylight in order to not have nighttime streetlight outages.

CONSTRUCTION METHODS

C.1 General

Maintain the proposed lighting system within the construction limits for the duration of the project. Maintenance includes, but is not limited to, replacing burned out lamps, replacing knocked down poles, and maintaining continuous lighting. Supply an off-hours contact(s) for repair purposes; respond within 2 hours to the project site for knockdowns or other work that must be completed in a timely manner. Complete all other maintenance needs within 24 hours of notification. Continuously monitor the existing and proposed lighting systems operation. Coordinate work with the city's forces.

C.2 Reestablish Existing Circuits at SLCCB1

Reestablish existing lighting circuit SLCCB1 as shown on the plans. Coordinate installation of a new 120/240V service from the utility to serve the relocated cabinet. Install conduit, riser, aerial cables, guy wires, and all other equipment necessary to reestablish the circuit. Coordinate service installation, removal of the existing lighting control cabinet and reinstallation of light lighting control cabinet so that nighttime operation is continuous.

The contractor shall be fully responsible for furnishing and installing streetlight equipment (other than City-furnished fixtures described above) to maintain the existing street light system.

The contractor shall respond immediately (arrive within 45 minutes of notification) to any high priority problems with lighting controlled by the contractor. The high priority problems include any streetlight equipment issue that creates a safety problem, such as a damaged or knocked down pole. The contractor shall respond to lower priority problems within four hours after notification, or if notified after normal work hours, then by 9 am the following day.

If the contractor does not respond in a timely manner as identified above, and the City responds to correct a problem, the contractor shall be liable for all City costs involved.

METHOD OF MEASUREMENT

Maintain Street Lights will be measured as a lump sum, completed in place and accepted in accordance with the contract.

BASIS OF PAYMENT

Maintain Street Lights will be paid for at the contract lump sum price, which price shall be full compensation for all material, permits, fees, and third party costs, and for all labor, tools, equipment, and incidentals necessary to complete the work.

BID ITEM 90600 - PAVEMENT MARKING GROOVED WET REFLECTIVE CONTRAST TAPE 4-INCH

BID ITEM 90601 - PAVEMENT MARKING GROOVED WET REFLECTIVE CONTRAST TAPE 8-INCH

A. DESCRIPTION

This special provision describes furnishing, grooving and installing preformed wet reflective pavement marking contrast tape for grooved applications as shown on the plans, according to WISDOT standard spec 646, and as hereinafter provided.

B. MATERIALS

Furnish wet reflective pavement marking contrast tape and adhesive material, per manufacturer's recommendation if required, from the department's approved products list. Furnish a copy of the manufacturer's recommendations to the engineer before preparing the pavement marking grooves.

C. CONSTRUCTION

C.1 GENERAL

For quality assurance, provide the engineer evidence of manufacturer training in the proper placement and installation of pavement marking contrast tape. Plane the grooved lines according to details in the plan and per manufacturer's recommendations. Use grooving equipment with a free-floating, independent cutting head. Plane a minimum number of passes to create a grooved surface per manufacturer's recommendations.

C.2 GROOVE DEPTH

Cut the groove to a depth of 120 mils \pm 10 mils from the pavement surface or, if tined, from the high point of the tined surface. To measure the depth, the contractor may use a depth plate placed in the groove and a straightedge placed across the plate and groove, or the contractor may use a straightedge placed perpendicular to the groove. The department may periodically check groove depths.

C.3 GROOVE WIDTH - LONGITUDINAL MARKINGS

Cut the groove one-inch wider than the width of the tape.

C.4 GROOVE POSITION

Position the groove edge according to plan details. Groove a minimum of 4 inches, but not greater than, 12 inches from both ends of the tape segment. Achieve straight alignment with the grooving equipment.

C.5 GROOVE CLEANING

C.5.1 CONCRETE

Cooling the cutting head with water may be necessary for some applications and equipment. If cooling water is necessary, flush the groove immediately with high-pressure water after cutting to remove any build-up of cement dust and water slurry. If this is not done, the slurry may harden in the groove. If water is used in the grooving process, allow the groove to dry a minimum of 24 hours after groove cleaning, and prior to pavement marking application. The groove surface shall be clean and dry before applying the

adhesive, and the pavement marking tape. Use a high-pressure air blower with at least 185 ft³/min air flow and 120 psi air pressure to clean the groove; use of the air blower does not decrease the amount of time required for the groove to dry.

C.6 TAPE APPLICATION

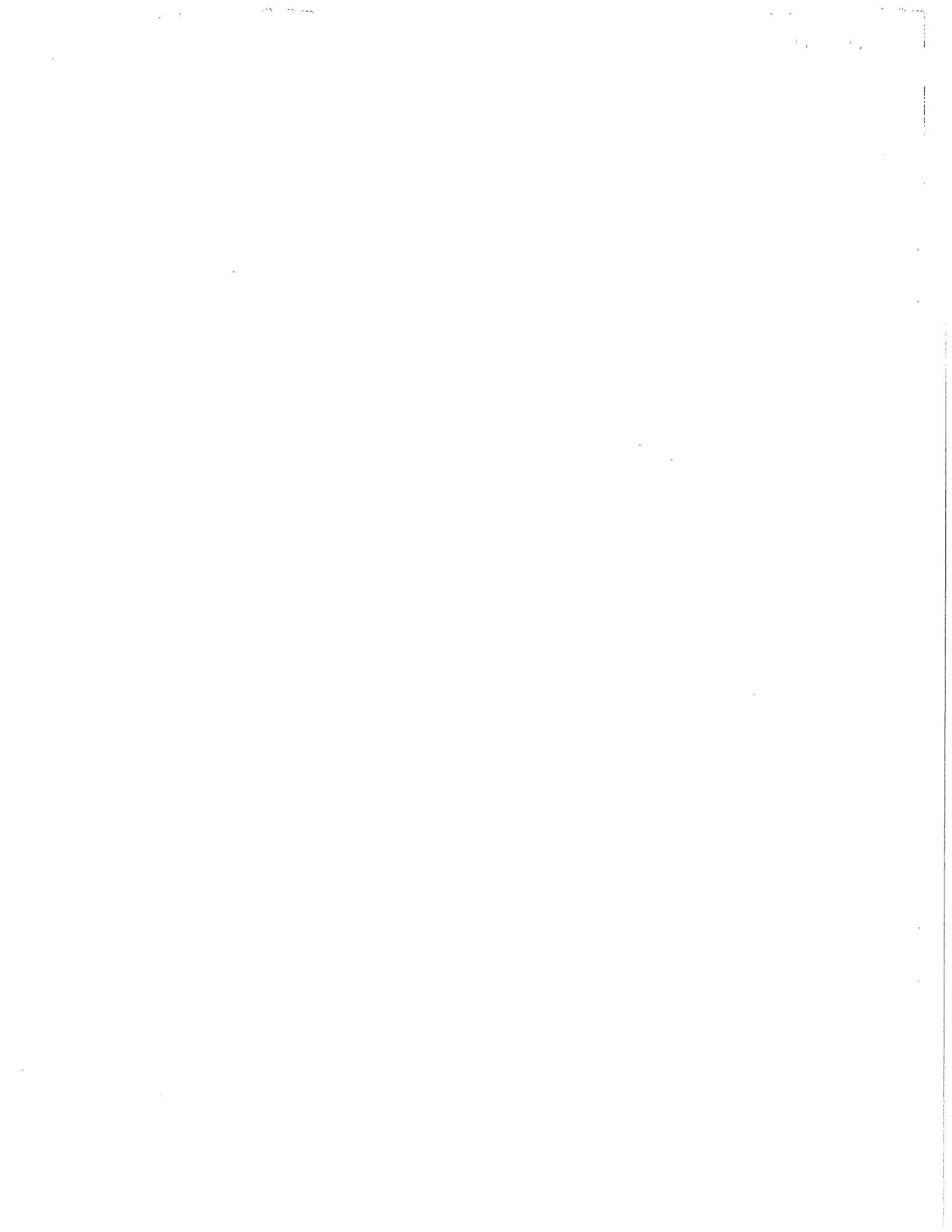
Apply the tape when both the air and surface temperature are 40 degrees F and rising. The surface preparation adhesive must be set (feels tacky but is no longer in liquid form) and have a matte finish rather than a glossy wet appearance. Refer to the manufacturer's instructions for determining when the surface preparation adhesive is set. Tamp the wet reflective pavement marking tape with a tamper cart roller, with a minimum of a 200-lb load, cut to fit the groove. Tamp a minimum of three complete cycles (6 passes) with grooved modified tamper roller cart.

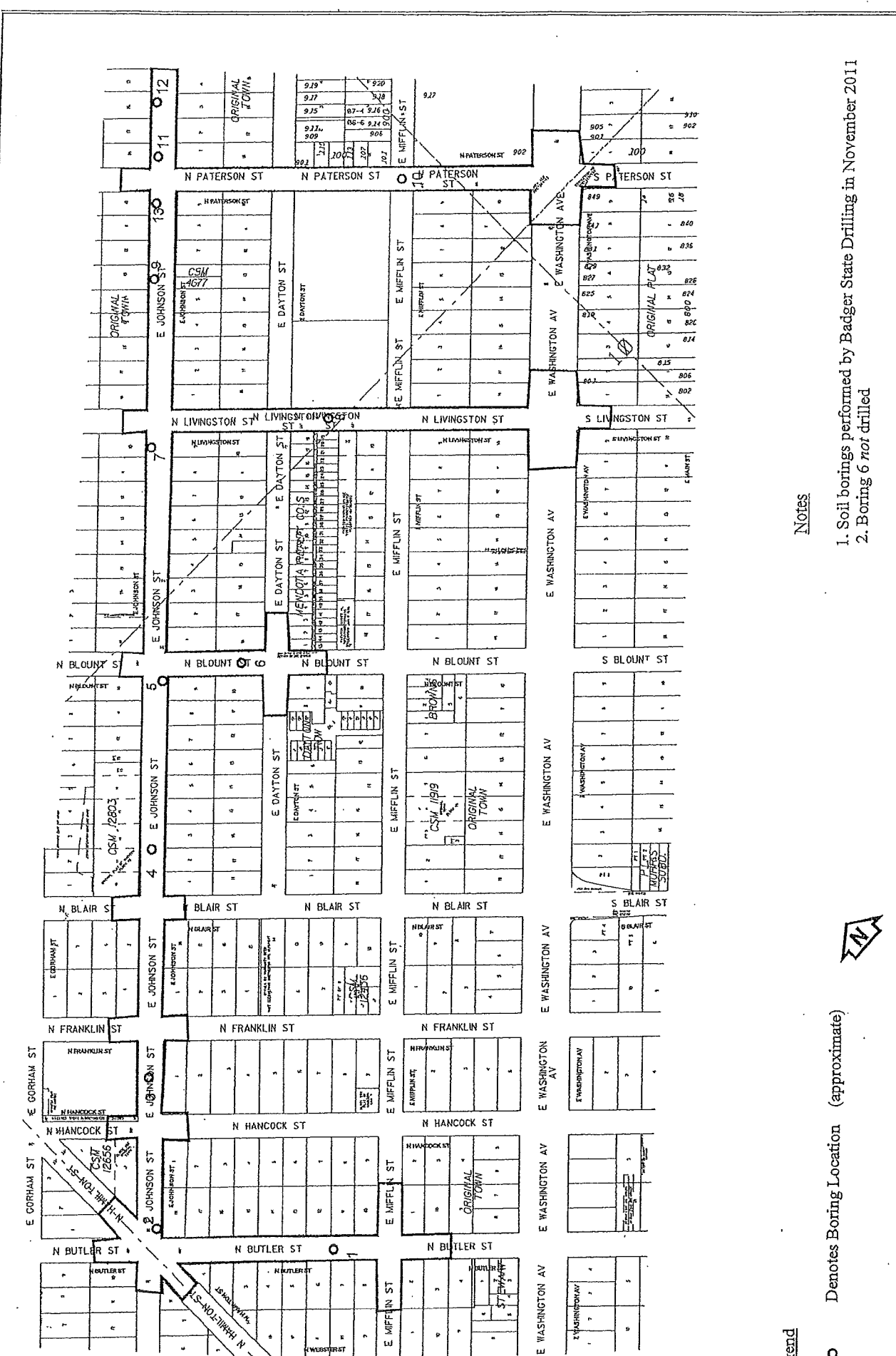
D MEASUREMENT

The City of Madison will measure Pavement Marking Grooved Wet Reflective Contrast Tape (Width) for grooved applications in length by the linear foot of tape placed according to the contract and accepted.

E PAYMENT

The City of Madison will pay for measured quantities at the contract unit price as measured above. Payment is full compensation for cleaning and preparing the pavement surface; furnishing and installing the material; and for removing temporary pavement marking, if necessary.





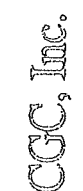
Legend

○ Denotes Boring Location (approximate)

Notes

1. Soil borings performed by Badger State Drilling in November 2011
2. Boring 6 not drilled

SOIL BORING LOCATION PLAN
 East Johnson Street Area
 Madison, Wisconsin
 Page 1 of 2



APP'D: MNS

Date: 12/11

CI11054-30

DWN: -



LOG OF TEST BORING

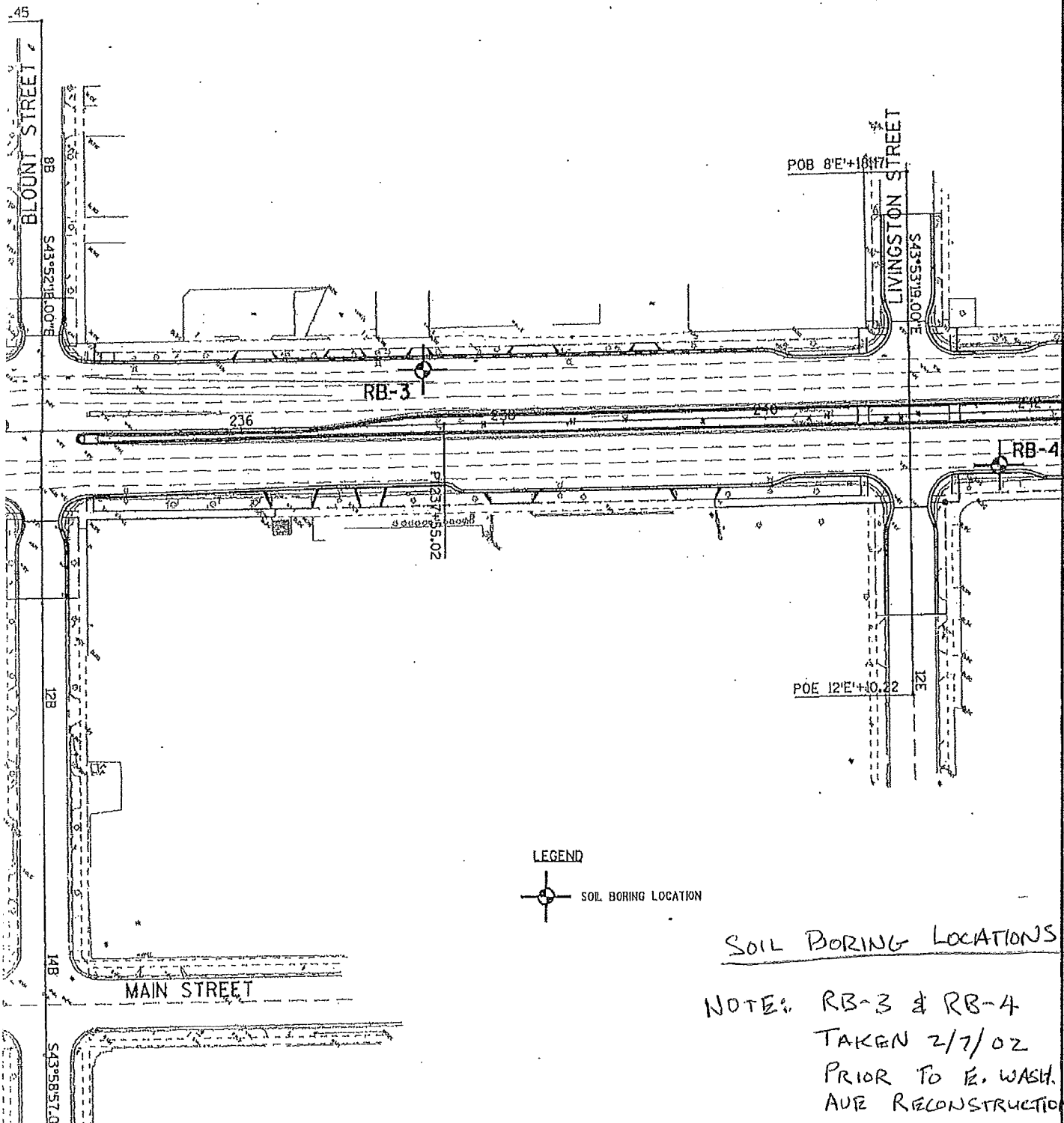
Project East Johnson Street Area
Livingston: 145' SE of Dayton, near Centerline
 Location Madison, Wisconsin

Boring No. 8
 Surface Elevation (ft) 97.3*
 Job No. C11054-30
 Sheet 1 of 1

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

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	Rec (in.)	Moist	N	Depth (ft)		q _u (tsf)	W	LL	PL	LI
				0	X	3 in. Asphalt Pavement/7 in. Base Course				
1	3	M	6	3	□	FILL: Brown Sand with Silt, Gravel and Clay to 3'				
2	8	M	3	5	□	Black Clay with Sand and Gravel to 5'				
3	16	M/W	3	10	▨	(0.25)				
4	14	W	3	15	□	(0.2)				
5	24	W	3	15	▨					
End Boring at 15 ft										
Borehole backfilled with bentonite chips										
*Elevation determined using an assumed datum of 100.0 ft referencing the top nut of a hydrant situated along Johnson between Butler and Hancock.										

WATER LEVEL OBSERVATIONS					GENERAL NOTES				
While Drilling	∇ 8.5'	Upon Completion of Drilling	7.0'		Start	11/11/11	End	11/11/11	
Time After Drilling					Driller	Badger	Chief	RM	Rig CME-55
Depth to Water				∇	Logger	KD	Editor	ESF	
Depth to Cave in					Drill Method	2 1/4" HSA			
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.									



LEGEND

SOIL BORING LOCATION

SOIL BORING LOCATIONS

NOTE: RB-3 & RB-4
 TAKEN 2/7/02
 PRIOR TO E. WASH.
 AVE RECONSTRUCTION



**WISCONSIN
SOIL
TESTING**

A DIVISION OF
D. HIGNITE INVESTMENTS, INC.

LOG OF BORING

Project: Proposed Roadway Reconstruction
Location: East Washington Avenue
Madison, Wisconsin
Client: HNTB Corporation

Boring # RB-3

Surface Elev: SEE TABLE
WST Job No: 02-4675
Sheet: 1 of 1

Date Boring Started: 2/7/02
Total Boring Depth: 17.5'
Borehole Cave-in at: 14.0'

Completed: 2/7/02
Hour(s) after Drilling

Depth to Ground Water During Drilling: 7.0'
Depth to Ground Water Upon Completion of Drilling: Trace
Depth to Groundwater Hour(s) After Drilling:

Laboratory Results						Sample No.	Blows / Foot N ₆₀ Value	Pocket Pen (TSF)	Depth (Feet)	Sample Type	Visual Soil Classification	Drilling Notes: Bit Size, Type, Loss or Gain of Water, Casing Size, Etc.
M (%)	LL	PL	PI	LOI	PID							
										8" Asphalt		
32				8	0	1	13			SAND with organic silt, trace fine gravel, fine to coarse grained, black, medium dense to loose. (FI) (SM - OL)	Borings Advanced with 2 1/4" Hollow- Stem Augers	
										No sample recovered from 3.5' to 5.0'.		
					0	2	4					
								5		Organic clayey SILT, slightly fibrous, dark brownish-black, moist to wet, very loose (OL) --Decreasing fiber content to 10.0'.		
140				17	598	3	2					
					738	4	2	10		Clayey SILT, trace fine sand, greenish-gray to grayish-brown, moist to wet, loose to very loose. (ML - CL) (A-4)		
					100	5	7					
					177	6	3	15		Silty CLAY, trace fine sand and gravel, light brown, moist, stiff. (CL)		
					200	7	9	2.0				
										End of Boring at 17.5'		
								20				

Drilling and Sampling Information

Boring Logged By: A. C. Guenther
Checked By: J. Heinz, E.I.T.

Classification System: USCS, AASHTO
Machine Model Used: Mobile B-59

Penetration Test

2" OD x 1 3/8" ID split-barrel sampler driven 18" by a 140 lb. guided weight free-falling 30". Number of blows required to advance the test 12" is shown as the "N" value.

Sample Type

 Split-Barrel
  Shelby Tube
  Auger
  Wash



**WISCONSIN
SOIL
TESTING**

DIVISION OF
D. HIGHITE INVESTMENTS, INC.

LOG OF BORING

Project: Proposed Roadway Reconstruction
 Location: East Washington Avenue
 Madison, Wisconsin
 Client: HNTB Corporation

Boring # RB-4

Surface Elev: SEE TABLE
 WST Job No: 02-4675
 Sheet: 1 of 1

Date Boring Started: 2/4/02
 Total Boring Depth: 12.5'
 Borehole Cave-In at: 10.0'

Completed: 2/4/02
 Hour(s) after Drilling

Depth to Ground Water During Drilling: 8.5'
 Depth to Ground Water Upon Completion of Drilling: None
 Depth to Groundwater Hour(s) After Drilling:

Laboratory Results						Sample No.	Blows / Foot Pen Value	Pocket Pen (TSF)	Depth (Feet)	Sample Type	Visual Soil Classification	Drilling Notes: Bit Size, Type, Loss or Gain of Water, Casing Size, Etc.
W (%)	LL	PL	PI	LOI	PID							
										4" Asphalt 8" Concrete 6" Basecourse	Borings Advanced with 2 1/4" Hollow- Stem Augers	
					4	1	23			SAND, little fine to coarse stone, fine to coarse grained, light brown, moist, medium dense. (Fill) (SW) (A-3)		
125				35	3	2	4			PEAT, fibrous, brownish-black. (PT)		
										Lean CLAY with silt, trace fine to medium sand, light brown, wet to moist, soft to medium stiff. (CL) (A-B)		
23	27	18	9		7	3	9	1.5				
					2	4	8		10			
					3	5	50 2 1/2			Clayey SAND, trace fine gravel, fine to medium grained, reddish-brown, moist, very dense. (SC) (A-2-B)		
End of Boring at 12.5'												
									15			
									20			

Drilling and Sampling Information

Boring Logged By: A. C. Guenther
 Checked By: J. Heinz, E.I.T.

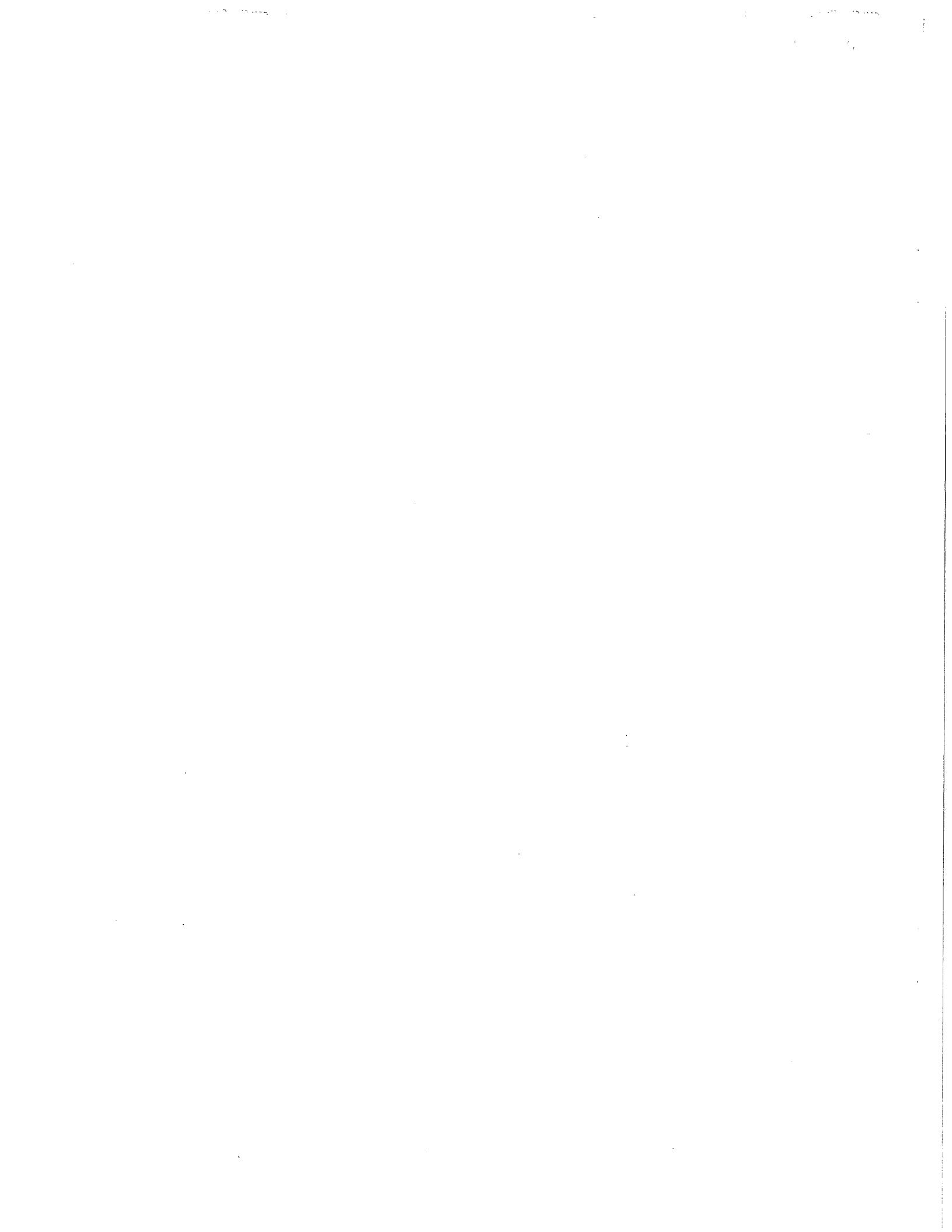
Classification System: USCS, AASHTO
 Machine Model Used: Mobile B-59

Penetration Test

2" OD x 1 3/8" ID split-barrel sampler driven 18" by a 140 lb. guided weight free-falling 30". Number of blows required to advance the test 12" is shown as the "N" value.

Sample Type

Split-Barrel
 Shelby Tube
 Auger
 Wash





Department of Public Works
City Engineering Division

Robert F. Phillips, P.E.
City Engineer

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

608 266 4751

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

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

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

Operations Supervisor
Kathleen M. Cryan

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

Financial Officer
Steven B. Danner-Rivers

Hydrogeologist
Brynn Bemis

**NOTICE OF ADDENDUM
ADDENDUM NO. 1**

CONTRACT NO. 6906

**EAST WASHINGTON AVENUE AND LIVINGSTON STREET INTERSECTION
IMPROVEMENTS – 2013**

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

ADVERTISEMENT FOR BIDS:

REMOVE

Remove page A-1

INSERT

Insert page A-1 (revised 1/3/13)

SPECIAL PROVISIONS:

REMOVE

Remove pages D-14, D-15 and D-19

INSERT

Insert pages D-14, D-15 and D-19 (revised 1/3/13)

PROPOSAL:

REMOVE

Remove pages E-5 thru E-11

INSERT

Insert pages E-5 thru E-11 (revised 1/3/13)

Summary of Addendum 1:

- The deadline for submittal of bids has been revised to January 7, 2013 by 1:00 PM at 1600 Emil Street.
- Bid Item 90001 Paved Surface Temporary, Concrete Pavement and Bid Item 90002 Paved Surface Temporary, Asphalt Pavement have been deleted and revised to be Bid Item 90001 Paved Surface Temporary. It will be the Contractors discretion which pavement material will be used for Bid Item 90001 Paved Surface Temporary.
- Bid Item 90032 Reconstruct Manhole/Inlet to SAS Casting. Description has been revised to clarify the new roof requires two (2) castings per roof.

Please acknowledge this addendum on page E1 of the contract documents.

Electronic version of these documents can be found on the City of Madison web site at:

<http://www.cityofmadison.com/business/PW/contracts/openforBid.cfm>

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

SECTION A: ADVERTISEMENT FOR BIDS

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

A BEST VALUE CONTRACTING MUNICIPALITY

CONTRACT NO.	PROJECT NAME:
6906	EAST WASHINGTON AVENUE AND LIVINGSTON STREET INTERSECTION IMPROVEMENTS - 2013
SBE GOAL	11%

Plans and Specifications are available at 1600 Emil Street, Madison, WI 53713; 608-267-1197 or on our website at www.cityofmadison.com/business/pw/contracts/openforBid.cfm.

PREQUALIFICATIONS

Bidders who have not been prequalified by the City Engineer and Affirmative Action Director for the period of February 1, 2012 to January 31, 2013 must submit their application on or before 1:00 p.m., JANUARY 3, 2013, Room 115, City-County Building, Madison, WI 53703. Postmark is not applicable. Contractors be prequalified by the City Engineer including an affirmative action plan approved by the Affirmative Action Director prior to the bid opening or the bid will be rejected. Forms are available at the same location or on our website at www.cityofmadison.com/business/pw/forms.cfm.

PRE-BID MEETING

Representatives of the Affirmative Action Department will be present to discuss the Small Business Enterprise requirements on DECEMBER 21, 2012 at 1:00 PM at 1600 Emil Street, Madison Wisconsin.

OTHER REQUIREMENTS

Sealed bids 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.

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

Deadline for the Submittal of Bid is MONDAY, JANUARY 7, 2013 by 1:00 PM, at 1600 Emil Street, Madison, WI 53713.

Bid Opening will be on Thursday, JANUARY 10, 2013 at 1:30 PM at 1600 Emil Street, Madison, WI 53713.

REQUEST FOR BIDS FOR PUBLIC WORKS CONSTRUCTION FOR THE CITY OF MADISON, WISCONSIN

A BEST VALUE CONTRACTING MUNICIPALITY

Plans and Specifications for Public Works Projects that are open for bid are available on the City of Madison website at <http://www.cityofmadison.com/business/PW/contracts/openforBid.cfm> or by calling City Engineering at 608-266-4751.

Sealed bids 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.

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

Bidders must be prequalified with the City Engineer and the Affirmative Action Director. Deadline date for submittal of application is noticed on our website. Forms are available on the web at <http://www.cityofmadison.com/business/pw/forms.cfm> or by contacting City Engineering at 608-266-4620

Publ. WSJ 12/7/12 & 12/14/12

BID ITEM 90001 – PAVED SURFACE TEMPORARY

DESCRIPTION

This work shall include all work, materials, labor and incidentals necessary to construct a temporary paved surface suitable for use for temporary motor vehicle access during construction. Paved Surface Temporary may be constructed of either concrete pavement or asphalt pavement, at the Contractors discretion. If concrete pavement is used for Paved Surface Temporary, a minimum 8-inch thick concrete pavement with a minimum 4-inch crushed stone base course shall be used. If asphalt pavement is used for Paved Surface Temporary, a minimum 4-inch thick asphalt pavement with a minimum 8-inch crushed stone base course shall be used.

Preparation for the Paved Surface Temporary is included with this item including excavation or fill and crushed stone as needed. The Contractor shall be responsible for maintaining the temporary pavement and all components with no additional compensation.

It is anticipated that because of the early seasonal start time of this contract, hot mix asphalt may not be available to utilize as temporary pavement, therefore the use of concrete pavement may be required.

In areas where concrete pavement is used for Paved Surface Temporary and is installed adjacent to existing concrete pavement that is designated to remain in place, an approved bond breaker shall be installed to allow for later removal of the Paved Surface Temporary so as to prevent damage to the existing concrete pavement.

Removal and disposal of the Paved Surface Temporary and all related components, upon no longer needing the surface, shall be incidental to this item. Restoration of the areas of the Paved Surface Temporary will be paid for under respective bid items.

METHOD OF MEASUREMENT

Paved Surface Temporary shall be measured by the square yard acceptably installed.

BASIS OF PAYMENT

Paved Surface Temporary measured as described above shall be full payment for all work, materials and incidentals required to complete the work in accordance with the description.

BID ITEM 90003 – TEXTURED AND COLORED CONCRETE SIDEWALK 5”

DESCRIPTION

This special provision describes furnishing and installing Textured and Colored 5-Inch Concrete Sidewalk, complete and accepted in place, including base materials, sealer and samples in accordance with Article 303 of the Standard Specifications, and the plans, details, and as hereinafter provided.

MATERIALS – GENERAL

At least fifteen working days prior to the start of textured and colored concrete installation, supply one 4 foot x 4-foot panel sample of the textured and colored concrete. Obtain approval from the Engineer for the final color and stamp pattern prior to placing any colored imprinted concrete in the field.

The sample shall become the property of the City of Madison upon completion of this project.

WATER EVAPORATIVE REDUCER (CON FILM)

Use a water evaporative reducer to hold in the bleed water for the dry shake color hardener application. The water evaporative reducer shall be Dayton Superior Sure Film (J-74), Master Builders Confilm, or equal as approved by the Engineer. It is recommended that the Contractor confirm the type of water evaporative reducer to be used with the manufacturer of color hardener.

DRY SHAKE COLOR HARDENER

Use Brickform Rafco Products color #700, Terra Cotta, dry shake color hardener.

RELEASE AGENT

Use Brickform Rafco Products color #300, Nutmeg powder release agent.

CURING COMPOUND

The curing compound shall meet the specifications of ASTM C 1315 Type I Class A clear non-yellowing curing compound.

METHOD OF MEASUREMENT

Storm Control and Implementation Plan shall be measured as a lump sum bid item.

BASIS OF PAYMENT

Storm Control and Implementation Plan, as measured above, shall be considered full compensation for all work, materials, and incidentals required to complete the work as described above.

BID ITEM 90031 - STORM SEWER TAP (BOX CULVERT)

DESCRIPTION

Work under this item shall include all labor, materials, and incidentals required to remove the existing 10'x5' box culvert to 36" RCP connection and connect the new 54" RCP. The Contractor shall make the new connection in accord with the Standard Specification for Public Works Construction for a storm sewer tap including a concrete collar. This item will include any structural steel needed to re-reinforce the end of the box culvert if reinforcement steel is removed during removal of the existing 36" RCP.

BID ITEM 90032 - RECONSTRUCT MANHOLE/INLET TO SAS CASTING

DESCRIPTION

Work under this item shall include removing the roof and any adjustment from an existing manhole or inlet structure, lowering the walls up to 12 inches, constructing a new roof, to accommodate two (2) standard R-1550-0054 City of Madison SAS castings (included as part of this item), and installation of the new castings to the proposed grade. The new roof shall be constructed to be in compliance with the roof detail for sewer access structures in the Standard Specifications for Public Works Construction. This item includes all materials, incidentals, and labor required to complete the work. This item includes disposal of the existing casting and provision of a new sewer access structure castings.

Castings shall be placed "in line" with traffic or concrete pavement joints to minimize being placed in traffic wheel paths.

METHOD OF MEASUREMENT

Reconstruct Manhole/Inlet to SAS casting shall be measured as each for completed structure reconstruction.

BASIS OF PAYMENT

Reconstruct Manhole/Inlet to SAS casting shall be measured as above and paid at the contract price which shall be full compensation for all work, materials, and incidentals to complete the work as outlined in the description.

BID ITEM 90033 - INLET CAPPING

DESCRIPTION

Work under this item shall include the removal of an existing inlet casting and adjusting rings and other materials down to a stable and sound wall structure. Castings shall be salvaged in accord with the Standard Specifications for Public Works Construction. A new 1" thick steel plate shall be provided to

NAME OF BIDDER

PROPOSAL

EAST WASHINGTON AVENUE & NORTH LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013

REVISED 1/3/13

CONTRACT NO. 6906

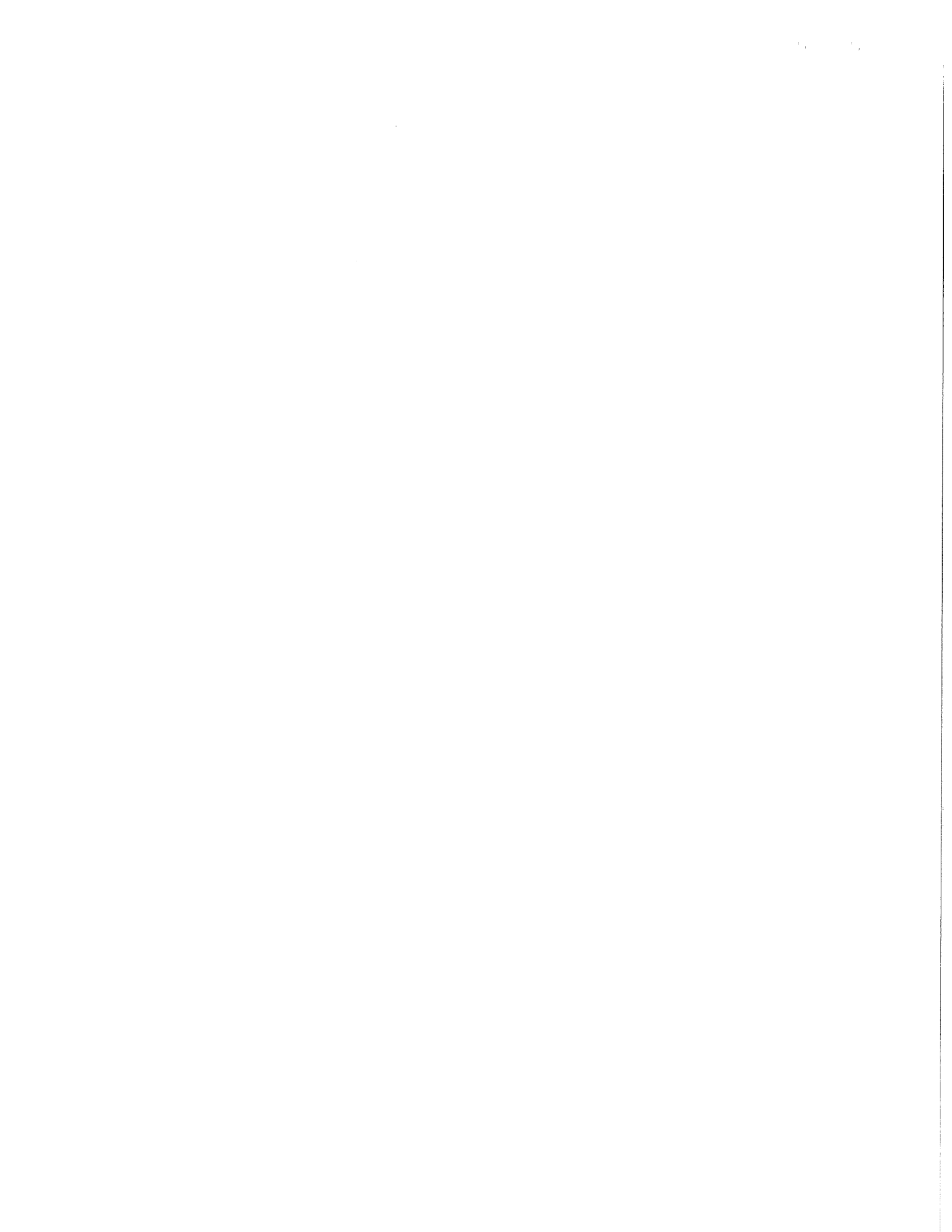
ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
STREET ACCOUNT NO. CS53-58250-810370-00-53W1409-53TIF036					
10701	TRAFFIC CONTROL	1.00	LS		\$
10721	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	80.00	DAYS		\$
10911	MOBILIZATION	1.00	LS		\$
10801	ROOT CUTTING - CURB & GUTTER	50.00	LF		\$
10802	ROOT CUTTING - SIDEWALK	50.00	LF		\$
20101	EXCAVATION CUT	1,780.00	CY		\$
20140	GEOTEXTILE FABRIC TYPE SAS (NON-WOVEN)	100.00	SY		\$
20219	BREAKER RUN	300.00	TON		\$
20221	TOPSOIL	1,100.00	SY		\$
20303	SAWCUT BITUMINOUS PAVEMENT, FULL DEPTH	350.00	LF		\$
20304	SAWCUT CONCRETE PAVEMENT, FULL DEPTH	3,600.00	LF		\$
20321	REMOVE CONCRETE PAVEMENT	4,110.00	SY		\$
20322	REMOVE CONCRETE CURB & GUTTER	3,190.00	LF		\$
20323	REMOVE CONCRETE SIDEWALK & DRIVE	4,900.00	SF		\$
20401	CLEARING	150.00	I.D.		\$
20403	GRUBBING	150.00	I.D.		\$
20501	ADJUST SEWER ACCESS STRUCTURE	5.00	EACH		\$

**EAST WASHINGTON AVENUE & NORTH LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013**

REVISED 1/3/13

CONTRACT NO. 6906

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
20506	ADJUST SEWER ACCESS STRUCTURE CASTING	5.00	EACH		\$
20701	TERRACE SEEDING (UNDISTRIBUTED)	100.00	SY		\$
20801	SODDING	610.00	SY		\$
21061	EROSION MATTING, CLASS I, URBAN TYPE A (UNDISTRIBUTED)	100.00	SY		\$
30201	TYPE 'A' CONCRETE CURB & GUTTER	925.00	LF		\$
30204	TYPE 'D' CONCRETE CURB & GUTTER	155.00	LF		\$
30207	TYPE 'H' CONCRETE CURB & GUTTER	1,875.00	LF		\$
30301	5" CONCRETE SIDEWALK	2,395.00	SF		\$
30302	7" CONCRETE SIDEWALK AND DRIVE	1,140.00	SF		\$
30340	CURB RAMP DETECTABLE WARNING FIELD	120.00	SF		\$
40102	CRUSHED AGGREGATE BASE COURSE, GRADATION 2	1,600.00	TON		\$
40231	ASPHALT DRIVE & TERRACE	100.00	SY		\$
40403	10-INCH CONCRETE PAVEMENT	5,040.00	SY		\$
60801	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	100.00	LF		\$
60812	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	200.00	LF		\$
60814	PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH	300.00	LF		\$
60818	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH	150.00	LF		\$
60819	PAVEMENT MARKING EPOXY, CURB	225.00	LF		\$
60820	PAVEMENT MARKING EPOXY, MEDIAN NOSE	36.00	SF		\$
60823	PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE	2.00	EACH		\$

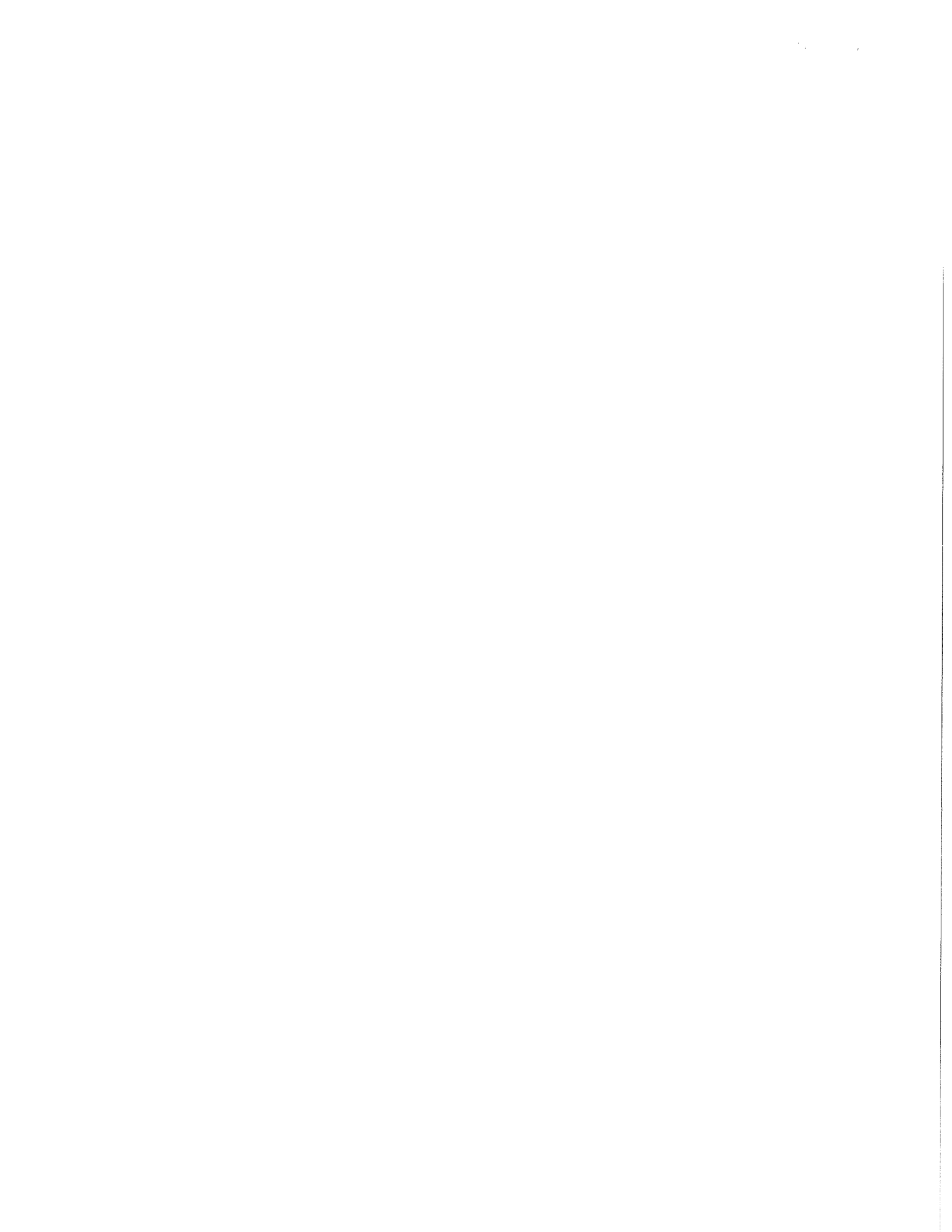


**EAST WASHINGTON AVENUE & NORTH LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013**

REVISED 1/3/13

CONTRACT NO. 6906

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
60881	PAVEMENT MARKING REMOVAL, WET REFLECTIVE CONTRAST TAPE, 6-INCH	70.00	LF		\$
60889	PAVEMENT MARKING REMOVAL, SYMBOL, BIKE LANE	2.00	EACH		\$
60891	PAVEMENT MARKING REMOVAL, SYMBOL, BIKE ARROW	2.00	EACH		\$
60940	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, LINE, 4-INCH	4,500.00	LF		\$
60941	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, DOUBLE LINE, 4- INCH	1,000.00	LF		\$
90001	PAVED SURFACE TEMPORARY	2,060.00	SY		\$
90003	TEXTURED & COLORED CONCRETE SIDEWALK 5"	2,050.00	SF		\$
90004	EXCAVATION, HAULING AND DISPOSAL OF CONTAMINATED SOIL	300.00	TON		\$
90600	PAVEMENT MARKING GROOVED WET REFLECTIVE CONTRAST TAPE 4-INCH	800.00	LF		\$
90601	PAVEMENT MARKING GROOVED WET REFLECTIVE CONTRAST TAPE 8-INCH	535.00	LF		\$
STREET ACCOUNT NO. CS53-58270-810370-00-53W1409-53TIF036					
20217	CLEAR STONE	200.00	TON		\$
20313	REMOVE INLET	6.00	EACH		\$
20314	REMOVE PIPE	195.00	L.F.		\$
20503	ADJUST INLET	5.00	EACH		\$

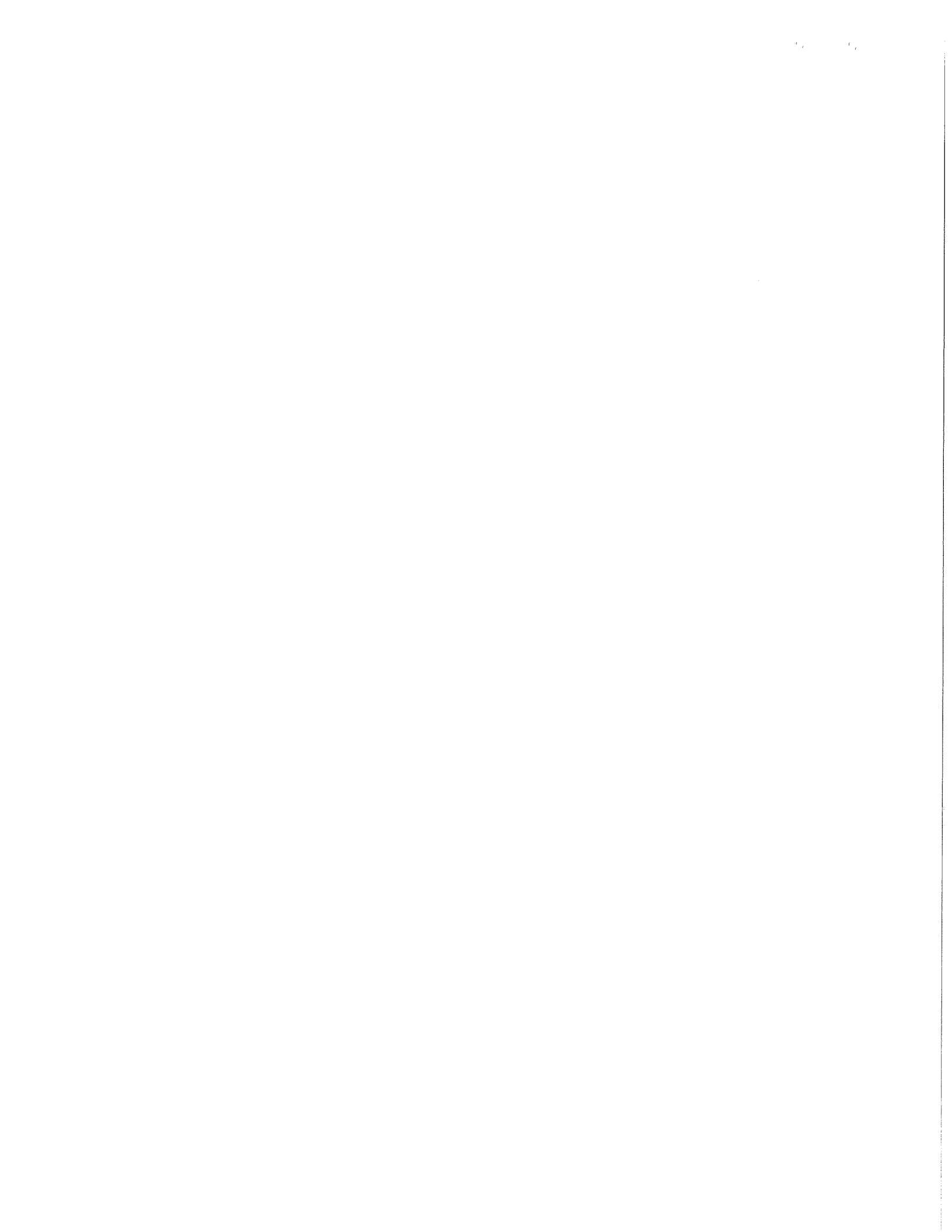


**EAST WASHINGTON AVENUE & NORTH LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013**

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CONTRACT NO. 6906

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
20506	ADJUST SAS CASTING	5.00	EACH		\$
21001	EROSION CONTROL PLAN & IMPLEMENTATION	1.00	LUMP SUM		\$
21002	EROSION CONTROL INSPECTION	16.00	EACH		\$
21011	CONSTRUCTION ENTRANCE (UNDISTRIBUTED)	4.00	EACH		\$
21013	STREET SWEEPING	1.00	LUMP SUM		\$
21056	INLET PROTECTION, TYPE D - HYBRID PROVIDE & INSTALL	35.00	EACH		\$
21057	INLET PROTECTION, TYPE D - HYBRID MAINTAIN	35.00	EACH		\$
21058	INLET PROTECTION, TYPE D - HYBRID REMOVE	35.00	EACH		\$
21051	CLEAN SUMP	4.00	EACH		\$
50411	12 INCH RCP STORM SEWER	169.00	L.F.		\$
50413	18 INCH RCP STORM SEWER PIPE	9.00	L.F.		\$
50499	CONCRETE COLLAR	2.00	EACH		\$
50741	TYPE "H" INLET	5.00	EACH		\$
50751	TYPE "H" INLET WITH SALVAGED CASTING	4.00	EACH		\$
50792	STORM SEWER TAP	3.00	EACH		\$
90032	RECONSTRUCT MANHOLE/INLET TO SAS CASTING	4.00	EACH		\$
90033	INLET CAPPING	1.00	EACH		\$
90035	MAINTAIN INLET DRAINAGE	2.00	EACH		\$
STORM ACCOUNT NO. ESTM-58270-810381-00-53W1409					
10702	TRAFFIC CONTROL FOR STORM SEWER INSTALLATION	1.00	LUMP SUM		\$
10912	MOBILIZATION FOR STORM SEWER INSTALLATION	1.00	LUMP SUM		\$



**EAST WASHINGTON AVENUE & NORTH LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013**

REVISED 1/3/13

CONTRACT NO. 6906

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
20233	RIPRAP FILTER FABRIC, TYPE HR	110.00	S.Y.		\$
50202	TYPE II DEWATERING	1.00	LUMP SUM		\$
50211	SELECT BACKFILL FOR STORM SEWER	500.00	T.F.		\$
50421	54 INCH RCP STORM SEWER PIPE	147.00	L.F.		\$
50725	5'X5' STORM SAS	1.00	EACH		\$
50801	UTILITY LINE OPENING (ULO) (UNDISTRIBUTED)	2.00	EACH		\$
50802	CONCRETE SUPPORTS (UNDISTRIBUTED)	1.00	EACH		\$
90030	STORM CONTROL	1.00	LUMP SUM		\$
90031	STORM SEWER TAP (BOX CULVERT)	1.00	EACH		\$
90034	CONCRETE COLLAR (54" RCP)	1.00	LUMP SUM		\$
TRAFFIC SIGNALS ACCOUNT NO. CS53-58540-810370-00-53W1409-53TIF036					
60222	FURNISH & INSTALL 3 INCH PVC (SCHEDULE 80) CONDUIT	2,435.00	L.F.		\$
60224	FURNISH & INSTALL 3 INCH PVC (SCHEDULE 40) CONDUIT	123.00	L.F.		\$
60230	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 80) CONDUIT	45.00	L.F.		\$
60232	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 40) CONDUIT	270.00	L.F.		\$
60234	FURNISH & INSTALL 1 1/4 INCH PVC (SCHEDULE 40) CONDUIT	24.00	L.F.		\$
60241	GOPHER RACEWAY FOR ELECTRICAL CONDUIT OR CABLE- IN-DUCT	40.00	L.F.		\$
60411	CONSTRUCT TYPE "G" BASE	8.00	EACH		\$
60413	CONSTRUCT TYPE "P" BASE	1.00	EACH		\$
60431	ABANDON EXISTING HANDHOLE	4.00	EACH		\$

**EAST WASHINGTON AVENUE & NORTH LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013**

REVISED 1/3/13

CONTRACT NO. 6906

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
60261	ELECTRICAL TRENCH	1,730.00	L.F.		\$
60602	INSTALL METERED ELECTRIC SERVICE	1.00	EACH		\$
60702	CONSTRUCT ELECTRICAL HANDHOLE TYPE 1	4.00	EACH		\$
60704	CONSTRUCT ELECTRICAL HANDHOLE TYPE 3	1.00	EACH		\$
60706	CONSTRUCT ELECTRICAL HANDHOLE TYPE 5	3.00	EACH		\$
90201	CONSTRUCT ELECTRICAL HANDHOLE TYPE 7	1.00	EACH		\$
90202	CONSTRUCT TYPE "10' BASE	2.00	EACH		\$
STREET LIGHTING ACCOUNT NO. CS53-58545-810370-00-53W1409-53TIF036					
60230	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 80) CONDUIT	940.00	L.F.		\$
60232	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 40) CONDUIT	44.00	L.F.		\$
60241	GOPHER RACEWAY FOR ELECTRICAL CONDUIT OR CABLE-IN-DUCT	20.00	L.F.		\$
60253	WIRES IN EXISTING OR CONTRACTOR-INSTALLED CONDUIT	1,467.00	L.F.		\$
60412	CONSTRUCT TYPE "M' BASE	1.00	EACH		\$
60421	REMOVE STREET LIGHT BASE	4.00	EACH		\$
60422	REMOVE STREET LIGHT POLE	4.00	EACH		\$
60425	REMOVE TRAFFIC SIGNAL OR STREETLIGHT CABINET	1.00	EACH		\$
60501	INSTALL CITY FURNISHED STREET LIGHT UNIT	4.00	EACH		\$
60261	ELECTRICAL TRENCH	220.00	L.F.		\$
60602	INSTALL METERED ELECTRIC SERVICE	1.00	EACH		\$
90203	CONSTRUCT STREET LIGHT BASE SPECIAL	4.00	EACH		\$

**EAST WASHINGTON AVENUE & NORTH LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013**

REVISED 1/3/13

CONTRACT NO. 6906

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
90204	MAINTAIN STREET LIGHTS	1.00	LUMP SUM		\$
WATER ACCOUNT NO. EW01-58273-810455-00-53W1409					
10703	TRAFFIC CONTROL FOR WATER MAIN INSTALLATION	1.00	LUMP SUM		\$
10913	MOBILIZATION FOR WATER MAIN INSTALLATION	1.00	LUMP SUM		\$
50202	TYPE II DEWATERING	1.00	LUMP SUM		\$
70002	FURNISH AND INSTALL 6 INCH PIPE & FITTINGS	10.00	L.F.		\$
70004	FURNISH AND INSTALL 10 INCH PIPE & FITTINGS	20.00	L.F.		\$
70006	FURNISH AND INSTALL 16 INCH PIPE & FITTINGS	30.00	L.F.		\$
70405	CUT-IN CONNECTION	4.00	EACH		\$
70408	SELECT FILL - SAND FOR WATER	60.00	L.F.		\$
70409	UNDERCUT	20.00	C.Y.		\$
70413	FURNISH AND INSTALL STYROFOAM	16.00	L.F.		\$
70415	ABANDON WATER VALVE BOX	2.00	EACH		\$
70418	ADJUST WATER VALVE BOX	3.00	EACH		\$
70430	FURNISH AND INSTALL 10 INCH VALVE	1.00	EACH		\$
90160	FURNISH, INSTALL AND REMOVE TEMPORARY HYDRANT	1.00	EACH		\$

GRAND TOTAL

SECTION E: PROPOSAL

EAST WASHINGTON AVENUE AND LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013
CONTRACT NO. 6906

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. 1-13-2013 through _____ issued thereto, at the prices for said work as contained in this proposal.
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. Accompanying this Proposal is Bid Bond or Certified Check in the amount of _____ Dollars (\$) or a Certificate of Biennial Bid Bond as required by the Advertisement for Bids.

(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 Ronald P. Cattell, Inc. (name of corporation, partnership, or person submitting bid) a corporation organized and existing under the laws of the State of WISCONSIN; an individual trading as _____; of the City of MADISON; State of WIS; 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.

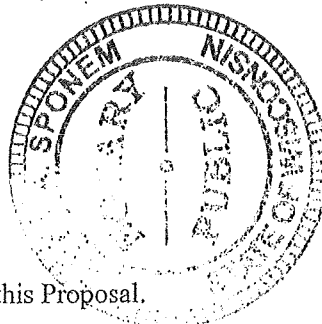
[Signature]
SIGNATURE

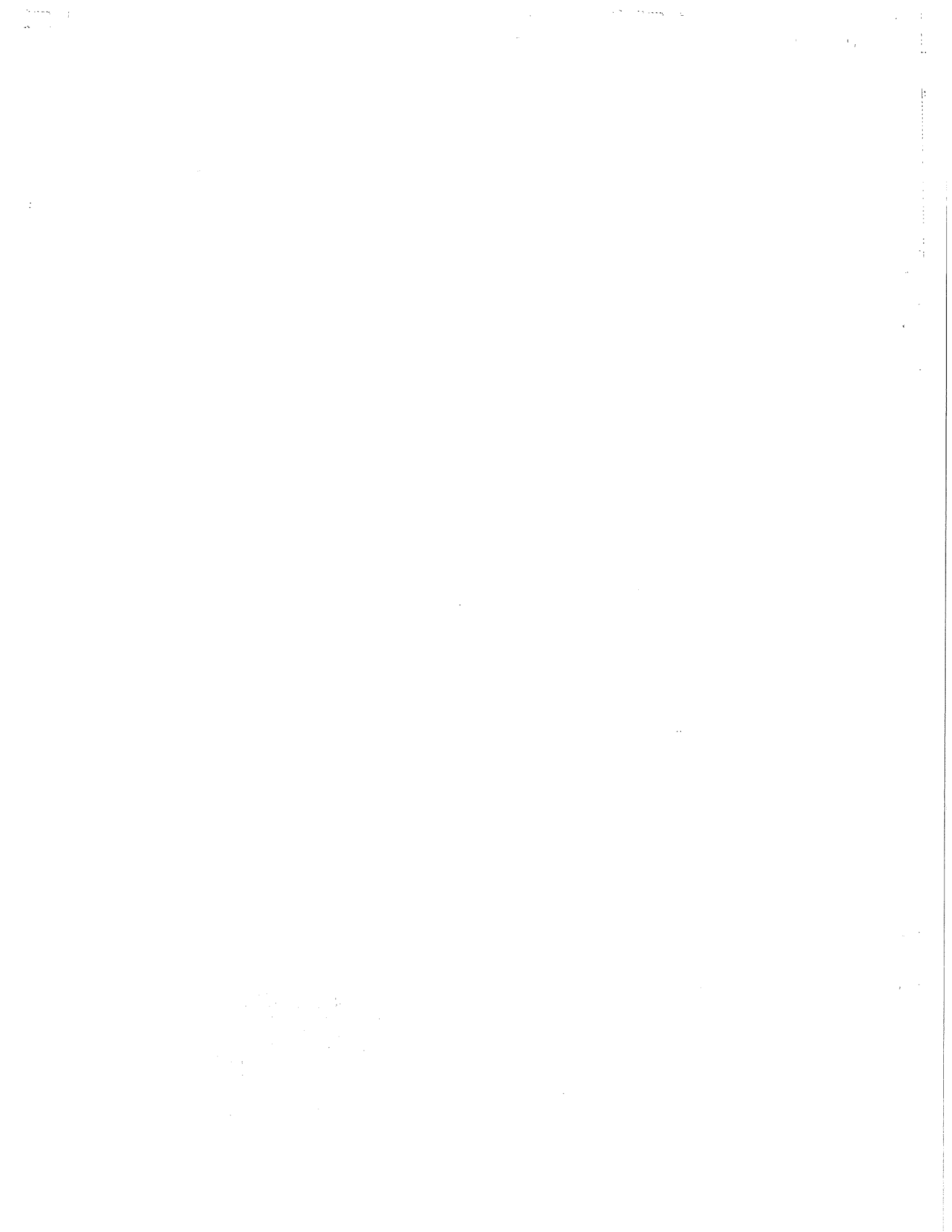
Secretary
TITLE, IF ANY

Sworn and subscribed before me this
9 day of January, 20 13
James A. Spahr

(Notary Public or other officer authorized to administer oaths)
My Commission Expires 12-21-14

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





**EAST WASHINGTON AVENUE AND LIVINGSTON STREET INTERSECTION IMPROVEMENTS -
2013
CONTRACT NO. 6906**

State of Wisconsin
Department of Workforce Development
Equal Rights Division
Labor Standards Bureau

Disclosure of Ownership

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) and 103.49(7)(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), Wisconsin Statutes. 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

Name of Business

Street Address or P O Box

City

State

Zip Code

Name of Business

Street Address or P O Box

City

State

Zip Code

Name of Business

Street Address or P O Box

City

State

Zip Code

I hereby state under penalty of perjury that the information, contained in this document, is true and accurate according to my knowledge and belief.

Print the Name of Authorized Officer

Signature of Authorized Officer

Date Signed

Name of Corporation, Partnership or Sole Proprietorship

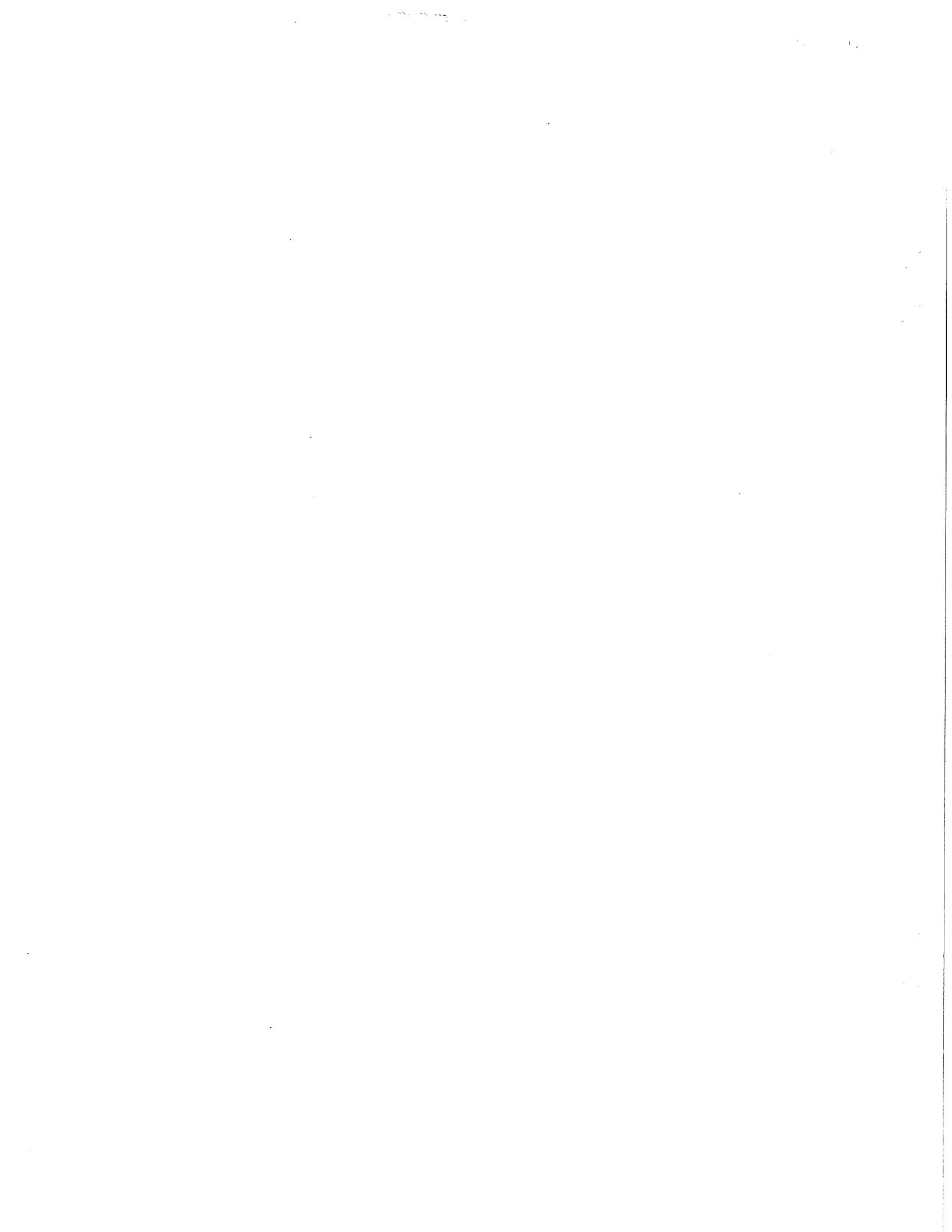
Street Address or P O Box

City

State

Zip Code

If you have any questions call (608) 266-0028



EAST WASHINGTON AVENUE AND LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013
CONTRACT NO. 6906

Best Value Contracting

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

NONE

2. Some Contractors are exempt due to the size of the work force. Apprenticeable trades are those trades considered apprenticeable by the State of Wisconsin.

Check Here if the Contractor has a total skilled work force of four or less individuals in all apprenticeable trades combined. This contractor is exempt from Best Value Contracting.

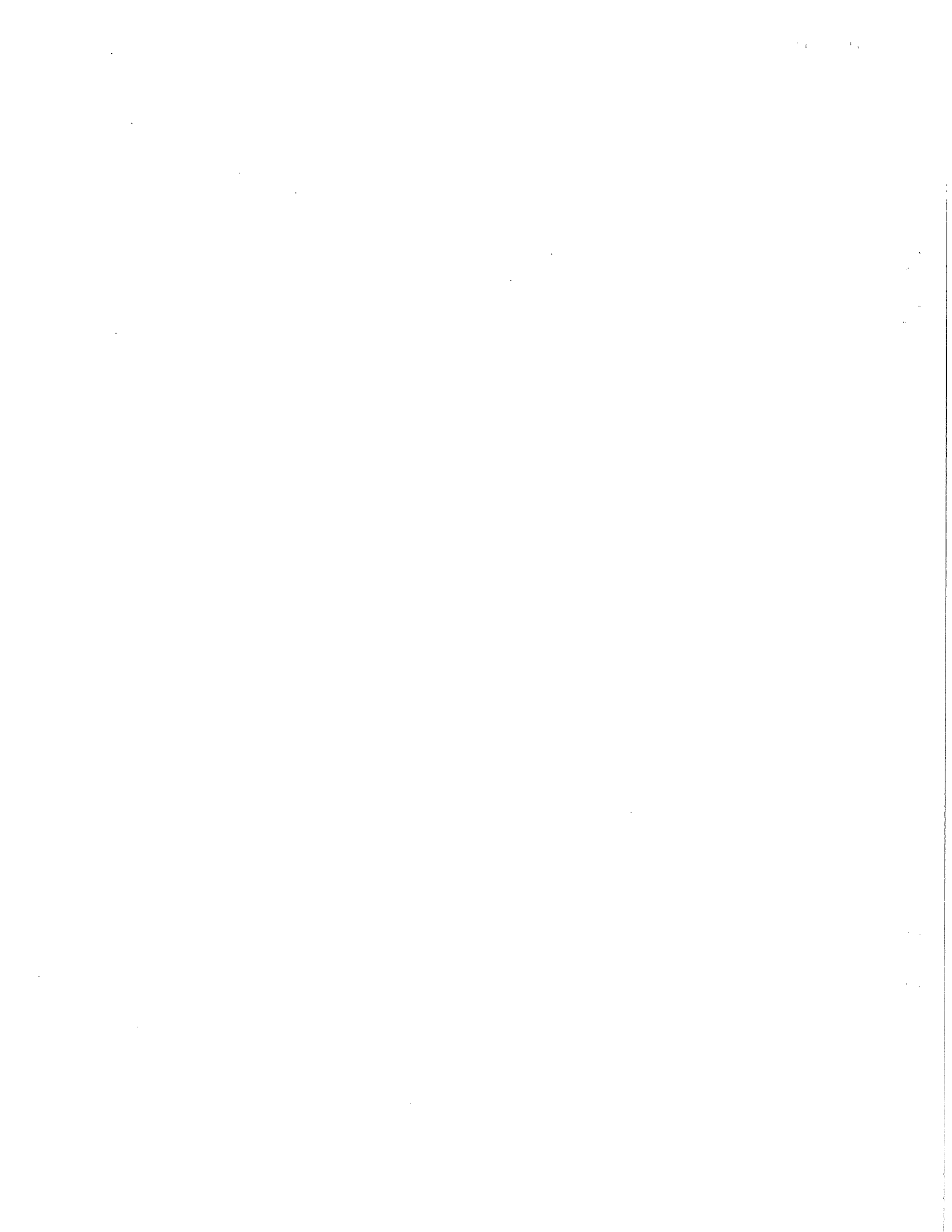
3. The Contractor shall indicate on page E-4 which apprenticeable trades are to be used on this Contract and shall indicate by checking the appropriate box for the trades used, how the contractor will comply with Madison General Ordinance 33.07(7).

Legend

Number of Journeyworkers	The Contractor shall indicated for trades to be used on this Contract only, the number of journeyworkers that the Contractor has employed company wide.
W-ATT	The Contractor is an active trade trainer in the State of Wisconsin for the trade indicated.
US-ATT	The Contractor is an active trade trainer in an apprenticeship program approved by the U.S. Department of Labor or another state apprenticeship agency in the trade indicated.
SB-ATT	The Contractor shall become an active trade trainer prior to beginning work on the Contract in the trade indicated.

The Contractor has reviewed the list on page E-4 and shall not use any apprenticeable trades on this project.

The Contractor has reviewed this list on E-4 and has checked the appropriate box by each apprenticeable trade to be used on the project.

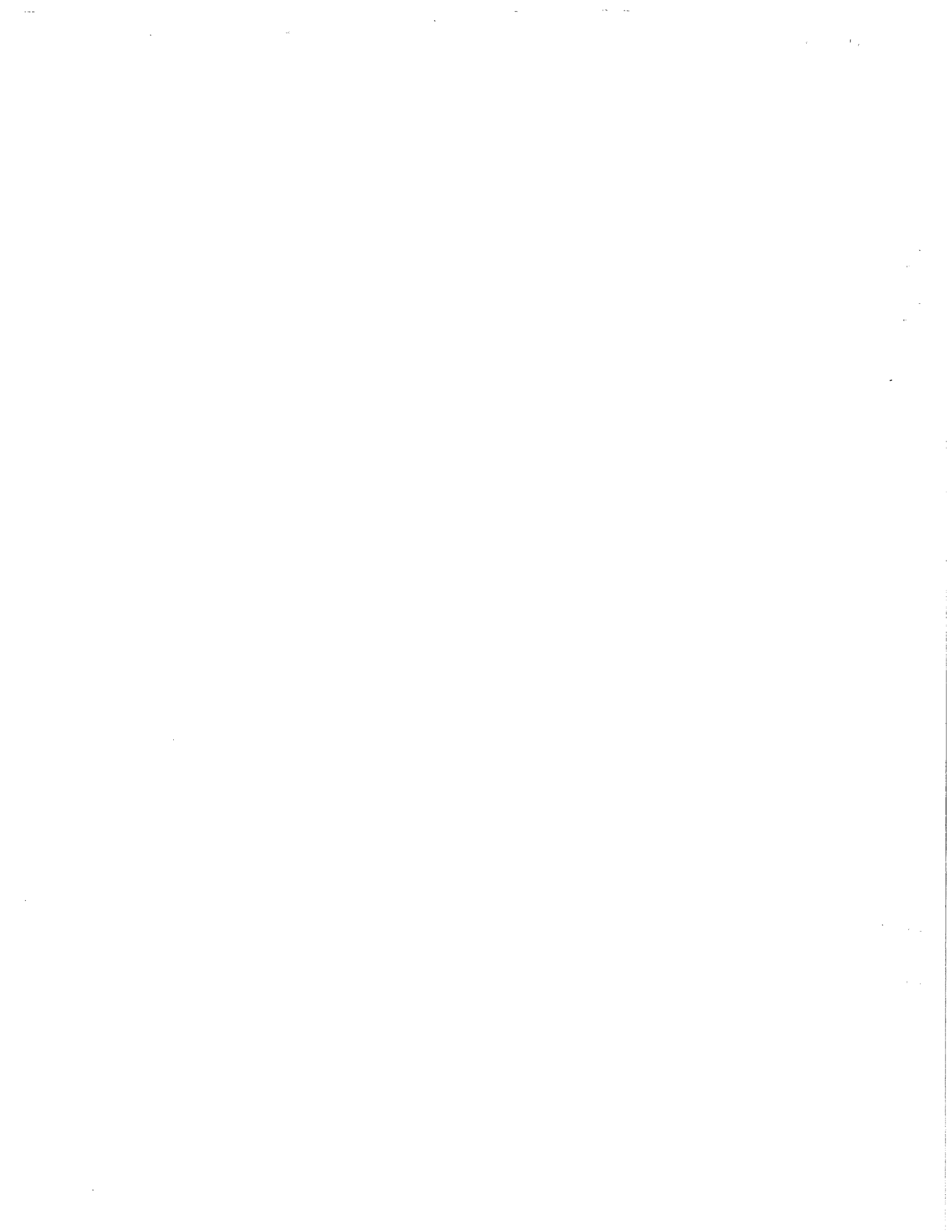


**EAST WASHINGTON AVENUE AND LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013
CONTRACT NO. 6906**

Apprenticeable Trades

Check the box in the column "Trade Used on This Project" for each apprenticeable trades used on this project. For those trades used on the project indicated the number of journeyworkers that are employed company wide and check a box to the right of the trade as to how the Contractor will comply MGO 33.07(7). Refer to the legend on page E-3 for the meaning associated with each heading. The Contractor must check one of the boxes on the right for each apprenticeable trade used and checked on the left.

Trade Used on Contract	Apprenticeable Trades	Number of Journeyworkers	W-ATT	US-ATT	SB-ATT
<input type="checkbox"/>	Bricklayer		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Carpenter		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Cement Mason / Concrete Finisher		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Cement Mason (Heavy Highway)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Construction Craft Laborer		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Data Communication Installer		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Electrician		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Environmental Systems Technician / HVAC Service Tech/HVAC Install / Service		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Glazier		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Heavy Equipment Operator / Operating Engineer		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Insulation Worker (Heat & Frost)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Iron Worker		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Iron Worker (Assembler, Metal Bldgs)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Painter & Decorator		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Plasterer		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Plumber		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Residential Electrician		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Roofer & Waterproofer		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Sheet Metal Worker		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Sprinklerfitter		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Steamfitter		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Steamfitter (Refrigeration)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Steamfitter (Service)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Taper & Finisher		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Telecommunications (Voice, Data & Video) Installer-Technician		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Tile Setter		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



NAME OF BIDDER

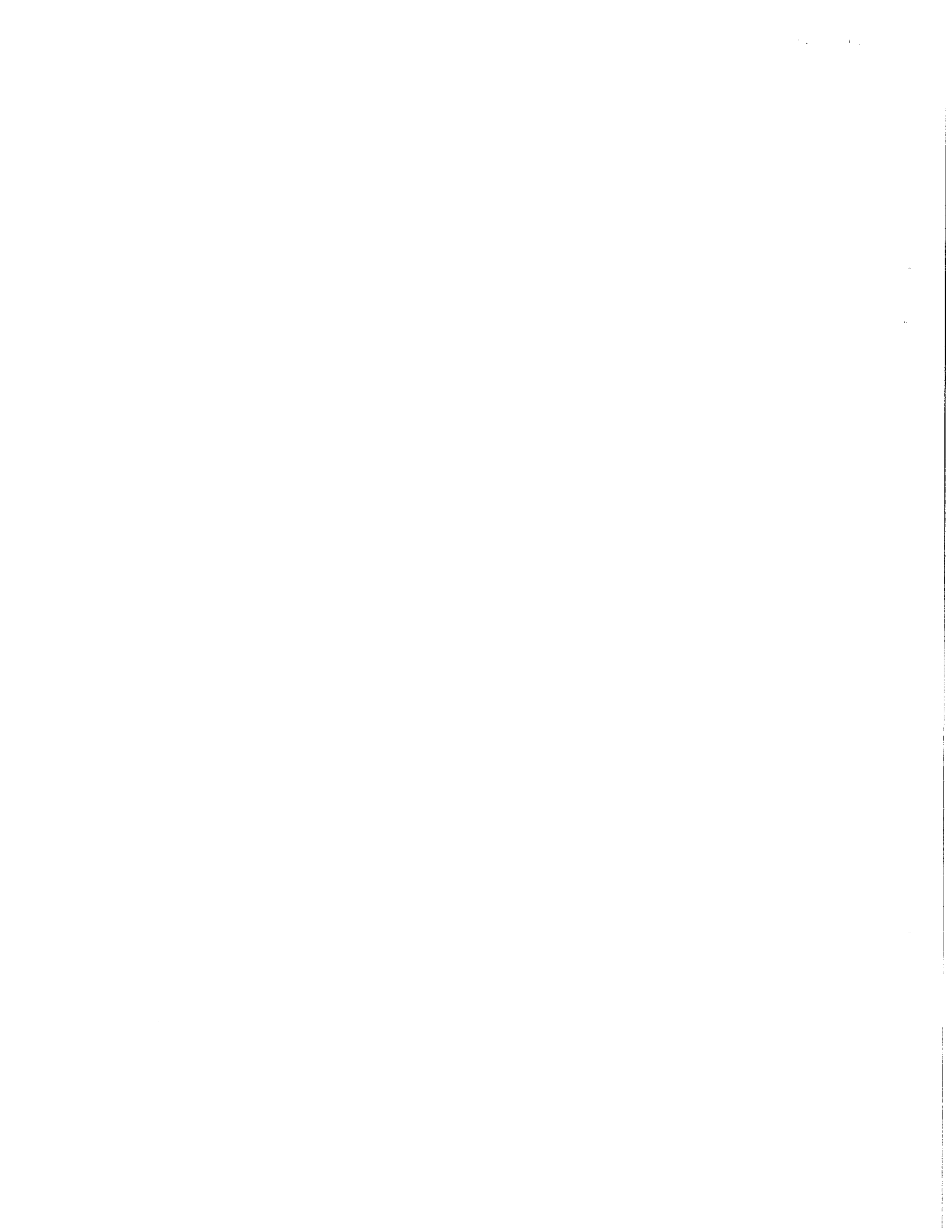
PROPOSAL

**EAST WASHINGTON AVENUE & NORTH LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013**

REVISED 1/3/13

CONTRACT NO. 6906

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
STREET ACCOUNT NO. CS53-58250-810370-00-53W1409-53TIF036					
10701	TRAFFIC CONTROL	1.00	LS	\$15,000.00	\$15,000.00
10721	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	80.00	DAYS	\$65.00	\$5,200.00
10911	MOBILIZATION	1.00	LS	\$26,500.00	\$26,500.00
10801	ROOT CUTTING - CURB & GUTTER	50.00	LF	\$10.00	\$500.00
10802	ROOT CUTTING - SIDEWALK	50.00	LF	\$10.00	\$500.00
20101	EXCAVATION CUT	1,780.00	CY	\$14.00	\$24,920.00
20140	GEOTEXTILE FABRIC TYPE SAS (NON-WOVEN)	100.00	SY	\$5.00	\$500.00
20219	BREAKER RUN	300.00	TON	\$10.00	\$3,000.00
20221	TOPSOIL	1,100.00	SY	\$3.00	\$3,300.00
20303	SAWCUT BITUMINOUS PAVEMENT, FULL DEPTH	350.00	LF	\$1.25	\$437.50
20304	SAWCUT CONCRETE PAVEMENT, FULL DEPTH	3,600.00	LF	\$1.75	\$6,300.00
20321	REMOVE CONCRETE PAVEMENT	4,110.00	SY	\$4.60	\$18,906.00
20322	REMOVE CONCRETE CURB & GUTTER	3,190.00	LF	\$2.40	\$7,656.00
20323	REMOVE CONCRETE SIDEWALK & DRIVE	4,900.00	SF	\$1.50	\$7,350.00
20401	CLEARING	150.00	I.D.	\$8.00	\$1,200.00
20403	GRUBBING	150.00	I.D.	\$8.00	\$1,200.00
20501	ADJUST SEWER ACCESS STRUCTURE	5.00	EACH	\$300.00	\$1,500.00



**EAST WASHINGTON AVENUE & NORTH LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013**

REVISED 1/3/13

CONTRACT NO. 6906

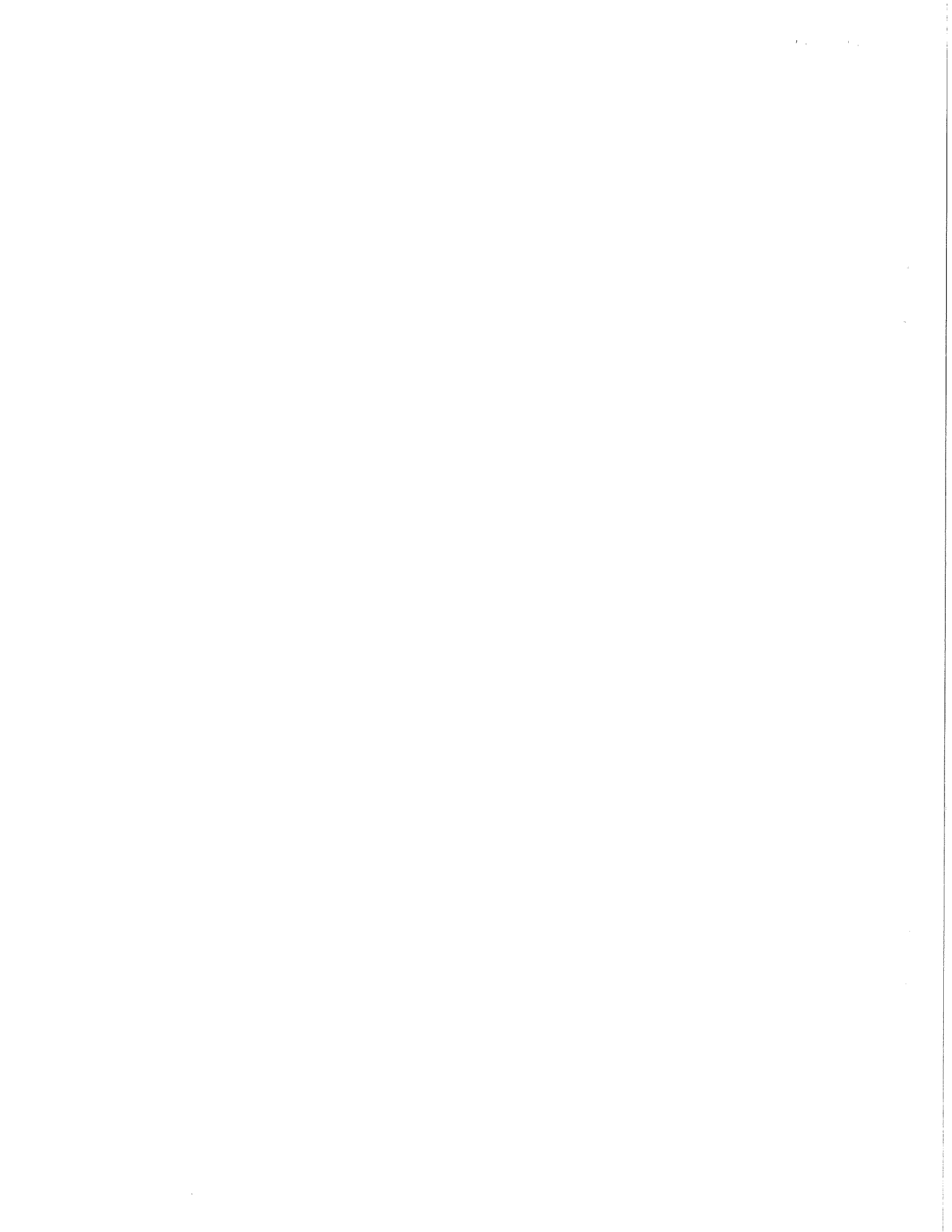
ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
20506	ADJUST SEWER ACCESS STRUCTURE CASTING	5.00	EACH	\$300.00	\$1,500.00
20701	TERRACE SEEDING (UNDISTRIBUTED)	100.00	SY	\$1.40	\$140.00
20801	SODDING	610.00	SY	\$4.40	\$2,684.00
21061	EROSION MATTING, CLASS I, URBAN TYPE A (UNDISTRIBUTED)	100.00	SY	\$2.40	\$240.00
30201	TYPE 'A' CONCRETE CURB & GUTTER	925.00	LF	\$14.00	\$12,950.00
30204	TYPE 'D' CONCRETE CURB & GUTTER	155.00	LF	\$20.00	\$3,100.00
30207	TYPE 'H' CONCRETE CURB & GUTTER	1,875.00	LF	\$11.00	\$20,625.00
30301	5" CONCRETE SIDEWALK	2,395.00	SF	\$4.00	\$9,580.00
30302	7" CONCRETE SIDEWALK AND DRIVE	1,140.00	SF	\$4.35	\$4,959.00
30340	CURB RAMP DETECTABLE WARNING FIELD	120.00	SF	\$25.00	\$3,000.00
40102	CRUSHED AGGREGATE BASE COURSE, GRADATION 2	1,600.00	TON	\$12.00	\$19,200.00
40231	ASPHALT DRIVE & TERRACE	100.00	SY	\$45.00	\$4,500.00
40403	10-INCH CONCRETE PAVEMENT	5,040.00	SY	\$45.00	\$226,800.00
60801	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	100.00	LF	\$2.50	\$250.00
60812	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	200.00	LF	\$6.50	\$1,300.00
60814	PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH	300.00	LF	\$8.25	\$2,475.00
60818	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH	150.00	LF	\$12.50	\$1,875.00
60819	PAVEMENT MARKING EPOXY, CURB	225.00	LF	\$9.50	\$2,137.50
60820	PAVEMENT MARKING EPOXY, MEDIAN NOSE	36.00	SF	\$8.50	\$306.00
60823	PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE	2.00	EACH	\$125.00	\$250.00

**EAST WASHINGTON AVENUE & NORTH LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013**

REVISED 1/3/13

CONTRACT NO. 6906

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
60881	PAVEMENT MARKING REMOVAL, WET REFLECTIVE CONTRAST TAPE, 6-INCH	70.00	LF	\$2.50	\$175.00
60889	PAVEMENT MARKING REMOVAL, SYMBOL, BIKE LANE	2.00	EACH	\$75.00	\$150.00
60891	PAVEMENT MARKING REMOVAL, SYMBOL, BIKE ARROW	2.00	EACH	\$65.00	\$130.00
60940	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, LINE, 4-INCH	4,500.00	LF	\$0.90	\$4,050.00
60941	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, DOUBLE LINE, 4-INCH	1,000.00	LF	\$1.80	\$1,800.00
90001	PAVED SURFACE TEMPORARY	2,060.00	SY	\$33.00	\$67,980.00
90003	TEXTURED & COLORED CONCRETE SIDEWALK 5"	2,050.00	SF	\$7.50	\$15,375.00
90004	EXCAVATION, HAULING AND DISPOSAL OF CONTAMINATED SOIL	300.00	TON	\$14.00	\$4,200.00
90600	PAVEMENT MARKING GROOVED WET REFLECTIVE CONTRAST TAPE 4-INCH	800.00	LF	\$9.75	\$7,800.00
90601	PAVEMENT MARKING GROOVED WET REFLECTIVE CONTRAST TAPE 8-INCH	535.00	LF	\$14.25	\$7,623.75
STREET ACCOUNT NO. CS53-58270-810370-00-53W1409-53TIF036					
20217	CLEAR STONE	200.00	TON	\$10.00	\$2,000.00
20313	REMOVE INLET	6.00	EACH	\$300.00	\$1,800.00
20314	REMOVE PIPE	195.00	L.F.	\$10.00	\$1,950.00
20503	ADJUST INLET	5.00	EACH	\$300.00	\$1,500.00



**EAST WASHINGTON AVENUE & NORTH LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013**

REVISED 1/3/13

CONTRACT NO. 6906

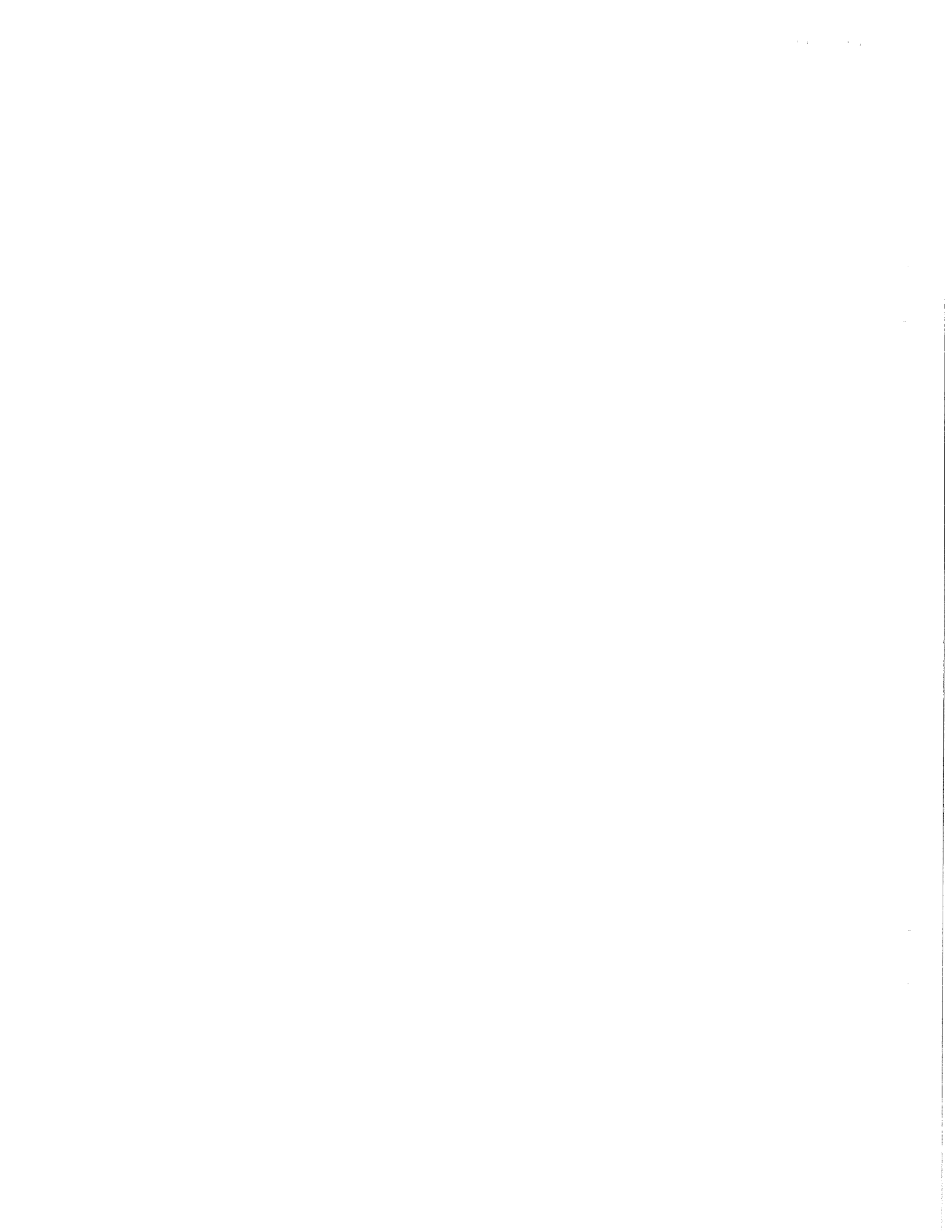
ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
20506	ADJUST SAS CASTING	5.00	EACH	\$300.00	\$1,500.00
21001	EROSION CONTROL PLAN & IMPLEMENTATION	1.00	LUMP SUM	\$2,000.00	\$2,000.00
21002	EROSION CONTROL INSPECTION	16.00	EACH	\$350.00	\$5,600.00
21011	CONSTRUCTION ENTRANCE (UNDISTRIBUTED)	4.00	EACH	\$50.00	\$200.00
21013	STREET SWEEPING	1.00	LUMP SUM	\$1,000.00	\$1,000.00
21056	INLET PROTECTION, TYPE D - HYBRID PROVIDE & INSTALL	35.00	EACH	\$130.00	\$4,550.00
21057	INLET PROTECTION, TYPE D - HYBRID MAINTAIN	35.00	EACH	\$65.00	\$2,275.00
21058	INLET PROTECTION, TYPE D - HYBRID REMOVE	35.00	EACH	\$25.00	\$875.00
21051	CLEAN SUMP	4.00	EACH	\$300.00	\$1,200.00
50411	12 INCH RCP STORM SEWER	169.00	L.F.	\$50.00	\$8,450.00
50413	18 INCH RCP STORM SEWER PIPE	9.00	L.F.	\$60.00	\$540.00
50499	CONCRETE COLLAR	2.00	EACH	\$400.00	\$800.00
50741	TYPE "H" INLET	5.00	EACH	\$1,600.00	\$8,000.00
50751	TYPE "H" INLET WITH SALVAGED CASTING	4.00	EACH	\$1,200.00	\$4,800.00
50792	STORM SEWER TAP	3.00	EACH	\$500.00	\$1,500.00
90032	RECONSTRUCT MANHOLE/INLET TO SAS CASTING	4.00	EACH	\$3,500.00	\$14,000.00
90033	INLET CAPPING	1.00	EACH	\$950.00	\$950.00
90035	MAINTAIN INLET DRAINAGE	2.00	EACH	\$1,000.00	\$2,000.00
STORM ACCOUNT NO. ESTM-58270-810381-00-53W1409					
10702	TRAFFIC CONTROL FOR STORM SEWER INSTALLATION	1.00	LUMP SUM	\$5,000.00	\$5,000.00
10912	MOBILIZATION FOR STORM SEWER INSTALLATION	1.00	LUMP SUM	\$19,500.00	\$19,500.00

**EAST WASHINGTON AVENUE & NORTH LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013**

REVISED 1/3/13

CONTRACT NO. 6906

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
20233	RIPRAP FILTER FABRIC, TYPE HR	110.00	S.Y.	\$5.00	\$550.00
50202	TYPE II DEWATERING	1.00	LUMP SUM	\$100.00	\$100.00
50211	SELECT BACKFILL FOR STORM SEWER	500.00	T.F.	\$5.00	\$2,500.00
50421	54 INCH RCP STORM SEWER PIPE	147.00	L.F.	\$189.00	\$27,783.00
50725	5'X5' STORM SAS	1.00	EACH	\$7,800.00	\$7,800.00
50801	UTILITY LINE OPENING (ULO) (UNDISTRIBUTED)	2.00	EACH	\$400.00	\$800.00
50802	CONCRETE SUPPORTS (UNDISTRIBUTED)	1.00	EACH	\$1,000.00	\$1,000.00
90030	STORM CONTROL	1.00	LUMP SUM	\$6,400.00	\$6,400.00
90031	STORM SEWER TAP (BOX CULVERT)	1.00	EACH	\$6,000.00	\$6,000.00
90034	CONCRETE COLLAR (54" RCP)	1.00	LUMP SUM	\$1,200.00	\$1,200.00
TRAFFIC SIGNALS ACCOUNT NO. CS53-58540-810370-00-53W1409-53TIF036					
60222	FURNISH & INSTALL 3 INCH PVC (SCHEDULE 80) CONDUIT	2,435.00	L.F.	\$6.00	\$14,610.00
60224	FURNISH & INSTALL 3 INCH PVC (SCHEDULE 40) CONDUIT	123.00	L.F.	\$5.00	\$615.00
60230	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 80) CONDUIT	45.00	L.F.	\$6.00	\$270.00
60232	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 40) CONDUIT	270.00	L.F.	\$5.00	\$1,350.00
60234	FURNISH & INSTALL 1 1/4 INCH PVC (SCHEDULE 40) CONDUIT	24.00	L.F.	\$5.00	\$120.00
60241	GOPHER RACEWAY FOR ELECTRICAL CONDUIT OR CABLE- IN-DUCT	40.00	L.F.	\$20.00	\$800.00
60411	CONSTRUCT TYPE "G" BASE	8.00	EACH	\$450.00	\$3,600.00
60413	CONSTRUCT TYPE "P" BASE	1.00	EACH	\$1,200.00	\$1,200.00
60431	ABANDON EXISTING HANDHOLE	4.00	EACH	\$50.00	\$200.00

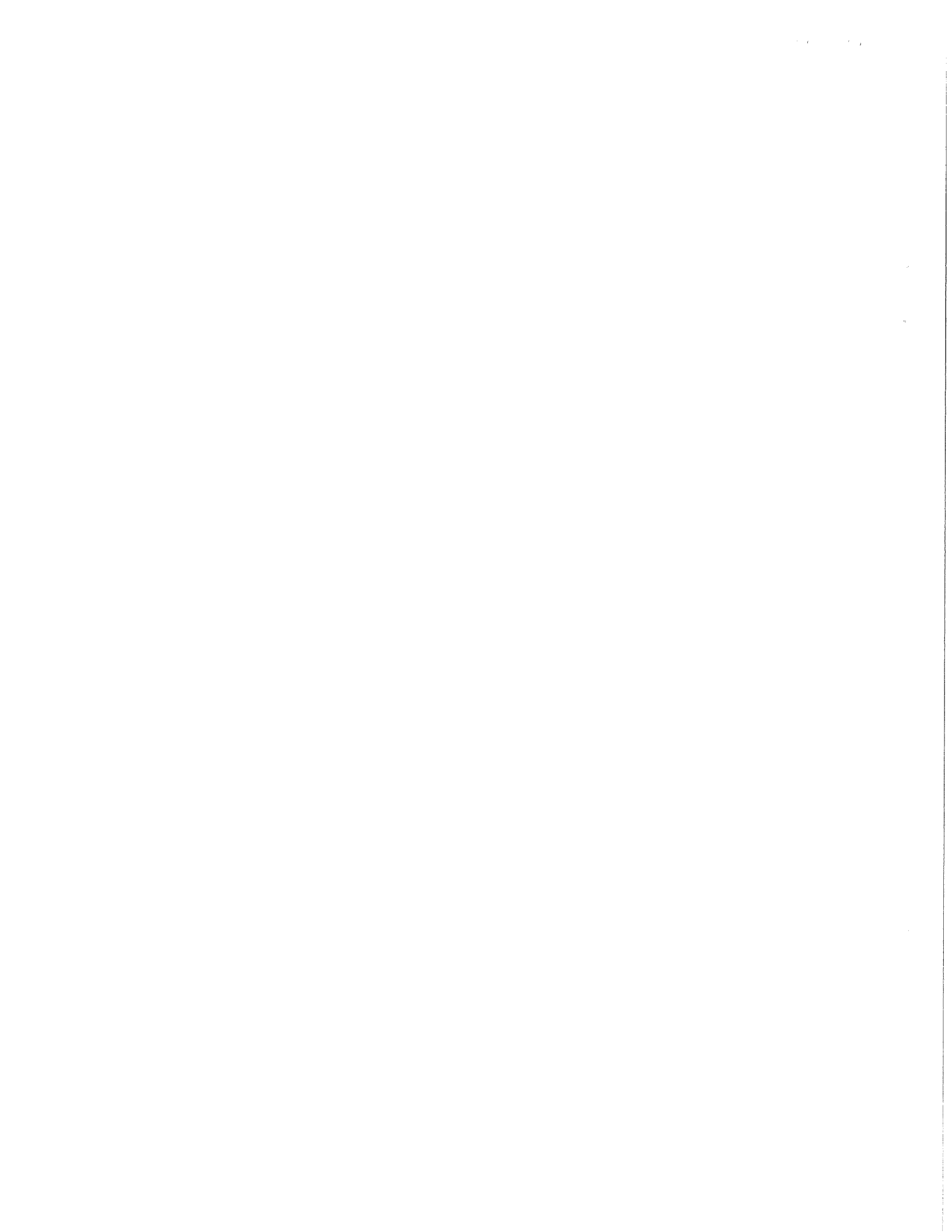


**EAST WASHINGTON AVENUE & NORTH LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013**

REVISED 1/3/13

CONTRACT NO. 6906

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
60261	ELECTRICAL TRENCH	1,730.00	L.F.	\$0.50	\$865.00
60602	INSTALL METERED ELECTRIC SERVICE	1.00	EACH	\$900.00	\$900.00
60702	CONSTRUCT ELECTRICAL HANDHOLE TYPE 1	4.00	EACH	\$900.00	\$3,600.00
60704	CONSTRUCT ELECTRICAL HANDHOLE TYPE 3	1.00	EACH	\$640.00	\$640.00
60706	CONSTRUCT ELECTRICAL HANDHOLE TYPE 5	3.00	EACH	\$1,200.00	\$3,600.00
90201	CONSTRUCT ELECTRICAL HANDHOLE TYPE 7	1.00	EACH	\$1,750.00	\$1,750.00
90202	CONSTRUCT TYPE "10' BASE	2.00	EACH	\$4,200.00	\$8,400.00
STREET LIGHTING ACCOUNT NO. CS53-58545-810370-00-53W1409-53TIF036					
60230	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 80) CONDUIT	940.00	L.F.	\$6.00	\$5,640.00
60232	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 40) CONDUIT	44.00	L.F.	\$5.00	\$220.00
60241	GOPHER RACEWAY FOR ELECTRICAL CONDUIT OR CABLE-IN-DUCT	20.00	L.F.	\$20.00	\$400.00
60253	WIRES IN EXISTING OR CONTRACTOR-INSTALLED CONDUIT	1,467.00	L.F.	\$5.50	\$8,068.50
60412	CONSTRUCT TYPE "M' BASE	1.00	EACH	\$1,200.00	\$1,200.00
60421	REMOVE STREET LIGHT BASE	4.00	EACH	\$200.00	\$800.00
60422	REMOVE STREET LIGHT POLE	4.00	EACH	\$100.00	\$400.00
60425	REMOVE TRAFFIC SIGNAL OR STREETLIGHT CABINET	1.00	EACH	\$100.00	\$100.00
60501	INSTALL CITY FURNISHED STREET LIGHT UNIT	4.00	EACH	\$200.00	\$800.00
60261	ELECTRICAL TRENCH	220.00	L.F.	\$0.50	\$110.00
60602	INSTALL METERED ELECTRIC SERVICE	1.00	EACH	\$900.00	\$900.00
90203	CONSTRUCT STREET LIGHT BASE SPECIAL	4.00	EACH	\$600.00	\$2,400.00



**EAST WASHINGTON AVENUE & NORTH LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013**

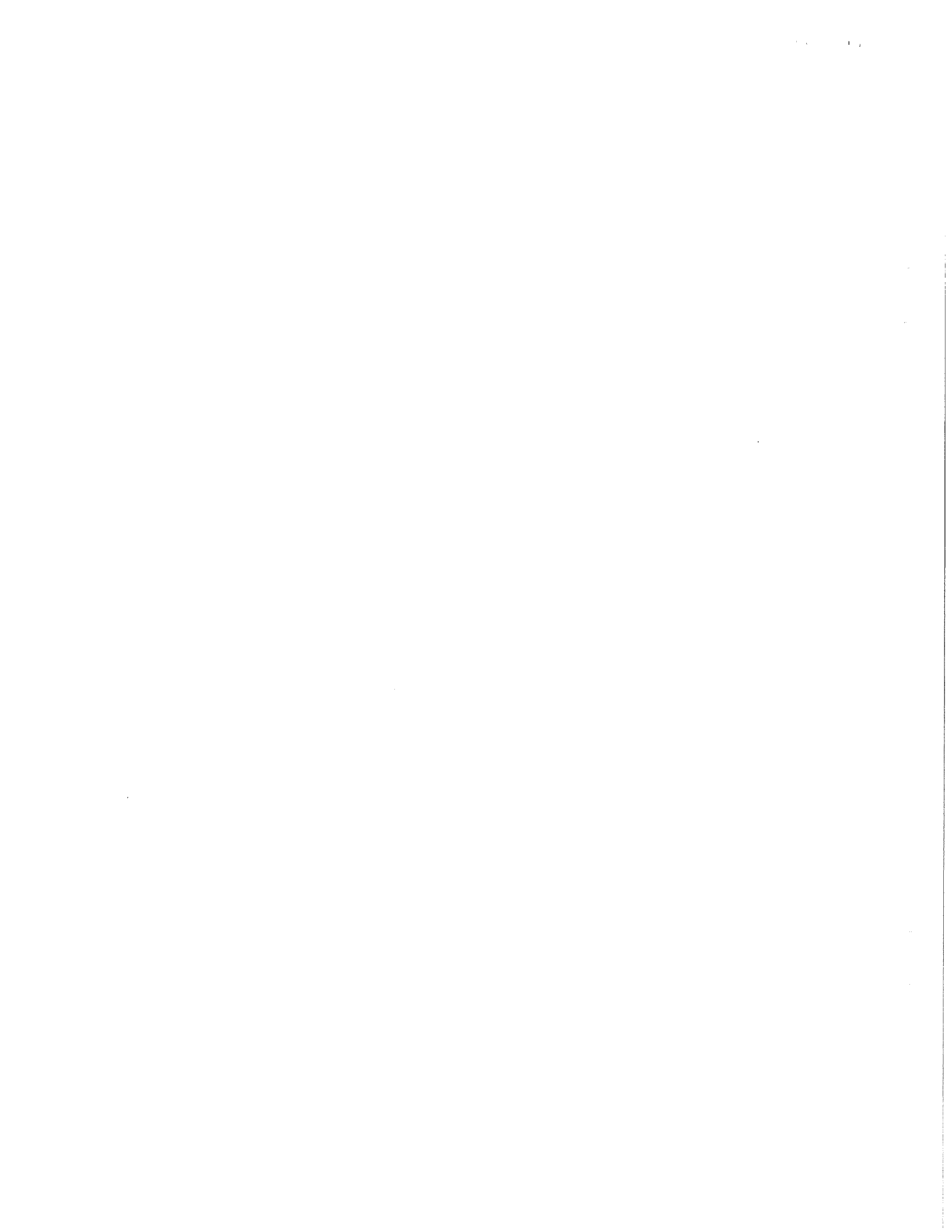
REVISED 1/3/13

CONTRACT NO. 6906

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
90204	MAINTAIN STREET LIGHTS	1.00	LUMP SUM	\$3,500.00	\$3,500.00
WATER ACCOUNT NO. EW01-58273-810455-00-53W1409					
10703	TRAFFIC CONTROL FOR WATER MAIN INSTALLATION	1.00	LUMP SUM	\$4,390.00	\$4,390.00
10913	MOBILIZATION FOR WATER MAIN INSTALLATION	1.00	LUMP SUM	\$7,400.00	\$7,400.00
50202	TYPE II DEWATERING	1.00	LUMP SUM	\$100.00	\$100.00
70002	FURNISH AND INSTALL 6 INCH PIPE & FITTINGS	10.00	L.F.	\$155.00	\$1,550.00
70004	FURNISH AND INSTALL 10 INCH PIPE & FITTINGS	20.00	L.F.	\$405.00	\$8,100.00
70006	FURNISH AND INSTALL 16 INCH PIPE & FITTINGS	30.00	L.F.	\$665.00	\$19,950.00
70405	CUT-IN CONNECTION	4.00	EACH	\$2,200.00	\$8,800.00
70408	SELECT FILL - SAND FOR WATER	60.00	L.F.	\$1.00	\$60.00
70409	UNDERCUT	20.00	C.Y.	\$55.00	\$1,100.00
70413	FURNISH AND INSTALL STYROFOAM	16.00	L.F.	\$7.00	\$112.00
70415	ABANDON WATER VALVE BOX	2.00	EACH	\$150.00	\$300.00
70418	ADJUST WATER VALVE BOX	3.00	EACH	\$250.00	\$750.00
70430	FURNISH AND INSTALL 10 INCH VALVE	1.00	EACH	\$2,500.00	\$2,500.00
90160	FURNISH, INSTALL AND REMOVE TEMPORARY HYDRANT	1.00	EACH	\$4,450.00	\$4,450.00

GRAND TOTAL

\$823,868.25





Department of Public Works
City Engineering Division

608 266 4751

Robert F. Phillips, P.E.
City Engineer

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

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

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

Operations Manager
Kathleen M. Cryan

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

Financial Officer
Steven B. Danner-Rivers
Hydrogeologist
Brynn Bemis

BIENNIAL BID BOND

Raymond P. Cattell, Inc.

(a corporation of the State of Wisconsin)
(individual), (partnership), (hereinafter referred to as the "Principal") and
The Ohio Casualty Insurance Company

a corporation of the State of Ohio (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.

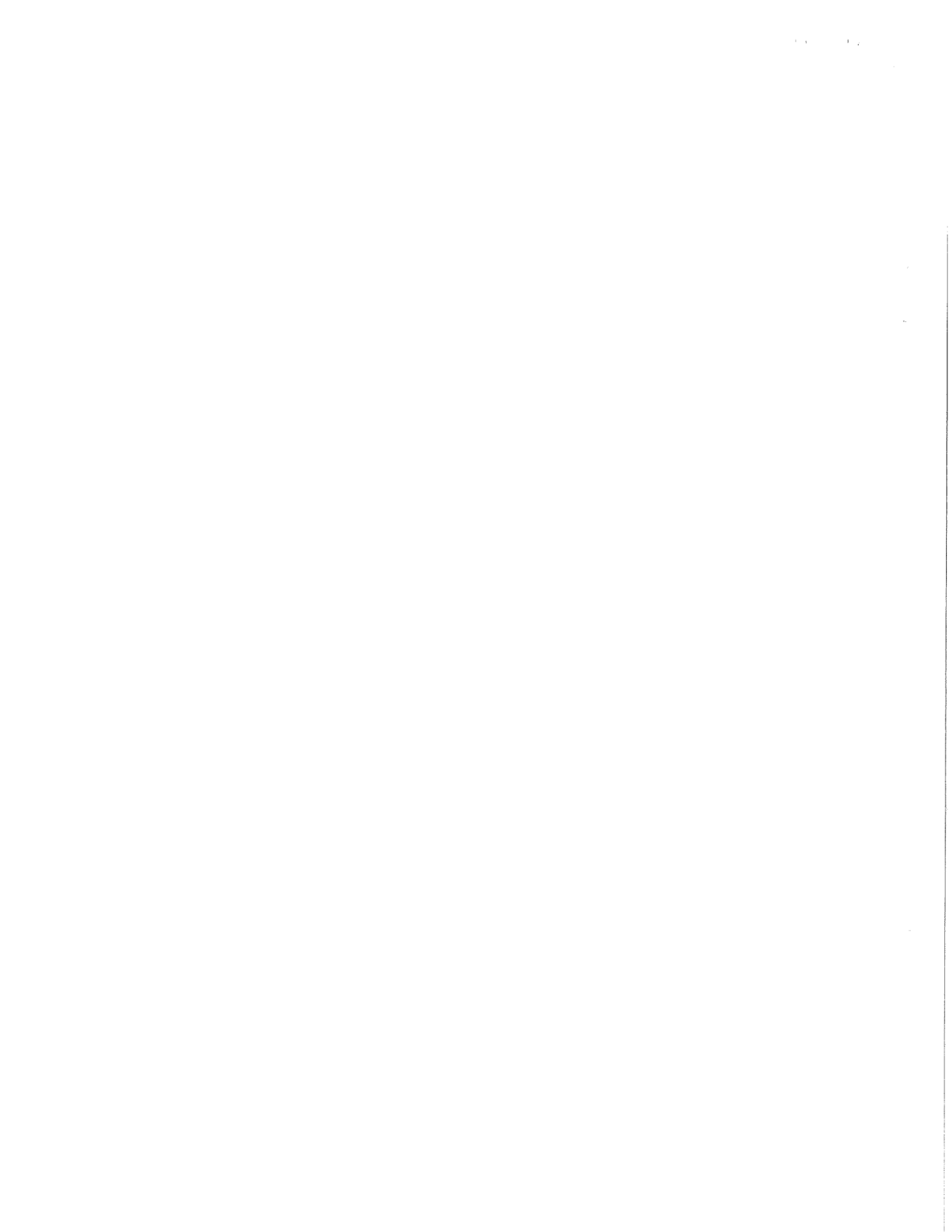
The condition of this obligation is that the Principal has submitted to the City certain bids for projects from the time period of February 1, 2012 through February 1, 2014.

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

Raymond P. Cattell, Inc.

COMPANY NAME

AFFIX SEAL

12-20-2011

DATE

By:

James J. Spore - Treasurer
SIGNATURE AND TITLE

SURETY

The Ohio Casualty Insurance Company

COMPANY NAME

AFFIX SEAL

December 14, 2011

DATE

By:

Eileen Miller
SIGNATURE AND TITLE

This certifies that I have been duly licensed as an agent for the Surety in Wisconsin under License No. 2513583 for the year 2011-2012, and appointed as attorney in fact with authority to execute this bid bond, which power of attorney has not been revoked.

December 14, 2011

DATE

Eileen Miller

AGENT

M3, 3113 West Beltline Highway

ADDRESS

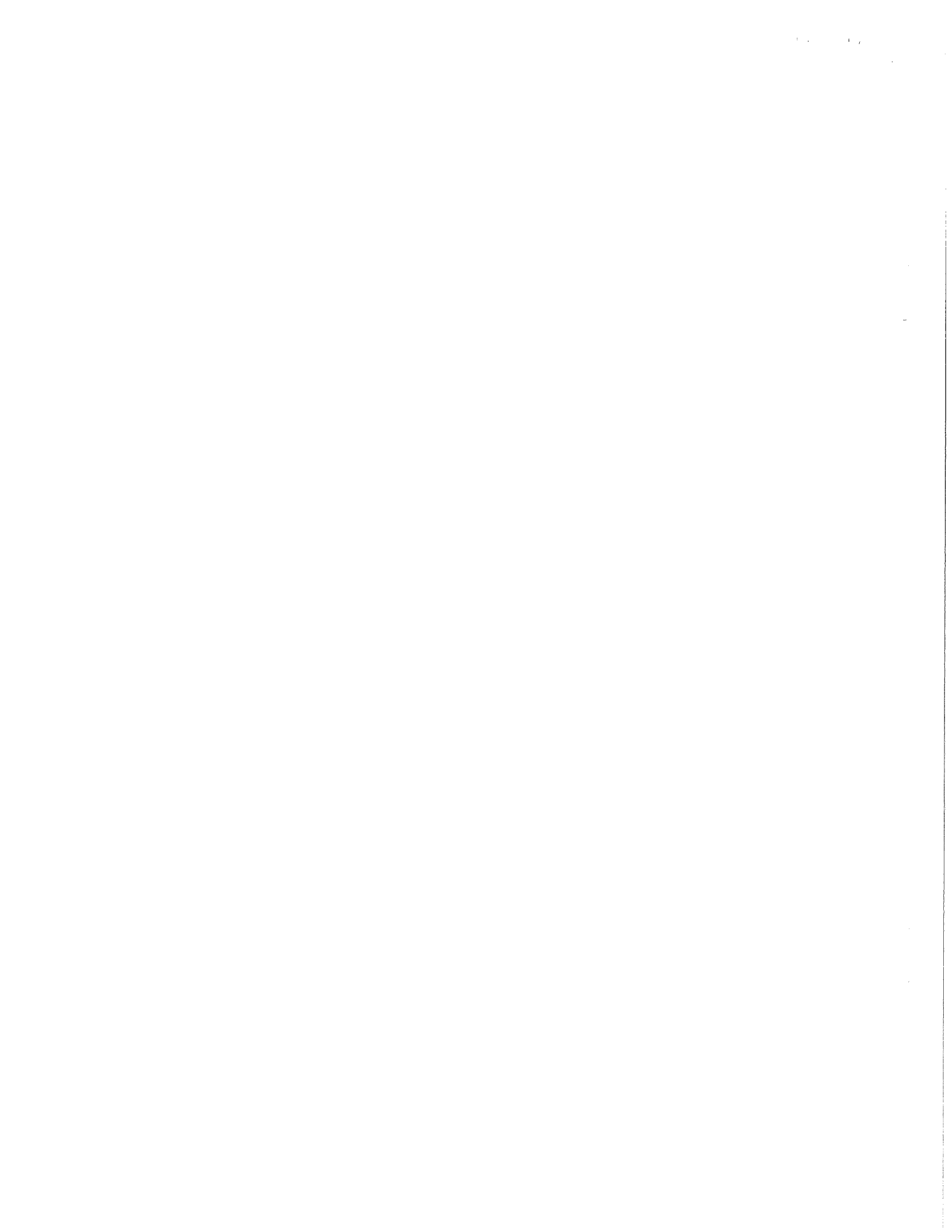
Madison, WI 53713

CITY, STATE AND ZIP CODE

608-288-2876

TELEPHONE NUMBER

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




CERTIFICATE OF BIENNIAL BID BOND

TIME PERIOD - VALID (FROM/TO) February 1, 2012 to February 1, 2014
NAME OF SURETY The Ohio Casualty Insurance Company
NAME OF CONTRACTOR Raymond P. Cattell, 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

December 14, 2011

DATE

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

CERTIFIED COPY OF POWER OF ATTORNEY
THE OHIO CASUALTY INSURANCE COMPANY
WEST AMERICAN INSURANCE COMPANY

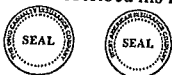
No. 44-090

Know All Men by These Presents: That THE OHIO CASUALTY INSURANCE COMPANY, an Ohio Corporation, and WEST AMERICAN INSURANCE COMPANY, an Indiana Corporation, pursuant to the authority granted by Article III, Section 9 of the Code of Regulations and By-Laws of The Ohio Casualty Insurance Company and West American Insurance Company, do hereby nominate, constitute and appoint: Richard F. Kekula, Dale E. VanDam, Kim Schwenn, Linda J. Portz, Bernadette L. McShane, Sue Kittleson, Heidi Hodel, Julie Zimmerman or Eileen Miller of Madison, Wisconsin its true and lawful agent (s) and attorney (s)-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, UNDERTAKINGS, and RECOGNIZANCES, not exceeding in any single instance TEN MILLION (\$10,000,000.00) DOLLARS, excluding, however, any bond(s) or undertaking(s) guaranteeing the payment of notes and interest thereon

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 Companies at their administrative offices in Fairfield, Ohio, in their own proper persons.

The authority granted hereunder supersedes any previous authority heretofore granted the above named attorney(s)-in-fact.

IN WITNESS WHEREOF, the undersigned officer of the said The Ohio Casualty Insurance Company and West American Insurance Company has hereunto subscribed his name and affixed the Corporate Seal of each Company this 3rd day of February, 2011.



J. Timothy D'Errico, Assistant Secretary

STATE OF OHIO,
COUNTY OF BUTLER

On this 3rd day of February, 2011 before the subscriber, a Notary Public of the State of Ohio, in and for the County of Butler, duly commissioned and qualified, came J. Timothy D'Errico, Assistant Secretary of THE OHIO CASUALTY INSURANCE COMPANY and WEST AMERICAN INSURANCE COMPANY, to me personally known to be the individual and officer described in, and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn deposes and says that he is the officer of the Companies aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and the said Corporate Seals and his signature as 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 at the City of Hamilton, State of Ohio, the day and year first above written.



Notary Public in and for County of Butler, State of Ohio
My Commission expires August 5, 2012.

This power of attorney is granted under and by authority of Article III, Section 9 of the Code of Regulations and By-Laws of The Ohio Casualty Insurance Company and West American Insurance Company, extracts from which read:

Article III, Section 9. Appointment of Attorneys-in-Fact. The Chairman of the Board, the President, any Vice-President, the Secretary or any Assistant Secretary of the corporation shall be and is hereby vested with full power and authority to appoint attorneys-in-fact for the purpose of signing the name of the corporation as surety to, and to execute, attach the seal of the corporation to, acknowledge and deliver any and all bonds, recognizances, stipulations, undertakings or other instruments of suretyship and policies of insurance to be given in favor of any individual, firm, corporation, partnership, limited liability company or other entity, or the official representative thereof, or to any county or state, or any official board or boards of any county or state, or the United States of America or any agency thereof, or to any other political subdivision thereof

This instrument is signed and sealed as authorized by the following resolution adopted by the Boards of Directors of the Companies on October 21, 2004:

RESOLVED, That the signature of any officer of the Company authorized under Article III, Section 9 of its Code of Regulations and By-laws and the Company seal may be affixed by facsimile to any power of attorney or copy thereof issued on behalf of the Company to make, execute, seal and deliver for and on its behalf as surety any and all bonds, undertakings or other written obligations in the nature thereof; to prescribe their respective duties and the respective limits of their authority; and to revoke any such appointment. Such signatures and seal are hereby adopted by the Company as original signatures and seal and shall, with respect to any bond, undertaking or other written obligations in the nature thereof to which it is attached, be valid and binding upon the Company with the same force and effect as though manually affixed.

CERTIFICATE

I, the undersigned Assistant Secretary of The Ohio Casualty Insurance Company and West American Insurance Company, do hereby certify that the foregoing power of attorney, the referenced By-Laws of the Companies and the above resolution of their Boards of Directors are true and correct copies and are in full force and effect on this date.

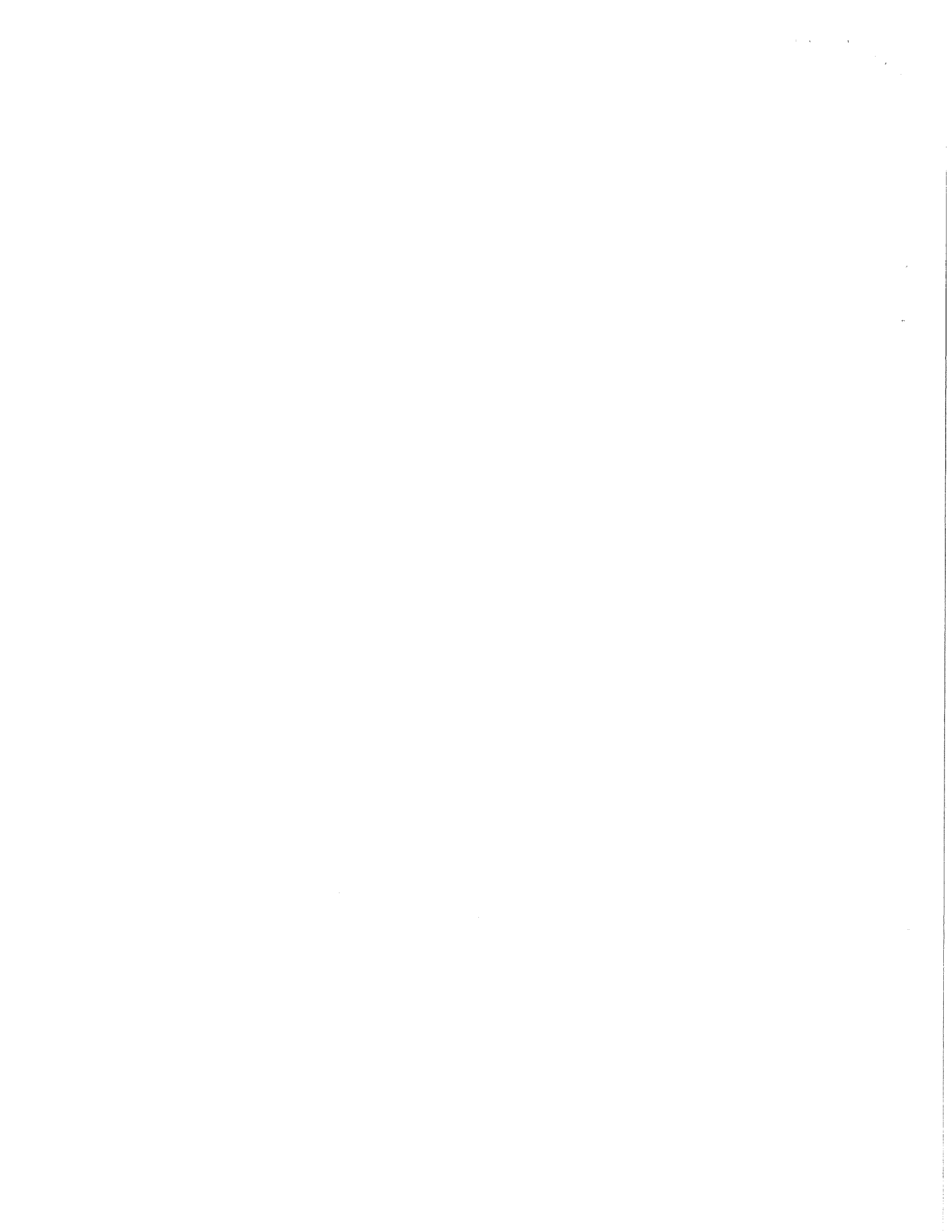
IN WITNESS WHEREOF, I have hereunto set my hand and the seals of the Companies this 14th day of December, 2011



Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, bank deposit, currency rate, interest rate, or other financial value guarantees.

To confirm the validity of this Power of Attorney call 1-513-867-3671 between 9:00 am and 4:30 pm EST on any business day.



SECTION G: AGREEMENT

THIS AGREEMENT made this 6th day of February in the year Two Thousand and Thirteen between **RAYMOND P. CATTELL, 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 **FEBRUARY 5, 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:

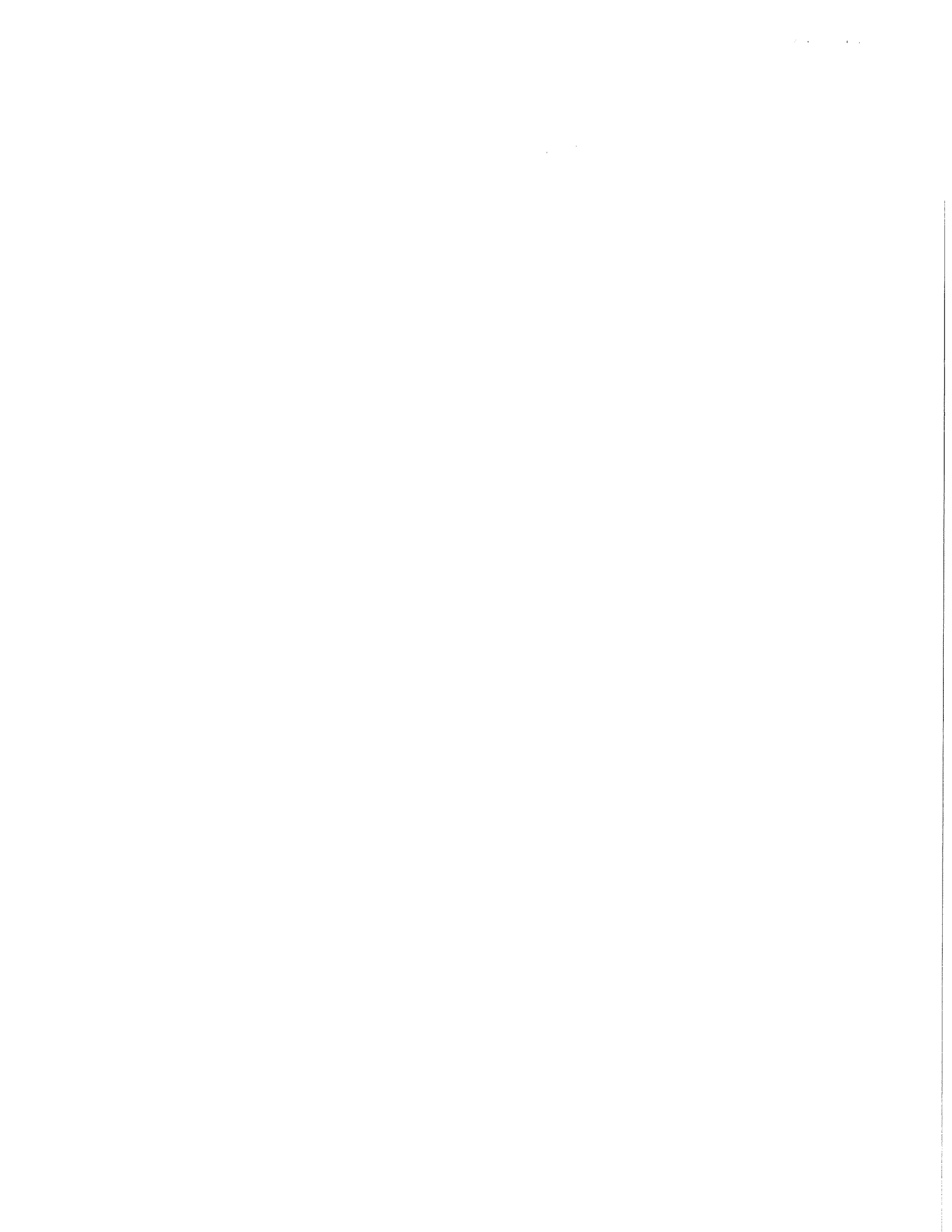
EAST WASHINGTON AVENUE AND LIVINGSTON STREET INTERSECTION IMPROVEMENTS - 2013 CONTRACT NO. 6906

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 **EIGHT HUNDRED TWENTY-THREE THOUSAND, EIGHT HUNDRED SIXTY-EIGHT DOLLARS AND TWENTY-FIVE CENTS (\$823,868.25)** 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 preapprentices, 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 Subjourneypersons. Apprentices and subjourneypersons 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:

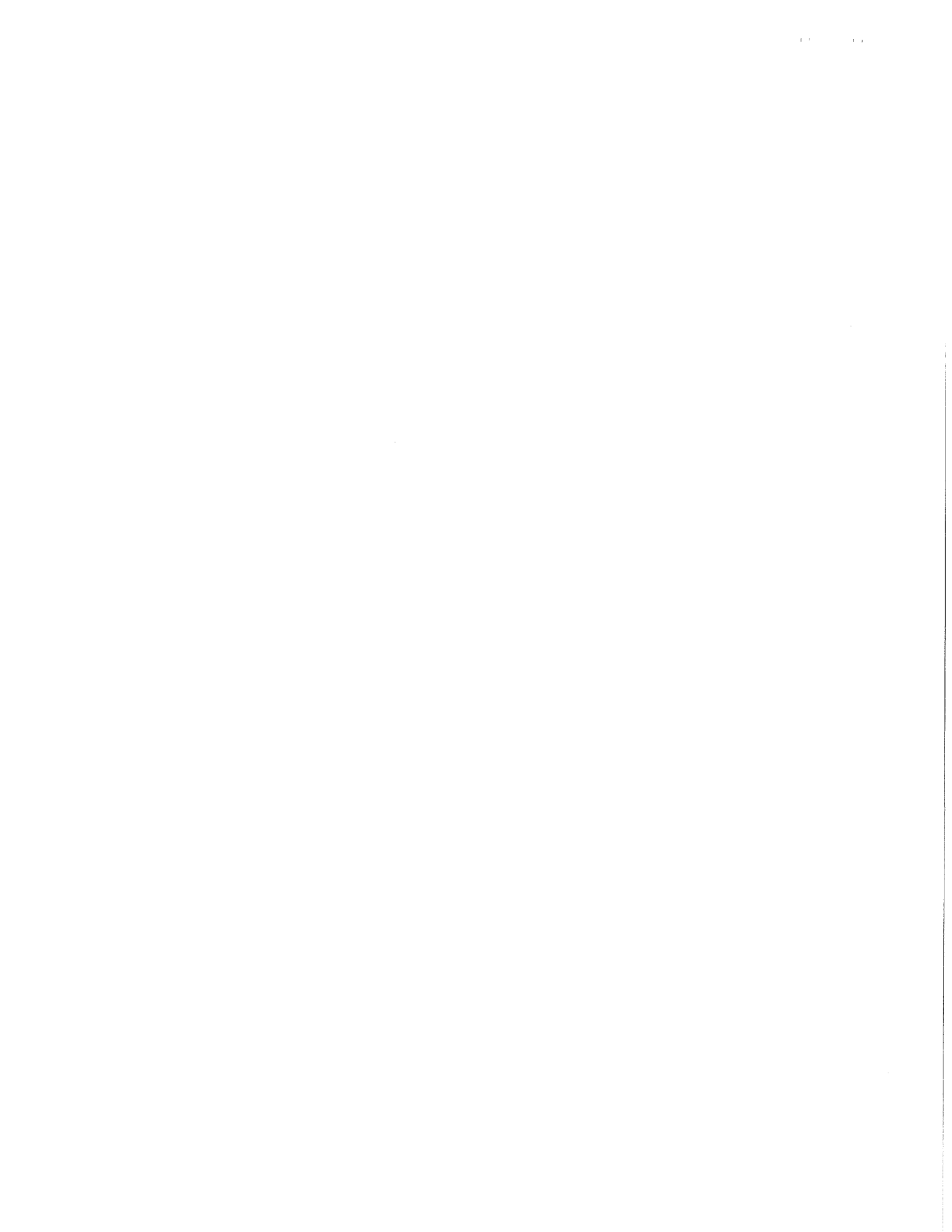
- a. That the Contractor has complied fully with the provisions and requirements of Sec. 66.0903(3), Wis. Stats., and Chapter DWD 290, Wis. Admin. Code; the Contractor has received evidence of compliance from each of the agents and subcontractors; and the names and addresses of all of the subcontractors 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 therefor; 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 therefor; where these records shall be kept and the name, address and telephone number of the person who shall be responsible for keeping them. The records shall be retained and made available for a period of at least three (3) years following the completion of the project of public works and shall not be removed without prior notification to the municipality.

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

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

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



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

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

Articles of Agreement Article I

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

Article II

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

Article III

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

Article V

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

Article VI

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

Article VII

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

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

Article VIII

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

Article IX

The Contractor shall allow the maximum feasible opportunity to small business enterprises to compete for any subcontracts entered into pursuant to this contract.

Page 1

Page 1 of 1

1

**EAST WASHINGTON AVENUE AND LIVINGSTON STREET INTERSECTION
IMPROVEMENTS - 2013
CONTRACT NO. 6906**

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:

[Signature] 2/6/13
Witness Date

[Signature] 2/6/13
Witness Date

RAYMOND P. CATTELL, INC.
Company Name

James A. Spomer 2/6/13
~~President~~ Date

[Signature] 2-6-2013
Secretary Date

CITY OF MADISON, WISCONSIN

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

Approved as to form:

[Signature]
Finance Director

[Signature]
City Attorney

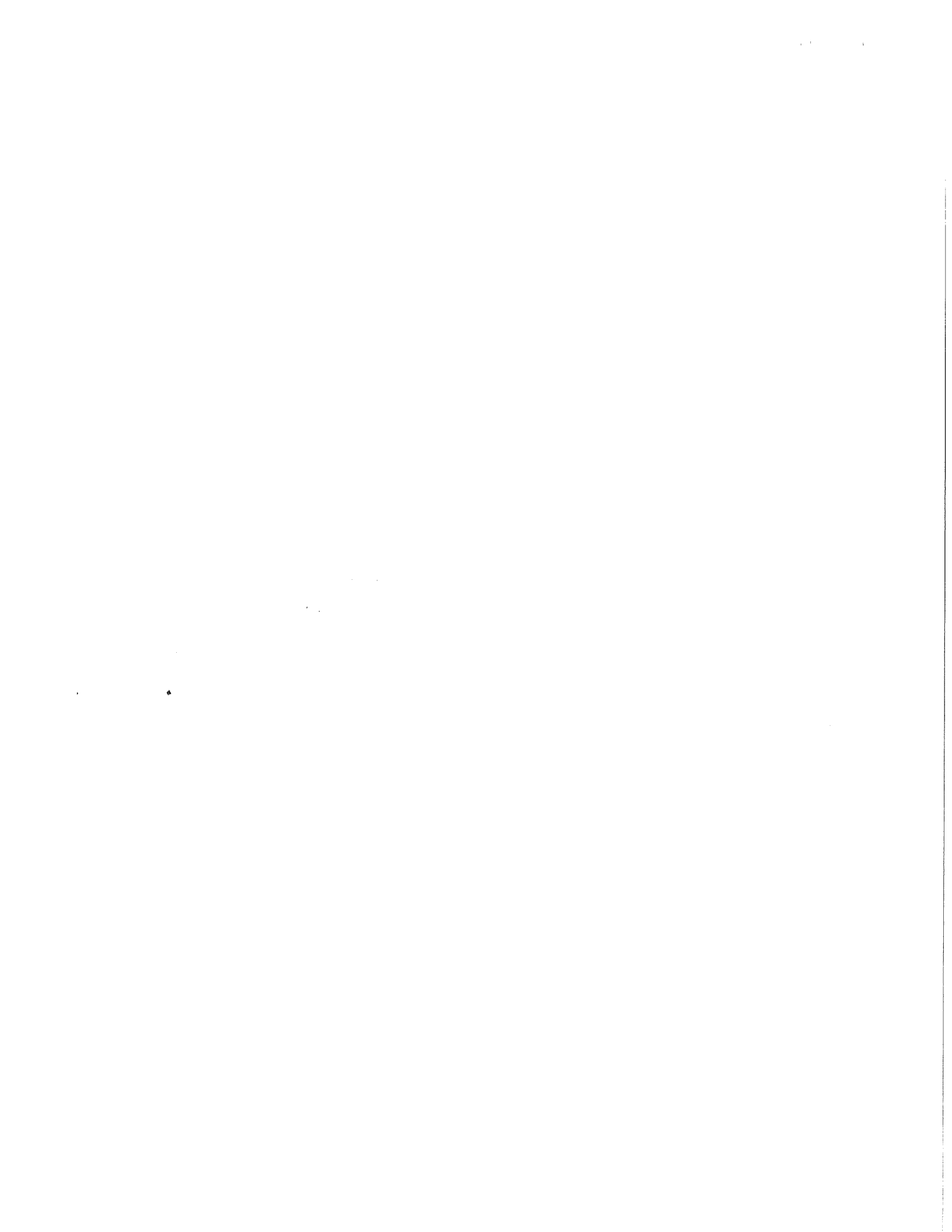
Signed this 14th day of February, 2013

[Signature]
Witness

[Signature] 2-14-13
Mayor Date

[Signature]
Witness

[Signature] 2-11-13
City Clerk Date



SECTION H: PAYMENT AND PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS, that we RAYMOND P. CATTELL, INC. as principal, and The Ohio Casualty Insurance Company Company of New Hampshire as surety, are held and firmly bound unto the City of Madison, Wisconsin, in the sum of **EIGHT HUNDRED TWENTY-THREE THOUSAND, EIGHT HUNDRED SIXTY-EIGHT DOLLARS AND TWENTY-FIVE CENTS (\$823,868.25)**, 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:

**EAST WASHINGTON AVENUE AND LIVINGSTON STREET INTERSECTION IMPROVEMENTS - 2013
CONTRACT NO. 6906**

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 6th day of February, 2013

Countersigned:

RAYMOND P. CATTELL, INC.

Company Name (Principal)

Witness

President

Seal

Secretary

Approved as to form:

The Ohio Casualty Insurance Company

Surety

Seal

Salary Employee

Commission

By Heidi Hodel

Attorney-in-Fact

City Attorney

This certifies that I have been duly licensed as an agent for the above company in Wisconsin under License No. 2380521 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.

February 6, 2013

Date

Heidi Hodel

Agent



THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

CERTIFIED COPY OF POWER OF ATTORNEY
THE OHIO CASUALTY INSURANCE COMPANY
WEST AMERICAN INSURANCE COMPANY

No. 44-054

Know All Men by These Presents: That THE OHIO CASUALTY INSURANCE COMPANY, an Ohio Corporation, and WEST AMERICAN INSURANCE COMPANY, an Indiana Corporation, pursuant to the authority granted by Article III, Section 9 of the Code of Regulations and By-Laws of The Ohio Casualty Insurance Company and West American Insurance Company, do hereby nominate, constitute and appoint: **Richard F. Kekula, Dale E. VanDam, Kim Schwenn, Linda J. Portz, Bernadette L. McShane, Sue Kittleson, Heidi Hodel, Julie Zimmerman or Eileen Miller of Madison, Wisconsin** its true and lawful agent (s) and attorney (s)-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, UNDERTAKINGS, and RECOGNIZANCES, not exceeding in any single instance **TEN MILLION (\$10,000,000.00) DOLLARS**, excluding, however, any bond(s) or undertaking(s) guaranteeing the payment of notes and interest thereon

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 Companies at their administrative offices in Fairfield, Ohio, in their own proper persons.

The authority granted hereunder supersedes any previous authority heretofore granted the above named attorney(s)-in-fact.

IN WITNESS WHEREOF, the undersigned officer of the said The Ohio Casualty Insurance Company and West American Insurance Company has hereunto subscribed his name and affixed the Corporate Seal of each Company this 27th day of **January, 2011**.



Mark E. Schmidt, Assistant Secretary

STATE OF OHIO,
COUNTY OF BUTLER

On this 27th day of **January, 2011** before the subscriber, a Notary Public of the State of Ohio, in and for the County of Butler, duly commissioned and qualified, came **Mark E. Schmidt, Assistant Secretary** of THE OHIO CASUALTY INSURANCE COMPANY and WEST AMERICAN INSURANCE COMPANY, to me personally known to be the individual and officer described in, and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn deposes and says that he is the officer of the Companies aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and the said Corporate Seals and his signature as 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 at the City of Hamilton, State of Ohio, the day and year first above written.



Notary Public in and for County of Butler, State of Ohio
My Commission expires August 5, 2012.

This power of attorney is granted under and by authority of Article III, Section 9 of the Code of Regulations and By-Laws of The Ohio Casualty Insurance Company and West American Insurance Company, extracts from which read:

Article III, Section 9. Appointment of Attorneys-in-Fact. The Chairman of the Board, the President, any Vice-President, the Secretary or any Assistant Secretary of the corporation shall be and is hereby vested with full power and authority to appoint attorneys-in-fact for the purpose of signing the name of the corporation as surety to, and to execute, attach the seal of the corporation to, acknowledge and deliver any and all bonds, recognizances, stipulations, undertakings or other instruments of suretyship and policies of insurance to be given in favor of any individual, firm, corporation, partnership, limited liability company or other entity, or the official representative thereof, or to any county or state, or any official board or boards of any county or state, or the United States of America or any agency thereof, or to any other political subdivision thereof

This instrument is signed and sealed as authorized by the following resolution adopted by the Boards of Directors of the Companies on October 21, 2004:

RESOLVED, That the signature of any officer of the Company authorized under Article III, Section 9 of its Code of Regulations and By-laws and the Company seal may be affixed by facsimile to any power of attorney or copy thereof issued on behalf of the Company to make, execute, seal and deliver for and on its behalf as surety any and all bonds, undertakings or other written obligations in the nature thereof; to prescribe their respective duties and the respective limits of their authority; and to revoke any such appointment. Such signatures and seal are hereby adopted by the Company as original signatures and seal and shall, with respect to any bond, undertaking or other written obligations in the nature thereof to which it is attached, be valid and binding upon the Company with the same force and effect as though manually affixed.

CERTIFICATE

I, the undersigned Assistant Secretary of The Ohio Casualty Insurance Company and West American Insurance Company, do hereby certify that the foregoing power of attorney, the referenced By-Laws of the Companies and the above resolution of their Boards of Directors are true and correct copies and are in full force and effect on this date.

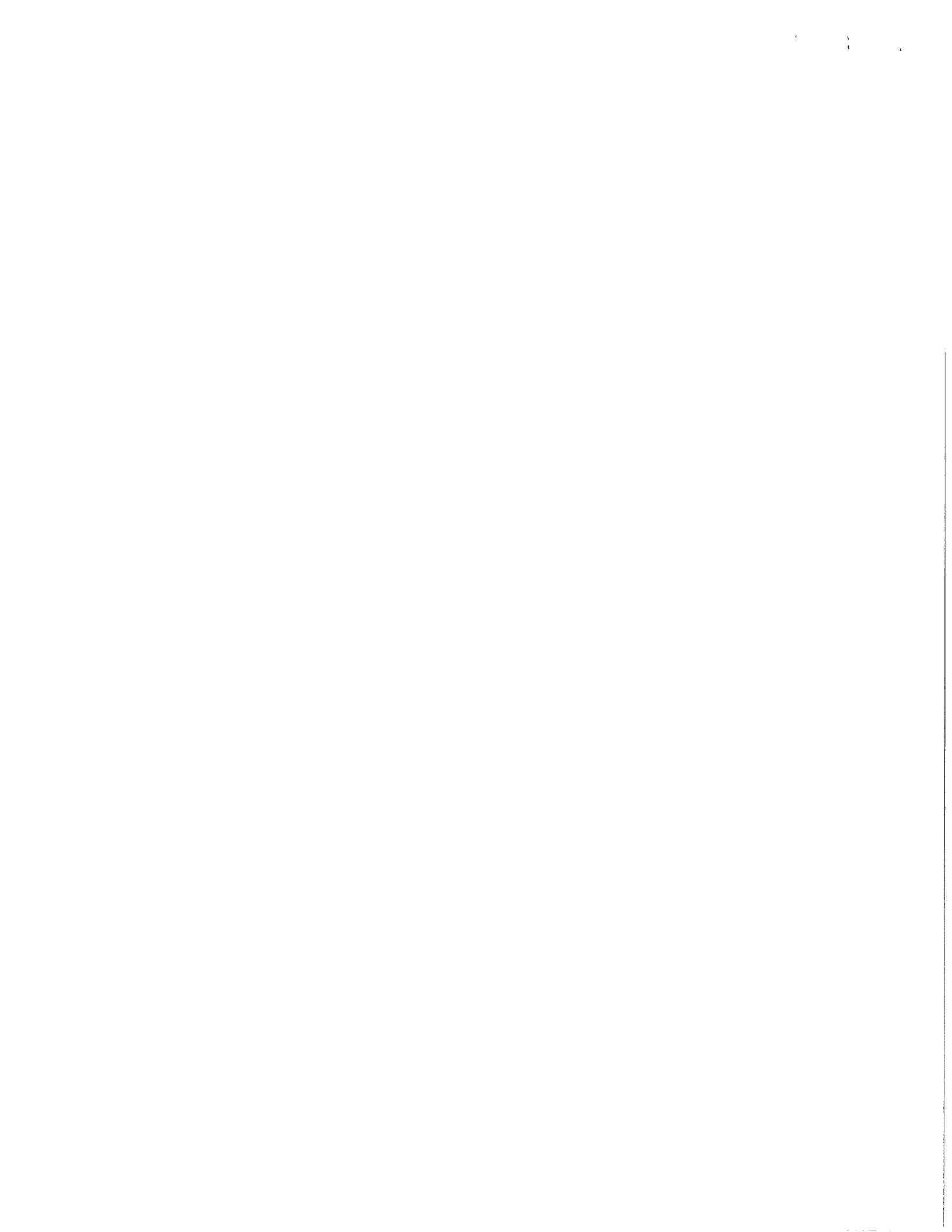
IN WITNESS WHEREOF, I have hereunto set my hand and the seals of the Companies this 6th day of February, 2013



Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, bank deposit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-513-867-3671 between 9:00 am and 4:30 pm EST on any business day.



MINIMUM WAGE SCALE

FOR

PUBLIC WORKS IMPROVEMENTS

APPROVED BY: BOARD OF PUBLIC WORKS

MADISON, WISCONSIN

February 7, 2012

The attached "Prevailing Wage Rate Determination: (Pages 1 through 30), issued February 7, 2012, is hereby approved as the Minimum Wage Scale of the City of Madison.

State of Wisconsin
Department of Workforce Development
Equal Rights Division

DEPARTMENTAL ORDER

ISSUE DATE: 1/13/2012

PROJECT:

ALL PUBLIC WORKS PROJECTS UNDER SEC. 66.0903, STATS.-CITY OF MADISON
MADISON CITY, DANE COUNTY, WI
Determination No. 201200105

PROJECT OWNER:

ROBERT F. PHILLIPS, CITY ENGINEER
CITY OF MADISON-ENGINEERING
210 MARTIN L KING JR BLVD, RM 115
MADISON, WI 53703

REQUESTER:

ROBERT F. PHILLIPS, CITY ENGINEER
CITY OF MADISON-ENGINEERING
210 MARTIN L KING JR BLVD, RM 115
MADISON, WI 53703

ADDITIONAL CONTACT:

NORMAN DAVIS, CONTRACT COMPLIANCE
CITY OF MADISON-DEPT OF CIVIL RTS-AA DIV
210 MARTIN L KING JR BLVD, RM 523
MADISON, WI 537033342

The department received an application for prevailing wage rate determination for the above-captioned project. The department conducted a survey to determine the prevailing wage rate for the trade(s) or occupation(s) needed to complete the project. The survey's findings appear in the attached project determination.

If you believe that the wage rate for any trade or occupation does not accurately reflect the prevailing wage rate in the city, village or town where the project is located, you may ask the department to conduct an administrative review of such wage rate. You must submit this request in writing within 30 days from the date indicated above. Additionally, your request must include wage rate information from at least three similar projects in the city, village or town where the proposed project is located and on which some work has been performed by the contested trade(s) during the current survey period and was previously considered by the department in issuing the attached determination. See DWD 290.10 of the Wisconsin Administrative Code and either s. 66.0903(3)(br), s. 66.0904(4)(e), or s. 103.49(3)(c), Stats., for a complete explanation of the administrative review process.

Enclosures

It is hereby ordered that the prevailing wage rates set forth in the attached project determination shall only be applicable to the above referenced project. This order is a **FINAL ORDER** of the department unless a timely request for an administrative review is filed with the department.

ISSUED BY:

Equal Rights Division
Labor Standards Bureau
Construction Wage Standards Section
PO Box 8928 Madison, WI 53708-8928
(608)266-6861

Web Site: <http://dwd.wisconsin.gov/er/>

PREVAILING WAGE RATE DETERMINATION

Issued by the State of Wisconsin
 Department of Workforce Development
 Pursuant to s. 66.0903, Wis. Stats.
 Issued On: 1/13/2012

DETERMINATION NUMBER: 201200105

EXPIRATION DATE: Prime Contracts MUST Be Awarded or Negotiated On Or Before 12/31/2012. If NOT, You MUST Reapply.

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

PROJECT LOCATION: MADISON CITY, DANE COUNTY, WI

CONTRACTING AGENCY: CITY OF MADISON-ENGINEERING

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

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

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

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

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

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

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

s. 66.0903 (11) LIABILITY AND PENALTIES.

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

BUILDING OR HEAVY CONSTRUCTION

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

SKILLED TRADES

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> \$
101	Acoustic Ceiling Tile Installer	29.06	15.16	44.22
102	Bollermaker	31.09	23.75	54.84
103	Bricklayer, Blocklayer or Stonemason Future Increase(s): Add \$.50/hr on 6/1/2012; 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.	32.26	16.60	48.86
104	Cabinet Installer	29.06	15.16	44.22
105	Carpenter	29.06	15.16	44.22
106	Carpet Layer or Soft Floor Coverer	29.06	15.16	44.22
107	Cement Finisher	32.03	15.13	47.16
108	Drywall Taper or Finisher	26.10	13.65	39.75
109	Electrician Future Increase(s): Add \$.50/hr on 6/1/2012. 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.	32.55	18.68	51.23
110	Elevator Constructor	43.79	25.48	69.27
111	Fence Erector	25.50	0.26	25.76
112	Fire Sprinkler Fitter	36.39	16.75	53.14
113	Glazier	36.23	11.22	47.45
114	Heat or Frost Insulator	33.28	22.51	55.79
115	Insulator (Batt or Blown)	23.62	11.55	35.17
116	Ironworker	30.90	19.11	50.01
117	Lather	29.06	15.16	44.22

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
118	Line Constructor (Electrical)	35.97	18.08	54.05
119	Marble Finisher	31.16	16.27	47.43
120	Marble Mason	32.66	16.20	48.86
121	Metal Building Erector	22.00	4.11	26.11
122	Millwright	30.66	15.21	45.87
123	Overhead Door Installer	18.00	4.86	22.86
124	Painter	25.65	14.11	39.76
125	Pavement Marking Operator	26.00	0.00	26.00
126	Piledriver	29.56	15.16	44.72
127	Pipeline Fuser or Welder (Gas or Utility)	29.54	18.84	48.38
129	Plasterer	29.03	15.16	44.19
130	Plumber	36.20	15.02	51.22
132	Refrigeration Mechanic Future Increase(s): Add \$.85/hr on 12/1/11; Add \$.90/hr on 6/1/12; Add \$.85/hr on 12/1/12..	40.35	16.21	56.56
133	Roofer or Waterproofer	28.06	0.00	28.06
134	Sheet Metal Worker	34.23	20.19	54.42
135	Steamfitter Future Increase(s): Add \$.85/hr on 12/1/11; Add \$.90/hr on 6/1/12; Add \$.85/hr on 12/1/12.	40.35	16.21	56.56
137	Teledata Technician or Installer	21.26	6.99	28.25
138	Temperature Control Installer	32.55	18.68	51.23
139	Terrazzo Finisher	18.00	5.35	23.35
140	Terrazzo Mechanic	31.16	16.27	47.43
141	Tile Finisher Future Increase(s): Add \$.50/hr on 6/1/2012; Add \$.80/hr on 6/1/2013.	23.77	16.00	39.77
142	Tile Setter Future Increase(s): Add \$.50/hr on 6/1/2012; Add \$.80/hr on 6/1/2013.	29.71	16.00	45.71
143	Tuckpointer, Caulker or Cleaner	22.00	9.75	31.75
144	Underwater Diver (Except on Great Lakes)	36.20	18.81	55.01
146	Well Driller or Pump Installer	25.32	15.30	40.62

Fringe Benefits Must Be Paid On All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
147	Siding Installer	16.74	2.58	19.32
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	32.37	16.48	48.85
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	28.78	15.16	43.94
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	17.80	9.00	26.80
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	23.38	12.48	35.86
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.30	10.97	32.27

TRUCK DRIVERS

Fringe Benefits Must Be Paid On All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
201	Single Axle or Two Axle	18.00	6.98	24.98
203	Three or More Axle Future Increase(s): Add \$1.57/hr on 6/1/2012.	18.00	13.83	31.83
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add \$1/hr on 6/3/2012; Add \$1/hr on 6/2/2013.	31.89	17.98	49.87
205	Pavement Marking Vehicle	19.25	10.84	30.09
207	Truck Mechanic	18.00	13.68	31.68

LABORERS

Fringe Benefits Must Be Paid On All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
301	General Laborer Future Increase(s): Add \$.50/hr. on 06/04/2012; Add \$.75/hr. on 06/03/2013 Premium Increase(s): Add \$1.00/hr for certified welder; Add \$.25/hr for mason tender	24.14	13.45	37.59
302	Asbestos Abatement Worker	23.96	12.88	36.84
303	Landscaper	17.00	6.36	23.36
310	Gas or Utility Pipeline Laborer (Other Than Sewer and Water)	20.39	12.20	32.59
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	16.51	0.00	16.51
314	Railroad Track Laborer	14.00	4.77	18.77

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

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> \$
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 (Min, 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 6/3/2012; Add \$1/hr on 6/2/2013.	32.42	17.98	50.40
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).	31.89	14.44	46.33
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 6/3/2012; Add \$1/hr on 6/2/2013.	31.89	17.98	49.87
504	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	36.20	18.81	55.01
505	Work Performed on the Great Lakes Including Crane or Backhoe Operator; Assistant Hydraulic Dredge Engineer; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder; 70 Ton & Over Tug Operator. Premium Increase(s): Add \$.50/hr for friction crane, lattice boom or crane certification (CCO).	37.45	19.45	56.90

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> \$
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.	26.80	18.52	45.32
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.	27.75	19.15	46.90

**HEAVY EQUIPMENT OPERATORS
EXCLUDING SITE PREPARATION, UTILITY, PAVING LANDSCAPING 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> \$
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 Jlb Lengths Measuring 176 Ft or Over; Master Mechanic. Future Increase(s): Add \$1/hr on 6/3/2012; Add \$1/hr on 6/2/2013. Premium Increase(s): Add \$.50/hr at 200 ton; Add \$1.00/hr. at 300 ton; Add \$1.50/hr at 400 ton; Add \$2.00/hr at 500 ton.	34.62	17.98	52.60
509	Backhoe (Track Type) Having a Mfgr's Rated Capacity of 130,000 Lbs. or Over; Boring Machine (Horizontal or Vertical); Calsson 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 Jlb Lengths Measuring 175 Ft or Under; Pile Driver; Versl Lifts, Tri-Lifts & Gantrys (20,000 Lbs. & Over). Future Increase(s): Add \$1/hr on 6/3/2012; Add \$1/hr on 6/2/2013. Premium Increase(s): Add \$.25/hr for cranes with lifting capacity of 45 ton or over.	33.62	17.98	51.60
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). Future Increase(s): Add \$1/hr on 6/3/2012; Add \$1/hr on 6/2/2013.	32.42	17.98	50.40

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> \$
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 6/3/2012; Add \$1/hr on 6/2/2013.	31.89	17.98	49.87
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; Mulchier; 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 Chopper; Trencher (Wheel Type or Chain Type Having 8-Inch Bucket & Under); Winches & A-Frames.	35.59	19.10	54.69
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; Rock, Stone Breaker; Skid Steer Loader (With or Without Attachments); Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add \$1/hr on 6/3/2012; Add \$1/hr on 6/2/2013.	29.19	17.98	47.17
514	Gas or Utility Pipeline, Except Sewer & Water (Primary Equipment). Future Increase(s): Add \$2/hr. on 1/1/2013.	34.89	19.68	54.57
515	Gas or Utility Pipeline, Except Sewer & Water (Secondary Equipment).	30.32	17.40	47.72
516	Fiber Optic Cable Equipment	22.00	7.27	29.27

SEWER, WATER OR TUNNEL CONSTRUCTION

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

SKILLED TRADES

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked				
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
103	Bricklayer, Blocklayer or Stonemason	32.66	16.20	48.86
105	Carpenter Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	33.43	19.31	52.74
107	Cement Finisher Future Increase(s): Add \$1.86 on 6/1/12; 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.	30.68	15.68	46.36
109	Electrician Future Increase(s): Add \$1.40/hr on 6/1/2012. 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.	31.54	20.95	52.49
111	Fence Erector	25.50	0.26	25.76
116	Ironworker 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.	31.31	22.22	53.53
118	Line Constructor (Electrical)	35.97	18.08	54.05
125	Pavement Marking Operator	26.00	0.00	26.00
126	Piledriver	29.56	15.16	44.72
130	Plumber	36.20	15.02	51.22
135	Steamfitter	39.90	15.76	55.66
137	Teledata Technician or Installer	21.26	6.99	28.25

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>	\$	\$	\$
143	Tuckpointer, Caulker or Cleaner	22.00	9.75	31.75
144	Underwater Diver (Except on Great Lakes)	36.20	18.81	55.01
146	Well Driller or Pump Installer	24.22	14.80	39.02
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	32.37	16.48	48.85
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	28.78	15.16	43.94
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	17.80	9.00	26.80
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	23.38	12.48	35.86
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.30	10.97	32.27

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	23.00	8.64	31.64
203	Three or More Axle	21.17	9.51	30.68
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add \$1.75/hr on 6/1/2012; 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.	22.50	16.19	38.69
205	Pavement Marking Vehicle	19.25	10.84	30.09
207	Truck Mechanic	21.17	9.51	30.68

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 \$.70/hr. on 06/04/2012; 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.	25.28	13.44	38.72

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> \$
303	Landscaper	17.00	6.36	23.36
304	Flagperson or Traffic Control Person	12.00	17.89	29.89
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	16.51	0.00	16.51
314	Railroad Track Laborer	14.00	4.77	18.77

**HEAVY EQUIPMENT OPERATORS
SEWER, WATER OR TUNNEL 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> \$
521	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Calsson 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 6/3/2012; Add \$1/hr on 6/2/2013. Premium Increase(s): Add \$.25/hr for cranes with lifting capacity of 45 ton or over.	33.62	17.98	51.60
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; Travelling Crane (Bridge Type). Future Increase(s): Add \$1/hr on 6/3/2012; Add \$1/hr on 6/2/2013.	32.42	17.98	50.40

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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); Manhole; 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 6/3/2012; Add \$1/hr on 6/2/2013.	31.89	17.98	49.87
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.	30.89	17.16	48.05
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 6/3/2012; Add \$1/hr on 6/2/2013.	29.19	17.98	47.17
526	Boiler (Temporary Heat); Forklift; Greaser; Oiler.	29.19	17.96	47.15
527	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	36.20	18.81	55.01
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.	36.20	18.81	55.01

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>
		\$	\$	\$
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.	26.80	18.52	45.32
530	Work Performed on the Great Lakes Including Deck Equipment Operator; Machineryman or Fireman (Operates 4 Unlts 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.	26.80	18.52	45.32

AIRPORT PAVEMENT OR STATE HIGHWAY CONSTRUCTION

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

SKILLED TRADES

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	\$	\$	\$
103	Bricklayer, Blocklayer or Stonemason	32.66	15.92	48.58
105	Carpenter	30.23	15.16	45.39
107	Cement Finisher Future Increase(s): Add \$1.86 on 6/1/12; 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.	30.68	15.68	46.36
109	Electrician	37.25	14.68	51.93
111	Fence Erector	35.62	0.00	35.62
116	Ironworker	30.90	19.11	50.01
118	Line Constructor (Electrical)	35.97	18.08	54.05
124	Painter	28.00	11.15	39.15
125	Pavement Marking Operator	26.65	14.92	41.57
126	Piledriver	29.56	15.16	44.72
133	Roofer or Waterproofer	28.06	0.00	28.06
137	Teledata Technician or Installer	21.26	6.99	28.25
143	Tuckpointer, Caulker or Cleaner	22.00	9.75	31.75
144	Underwater Diver (Except on Great Lakes)	36.20	18.81	55.01
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	35.42	12.90	48.32
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	35.50	14.27	49.77
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	25.18	14.07	39.25
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	23.38	12.48	35.86

154	Groundman -ELECTRICAL LINE CONSTRUCTION ONLY	21.30	10.97	32.27
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TRUCK DRIVERS

Fringe Benefits Must Be Paid On All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
201	Single Axle or Two Axle Future Increase(s): Add \$1.75/hr on 6/1/2012; 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.	22.35	16.19	38.54
203	Three or More Axle Future Increase(s): Add \$1.75/hr on 6/1/2012; 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.	22.50	16.19	38.69
204	Articulated, Euclid, Dumptor, Off Road Material Hauler	24.91	15.63	40.54
205	Pavement Marking Vehicle	23.84	14.76	38.60
206	Shadow or Pilot Vehicle	24.76	15.35	40.11
207	Truck Mechanic	24.91	15.35	40.26

LABORERS

Fringe Benefits Must Be Paid On All Hours Worked

CODE	TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY \$	HOURLY FRINGE BENEFITS \$	TOTAL \$
301	General Laborer Future Increase(s): Add \$1.60/hr on 6/1/2012; 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).	27.20	13.45	40.65
302	Asbestos Abatement Worker	23.96	12.88	36.84
303	Landscaper Future Increase(s): Add \$1.60/hr on 6/1/12; 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).	27.20	13.45	40.65
304	Flagperson or Traffic Control Person Future Increase(s): Add \$1.60/hr on 6/1/2012; 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.	23.55	13.45	37.00

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)	16.51	0.00	16.51
314	Railroad Track Laborer	14.00	4.77	18.77

**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; Travelling Crane (Bridge Type). Future Increase(s): Add \$2/hr on 6/1/12; 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 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).	34.22	18.90	53.12
532	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Calsson 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 6/1/12; 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 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).	33.72	18.90	52.62

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>	\$	\$	\$
533	Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Asphalt Heater, Planer & Scarifier; Asphalt Milling Machine; Asphalt Screed; Automatic Subgrader (Concrete); Backhoe (Track Type) Having a Mfr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bituminous (Asphalt) Plant & Paver, Screed; Boatmen (NOT Performing Work on the Great Lakes); Boring Machine (Directional, Horizontal or Vertical); Bridge (Bidwell) Paver; Bulldozer or Endloader; Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Alre 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.	33.22	18.90	52.12

Future Increase(s):

Add \$2/hr on 6/1/12; 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 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).

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>
		\$	\$	\$
534	Belting, Burlap, Texturing Machine; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Asphalt Plant, Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Hoist (Tugger, Automatic); Jeep Digger; Joint Sawyer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Self Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler; Tining or Curing Machine. Future Increase(s): Add \$2/hr on 6/1/12; 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 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).	32.96	18.90	51.86
535	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Automatic Belt Conveyor & Surge Bin; Boiler (Temporary Heat); Concrete Proportioning Plant; Crusher, Screening or Wash Plant; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add \$2/hr on 6/1/12; 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 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).	32.67	18.90	51.57
536	Fiber Optic Cable Equipment.	22.00	7.27	29.27
537	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	36.20	18.81	55.01

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> \$
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.	36.20	18.81	55.01
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.	26.80	18.52	45.32
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.	26.80	18.52	45.32

LOCAL STREET OR MISCELLANEOUS PAVING CONSTRUCTION

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

SKILLED TRADES

Fringe Benefits Must Be Paid On 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	32.66	16.20	48.86
105	Carpenter	29.06	15.16	44.22
107	Cement Finisher Future Increase(s): Add \$1.86 on 6/1/12; 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.	30.68	15.68	46.36
109	Electrician Future Increase(s): Add \$.50/hr. effective 06/04/2012. 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.	28.74	17.86	46.60
111	Fence Erector	25.50	0.26	25.76
116	Ironworker	30.90	19.11	50.01
118	Line Constructor (Electrical)	35.97	18.08	54.05
124	Painter	25.65	14.11	39.76
125	Pavement Marking Operator	26.00	0.00	26.00
126	Piledriver	29.56	15.16	44.72
133	Roofer or Waterproofer	28.06	0.00	28.06
137	Teledata Technician or Installer	21.26	6.99	28.25
143	Tuckpointer, Caulker or Cleaner	22.00	9.75	31.75
144	Underwater Diver (Except on Great Lakes)	36.20	18.81	55.01
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	35.42	12.90	48.32

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> \$
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.	29.64	14.64	44.28
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	25.18	13.07	38.25
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	23.38	12.48	35.86
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.30	10.97	32.27

TRUCK DRIVERS

Fringe Benefits Must Be Paid On All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
201	Single Axle or Two Axle	15.00	0.00	15.00
203	Three or More Axle	19.50	4.97	24.47
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add \$1/hr on 6/3/2012; Add \$1/hr on 6/2/2013.	31.89	17.98	49.87
205	Pavement Marking Vehicle	19.25	10.84	30.09
206	Shadow or Pilot Vehicle	15.00	0.00	15.00
207	Truck Mechanic	19.50	4.97	24.47

LABORERS

Fringe Benefits Must Be Paid On All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
301	General Laborer	26.15	12.29	38.44
303	Landscaper	23.71	15.07	38.78
304	Flagperson or Traffic Control Person	12.00	17.89	29.89
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	16.51	0.00	16.51
314	Railroad Track Laborer	14.00	4.77	18.77

**HEAVY EQUIPMENT OPERATORS
CONCRETE PAVEMENT OR BRIDGE 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> \$
541	Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity Of Over 4,000 Lbs., Crane With Boom Dollies; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Master Mechanic. Future Increase(s): Add \$2/hr on 6/1/12; 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 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).	34.22	18.90	53.12
542	Backhoe (Track Type) Having a Mfr.'s Rated Capacity of 130,000 Lbs. or Over; Calsson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With a Lifting Capacity of 4,000 Lbs. & Under; Crane, Tower Crane Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Dredge (NOT Performing Work on the Great Lakes); Licensed Boat Pilot (NOT Performing Work on the Great Lakes); Pile Driver. Future Increase(s): Add \$2/hr on 6/1/12; 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 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).	33.72	18.90	52.62

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> \$
543	Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Automatic Subgrader (Concrete); Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Boring Machine (Directional, Horizontal or Vertical); Bridge (Bidwell) Paver; Bulldozer or Endloader; Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Grout Pump; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Manhoist; Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver; Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Straddle Carrier or Travel Lift; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches & A-Frames. Future Increase(s): Add \$2/hr on 6/1/12; 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 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).	33.22	18.90	52.12

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
544	Backfiller; Belting, Burlap, Texturing Machine; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Jeep Digger; Joint Sawyer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Self Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler; Tining or Curing Machine. Future Increase(s): Add \$2/hr on 6/1/12; 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 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).	33.22	18.90	52.12
545	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Automatic Belt Conveyor & Surge Bin; Boiler (Temporary Heat); Concrete Proportioning Plant; Crusher, Screening or Wash Plant; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack.	30.42	17.58	48.00
546	Fiber Optic Cable Equipment.	22.00	7.27	29.27
547	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	36.20	18.81	55.01
548	Work Performed on the Great Lakes Including 70 Ton & Over Tug Operator; Assistant Hydraulic Dredge Engineer; Crane or Backhoe Operator; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder.	36.20	18.81	55.01
549	Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or more); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery.	26.80	18.52	45.32
550	Work Performed on the Great Lakes Including Deck Equipment Operator; Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under); Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks - Great Lakes ONLY.	26.80	18.52	45.32

**HEAVY EQUIPMENT OPERATORS
ASPHALT PAVEMENT OR OTHER 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> \$
551	Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self Erecting Tower Crane With a Lifting Capacity of Over 4,000 Lbs., Crane With Boom Dollies; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads and/or Jib Lengths Measuring 176 Ft or Over; Master Mechanic.	34.62	17.96	52.58
552	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With a Lifting Capacity Of 4,000 Lbs. & Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Dredge (NOT Performing Work on the Great Lakes); Licensed Boat Pilot (NOT Performing Work on the Great Lakes); Pile Driver. Future Increase(s): Add \$2/hr on 6/1/12; 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 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).	33.72	18.90	52.62

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
553	<p>Air, Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Asphalt Heater, Planer & Scarifier; Asphalt Milling Machine; Asphalt Screed; Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bituminous (Asphalt) Plant & Paver, Screed; Boring Machine (Directional, Horizontal or Vertical); Bulldozer or Endloader; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Conveyor System; Concrete Laser/Screed; Concrete Slipform Placer Curb & Gutter Machine; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Manhoist; Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver; Railroad Track Rail Levelling Machine, Tie Placer, Extractor, Tamper, Stone Leveler or Rehabilitation Equipment; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches & A-Frames.</p> <p>Future Increase(s): Add \$2/hr on 6/1/12; Add \$2/hr on 6/1/13; Add \$1.75/hr on 6/1/14.</p>	32.67	18.55	51.22
554	<p>Backfiller; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Asphalt Plant, Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Hoist (Tugger, Automatic); Jeep Digger; Joint Sawyer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Self-Propelled Chlp Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler.</p>	31.52	17.89	49.41
555	<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); 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 6/1/12; Add \$2/hr on 6/1/13; Add \$1.75/hr on 6/1/14.</p>	32.67	18.55	51.22
556	Fiber Optic Cable Equipment.	22.00	7.27	29.27

RESIDENTIAL OR AGRICULTURAL CONSTRUCTION

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

SKILLED TRADES

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
101	Acoustic Ceiling Tile Installer	27.00	2.47	29.47
102	Boilermaker	31.09	23.75	54.84
103	Bricklayer, Blocklayer or Stonemason	32.00	3.00	35.00
104	Cabinet Installer	22.00	2.74	24.74
105	Carpenter	27.00	3.46	30.46
106	Carpet Layer or Soft Floor Coverer	23.95	2.78	26.73
107	Cement Finisher	21.33	4.25	25.58
108	Drywall Taper or Finisher	23.80	1.55	25.35
109	Electrician	22.00	9.18	31.18
110	Elevator Constructor	43.79	25.48	69.27
111	Fence Erector	17.64	4.33	21.97
112	Fire Sprinkler Fitter	36.39	16.97	53.36
113	Glazier	36.23	11.22	47.45
114	Heat or Frost Insulator	29.04	19.73	48.77
115	Insulator (Batt or Blown)	18.95	1.70	20.65
116	Ironworker	30.90	19.11	50.01
117	Lather	28.15	15.14	43.29
119	Marble Finisher	31.16	16.27	47.43
120	Marble Mason	32.66	16.20	48.86
121	Metal Building Erector	17.50	2.80	20.30
123	Overhead Door Installer	17.00	0.00	17.00
124	Painter	25.65	6.33	31.98
125	Pavement Marking Operator	26.00	0.00	26.00

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked				
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u>	<u>HOURLY FRINGE BENEFITS</u>	<u>TOTAL</u>
		\$	\$	\$
129	Plasterer	19.00	0.29	19.29
130	Plumber	30.00	10.34	40.34
132	Refrigeration Mechanic	30.96	0.00	30.96
133	Roofer or Waterproofer	29.85	1.55	31.40
134	Sheet Metal Worker	21.03	3.40	24.43
135	Steamfitter	32.59	11.05	43.64
137	Teledata Technician or Installer	19.23	5.32	24.55
138	Temperature Control Installer	22.45	4.11	26.56
139	Terrazzo Finisher	18.00	5.35	23.35
140	Terrazzo Mechanic	31.16	16.27	47.43
141	Tile Finisher	23.96	13.36	37.32
142	Tile Setter	21.00	0.00	21.00
143	Tuckpointer, Caulker or Cleaner	23.96	12.88	36.84
146	Well Driller or Pump Installer	15.10	12.38	27.48
147	Sliding Installer	18.80	1.42	20.22

TRUCK DRIVERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked				
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u>	<u>HOURLY FRINGE BENEFITS</u>	<u>TOTAL</u>
		\$	\$	\$
201	Single Axle or Two Axle	19.86	2.54	22.40
203	Three or More Axle	19.50	14.27	33.77
205	Pavement Marking Vehicle	19.25	10.84	30.09
207	Truck Mechanic	19.00	1.75	20.75

LABORERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked				
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u>	<u>HOURLY FRINGE BENEFITS</u>	<u>TOTAL</u>
		\$	\$	\$
301	General Laborer	16.09	7.18	23.27
302	Asbestos Abatement Worker	17.00	2.21	19.21
303	Landscaper	25.00	0.54	25.54

311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	16.51	0.00	16.51
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**HEAVY EQUIPMENT OPERATORS
RESIDENTIAL OR AGRICULTURAL CONSTRUCTION**

Fringe Benefits Must Be Paid On All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
557	Asphalt Heater, Planer & Scarifier; Asphalt Milling Machine; Asphalt Screed; Backhoe (Track Type); Backhoe (Mini, 15,000 Lbs. & Under); Bituminous (Asphalt) Plant & Paver, Screed; Boring Machine (Directional, Horizontal or Vertical); Bulldozer or Endloader; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Crane, Shovel, Dragline, Clamshells; Forestry Equipment, Tlmbco, Tree Shear, Tub Grinder, Processor; Grader or Motor Patrol; Grout Pump; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Manhole; Material or Stack Hoist; Mechanic or Welder; Milling Machine; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Skid Rlg; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Trencher (Wheel Type or Chain Type); Winches & A-Frames.	29.45	15.37	44.82
558	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Backfiller; Belting, Burlap, Texturing Machine; Boiler (Temporary Heat); Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Farm or Industrial Type Tractor; Forklift; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Jeep Digger; Lift Slab Machine; Mulcher; Oiler; Post Hole Digger or Driver; Power Subgrader; Pump (3 Inch or Over) or Well Points; Robotic Tool Carrier (With or Without Attachments); Rock, Stone Breaker; Roller (Rubber Tire, 5 Tons or Under); Screed (Milling Machine); Self Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Stump Chlpper; Telehandler; Vibratory Hammer or Extractor, Power Pack.	26.45	14.35	40.80

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