

\$4,469,002.93

BID OF CAPITOL UNDERGROUND, INC.

2023

PROPOSAL, CONTRACT, BOND AND SPECIFICATIONS

FOR

HAMMERSLEY ROAD RESURFACING ASSESSMENT DISTRICT - 2024

CONTRACT NO. 8762

MUNIS NO. 13924

IN

MADISON, DANE COUNTY, WISCONSIN

AWARDED BY THE COMMON COUNCIL
MADISON, WISCONSIN ON JANUARY 9, 2024

CITY ENGINEERING DIVISION
1600 EMIL STREET
MADISON, WISCONSIN 53713

<https://bidexpress.com/login>

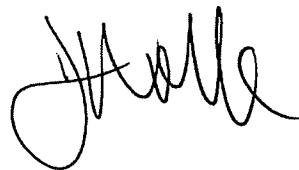
**HAMMERSLEY ROAD RESURFACING ASSESSMENT DISTRICT - 2024
CONTRACT NO. 8762**

INDEX

SECTION A: ADVERTISEMENT FOR BIDS AND INSTRUCTIONS TO BIDDERSA-1
SECTION B: PROPOSAL SECTIONB-1
SECTION C: SMALL BUSINESS ENTERPRISE C-1
SECTION D: SPECIAL PROVISIONS D-1
SECTION E: BIDDER'S ACKNOWLEDGEMENTE-1
SECTION F: BEST VALUE CONTRACTINGF-1
SECTION G: BID BOND G-1
SECTION H: AGREEMENT H-1
SECTION I: PAYMENT AND PERFORMANCE BOND I-1

This Proposal, and Agreement have
been prepared by:

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



James M. Wolfe, P.E., City Engineer

JMW: AC

SECTION A: ADVERTISEMENT FOR BIDS AND INSTRUCTIONS TO BIDDERS

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

A BEST VALUE CONTRACTING MUNICIPALITY

PROJECT NAME:	HAMMERSLEY ROAD RESURFACING ASSESSMENT DISTRICT - 2024
CONTRACT NO.:	8762
SBE GOAL	2%
BID BOND	5%
SBE PRE BID MEETING	See Pre Bid Meeting info below
PREQUALIFICATION APPLICATION DUE (2:00 P.M.)	11/21/2023
BID SUBMISSION (2:00 P.M.)	11/30/2023
BID OPEN (2:30 P.M.)	11/30/2023
PUBLISHED IN WSJ	11/09,11/16 & 11/23/2023

SBE PRE BID MEETING: Pre-Bid Meetings are being held virtually. Advance registration is required. Visit the SBE Meeting web page on Engineering's web site: <https://www.cityofmadison.com/engineering/developers-contractors/contractors/how-to-bid-public-works/contracts/small-business-enterprise-sbe-meetings>. Questions regarding SBE Program requirements may be directed to Tracy Lomax, Affirmative Action Division. Tracy may be reached at (608) 267-8634, or by email, TLomax@cityofmadison.com.

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

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

Bids may be submitted on line through Bid Express or in person at 1600 Emil St. The bids will be posted on line after the bid opening. If you have any questions, please call Alane Boutelle at (608) 267-1197, or John Fahrney at (608) 266-9091.

STANDARD SPECIFICATIONS

The City of Madison's Standard Specifications for Public Works Construction - 2023 Edition, as supplemented and amended from time to time, forms a part of these contract documents as if attached hereto.

These standard specifications are available on the City of Madison Public Works website, www.cityofmadison.com/engineering/developers-contractors/standard-specifications.

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

SECTION 102.1: PRE-QUALIFICATION OF BIDDERS

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

Bidders must present satisfactory evidence that they have been regularly engaged in the type of work specified herein and they are fully prepared with necessary capital, materials, machinery and supervisory personnel to conduct the work to be contracted for to the satisfaction of the City. All bidders must be pre-qualified by the Board of Public Works for the type of construction on which they are bidding prior to the opening of the bid.

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

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

SECTION 102.4 PROPOSAL

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

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

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

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

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

SECTION 102.5: BID DEPOSIT (PROPOSAL GUARANTY)

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

MINOR DISCREPENCIES

Bidder is responsible for submitting all forms necessary for the City to determine compliance with State and City bidding requirements. Notwithstanding any language to the contrary contained herein, the City may exercise its discretion to allow bidders to correct or supplement submissions after bid opening, if the minor discrepancy, bid irregularity or omission is insignificant and not one related to price, quality, quantity, time of completion or performance of the contract.

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

Building Demolition

- 101 Asbestos Removal
 120 House Mover

- 110 Building Demolition

Street, Utility and Site Construction

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

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

Bridge Construction

- 501 Bridge Construction and/or Repair

Building Construction

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

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

State of Wisconsin Certifications

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

SECTION B: PROPOSAL

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

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

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

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

SECTION C: SMALL BUSINESS ENTERPRISE

Instructions to Bidders City of Madison SBE Program Information

2 Small Business Enterprise (SBE) Program Information

2.1 Policy and Goal

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2.2 Contract Compliance

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

2.3 Certification of SBE by City of Madison

The Affirmative Action Division maintains a directory of SBEs which are currently certified as such by the City of Madison. Contact the Contract Compliance Officer as indicated in Section 2.2 to receive a copy of the SBE Directory or you may access the SBE Directory online at www.cityofmadison.com/civil-rights/contract-compliance/targeted-business-enterprise-programs/targeted-business-enterprise.

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

2.4 Small Business Enterprise Compliance Report

2.4.1 Good Faith Efforts

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

- 2.4.1.1 Attendance at the pre-bid meeting.
- 2.4.1.2 Using the City of Madison's directory of certified SBEs to identify SBEs from which to solicit bids.
- 2.4.1.3 Assuring that SBEs are solicited whenever they are potential sources.
- 2.4.1.4 Referring prospective SBEs to the City of Madison Affirmative Action Division for certification.
- 2.4.1.5 Dividing total project requirements into smaller tasks and/or quantities, where economically feasible, to permit maximum feasible SBE participation.
- 2.4.1.6 Establishing delivery schedules, where requirements permit, which will encourage participation by SBEs.
- 2.4.1.7 Providing SBEs with specific information regarding the work to be performed.
- 2.4.1.8 Contacting SBEs in advance of the deadline to allow such businesses sufficient time to prepare a bid.
- 2.4.1.9 Utilizing the bid of a qualified and competent SBE when the bid of such a business is deemed reasonable (i.e. 5% above the lowest bidder), although not necessarily low.
- 2.4.1.10 Contacting SBEs which submit a bid, to inquire about the details of the bid and confirm that the scope of the work was interpreted as intended.
- 2.4.1.11 Completion of Cover Page (page C-6), Summary Sheet (page C-7) and SBE Contact Reports (pages C-8 and C9) if applicable.

2.4.2 Reporting SBE Utilization and Good Faith Efforts

The Small Business Enterprise Compliance Report is to be submitted by the bidder with the bid: This report is due by the specified bid closing time and date. Bids submitted without a completed SBE Compliance Report as outlined below may be deemed non-responsible and the bidder ineligible for award of this contract. Notwithstanding any language to the contrary contained herein, the City may exercise its discretion to allow bidders to correct or supplement submissions after bid opening, if the minor discrepancy, bid irregularity or omission is insignificant and not one related to price, quality, quantity, time of completion, performance of the contract, or percentage of SBE utilization.

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

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

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

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

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

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

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

2.5 Appeal Procedure

A bidder which does not achieve the established goal and is found non-responsible for failure to demonstrate a good faith effort to achieve such goal and subsequently denied eligibility for award of contract may appeal that decision to the Small Business Enterprises Appeals Committee. All appeals shall be made in writing, and shall be delivered to and received by the City Engineer no later than 4:30 PM on the third business day following the bidder's receipt of the written notification of ineligibility by the Affirmative Action Division Manager. Postmark not acceptable. The notice of appeal shall state the basis for the appeal of the decision of the Affirmative Action Division Manager. The Appeal shall take place in accordance with Madison General Ordinance 33.54.

2.6 SBE Requirements After Award of the Contract

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

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

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

2.7 SBE Definition and Eligibility Guidelines

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

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

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

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

SECTION D: SPECIAL PROVISIONS

HAMMERSLEY ROAD RESURFACING ASSESSMENT DISTRICT - 2024 CONTRACT NO. 8762

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 102.11 **BEST VALUE CONTRACTING**

This Contract shall be considered a Best Value Contract if the Contractor's bid is equal to or greater than \$74,000 for a single trade contract; or equal to or greater than \$360,500 for a multi-trade contract pursuant to MGO 33.07(7).

ARTICLE 104 **SCOPE OF WORK**

The work under this contract shall include, but is not limited to excavation, clearing & grubbing, replacement of sanitary sewer main & laterals, water main & services, storm sewer, asphalt pavement, roadway base course, curb & gutter, driveway aprons, sidewalk and ramps, ground restoration, and pavement markings.

The project limits for this work shall include Hammersley Road from roughly One-Hundred feet west of the Gilbert Road intersection to roughly One-Hundred feet east of the Southwest Path crossing at the W Beltline Frontage Road.

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 105.12 **COOPERATION BY THE CONTRACTOR**

It is expected that certain items of work will require multiple mobilizations to meet the requirements of the excavation, the restoration, and erosion control requirements. It is also expected that certain items of work, particularly concrete work and asphalt paving, will require multiple mobilizations to meet the requirements of the traffic control and coordination specifications.

Existing Items to Remain

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. The Contractor shall maintain access for property owners.

Coordination with Utilities

Work under this contract will require coordination with private utility companies. 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 and allow working areas for installation of new facilities or for relocation work.

MG&E Gas is planning to replace their distribution gas main and services throughout the project area on Hammersley Rd. MG&E is anticipating their new gas main will be along the north-side of Hammersley Rd (north of the existing curb) from Gilbert Rd to Reetz Rd, and on the south-side of Hammersley Rd (south of the existing curb) from Reetz Rd to the easterly project limits. MG&E is still in the process of determining final location of their gas main and is subject to change prior to construction. It is anticipated that MG&E's crews will begin their gas replacement prior to the City project starting but that some overlap with the City Contractor is anticipated. The Contractor shall give proper time and space to MG&E's crews in order for them to complete their gas main and services replacement.

MG&E Gas also has a high-pressure gas line running east/west along the southerly-side of Hammersley Rd that is expected to remain. When crossing MG&E's Existing 8" Steel High Pressure Pipe on Hammersley Rd, the Contractor shall expose the pipe without damaging the coating and support the pipe with straps hanging from an I-Beam (or equivalent) spanning the width of the trench to prevent the pipe from sagging. Before digging and support begins, an MG&E watchdog will need to be contacted & informed as to means and methods for supporting the gas main and present at all times when digging around the pipe. The contact number is 608-800-9415 for the watchdog.

The project will require extensive coordination with MG&E prior to and during construction. The contractor shall coordinate with Katie Bloomer, kbloomer@mge.com or (608) 252-7287, of MG&E.

MG&E Electrical has overhead facilities and poles throughout the project area. The Contractor shall contact MG&E Electrical when working in close proximity to power poles so that poles can be supported if required. There will be additional lighting added to existing poles as well as upgrades to existing lighting. There are four poles on Hammersley Rd that will need to be relocated in coordination with this project. There are three poles along the northerly-side of Hammersley Rd at STA 86+00 (including adjacent pedestal), STA 88+00, and STA 89+30, as well as one pole on the southerly-side of Hammersley Rd at STA 90+55 that will need to be relocated. The Contractor shall coordinate with Keo Chansavath at kchansavath@mge.com of MG&E for these pole relocations and provide the time and space for the private utility contractors to do this work.

Coordination with AT&T

AT&T will be relocating overhead facilities in coordination with MG&E's utility pole relocation work. The Contractor shall give time and space for AT&T to perform their work.

Coordination with Charter

Charter will be relocating their overhead facilities in coordination with MG&E's utility pole relocation work. The Contractor shall give time and space for Charter to perform their work. The Contractor shall coordinate Charter's work with Jonathan LeHolm at (608) 286-8203 or jonathan.leholm@charter.com.

Coordination with US Exchange

US Exchange will be relocating overhead facilities in coordination with MG&E's utility pole relocation work. The Contractor shall give time and space for US Exchange to perform their work.

Coordination with City IT Fiber

City IT has existing buried fiber across Hammersley Rd by the Southwest Path crossing with the potential of conflict with the new storm sewer. ULOs are included in the plans to evaluate any potential conflicts. The Contractor shall coordinate with Taletha Skar, Fiber Network Manager, at (608) 261-9648 or tskar@cityofmadison.com.

SECTION 107.6 DUST PROOFING

The Contractor shall take all necessary steps to control dust arising from operations connected with this contract. When ordered by the Engineer, the Contractor shall dust proof the construction area by using power sweepers and water. Dust proofing shall be incidental with operations connected with this contract.

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.

Hammersley Rd may be closed to thru traffic at the project limits. Access to commercial driveways must be maintained at all times.

When work is occurring that closes the Southwest Path, the Contractor shall set up a detour for path users as shown in the plans. The detour can be used for up to 30 consecutive calendar days and shall remain in place until the Southwest Path is fully open. Additionally, work that requires the closure of Hammersley Rd from Reetz Rd to the eastern project limits shall be completed within 75 calendar days so that Metro service can be restored.

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, tubular posts and bases 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. Contractor shall inspect traffic control daily to ensure all traffic control remains in place during the project.

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

Contractor shall place portable changeable message boards at least one week in advance of the start of work, notifying the public of the start of construction. Contractor shall locate the portable changeable message boards as directed by the Engineer.

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

through traffic for bus routing, and any change to bus stops. Madison Metro contact is MetroNotice@cityofmadison.com.

Maintain sidewalk at all times on one side of the street at all times and both sides whenever possible. When sidewalk must be closed for construction purposes, contractor shall ensure that sidewalk on opposite side of the street is open. Sidewalk closures shall be signed at the crosswalks prior to the closure. Sidewalk access to all businesses shall remain open 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. Maintaining Sidewalk is considered incidental to the contract.

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

Backfill, plate, or protect work areas with traffic control devices during non-working hours. If steel plates are used, notify the City of Madison Streets Division, 608-266-4681, one day prior to the placement of the plates.

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

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

The Contractor shall not remove traffic signs. For removal or replacement of traffic and parking signs, contact the City of Madison Traffic Engineering Field Operations, 1120 Sayle Street, 266-4767, 8:00 a.m. to 4:00 p.m., a minimum of 2 working days in advance of when any existing signs need to be removed. This service is provided free of charge. If the contractor removes the signs, the contractor will be billed for the reinstallation of, and any damage to, the signing equipment. The contractor shall notify The City of Madison Traffic Engineering Field Operations, 1120 Sayle Street, 266-4767 upon completion of final landscaping to have permanent signs reinstalled. The contractor shall expect a minimum of seven working days to have permanent signs reinstalled. The contractor shall leave in place all necessary traffic control until given notice by the construction engineer that permanent signing is in place and temporary traffic control may be removed.

Contact Jeremy Nash, City of Madison Traffic Engineering, at 608-266-6585 or jnash@cityofmadison.com for questions on this spec.

BID ITEM 10770 – MAINTAIN RESIDENTIAL DRIVEWAY ACCESS

The contract quantity is an undistributed amount to be used at the direction of the Construction Engineer.

BID ITEM 10801 – ROOT CUTTING – CURB & GUTTER

The contract quantity is an undistributed amount to be used at the direction of the Construction Engineer.

BID ITEM 10802 – ROOT CUTTING – SIDEWALK

The contract quantity is an undistributed amount to be used at the direction of the Construction Engineer.

SECTION 108.2 **PERMITS**

The following permits are required (and have been or will be applied for by the City) for this project:

- City of Madison Erosion Control and Stormwater Management Permit
- Wisconsin Department of Natural Resources Notice of Intent (Stormwater Permit)
- Sewer Extension Permit (for gravity sanitary sewer)

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

No work shall commence until all necessary permits are obtained. The Contractor shall be responsible for knowing, understanding, and meeting the conditions of all permits and shall keep a copy of each individual permit on site at all times throughout construction. Any questions pertaining to permit compliance shall be immediately brought to the attention of the Project or Construction Engineer.

The Contractor shall meet the conditions of the permits involving properly installing and maintaining the erosion control measures shown on the plans, specified in these Special Provisions, as directed by the Construction Engineer or his designees, or as directed by any official representative of the DNR. This work will be paid for under the appropriate bid items, or if appropriate items are not included in the contract, they shall be paid for as Extra Work.

The City's obtaining these permits is not intended to be exhaustive of all permits that may be required to be obtained by the Contractor for construction of this project. It shall be the responsibility of the Contractor to identify and obtain any other permits needed for construction

SECTION 109.2 **PROSECUTION OF WORK**

All work under this contract shall be completed by **October 18, 2024**. The Contractor shall notify the Engineer of their anticipated start date a minimum of 4 weeks prior to that date.

During work requiring closure of the Southwest Path crossing at the W Beltline Frontage Rd, the Contractor shall setup and maintain the path detour as shown in the plans. The path detour may only be used for a maximum of **30 Consecutive Calendar Days**. It is anticipated that it will require a separate concrete mobilization to finish the Southwest Path raised crossing at the W Beltline Frontage Rd within 30 consecutive calendar days.

All work requiring closure of Hammersley Rd from just west of the Reetz Rd intersection through the easterly-limits of the project shall be completed within **75 Calendar Days**. Completion shall include surface paving.

Work shall begin only after the contract is fully signed and executed and the start work letter is received.

SECTION 109.9 **LIQUIDATED DAMAGES**

The fixed, agreed, and liquidated damages due the City of Madison from the Contractor for failure to complete all work impacting the Southwest Path crossing at the W Beltline Frontage Rd as herein described within the maximum calendar days shall be \$500 per calendar day.

The fixed, agreed, and liquidated damages due the City of Madison from the Contractor for failure to complete all work on Hammersley Rd from west of the Reetz Rd intersection through the easterly-limits of the project as herein described within the allowable timeframe shall be \$1,000 per calendar day.

The fixed, agreed and liquidated damages due to the City of Madison for not completing all work under this contract by the overall completion date will be calculated in accordance with the standard specifications.

SECTION 210.1(d) STREET SWEEPING

When required, either by the erosion control plan or the Construction Engineer, the Contractor shall perform mechanical street-sweeping on all streets or paved surfaces affected by construction equipment, hauling or related construction activities that result in mud tracking or siltation. Mechanical street sweeping shall be completed as directed by the Construction Engineer and shall remove all loose material to the satisfaction of the Construction Engineer. Depending on site conditions, construction activities, and hauling methods utilized by the Contractor mechanical street sweeping may be required multiple times throughout the day with an absolute minimum that all streets are clean at the end of the work day. Areas not accessible by mechanical street sweepers may require hand scraping with shovels.

BID ITEM 20101 – EXCAVATION CUT

When removing Curb & Gutter on the northerly-side of Hammersley Rd, the Contractor shall take special care to not remove the existing rock base underneath and behind this curb line. The existing curb base shall be utilized in the construction of the off-street path, though additional base will be needed to build the path per plan. The Contractor shall test roll the path subgrade and excavate for undercut as directed by the Construction Engineer.

Precaution shall be taken to limit soil disturbance behind the existing curb around mature trees while removing curb throughout the project area.

BID ITEM 20140 – GEOTEXTILE FABRIC TYPE SAS NON WOVEN

The contract quantity is an undistributed amount to be used at the direction of the Construction Engineer.

BID ITEM 20204 – SELECT FILL

After removal of the existing curb on the northerly-side of Hammersley Rd, additional material may be needed in order to bring the elevation up to path subgrade. The contract quantity is an undistributed amount to be used at the direction of the Construction Engineer.

BID ITEM 20322 – REMOVE CONCRETE CURB & GUTTER
BID ITEM 20323 – REMOVE CONCRETE SIDEWALK & DRIVE

Removal of existing islands where indicated on the plans shall be paid under these bid items. The interior of the island and the mountable noses shall be paid as removal of concrete sidewalk.

BID ITEM 20336 – PIPE PLUG

With regard to the City of Madison Standard Specifications for Public Works Construction 2023 Edition Article 203.2(c), any pipe found in a trench that is less than 10" in diameter while installing a sewer facility shall be considered incidental to the pipe being installed.

Any pipe plugs required to abandon or remove sewer access structure (pipes directly connected to the structure) shall be considered incidental to abandoning or removing the structure regardless of the size of the pipe being abandoned.

BID ITEM 20504 – ADJUST VALVE CASTING

The contract quantity is an undistributed amount to be used at the direction of the Construction Engineer.

BID ITEM 21302 – CONSTRUCTION FENCE (PLASTIC)

The contract quantity is an undistributed amount to be used at the direction of the Construction Engineer.

BID ITEM 30340 – CURB RAMP DETECTABLE WARNING FIELDS

All detectable warning fields shall be 2' by 5' or 2' by 2.5' unless otherwise specified as a RADIAL DETECTABLE WARNING PLATES (BID ITEM 90006). Detectable warning fields shall be procured and installed per Section 303.2(n) in Article III of the City of Madison Standard Specifications.

BID ITEM 40308 – RAMPING SAS

Work under this item shall include asphalt ramping at access structures as well as ADA-compliant curb ramps as needed. The contract quantity is an undistributed amount to be used at the direction of the Construction Engineer.

ARTICLE 500 SEWER AND SEWER STRUCTURES GENERAL

The sanitary sewer and storm sewer designer for this project is Daniel Olivares and may be contacted at daolivares@cityofmadison.com or (608) 261-9285.

SANITARY SEWER GENERAL

This project shall include installing approximately 4150 feet of new 8" PVC and 9 feet of new 10" PVC sanitary sewer main, and adjusting existing City of Madison and Madison Metropolitan Sewerage District (MMSD) sanitary access structures.

ASTM D3034 SDR-35 and SDR-26 sewer main as called for on the plan set shall be payable under (Bid Item 50301 and 50303). No additional compensation will be granted for ASTM D3034 SDR-26 pipe material.

All new sanitary sewer access structures shall include Neenah R-1550 castings with the new City of Madison casting detail (see S.D.D. 5.7.16) of the City of Madison Standard Specifications for Public Works Construction. All new sewer main connections may be factory cored and shall be included in the structure.

All existing main connections shall be field cored to accommodate existing conditions and shall be compensated under BID ITEM 50791 SANITARY SEWER TAP. All sewer main and/or laterals not slated for replacement that are damaged during the installation of a structure shall be replaced by the Contractor and shall be considered incidental to the project. All benches and flowlines shall have a smooth trowel finish.

All sanitary sewer laterals on this project were located by television inspection of the main and from City records.

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.

STORM SEWER GENERAL

Storm sewer pipe work shall include installing approximately 3042 feet of new storm sewer pipe.

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

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

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

Modified Type A curb and gutter are called for on plans. Curb inlet castings called for at locations with Modified Type A will require lowering the casting curb head approximately 2".

ULO's shall be completed where called for on plans and paid under Bid Item 50801. There are additional undistributed ULO's to be used at the discretion of the City Inspector and Engineer.

BID ITEM 50390 – SEWER ELECTRONIC MARKERS

With regard to the City of Madison Standard Specifications for Public Works Construction Latest Edition Section 503.3(c), pipe bends, collars, or couplings require placement of an electronic marker ball with the City providing the Contractor with the required number of electronic markers.

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. The Contractor shall not be compensated more than once for multiple utilities located within a maximum distance of five (5) feet long.

This contract includes 5 additional undistributed ULO's to be performed at the direction of the Engineer.

Completing ULO's by hydrovac will be allowed on this project.

SECTION 701 PROVISIONS FOR WATER INSTALLATION AND ABANDONMENT

The water designer for this project is Tim Pearson. He may be contacted at (608) 266-6215 or tpearson@madisonwater.org.

The project consists of furnishing and installing primarily 6-inch, 8-inch, and 12-inch ductile iron water main and fittings on Hammersley Road, Lewon Drive, and Reetz Road within the project limits. The project also includes abandoning existing water main, and removing some existing water main. Once the new systems have passed the pressure and water quality tests, cut off, extend as necessary, and

reconnect the existing water service laterals to the new water mains unless the service is to be abandoned. All services that may require relocation due to conflicts with trees or any other issue must be authorized and the new location approved in advance by the Water Utility inspector. Any broken curb stops, buried curb boxes or otherwise dysfunctional service components must be approved for adjustment, removal and/or replacement by the Water Utility inspector in advance of any work being performed.

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

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

Water Services Outages: General

Many apartments and businesses within the project limits are sensitive to water service outages in that service outages cause unusual hardship. Contact affected owners and/or managers before planning water service outages and schedule outages to accommodate their needs within allowable working hours including scheduling service outages on weekends. Sequence water main operations to minimize outages to affected business owners and residents. Specific requirements for advance outage notification and restrictions for their timing are noted in the sections below.

Water Services Outages: Additional Restrictions & Notification Requirements

The following customers/businesses have additional specific requirements:

- Pacific Cycle, 4902 Hammersley Road
 - Provide notification a minimum of 2 business days in advance of service outages
 - Contact: Jill Derr (608)-268-2468
 - Limit service outages to less than three
- Sub-Zero Freezer Co., 4717 Hammersley Road
 - Provide notification a minimum of 2 to 3 weeks in advance of service outages
 - Contact Clinton Collins (608) 234-8426
 - Limit service outages to less than three
- Bakke Investments LTD PTR & Schwartz Invest LTD PTR, 4693 Hammersley Road
 - Provide notification a minimum of 2 business days in advance of service outages
 - Contact: Blaine Renfert (608) 271-2233
- Brunsell Brothers LTD, 4611 West Beltline Highway
 - Provide notification a minimum of two business days in advance of service outages, would prefer outages to be on Saturdays, or after 5 P.M. weekdays
 - Contact: Brian Rieske (608) 275-7171

SECTION 702 MATERIALS

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

SECTION 703 CONSTRUCTION METHODS

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

Water Services Outages Restrictions & Notifications

Contact affected apartment and business owners and/or managers before planning water service outages and schedule outages to accommodate their needs within allowable working hours including scheduling

service outages on weekends. Sequence water main operations to minimize outages to affected business owners and residents.

Be aware of traffic control requirements while performing any work that closes or partially closes any intersection. Refer to traffic control specifications and these special provisions for details.

WATER UTILITY GENERAL NOTES FOR SPECIFIC WORK:

- WN1 Replace the existing lead service with a new copper service.
- WN2 Extend and reconnect the existing copper service to the new water main.
- WN3 Existing service to be abandoned when water main is cut-off.
- WN4 Disconnect service from the old water main and reconnect the existing copper water service lateral to the new water main.
- WN5 Relocate the existing fire hydrant.
- WN6 Abandon water valve access structure.
- WN7 Furnish and install the new top section for the water access structure.
- WN8 Abandon the valve box.
- WN9 Furnish the ditch, compaction and all materials and labor for the installation of new service lateral.
- WN10 Remove and salvage existing hydrant.
- WN11 Replace the existing copper service with a new copper service.
- WN20+ See Water Impact Plan for connection point isolation and water shut-off notification information.

BID ITEM 90001 – GEOSYNTHETIC REINFORCEMENT FABRIC

DESCRIPTION

Work under this item shall include all work, materials, equipment, and incidentals necessary to provide and install Mirafi RS580i, TerraTex HPG HM58, or an approved equal.

CONSTRUCTION METHODS

The Geosynthetic Reinforcement Fabric shall be installed in accordance with the manufacturer's recommendations, including the amount of overlap between rolls. The Geosynthetic Reinforcement Fabric is an undistributed amount to be used at the direction of the Construction Engineer. In locations identified for undercut, a maximum of 12" of Undercut shall be removed, under the entire road area, and replaced with Breaker Run. Undercut and Breaker Run shall be paid for under the appropriate bid items. The Breaker Run shall be placed directly over the Geosynthetic Reinforcement Fabric in 8 to 12-inch loose lifts. Rubber-tired vehicles may be driven at low speeds, 10 mph or less, and in straight paths over the exposed Geosynthetic Reinforcement Fabric.

METHOD OF MEASUREMENT

The Geosynthetic Reinforcement Fabric shall be measured by the square yard, in place. Any overlap of the rolls, measured either longitudinally or transversely, shall be included in the pay quantity, and will only be paid once.

BASIS OF PAYMENT

Geosynthetic Reinforcement Fabric shall be measured as described above, which shall be full compensation for all work, materials, equipment and incidentals to complete the work as described above.

BID ITEM 90002 – SIDEWALK CURB

DESCRIPTION

This bid item includes all work, materials, labor, forming, equipment and incidentals necessary to install Sidewalk Curb as directed in the field by the Construction Engineer. All work under this bid item shall be in accordance with Article 302 of the City of Madison Standard Specifications and supplemented as follows.

The sidewalk curb is to be installed at the back of walk in locations where the sidewalk is lowered as directed by the Construction Engineer. The maximum height of the sidewalk curb above the top of the back of sidewalk shall be 6", and the curb shall then be tapered back as necessary to match the existing grade of the sidewalk once the grade allows. The Sidewalk Curb shall be 6" wide, and shall be poured monolithic with the adjacent sidewalk.

METHOD OF MEASUREMENT

Sidewalk Curb shall be measured by linear foot acceptably installed.

BASIS OF PAYMENT

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

BID ITEM 90003 – REMOVE AND SALVAGE BRICK PAVERS

DESCRIPTION

This item includes all work, equipment and incidentals required to remove and salvage pavers at the locations indicated on the plans, or as directed by the Engineer. Paver driveway locations include 5206 Hammersley and 5010 Hammersley.

The Contractor shall carefully remove existing pavers as necessary to complete the work included with this contract, taking care to not damage the pavers. The pavers shall then be stacked outside the work zone at an agreeable location, confirmed by the adjacent property owner.

If the owner plans to reinstall the pavers in the same location, the Contractor shall extend the base materials for the adjacent sidewalk and/or driveway through the planned paver installation area. Extension of base material will be paid under the appropriate bid item.

METHOD OF MEASUREMENT

Remove and Salvage Brick Pavers will be measured by the Square Foot, acceptably completely.

BASIS OF PAYMENT

Remove and Salvage Brick Pavers, measured as provided above, will be paid at the contract unit price, which price shall be compensation in full for all work, equipment, and incidentals necessary to remove

and salvage brick pavers, and to coordinate with adjacent property owner to stack them at an agreeable location.

BID ITEM 90004 – PRIVATE TREE PRUNING

DESCRIPTION

There are a number of private trees with overhanging limbs in the right-of-way, some of which are close to the sidewalk and path. This bid item includes all work necessary to perform private tree pruning as directed in the field by the Construction Engineer. All work under this bid item shall be in accordance with Article 209.4(e) of the City of Madison Standard Specifications.

Private tree pruning shall also follow Section 107 of the Standard Specs with regard pruning to accommodate construction equipment invading the tree crown. This work shall be performed by a certified arborist, with advance permission from the Construction Engineer. No pruning will be performed by City Forestry. All pruning shall be done according to ANSI A300 tree pruning specifications. No pruning shall be completed on private property without the express approval by the property owner and the Construction Engineer. If pruning is not recommended or not allowed to the specific height necessary for standard equipment, the Contractor shall be required to come up with alternatives as necessary to complete the work.

METHOD OF MEASUREMENT

Private tree pruning shall be measured by the inch diameter of the pruned limbs.

BASIS OF PAYMENT

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

BID ITEM 90005 – TERRACE EXCAVATION FOR TREE PLANTING

DESCRIPTION

This bid item shall include all work necessary to excavate areas within grass terraces to an appropriate depth suitable for new tree plantings. All work under this item shall be in accordance with Article 201 of the Standard Specifications. The Contractor shall coordinate with the Engineer and Forestry representative to select the appropriate locations for tree plantings to be completed in the future, under a separate City Forestry contract.

Once the locations marked, the Contractor shall excavate the terrace area to a suitable depth for new tree plantings, approximately twenty (20) inches to twenty-four (24) inches. The terrace shall be excavated to a minimum length of twenty (20) feet, but that may be reduced by the Construction Engineer to fit site constraints as necessary. The width of the terrace shall be excavated to as close to the sidewalk/path and curb as is reasonable. While performing the excavation, the Contractor shall take care to not undermine or damage the adjacent curb or sidewalk/path, including the gravel base extension beneath these items. If damaged during the excavation process, the Contractor shall replace curb or sidewalk/path at their cost.

Once the area is excavated, the Contractor shall backfill the entire depth of the excavated area with regular topsoil per Article 202 of the Standard Specifications. The top six (6) inches of topsoil shall be paid for under the appropriate bid item (20221). The backfill remaining depth of fourteen (14) inches to eighteen (18) inches of topsoil shall be considered incidental to this bid item. The surface shall be

restored with terrace seeding and erosion matting paid for under the appropriate bid items (20701 and 21063).

METHOD OF MEASUREMENT

Terrace excavation for tree planting shall be measured by the Cubic Yard, acceptably completed.

Note that the topsoil quantity (CY) considered incidental to this bid item will be less than the overall quantity for terrace excavation as the top six (6) inches of topsoil will be paid for under the standard bid item (20221).

BASIS OF PAYMENT

Terrace excavation for tree planting, measured as provided above, will be paid at the contract unit price, which shall be full compensation for all work, equipment, hauling and incidentals necessary to complete the work as set forth in the description.

BID ITEM 90006 – RADIAL DETECTABLE WARNING FIELD

DESCRIPTION

Work under this item shall include furnishing all materials, incidentals, equipment and labor required to complete the installation of RADIAL DETECTABLE WARNING FIELD as shown in the plans.

All work under this shall be completed in accordance with the Wisconsin Department of Transportation Facilities Development Manual Specifications (10.2.6) and Standard Detail Drawings (SDD 08D05-f) for RADIAL DETECTABLE WARNING FIELD.

MATERIALS

This item includes all materials, incidentals, and labor required to complete the work as described above and as shown in the plans.

METHOD OF MEASUREMENT

RADIAL DETECTABLE WARNING FIELD shall be measured per square foot of warning plates installed as described above.

BASIS OF PAYMENT

RADIAL DETECTABLE WARNING FIELD shall be measured as above and paid at the contract price which shall be full compensation for all work, materials, and incidentals to complete the work as outlined in the description.

BID ITEM 90007 – BARK MULCH

DESCRIPTION

A portion of the area of the existing sidewalk along the northerly side of Hammersley Rd in front of the Pacific Cycle (4902 Hammersley) parking lot is landscaping beds that are topped with bark mulch. These beds may also have buried and/or paver edging. It is assumed that the existing bark mulch will not be salvageable, but any edging materials shall be removed and salvaged, and, if damaged during removal, the Contractor shall replace the items to match existing at no additional cost. Placement of salvaged materials shall be done cautiously to avoid damage to any existing plants.

Once the path and grading work is complete, the Contractor shall place topsoil, as necessary in the landscaping beds to properly establish the new grade, which is included with this item, then place landscaping weed prevention fabric on the disturbed areas within the beds, and then provide and install bark mulch to a minimum thickness of 4 inches on disturbed portions of the landscaping beds. Rake bark mulch as necessary to blend into existing areas of the landscaping beds that were not disturbed.

Turf areas that are disturbed as part of the path installation shall be restored with topsoil, seed, and erosion mat, all paid under the appropriate items.

MATERIALS

Provide shredded hardwood mulch that is a natural brown color, and is free of any chemically treated wood or other deleterious substances. Bark mulch shall be shredded finely to be free of any pieces larger than 4 inches.

CONSTRUCTION

Place bark mulch at the locations and to the depths described. Rake mulch such that it is even and does not bury any existing landscaping that is to remain. Ensure that mulch won't overtop or be washed out over the path or curb & gutter. Lightly compact in place.

METHOD OF MEASUREMENT

Bark Mulch shall be measured by the Square Yard, lightly compacted and accepted in place.

BASIS OF PAYMENT

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

BID ITEM 90008 – REMOVE & RELAY STONE MULCH

DESCRIPTION

A portion of the area of the existing sidewalk along the northerly side of Hammersley Rd in front of the Pacific Cycle (4902 Hammersley) parking lot is landscaping beds that are topped with stone mulch. These beds may also have buried and/or paver edging. Under this bid item, the Contractor shall rake back the stone mulch out of the way of the grading and path work and remove edging of all types, if necessary. Stone mulch and edging materials shall be salvaged, and, if damaged during removal, the Contractor shall replace the items to match existing at no additional cost. Placement of salvaged materials shall be done cautiously to avoid damage to any existing plants.

Once the path and grading work is complete, the Contractor shall place topsoil, as necessary in the landscaping beds, which is included with this item, then place landscaping weed prevention fabric on the disturbed areas within the beds, and then reset the salvaged stone mulch and edging materials.

Turf areas that are disturbed as part of the path installation shall be restored with topsoil, seed, and erosion mat, all paid under the appropriate items.

METHOD OF MEASUREMENT

Remove & Relay Stone Mulch shall be measured by the Square Yard of landscaping beds acceptably restored.

BASIS OF PAYMENT

Remove & Relay Stone Mulch, measured as provided above, will be paid at the contract unit price for all labor, equipment, materials, and incidentals necessary to complete work as set forth in the description.

BID ITEM 90009 – REMOVE, SALVAGE AND REINSTALL RETAINING WALL

DESCRIPTION

This item shall include all work, equipment, materials, and incidentals necessary to remove existing retaining walls, salvage all materials, and reinstall either in kind at an adjusted location or in the same location as the existing wall as noted on the plans or as directed by the Engineer. This includes wall constructed with larger boulder type materials, block walls, lannon stone, flagstone or similar materials.

The Contractor shall carefully remove the existing walls to ensure that the wall materials are not damaged, and the wall materials shall be stored in a location where they will be secure and out of the way of construction activities or required access. Materials damaged during the removal process or from not properly securing and protecting the materials shall be replaced by the Contractor at no additional cost.

When it fits within the work progression, the Contractor shall re-install the wall either at the same location or a modified location, depending on work previously completed. The wall shall be re-installed to match the existing wall installation method, including, but not limited to, all drainage materials, base and backfill materials, fabrics, adhesives, mortar, or other installation methods. This item includes all necessary excavation work to re-install the wall.

Existing block retaining wall at the northwesterly keystone in front of 1301 Reetz Rd will need to be redone for the sidewalk reconstruction at this corner.

METHOD OF MEASUREMENT

This item will be measured by the Square Foot of above ground wall, measured along the street-side face of the wall.

BASIS OF PAYMENT

This item, measured as provided above, will be paid at the contract unit price for work acceptably completed, which price shall all include all work, materials, equipment, and incidentals required to remove the existing wall, store and secure the wall materials, and to reinstall the walls at the appropriate location.

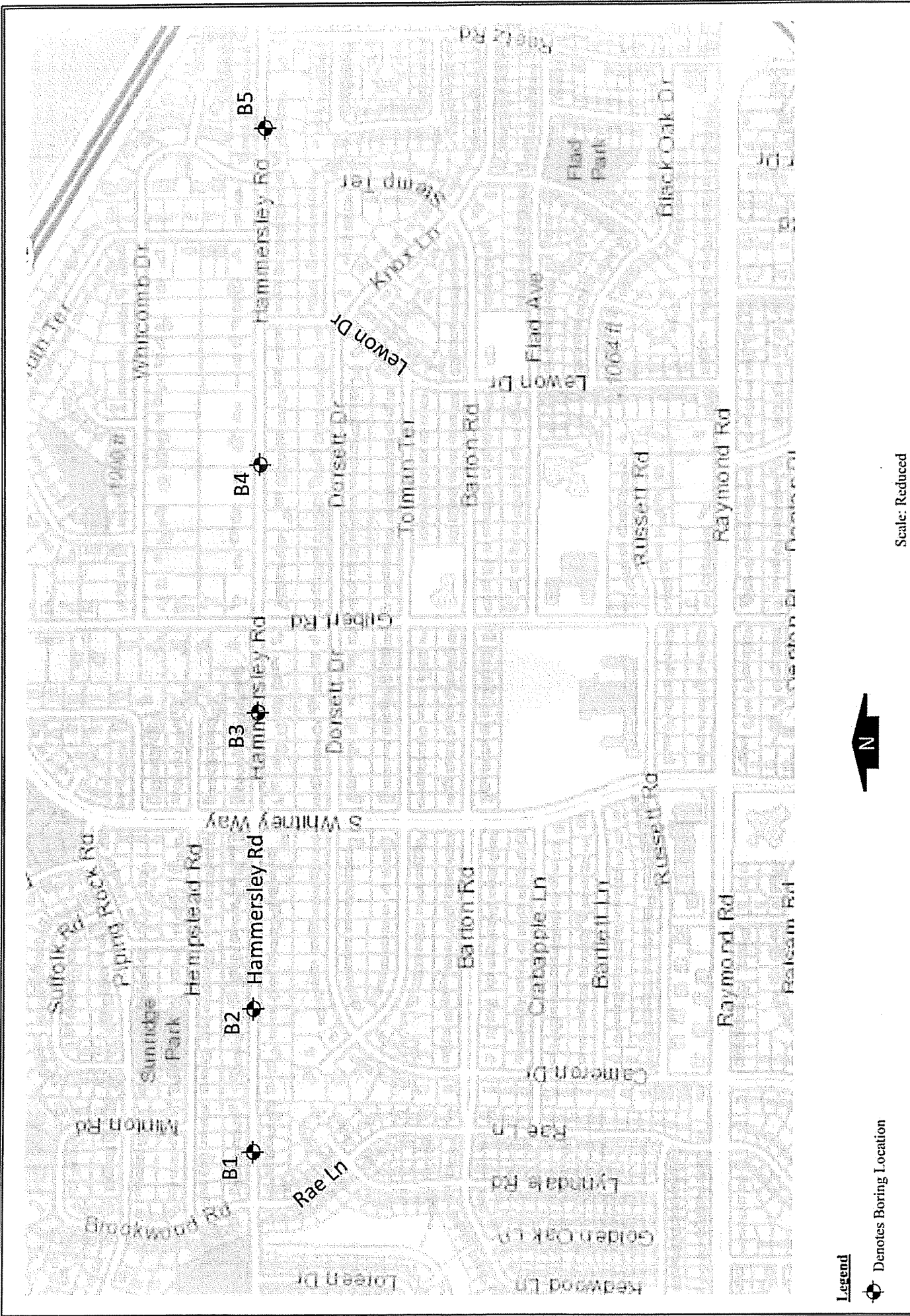
BID ITEM 90010 – PAVEMENT MARKING EPOXY, SPEED HUMP ARROW (6' x 6')

DESCRIPTION


Work under this item shall include the furnishing and application of speed hump arrow epoxy markings as shown on the plans. The pavement markings shall conform to all aspects of the current edition of the Wisconsin Department of Transportation Standard Specifications, Part 6 Section 646 & Section 647 as they pertain to the bid items within this section, except for the measurement of items described in the following section, shall apply.

METHOD OF MEASUREMENT

Shall be measured by Each 6 foot x 6 foot pavement marking, acceptably installed, as shown on the plan.



Legend

 Denotes Boring Location

Notes

1. Soil Borings performed by Badger State Drilling in November 2021
2. Boring locations are approximate

Scale: Reduced

Date: 11/2021	CGC, Inc.
Job No. C21051-21	

Soil Boring Location Map
Hammersley Road
Madison, WI



LOG OF TEST BORING

Project Hammersley Road
460'E of Rae, 10'N of Centerline
 Location Madison, WI

Boring No. 1
 Surface Elevation (ft) 1062±
 Job No. C21051-21
 Sheet 1 of 1

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

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	Rec (in.)	Moist	N	Depth (ft)		qu (qa) (tsf)	W	LL	PL	LI
				0	X	4 in. Asphalt Pavement/8 in. Base Coarse				
1	8	M	34	34						
2	6	M	12	12						
3	8	M	61/ 10"	61/ 10"						
4	18	M	14	14						
5	18	M	25	25						
6	18	M	27	27						
				15	End Boring at 15 ft					
				20	Borehole backfilled with bentonite chips and asphalt patch					

WATER LEVEL OBSERVATIONS					GENERAL NOTES				
While Drilling	∇	NW	Upon Completion of Drilling	_____	Start	11/17/21	End	11/17/21	
Time After Drilling	_____	_____		_____	Driller	BSD	Chief	KD	Rig D-120
Depth to Water	_____	_____		_____	Logger	GB	Editor	ESF	
Depth to Cave in	_____	_____		_____	Drill Method	2.25" HSA; Autohammer			
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.									



LOG OF TEST BORING

Project Hammersley Road
950'W of Whitney, 15'S of Centerline
 Location Madison, WI

Boring No. 2
 Surface Elevation (ft) 1030±
 Job No. C21051-21
 Sheet 1 of 1

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

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES					
No.	TYPE	Rec (in.)	Moist	N		Depth (ft)	qu (qa) (tsf)	W	LL	PL	LI
					5	X	4 in. Asphalt Pavement/8 in. Base Course				
1	█	12	M	24			Medium Dense to Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles and Boulders (SM - Possible Fill to 3')				
2	█	18	M	18							
3	█	1	M	31							
4	█	1	M	41	10		Dense, Light Brown Fine SAND, Some Gravel, Little to Some Silt (SP-SM/SM)				
5	█	18	M	55/9"			Very Dense, Brown Silty Fine SAND, Some Gravel, Scattered Cobbles and Boulders (SM)				
6	█	14	M	98/8"	15		End Boring at 15 ft				
Borehole backfilled with bentonite chips and asphalt patch											

WATER LEVEL OBSERVATIONS	GENERAL NOTES
While Drilling <input checked="" type="checkbox"/> NW Upon Completion of Drilling _____ Time After Drilling _____ Depth to Water _____ Depth to Cave in _____	Start <u>11/17/21</u> End <u>11/17/21</u> Driller <u>BSD</u> Chief <u>KD</u> Rig <u>D-120</u> Logger <u>GB</u> Editor <u>ESF</u> Drill Method <u>2.25" HSA, Autohammer</u>
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.	



LOG OF TEST BORING

Project Hammersley Road
460'E of Whitney, 15'S of Centerline
 Location Madison, WI

Boring No. 3
 Surface Elevation (ft) 1044±
 Job No. C21051-21
 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.	RFIX Rec (in.)	Moist	N	Depth (ft)		qu (qa) (tsf)	W	LL	PL	LI	
				0	X	4 in. Asphalt Pavement/7 in. Base Course					
1	14	M		10							
						Loose to Medium Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles and Boulders (SM - Possible Fill to 3')					
2	12	M		27							
						Very Dense, Grayish-Brown Fine to Coarse SAND and GRAVEL with Numerous Cobbles and Variable Silt Content (SP-SM/GP-GM)					
3	0			50/1"							
4	0			50/2"							
5	6	M		90/7"							
6	2	M		50/3"							
					15	End Boring at 15 ft					
						Borehole backfilled with bentonite chips and asphalt patch					
					20						

WATER LEVEL OBSERVATIONS					GENERAL NOTES				
While Drilling	<input checked="" type="checkbox"/>	NW	Upon Completion of Drilling	_____	Start	11/17/21	End	11/17/21	
Time After Drilling	_____			_____	Driller	BSD	Chief	KD	Rig D-120
Depth to Water	_____			_____	Logger	GB	Editor	ESF	
Depth to Cave in	_____			_____	Drill Method	2.25" HSA; Autohammer			
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.									



LOG OF TEST BORING

Project Hammersley Road
850'E of Gilbert, 15'S of Centerline
 Location Madison, WI

Boring No. 4
 Surface Elevation (ft) 1037±
 Job No. C21051-21
 Sheet 1 of 1

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

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	Rec (in.)	Moist	N	Depth (ft)		q _u (qa) (tsf)	W	LL	PL	LI
				0	X	4 in. Asphalt Pavement/8 in. Base Course				
1	18	M	9	9	X	FILL: Stiff Brown Sandy Clay				
				5		Dense to Very Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles and Boulders (SM)				
2	18	M	49	49						
3	18	M	41	41						
4	18	M	37	37						
5	18	M	53	53						
6	18	M	39	39						
				15		End Boring at 15 ft				
Borehole backfilled with bentonite chips and asphalt patch										

WATER LEVEL OBSERVATIONS	GENERAL NOTES
While Drilling <input checked="" type="checkbox"/> NW Upon Completion of Drilling _____ Time After Drilling _____ Depth to Water _____ Depth to Cave in _____	Start <u>11/17/21</u> End <u>11/17/21</u> Driller <u>BSD</u> Chief <u>KD</u> Rig <u>D-120</u> Logger <u>GB</u> Editor <u>ESF</u> Drill Method <u>2.25" HSA; Autohammer</u>
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.	



LOG OF TEST BORING

Project Hammersley Road
420'W of Reetz, 15'S of Centerline
 Location Madison, WI

Boring No. 5
 Surface Elevation (ft) 1029±
 Job No. C21051-21
 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
				5	X	4 in. Asphalt Pavement/8 in. Base Course				
1	18	M		20	5					
2	18	M		17						
3	8	M		27						
4	18	M		27						
				10	15	End Boring at 10.5 ft Due to Auger Refusal on Presumed Boulder/Possible Bedrock. Borehole backfilled with bentonite chips and asphalt patch				
				20						

WATER LEVEL OBSERVATIONS	GENERAL NOTES
While Drilling <input checked="" type="checkbox"/> NW Upon Completion of Drilling _____ Time After Drilling _____ Depth to Water _____ Depth to Cave in _____	Start <u>11/17/21</u> End <u>11/17/21</u> Driller <u>BSD</u> Chief <u>KD</u> Rig <u>D-120</u> Logger <u>GB</u> Editor <u>ESF</u> Drill Method <u>2.25" HSA; Autohammer</u>
The stratification lines represent the approximate boundary between soil types and the transition may be gradual.	

LOG OF TEST BORING
General Notes

DESCRIPTIVE SOIL CLASSIFICATION

Grain Size Terminology

Soil Fraction	Particle Size	U.S. Standard Sieve Size
Boulders	Larger than 12"	Larger than 12"
Cobbles	3" to 12"	3" to 12"
Gravel: Coarse.....	¾" to 3"	¾" to 3"
Fine	4.76 mm to ¾"	#4 to ¾"
Sand: Coarse.....	2.00 mm to 4.76 mm.....	#10 to #4
Medium	0.42 to mm to 2.00 mm	#40 to #10
Fine	0.074 mm to 0.42 mm.....	#200 to #40
Silt.....	0.005 mm to 0.074 mm.....	Smaller than #200
Clay.....	Smaller than 0.005 mm.....	Smaller than #200

Plasticity characteristics differentiate between silt and clay.

General Terminology

Physical Characteristics
Color, moisture, grain shape, fineness, etc.
Major Constituents
Clay, silt, sand, gravel
Structure
Laminated, varved, fibrous, stratified, cemented, fissured, etc.
Geologic Origin
Glacial, alluvial, eolian, residual, etc.

Relative Density

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

Relative Proportions Of Cohesionless Soils

Proportional Term	Defining Range by Percentage of Weight
Trace.....	0% - 5%
Little.....	5% - 12%
Some.....	12% - 35%
And	35% - 50%

Consistency

Term	q _u -tons/sq. ft
Very Soft.....	0.0 to 0.25
Soft.....	0.25 to 0.50
Medium.....	0.50 to 1.0
Stiff.....	1.0 to 2.0
Very Stiff.....	2.0 to 4.0
Hard.....	Over 4.0

Organic Content by Combustion Method

Soil Description	Loss on Ignition
Non Organic.....	Less than 4%
Organic Silt/Clay.....	4 - 12%
Sedimentary Peat.....	12% - 50%
Fibrous and Woody Peat...	More than 50%

Plasticity

Term	Plastic Index
None to Slight.....	0 - 4
Slight.....	5 - 7
Medium.....	8 - 22
High to Very High ..	Over 22

The penetration resistance, N, is the summation of the number of blows required to effect two successive 6" penetrations of the 2" split-barrel sampler. The sampler is driven with a 140 lb. weight falling 30" and is seated to a depth of 6" before commencing the standard penetration test.

SYMBOLS

Drilling and Sampling

- CS – Continuous Sampling
- RC – Rock Coring: Size AW, BW, NW, 2"W
- RQD – Rock Quality Designation
- RB – Rock Bit/Roller Bit
- FT – Fish Tail
- DC – Drove Casing
- C – Casing: Size 2 ½", NW, 4", HW
- CW – Clear Water
- DM – Drilling Mud
- HSA – Hollow Stem Auger
- FA – Flight Auger
- HA – Hand Auger
- COA – Clean-Out Auger
- SS - 2" Dia. Split-Barrel Sample
- 2ST – 2" Dia. Thin-Walled Tube Sample
- 3ST – 3" Dia. Thin-Walled Tube Sample
- PT – 3" Dia. Piston Tube Sample
- AS – Auger Sample
- WS – Wash Sample
- PTS – Peat Sample
- PS – Pitcher Sample
- NR – No Recovery
- S – Sounding
- PMT – Borehole Pressuremeter Test
- VS – Vane Shear Test
- WPT – Water Pressure Test

Laboratory Tests

- q_a – Penetrometer Reading, tons/sq ft
- q_u – Unconfined Strength, tons/sq ft
- W – Moisture Content, %
- LL – Liquid Limit, %
- PL – Plastic Limit, %
- SL – Shrinkage Limit, %
- LI – Loss on Ignition
- D – Dry Unit Weight, lbs/cu ft
- pH – Measure of Soil Alkalinity or Acidity
- FS – Free Swell, %

Water Level Measurement
















- ▽ - Water Level at Time Shown
- NW – No Water Encountered
- WD – While Drilling
- BCR – Before Casing Removal
- ACR – After Casing Removal
- CW – Cave and Wet
- CM – Caved and Moist

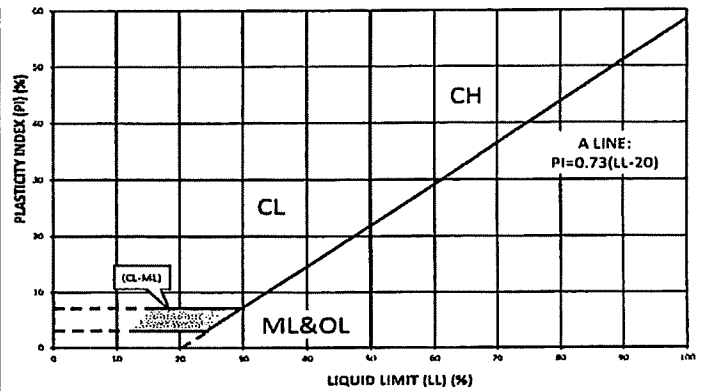
Note: Water level measurements shown on the boring logs represent conditions at the time indicated and may not reflect static levels, especially in cohesive soils.

CGC, Inc.

Madison - Milwaukee

Unified Soil Classification System

UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART			
COARSE-GRAINED SOILS (more than 50% of material is larger than No. 200 sieve size)			
Clean Gravels (Less than 5% fines)			
GRAVELS More than 50% of coarse fraction larger than No. 4 sieve size		GW	Well-graded gravels, gravel-sand mixtures, little or no fines
		GP	Poorly-graded gravels, gravel-sand mixtures, little or no fines
	Gravels with fines (More than 12% fines)		
		GM	Silty gravels, gravel-sand-silt mixtures
		GC	Clayey gravels, gravel-sand-clay mixtures
Clean Sands (Less than 5% fines)			
SANDS 50% or more of coarse fraction smaller than No. 4 sieve size		SW	Well-graded sands, gravelly sands, little or no fines
		SP	Poorly graded sands, gravelly sands, little or no fines
	Sands with fines (More than 12% fines)		
		SM	Silty sands, sand-silt mixtures
		SC	Clayey sands, sand-clay mixtures
FINE-GRAINED SOILS (50% or more of material is smaller than No. 200 sieve size.)			
SILTS AND CLAYS Liquid limit less than 50%		ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
		OL	Organic silts and organic silty clays of low plasticity
SILTS AND CLAYS Liquid limit 50% or greater		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
		CH	Inorganic clays of high plasticity, fat clays
		OH	Organic clays of medium to high plasticity, organic silts
HIGHLY ORGANIC SOILS		PT	Peat and other highly organic soils

LABORATORY CLASSIFICATION CRITERIA	
GW	$C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_c = \frac{D_{30}}{D_{10} \times D_{60}}$ between 1 and 3
GP	Not meeting all gradation requirements for GW
GM	Atterberg limits below "A" line or P.I. less than 4
GC	Atterberg limits above "A" line or P.I. greater than 7
Above "A" line with P.I. between 4 and 7 are borderline cases requiring use of dual symbols	
SW	$C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_c = \frac{D_{30}}{D_{10} \times D_{60}}$ between 1 and 3
SP	Not meeting all gradation requirements for GW
SM	Atterberg limits below "A" line or P.I. less than 4
SC	Atterberg limits above "A" line with P.I. greater than 7
Limits plotting in shaded zone with P.I. between 4 and 7 are borderline cases requiring use of dual symbols	
Determine percentages of sand and gravel from grain-size curve. Depending on percentage of fines (fraction smaller than No. 200 sieve size), coarse-grained soils are classified as follows:	
Less than 5 percent GW, GP, SW, SP	
More than 12 percent GM, GC, SM, SC	
5 to 12 percent Borderline cases requiring dual symbols	
PLASTICITY CHART	
	



Department of Public Works
Engineering Division
James M. Wolfe, P.E., City Engineer

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

Assistant City Engineer
Bryan Cooper, AIA
Gregory T. Fries, P.E.
Chris Petykowski, P.E.

Deputy Division Manager
Kathleen M. Cryan

Principal Engineer 2
John S. Fahrney, P.E.
Janet Schmidt, P.E.

Principal Engineer 1
Mark D. Moder, P.E.
Andrew J. Zwieg, P.E.

Financial Manager
Steven B. Danner-Rivers

November 17, 2023

**NOTICE OF ADDENDUM
ADDENDUM 1
CONTRACT NO. 8711, 8762
8711- HARVEY STREET AND SCHMITT PLACE ASSESSMENT DISTRICT – 2023
8762 – HAMMERSLEY ROAD RESURFACING ASSESSMENT DISTRICT – 2024
NOTICE OF ADDENDUM
ADDENDUM 2
9289 - UNIT WELL 19 TREATMENT SYSTEM ADDITION**

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

On all 3 contracts, the link to register for the SBE Pre Bid Meeting is incorrect, both on page A-1 of the contract documents as well as the direct link on Bid Express. The correct link is noted below and has been updated on Bid Express, too.

Please note that the SBE Pre Bid Meeting for all 3 contracts will be held on **November 21, 2023 at 2:00pm.**

SBE Pre Bid Meeting Registration Link:

<https://www.cityofmadison.com/engineering/developers-contractors/contractors/how-to-bid-public-works-contracts/small-business>

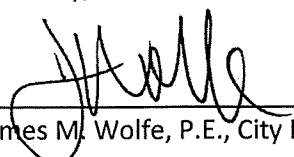
Please acknowledge this addendum on page E1 of the contract documents and/or in Section E: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on the Bid Express web site at:

<http://www.bidexpress.com>

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

Sincerely,



James M. Wolfe, P.E., City Engineer


SECTION E: BIDDERS ACKNOWLEDGEMENT

CONTRACT TITLE HAMMERSLEY RD

CONTRACT NO. 8762

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 - 2023 Edition thereto, Form of Agreement, Form of Bond, and Addenda issued and attached to the plans and specifications on file in the office of the City Engineer, hereby proposes to provide and furnish all the labor, materials, tools, and expendable equipment necessary to perform and complete in a workmanlike manner the specified construction on this project for the City of Madison; all in accordance with the plans and specifications as prepared by the City Engineer, including Addenda to the Contract Nos. 1 through 1 issued thereto, at the prices for said work as contained in this proposal. (Electronic bids submittals shall acknowledge addendum under Section E and shall not acknowledge here)
2. If awarded the Contract, we will initiate action within seven (7) days after notification or in accordance with the date specified in the contract to begin work and will proceed with diligence to bring the project to full completion within the number of work days allowed in the Contract or by the calendar date stated in the Contract.
3. The undersigned Bidder or Contractor certifies that he/she is not a party to any contract, combination in form of trust or otherwise, or conspiracy in restraint of trade or commerce or any other violation of the anti-trust laws of the State of Wisconsin or of the United States, with respect to this bid or contract or otherwise.
4. I hereby certify that I have met the Bid Bond Requirements as specified in Section 102.5. *(IF BID BOND IS USED, IT SHALL BE SUBMITTED ON THE FORMS PROVIDED BY THE CITY. FAILURE TO DO SO MAY RESULT IN REJECTION OF THE BID).*
5. I hereby certify that all statements herein are made on behalf of Capitol Underground, Inc. (name of corporation, partnership, or person submitting bid) a corporation organized and existing under the laws of the State of WI a partnership consisting of _____; an individual trading as _____; of the City of Sun Prairie State of WI ; 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.

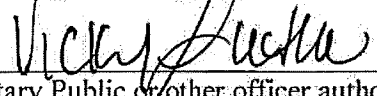


SIGNATURE

 CONTROLLER

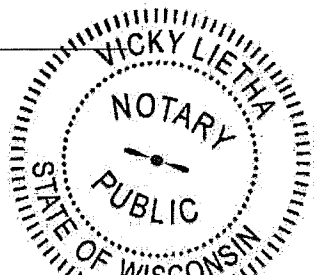
TITLE, IF ANY

Sworn and subscribed to before me this 30th day of November , 20 23 .



(Notary Public or other officer authorized to administer oaths)
My Commission Expires 4-27-27

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



Section F: Best Value Contracting (BVC) Fillable Online Form**Best Value Contracting****1. The Contractor shall indicate the non-apprenticeable trades used on this contract.**

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

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

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

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

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

Contractor has been in business less than one year.

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

An exemption is granted in accordance with a time period of a "Documented Depression" as defined by the State of Wisconsin.

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

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

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

BRICKLAYER

CARPENTER

CEMENT MASON / CONCRETE FINISHER

CEMENT MASON (HEAVY HIGHWAY)

CONSTRUCTION CRAFT LABORER

DATA COMMUNICATION INSTALLER

ELECTRICIAN

ENVIRONMENTAL SYSTEMS TECHNICIAN / HVAC SERVICE TECH/HVAC INSTALL / SERVICE

GLAZIER

HEAVY EQUIPMENT OPERATOR / OPERATING ENGINEER

INSULATION WORKER (HEAT and FROST)

IRON WORKER

IRON WORKER (ASSEMBLER, METAL BLDGS)

PAINTER and DECORATOR

PLASTERER

PLUMBER

RESIDENTIAL ELECTRICIAN

ROOFER and WATER PROOFER

SHEET METAL WORKER

SPRINKLER FITTER

STEAMFITTER

STEAMFITTER (REFRIGERATION)

STEAMFITTER (SERVICE)

TAPER and FINISHER

TELECOMMUNICATIONS (VOICE, DATA and VIDEO) INSTALLER-TECHNICIAN

TILE SETTER

CONTRACT NO. 8762

Small Business Enterprise Compliance Report

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

Cover Sheet

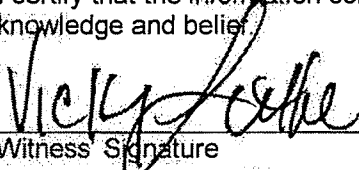
Prime Bidder Information

Company:	Capitol Underground, Inc.
Address:	782 Lois Dr. Sun Prairie, WI 53590
Telephone Number:	608-318-1595
Fax Number:	608-318-1589
Contact Person/Title:	Brent Conwell - Controller


Prime Bidder Certification

Name:	Brent Conwell
Title:	Controller
Company:	Capitol Underground, Inc.

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



Witness Signature



Bidder's Signature

11-30-23

Date

CONTRACT NO. 8762

Small Business Enterprise Compliance Report

Summary Sheet

SBE Subcontractors Who Are NOT Suppliers

Name(s) of SBEs Utilized	Type of Work	% of Total Bid Amount
Mike Schlobohm	Trucking	2 %
Other SBE As Available	Trucking	%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
Subtotal SBE who are NOT suppliers:		<u>5</u> %

SBE Subcontractors Who Are Suppliers

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

HAMMERSLEY ROAD RESURFACING ASSESSMENT DISTRICT - 2024

CONTRACT NO. 8762

DATE: 11/30/23

Capitol Underground, Inc.

Item	Quantity	Price	Extension
Section B: Proposal Page			
10701 - TRAFFIC CONTROL - LUMP SUM	1.00	\$6,000.00	\$6,000.00
10721 - TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE - DAYS	14.00	\$75.00	\$1,050.00
10750 - RESET MONUMENT - EACH	2.00	\$520.00	\$1,040.00
10770 - MAINTAIN RESIDENTIAL DRIVEWAY ACCESS (UNDISTRIBUTED) - EACH	15.00	\$810.00	\$12,150.00
10801 - ROOT CUTTING - CURB & GUTTER (UNDISTRIBUTED) - L.F.	150.00	\$5.50	\$825.00
10802 - ROOT CUTTING - SIDEWALK (UNDISTRIBUTED) - L.F.	50.00	\$5.50	\$275.00
10912 - MOBILIZATION - LUMP SUM	1.00	\$258,000.00	\$258,000.00
20101 - EXCAVATION CUT- C.Y.	10790.00	\$25.30	\$272,987.00
20130 - UNDERDRAIN - L.F.	1150.00	\$17.50	\$20,125.00
20140 - GEOTEXTILE FABRIC TYPE SAS NON WOVEN (UNDISTRIBUTED) - S.Y.	5230.00	\$2.30	\$12,029.00
20204 - SELECT FILL (UNDISTRIBUTED) - TON	50.00	\$19.00	\$950.00
20219 - BREAKER RUN - TON	3770.00	\$9.50	\$35,815.00
20221 - TOPSOIL - S.Y.	6500.00	\$5.45	\$35,425.00
20302 - SAWCUT CONCRETE PAVEMENT, FULL DEPTH - L.F.	10.00	\$60.00	\$600.00
20303 - SAWCUT ASPHALT PAVEMENT - L.F.	290.00	\$2.00	\$580.00
20322 - REMOVE CONCRETE CURB & GUTTER - L.F.	6900.00	\$5.20	\$35,880.00
20323 - REMOVE CONCRETE SIDEWALK & DRIVE - S.F.	8560.00	\$4.05	\$34,668.00
20401 - CLEARING - I.D.	40.00	\$100.00	\$4,000.00
20406 - GRUBBING - I.D.	40.00	\$25.00	\$1,000.00
20504 - ADJUST VALVE CASTING (UNDISTRIBUTED) - EACH	5.00	\$210.00	\$1,050.00
20701 - TERRACE SEEDING - S.Y.	6500.00	\$2.20	\$14,300.00
21063 - EROSION MATTING, CLASS I, TYPE A - ORGANIC - S.Y.	6500.00	\$2.20	\$14,300.00
21302 - CONSTRUCTION FENCE (PLASTIC) (UNDISTRIBUTED) - L.F.	500.00	\$5.00	\$2,500.00
30201 - TYPE 'A' CONCRETE CURB & GUTTER - L.F.	6520.00	\$29.00	\$189,080.00
30203 - TYPE 'X' CONCRETE CURB & GUTTER - L.F.	160.00	\$34.00	\$5,440.00
30204 - TYPE 'D' CONCRETE CURB & GUTTER - L.F.	20.00	\$45.60	\$912.00
30206 - TYPE 'G' CONCRETE CURB & GUTTER - L.F.	90.00	\$45.60	\$4,104.00
30208 - HAND FORMED CONCRETE CURB & GUTTER (TREE LOCATIONS) - L.F.	100.00	\$46.00	\$4,600.00
30301 - 5" CONCRETE SIDEWALK - S.F.	3270.00	\$8.60	\$28,122.00
30302 - 7" CONCRETE SIDEWALK AND DRIVE - S.F.	9670.00	\$9.30	\$89,931.00
30340 - CURB RAMP DETECTABLE WARNING FIELD - S.F.	310.00	\$45.00	\$13,950.00
40101 - CRUSHED AGGREGATE BASE COURSE GRADATION NO. 1 - TON	3900.00	\$16.80	\$65,520.00
40102 - CRUSHED AGGREGATE BASE COURSE GRADATION NO. 2 - TON	8700.00	\$16.80	\$146,160.00
40201 - HMA PAVEMENT 3 LT 58-28 S - TON	1630.00	\$72.50	\$118,175.00
40202 - HMA PAVEMENT 4 LT 58-28 S - TON	2090.00	\$80.30	\$167,827.00
40218 - TACK COAT - GAL	780.00	\$3.00	\$2,340.00
40231 - ASPHALT DRIVE & TERRACE - S.Y.	310.00	\$56.00	\$17,360.00
40301 - FULL WIDTH GRINDING - S.Y.	240.00	\$20.00	\$4,800.00
40308 - RAMPING SAS (UNDISTRIBUTED) - EACH	5.00	\$400.00	\$2,000.00
40402 - 9 INCH CONCRETE PAVEMENT - S.Y.	210.00	\$97.40	\$20,454.00
60800 - PAVEMENT MARKING EPOXY, LINE, 4-INCH - L.F.	1712.00	\$3.25	\$5,564.00
60801 - PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH - L.F.	1396.00	\$3.00	\$4,188.00
60802 - PAVEMENT MARKING EPOXY, LINE, 6-INCH - L.F.	1555.00	\$2.25	\$3,498.75
60812 - PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH - L.F.	451.00	\$10.00	\$4,510.00

HAMMERSLEY ROAD RESURFACING ASSESSMENT DISTRICT - 2024

CONTRACT NO. 8762

DATE: 11/30/23

Capitol Underground, Inc.

Item	Quantity	Price	Extension
60814 - PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH - L.F.	311.00	\$15.00	\$4,665.00
60818 - PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH - L.F.	120.00	\$20.00	\$2,400.00
60824 - PAVEMENT MARKING EPOXY, SYMBOL, BIKE STRAIGHT ARROW - EACH	3.00	\$260.00	\$780.00
60894 - SKID/SLIP RESISTANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, BIKE LANE GREEN - S.F.	1701.00	\$14.00	\$23,814.00
90001 - GEOSYNTHETIC REINFORCEMENT FABRIC (UNDISTRIBUTED) - S.Y.	250.00	\$9.50	\$2,375.00
90002 - SIDEWALK CURB - LF	90.00	\$45.00	\$4,050.00
90003 - REMOVE AND SALVAGE BRICK PAVERS - S.F.	440.00	\$16.00	\$7,040.00
90004 - PRIVATE TREE PRUNING (UNDISTRIBUTED) - I.D.	60.00	\$75.00	\$4,500.00
90005 - TERRACE EXCAVATION FOR TREE PLANTING - C.Y.	380.00	\$36.50	\$13,870.00
90006 - RADIAL DETECTABLE WARNING FIELD - S.F.	90.00	\$90.00	\$8,100.00
90007 - BARK MULCH - S.Y.	80.00	\$12.00	\$960.00
90008 - REMOVE AND RELAY STONE MULCH - S.Y.	80.00	\$13.00	\$1,040.00
90009 - REMOVE, SALVAGE AND REINSTALL RETAINING WALL - S.F.	20.00	\$15.00	\$300.00
90010 - PAVEMENT MARKING EXPOXY, SPEED HUMP ARROW (6' x 6') - EACH	2.00	\$300.00	\$600.00
20217 - CLEAR STONE - TON	525.00	\$15.80	\$8,295.00
21002 - EROSION CONTROL INSPECTION - EACH	4.00	\$180.00	\$720.00
21011 - CONSTRUCTION ENTRANCE - EACH	2.00	\$540.00	\$1,080.00
21012 - STREET CONSTRUCTION STONE BERM - EACH	6.00	\$360.00	\$2,160.00
21013 - STREET SWEEPING - LUMP SUM	1.00	\$8,675.00	\$8,675.00
21014 - CLEAR STONE BERM (DITCH CHECK) - EACH	22.00	\$270.00	\$5,940.00
21018 - SILT SOCK (8 INCH) - PROVIDE, INSTALL, & MAINTAIN - L.F.	200.00	\$6.00	\$1,200.00
21019 - SILT SOCK (8 INCH) - REMOVE & RESTORE - L.F.	200.00	\$2.00	\$400.00
21031 - INLET PROTECTION TYPE C (UNDISTRIBUTED) - EACH	4.00	\$170.00	\$680.00
21049 - INLET PROTECTION, RIGID FRAME - PROVIDE AND INSTALL - EACH	51.00	\$315.00	\$16,065.00
21050 - INLET PROTECTION, RIGID FRAME - MAINTAIN - EACH	51.00	\$40.00	\$2,040.00
21051 - INLET PROTECTION, RIGID FRAME - REMOVE - EACH	51.00	\$60.00	\$3,060.00
50401 - 12 INCH TYPE I RCP STORM SEWER PIPE - L.F.	413.00	\$84.10	\$34,733.30
50741 - TYPE H INLET - EACH	21.00	\$3,220.00	\$67,620.00
20311.1 - REMOVE SEWER ACCESS STRUCTURE (STORM) - EACH	4.00	\$850.00	\$3,400.00
20313 - REMOVE INLET - EACH	12.00	\$635.00	\$7,620.00
20314.1 - REMOVE PIPE (STORM) - L.F.	297.00	\$26.25	\$7,796.25
20335.1 - ABANDON SEWER PIPE WITH SLURRY (STORM) - C.Y.	20.00	\$740.00	\$14,800.00
20336 - PIPE PLUG (STORM) - EACH	3.00	\$370.00	\$1,110.00
50211 - SELECT BACKFILL FOR STORM SEWER - T.F.	3039.00	\$0.01	\$30.39
50225 - UTILITY TRENCH PATCH TYPE III - T.F.	48.00	\$103.50	\$4,968.00
50402 - 15 INCH TYPE I RCP STORM SEWER PIPE - L.F.	176.00	\$88.75	\$15,620.00
50403 - 18 INCH TYPE I RCP STORM SEWER PIPE - L.F.	217.00	\$96.50	\$20,940.50
50405 - 24 INCH TYPE I RCP STORM SEWER PIPE - L.F.	1687.00	\$110.00	\$185,570.00
50406 - 27 INCH TYPE I RCP STORM SEWER PIPE - L.F.	70.00	\$137.50	\$9,625.00
50409 - 36 INCH TYPE I RCP STORM SEWER PIPE - L.F.	442.00	\$172.20	\$76,112.40
50418 - 14 INCH X 23 INCH TYPE I HERCP STORM SEWER PIPE - L.F.	34.00	\$130.75	\$4,445.50
50499 - CONCRETE COLLAR - EACH	4.00	\$530.00	\$2,120.00
50792 - STORM SEWER TAP - EACH	1.00	\$1,125.00	\$1,125.00
50723 - 3'X3' STORM SAS - EACH	10.00	\$5,295.00	\$52,950.00
50724 - 4'X4' STORM SAS - EACH	6.00	\$6,985.00	\$41,910.00
50725 - 5'X5' STORM SAS - EACH	4.00	\$7,515.00	\$30,060.00

HAMMERSLEY ROAD RESURFACING ASSESSMENT DISTRICT - 2024

CONTRACT NO. 8762

DATE: 11/30/23

Capitol Underground, Inc.

Item	Quantity	Price	Extension
50726 - 6'X6' STORM SAS - EACH	1.00	\$9,335.00	\$9,335.00
50768 - TERRACE INLET TYPE 3 - EACH	1.00	\$6,980.00	\$6,980.00
50801.1 - UTILITY LINE OPENING (ULO) (UNDISTRIBUTED) (STORM) - EACH	25.00	\$750.00	\$18,750.00
20311.2 - REMOVE SEWER ACCESS STRUCTURE (SANITARY) - EACH	20.00	\$680.00	\$13,600.00
20314.2 - REMOVE PIPE (SANITARY) - L.F.	159.00	\$31.75	\$5,048.25
20335.2 - ABANDON SEWER PIPE WITH SLURRY (SANITARY) - C.Y.	46.50	\$750.00	\$34,875.00
50103 - RECONSTRUCT BENCH AND FLOWLINE(S) - EACH	2.00	\$1,050.00	\$2,100.00
50201 - ROCK EXCAVATION - C.Y.	1422.00	\$190.00	\$270,180.00
50212 - SELECT BACKFILL SANITARY SEWER - T.F.	5654.00	\$0.01	\$56.54
50301 - 8 INCH PVC SEWER PIPE - L.F.	4150.00	\$113.50	\$471,025.00
50302 - 10 INCH PVC SANITARY SEWER PIPE - L.F.	9.00	\$257.10	\$2,313.90
50353 - SANITARY SEWER LATERAL - L.F.	1495.00	\$41.65	\$62,266.75
50356 - RECONNECT - EACH	54.00	\$3,035.00	\$163,890.00
50359 - COMPRESSION COUPLING - EACH	2.00	\$1,075.00	\$2,150.00
50361 - WASTEWATER CONTROL - L.S.	1.00	\$8,500.00	\$8,500.00
50390 - SEWER ELECTRONIC MARKERS - EACH	150.00	\$44.50	\$6,675.00
50701 - 4' DIA SANITARY SAS - EACH	13.00	\$5,620.00	\$73,060.00
50702 - 5' DIA SANITARY SAS - EACH	2.00	\$10,355.00	\$20,710.00
50771 - INTERNAL CHIMNEY SEAL - EACH	2.00	\$450.00	\$900.00
50783 - INSIDE DROP - V.F.	7.66	\$440.00	\$3,370.40
50791 - SANITARY SEWER TAP - EACH	7.00	\$1,625.00	\$11,375.00
50801.2 - UTILITY LINE OPENING (ULO) (WATER) - EACH	4.00	\$750.00	\$3,000.00
70002 - FURNISH AND INSTALL 6 INCH PIPE & FITTINGS - L.F.	180.00	\$105.00	\$18,900.00
70003 - FURNISH AND INSTALL 8 INCH PIPE & FITTINGS - L.F.	200.00	\$134.00	\$26,800.00
70005 - FURNISH AND INSTALL 12 INCH PIPE & FITTINGS - L.F.	4060.00	\$144.70	\$587,482.00
70031 - FURNISH AND INSTALL 6-INCH WATER VALVE - EACH	10.00	\$3,395.00	\$33,950.00
70032 - FURNISH AND INSTALL 8-INCH WATER VALVE - EACH	2.00	\$3,845.00	\$7,690.00
70034 - FURNISH AND INSTALL 12-INCH WATER VALVE - EACH	9.00	\$6,240.00	\$56,160.00
70040 - FURNISH, INSTALL AND SALVAGE HYDRANT - EACH	7.00	\$6,885.00	\$48,195.00
70053 - REPLACE 1-INCH COPPER SERVICE LATERAL - EACH	1.00	\$3,270.00	\$3,270.00
70056 - RECONNECT 1-INCH SERVICE LATERAL - EACH	50.00	\$1,775.00	\$88,750.00
70058 - RECONNECT 2-INCH SERVICE LATERAL - EACH	1.00	\$3,655.00	\$3,655.00
70080 - CUT-IN OR CONNECT TO EXISTING WATER SYSTEM - EACH	9.00	\$1,260.00	\$11,340.00
70081 - FURNISH EXCAVATION AND DITCH FOR LIVE TAP - EACH	1.00	\$1,895.00	\$1,895.00
70082 - CUT OFF EXISTING WATER MAIN - EACH	5.00	\$985.00	\$4,925.00
70090 - ABANDON WATER VALVE BOX - EACH	14.00	\$300.00	\$4,200.00
70101 - FURNISH AND INSTALL STYROFOAM - EACH	28.00	\$145.00	\$4,060.00
70104 - ADJUST WATER VALVE BOX - EACH	8.00	\$210.00	\$1,680.00
70106 - ROCK EXCAVATION - C.Y.	20.00	\$190.00	\$3,800.00
70111 - FURNISH AND INSTALL ANODE - EACH	2.00	\$320.00	\$640.00
130 Items	Totals		\$4,469,002.93

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

PRINCIPAL

Capitol Underground, Inc.
COMPANY NAME AFFIX SEAL

February 1, 2022
DATE

By:  CONTROLLER
SIGNATURE AND TITLE

SURETY

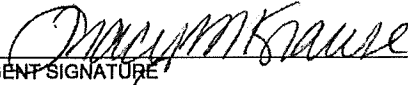
Western Surety Company
COMPANY NAME AFFIX SEAL

February 1, 2022
DATE

By:  Attorney-in-Fact
SIGNATURE AND TITLE

This certifies that I have been duly licensed as an agent for the Surety in Wisconsin under National Provider No. 8996012 for the year 2022 and appointed as attorney in fact with authority to execute this bid bond, which power of attorney has not been revoked.

February 1, 2022
DATE


AGENT SIGNATURE

828 John Nolen Drive
ADDRESS

Madison, WI 53713
CITY, STATE AND ZIP CODE

608-273-0655
TELEPHONE NUMBER

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

CERTIFICATE OF BIENNIAL BID BOND

TIME PERIOD-VALID (FROM/TO) 2/1/2022 - 2/1/2024
NAME OF SURETY Western Surety Company
NAME OF CONTRACTOR Capitol Underground, Inc.
CERTIFICATE HOLDER City of Madison, Wisconsin

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

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

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



SIGNATURE OF AUTHORIZED CONTRACTOR REPRESENTATIVE

2/1/22

DATE

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Pamela Lynn Ronski, Travis J Schreiber, Tracy M Krause, Individually

of Madison, WI, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 15th day of June, 2021.



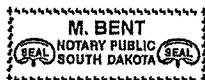
WESTERN SURETY COMPANY

Paul T. Bruflat, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 15th day of June, 2021, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires
March 2, 2026



M. Bent, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 1st day of February, 2022.



WESTERN SURETY COMPANY

L. Nelson, Assistant Secretary

SECTION H: AGREEMENT

THIS AGREEMENT made this 25th day of January in the year Two Thousand and Twenty-Four between **CAPITOL UNDERGROUND, INC.**, hereinafter called the Contractor, and the City of Madison, a Wisconsin municipal corporation, hereinafter called the City.

WHEREAS, the Common Council of the City of Madison ("Council") under the provisions of a resolution adopted on **JANUARY 9, 2024**, and by virtue of authority vested in the Council, has awarded to the Contractor the work of performing certain public 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 Agreement; 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:
2. **HAMMERSLEY ROAD RESURFACING ASSESSMENT DISTRICT - 2024
CONTRACT NO.8762**
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 **FOUR MILLION FOUR HUNDRED SIXTY-NINE THOUSAND TWO AND 93/100 (\$4,469,002.93)** Dollars being the amount bid by such Contractor and which was awarded as provided by law.
4. **A. Non-Discrimination.** During the term of this Agreement the Contractor agrees not to discriminate against any employee or applicant because of race, religion, marital status, age, color, sex, disability, national origin or ancestry, income level or source of income, arrest record or conviction record, less than honorable discharge, physical appearance, sexual orientation, gender identity, political beliefs, or student status. The Contractor further agrees not to discriminate against any subcontractor or person who offers to subcontract on this contract because of race, religion, color, age, disability, sex, sexual orientation, gender identity or national origin.
- B. Affirmative Action.** 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, shall be provided to the City by the opening date of advertisement and with sufficient time for the City to notify candidates and make a timely referral. The Contractor agrees to interview

and consider candidates referred by the Affirmative Action Division, or an organization designated by the Division, if the candidate meets the minimum qualification standards established by the Contractor, and if the referral is timely. A referral is timely if it is received by the Contractor on or before the date started in the notice.

Articles of Agreement
Article I

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

Article II

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

Article III

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

Article V

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

Article VI

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

Article VII

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

1. Cancel, terminate or suspend this Contract in whole or in part.

2. Declare the Contractor ineligible for further City contracts until the Affirmative Action requirements are met.
3. Recover on behalf of the City from the prime Contractor 0.5 percent of the contract award price for each week that such party fails or refuses to comply, in the nature of liquidated damages, but not to exceed a total of five percent (5%) of the contract price, or ten thousand dollars (\$10,000), whichever is less. Under public works contracts, if a subcontractor is in noncompliance, the City may recover liquidated damages from the prime Contractor in the manner described above. The preceding sentence shall not be construed to prohibit a prime Contractor from recovering the amount of such damage from the non-complying subcontractor.

Article VIII

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

Article IX

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

5. Substance Abuse Prevention Program Required. Prior to commencing work on the Contract, the Contractor, and any Subcontractor, shall have in place a written program for the prevention of substance abuse among its employees as required under Wis. Stat. Sec. 103.503.
6. **Contractor Hiring Practices.**

Ban the Box - Arrest and Criminal Background Checks. (Sec. 39.08, MGO)

This provision applies to all prime contractors on contracts entered into on or after January 1, 2016, and all subcontractors who are required to meet prequalification requirements under MGO 33.07(7)(I), MGO as of the first time they seek or renew pre-qualification status on or after January 1, 2016. The City will monitor compliance of subcontractors through the pre-qualification process.

- a. **Definitions.** For purposes of this section, "Arrest and Conviction Record" includes, but is not limited to, information indicating that a person has been questioned, apprehended, taken into custody or detention, held for investigation, arrested, charged with, indicted or tried for any felony, misdemeanor or other offense pursuant to any law enforcement or military authority.

"Conviction record" includes, but is not limited to, information indicating that a person has been convicted of a felony, misdemeanor or other offense, placed on probation, fined, imprisoned or paroled pursuant to any law enforcement or military authority.

"Background Check" means the process of checking an applicant's arrest and conviction record, through any means.

- b. **Requirements.** For the duration of this Contract, the Contractor shall:
 1. Remove from all job application forms any questions, check boxes, or other inquiries regarding an applicant's arrest and conviction record, as defined herein.

2. Refrain from asking an applicant in any manner about their arrest or conviction record until after conditional offer of employment is made to the applicant in question.
3. Refrain from conducting a formal or informal background check or making any other inquiry using any privately or publicly available means of obtaining the arrest or conviction record of an applicant until after a conditional offer of employment is made to the applicant in question.
4. Make information about this ordinance available to applicants and existing employees, and post notices in prominent locations at the workplace with information about the ordinance and complaint procedure using language provided by the City.
5. Comply with all other provisions of Sec. 39.08, MGO.

c. Exemptions: This section shall not apply when:

1. Hiring for a position where certain convictions or violations are a bar to employment in that position under applicable law, or
2. Hiring a position for which information about criminal or arrest record, or a background check is required by law to be performed at a time or in a manner that would otherwise be prohibited by this ordinance, including a licensed trade or profession where the licensing authority explicitly authorizes or requires the inquiry in question.

To be exempt, Contractor has the burden of demonstrating that there is an applicable law or regulation that requires the hiring practice in question, if so, the contractor is exempt from all of the requirements of this ordinance for the position(s) in question.

7. **Choice of Law and Forum Selection.** This Contract shall be governed by and construed, interpreted and enforced in accordance with the laws of the State of Wisconsin. The parties agree, for any claim or suit or other dispute relating to this Contract that cannot be mutually resolved, the venue shall be a court of competent jurisdiction within the State of Wisconsin and the parties agree to submit themselves to the jurisdiction of said court, to the exclusion of any other judicial district that may have jurisdiction over such a dispute according to any law.
8. **Counterparts, Electronic Signature and Delivery.** This Contract may be signed in counterparts, each of which shall be taken together as a whole to comprise a single document. Signatures on this Contract may be exchanged between the parties by facsimile, electronic scanned copy (.pdf) or similar technology and shall be as valid as original; and this Contract may be converted into electronic format and signed or given effect with one or more electronic signature(s) if the electronic signature(s) meets all requirements of Wis. Stat. ch. 137 or other applicable Wisconsin or Federal law. Executed copies or counterparts of this Contract may be delivered by facsimile or email and upon receipt will be deemed original and binding upon the parties hereto, whether or not a hard copy is also delivered. Copies of this Contract, fully executed, shall be as valid as an original.

HAMMERSLEY ROAD RESURFACING ASSESSMENT DISTRICT - 2024
CONTRACT NO.8762

IN WITNESS WHEREOF, the Contractor has hereunto set his/her hand and seal and the City has caused this contract to be executed by its Mayor and City Clerk on the dates written below.

Countersigned:

CAPITOL UNDERGROUND, INC.

Company Name


Vicky Justice 12-14-23
Witness Date

Gordon Moravskhe 12/14/23
President Date

Vicky Justice 12-18-23
Witness Date

[Signature] 12/18/23
Secretary Date

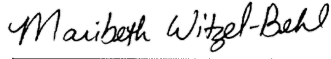
CITY OF MADISON



Satya Rhodes-Conway, Mayor

01/25/2024

Date



Maribeth Witzel-Behl, City Clerk

01/17/2024

Date

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



David P. Schmiedicke, Finance Director

1/24/2024

Date

Approved as to form:



Michael Haas, City Attorney

1/25/2024

Date

Execution of this Agreement by City was authorized by Resolution Enactment No. RES -24-00013, ID No. 81173 _____, adopted by the Common Council of the City of Madison on Jan. 9 _____, 2024 .

SECTION I: PAYMENT AND PERFORMANCE BOND

LET ALL KNOW BY THESE DOCUMENTS PRESENTED, that we CAPITOL UNDERGROUND, INC. as principal, and Western Surety Company Company of South Dakota as surety, are held and firmly bound unto the City of Madison, Wisconsin, in the sum of **FOUR MILLION FOUR HUNDRED SIXTY-NINE THOUSAND TWO AND 93/100 (\$4,469,002.93)** 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:

**HAMMERSLEY ROAD RESURFACING ASSESSMENT DISTRICT - 2024
CONTRACT NO. 8762**

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 10th day of January, 2024

Countersigned:

Vicki Acker
Witness
[Signature]
Secretary

CAPITOL UNDERGROUND, INC.
Company Name (Principal)
Maureen J. Maraske
President Seal

Western Surety Company
Surety Seal
 Salary Employee Commission
By *Tracy M. Krause*
Attorney-in-Fact Tracy M. Krause

This certifies that I have been duly licensed as an agent for the above company in Wisconsin under National Producer Number 8996012 for the year 2024, and appointed as attorney-in-fact with authority to execute this payment and performance bond which power of attorney has not been revoked.

January 10, 2024
Date

Tracy M. Krause
Agent Signature

The foregoing Bond has been approved as to form:

1/26/2024
Date

Michael Haas
City Attorney

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Travis J Schreiber, Tracy M Krause, Becky Jo Sawall, Individually

of Madison, WI, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the Authorizing By-Laws and Resolutions printed at the bottom of this page, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 1st day of November, 2023.



WESTERN SURETY COMPANY

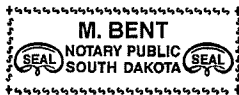
Larry Kasten, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 1st day of November, 2023, before me personally came Larry Kasten, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

March 2, 2026



M. Bent, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law and Resolutions of the corporation printed below this certificate are still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 10th day of January, 2024.



WESTERN SURETY COMPANY

L. Nelson, Assistant Secretary

Authorizing By-Laws and Resolutions

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

This Power of Attorney is signed by Larry Kasten, Vice President, who has been authorized pursuant to the above Bylaw to execute power of attorneys on behalf of Western Surety Company.

This Power of Attorney may be signed by digital signature and sealed by a digital or otherwise electronic-formatted corporate seal under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 27th day of April, 2022:

“RESOLVED: That it is in the best interest of the Company to periodically ratify and confirm any corporate documents signed by digital signatures and to ratify and confirm the use of a digital or otherwise electronic-formatted corporate seal, each to be considered the act and deed of the Company.”

Go to www.cnasurety.com > Owner / Obligee Services > Validate Bond Coverage, if you want to verify bond authenticity.