

BID OF _____

2012

PROPOSAL, CONTRACT, BOND AND SPECIFICATIONS

FOR

SOUTH FAIRCHILD STREET, WEST DOTY STREET, & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012

CONTRACT NO. 6824

IN

MADISON, DANE COUNTY, WISCONSIN

AWARDED BY THE COMMON COUNCIL
MADISON, WISCONSIN ON _____

PLEASE RETURN PLANS AND SPECIFICATIONS TO:

CITY ENGINEERING DIVISION
1600 EMIL STREET
MADISON, WISCONSIN 53713

www.cityofmadison.com/business/pw

**SOUTH FAIRCHILD STREET, WEST DOTY STREET, & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012
CONTRACT NO. 6824**

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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:
6824	SOUTH FAIRCHILD STREET, WEST DOTY STREET, & SOUTH CARROLL STREET ASSESSMENT DISTRICT - 2012
SBE GOAL	9%

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 27, 2012, 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 JANUARY 20, 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 **TUESDAY, JANUARY 31, 2012** by 1:00 PM, at 1600 Emil Street, Madison, WI 53713.

Bid Opening will be on FEBRUARY 3, 2012 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 JANUARY 13 & 20, 2012

SECTION B: INSTRUCTIONS TO BIDDERS

The City of Madison Standard Specifications for Public Works Construction - 2011 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)l. 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.

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.

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 nonresponsible contractor ineligible for award of this contract.

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

All contractors, subcontractors, vendors and suppliers seeking SBE status must complete and submit **Schedule C, SBE Certification Application** to the City of Madison Affirmative Action Department by the time and date established for receipt of bids. A copy of Schedule C is available by contacting the Contract Compliance Officer at the address and telephone indicated in Section 1.2. Submittal of Schedule C 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. 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 Department 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 and engage in negotiation.
- 2.4.1.9 Negotiating directly with SBEs including those which volunteer a bid.
- 2.4.1.10 Utilizing the bid of a qualified and competent SBE when the bid of such a business is deemed reasonable, although not necessarily low.

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 will be deemed nonresponsive 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 SBE-1; and
 - 2.4.2.1.2 **Summary Page**, SBE-2.
- 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 SBE-1;
 - 2.4.2.2.2 **Summary Page**, SBE-2; and

2.4.2.2.3 **SBE Contact Report**, SBE-3 and SBE-4. (A separate Contact Report must be completed for each SBE which is not utilized.)

2.5 **Appeal Procedure**

A bidder which does not achieve the established goal and is deemed nonresponsible 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 Director of Public Works and received within 72 hours of City of Madison's notice. Postmark not applicable.

A bidder which is deemed nonresponsive may not appeal the City's decision to deny eligibility for award of contract.

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. Failure to provide a satisfactory explanation in these variances may result in the City invoking the sanctions contained in Paragraph 5(g) of the Agreement contained within this project manual.

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 City of Madison Affirmative Action Department. The contractor shall submit in writing to the City of Madison Affirmative Action Department a request to change any SBE citing specific reasons which necessitate such a change. The Affirmative Action Department 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 with annual gross receipts of less than \$750,000 when averaged over the past three years period;

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 challenged.

**SOUTH FAIRCHILD STREET, WEST DOTY STREET, & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012
CONTRACT NO. 6824**

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. 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 Question 5.

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. Provide specific detail for this conclusion including the SBE’s price and the price of the subcontractor you intend to utilize.

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

5. Describe any other good faith efforts:

SECTION D: SPECIAL PROVISIONS

SOUTH FAIRCHILD STREET, WEST DOTY STREET, & SOUTH CARROLL STREET ASSESSMENT DISTRICT - 2012 CONTRACT NO. 6824

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**

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 \$51,500 for a single trade contract; or equal to or greater than \$251,000 for a multi-trade contract pursuant to MGO 33.07(7).

ARTICLE 103 AWARD AND EXECUTION OF THE CONTRACT

The Contractor shall execute signing of this contract completely prior to **FEBRUARY 24, 2012**. No exceptions or extension to the above date will be permitted.

ARTICLE 104 SCOPE OF WORK

The work under this contract shall include installation of storm and sanitary sewer systems, water main, curb and gutter, concrete terrace, base preparation, asphalt pavement, street and pedestrian lighting and drive apron replacement as necessary.

The project is approximately 2,300 ft in length. The project limits for the work are:
Fairchild Street: from West Washington Avenue to South Hamilton Street
West Doty Street: from South Hamilton Street to Martin Luther King, Jr. Blvd
South Carroll Street: from West Wilson Street to West Doty Street
West Washington Street: from Henry Street to Carroll Street

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 Contractor shall use care around existing trees, plantings, fences, walls, steps and driveways that are indicated on the plans to remain. Damage to these items during construction shall be repaired or replaced at the Contractor's expense. No trees, other than those shown on the plan to be removed, shall be cut without the approval of the Engineer and the City Forester; the abutting property owners shall be notified in accordance with the City's Administrative Procedure Memorandum No. 6-2.

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

MG&E GAS REPLACEMENT

MG&E Gas contact: Steve Beversdorf, office (608) 252-1552, mobile (608) 444-9620

MG&E will retire in place existing gas main that crosses West Washington Avenue at Fairchild Street along with the gas main that runs on the south side of Fairchild Street east of West Washington Avenue. This work will be completed prior to start of City contract. MG&E will then install new gas main within the project limits at a lower depth in coordination with the Contractor's schedule when Fairchild Street is closed to traffic. Estimated time of completion for new installation is 5 working days.

CHARTER COMMUNICATIONS CONDUIT PLACEMENT

Charter Communications contact: Jon Marschke, office (608) 274-3822 ext. 6734

Charter Communications has a direct bury telecommunication line on South Carroll Street at approximate station 73+80. This line shall remain intact and the Contractor shall provide a location during street excavation for Charter personnel to place a conduit before base placement. The pipe shall extend past the proposed curb alignment to ensure no future street excavation in the future.

PRIVATE UTILITY MANHOLE ADJUSTMENTS

MG&E Electric contact: Mark Bohm, office (608) 252-4730, mobile (608) 516-7930

AT&T Wisconsin contact: Andy Madsen, office (608) 252-2432, mobile (608) 692-7932

Level3 Communications contact: Kevin Barber, office (608) 514-6556

This project has multiple private utility manholes to be adjusted to finish grade. The Contractor shall coordinate adjustments with the utility companies by giving a minimum of one week (7 calendar days) notice of work areas and a schedule of when adjustments are to be completed.

The Contractor shall maintain access for mail delivery, food and beverage service and garbage/recycling pickup for all properties in the project area. Mail delivery includes maintaining access to 201 West Washington Avenue (WHEDA) South Fairchild dock entrance for Wisconsin State Department of Administration mail trucks. These deliveries happen twice a day, morning and afternoon.

During construction on West Washington Avenue (from Fairchild Street to Carroll Street), the Contractor shall coordinate with Grace Episcopal Church to provide access for food pantry deliveries. The Contractor shall also take steps to provide access and special needs for possible funerals at the church during construction. Coordination and scheduling between the contractor, church and City Engineering will take place for these unforeseen events. It should be noted that construction is planned near the church during Holy Week and Easter (April 8th). Steps to minimize construction nearing that week should be taken.

The Contractor shall take care in providing pedestrian access to the 17 South Fairchild building during business hours. Business hours are 7:45 am to 4:30 pm.

The Contractor shall coordinate with Best Western Plus "Inn on the Park" at 22 South Carroll Street throughout the project. The hotel maintains access on South Fairchild Street between 17 South Fairchild and 122 West Main. Garbage/recycling pick-up is 6 days a week and valet services use this access 24 hours a day. Coordination with staff shall be done to provide instruction on how safely vehicles can enter and exit the construction zone.

Removal of flagstone in the South Carroll St terrace at 106 West Wilson Street will be completed by the property owner concurrent with project start. The contractor shall review the area after the property owner has completely removed the stone and fence or smooth the area to be safe for pedestrian traffic.

All staging and construction equipment must be stored within project limits. In the event of snowfall, property owners will be responsible for sidewalks open to the public and the city will be responsible for any travel lanes open to traffic. All other areas within the project shall be the responsibility of the Contractor to conduct work.

The Contractor shall coordinate utility lateral work with Businesses to provide access at all times, and perform work in business desired time frames as much as possible.

The Contractor shall attend a business preconstruction meeting to be facilitated by City Engineering. The meeting will take place the week of February 27th with time and locations to be determined.

The Contractor shall hold weekly progress meetings with the Engineer and affected utilities. The Contractor shall hold bi-weekly progress meeting with interested area businesses and residents along with the Engineer and affected utilities. The biweekly progress meetings are intended to give updates regarding the progression of work and timing of various traffic control stages.

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.

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, 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 providing and installing metal no parking signs, supplying additional stop and one-way signs, and in street yield to pedestrian signs for this project as specified below. 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. Contractor will need apply pavement markings over the high friction surface at a date after completion of the project. Any traffic control necessary to complete the marking work or installation of the high friction surface shall be included under the traffic control lump sum Bid Item. Bid item work shall be completed during off peak hours.

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.

The contractor shall supply additional one-way traffic signs to replace any existing signs that need to be removed or become blocked by construction activities or equipment.

Contractor at all times shall have a minimum of 50 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.

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.

Contractor shall leave Traffic Signals at West Washington-Fairchild Intersection and Hamilton-Doty-Fairchild intersection in service as long as possible. Stop control is shown
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 a minimum width of 10 feet or 12 feet if lane is adjacent to curb. 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.

Maintain Access to all properties along Fairchild St, Carroll St, West Washington Avenue, Doty St, Main St, and Wilson St. 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 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 both sides of Fairchild St, Carroll St, West Washington Avenue, Doty St, Main St, and Wilson St, except as necessary to construct utilities or sidewalk. 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.

Maintain pedestrian movements crossing the construction zone at all intersections at all times except as noted below. Contractor shall maintain at least three crosswalks at all intersections at all times and all four crosswalks whenever possible. Pedestrian crossings of intersections shall meet requirements of the Americans with Disabilities Act Accessibility Guidelines (ADAAG) 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. Maintain ADA accessible pedestrian walkways that are free from mud, sand, and construction debris. The temporary Crosswalk Access bid item is payment for maintaining crosswalks through the construction zone at intersections. Any closures of sidewalk shall be approved by the Construction Engineer and shall conform to City of Madison standard detail drawing 6.36 in addition to any signing shown on the traffic control plan. Contractor shall clearly delineate crossing area for pedestrians by using barrels to protect either side of the crossing area.

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 shall supply and maintain up to 4 in street yield to pedestrian signs (R1-6) at locations to be determined by the Engineer.

Contractor is responsible for coordinating parking meter removal/bagging. This may involve the contractor bagging the meter or coordinating with the City of Madison Parking Utility to have the meters removed or bagged. Contractor shall contact Bill Putnam with the City of Madison Parking Utility (266-6528) at least two weeks prior to starting work to coordinate a meter removal plan. A meeting with the parking utility may be necessary to determine best method for bagging/removing parking meters. At any location where parking meters are removed, Contractor shall supply metal no parking signs as described above.

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.

Phasing Notes

Contractor may close Carroll Street between Doty Street and Hamilton Street for a Maximum of 2 consecutive days during phase 1. These dates must be approved by the construction engineer. Contractor shall provide necessary traffic control as shown in the Traffic Control Plan to temporarily convert this portion of street to a Two Way street.

Contractor may close left most lane of the eastbound travel lanes on Doty Street at Carroll Street between the hours of 9 A.M. and 3 P.M. to construct Water main in the intersection. Contractor shall plate as necessary to insure 2 travel lanes are available at all other times. Contractor shall provide proper signage for a lane closure including and electronic arrow-board.

Contractor shall provide appropriate signage and flags to convert the Henry Street-West Washington Intersection to an all-way stop on Saturday March 18th and Sunday March 19th. This shall be removed on Monday March 19th prior to 7 A.M.

Contractor shall maintain traffic on Main Street crossing Fairchild at all times during construction.

Contractor may close one travel lane on Wilson Street at Carroll Street Monday thru Friday between the hours of 8:30 A.M. and 3:30 P.M. to complete work in Wilson Street at that intersection. Contractor shall provide proper signage for a lane closure including and electronic arrow-board.

Contractor may close one travel lane on Doty Street at Martin Luther King Jr. Blvd. between the hours of 8:30 A.M. to 3:30 P.M. Contractor shall plate as necessary to keep two travel lanes open at other times. Contractor shall provide proper signage for a lane closure including and electronic arrow-board.

Contractor shall install all utilities, base course, and binder asphalt layers under the traffic control as shown in the traffic control plans except as noted. Contractor may use temporary closures of intersections (5 minutes or less) to construct final asphalt layers at intersections that are to remain open. Contractor shall have appropriately equipped flagger per the manual on uniform traffic control devices to accomplish final asphalt paving and high friction colored surface.

University of Wisconsin Graduation Weekend is March 18th, March 19th and March 20th. During this time all sidewalks and crosswalks within the project limits shall be open.

The first "Concerts on the Square" music event is Wednesday, June 27th. Contractor shall have all sidewalks and crosswalks within the project limits open.

Contractor shall install and maintain up to 4 business open signs on the project. Contractor may need to support sign with plywood, post, etc. This work will be incidental to traffic control.

Changeable message boards shall be installed 5 working days before traffic restrictions for all phases of the project. Locations of signs will be determined during the preconstruction and progress meetings.

SECTION 109.2 PROSECUTION OF WORK

The Contractor shall begin work on or before **MARCH 12, 2012**. The date of completion, excluding high friction surface, of the contract shall be **JUNE 30, 2012**. Work shall follow Section 107.7 Maintenance of Traffic herein these specifications unless approved by the Engineer. High friction surface shall be placed within thirty (30) calendar days of project completion.

Work at the intersection of Fairchild Street and West Washington Avenue and on West Washington Avenue (Fairchild Street to Carroll Street) shall be limited to beginning on or before **MARCH 15, 2012**. No work shall be done on **MARCH 17, 2012**. The date of completion, except surface pavement, for West Washington Avenue work, Fairchild Street to Carroll Street, shall be **APRIL 14, 2012**.

Work on South Carroll Street shall be limited to **THIRTY (30) CONSECUTIVE CALENDAR DAYS** concurrent with the above contract dates.

The Contractor shall note that this project includes an expedited schedule and that the maintenance of traffic outlined in these provisions are designed to utilize multiple crews simultaneously to complete the work in accordance with the time frame provided.

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

SECTION 109.9 LIQUIDATED DAMAGES

The maximum liquidated damages and Disincentive Pay (Bid Item 90001) for any given calendar day shall be **\$3,000 PER DAY**.

SECTION 203.2 DISPOSING OF MATERIALS

The Contractor shall comply with Section 203.2 of the City of Madison Standard Specifications for Public Works Construction with regard to salvaging castings.

BID ITEM 20336 – PIPE PLUG

Structures called out for removal and/or abandonment shall have the existing pipes plugged at the structure, as noted in the plans, and shall be paid for under this bid item. All work under this item shall comply with Article 203 of the Standard Specifications. Any plugs required to abandon the existing sanitary main where laterals are being extended shall be considered incidental to the BID ITEM 50353 – SANITARY SEWER LATERAL.

SECTION 210 EROSION CONTROL

The standard specifications for Erosion Control are supplemented as follows. The Contractor shall be responsible for final stabilizing (seeding/matting/sodding/...as called for in the contract) the disturbed terrace area within 10 calendar days after the pouring of adjacent curb and gutter, unless alternate phasing is approved by the Construction Engineer. This specification shall be interpreted by the Contractor to require multiple trips to the job site by the landscaping subcontractor and the Contractor shall plan for that to occur.

BID ITEM 20323 – REMOVE CONCRETE SIDEWALK & DRIVE

Removal of integral concrete curb around trees in terrace adjacent to 22 West Main Street (Dane County Parking Garage) shall be paid for under Remove Concrete Sidewalk & Drive.

BID ITEM 20801 – SODDING

Sodding around trees at 106 West Wilson Street (S Carroll St terrace) shall be coordinated and completed under City Forestry supervision. Sod shall be placed with sod mat approximately one tenth of a foot below the top of sidewalk.

ARTICLE 301 CONCRETE AND CONCRETE MATERIALS

HIGH EARLY STRENGTH CONCRETE

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

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

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

- 501.2 Materials
- 501.3 Construction

SECTION 500

SEWERS AND SEWER STRUCTURES

STORM SEWER GENERAL

The designer for this project is Sally Swenson: (608) 266-4862, sswenson@cityofmadison.com

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

Where a new structure is to be constructed at an existing pipe, it is expected that the contractor shall saw cut the existing pipe in the required location to accommodate the placement of the new structure. This shall be considered incidental to the structure with the exception of Private Storm Reconnects, which shall be paid for under Bid Items 90030 and 90031. 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 responsibility of the contractor and shall not be compensated.

For this project, it shall be assumed that all structures are field pour structures. After ULOs have been completed, the Engineer may permit the construction of precast structures, but that will be determined when utility data has been gathered.

SANITARY SEWER GENERAL

The Sanitary Sewer Designer for this project is Mark Moder: (608) 261-9250, mmoder@cityofmadison.com

This project consists of the installation of 1146' of 8", 273' of 10", 18' of 15" main and 258' of sanitary lateral. There is also an additional 172' of 8" diameter sanitary lateral that is being bid out as 8" main. Sanitary sewer pipe work shall include installing new PVC SDR 35 & SDR26 at the sizes and locations that are specified on the plan set and in accordance with the Standard Specifications. Because of the depths of the proposed sewer, ASTM D3034 SDR-26 is called for on the plan set for the main and laterals. SDR-26 pipe shall be installed at the same cost as the SDR-35 pipe called for in the proposal(Bid Items 50301, 50302, & 50353)

All new sanitary sewer access structures shall include the Neenah R-1550-0054 with the new City of Madison casting detail (see S.D.D. 5.7.16 of the City of Madison Standard Specifications for Public Works Construction Latest ed.). All new sewer main connections may be factory cored and shall be included in the structure. All existing lateral and main connections shall be field cored to accommodate existing conditions and shall be compensated under BID ITEM 50791 SANITARY SEWER TAP. All sewer main and/or laterals not slated for replacement that are damaged during the installation of a structure shall be replaced by the Contractor and shall be considered incidental to the project. All benches and flowlines shall have a smooth trowel finish.

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

Per the City of Madison Standard Specifications for sanitary sewer lateral construction on street reconstruction projects, Contractors are encouraged to begin installation of sanitary lateral pipe at the proposed sewer main. If Contractor starts excavation for the lateral at the property line, it shall be at the Contractor's risk. A portion of the sanitary sewer laterals were located and surveyed prior to design.

Laterals located are marked on the plan as Lateral Located (TYP). If tree conflicts are encountered during the sanitary lateral replacement process, contractors are instructed to follow the new policy set in the Standard Specifications for Public Works Construction, Latest ed. No Utility Line Openings (ULOs) will be granted for the inability to locate the sanitary lateral at the property line. Any extra sidewalk removal will not be compensated to the Contractor looking for an existing sanitary lateral at the property line. Contractors are encouraged to have a locator device on-site if they intend to start laying lateral pipe at the property line to minimize the amount of extra sidewalk removal. Each sanitary lateral shall have a maximum of 4 sidewalk squares removed and replaced. No additional compensation shall be awarded beyond this amount for the replacement of a sewer lateral.

The majority of the sanitary sewer laterals were located and surveyed prior to design. Laterals that were not located are shown on the plans as per City records. Proposed sanitary lateral locations near trees are subject to change based upon data obtained in the field and property owner involvement. Excavation near trees shall comply with Article 107.13 of the Standard Specifications. If 5 ft of separation from the tree to the excavation cannot be maintained, lateral replacement shall stop at the curb.

Tunneling is expected to be required at the existing utility crossings. Any utility tunneling required shall be considered incidental to the pipe being installed.

BID ITEM 50390 – SEWER ELECTRONIC MARKERS

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

BID ITEM 50801 – UTILITY LINE OPENING (ULO)

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

SECTION 601 ELECTRICAL, GENERAL REQUIREMENTS

The existing signal and 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 remove existing signal and lighting poles as necessary and install new poles and wire. The Contractor shall cooperate fully with the City in staging the removal and construction of conduit and structures so that street lighting can be maintained by the City.

Unless a manhole (utility access structure), handhole, or structure is specifically designated for removal, it shall be saved. Not all fiber optic, signal and lighting structures and conduit are being removed or abandoned in the project area. The Contractor shall consult with the Traffic Engineering Electrical Inspector before removing or damaging any existing facilities.

SECTION 601.10 MATERIALS FURNISHED BY THE CITY OF MADISON

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

3/4" x 24" Anchor Bolts: 112

1-1/4" x 48" anchor bolts: 24

1" x 40" anchor bolts: 48

Bolts for Offset Base: as needed

Wood Poles: as needed

Steel Frame and Cover for Electrical Utility Access Structure: as needed

Steel Base for Multi-Space Parking Meters: 3

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.

Conduit depth within five feet of entering or leaving any handhole shall be 40 inches.

SECTION 604 BASES FOR STREET LIGHTING UNITS

The bid item for LB-1 base shall include cutting existing conduit and wire, pulling back and saving existing wire, 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 to 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 to the bid item for LB-1 base.

SECTION 604.5 ABANDON ELECTRICAL UTILITY ACCESS STRUCTURES

Abandon Electrical Utility Access Structures (also known as manholes), shall consist of the following:

1. Removing the concrete roof and the top three feet of walls.
2. Breaking the floor to promote drainage; maximum unbroken floor size shall be two-foot by two-foot.
3. Backfill and compact with sand fill.
4. Remove and return the steel frame and cover to TE Shop, 1120 Sayle Street.

The removal of the access structure at the Carroll St-Wilson St intersection shall be done in cooperation with City Traffic Engineering. There is existing fiberoptic cable in this structure that cannot be cut. The Contractor shall expose the existing conduit running north from the structure for a distance of approximately ten feet, the ninety degree elbows, and two feet beyond, and then remove the north wall of the structure so that the fiber cable can be removed from the structure by the City without disconnecting the cable. After the City encases the relocated fiber cable in conduit, the contractor shall pour concrete around the exposed package, 12" minimum cover on all sides. No construction or other vehicles shall drive on any part of the exposed fiber package until the excavated area is fully backfilled. This work is incidental to the Abandon Electrical Utility Access Structure item.

REMOVE TRAFFIC SIGNAL BASE

This item also includes removing traffic signal control cabinet base.

ARTICLE 607 ELECTRICAL HANDHOLES

The Contractor shall furnish Type I and V 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 V, shall be gray colored polymer concrete construction. Box dimensions shall be 26" wide by 38" long by 24" 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 GENERAL PROVISIONS FOR WATER INSTALLATION AND ABANDONMENT

This project consists of furnishing and installing primarily 12-Inch, 8-inch, and 6-Inch water main (including hydrants, valves, fittings, etc.) throughout the project limits of construction or where otherwise indicated. The existing water main (mostly 4-Inch, 6-Inch, and 10-inch) and structures will be cut off and abandoned through these areas and where indicated on the plans.

Due to existing utilities and spacing, proposed utility installations will likely require the abandonment, removal, and salvage of portions of existing water main throughout the project. This will be particularly critical to construction operations through Fairchild Street and Doty Street, where proposed water, sanitary, and storm will be very close to existing water main locations.

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

It is recommended that the Contractor visits the site prior to bidding to become familiar with all existing conditions and utilities.

SECTION 702 MATERIALS

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

SECTION 703 CONSTRUCTION METHODS

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

Any existing water main or structures which interfere with new construction, **and are shown on the plans to be abandoned**, shall be entirely removed within the necessary limits. This includes all fittings or structures therein. No equipment or devices shall be used which might damage structures, facilities, or property which are to be preserved and retained. All operations necessary for the removal of any existing water main that might endanger the new construction shall be completed prior to the construction of the new work. Void areas left from water main or structure removals shall be backfilled as specified in 203.2(e).

Structure abandonments, such as valve manhole structures and hydrants, shall be executed according to these specifications, and shall be paid under the appropriate bid items.

For the following properties with additional water service requirements, contact Mike Collins at the Dane County Department of Administration Facilities Management Division – (608) 266-4350:

- 115 West Doty Street (Public Safety Building) has a primary 6-Inch and a backup 4-Inch service off of West Doty Street. It is expected that the backup 4-Inch service may be taken offline for an extended period during the beginning of construction. Any construction activities that will also impact the primary 6-Inch service will need to be planned as much ahead of time as possible with the Facilities Management Division.
- 210 Martin Luther King Jr. Boulevard (Madison Municipal Building) has a backup 4-Inch service off of South Carroll Street. The temporary interruption of this service is not expected to impact the primary feed to the building, however the Facilities Management Division would like notification of when the work is expected.
- 215 South Hamilton Street (Dane County Courthouse) has a 2-Inch service off of South Hamilton Street. Any construction activities that will impact this service line will need to be planned as much ahead of time as possible with the Facilities Management Division.

BID ITEM 70414 - CUT OFF EXISTING WATER MAIN

BID ITEM 70455 - PIPE PLUG FOR WATER MAIN INSTALLATION

The abandonment, removal, and salvage of any existing water main shall be considered incidental to the new construction for this project. Activities related to such work, including cutting off the existing

main or applying pipe plugs at new utility crossings, shall be considered incidental to the new water main installation.

While the overall plan sheets indicate final cutoff points for the water system within the project boundary, it is also anticipated that smaller sections of this existing main may need to be abandoned or cut through with pipe plugs in "phases" to enable appropriate removal. It shall be the contractor's responsibility to review the plans and anticipate all additional cutoffs or pipe plugs that may be necessary to complete the work in the most effective manner.

Prior to abandonment, all water services on a given section of existing main must be reconnected to the new main unless otherwise specified.

WATER UTILITY GENERAL NOTES FOR SPECIFIC WORK:

- | | |
|------|---|
| WN1 | Replace the existing lead service with a new copper service. |
| WN2 | Extend and reconnect the existing copper service to the new water main. |
| WN3 | Existing service to be abandoned when the water main is cut-off. |
| WN4 | Disconnect service from the old water main and reconnect the existing copper water service lateral to the new water main. |
| WN5 | Relocate the existing fire hydrant. |
| WN6 | Abandon water valve access structure. |
| WN7 | Furnish and install the new top section for the water access structure. |
| WN8 | Abandon the valve box. |
| WN9 | Furnish the ditch, compaction and all materials and labor for the installation of new service lateral. |
| WN10 | Remove and salvage existing hydrant. |
| WN11 | Replace the existing copper service with a new copper service. |

BID ITEM 90001 – INCENTIVE/DISINCENTIVE FOR COMPLETION OF WORK

DESCRIPTION

This item shall consist of either an incentive payment or a disincentive pay reduction as specified below.

The Contractor shall complete all of the work necessary to completely finish the project on this contract prior to 7:00 P.M., June 30, 2012.

Under this Incentive/Disincentive plan, no time extensions will be granted for adverse weather conditions; for delays in material deliveries or for labor disputes or for delays caused by utility conflicts.

Each day shall be defined as a twenty-four (24) hour period beginning at 7:00 P.M.

The maximum incentive payment, as shown on the Schedule of Items, is for department accounting purposes. The actual incentive payment the Contractor may receive shall be in accordance with the "Incentive Payment" section of this provision.

Incentive payments will not be considered as part of the money value of the work completed for computing time extensions.

INCENTIVE PAYMENT

The Contractor shall be entitled to an incentive payment for completion of all of the work necessary to completely finish the project on this contract prior to 7:00 P.M. on June 30, 2012.

The incentive payment shall be paid at the rate of \$3,000 per calendar day for each day or portion thereof, of completion prior to 7:00 P.M. on June 30, 2012. The maximum amount of incentive payment shall not exceed \$30,000.

DISINCENTIVE PAY REDUCTION

Should the Contractor fail to complete all of the work necessary to completely finish the project under this contract prior to 7:00 P.M. on June 30, 2012, the Contractor shall be liable to the City for a pay reduction in the amount of \$3,000 per day or portion thereof, for each calendar day or portion thereof after 7:00 P.M. on June 30, 2012 that work remains incomplete.

If the contract time expires prior to completing the work necessary to completely finish the project, liquidated damages in accordance with 109.9 of the Standard Specifications will be affixed in the amount of the disincentive pay reduction.

METHOD OF MEASUREMENT

Incentive/Disincentive for Completion of Work will be measured by the calendar day and will be paid for at the contract unit price per calendar day (\$3,000 per day).

BASIS OF PAYMENT

The unit price per day based on the incentive pay adjustment shall be compensation in full for completing the work as hereinbefore specified.

The unit price per day based on the disincentive pay reduction shall be assessed for failing to complete all the work as hereinbefore specified.

BID ITEM 90002 – MAINTAIN COMMERCIAL DRIVE ACCESS

DESCRIPTION

This work consists of completing contract work while maintaining vehicle access to commercial drives and alleys. Work includes, but is not limited to, creating alternate access, gapping concrete work, plating and/or using other methods. Access shall be maintained at all times unless direct coordination with affected property owners/representatives has been made and an alternate plan or closure time has been established.

Commercial access points to be maintained are: 201 W Washington Ave (2 drives), 123 W Washington Ave (2 drives – 1 on W Washington Avenue, 1 on S Fairchild St), 100 block W Washington (2 shared

alleys), 17 S Fairchild St (shared alley), 100 block S Fairchild St (alley), 120 S Fairchild St, 126 S Carroll St, 115 W Doty St (2 drives), 17 W Main St

Additions or deletions from this list shall be determined by the Engineer during construction.

METHOD OF MEASUREMENT

Maintain Commercial Drive Access will be measured by the unit, each.

BASIS OF PAYMENT

This item, measured as provided above, will be paid for at the contract unit price each, which price shall be payment in full for furnishing all labor, tools, equipment and incidentals necessary to complete this item of work.

BID ITEM 90003 – TEMPORARY CROSSWALK ACCESS

DESCRIPTION

This special provision describes maintaining accessible crosswalks crossing the construction zone. Maintaining accessible crosswalks consists of maintaining a crosswalk on existing pavement, new pavement, or temporary surface material.

MATERIALS

Furnish a hard temporary surface material consisting of asphaltic surface, any grade of concrete, skid resistant steel plating, or alternative material as approved by the Engineer. Gravel or base course material is not acceptable.

CONSTRUCTION

Install, maintain, move, and remove temporary surface material at Temporary Crosswalk Access locations as shown on the plans and as directed by the Engineer. Level and compact the surface prior to placing temporary surface material. The temporary crosswalk shall have a minimum clear width of 4 feet; be located outside the immediate work area, as approved by the Engineer; and meet the requirements of the current Americans with Disabilities Act Accessibility Guidelines (ADAAG). Reconstruct or relay Temporary Crosswalk Access when disturbed by construction operations or utility trenches.

MEASUREMENT

The department will measure Temporary Crosswalk Access by the lump sum completed and accepted by the Engineer.

PAYMENT

This item, measured as provided above, will be paid for at the contract unit price lump sum which is full compensation for furnishing, loading, hauling material; for preparing the foundation; for furnishing, placing, maintaining, and removing temporary surface material; for reconstructing or relaying the temporary surface material; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

BID ITEM 90004 – C1 CONCRETE SIDEWALK 7-INCH

DESCRIPTION

This work shall be in accordance with the requirements of Part 3 of the Standard Specifications, except as herein after amended.

MATERIALS

The concrete mix design shall be as follows per cubic yard:

Cement: 575 lbs

Fine Aggregate: 950 lbs

Upper Canadian Black Granite (1/2 x 1/4) or Starlite Black Granite (9/16 x 3/16): 752.5 lbs

Colonial Red Granite (9/16 x 3/16): 1397.5 lbs

Sieve Analysis

Upper Canadian Black Granite

Sieve Size	% Passing
9/16"	100%
0.53"	98.5%
7/16"	84.7%
5/8"	65.8%
1/4"	14.2%
#4	1.0%

Starlite Black Granite

Sieve Size	% Passing
9/16"	98%
3/8"	66%
3/16"	12%
#8	0%

Colonial Red Granite

Sieve Size	% Passing
9/16"	98.0%
3/8"	67.0%
#4	13.0%
#8	3.0%
#16	<1.0%

CONSTRUCTION

Placing and Finishing Concrete. Conform to Part 3 of the Standard Specifications for the concrete. The Engineer will check and approve the foundation, forms and reinforcement if required, before placing the concrete. Place the concrete on a moist foundation, deposit it to the required depth, and consolidate sufficiently to bring the mortar to the surface, then strike-off and finish to a true and even surface. Before mortar sets, spray the surface with water and brush or lightly broom the surface to expose the aggregate. Before performing the final surface finish, check the sidewalk surface with a 10-foot straightedge, and correct all areas that vary 1/4-inch from the testing edge by adding or removing concrete while the concrete is still plastic.

C1 Concrete Sidewalk 7-Inch shall be doweled into all existing and new concrete with #6 epoxy coated tie bars. All tie bars shall be in accordance with Standard Details 3.10 and 3.11 of the City of Madison Standard Specifications

All C1 Concrete Sidewalk 7-Inch shall include 2 inches crushed stone base foundation incidental if needed.

The Contractor shall follow concrete waste management specifications herein these specifications.

Interface between C1 Concrete Sidewalk 7-Inch and 7" Concrete Sidewalk & Drive shall have foam expansion joint and caulk seal incidental.

METHOD OF MEASUREMENT

C1 Concrete Sidewalk 7-Inch shall be measured by the square foot installed and accepted.

BASIS OF PAYMENT

C1 Concrete Sidewalk 7-Inch, measured as stated above, is full compensation for providing all materials, including concrete, bar steel reinforcement HS, joint fillers, joint sealers, and expansion joints; for excavating and preparing the foundation; backfilling and disposing of surplus material; for placing, finishing, protecting, and curing; and restoring the work site. However, if the contract provides a bid item for excavation, then the department will pay for work required and performed in construction concrete sidewalks as specified in the contract.

BID ITEM 90005 - CONCRETE SIDEWALK TEST POUR

DESCRIPTION

This work shall be in accordance with the requirements of Part 3 of the Standard Specifications, except as hereinafter amended. The test pours shall be completed by the Contractor to demonstrate the techniques and quality of workmanship required to produce the desired finished product. The test pour area shall be 10-foot by 10-foot.

MATERIALS

The concrete mix design shall be the same as the bid item "C1 Concrete Sidewalk 7-Inch".

CONSTRUCTION

The test pour shall be done at a location within the City of Madison Metropolitan area. Location shall be verified with the Engineer. The Contractor will give the Engineer a minimum 48-hour notice prior to the test pour. The test pours shall be completed on separate days. The construction of the test pour area shall follow the techniques as described in the bid item "C1 Concrete Sidewalk 7-Inch," including different tooling techniques as directed by the Engineer.

METHOD OF MEASUREMENT

Concrete Sidewalk Test Pour shall be measured by the unit each.

BASIS OF PAYMENT

Concrete Sidewalk Test Pour, measure as provided above, shall be paid at the contact unit price for work as described above.

BID ITEM 90006 - CONCRETE WASTE MANAGEMENT

GENERAL

This work consists of containment, collection, storage and proper disposal of concrete wastes generated by saw cutting or grinding of existing concrete pavements or waste run-off generated during construction of new concrete pavements, particularly exposed aggregate surfaces. Concrete wastes typically are strongly alkaline and may contain other contaminants that can harm plants and are particularly harmful if allowed to enter streams, lakes wetlands or other water bodies through the storm sewer system.

Contractor is alerted that there are local, state and federal regulations governing the handling and disposal of hazardous materials and this Special Provision in no way relieves the Contractor of any responsibility to comply with such regulations. The intent is to provide more specific guidelines for management of concrete wastes on this project and provide a basis of payment for work associated with specific management measures properly implemented.

MATERIALS

Contractor may choose appropriate materials to suit his methods of management of wastes with the following minimum requirements. Pre-fabricated washout containers shall be in sound condition and watertight. Site fabricated containment structures shall be constructed below grade if feasible. If constructed above grade, they shall be of sturdy materials and designed to provide a minimum of 6 inches of freeboard based on the volume of liquid wastes to be generated between clean-outs. Structure shall be lined with a waterproof plastic sheeting of minimum 10-mil thickness that has no holes or tears. Above grade structures shall have a double layer lining.

Inlet liners used to convert an existing storm inlet into a containment structure shall be shop fabricated and shall consist of a heavy-duty waterproof lining fitted to the inside of a commercially manufactured geotextile sediment trap. The completed inlet containment structure shall be sound and watertight to prevent any leaching into the storm sewer system, and shall be approved by the Engineer prior to accepting any concrete waste water. NOTE: a geotextile sediment trap by itself is not acceptable as the leachate continues to be highly alkaline and contain dissolved contaminants.

CONSTRUCTION METHODS

If conditions are such that debris and slurry from saw cutting and grinding operations will remain on pavements and not run off into gutters, they may be allowed to dry in place and be cleaned from pavement by sweeping or vacuum equipment. Such wastes shall not be allowed to remain on pavements beyond the end of a day's work.

Slurries from cutting or grinding or wash water from exposed aggregate construction may be directed to exposed (unpaved) areas of the grade provided: 1) such areas are below the surface drainage grade and will not run off into watercourses, gutters, inlets or storm sewers; 2) such areas are planned for pavement or other uses, such that residue following evaporation / percolation will not adversely impact vegetation; 3) disposal area is approved by the Engineer prior to use.

If it is not practical to direct slurry to an appropriate unpaved disposal area it may be directed to a street gutter provided sand bags or other devices are used to contain the slurry on the pavement and prevent its entry into storm sewer inlets. Contractor shall remove such slurry or residue from the pavement prior to the end of each work day by vacuum systems or other methods. Slurry may be pumped to an approved containment structure for on-site storage.

On-site containment structures shall be emptied on a periodic basis, such that they do not exceed their design capacity, including required freeboard. Contractor shall remove contaminated liquids from the site, using trucks fitted with water-tight gaskets to prevent leakage, or other similar methods. Wastes shall be properly disposed of off-site, in accordance with applicable laws and regulations.

If it is not practical to construct or direct slurry to an above-grade containment structure, the contractor may utilize a storm inlet for containment under the following conditions:

- There is no significant chance of precipitation, flows from upstream pipe connections or other reasons requiring the inlet to function for storm water drainage during the period it is to be used for containment
- The Construction Engineer provides prior written approval for each inlet proposed
- Contractor fabricates and properly installs a waterproof liner for each inlet used, in accordance with the requirements herein
- Contractor maintains inlet liners in good condition and periodically empties such structures and disposes of wastes as provided for on-site containment structures
- Contractor completely removes liner and all wastes and restores inlet to its prior functioning condition after its use.

MEASUREMENT AND PAYMENT

Work under this Section will be measured as a single, complete unit of work, for all measures and devices used to contain and dispose of concrete wastes throughout the duration of the project, acceptably installed, maintained and removed.

This work, measured as provided, will be paid for as the said bid item Concrete Waste Management, per Lump Sum. Payment shall be considered full compensation for designing, furnishing, installing, maintaining and removing any on-site containment structures, cleaning slurry or residue from pavements by vacuum or other methods, removal from site and proper disposal of all wastes, and all incidental labor, equipment, tools

BID ITEM 90007 – CONCRETE PLANTER WALL

DESCRIPTION

Work under this item shall include all work, materials, equipment, and incidentals required to construct the concrete planter wall at locations shown on the plans. The concrete planter wall shall be constructed at the dimensions given in the plans and in accordance with Article 302 of the Standard Specifications for Public Works Construction.

METHOD OF MEASUREMENT

Concrete Planter Wall shall be measured by the lineal feet installed, measured along the center of the planter wall top.

BASIS OF PAYMENT

Concrete Planter Wall shall be paid at the contract price per lineal foot, which shall be full compensation for all work, materials, equipment, and incidentals to complete the work as shown in the plans and in accordance with Section 302.3 of the Standard Specifications.

BID ITEM 90008 – REMOVE AND REPLACE CONCRETE MEDIAN

DESCRIPTION

Work under this item shall include all work, materials, equipment, and incidentals required to remove and replace the existing concrete median on West Washington Avenue at the location shown on the plans. The concrete median shall be constructed at the existing dimensions (7" thick) and in accordance with Article 302 of the Standard Specifications for Public Works Construction.

METHOD OF MEASUREMENT

Remove and Replace Concrete Median shall be measured by the square foot removed and installed.

BASIS OF PAYMENT

Remove and Replace Concrete Median shall be paid at the contract price per square foot, which shall be full compensation for all work, materials, equipment, and incidentals to complete the work as shown in the plans and in accordance with Section 302.3 of the Standard Specifications.

BID ITEM 90009 - HIGH FRICTION COLORED SURFACE (GREEN)

DESCRIPTION

This work consists of furnishing and applying a high friction surfacing system in accordance with this Section and in conformity with the lines and details shown on the plans. The locations on the plans are noted as "Colored Cross Walk." The field installed system consists of a specially formulated two-component epoxy binder that is applied to the roadway surface and then covered with a durable aggregate to provide high friction resistance and the desired color.

The manufacturer's technical representative shall come to the construction site to train Department and Contractor personnel prior to surface treatment and shall be available during application as necessary.

MATERIALS

General: Use a two part cold applied modified exothermic epoxy resin binder treatment containing epoxy binder capable of retaining an aggregate topping under vehicular traffic conditions.

Epoxy Binder: Use a 100% solids, two part, self leveling, epoxy binder consisting of a thermosetting modified epoxy compound, which holds the aggregate firmly in position. The epoxy binder shall meet the following requirements:

<u>Property</u>	<u>Value</u>	<u>Test Method</u>
Tensile Strength @ 7 days, psi, minimum	2000	ASTM D 638
Hardness, Shore D, minimum	70	ASTM D 2240
Compressive Strength, psi, minimum 1	600	ASTM D 695
Gel Time, minutes, minimum	10	ASTM D 2471
Cure Rate, hours, maximum	3	Film@ 75°F
Water Absorption @ 24 hours, %, max. 0.25		ASTM D 570

Aggregate: The aggregate shall be high friction crushed Bauxite, Granite, or gravel. The aggregate will be delivered to the construction site in clearly labeled bags or sacks. The aggregate shall be clean, dry and free from foreign matter. The aggregate shall meet the following requirements:

<u>Property</u>	<u>Value</u>	<u>Test Method</u>
Aggregate Abrasion Value,	maximum 20	LA Abrasion
Aggregate Grading, No 6 Sieve Size,	minimum passing, 95%	
No 16 Sieve Size,	maximum passing, 5%	
Aggregate Color	Green	

Two part epoxy materials, which are not exothermic in curing and do not meet the viscosity requirements, will not be allowed. The Contractor shall provide an independent laboratory report which documents that the epoxy binder meets the requirements of this section.

Certification: Finished surface shall have a minimum 60 FN40R in accordance with ASTM E274) of aggregate bonded to a vehicular bearing surface using the modified epoxy binder.

CONSTRUCTION METHODS

General: Do not apply the two part modified epoxy binder on a wet surface, when the ambient and/or surface temperature is below 45°F or above 100°F, or when the anticipated weather conditions would prevent the proper application of the surface treatment, as determined by the manufacturer's representative and the Engineer. All components shall have a temperature greater than 45°F immediately before mixing and placement.

Preparation: Prepare surfaces so that they are clean, dry, and free of all dust, oil, debris and any other material that might interfere with the bond between the epoxy binder material and existing surfaces. The manufacturer's representative will determine if all surfaces have been adequately cleaned.

Protect utilities, drainage structures, curbs and any other structure within or adjacent to the treatment location against the application of the surface treatment materials. Cover and protect all existing pavement markings that are adjacent to the application surfaces as directed by the Engineer. Remove by grinding any pavement markings that conflict with the surface application and thoroughly sweep or vacuum the surface clean prior to the epoxy binder application.

Pre-treat joints and cracks greater than 1/4 inches in width and depth with the mixed epoxy specified herein or by using an alternative procedure proposed by the manufacturer and agreed upon by the Engineer. Proceed with the epoxy binder and aggregate topping installation once the epoxy, in the pre-treated areas, has gelled or once the alternative procedure has been accomplished.

For applications on new pavements, install the high friction epoxy binder and aggregate topping a minimum of 20 days after the placement of the underlying and adjacent pavement.

Mixing and Application of Epoxy Binder and Aggregate Wearing Course: Utilize one of the following methods for the application of the epoxy binder and aggregate wearing course, as applicable.

1) **Hand mixing and application:** Proportion the two-part modified epoxy base binder components, Part A and Part B, to the correct ratio, as recommended by the manufacturer, and mix using a low speed, high torque drill fitted with a helical stirrer. Hand-apply the mixed components onto a prepared pavement surface at a thickness of 50 to 100 mils. Uniformly spread hand-applied base binder onto the substrate

surface by means of a serrated edge squeegee. Immediately, spread the high friction surfacing aggregate onto the two part modified epoxy base binder.

2) **Mechanical mixing and application:** Apply the two part modified epoxy base binder by a truck mounted application machine onto the pavement section to be treated in varying widths at a uniform application thickness. Proceed with operations in such a manner that will not allow the epoxy base binder material to separate in the mixing lines, cure, dry, or otherwise impair retention bonding of the high friction surfacing aggregate. Apply the mixed components mechanically onto the prepared pavement surface with a uniform thickness of 50 to 100 mils. Immediately, mechanically apply the high friction surfacing aggregate in a uniform, continuous manner.

For either of the above methods, do not use vibratory or impact type compaction on the aggregate after placement. Use only lightweight rollers to seat the aggregate topping without crushing the aggregate. Complete coverage of the "wet" epoxy binder with aggregate is necessary to achieve a uniform surface. No exposed wet spots shall be visible once the aggregate is placed.

Curing: Allow the high friction aggregate topped epoxy binder to cure in accordance with manufacturer recommendations. Protect treated surfaces from traffic and environmental effects until the area has cured.

Removal of Excess Aggregate: Remove the excess aggregate by hand brooms, mechanical sweeping, or vacuum sweeping before opening to traffic. Excess aggregate can be reused on the following day's installation, provided the aggregate is clean, uncontaminated, and dry.

The Engineer may require additional mechanical or vacuum sweeping as necessary after the system fully cures and the treated surface is open to traffic.

PERFORMANCE REQUIREMENTS

Raveling and Delamination: Remove and replace high friction surface treatment that ravels, delaminates, or wears off within 90 days after placement, unless approved to remain in place by the Engineer. The limits of removal and replacement shall be approved by the Engineer. The replaced high friction surface treatment shall meet the requirements of this sub-article.

Warranty: The two part modified epoxy material shall be installed per plans and specification. The Engineer will notify the Contractor within 48 hours of installation regarding any of the two part modified epoxy material that is not installed to specification or to the satisfaction of the Engineer. Non conforming two part modified epoxy material shall be removed at no charge to the City and replaced with conforming product.

The warranty period in reference to the following points is to be 3 years from date of installation. Warranty of the following items shall be submitted in writing by the Contractor or his installer prior to the pre-construction meeting.

- The two part modified epoxy material will maintain its original color in the surface area throughout the 'warranty period' with the exception of natural weathering, tire and dirt deposits and abnormal markings applied after installation.
- Friction will achieve a minimum BPN of 60 in accordance with ASTM E-303
- The two part modified epoxy material will maintain its skid resistance qualities in 100% of its surface area to never fall below a BPN of 60 during the 'warranty period'.
- With the exception of structural cracking or excessive movement of the surface beneath the two-part modified epoxy, material will not be subject to excessive cracking in its surface.

METHOD OF MEASUREMENT

High Friction Colored surface will be measured in square yards, completed and accepted. No deduction will be made for the areas occupied by manholes, inlets, drainage structures, pavement markings or by any public utility appurtenances within the area.

BASIS OF PAYMENT

Payment for this work, measured as provided above, will be made under: High Friction Colored Surface at the contract unit price per square yard, which shall be full compensation for all work, materials, labor, and incidentals required to complete the work as specified, including any re-application or repair required under the Performance Requirements and Warranty as provided herein.

BID ITEM 90010 – PAVED SURFACE TEMPORARY

DESCRIPTION

This work shall include all work, materials, labor and incidentals necessary to construct a 2” minimum thick HMA pavement or 4” minimum concrete pavement suitable for use as a temporary pedestrian or motor vehicle access during the construction and meeting ADA accessibility standards. The Contractor shall determine if additional depth needed to ensure an ADA safe surface remains for the duration the patch is needed. Preparation for the temporary pavement is included with this item including excavation or fill as needed. The Contractor shall be responsible for maintaining the temporary pavement and all components with no additional compensation.

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.

BASIS OF PAYMENT

Paved Surface Temporary shall be 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 90011 – HMA PAVEMENT TYPE E-3 MODIFIED

DESCRIPTION

Work under this bid item shall be in accord with the City of Madison Standard Specifications for Public Works Construction Article 402 Asphalt Construction. The upper layer of the asphaltic pavement shall be 12.5mm E-3, PG 70-28 polymer modified.

Contractor shall submit mix design prior to project start.

Surface joint locations shall be reviewed with Engineer before paving operations begin.

METHOD OF MEASUREMENT & PAYMENT

HMA PAVEMENT TYPE E-3 MODIFIED shall be measured and paid per unit bid price per TON in accordance with Article 402 – Asphalt Construction of the City of Madison Standard Specifications.

BID ITEM 90012 – REHEATING HMA PAVEMENT JOINTS

DESCRIPTION

This special provision describes reheating the abutting edge of the previously compacted asphalt pavement lift in the adjacent lane while paving mainline asphalt pavements.

MATERIALS, EQUIPMENT AND CONSTRUCTION

Materials, equipment and construction shall be in accordance with the latest edition of the Standard Specifications for Highway and Structure Construction of the State of Wisconsin, Department of Transportation.

METHOD OF MEASUREMENT

Measurement for Reheating HMA Pavement Joints shall be by the full 100-foot (40 m) survey station acceptably completed as measured along the joint. Measurement of partial stations shall be by the tenth of a full station.

BASIS OF PAYMENT

Payment is full compensation for reheating HMA pavement joints including all labor, tools, equipment and incidentals necessary to complete the work.

BID ITEM 90013 – FENCE SAFETY

DESCRIPTION

This special provision describes constructing a plastic fence between the construction zone and all sidewalk, or as directed by the Engineer and as hereinafter provided. Fence shall extend to the ground to be detectable by cane for the blind.

MATERIALS

Provide notched conventional metal "T" or "U" shaped fence posts.
Provide fence fabric meeting the following requirements.

Color:	International orange (UV stabilized)
Roll Height:	4 feet
Mesh opening:	1 inch min to 3-inch max
Resin/construction:	High density polyethylene diamond mesh
Service temperature:	-60° F to 200° F (ASTM D648)
Tensile Yield:	Avg. 2000 lb per 4 ft. width (ASTM D638)
Ultimate tensile strength:	Avg. 3000 lb per 4 ft. width (ASTM D638)
Elongation at break (%):	Greater than 100% (ASTM D638)
Chemical resistance:	Inert to most chemicals and acids

CONSTRUCTION

Drive posts into the ground 12 to 18 inches or use other Engineer approved method to secure posts. Space posts at 7 feet.

Use a minimum of three wire ties to secure the fence at each post. Weave tension wire through the top row of strands to provide a top stringer that prevents sagging. Overlap two rolls at a post and secure with wire ties.

METHOD OF MEASUREMENT

City Engineering will measure Fence Safety by the linear foot along the base of the fence, center to center of posts. Fence moved or removed and replaced for construction activities will not be measured and paid again.

BASIS OF PAYMENT

Payment is full compensation for furnishing and installing fence and posts; maintaining the fence and posts in satisfactory condition; removing and disposing of fence and posts at project completion; and for furnishing all labor, tools, equipment and incidentals necessary to complete the work.

BID ITEM 90014 – REMOVE TREE GRATE

DESCRIPTION

This special provision describes removing tree grates in accordance with the pertinent provisions of Article 203 of the standard specifications and as hereinafter provided.

All existing tree grates shall be carefully removed and delivered to the City of Madison Parks Division at 4502 Sycamore Avenue. The Contractor shall notify Dean Kahl, City of Madison, (608) 266-4891 to schedule delivery.

All other material shall be removed from the right-of-way and disposed of by the Contractor.

METHOD OF MEASUREMENT

Removing Tree Grate shall be measured by the unit each removed.

BASIS OF PAYMENT:

Removing Tree Grate, measured as provided above, shall be paid at the contract unit price for work as described above.

BID ITEM 90015 – TREE GRATE 4' X 8' (INCLUDING FRAME)

DESCRIPTION

This work shall consist of the furnishing and installing tree grates as shown on the plans and as herein provided.

MATERIALS

Tree grates shall be cast iron per ASTM A48 class 35b or better. Standard finish is raw cast grey iron. Tree grate shall be a 4' by 8' rectangular, ADA compliant, provide with angle frame and rebar. Casting shall be R-8815-A(4' by 8'), Neenah Foundry Co. P.O. Box 729, 2121 Brooks Ave. Neenah, WI 54957, 920-725-7000.

CONSTRUCTION

The location of each grate shall be marked on the pavement or curb by the City Forester.

Install tree grates according to manufacturer's instructions and as shown on the details to provide installation on a true, flat plane.

Concrete installation under the grate frame shall be formed or cut back flush with the inside edge of the grate frame.

The Contractor shall excavate a minimum of three feet in depth in the location of the proposed tree grate to ensure location is suitable for tree planting. Any obstructions shall be reviewed by City Forestry for tree suitability and possible tree grate location adjustment.

The Contractor shall fill/plug the center tree hole of all grates that do not have trees in areas that are open to pedestrians as a result of the tree plantings not occurring until November. The surface shall be level with the surface of the tree grate. Tree hole shall be filled/plugged with a piece of plywood wired to the grate. A traffic cone shall be screwed to the top of the plywood. The Contractor shall support the center of the tree grate for those that do not have trees to prevent them from being broken. Unsupported grates broken before tree planting occurs (up to one calendar year if tree planting is by others) shall be the responsibility of the Contractor to replace.

METHOD OF MEASUREMENT

Tree grates as described above shall be measured by the unit, each, installed and accepted in place. All tree location test holes shall be considered incidental to the tree grate.

BASIS OF PAYMENT

This item, measured as provided above, will be paid for at the contract unit price each, which price shall be payment in full for furnishing, installing tree grates and washed stone; and for furnishing all labor, tools, equipment and incidentals necessary to complete this item of work.

BID ITEM 90016 – REMOVE, SALVAGE AND REINSTALL TREE

DESCRIPTION

This work shall consist of removal, salvaging and reinstallation of the trees inside the West Washington Avenue planter.

CONSTRUCTION

Under direct supervision and coordination with City Forestry, the Contractor using excavation equipment shall remove the existing tree(s). The Contractor shall load the tree(s) in/on a City vehicle for transportation away from the project site. Once the Contractor has completed underground utility work,

City Forestry shall deliver tree(s) to the site for reinstallation. Contractor under supervision of City Forestry will reinstall trees.

METHOD OF MEASUREMENT

Remove, Salvage, and Reinstall Tree shall be measured by the unit, each, for each tree successfully removed and reinstall per City Forestry acceptance.

BASIS OF PAYMENT

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

BID ITEM 90017 – REMOVE AND INSTALL PARKING GARAGE TERRACE GRATES

DESCRIPTION

This work shall consist of the removal and disposal of existing ventilation grates and installation of new grates provided by Dane County Public Works on both South Fairchild Street and West Main Street.

MATERIALS

Ventilation grates will be provided by Dane County Public Works. Rob Nebel at (608) 575-0890 or John Schraufnagel at (608) 575-3374 will coordinate delivery of the grates.

Any attachment material shall be provided by the contractor.

METHOD OF MEASUREMENT

Remove and Install Parking Garage Terrace Grates shall be measured by the unit, each, removed, installed and accepting in place.

BASIS OF PAYMENT

This item, measured as provided above, will be paid for at the contract unit price each, which price shall be payment in full for removal and disposal of existing grates and installing grates; and for furnishing all labor, tools, equipment and incidentals necessary to complete this item of work.

BID ITEM 90018 – REMOVE CONCRETE PLANTER WALL

DESCRIPTION

Work under this item shall include all work, materials, equipment, and incidentals required to remove the concrete planter wall at locations shown on the plans.

METHOD OF MEASUREMENT

Remove Concrete Planter Wall shall be measured by the lineal feet installed, measured along the center of the planter wall top.

BASIS OF PAYMENT

Remove Concrete Planter Wall shall be paid at the contract price per lineal foot, which shall be full compensation for all work, materials, equipment, and incidentals to complete the work as shown in the plans.

BID ITEM 90019 – REMOVE, SALVAGE AND REINSTALL DOWNTOWN MAP SIGN AND PEDESTAL BASE

DESCRIPTION

This work shall consist of removal, salvaging and reinstallation of the downtown map sign and pedestal base as shown on the plans and as herein provided.

CONSTRUCTION

Remove existing downtown map, pedestal base and all attachments from the planter at the intersection of West Washington Avenue and South Carroll Street, salvage and reinstall to the location shown on the plans. The equipment shall be secured at the same direction to correspond with the map and in a similar way as the existing condition.

METHOD OF MEASUREMENT

Salvage and Relocate Downtown Map and Pedestal Base shall be measured by the unit, each, removed, reinstalled and accepted in place.

BASIS OF PAYMENT

Remove, Salvage and Reinstall Downtown Map Sign and Pedestal Base measured as provided above, shall be paid for at the contract unit price, which shall be full compensation for furnishing all materials, labor, tools, equipment and incidentals required to complete the work set forth in the description.

BID ITEM 90020 – REMOVE, SALVAGE AND REINSTALL IRRIGATION SYSTEM & APPURTENANCES

DESCRIPTION

This item shall consist of removing, salvaging and reinstalling the planter irrigation services, utilities, appurtenances and connections to utilities. The work includes the removal and reinstallation of the following items as needed: water service lateral, electronic remote control valves, control timer, access restricted valve boxes, pop-up spray heads with nozzle, conduit, and electrical wire and connections.

The plans and details for the planter irrigation services shall be seen in the construction drawings and were prepared using Rain Bird Landscape Irrigation Products information. They are intended to provide the bidder with a description of the work needed to successfully complete underground utility work. All construction drawing detail have been copied from the original project in 2010 shall be used as reference.

In the event the irrigation system as a whole, or in parts, is damaged during construction, the Contractor will replace items as part of this bid item.

City of Madison Parks Department shall be contacted for coordination of shutting down or turning on the irrigation system.

MATERIALS (IF NEEDED)

The materials included in this item shall be all those required to completely reinstall the irrigation services, utilities and connections to utilities as shown in the contract drawings. All water and electrical line connections and joints necessary to completely reinstall and operate the irrigation services shall be furnished and installed by the Contractor as an incidental cost associated with this bid item.

The plans and special provisions are to be used for bidding purposes and are intended to define an irrigation system that adequately waters the entire planter and landscape areas intended. The Contractor shall be responsible to verify the pressure of the water during reinstallation of the nozzles and to verify adequate water coverage of the intended areas. The proprietary names are being used to call out the kind and quality of materials. The bidder may furnish materials equal to or better than those listed at the discretion of the City and at no increased cost to the City.

CONSTRUCTION

Trenching, Backfilling and Restoration

In landscape beds, topsoil shall be separated and salvaged for reuse in restoration. Care shall be taken to avoid tree root systems. Backfilling shall be done using the native material found on-site, foot-tamped in 6-inch lifts. Landscape bed restoration shall be accomplished using salvaged topsoil. Salvaged topsoil shall be fine-graded flush to undisturbed areas. Trenching, backfilling and salvaging topsoil in the landscape beds shall be paid as incidental to the removal and reinstallation of the irrigation system. Disturbed areas shall be sodded and shall be paid under separate bid item as part of the Sod-Black Beauty Tall Fescue bid item.

MEASUREMENT

Remove, Salvage, and Reinstall Irrigation System & Appurtenances shall be measured as lump sum for all work described herein.

BASIS OF PAYMENT

Remove, Salvage, and Reinstall Irrigation System & Appurtenances, measured as provided above, shall be paid for at the contract unit price, which shall be full compensation for furnishing all materials, labor, tools, equipment and incidentals required to complete the work set forth in the description.

BID ITEM 90021 – SOD, BLACK BEAUTY TALL FESCUE

DESCRIPTION

This special provision describes the placement of sod within the West Washington Avenue terrace planters. Sod shall meet the current version of the City of Madison Standard Specifications for Public Works Construction Article 208 – Sodding.

MATERIALS

Sod shall consist of a mixture below, or equal to, to match existing sod mixture in planters.

Black Beauty Tall Fescue (Paul's Turf & Tree Nursery, Inc., Marshall, WI)

Type	Percent
Dakota tall fescue	28%
Tombstone tall fescue	26%
Taos tall fescue	26%
Deep Blue Kentucky bluegrass	15%
Frontier Perennial Rye	5%

METHOD OF MEASUREMENT & PAYMENT

SOD, BLACK BEAUTY TALL FESCUE shall be measured and paid per unit bid price per square yard, in accordance with Article 208 – Sodding of the City of Madison Standard Specifications.

BID ITEM 90022 - UNDISTRIBUTED SHEET MEMBRANE WATERPROOFING

DESCRIPTION

This special provision describes preparing the surface, furnishing and installing a primer, waterproofing membrane, and hot rubberized sealer or mastic, or both, on the vault roof to be overlaid with a minimum of one-inch granular material and concrete.

MATERIALS

Provide a material in the waterproofing system that is specifically designed for use with vault roofs. The membrane shall consist of a cold-applied, self-adhering membrane incorporating a heat resistant woven or non-woven fabric or fiberglass reinforcing laminated in between layers of polymer modified bitumen or SBS modified rubberized asphalt. The membrane shall have a release film, polyester or polyethylene on the down side and may have a thin spun bonded open weave polyester fabric on the up side. Provide a composite sheet membrane with the following properties:

Property	Test Method	Specific Value
Width		36 inch min.
Tensile Strength	ASTM D 412	50 lb/in or 700 psi min.
Thickness		60 mils to 80 mils
Puncture Resistance	ASTM E 154	40 lb. min.
Permeance	ASTM E 96, Method B	0.05 US Perms max.
Low Temperature Pliability	ASTM D 146, 1-inch Mandrel @ -25° F	No cracks or splits at 180° bend
Water Absorption	ASTM D 570, 72 hr.	0.25% max.
Peel Adhesion	ASTM D 903	5 lb/in width min.
Crack Cycling @ -15° F, 100 cycles	ASTM C 836	No cracks or splits
Compound Softening Point	ASTM D 36	210° F ± 20° F
Viscosity of Membrane Rubberized Asphalt, @ 329° F	ASTM D 4402	3500 centipoise

Provide rubberized asphalt compound containing not more than 15% inorganic residue or filler material.

Provide primer, mastic and/or hot rubberized asphalt sealer conforming to the specified properties required by the manufacturer of the waterproofing membrane.

MATERIALS CERTIFICATION

Prior to membrane approval for initial submittals and/or upon reformulation of membrane material compounds, submit to the Engineer a notarized certification by an independent test laboratory stating that the materials conform to the requirements of these specifications. The certification shall include or have attached specific results of tests performed on the material supplied. The Engineer may at his option require samples of any material for testing. Prior approval membranes will be provisionally accepted by manufacturer's certification on their company letterhead, but may be subject to control and/or approval by subsequent testing.

CONSTRUCTION

Application Methods

Apply materials in strict accordance with the manufacturer's instructions. In order to install the waterproofing membrane, the vault roof temperature shall be a minimum of 45° F and rising. Before applying the system, become acquainted with the materials specified and their handling characteristics and become thoroughly familiar with the construction procedures recommended by the manufacturer. Furnish a copy of the recommended procedures to the Engineer. To establish procedures for maintaining optimum working conditions and to coordinate work related to adjacent construction, a pre-installation conference with a manufacturer's representative shall be held prior to starting construction. To provide quality assurance that the membrane has been properly installed, a manufacturer's representative familiar with membrane installation procedures shall be present during placement of the membrane.

After sidewalk removal operations, remove by sweeping, compressed air blasting, or by other satisfactory means any foreign material remaining on the vault roof. The roof shall be clean, dry and free from mud, dirt, sand, oil or grease and any other contaminants prior to application of the primer. No vehicles or equipment will be permitted on the roof after surface preparation except those necessary for the installation of the waterproofing membrane. The Engineer will inspect the roof prior to the application of the primer. Do not begin application of either the primer or membrane until after the Engineer grants approval.

To coat all surfaces of the roof and walls that will be covered with the membrane, apply primer uniformly as recommended by the manufacturer. Use roller, brush or spray to apply primer to the surfaces. If spraying is used, an approved method of protecting the environment is required.

Allow the primer to dry until tack free (approximately forty-five minutes) before applying the membrane. Apply primer only to an area that will be covered with the membrane within the same calendar day. If the surface of the roof becomes contaminated, clean and reprime the area.

Apply primer on the walls and expansion joints to the limits of the adjacent concrete pours. Take care to ensure that all corners are coated with primer.

After the primer has dried to a tack free condition, apply one layer of membrane to the roof starting on the low side edge.

To form a bond with the primed roof, remove the release film from the membrane on the tacky side while the membrane is rolled face down. Apply the membrane by hand methods or by using mechanical applicators. Overlap a minimum of 2.5 inches at the edges of each strip and overlap the membrane in such a

manner to provide a shingling effect toward the low side of the roof cross section. Overlap a minimum of 5 inches at the ends of each strip of membrane and overlap the membrane in such a manner to provide a shingling effect toward the lower side of the roof profile. Roll the entire membrane surface with a rubber tire roller to ensure firm and uniform contact with the primed surface. Use special care to ensure that the membrane is uniformly adhered to the concrete. The entire membrane shall be free of wrinkles, air bubbles, and other placement defects. In the event bubbles or blisters do form under the membrane, puncture the bubbles or blisters with a sharp pointed instrument such as an awl and press the membrane firmly into contact with the roof. Repair any membrane punctures, tears, holes, and misaligned or inadequate seams with a patch of waterproofing membrane sized as required to ensure water tightness. Apply membrane flashing to expansion joints and cut, fit and seal the membrane flashing with mastic or by heat sealing.

Cover the corners of walls and all other perimeter edges with narrow strips (flashing strips of approximately 12 inches), hot rubberized sealer, or mastic in accordance with manufacturer guidelines. As an additional method of ensuring a watertight bond, all terminating edges, transverse overlaps and longitudinal overlaps may be heated with a propane torch to soften the top mat and fuse the surfaces together.

The applicator foreman or lead worker shall be certified by the manufacturer of the waterproofing membrane as approved applicators, and shall be present during all applications.

OVERLAYING THE MEMBRANE WITH CONCRETE

Construct the concrete according to scheduling requirements elsewhere in the contract. Cover all exposed membrane with the specified granular material and concrete mix within five (5) days after installation. Chemical solvents, gasoline, diesel fuel, mineral spirits, etc. shall not be spilled or leaked onto the membrane. Prior to covering the membrane with granular material and concrete, clean and dry the membrane of mud, dirt, oil, grease, or any other contaminants, and dry the membrane. Patch contaminated areas as required by the Engineer.

METHOD OF MEASUREMENT

Sheet Membrane Waterproofing, installed in accordance with the contract and accepted will be measured, in area by the square feet.

BASIS OF PAYMENT

Sheet membrane waterproofing, measured as provided above, shall be paid at the contract unit price. Payment is full compensation for furnishing and placing the primer, membrane, mastic, and hot rubberized asphalt sealer; preparing the surface; and for furnishing all labor, tools, materials, equipment, and incidentals necessary to complete the contract work.

BID ITEM 90023 - UNDISTRIBUTED ABANDON VAULT

DESCRIPTION

The work shall consist of removing the vault roof, removing part of the outer walls and cracking the existing vault floor.

MATERIALS

Granular Backfill shall meet the requirements of Article 202 of the standard specifications.

METHOD OF MEASUREMENT

The department will measure Undistributed Abandon Vault in square feet of roof.

BASIS OF PAYMENT

Undistributed Abandon Vault measured as provided above, will be paid for at the contract price square feet, which price shall be payment in full for excavation of vault roof and vault walls, disposal of material and other debris, granular backfill, labor, material, equipment, and incidentals necessary to complete this item of work.

BID ITEM 90024 - UNDISTRIBUTED VAULT WALL

DESCRIPTION

The work shall consist of drilling in dowel bars and constructing a masonry wall.

MATERIALS

Clay brick, concrete brick, or concrete block masonry shall meet the requirements of Section 519 of the State of Wisconsin Standard Specifications. The new material shall match the existing foundation material. If the existing foundation is cast-in-place concrete, use concrete block or brick.

CONSTRUCTION

See construction details.

METHOD OF MEASUREMENT

The department will measure Undistributed Vault Wall in square feet of wall face.

BASIS OF PAYMENT

Undistributed Vault Wall shall be measured as provided above, will be paid for at the contract unit price square feet, which price shall be payment in full for construction of masonry wall, including ties to existing walls, waterproofing, labor, material, equipment, and incidentals necessary to complete this item of work.

BID ITEM 90030 - PRIVATE STORM SEWER RECONNECT, TYPE 1

DESCRIPTION

Work under this bid item shall include all work necessary to reconnect private storm sewer pipes to newly constructed storm sewer inlets or other structures. This bid item shall include all materials necessary to make the private storm sewer connection, including pipe and couplings as necessary. All pipe used in the reconnection of private storm sewer drains shall be either PVC or RCP material, and shall be similar in size to the existing private storm pipe, and shall be incidental to the work. Under no circumstances shall an existing, private storm sewer pipe be reduced in size. The Contractor shall not abandon any private storm sewer pipe without out definitive evidence that the pipe is abandoned. Acceptable evidence includes dye testing, sonding, the use of camera equipment, or building plans provided by the current property owner showing pipe abandonment.

METHOD OF MEASUREMENT

Private Storm Sewer Reconnect, Type 1 shall be measured on a per unit basis for each reconnection completed in the field.

BASIS OF PAYMENT

Private Storm Sewer Reconnect, Type 1 shall be paid for at the contract price, which shall be full compensation for all work, materials, and incidentals as outlined in the description.

BID ITEM 90031 – PRIVATE STORM SEWER RECONNECT, TYPE 2

DESCRIPTION

Work under this bid item shall include all work necessary to reconnect private storm sewer pipes to newly constructed storm sewer inlets or other structures. This bid item shall include all materials necessary to make the private storm sewer connection, including pipe and couplings as necessary. Work under this bid item shall also include all work, materials, and incidentals necessary to reroute, from the property line, the private storm line, as shown on the plan set. Pipe bedding, select backfill, and any surface repairs required by the realignment, shall all be considered incidental to this bid item. All pipe used in the reconnection of private storm sewer drains shall be either PVC or RCP material, shall be similar in size to the existing private storm pipe, and shall be incidental to the work. Under no circumstances shall an existing, private storm sewer pipe be reduced in size. The Contractor shall not abandon any private storm sewer pipe without out definitive evidence that the pipe is abandoned. Acceptable evidence includes dye testing, sonding, the use of camera equipment, or building plans provided by the current property owner showing pipe abandonment.

METHOD OF MEASUREMENT

Private Storm Sewer Reconnect, Type 2 shall be measured on a per unit basis for each reconnection completed in the field.

BASIS OF PAYMENT

Private Storm Sewer Reconnect, Type 2 shall be paid for at the contract price, which shall be full compensation for all work, materials, and incidentals as outlined in the description.

BID ITEM 90032 – 12-INCH STORM TEE

DESCRIPTION

Work under this bid item shall include all necessary work, materials, preparation, and incidentals necessary to furnish and install a 12” VCP to 12” RCP Precast Tee, in accordance with the plans. This bid item shall include a concrete collar, if necessary to complete the connection.

METHOD OF MEASUREMENT

12” Storm Tee shall be measured as a completed unit.

BASIS OF PAYMENT

12” Storm Tee shall be measured as described above, which shall be considered full payment for all work, materials, and incidentals required to complete the work.

BID ITEM 90070 - REMOVE CLEANOUT

DESCRIPTION

Work under this item shall include the removal of existing sanitary sewer cleanout as shown on the plan set. Incidental to this bid item shall be the disposal of the cleanout at a location off site by the Contractor. Abandonment or removal of the sewer main or lateral if required shall be paid for separately (See separate item- Bid Item 20336 - SANITARY SEWER PIPE PLUG, Bid Item 20315 - REMOVE PIPE).

This work shall be completed in accordance with Part V of the City of Madison Standard Specifications for Public Works Construction- Latest Addition.

METHOD OF MEASUREMENT

Remove Cleanout shall be measured as a completed unit.

BASIS OF PAYMENT

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

BID ITEM 90071 – REMOVE AND REPLACE 8” WHEDA LATERAL

DESCRIPTION

Work under this item shall include exposing the 8” diameter ductile iron sanitary lateral on Fairchild(STA 408’F’+29 RT 1.91). If the pipe lateral has Tru Spun printed on the outside the pipe, WHEDA(201 W. Washington Ave.) has requested that the pipe be replaced because they have experienced longitudinal pipe cracking (rusted through the pipe wall). If the pipe is replaced, work shall be completed in accordance with Part V of the City of Madison Standard Specifications for Public Works Construction- Latest Addition.

METHOD OF MEASUREMENT

Remove and Replace 8” WHEDA Lateral shall be measured as a lineal foot.

BASIS OF PAYMENT

Remove and Replace 8” WHEDA lateral shall be measured as described above and shall be paid for at the contract price which shall be full compensation for all work, materials, labor and incidentals required to complete the work set forth in the description.

BID ITEM 90120 - TEMPORARY WOOD POLES

DESCRIPTION

Work under this item consists of installing City-furnished temporary wood poles for overhead lighting or traffic signal applications as required, and for the locations determined by the Traffic Engineering (TE) Inspector. The quantity to be installed will be determined as the project progresses.

CONSTRUCTION

Wood poles will be sized to provide a minimum thirty (30) foot above grade height and be of the size and weight normally used for power poles. The poles shall be set in dug or bored holes, and set with compacted backfill. The location of each pole will be determined by the TE Inspector. The depth of the hole shall be approximately five feet, but fully subject to the review and revision by the TE Inspector. The poles shall be installed within one week after notification, or as directed by the TE Inspector. When they are no longer needed, they shall be removed and returned to the City of Madison Traffic Engineering Shop, 1120 Sayle Street. The City will install and subsequently remove any temporary facilities from these poles.

METHOD OF MEASUREMENT

Temporary Wood Pole will be measured as a unit complete in place, and removed after their use is no longer needed.

BASIS OF PAYMENT

Temporary Wood Pole, measured as provided above, will be paid for at the contract unit price each, which price shall be payment in full for picking up City-furnished wood poles, installing poles, furnishing backfill as needed, disposal of surplus materials; and for all labor, tools, equipment, and incidentals necessary to complete this item of work.

BID ITEM 90121 - ABANDON ELECTRICAL VAULT ROOM

DESCRIPTION

This item shall consist of abandoning the existing concrete electrical vault room under the street and sidewalk at the Fairchild-W Washington intersection. The vault room has nominal interior dimensions of 10' x 16' x 6'-9" high, with approximately 2'-3' of cover.

CONSTRUCTION METHODS

1. Remove the concrete roof and the top three feet of walls.
2. Break the floor to promote drainage; maximum unbroken floor size shall be two-foot by two-foot.
3. Backfill and compact with sand fill.
4. Remove and return the steel frame and cover to TE Shop, 1120 Sayle Street.

METHOD OF MEASUREMENT

Abandon Electrical Vault Room will be measured as a unit and the quantity measured for payment shall be the number of units completed in place and accepted in accordance with the contract.

BASIS OF PAYMENT

Abandon Electrical Vault Room will be paid for at the contract unit price each, which price shall be full compensation for all materials, labor, tools, equipment, and incidentals necessary to complete the work.

BID ITEM 90122 BASE FOR MULTI SPACE PARKING METERS

GENERAL

This item consists of picking up and installing city provided steel bases for multi space parking meters in accordance with the standard specifications, these Special Provisions, and the detail shown on the plans.

MATERIALS

All requirements specified in Article 301 - Concrete and Concrete Materials, regarding mix design, high-early strength concrete, testing, materials, mixing, placing, curing, and protecting the concrete, shall apply to the concrete used in the construction of said concrete slab around said bases.

CONSTRUCTION METHODS

Where bases are to be installed within existing sidewalks or improved terraces, the Contractor shall remove and replace the entire stone of sidewalk or improved terrace affected by the installation unless otherwise specified or directed by the Engineer.

The general locations of the bases are shown on the plans. The exact locations and elevations shall be established in the field by the Parking Utility Maintenance Supervisor (Dan Valenza, 266-4744). Unless otherwise specified, bases shall be placed with one side parallel to the center line of the adjacent sidewalk and the center of the base shall be four (4) feet from the face of the curb. The elevations of the bases shall be as shown on the detail unless otherwise specified.

The city-furnished steel base shall be cast into the concrete sidewalk slab. The top of the steel base shall be level, with a minimum depth of two inches below the finished slab grade.

The contractor shall install conduit as shown in the plan. Conduit shall extend three inches above the top of the steel base plate.

Unless otherwise specified, all backfill shall be in accordance with the requirements of Section 503.2 of these Specifications.

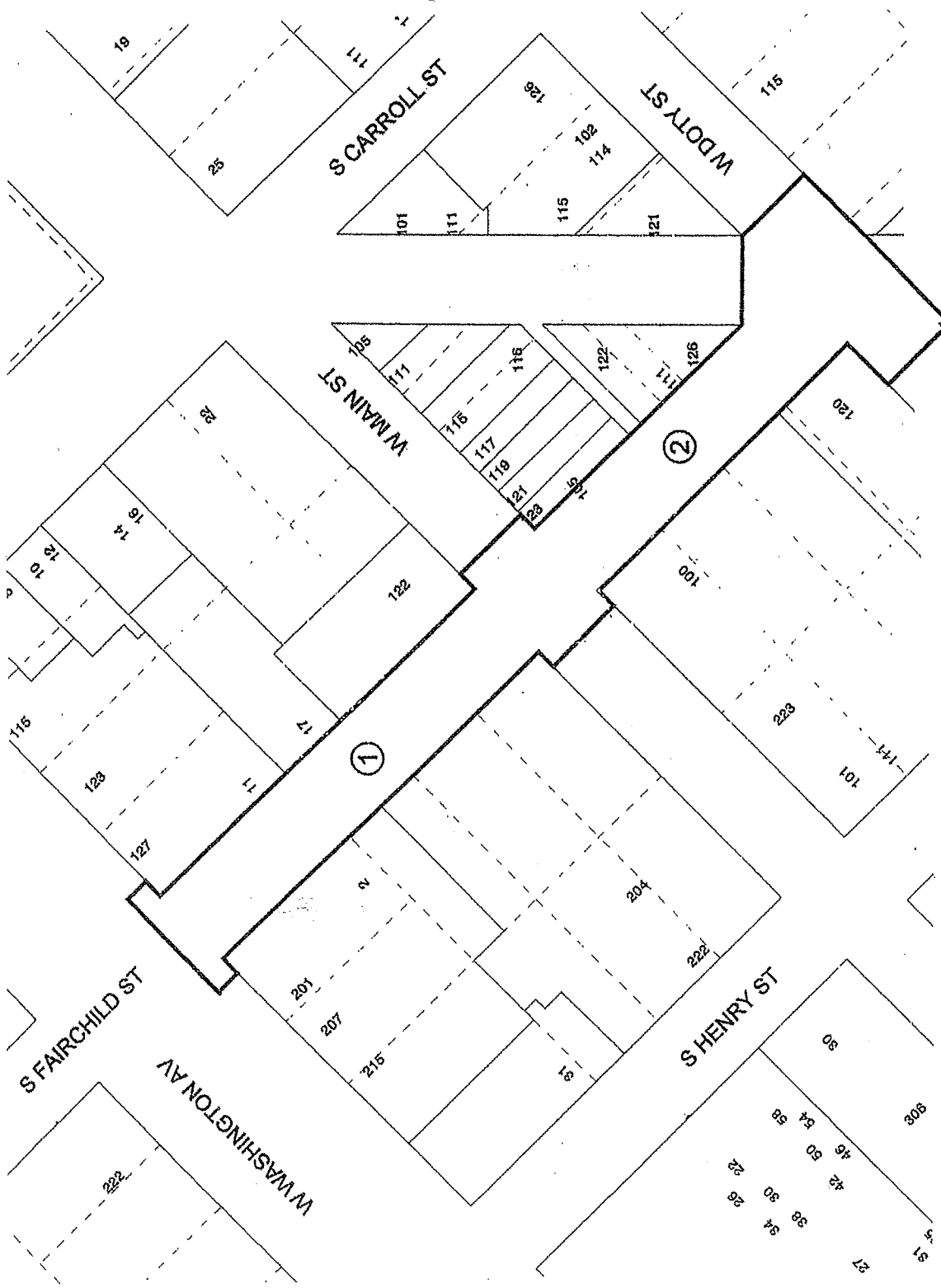
MEASUREMENT AND PAYMENT

This item shall be measured as units, complete in place and accepted in accordance with the contract.

This item, measured as provided above, will be paid for at the contract unit price for each base, which price shall be payment in full for picking up and installing the city provided steel plate in the concrete slab and placing the concrete slab; for excavation, backfill, and disposal of surplus materials; and for all labor, tools, equipment and incidentals necessary to complete these items of work.

BID ITEM 90160 - FURNISH AND INSTALL VALVE BOX

Existing valve boxes within the project limits that are found as damaged prior to any construction work shall be replaced with new valve boxes. Payment for this item includes all work related to the removal and replacement of the existing valve box.



Legend

① Denotes Boring Location



Notes

1. Base map provided by City of Madison.
2. Soil borings drilled by Badger State Drilling in November 2007

SOIL BORING LOCATION MAP
 South Fairchild Street
 Madison, Wisconsin

CGC, Inc.

DWN: -

APP'D: MNS

Date: 12/07

C07022-29



LOG OF TEST BORING

Project South Fairchild Street
125'NW of Main, 5'NE of Centerline
 Location Madison, Wisconsin

Boring No. 1
 Surface Elevation (ft) _____
 Job No. C07022-29
 Sheet 1 of 1

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

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	Rec (in.)	Moist	N	Depth (ft)		qu (qa) (tsf)	W	LL	PL	LI
					X	8 in. Asphalt Pavement/6 in. Concrete Pavement				
1	12	M	11		/	(3.0)				
2	18	M	8		/	(2.0)				
3	8	M	16	5	.					
						Medium Dense to Very Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles (SM)				
4	4	M	50/4"		.					
				10						
5	18	M	36		.					
				15						
						End Boring at 15 ft				
						Borehole backfilled with bentonite chips				
				20						

WATER LEVEL OBSERVATIONS	GENERAL NOTES
While Drilling <input checked="" type="checkbox"/> <u>NW</u> Upon Completion of Drilling <u>NW</u> Time After Drilling _____ Depth to Water _____ Depth to Cave in _____	Start <u>11/15/07</u> End <u>11/15/07</u> Driller <u>Badger Chief JHR</u> Rig <u>B-59</u> Logger <u>GFP</u> Editor <u>ESF</u> Drill Method <u>2-1/4 in. HSA</u>

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



LOG OF TEST BORING

Project South Fairchild Street
 Location 170' SE of Main, 15' SW of Centerline
Madison, Wisconsin

Boring No. 2
 Surface Elevation (ft) _____
 Job No. C07022-29
 Sheet 1 of 1

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

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	TYPE	Rec (in.)	Moist	N		Depth (ft)	qu (qa) (tsf)	W	LL	PL
					0	2.5 in. Asphalt Pavement/6 in. Concrete Pavement				
1		12	M	8	8	Stiff, Brown Lean CLAY (CL)				
2		16	M	15	15	Medium Dense to Very Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles (SM)				
3		16	M	55	55					
4		16	M	32	32					
5		18	M	44	44					
					15					
End Boring at 15 ft										
Borehole backfilled with bentonite chips										
					20					

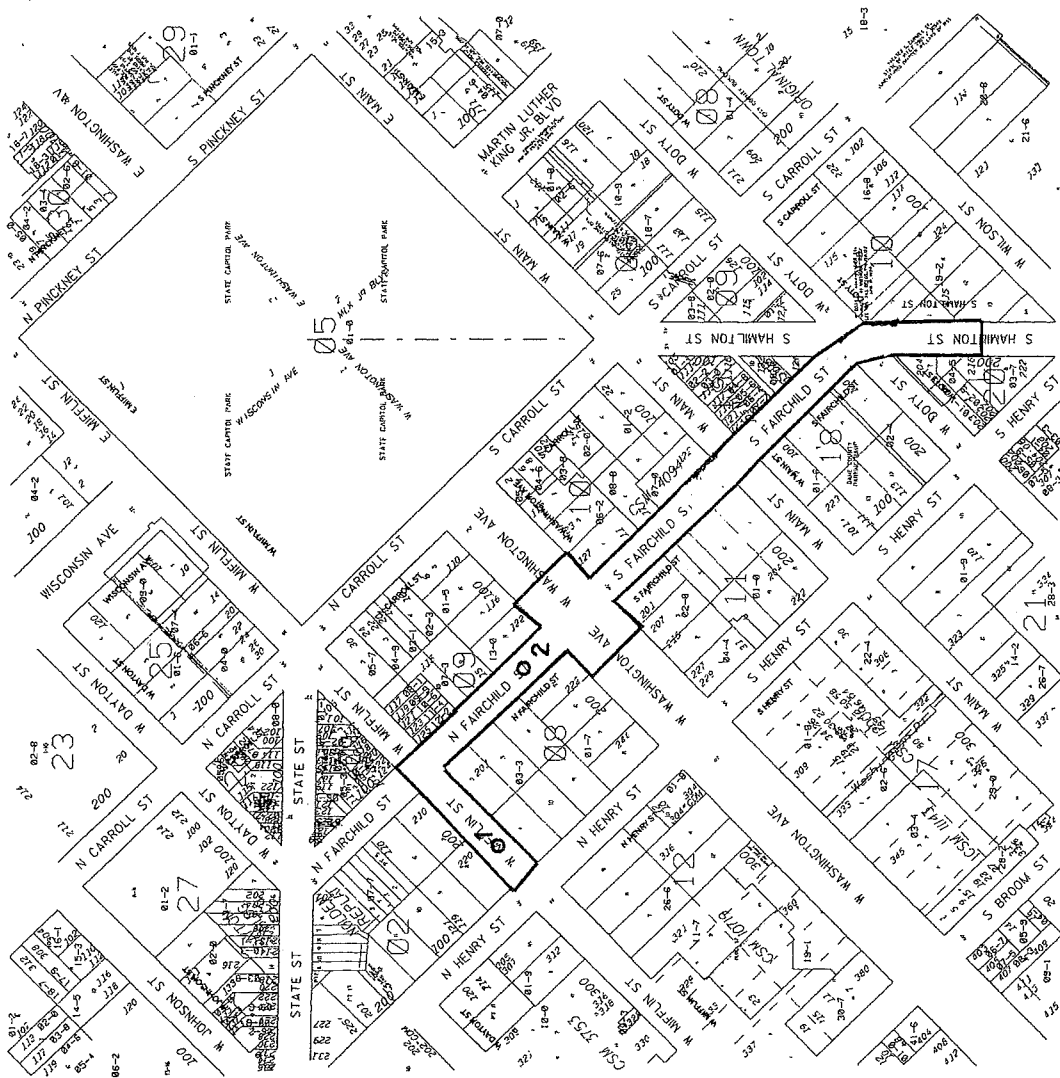
WATER LEVEL OBSERVATIONS

GENERAL NOTES

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

Start 11/15/07 End 11/15/07
 Driller Badger Chief JHR Rig B-59
 Logger GFP Editor ESF
 Drill Method 2-1/4 in. HSA

The stratification lines represent the approximate boundary between



Legend

○ Denotes Boring Location (approximate)



Notes

1. Soil boring performed by Badger State Drilling in August 2011

SOIL BORING LOCATION PLAN
 Fairchild Street and West Mifflin Street
 Madison, Wisconsin



DWN:-

APP'D: MNS

Date: 8/11

C11054-18



LOG OF TEST BORING

Project Fairchild Street and West Mifflin St.
Mifflin: 100'NE of Henry, 14' NW of CL
 Location Madison, Wisconsin

Boring No. 1
 Surface Elevation (ft) 102.2±
 Job No. C11054-18
 Sheet 1 of 1

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

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	TYPE	Rec (in.)	Moist	N		Depth (ft)	qu (qa) (tsf)	W	LL	PL
					6 in. Asphalt Pavement/10" Base Course					
1		12	M	42	FILL: Brown Sand with Silt and Gravel					
2		12	M	6	Stiff to Very Stiff, Green-Brown Mottled Lean CLAY Y(CL)	(2.5)				
3		12	M	9		(1.25)				
4		18	M	15		(2.0)				
5		18	M	19	Medium Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles and Boulders (SM)					
					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 at the intersection of Fairchild and Mifflin					

WATER LEVEL OBSERVATIONS

GENERAL NOTES

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

Start 8/10/11 End 8/10/11
 Driller Badger Chief BM Rig CME-55
 Logger MC Editor ESF
 Drill Method 2 1/4" HSA

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



LOG OF TEST BORING

Project Fairchild Street and West Mifflin St.
Fairchild: 150'NW of Washington, 6'SW of CL
 Location Madison, Wisconsin

Boring No. 2
 Surface Elevation (ft) 117.8*
 Job No. C11054-18
 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.	Field Rec (in.)	Moist	N	Depth (ft)		qu (qa) (tsf)	W	LL	PL	LI
					9" Asphalt Pavement/8" Concrete Pavement/10" Base Course					
1	12	M	7		Stiff to Very Stiff, Brown Lean CLAY, Trace Sand and Gravel (CL) Possible Fill to 3 ft	(2.25)				
2	6	M	4			(1.25)				
3	18	M	14		Medium Dense to Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles and Boulders (SM)					
4	18	M	29							
5	18	M	30							
					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 at the intersection of Fairchild and Mifflin					

WATER LEVEL OBSERVATIONS

GENERAL NOTES

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

Start 8/10/11 End 8/10/11
 Driller Badger Chief BM Rig CME-55
 Logger MC Editor ESF
 Drill Method 2 1/4" HSA

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

SECTION E: PROPOSAL

**SOUTH FAIRCHILD STREET, WEST DOTY STREET, & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012
CONTRACT NO. 6824**

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 - 2011 Edition thereto, Form of Agreement, Form of Bond, and Addenda issued and attached to the plans and specifications on file in the office of the City Engineer, hereby proposes to provide and furnish all the labor, materials, tools, and expendable equipment necessary to perform and complete in a workmanlike manner the specified construction on this project for the City of Madison; all in accordance with the plans and specifications as prepared by the City Engineer, including Addenda to the Contract Nos. _____ through _____ issued thereto, at the prices for said work as contained in this proposal.
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 _____
(name of corporation, partnership, or person submitting bid)
a corporation organized and existing under the laws of the State of _____ a
partnership consisting of _____; an individual trading as _____; of
the City of _____; State of _____; that I have examined and carefully prepared this
Proposal, from the plans and specifications and have checked the same in detail before submitting
this Proposal; that I have fully authority to make such statements and submit this Proposal in (its,
their) behalf; and that the said statements are true and correct.

SIGNATURE

TITLE, IF ANY

Sworn and subscribed to before me this
_____ day of _____, 20_____

(Notary Public or other officer authorized to administer oaths)
My Commission Expires _____

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

**SOUTH FAIRCHILD STREET, WEST DOTY STREET, & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012
CONTRACT NO. 6824**

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

**SOUTH FAIRCHILD STREET, WEST DOTY STREET, & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012
CONTRACT NO. 6824**

Best Value Contracting

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

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.

**SOUTH FAIRCHILD STREET, WEST DOTY STREET, & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012
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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 type="checkbox"/>	Cement Mason / Concrete Finisher		<input 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 type="checkbox"/>	Construction Craft Laborer		<input 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 type="checkbox"/>	Heavy Equipment Operator / Operating Engineer		<input 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"/>	Rofer & 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"/>

PROPOSAL

NAME OF BIDDER

**SOUTH FAIRCHILD STREET, WEST DOTY STREET & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012**

CONTRACT NO. 6824

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES	UNIT PRICE BID	TOTAL BID
STREET ACCOUNT NO. CS53-58250-810571-00-53W1367				
10701	TRAFFIC CONTROL	1	LUMP SUM	
10721	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	200	DAYS	
10801	ROOT CUTTING - CURB & GUTTER	25	L.F.	
10802	ROOT CUTTING - SIDEWALK	100	L.F.	
10911	MOBILIZATION	1	LUMP SUM	
20101	EXCAVATION CUT	6690	C.Y.	
20130	UNDERDRAIN	120	L.F.	
20140	GEOTEXTILE FABRIC TYPE SAS (NON-WOVEN)	500	S.Y.	
20219	BREAKER RUN	2250	TON	
20221	TOPSOIL	740	S.Y.	
20301	SAWCUT CONCRETE PAVEMENT, FULL DEPTH	750	L.F.	
20303	SAWCUT BITUMINOUS PAVEMENT, FULL DEPTH	750	L.F.	
20321	REMOVE CONCRETE PAVEMENT	6100	S.Y.	
20322	REMOVE CONCRETE CURB & GUTTER	2560	L.F.	
20323	REMOVE CONCRETE SIDEWALK & DRIVE	16025	S.F.	
20401	CLEARING	74	I.D.	
20403	GRUBBING	84	I.D.	

**SOUTH FAIRCHILD STREET, WEST DOTY STREET & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012**

CONTRACT NO. 6824

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
20801	SODDING	740	S.Y.		
30201	TYPE "A" CONCRETE CURB & GUTTER	2605	L.F.		
30203	TYPE "X" CONCRETE CURB & GUTTER	75	L.F.		
30301	5" CONCRETE SIDEWALK	19500	S.F.		
30302	7" CONCRETE SIDEWALK AND DRIVE	2400	S.F.		
30340	CURB RAMP DETECTABLE WARNING FIELD	388	S.F.		
40101	CRUSHED AGGREGATE BASE COURSE, GRADATION 1	2050	TON		
40102	CRUSHED AGGREGATE BASE COURSE, GRADATION 2	4650	TON		
40203	HMA PAVEMENT TYPE E-3	2160	TON		
40211	BITUMINOUS TACK COAT	850	GAL		
40231	ASPHALT DRIVE & TERRACE (UNDISTRIBUTED)	50	S.Y.		
40301	FULL WIDTH GRINDING	1600	S.Y.		
40402	9 INCH CONCRETE PAVEMENT	60	S.Y.		
60800	PAVEMENT MARKING EPOXY, LINE, 4-INCH	2000	L.F.		
60801	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	652	L.F.		
60802	PAVEMENT MARKING EPOXY, LINE, 6-INCH	1000	L.F.		
60803	PAVEMENT MARKING EPOXY, LINE, 8-INCH	430	L.F.		
60806	PAVEMENT MARKING EPOXY, RADIUS LINE, 6-INCH (5' LINE, 5' GAP)	245	L.F.		
60812	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	130	L.F.		

**SOUTH FAIRCHILD STREET, WEST DOTY STREET & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012**

CONTRACT NO. 6824

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
60814	PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH	1550	L.F.		
60816	PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH	716	L.F.		
60818	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH	450	L.F.		
60822	PAVEMENT MARKING EPOXY, SYMBOL, BIKE SHARROW	12	EACH		
60823	PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE	4	EACH		
60824	PAVEMENT MARKING EPOXY, SYMBOL, BIKE STRAIGHT ARROW	13	EACH		
60825	PAVEMENT MARKING EPOXY, SYMBOL, BIKE LEFT ARROW	1	EACH		
60830	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW	8	EACH		
60834	PAVEMENT MARKING EPOXY, WORD, ONLY	6	EACH		
60880	PAVEMENT MARKING REMOVAL, 4-INCH	510	L.F.		
60882	PAVEMENT MARKING REMOVAL, 8-INCH	100	L.F.		
60885	PAVEMENT MARKING REMOVAL, 24-INCH	37	L.F.		
60886	PAVEMENT MARKING REMOVAL, 4-INCH DOUBLE LINE	70	L.F.		
60887	PAVEMENT MARKING REMOVAL, SYMBOL, ARROW	5	EACH		
60888	PAVEMENT MARKING REMOVAL, SYMBOL, WORD	5	EACH		
60940	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, LINE, 4-INCH	1000	L.F.		
60941	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, DOUBLE LINE, 4-INCH	50	L.F.		
60944	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, LINE, 12-INCH	200	L.F.		
60955	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, STRAIGHT ARROW	2	EACH		

**SOUTH FAIRCHILD STREET, WEST DOTY STREET & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012**

CONTRACT NO. 6824

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
90001	INCENTIVE/DISINCENTIVE FOR COMPLETION OF WORK	10	DAYS	\$ 3,000.00	\$ 30,000.00
90002	MAINTAIN COMMERCIAL DRIVE ACCESS	13	EACH		\$ -
90003	TEMPORARY CROSSWALK ACCESS	1	LUMP SUM		\$ -
90004	C1 CONCRETE SIDEWALK 7-INCH	165	S.F.		\$ -
90005	CONCRETE SIDEWALK TEST POUR	1	EACH		\$ -
90006	CONCRETE WASTE MANAGEMENT	1	LUMP SUM		\$ -
90007	CONCRETE PLANTER WALL	40	L.F.		\$ -
90008	REMOVE AND REPLACE CONCRETE MEDIAN	140	S.F.		\$ -
90009	HIGH FRICTION COLORED SURFACE (GREEN)	40	S.Y.		\$ -
90010	PAVED SURFACE TEMPORARY	1000	S.Y.		\$ -
90011	HMA PAVEMENT TYPE E-3 MODIFIED	1225	TON		\$ -
90012	REHEATING HMA PAVEMENT JOINTS	10	STA		\$ -
90013	FENCE SAFETY	900	L.F.		\$ -
90014	REMOVE TREE GRATE	10	EACH		\$ -
90015	TREE GRATE 4'X8' (INCLUDING FRAME)	27	EACH		\$ -
90016	REMOVE, SALVAGE AND REINSTALL TREE	2	EACH		\$ -
90017	REMOVE AND INSTALL PARKING GARAGE TERRACE GRATES	4	EACH		\$ -
90018	REMOVE CONCRETE PLANTER WALL	50	L.F.		\$ -
90019	REMOVE, SALVAGE, REINSTALL DOWNTOWN MAP SIGN AND PEDESTAL BASE	1	EACH		\$ -

**SOUTH FAIRCHILD STREET, WEST DOTY STREET & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012**

CONTRACT NO. 6824

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
90020	REMOVE, SALVAGE, REINSTALL IRRIGATION SYSTEM & APPRUTENANCES	1	LUMP SUM		
90021	SOD, BLACK BEAUTY TALL FESCUE	125	S.Y.		
90022	UNDISTRIBUTED SHEET MEMBRANE WATERPROOFING	1000	S.F.		
90023	UNDISTRIBUTED ABANDON VAULT	800	S.F.		
90024	UNDISTRIBUTED VAULT WALL	100	S.F.		

STREET ACCOUNT NO. CS53-58270-810571-00-53W1367

20217	CLEAR STONE	2400	TONS		
20502	ADJUST CATCHBASIN	2	EACH		
20503	ADJUST INLET	1	EACH		
21001	EROSION CONTROL PLAN & IMPLEMENTATION	1	LUMP SUM		
21001	EROSION CONTROL INSPECTION	16	EACH		
21011	CONSTRUCTION ENTRANCE	8	EACH		
21012	STREET CONSTRUCTION ENTRANCE BERM	4	EACH		
21013	STREET SWEEPING	1	LUMP SUM		
21041	INLET PROTECTION, TYPE D - COMPLETE	58	EACH		
21051	CLEAN SUMP	1	EACH		
21052	POLYMER STABILIZATION	11000	S.Y.		
50411	12 INCH RCP STORM SEWER	477	L.F.		
50741	TYPE "H" INLET	28	EACH		

STORM ACCOUNT NO. ESTM-58270-810381-00-53W1367

**SOUTH FAIRCHILD STREET, WEST DOTY STREET & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012**

CONTRACT NO. 6824

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
10702	TRAFFIC CONTROL FOR STORM SEWER INSTALLATION	1	LUMP SUM		
10912	MOBILIZATION FOR STORM SEWER INSTALLATION	1	LUMP SUM		
20312	REMOVE CATCHBASIN	4	EACH		
20313	REMOVE INLET	16	EACH		
20314	REMOVE PIPE	12	L.F.		
20335	ABANDON SEWER PIPE WITH SLURRY	5.7	C.Y.		
20337	PIPE PLUG (10 INCH PIPE OR GREATER)	10	EACH		
50211	SELECT BACKFILL FOR STORM SEWER	1561	T.F.		
50231	UTILITY TRENCH PATCH TYPE III (STORM)	260	T.F.		
50400	8 INCH STORM SEWER PIPE (AWWA C900)	18	L.F.		
50401	12 INCH STORM SEWER PIPE (AWWA C900)	136	L.F.		
50402	15 INCH STORM SEWER PIPE (AWWA C900) (UNDISTRIBUTED)	50	L.F.		
50412	15 INCH RCP STORM SEWER PIPE	590	L.F.		
50413	18 INCH RCP STORM SEWER PIPE (UNDISTRIBUTED)	20	L.F.		
50414	21 INCH RCP STORM SEWER PIPE	182	L.F.		
50415	24 INCH RCP STORM SEWER PIPE	158	L.F.		
50499	CONCRETE COLLAR	1	EACH		
50720	3'X6' STORM SAS	1	EACH		
50723	3'X3' STORM SAS	6	EACH		

**SOUTH FAIRCHILD STREET, WEST DOTY STREET & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012**

CONTRACT NO. 6824

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
50724	4'X4' STORM SAS	8	EACH		
50753	4X4' STROM SAS W/ 3-FOOT SUMP	1	EACH		
50792	STORM SEWER TAP	4	EACH		
50801	UTILITY LINE OPENING (ULO)	69	EACH		
90030	PRIVATE STORM SEWER RECONNECT - TYPE 1	8	EACH		
90031	PRIVATE STORM SEWER RECONNECT - TYPE 2	5	EACH		
90032	12-INCH STORM TEE	1	EACH		
SANITARY ACCOUNT NO. ES01-58275-810332-00-53W1367					
10704	TRAFFIC CONTROL FOR SANITARY SEWER CONSTRUCTION	1	LS		
10914	MOBILIZATION FOR SANITARY SEWER CONSTRUCTION	1	LS		
20301	SAWCUT CONCRETE PAVEMENT, FULL DEPTH	310	L.F.		
20311	REMOVE SEWER ACCESS STRUCTURE	13	EACH		
20315	REMOVE PIPE (SANITARY)	200	L.F.		
20321	REMOVE CONCRETE PAVEMENT	250	S.Y.		
20336	SANITARY SEWER PLUG PIPE	47	EACH		
20501	ADJUST SEWER ACCESS STRUCTURE	4	EACH		
50103	RECONSTRUCT BENCH & FLOWLINES	4	EACH		
50201	ROCK EXCAVATION (UNDISTRIBUTED)	50	C.Y.		
50212	SELECT FILL FOR SANITARY SEWER MAIN	2130	T.F.		
50225	UTILITY TRENCH PATCH TYPE III (SANITARY)	240	T.F.		

**SOUTH FAIRCHILD STREET, WEST DOTY STREET & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012**

CONTRACT NO. 6824

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
50301	8" PVC SANITARY SEWER PIPE SDR-35, SDR-26	1318	LF		
50302	10" PVC SANITARY SEWER PIPE SDR-35, SDR-26	273	LF		
50304	15" PVC SANITARY SEWER PIPE SDR-26	18	LF		
50353	SANITARY SEWER LATERAL SDR-35 & SDR-26	258	LF		
50354	RECONNECT SANITARY LATERAL	7	EACH		
50357	COMPRESSION COUPLING	2	EACH		
50361	WASTEWATER CONTROL	1	LS		
50390	SEWER ELECTRONIC MARKERS	22	EACH		
50701	FOUR FOOT DIAMETER SAS	19	EACH		
50771	INTERNAL CHIMNEY SEALS	1	EACH		
50780	CLEANOUT	2	EACH		
50781	8 INCH SANITARY SEWER OUTSIDE DROP	13.84	V.F.		
50791	SANITARY SEWER TAP	13	EACH		
50801	UTILITY LINE OPENING	2	EACH		
90070	REMOVE CLEANOUT	2	EACH		
90071	REMOVE AND REPLACE 8" WHEDA LATERAL	23	L.F.		
WATER ACCOUNT NO. EW01-58273-810455-00-53W1367					
10703	TRAFFIC CONTROL FOR WATER MAIN INSTALLATION	1	LUMP SUM		
10913	MOBILIZATION FOR WATER MAIN INSTALLATION	1	LUMP SUM		
40381	REMOVE & REPLACE CONCRETE CURB & GUTTER	10	L.F.		

**SOUTH FAIRCHILD STREET, WEST DOTY STREET & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012**

CONTRACT NO. 6824

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
40392	REMOVE & REPLACE CONCRETE SIDEWALK	10	S.F.		
50225	UTILITY TRENCH PATCH TYPE III	430	T.F.		
50801	UTILITY LINE OPENING (ULO)	3	EACH		
70001	FURNISH AND INSTALL 4 INCH PIPE & FITTINGS	108	L.F.		
70002	FURNISH AND INSTALL 6 INCH PIPE & FITTINGS	306	L.F.		
70003	FURNISH AND INSTALL 8 INCH PIPE & FITTINGS	936	L.F.		
70004	FURNISH AND INSTALL 10 INCH PIPE & FITTINGS	54	L.F.		
70005	FURNISH AND INSTALL 12 INCH PIPE & FITTINGS	1494	L.F.		
70405	CUT-IN CONNECTION	11	EACH		
70407	FURNISH AND INSTALL HYDRANT	7	EACH		
70408	SELECT FILL - SAND FOR WATER	2898	L.F.		
70413	FURNISH AND INSTALL STYROFOAM	130	L.F.		
70415	ABANDON WATER VALVE BOX	19	EACH		
70416	ABANDON HYDRANT	7	EACH		
70417	ABANDON WATER VALVE ACCESS STRUCTURE	13	EACH		
70418	ADJUST WATER VALVE BOX	4	EACH		
70424	TERRACE RESTORATION FOR WATER MAIN	15	L.F.		
70427	FURNISH AND INSTALL 4 INCH VALVE	4	EACH		
70428	FURNISH AND INSTALL 6 INCH VALVE	10	EACH		

**SOUTH FAIRCHILD STREET, WEST DOTY STREET & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012**

CONTRACT NO. 6824

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
70429	FURNISH AND INSTALL 8 INCH VALVE	6	EACH		
70431	FURNISH AND INSTALL 12 INCH VALVE	9	EACH		
70440	EXTEND AND RECONNECT SERVICE LATERAL - 1 INCH	35	L.F.		
70441	EXTEND AND RECONNECT SERVICE LATERAL - 1.5 INCHES	20	L.F.		
70442	EXTEND AND RECONNECT SERVICE LATERAL - 2 INCHES	40	L.F.		
70444	DISCONNECT / RECONNECT SERVICE LATERAL - 1.5 INCHES OR 2 INCHES	1	EACH		
70450	FURNISH AND INSTALL CURB BOX	1	EACH		
70451	FURNISH AND INSTALL CURB STOP	1	EACH		
70452	ADJUST WATER SERVICE BOX	2	EACH		
70456	FURNISH EXCAVATION AND DITCH FOR LIVE TAP	9	EA		
90160	FURNISH AND INSTALL VALVE BOX	1.00	EACH		
TRAFFIC SIGNALS ACCOUNT NO. CS53-58540-810571-00-53W1367					
20501	ADJUST ELECTRICAL UTILITY ACCESS STRUCTURE	2	EACH		
60222	FURNISH & INSTALL 3 INCH PVC (SCHEDULE 80) CONDUIT	3800	L.F.		
60224	FURNISH & INSTALL 3 INCH PVC (SCHEDULE 40) CONDUIT	3000	L.F.		
60228	FURNISH & INSTALL 2 1/2 INCH PVC (SCHEDULE 40) CONDUIT	50	L.F.		
60407	CONSTRUCT LB-8 BASE	6	EACH		
60411	CONSTRUCT TYPE "G" BASE	6	EACH		
60413	CONSTRUCT TYPE "P" BASE	1	EACH		

**SOUTH FAIRCHILD STREET, WEST DOTY STREET & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012**

CONTRACT NO. 6824

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
60423	REMOVE TRAFFIC SIGNAL BASE	8	EACH		
60427	REMOVE ELECTRICAL HANDHOLE	5	EACH		
60432	ABANDON EXISTING ELECTRICAL UTILITY ACCESS STRUCTURE	5	EACH		
60701	CONSTRUCT ELECTRICAL UTILITY ACCESS STRUCTURE	1	EACH		
60702	CONSTRUCT ELECTRICAL HANDHOLE TYPE I	1	EACH		
60706	CONSTRUCT ELECTRICAL HANDHOLE TYPE V	13	EACH		
90121	ABANDON ELECTRICAL VAULT ROOM	1	EACH		
90122	BASE FOR MULTISPACE PARKING METER	3	EACH		

STREET LIGHTS ACCOUNT NO. CS53-58545-810571-00-53W1367

60230	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 80) CONDUIT	300	L.F.		
60232	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 40) CONDUIT	2500	L.F.		
60234	FURNISH & INSTALL 1 1/4 INCH PVC (SCHEDULE 40) CONDUIT	100	L.F.		
60401	CONSTRUCT LB-1 BASE	22	EACH		
60403	CONSTRUCT LB-3 BASE	12	EACH		
60408	CONSTRUCT OFFSET BASE	1	EACH		
60421	REMOVE STREET LIGHT BASE	13	EACH		

TRAFFIC SIGNALS ACCOUNT NO. CS53-58540-810571-00-53W1367(50%)

STREET LIGHTS ACCOUNT NO. CS53-58545-810571-00-53W1367(50%)

60241	GOPHER RACEWAY FOR ELECTRICAL CONDUIT OR CABLE-IN-DUCT	400	L.F.		
60412	CONSTRUCT TYPE "M" BASE	4	EACH		

**SOUTH FAIRCHILD STREET, WEST DOTY STREET & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012**

CONTRACT NO. 6824

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
90120	TEMPORARY WOOD POLE	12	EACH		
TRAFFIC SIGNALS ACCOUNT NO. CS53-58540-810571-00-53W1367(67.5%)					
STREET LIGHTS ACCOUNT NO. CS53-58545-810571-00-53W1367(32.5%)					
60261	ELECTRICAL TRENCH	4300	L.F.		
				GRAND TOTAL	

SECTION F: BID BOND

KNOW ALL MEN BY THESE PRESENT, THAT _____
(a corporation of the State of _____) (individual), (partnership), hereinafter referred to as
the "Principal") and _____, a corporation of the State of _____ (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, (hereinafter referred to as the "Obligee"), in the sum of five per cent (5%) of the
amount of the total bid or bids of the Principal herein accepted by the Obligee, for the payment of which
the Principal and the Surety bind themselves, their heirs, executors, administrators, successors and
assigns, jointly and severally, firmly by these presents.

The conditions of this obligation are such that, whereas the Principal has submitted, to the City of
Madison a certain bid, including the related alternate, and substitute bids attached hereto and hereby made
a part hereof, to enter into a contract in writing for the construction of:

SOUTH FAIRCHILD STREET, WEST DOTY STREET, & SOUTH CARROLL STREET ASSESSMENT DISTRICT - 2012 CONTRACT NO. 6824

1. If said bid is rejected by the Obligee, then this obligation shall be void.
2. If said bid is accepted by the Obligee and the Principal shall execute and deliver a contract in the
form specified by the Obligee (properly completed in accordance with said bid) and shall furnish
a bond for his/her faithful performance of said contract, and for the payment of all persons
performing labor or furnishing materials in connection therewith, and shall in all other respects
perform the agreement created by the acceptance of said bid, then this obligation shall be void.

If said bid is accepted by the Obligee and the Principal shall fail to execute and deliver the
contract and the performance and payment bond noted in 2. above executed by this Surety, or
other Surety approved by the City of Madison, all within the time specified or any extension
thereof, the Principal and Surety agree jointly and severally to forfeit to the Obligee as liquidated
damages the sum mentioned above, it being understood that the liability of the Surety for any and
all claims hereunder shall in no event exceed the sum of this obligation as stated, and it is further
understood that the Principal and Surety reserve the right to recover from the Obligee that portion
of the forfeited sum which exceed the actual liquidated damages incurred by the Obligee.

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

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.

Seal

Principal

Date

By:

Name of Surety

By:

Date

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

Date

Agent

Address

City, State and Zip Code

Telephone Number

NOTE TO SURETY & PRINCIPAL

The bid submitted which this bond guarantees may be rejected if the following instrument is not attached to this bond:

Power of Attorney showing that the agent of Surety is currently authorized to execute bonds on behalf of the Surety, and in the amounts referenced above.

Certificate of Biennial Bid Bond

TIME PERIOD - VALID (FROM/TO)
NAME OF SURETY
NAME OF CONTRACTOR
CERTIFICATE HOLDER <p style="text-align: center;">City of Madison, Wisconsin</p>

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

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

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

Signature of Authorized Contractor Representative

Date

SECTION G: AGREEMENT

THIS AGREEMENT made this _____ day of _____ in the year Two Thousand and Twelve between _____ 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 _____, 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:

SOUTH FAIRCHILD STREET, WEST DOTY STREET, & SOUTH CARROLL STREET ASSESSMENT DISTRICT - 2012 CONTRACT NO. 6824

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 _____ (\$ _____) Dollars being the amount bid by such Contractor and which was awarded to him/her as provided by law.
4. **Wage Rates for Employees of Public Works Contractors**

General and Authorization. The Contractor shall compensate its employees at the prevailing wage rate in accordance with section 66.0903, Wis. Stats., DWD 290 of the Wisconsin Administrative Code and as hereinafter provided.

“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 Contractors state that all qualified or qualifiable applicants will be employed without regard to race, religion, color, age, marital status, disability, sex or national origin.

Article III

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

Article V

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

Article VI

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

Article VII

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

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

Article VIII

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

Article IX

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

**SOUTH FAIRCHILD STREET, WEST DOTY STREET, & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012
CONTRACT NO. 6824**

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:

Company Name

Witness Date

President Date

Witness Date

Secretary Date

CITY OF MADISON, WISCONSIN

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

Approved as to form:

Finance Director

City Attorney

Signed this _____ day of _____, 20_____

Witness

Mayor Date

Witness

City Clerk Date

SECTION H: PAYMENT AND PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS, that we _____
as principal, and _____
Company of _____ as surety, are held and firmly bound unto the City of
Madison, Wisconsin, in the sum of _____ (\$ _____) Dollars, lawful money of the
United States, for the payment of which sum to the City of Madison, we hereby bind ourselves and our
respective executors and administrators firmly by these presents.

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

**SOUTH FAIRCHILD STREET, WEST DOTY STREET, & SOUTH CARROLL STREET
ASSESSMENT DISTRICT - 2012
CONTRACT NO. 6824**

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 _____ day of _____,

Countersigned:

Company Name (Principal)

Witness

President

Seal

Secretary

Approved as to form:

Surety

Seal

Salary Employee

Commission

By _____

City Attorney

Attorney-in-Fact

This certifies that I have been duly licensed as an agent for the above company in Wisconsin under
License No. _____ for the year 20_____, and appointed as attorney-in-fact with
authority to execute this payment and performance bond which power of attorney has not been revoked.

Date

Agent

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

CODE	TRADE OR OCCUPATION	Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		
		HOURLY BASIC RATE OF PAY \$	HOURLY FRINGE BENEFITS \$	TOTAL \$
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				
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u>	<u>HOURLY FRINGE BENEFITS</u>	<u>TOTAL</u>
		\$	\$	\$
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	Sliding 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 <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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 Mfg's Rated Capacity of 130,000 Lbs. or Over; Backhoe (Track Type) Having a Mfg's Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bulldozer or Endloader (Over 40 hp); Compactor (Self-Propelled 85 Ft Total Drum Width & Over, or Tractor Mounted, Towed & Light Equipment); Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Crane, Shovel, Dragline, Clamshells; Forklift (Machinery Moving or Steel Erection, 25 Ft & Over); Gradall (Cruz-Aire Type); Grader or Motor Patrol; Master Mechanic; Mechanic or Welder; Robotic Tool Carrier (With or Without Attachments); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Tractor (Scraper, Dozer, Pusher, Loader); Trencher (Wheel Type or Chain Type Having Over 8 Inch Bucket). Future Increase(s): Add \$1/hr on 6/3/2012; 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 <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>
		\$	\$	\$
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 <u>All</u> Hours Worked				
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u>	<u>HOURLY FRINGE BENEFITS</u>	<u>TOTAL</u>
		\$	\$	\$
508	Boring Machine (Directional); Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity of Over 4,000 Lbs., Crane With Boom Dollies; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Master Mechanic. Future Increase(s): Add \$1/hr on 6/3/2012; 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); Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With A Lifting Capacity Of 4,000 Lbs. & Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Pile Driver; Versi Lifts, Tri-Lifts & Gantrys (20,000 Lbs. & Over). Future Increase(s): Add \$1/hr on 6/3/2012; 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; 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	\$	\$	\$
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; Mulcher; 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; 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
CODE	TRADE OR OCCUPATION	\$	\$	\$
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
CODE	TRADE OR OCCUPATION	\$	\$	\$
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
CODE	TRADE OR OCCUPATION	\$	\$	\$
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 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> \$
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 All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
521	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; 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; 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		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	\$	\$	\$
523	Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Boring Machine (Horizontal or Vertical); Bulldozer or Endloader (Over 40 hp); Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Concrete Pump (46 Meter & Under), Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Hydro-Blaster (10,000 PSI or Over); Manhoist; Material or Stack Hoist; Mechanic or Welder; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yd or More Capacity; Screed (Milling Machine); Sideboom; Straddle Carrier or Travel Lift; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Trencher (Wheel Type or Chain Type Having Over 8-Inch Bucket). Future Increase(s): Add \$1/hr on 6/3/2012; 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 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

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
CODE	TRADE OR OCCUPATION	\$	\$	\$
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

<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 \$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 All Hours Worked

<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u> \$	<u>HOURLY FRINGE BENEFITS</u> \$	<u>TOTAL</u> \$
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	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 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> \$
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; Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With A Lifting Capacity Of 4,000 Lbs., & Under; Dredge (NOT Performing Work on the Great Lakes); Licensed Boat Pilot (NOT Performing Work on the Great Lakes); Pile Driver. Future Increase(s): Add \$2/hr on 6/1/12; 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
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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 Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bituminous (Asphalt) Plant & Paver, Screed; Boatmen (NOT Performing Work on the Great Lakes); Boring Machine (Directional, Horizontal or Vertical); Bridge (Bidwell) Paver; Bulldozer or Endloader; Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Grout Pump; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Material or Stack Holst; 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
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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		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
534	<p>Belting, Burlap, Texturing Machine; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Asphalt Plant, Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Hoist (Tugger, Automatic); Jeep Digger; Joint Sawyer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Self Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler; Tining or Curing Machine.</p> <p>Future Increase(s): Add \$2/hr on 6/1/12; Add \$2/hr on 6/1/13; Add \$1.75/hr on 6/1/14.</p> <p>Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.25/hr 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).</p>	32.96	18.90	51.86
535	<p>Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Automatic Belt Conveyor & Surge Bin; Boiler (Temporary Heat); Concrete Proportioning Plant; Crusher, Screening or Wash Plant; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack.</p> <p>Future Increase(s): Add \$2/hr on 6/1/12; Add \$2/hr on 6/1/13; Add \$1.75/hr on 6/1/14.</p> <p>Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.25/hr 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).</p>	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		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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 <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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	Landscafer	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 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	\$	\$	\$

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, Timberco, 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.	33.22	18.90	52.12
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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		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 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> \$
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	Air, Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Asphalt Heater, Planer & Scarifier; Asphalt Milling Machine; Asphalt Screed; Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bituminous (Asphalt) Plant & Paver, Screed; Boring Machine (Directional, Horizontal or Vertical); Bulldozer or Endloader; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Conveyor System; Concrete Laser/Screed; Concrete Slipform Placer Curb & Gutter Machine; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Manhoist; Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver; Railroad Track Rail Leveling Machine, Tie Placer, Extractor, Tamper, Stone Leveler or Rehabilitation Equipment; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches & A-Frames. Future Increase(s): Add \$2/hr on 6/1/12; Add \$2/hr on 6/1/13; Add \$1.75/hr on 6/1/14.	32.67	18.55	51.22
554	Backfiller; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Asphalt Plant, Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Hoist (Tugger, Automatic); Jeep Digger; Joint Sawyer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Self-Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler.	31.52	17.89	49.41
555	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Automatic Belt Conveyor & Surge Bin; Boiler (Temporary Heat); Crusher, Screening or Wash Plant; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add \$2/hr on 6/1/12; Add \$2/hr on 6/1/13; Add \$1.75/hr on 6/1/14.	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	Bollermaker	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		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</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	Siding Installer	18.80	1.42	20.22

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	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		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
<u>CODE</u>	<u>TRADE OR OCCUPATION</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); Manhoist; Material or Stack Hoist; Mechanic or Welder; Milling Machine; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Trencher (Wheel Type or Chain Type); Winches & A-Frames.	29.45	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 Chipper; Telehandler; Vibratory Hammer or Extractor, Power Pack.	26.45	14.35	40.80

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