



CITY OF GRAND JUNCTION, COLORADO

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CONTRACT

This CONTRACT made and entered into this 27th day of December 2023 by and between the City of Grand Junction, Colorado, a government entity in the County of Mesa, State of Colorado, hereinafter in the Contract Documents referred to as the "Owner" and M. A. Concrete Construction, Inc., hereinafter in the Contract Documents referred to as the "Contractor."

WITNESSETH:

WHEREAS, the Owner advertised that sealed Responses would be received for furnishing all labor, tools, supplies, equipment, materials, and everything necessary and required for the Project described by the Contract Documents and known as F 1/2 Road Parkway – Phase 1 IFB-5325-23-DD.

WHEREAS, the Contract has been awarded to the above-named Contractor by the Owner, and said Contractor is now ready, willing, and able to perform the Work specified in the Notice of Award, in accordance with the Contract Documents.

NOW, THEREFORE, in consideration of the compensation to be paid the Contractor, the mutual covenants hereinafter set forth and subject to the terms hereinafter stated, it is mutually covenanted and agreed as follows:

ARTICLE 1

Contract Documents: It is agreed by the parties hereto that the following list of instruments, drawings, and documents which are attached hereto, bound herewith, or incorporated herein by reference constitute and shall be referred to either as the "Contract Documents" or the "Contract", and all of said instruments, drawings, and documents taken together as a whole constitute the Contract between the parties hereto, and they are fully a part of this agreement as if they were set out verbatim and in full herein:

The order of contract document governance shall be as follows:

- The body of this Contract Agreement
- Solicitation Documents for the Project including Addendum; **F 1/2 Road Parkway – Phase 1 IFB-5325-23-DD**
- Notice of Award
- Contractor’s Response to the Solicitation
- Work Change Requests (directing that changed work be performed);
- Field Orders;
- Change Orders.

ARTICLE 2

Definitions: The clauses provided in the Solicitation apply to the terms used in the Contract and all the Contract Documents.

### ARTICLE 3

Contract Work: The Contractor agrees to furnish all labor, tools, supplies, equipment, materials, and all that is necessary and required to complete the tasks associated with the Work described, set forth, shown, and included in the Contract Documents as indicated in the Solicitation Document.

### ARTICLE 4

Contract Time and Liquidated Damages: Time is of the essence with respect to this Contract. The Contractor hereby agrees to commence Work under the Contract on or before the date specified in the Solicitation from the Owner, and to achieve Substantial Completion and Final Completion of the Work within the time or times specified in the Solicitation. In the event the Work is not completed in the times set forth and as agreed upon, the Contractor further agrees to pay Liquidated Damages to the Owner as set forth in the Solicitation. The Contractor acknowledges and recognizes the delays, expenses and difficulties involved in proving in a legal proceeding the actual losses suffered by the Owner if the work is not completed on time. Accordingly, instead of requiring any such proof, the Owner and the Contractor agree that as Liquidated Damages for delay, but not as a penalty, the Contractor shall pay to the Owner the amounts specified in the Solicitation.

### ARTICLE 5

Contract Price and Payment Procedures: The Contractor shall accept as full and complete compensation for the performance and completion of all of the Work specified in the Contract Documents, **the Lump Sum Amount of Nine Million, Nine Hundred, Eighty-Seven Thousand, One Hundred, Thirty-Nine and 09/100 Dollars (\$9,987,139.09)**. If this Contract contains unit price pay items, the Contract price shall be adjusted in accordance with the actual quantities of items completed and accepted by the Owner at the unit prices quoted in the Solicitation Response. The amount of the Contract Price is and has heretofore been appropriated by the Grand Junction City Council for the use and benefit of this Project. The Contract Price shall not be modified except by Change Order or other written directive of the Owner. The Owner shall not issue a Change Order or other written directive which requires additional work to be performed, which work causes the aggregate amount payable under this Contract to exceed the amount appropriated for this Project, unless and until the Owner provides Contractor written assurance that lawful appropriations to cover the costs of the additional work have been made.

Unless otherwise provided in the Solicitation, monthly partial payments shall be made as the Work progresses. Applications for partial and Final Payment shall be prepared by the Contractor and approved by the Owner in accordance with the Solicitation.

Upon Final Completion of the Work under the Contract and before the Contractor shall receive final payment, the Owner shall publish at least twice in a newspaper of general circulation published in the County a notice that: 1. the Owner has accepted such Work as completed according to the Contract Documents; 2. the Contractor is entitled to final

payment therefore; 3. Thirty (30) days after the first publication, specifying the exact date, the Owner shall pay the full balance due under the Contract; and 4. persons having claims for labor, materials, team hire, sustenance, provisions, provender, or other supplies used or consumed by the Contractor or a Sub-Contractor shall file a verified statement of the amount due and unpaid on account of such claim prior to the date specified for such payment. Nothing herein shall be construed as relieving the Contractor and the Sureties on the Contractor's Bonds from any claim or claims for work or labor done or materials or supplies furnished in the execution of the Contract.

#### ARTICLE 6

Bonds: The Contractor shall furnish currently herewith the Bonds required by the Contract Documents; such Bonds being attached hereto. The Performance Bond shall be in an amount not less than one hundred percent (100%) of the Contract Price set forth in Article 5. The Payment Bond shall be in an amount not less than one hundred percent (100%) of the Contract Price set forth in Article 5.

#### ARTICLE 7

Contract Binding: The Owner and the Contractor each bind itself, its partners, successors, assigns and legal representatives to the other party hereto in respect to all covenants, agreements and obligations contained in the Contract Documents. The Contract Documents constitute the entire agreement between the Owner and Contractor and may only be altered, amended, or repealed by a duly executed written instrument. Neither the Owner nor the Contractor shall, without the prior written consent of the other, assign or sublet in whole or in part its interest under any of the Contract Documents and specifically, the Contractor shall not assign any moneys due or to become due without the prior written consent of the Owner.

#### ARTICLE 8

Severability: If any part, portion or provision of the Contract shall be found or declared null, void or unenforceable for any reason whatsoever by any court of competent jurisdiction or any governmental agency having the authority thereover, only such part, portion or provision shall be affected thereby and all other parts, portions and provisions of the Contract shall remain in full force and effect.

IN WITNESS WHEREOF, City of Grand Junction, Colorado, has caused this Contract to be subscribed and sealed and attested in its behalf; and the Contractor has signed this Contract the day and the year first mentioned herein.

The Contract is executed in two counterparts.

**CITY OF GRAND JUNCTION, COLORADO**

DocuSigned by:  
By: Duane Hoff Jr.  
Duane Hoff, Jr. Contracts Administrator

12/27/2023  
Date

**M. A. Concrete Construction, Inc.**

DocuSigned by:  
By: Andy Azcarraga  
Andy Azcarraga - Vice President

12/27/2023  
Date





Purchasing Division

## Invitation for Bid

IFB-5325-23-DD

F ½ Road Parkway Phase 1

### Responses Due:

December 5, 2023, Prior to 2:00 PM

**Accepting Electronic Responses Only**  
**Responses Only Submitted Through the Rocky Mountain E-Purchasing**  
**System (RMEPS)**

[www.bidnetdirect.com/colorado](http://www.bidnetdirect.com/colorado)

(Purchasing Representative does not have access or control of the vendor side of RMEPS. If website or other problems arise during response submission, vendor **MUST** contact RMEPS to resolve issue prior to the response deadline. 800-835-4603)

**NOTE: All City Solicitation openings will continue to be held virtually.**

### **Purchasing Representative:**

Dolly Daniels, Senior Buyer; Acting as Purchasing Agent

[dollyd@gjcity.org](mailto:dollyd@gjcity.org)

970-256-4048



**NOTICE OF AWARD**

Date: December 27, 2023  
Company: M.A. Concrete Construction, Inc.  
Project: F 1/2 Road Parkway – Phase 1 IFB-5325-23-DD

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You have been awarded the City of Grand Junction Contract for F 1/2 Road Parkway – Phase 1 for a lump sum negotiated fee of **\$9,987,139.09**.

Please notify Brendan Hines, Project Engineer at 970-256-4038 or [brendanh@gjcity.org](mailto:brendanh@gjcity.org) for project scheduling and return to the City Purchasing Division an acknowledged copy of this Notice of Award, signed Contract and Insurance Certificate, as per the Contract Documents.

CITY OF GRAND JUNCTION, COLORADO

DocuSigned by:  
*Duane Hoff Jr.*  
9F789E7D50F14BC...  
Duane Hoff, Jr. Contracts Administrator

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**SUPPLIER ACKNOWLEDGEMENT**

Receipt of this Notice to Award is hereby acknowledged:

Company: M.A. Concrete Construction, Inc.  
By: DocuSigned by:  
*Andy Azcarraga*  
B79F568890F14D5...  
Title: project manager  
Date: 12/27/2023

# **Invitation for Bids**

## **Table of Contents**

Section 1	Instruction to Bidders
Section 2	General Contract Conditions
Section 3	Statement of Work
Section 4	Contractor's Bid Form <ul style="list-style-type: none"><li>• Price Bid Schedule Form</li></ul>

### **Appendixes (Click on Links in Section 3.5 for Access)**

Appendix A	Project Manual <ul style="list-style-type: none"><li>• Project Special Provisions</li><li>• Ute Water Specifications</li><li>• Landscape and Irrigation Specifications (by Kaart Planning)</li><li>• Electrical Specifications (by ACM Consulting)</li></ul>
Appendix B	Geotechnical Investigation Report by RockSol Consulting, Group
Attachments	Construction Drawings Landscape Drawings Irrigation Drawings

# **1. Instructions to Bidders**

**NOTE:** It is the Contractor's responsibility to read and review all Solicitation documentation in its entirety, and to ensure that it has a clear and complete understanding of not only the scope, specifications, project requirements, etc., but also all other requirements, instructions, rules, regulations, laws, conditions, statements, procurement policies, etc. that are associated with the Solicitation process and project/services being solicited.

**1.1 A.D.A Document Compliance Requirements:** All work documents, and/or bid/proposal documents submitted, as a result of this Solicitation must comply with all applicable provisions of §§24-85-101, C.R.S., et seq., and the Accessibility Standards for Individuals with a Disability, as established by the Office Of Information Technology according to Section §24-85-103 (2.5), C.R.S. and 3) all State of Colorado technology standards related to technology accessibility and with Level A.A. of the most current version of the Web Content Accessibility Guidelines (WCAG), incorporated in the State of Colorado technology standards.

**1.2 Issuing Office:** This Invitation for Bid (IFB) is issued by the City of Grand Junction. All contact regarding this IFB is to be directed to:

Dolly Daniels; Purchasing Agent  
[dollyd@gjcity.org](mailto:dollyd@gjcity.org)

With the exception of Pre-Bid or Site Visit Meeting(s) all questions, inquiries, comments, or communication pertaining to this Solicitation (whether process, specifications, scope, etc.) must be directed (in writing) to the Purchasing Agent. Other communication may result in disqualification.

**1.3 Non-Mandatory Pre-Bid Meeting:** Prospective Bidders are encouraged to attend a non-mandatory pre-bid meeting. **The meeting will be held at the City Hall Auditorium located at 250 N. 5<sup>th</sup> St on Thursday, November 16, 2023, at 11:00 AM.** The purpose of this meeting will be to inspect and to clarify the contents of this Invitation for Bids (IFB).

**1.4 Prequalification Requirement:** Contractors submitting bids over \$500,000 must be pre-qualified in accordance with the City's "*Contractors Prequalification Application*". All bids received by the specified time will be opened, but the City will reject bids over \$500,000 from contractors who have not been prequalified. Application forms for prequalification are available by clicking the [Application Link](#) Call 970-256-4082 for additional information. Due to the time required to process applications, all applications must be submitted no later than the application due date stated in the Solicitation document. Contractors may view its approved pre-qualified categories by clicking the [Pre-Qualification List Link](#).

**1.5 Purpose:** The City of Grand Junction (City) is soliciting competitive bids from qualified and interested Contractors for all labor, equipment, and materials required for the F ½ Road PKWY Phase 1 Project. All dimensions and Scope of Work shall be verified by Contractors prior to submission of bids.

- 1.6 **The Owner:** The Owner is the City and is referred to throughout this Solicitation. The term Owner means the Owner or its authorized representative.
- 1.6 **Compliance:** All Bidders, by submitting a bid, agree to comply with all conditions, requirements, and instructions of this IFB as stated or implied herein. Should the Owner omit anything which is necessary to clear understanding of the requirements, or should it appear that various instructions are in conflict, the Bidder(s) shall secure instructions from the Purchasing Agent prior to submittal deadline.
- 1.7 **Procurement Process:** The most current version of the City [Purchasing Policy and Procedure Manual](#) is contracting and applies to this Solicitation.
- 1.8 **Submission:** *Each bid shall be submitted in electronic format only, and only through the Rocky Mountain E-Purchasing website ([www.bidnetdirect.com/colorado](http://www.bidnetdirect.com/colorado)).* *This site offers both “free” and “paying” registration options that allow for full access of the Owner’s documents and for electronic submission of bids.* (Note: “free” registration may take up to 24 hours to process. Please Plan accordingly.) Please view our “**Electronic Vendor Registration Guide**” at <https://co-grandjunction.civicplus.com/501/Purchasing-Bids> for details. (Purchasing Representative does not have access or control of the vendor side of RMEPS. If the website or other problems arise during response submission, the vendor **MUST** contact RMEPS to resolve the issue prior to the response deadline **800-835-4603**).

Bids shall be formatted as directed in Section 4.0, Contractor’s Bid Form and Price Bid Schedule. Submittals that fail to follow this format may be ruled nonresponsive. *The uploaded response shall be a single PDF document with all required information included.*

The virtual bid opening can be accessed by the following means:

**Bid Opening for F 1/2 Road Parkway Phase 1  
Dec 5, 2023, 2:00 – 2:30 PM (America/Denver)**

Please join my meeting from your computer, tablet, or smartphone.

<https://meet.goto.com/979582053>

You can also dial in using your phone.

Access Code:

979-582-053

United States:

+1 (571) 317-3112

Join from a video-conferencing room or system.

Meeting ID:

979-582-053

Dial in or type:

67.217.95.2 or [inroomlink.goto.com](http://inroomlink.goto.com)

Or dial directly:

979582053@67.217.95.2 or 67.217.95.2##979582053

Get the app now and be ready when your first meeting starts:

<https://meet.goto.com/install>

**1.9 Modification and Withdrawal of Bids Before Opening** Bids may be modified or withdrawn in writing by the Bidder, duly executing and submitting to the place where Bids are to be submitted at any time prior to Bid Opening.

**1.10 Form for Price Bid:** All Price Bids must be made upon the Price Bid Schedule attached and state the amounts both in words and in figures and must be signed and acknowledged by the Bidder.

The Bidder shall specify a unit price in figures for each pay item for which a quantity is given and shall provide the products (in numbers) of the respective unit prices and quantities in the Extended Amount column. The total Bid price shall be equal to the sum of all extended amount prices. When an item in the Price Bid Schedule provides a choice to be made by the Bidder, Bidder's choice shall be indicated in accordance with the specifications for that particular item and thereafter no further choice shall be permitted.

Where the unit of a pay item is lump sum, the lump sum amount shall be shown in the "extended amount" column and included in the summation of the total Bid.

All blank spaces in the Price Bid Schedule must be properly filled out.

Bids by Corporations must be executed in the corporate name by the president or vice president, or other business officer accompanied by evidence of authority to sign. The entity address and state of organization of the entity shall be shown below the signature. All names must be typed or printed below the signature.

Bids by partnerships must be executed in the partnership name and signed by a partner whose title must appear under the signature and the official address of the partnership must be shown below the signature.

The Bidder's Bid shall contain an acknowledgement of receipt of all Addenda, the numbers of which shall be filled in on the Contractor's Bid Form.

The contact information to which communications regarding the Bid are to be directed must be shown.

**1.11 Exclusions:** No oral, telephonic, emailed, or facsimile bid will be considered.

**1.12 Contract Documents:** The complete IFB and Bidder's response compose the Contract Documents. Copies of bid documents can be obtained from the City Purchasing website, <https://co-grandjunction.civicplus.com/501/Purchasing-Bids> .

**1.13 Additional Documents:** The July 2010 edition of the "City Standard Contract Documents for Capital Improvements Construction", Plans, Specifications and other Bid Documents are available for review or download on the Purchasing Bids page at <https://co-grandjunction.civicplus.com/501/Purchasing-Bids>.

**1.14 Definitions and Terms:** See Article I, Section 3 of the General Contract Conditions in the *Standard Contract Documents for Capital Improvements Construction*.



**1.15 Examination of Specifications:** Bidders shall thoroughly examine and be familiar with the Project Statement of Work. The failure or omission of any Bidder to receive or examine any form, addendum, or other document shall in no way relieve any Bidder from any obligation with respect to its bid. The submission of a bid shall be taken as evidence of compliance with this section. Prior to submitting a bid, each Bidder shall, at a minimum:

- a. Examine the *Contract Documents* thoroughly, and;
- b. Visit the site to familiarize itself with local conditions that may in any manner affect cost, progress, or performance of the Work, and;
- c. Study and carefully correlate Bidder's observations with the *Contract Documents*, and;
- d. Notify the Purchasing Agent of all conflicts, errors, ambiguities, or discrepancies in or among the *Contract Documents* within the designated inquiry period.

On request, the Owner will provide each Bidder access to the site to conduct such investigations and tests as each Bidder deems necessary for submission of a Bid. It shall be the Bidder's responsibility to make or obtain any additional examinations, investigations, explorations, tests and studies and obtain any additional information and data which pertain to the physical conditions (including without limitation, surface, subsurface and underground utilities) at or contiguous to the site or otherwise which may affect cost, progress or performance of the Work and which the Bidder deems necessary to determine its Bid for performing the Work in accordance with the time, price and other terms and conditions of the *Contract Documents*.

The lands upon which the Work is to be performed, rights of way, and access thereto, and other lands designated for use by Contractor in performing the Work, are identified on the Drawings.

Information and data reflected in the *Contract Documents* with respect to underground utilities at or contiguous to the site are based upon information and data furnished to the Owner and the Engineer by the owners of such underground utilities or others, and the Owner does not assume responsibility for the accuracy or completeness thereof, unless it is expressly provided otherwise in the *Contract Documents*.

By submission of a Bid, the Bidder shall be conclusively presumed to represent that the Bidder has complied with every requirement of these Instructions to Bidders, that the *Contract Documents* are not ambiguous and are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance of the Work.

**1.16 Questions Regarding Statement of Work:** Any information relative to interpretation of Scope of Work or specifications shall be requested of the Purchasing Agent, in writing, in ample time, prior to the inquiry deadline.

- 1.17 Addenda & Interpretations:** If it becomes necessary to revise any part of this Solicitation, a written addendum will be posted electronically on the City's website at <https://co-grandjunction.civicplus.com/501/Purchasing-Bids>. The Owner is not bound by any oral representations, clarifications, or changes made in the written specifications by Owner, unless such clarification or change is provided in written addendum form from the City Purchasing Agent.
- 1.18 Taxes:** The Owner is exempt from State, County, and Municipal Sales Tax and Federal Excise Tax, therefore, all fees and costs should not include taxes.
- 1.19 Sales and Use Taxes:** The Contractor and all Subcontractors are required to obtain exemption certificates from the Colorado Department of Revenue for sales and use taxes in accordance with the provisions of the General Contract Conditions, Section XVI "Taxes". Bids shall reflect this method of accounting for sales and use taxes on materials, fixtures, and equipment.
- 1.20 Offers Binding 60 Days:** Unless additional time is required by the Owner, or otherwise specified, all formal offers submitted shall be binding for sixty (60) calendar days following opening date, unless the Bidder, upon request of the Purchasing Agent, agrees to an extension.
- 1.21 Exceptions and Substitutions:** All bids meeting the intent of this IFB shall be considered for award. A Bidder taking exception to the specifications does so at the Bidder's risk. The Owner reserves the right to accept or reject any or all substitutions or alternatives. When offering substitutions and/or alternatives, Bidder must state any exception(s) in the section to which the exception(s) pertain. Exception/substitution, if accepted, must meet, or exceed the stated intent and/or specifications. The absence of stated exception(s) indicates that the Bidder has not taken exception, and if awarded a Contract shall hold the Bidder responsible to perform in strict accordance with the specifications or scope of the bid and Contract Documents.
- 1.22 Collusion Clause:** Each Bidder by submitting a bid certifies that it is not party to any collusive action or any action that may be in violation of the Sherman Antitrust Act. Any and all bids shall be rejected if there is evidence or reason for believing that collusion exists among Bidders. The Owner may, or may not, accept future bids for the same Work or commodities from participants in such collusion.
- 1.23 Disqualification of Bidders:** A Bid will not be accepted from, nor shall a Contract be awarded to, any person, Contractor, or corporation that is in arrears to the Owner, upon debt or Contract, or that has defaulted, as surety or otherwise, upon any obligation to the Owner, or that is deemed irresponsible or unreliable.

Bidders may be required to submit satisfactory evidence of responsibility, have a practical knowledge of the project bid upon and that has the necessary financial and other resources to complete the proposed Work.

Either of the following reasons, without limitation, shall be considered sufficient to disqualify a Bidder and Bid:

- a. More than one Bid is submitted for the same Work from an individual, Contractor, or corporation under the same or different name: and
- b. Evidence of collusion among Bidders. Any participant in such collusion shall not receive recognition as a Bidder for any future Work of the Owner until such participant has been reinstated as a qualified Bidder.

**1.24 Public Disclosure Record:** If the Bidder has knowledge of its employee(s) or sub-contractors having an immediate family relationship with an Owner employee or elected official, the Bidder must provide the Purchasing Agent with the name(s) of the individuals. The individuals are required to file a “Public Disclosure Record”, a statement of financial interest, before conducting business with the Owner.

## **2. General Contract Conditions for Construction Projects**

**2.1 The Contract:** This Invitation for Bid, submitted documents, and any negotiations, when properly accepted by the Owner, shall constitute an enforceable Contract equally binding between the Owner and Contractor. The Contract represents the entire and integrated agreement between the Owner and the Contractor and supersedes all prior negotiations, representations, or agreements, either written or oral including the bid documents. The Contract may be amended or modified with Change Orders, Field Orders, or Addendums.

**2.2. The Work:** The term Work includes all labor necessary to construct the Project required by the Contract Documents, and all materials and equipment incorporated or to be incorporated in such construction.

**2.3. Execution, Correlation, Intent, and Interpretations:** The Contract Documents shall be signed by the Owner and Contractor. By executing the Contract, the Contractor represents that it has familiarized itself with the local conditions under which the Work is to be performed and correlated its observations with the requirements of the Contract Documents. The Contract Documents are complementary, and what is required by anyone, shall be as binding as if required by all. The intention of the Contract Documents is to include all labor, materials, equipment, services, and other items necessary for the proper execution and completion of the Scope of Work as defined in the technical specifications and drawings contained herein. All drawings, specifications and copies furnished by the Owner are, and shall remain, Owner property. It is not to be used on any other project.

**2.4. The Owner:** The Owner is the City and is referred to throughout the Contract Documents. The term Owner means the Owner or its authorized representative. The Owner shall, at all times, have access to the Work wherever it is in preparation and progress. The Contractor shall provide facilities for such access. The Owner will make periodic visits to the site to familiarize itself generally with the progress and quality of Work and to determine, in general, if the Work is proceeding in accordance with the Contract Documents. Based on such observations and the Contractor’s Application for Payment, the Owner will determine the amounts owing to the Contractor and will issue Certificates for Payment in such amounts as provided in the Contract. The Owner will have authority

to reject Work which does not conform to the Contract Documents. Whenever, in its reasonable opinion, it considers it necessary or advisable to ensure the proper implementation of the intent of the Contract Documents, it will have authority to require the Contractor to stop the Work or any portion, or to require special inspection or testing of the Work, whether or not such Work can be then be fabricated, installed, or completed. The Owner will not be responsible for the acts or omissions of the Contractor, and Sub-Contractor, or any of its agents or employees, or any other persons performing any of the Work.

- 2.5. Contractor:** The Contractor is the person or organization identified as such in the Agreement and is referred to throughout the Contract Documents. The term Contractor means the Contractor or its authorized representative. The Contractor shall carefully study and compare the General Contract Conditions of the Contract, Specification and Drawings, Scope of Work, Addenda and Modifications and shall at once report to the Owner any error, inconsistency, or omission it may discover. Contractor shall not be liable to the Owner for any damage resulting from such errors, inconsistencies, or omissions. The Contractor shall not commence Work without clarifying Drawings, Specifications, or Interpretations.
- 2.6. Sub-Contractors:** A Sub-Contractor is a person or organization that has a direct Contract with the Contractor to perform any of the Work at the site. The term Sub-Contractor is referred to throughout the Contract Documents and means a Sub-Contractor or its authorized representative.
- 2.7. Award of Sub-Contractors & Other Contracts for Portions of the Work:** Contractor shall submit with its bid response to the Owner, in writing for acceptance, a list of the names of the sub-contractors or other persons or organizations proposed for such portions of the Work as may be designated in the bid requirements, or, if none is so designated, the names of the sub-contractors proposed for the principal portions of the Work. Prior to the award of the Contract, the Owner shall notify the successful Contractor in writing if, after due investigation, has reasonable objection to any person or organization on such list. If, prior to the award of the Contract, the Owner has a reasonable and substantial objection to any person or organization on such list and refuses in writing to accept such person or organization, the successful Contractor may, prior to the award, withdraw its bid without forfeiture of bid security. If the successful Contractor submits an acceptable substitute with an increase in the proposed price to cover the difference in cost occasioned by the substitution, the Owner may, at its discretion, accept the increased bid or may disqualify the Contractor. If, after the award, the Owner refuses to accept any person or organization on such list, the Contractor shall submit an acceptable substitute and the Contract sum shall be increased or decreased by the difference in cost occasioned by such substitution and an appropriate Change Order shall be issued. No increase in the Contract sum shall be allowed for any such substitution unless the Contractor has acted promptly and responsively in submitting a name with respect thereto prior to the award.
- 2.8. Quantities of Work and Unit Price:** Materials or quantities stated as unit price items in the Bid are supplied only to give an indication of the general scope of the Work, and are, as such, estimates only. The Owner does not expressly or by implication agree that the actual amount of Work or material will correspond therewith and reserves the right after



award to increase or decrease the quantity of any unit item of the Work without a change in the unit price except as set forth in Article VIII, Section 70 of the *General Contract Conditions*. The City also reserves the right to make changes in the Work (including the right to delete any bid item in its entirety or add additional bid items) as set forth in Article VIII, Sections 69 through 71 of the *General Contract Conditions*.

- 2.9. Substitutions:** The materials, products and equipment described in the *Solicitation Documents* shall be regarded as establishing a standard of required performance, function, dimension, appearance, or quality to be met by any proposed substitution. No substitution will be considered prior to receipt of Bids unless the Bidder submits a written request for approval to the Purchasing Agent at least ten (10) days prior to the date for receipt of Bids. Such requests for approval shall include the name of the material or equipment for which substitution is sought and a complete description of the proposed substitution including drawings, performance and test data, and other information necessary for evaluation, including samples if requested. The Bidder shall set forth changes in other materials, equipment, or other portions of the Work including changes of the Work of other Contracts which incorporation of the proposed substitution would require to be included. The Owner's decision of approval or disapproval of a proposed substitution shall be final. If the Owner approves a proposed substitution before receipt of Bids, such approval will be set forth in an Addendum. Bidders shall not rely upon approvals made in any other manner.
- 2.10. Supervision and Construction Procedures:** The Contractor shall supervise and direct the Work, using its best skill and attention. It shall be solely responsible for all construction means, methods, techniques, sequences, and procedures and for coordinating all portions of the Work under the Contract.
- 2.11. Warranty:** The Contractor warrants to the Owner that all materials and equipment furnished under the Contract will be new unless otherwise specified, and that all Work will be of good quality, free from faults and defects and in conformance with the Contract Documents. All Work not conforming to these standards may be considered defective. If required by Owner, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment. If within ten (10) days after written notice to the Contractor requesting such repairs or replacement, the Contractor should neglect to make or undertake with due diligence to the same, the City may make such repairs or replacements. All indirect and direct costs of such correction or removal or replacement shall be at the Contractor's expense. The Contractor will also bear the expenses of making good all Work of others destroyed or damaged by the correction, removal, or replacement of its defective Work.
- 2.12. Permits, Fees, & Notices:** The Contractor shall secure and pay for all permits, fees, and licenses necessary for the proper execution and completion of the Work. The Contractor shall give all notices and comply with all laws, ordinances, rules, regulations, and orders of any public authority, including the City, bearing on the performance of the Work. If the Contractor observes that any of the Contract Documents are at variance in any respect, it shall promptly notify the Purchasing Agent in writing, and any necessary changes shall be adjusted. If the Contractor performs any Work knowing it to be contrary to such laws, ordinances, rules, and regulations, and without such notice to the Owner, it shall assume full responsibility and shall bear all costs attributable to the non-conforming Work.

- 2.13. Responsibility for Those Performing the Work:** The Contractor shall be responsible to the Owner for the acts and omissions of all its employees and all sub-contractors, its agents and employees, and all other persons performing any of the Work under a Contract with the Contractor.
- 2.14. Use of the Site:** The Contractor shall confine operations at the site to areas permitted by law, ordinances, permits and the Contract Documents, and shall not unreasonably encumber the site with any materials or equipment.
- 2.15. Cleanup:** The Contractor at all times shall keep the premises free from accumulation of waste materials or rubbish caused by its operations. At the completion of Work, it shall remove all its waste materials and rubbish from and about the project, as well as all its tools, construction equipment, machinery, and surplus materials.
- 2.16. Insurance Requirements:** The selected Contractor agrees to procure and maintain, at its own cost, policies of insurance sufficient to insure against all liability, claims, demands, and other obligations assumed by the Contractor pursuant to the Contract. Such insurance shall be in addition to any other insurance requirements imposed by the Contract and/or by law. The Contractor shall not be relieved of any liability, claims, demands, or other obligations assumed pursuant to the Contract by reason of its failure to procure or maintain insurance in sufficient amounts, durations, or types.

Contractor shall procure and maintain and, if applicable, shall cause any Sub-contractor of the Contractor to procure and maintain insurance coverage listed below. Such coverage shall be procured and maintained with forms and insurers acceptable to Owner. All coverage shall be continuously maintained to cover all liability, claims, demands, and other obligations assumed by the Contractor pursuant to the Contract. In the case of any claims-made policy, the necessary retroactive dates and extended reporting periods shall be procured to maintain such continuous coverage. Minimum coverage limits shall be as indicated below unless specified otherwise in the Special Conditions:

(a) Worker Compensation: Contractor shall comply with all State of Colorado Regulations concerning Workers' Compensation insurance coverage.

(b) General Liability insurance with minimum limits of:

ONE MILLION DOLLARS (\$1,000,000) each occurrence and  
ONE MILLION DOLLARS (\$1,000,000) per job aggregate.

The policy shall be applicable to all premises, products, and completed operations. The policy shall include coverage for bodily injury, broad form property damage (including completed operations), personal injury (including coverage for contractual and employee acts), blanket contractual, products, and completed operations. The policy shall include coverage for explosion, collapse, and underground (XCU) hazards. The policy shall contain a severability of interests' provision.

(c) Comprehensive Automobile Liability insurance with minimum limits for bodily injury and property damage of not less than:



ONE MILLION DOLLARS (\$1,000,000) each occurrence and  
ONE MILLION DOLLARS (\$1,000,000) aggregate

(d) Professional Liability & Errors and Omissions Insurance policy with a minimum of:

ONE MILLION DOLLARS (\$1,000,000) per claim

This policy shall provide coverage to protect the City against liability incurred as a result of the professional Services performed as a result of responding to this Solicitation. With respect to each of Contractors owned, hired, or non-owned vehicles assigned to be used in performance of the Work. The policy shall contain a severability of interest provision.

**2.16.1 Additional Insured Endorsement:** The policies required by paragraphs (b), and (c) above shall be endorsed to include the City, its Elected and Appointed Officials, Employees and Volunteers as Additional Insured. Every required policy above shall be primary insurance, and any insurance carried by the Owner, its officers, or its employees, or carried by or provided through any insurance pool of the Owner, shall be excess and not contributory insurance to that provided by the Contractor. The Contractor shall be solely responsible for any deductible losses under any policy required above.

**2.17. Indemnification:** The Contractor shall defend, indemnify and save harmless the Owner, and all its officers, employees, insurers, and self-insurance pool, from and against all liability, suits, actions, or other claims of any character, name and description brought for or on account of any injuries or damages received or sustained by any person, persons, or property on account of any negligent act or fault of the Contractor, or of any Contractor's agent, employee, Sub-Contractor or supplier in the execution of, or performance under, any Contract which may result from bid award. Contractor shall pay any judgment with cost which may be obtained by and/or against the Owner growing out of or under the performance.

**2.18. Miscellaneous Conditions: Material Availability:** The Contractor must accept responsibility for verification of material availability, production schedules, and other pertinent data prior to submission of bid. It is the responsibility of the Bidder to notify the Owner immediately if materials specified are discontinued, replaced, or not available for an extended period of time.

**2.19. Time:** Time is of the essence with respect to the Project and any other milestones or deadline which are part of the Contract. It will be necessary for each Bidder to satisfy the City of its ability to complete the Work within the Contract time set forth in the Contract Documents. The Contract time is the period of time allotted in the Contract Documents for completion of the Work. The date of commencement of the Work is the date established in a Notice to Proceed. If there is no Notice to Proceed, it shall be the date of the Contract, or such other date as may be established therein, or as established as entered on the Bid Form. The Date of Final Completion of the Work is the date certified by the Owner when all construction, and all other Work including, but not be limited to: testing, QA/QC, receipt of required reports and/or forms, grant requirements (if applicable), punch list items, clean-up, receipt of drawings and/or as-builts, etc., is fully complete, and in accordance with the Contract Documents.

- 2.20. Progress & Completion:** The Contractor shall begin the Work on the Commencement Date as noted on the Notice to Proceed and perform the Work expeditiously with adequate forces to complete the Work within the Contract time/by the Completion date.
- 2.21. Payment & Completion:** The Contract Sum is stated in the Contract and is the total amount payable by the Owner to the Contractor for the performance of the Work under the Contract Documents. Upon receipt of written notice that the Work is ready for final inspection and acceptance and upon receipt of application for payment, the Owner's Project Manager will promptly make such inspection and, when it finds the Work acceptable under the Contract Documents and the Contract fully performed, the Owner shall make payment in the manner provided in the Contract Documents.
- 2.22. Bid Bond:** Each bid shall as a guaranty of good faith on the part of the Offeror be accompanied by a Bid Guaranty consisting of a certified or cashier's check drawn on an approved national bank or trust company in the State of Colorado and made payable without condition to the City; or a **Bid Bond** written by an approved corporate surety in favor of the City. The amount of the Bid Guaranty shall not be less than 5% of the total Bid amount. Once a Bid is accepted and a Contract is awarded, the apparent successful Offeror has ten calendar days to enter into a Contract in the form prescribed and to furnish the bonds with a legally responsible and approved surety. Failure to do so will result in forfeiture of the Bid Guaranty to the City as Liquidated Damages.

Each Offeror shall guarantee its total bid price for a period of sixty (60) Calendar Days from the date of the bid opening.

- 2.23. Performance & Payment Bonds:** The Contractor shall furnish a Performance and a Payment Bond, each in an amount at least equal to that specified for the Contract amount as security for the faithful performance and payment of all Contractor's obligations under the Contract Documents. These bonds shall remain in effect for the duration of the Warranty Period (as specified in the Special Conditions). The Contractor shall also furnish any other bonds that may be required by the Special Conditions. All bonds shall be in the forms prescribed by the Contract Documents and be executed by such sureties as (1) are licensed to conduct business in the State of Colorado and (2) are named in the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (amended) by the Audit Staff, Bureau of Accounts, U.S. Treasury Department. All bonds signed by an agent must be accompanied by a certified copy of the Authority Act. If the surety on any bond furnished by the Contractor is declared bankrupt or becomes insolvent, or its rights to do business in Colorado are terminated, or it ceases to meet the requirements of clauses (1) and (2) of this section, the Contractor shall within five (5) days thereafter substitute another bond and surety, both of which shall be acceptable to the City.
- 2.24. Retention:** The Owner will deduct money from the partial payments in amounts considered necessary to protect the interest of the Owner and will retain this money until after completion of the entire Contract. The amount to be retained from partial payments will be five (5) percent of the value of the completed Work, and not greater than five (5) percent of the amount of the Contract. When the retainage has reached five (5) percent of the amount of

the Contract no further retainage will be made and this amount will be retained until such time as final payment is made.

- 2.25. Liquidated Damages for Failure to Enter Into Contract:** Should the Successful Bidder fail or refuse to enter into the Contract within ten Calendar Days from the issuance of the Notice of Award, the City shall be entitled to collect the amount of such Bidder's Bid Guaranty as Liquidated Damages, not as a penalty but in consideration of the mutual release by the City and the Successful Bidder of all claims arising from the City's issuance of the Notice of Award and the Successful Bidder's failure to enter into the Contract and the costs to award the Contract to any other Bidder, to readvertise, or otherwise dispose of the Work as the City may determine best serves its interest.
- 2.26. Delay Damages for Failure to Meet Project Completion Schedule:** If the Contractor does not achieve Final Completion by the required date, whether by neglect, refusal or any other reason, the Parties agree and stipulate that the Contractor shall pay liquidated damages to the City for each such day that final completion is late. As provided elsewhere, this provision does not apply for delays caused by the City. The date for Final Completion may be extended in writing by the Owner.

The Contractor agrees that as a part of the consideration for the City's awarding of this Contract liquidated damages in the daily amount of **\$2,500.00** is reasonable and necessary to pay for the actual damages resulting from such delay. The parties agree that the real costs and injury to the City for such delay include hard to quantify items such as: additional engineering, inspection and oversight by the City and its agents; additional Contract administration; inability to apply the efforts of those employees to the other Work of the City; perceived inefficiency of the City; citizens having to deal with the construction and the Work, rather than having the benefit of completed Work, on time; inconvenience to the public; loss of reputation and community standing for the City during times when such things are very important and very difficult to maintain.

The Contractor must complete the Work and achieve final completion included under the Bid Schedule in the number of consecutive calendar days after the City gives is written Notice to Proceed. When the Contractor considers the entire Work ready for its intended use, Contractor shall certify in writing that the Work is fully complete. Final Completion date is the date by which the Contractor shall have fully completed all clean-up, and all items that were identified by the City in the inspection for final completion. Unless otherwise stated in the Special Conditions, for purposes of this liquidated damages clause, the Work shall not be finished, and the Contract time shall continue to accrue until the City gives its written Final Acceptance.

If the Contractor shall fail to pay said liquidated damages promptly upon demand thereof after having failed to achieve Final Completion on time, the City shall first look to any retainage or other funds from which to pay said liquidated damages; if retainage or other liquid funds are not available to pay said liquidated damages amounts, the Surety on the Contractor's Performance Bond and Payment Bond shall pay such liquidated damages. In addition, the City may withhold all, or any part of, such liquidated damages from any payment otherwise due the Contractor.

Liquidated damages as provided do not include any sums to reimburse the City for extra costs which the City may become obligated to pay on other Contracts which were delayed or extended because of the Contractor's failure to complete the Work within the Contract Time. Should the City incur additional costs because of delays or extensions to other Contracts resulting from the Contractor's failure of timely performance, the Contractor agrees to pay these costs that the City incurs because of the Contractor's delay, and these payments are separate from and in addition to any liquidated damages.

The Contractor agrees that the City may use its own forces or hire other parties to obtain Final Completion of the Work if the time of completion has elapsed and the Contractor is not diligently pursuing completion. In addition to the Liquidated Damages provided for, the Contractor agrees to reimburse the City for all expenses thus incurred.

- 2.27. Contingency/Force Account/Minor Contract Revisions:** Contingency/Force Account/Minor Contract Revisions Work will be authorized by the Owner's Project Manager and is defined as minor expenses to cover miscellaneous or unforeseen expenses related to the project. The expenses are not included in the Drawings, Specifications, or Scope of Work and are necessary to accomplish the scope of this Contract. Contingency/Force Account/Minor Contract Revisions Authorization will be directed by the Owner through an approved form. Contingency/Force Account/Minor Contract Revisions funds are the property of the Owner and any Contingency/Force Account/Minor Contract Revisions funds, not required for project completion, shall remain the property of the Owner. Contractor is not entitled to any Contingency/Force Account/Minor Contract Revisions funds, that are not authorized by Owner or Owner's Project Manager.
- 2.28. Protection of Persons & Property:** The Contractor shall comply with all applicable laws, ordinances, rules, regulations, and orders of any public authority having jurisdiction for the safety of persons or property or to protect it from damage, injury, or loss. Contractor shall erect and maintain, as required by existing safeguards for safety and protection, and all reasonable precautions, including posting danger signs or other warnings against hazards promulgating safety regulations and notifying owners and users of adjacent utilities. When or where any direct or indirect damage or injury is done to public or private property by or on account of any act, omission, neglect, or misconduct by the Contractor in the execution of the Work, or in consequence of the non-execution thereof by the Contractor, it shall restore, at its own expense, such property to a condition similar or equal to that existing before such damage or injury was done, by repairing, rebuilding, or otherwise restoring as may be directed, or it shall make good such damage or injury in an acceptable manner.
- 2.29. Changes in the Work:** The Owner, without invalidating the Contract, may order changes in the Work within the general scope of the Contract consisting of additions, deletions or other revisions, the Contract sum and the Contract time being adjusted accordingly. All such changes in the Work shall be authorized by Change Order and shall be executed under the applicable conditions of the contract documents. A Change Order is a written order to the Contractor signed by the Owner issued after the execution of the Contract, authorizing a change in the Work or an adjustment in the contract sum or the Contract time. The Contract sum and the Contract time may be changed only by Change Order.



- 2.30. Claims for Additional Cost or Time:** If the Contractor wishes to make a claim for an increase in the Contract sum or an extension in the Contract time, it shall give the Owner written notice thereof within a reasonable time after the occurrence of the event giving rise to such claim. This notice shall be given by the Contractor before proceeding to execute the Work, except in an emergency endangering life or property in which case the Contractor shall proceed in accordance with the regulations on safety. No such claim shall be valid unless so made. Any change in the Contract sum or Contract time resulting from such claim shall be authorized by Change Order.
- 2.31. Minor Changes in the Work:** The Owner shall have authority to order minor changes in the Work not involving an adjustment in the Contract sum or an extension of the Contract time and not inconsistent with the intent of the Contract Documents.
- 2.32. Field Orders:** The Owner may issue written Field Orders which interpret the Contract Documents in accordance with the specifications, or which order minor changes in the Work in accordance with the agreement, without change in the Contract sum or time. The Contractor shall carry out such Field Orders promptly.
- 2.33. Uncovering & Correction of Work:** The Contractor shall promptly correct all Work rejected by the Owner as defective or as failing to conform to the Contract Documents whether observed before or after substantial completion and whether or not fabricated installed or competed. The Contractor shall bear all costs of correcting such rejected Work, including the cost of the Owner's additional services thereby made necessary. If within one (1) year after the date of completion or within such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract Documents, any of the Work found to be defective or not in accordance with the Contract documents, the Contractor shall correct it promptly after receipt of a written notice from the Owner to do so unless the Owner has previously given the Contractor a written acceptance of such condition. The Owner shall give such notice promptly after discovery of condition. All such defective or non-conforming Work under the above paragraphs shall be removed from the site where necessary and the Work shall be corrected to comply with the Contract Documents without cost to the Owner. The Contractor shall bear the cost of making good all Work of separate Contractors destroyed or damaged by such removal or correction. If the Owner prefers to accept defective or non-conforming Work, it may do so instead of requiring its removal and correction, in which case a Change Order will be issued to reflect an appropriate reduction in the payment or Contract sum, or, if the amount is determined after final payment, it shall be paid by the Contractor.
- 2.34. Amendment:** No oral statement of any person shall modify or otherwise change, or affect the terms, conditions or specifications stated in the resulting Contract. All amendments to the Contract shall be made in writing by the Owner.
- 2.35. Assignment:** The Contractor shall not sell, assign, transfer or convey any Contract resulting from this IFB, in whole or in part, without the prior written approval from the Owner.
- 2.36. Compliance with Laws:** Bids must comply with all Federal, State, County, and local laws governing its Work and the fulfillment of the Work for and on behalf of the public.

Contractor hereby warrants that it is qualified to assume the responsibilities and render the Work described herein and has all requisite corporate authority and professional licenses in good standing as required by law.

- 2.37 Confidentiality:** All information disclosed by the Owner to the Contractor for the purpose of the Work to be done, or information that comes to the attention of the Contractor during the course of performing such Work, is to be kept strictly confidential.
- 2.38 Conflict of Interest:** No public official and/or City/County employee shall have interest in any Contract resulting from this Invitation for Bid.
- 2.39 Contract Termination:** This Contract shall remain in effect until any of the following occurs: (1) Contract expires; (2) completion of Work; (3) final acceptance of Work or, (4) for convenience terminated by either party with a written *Notice of Cancellation* stating therein the reasons for such cancellation and the effective date of cancellation at least thirty (30) days past notification.
- 2.40 Employment Discrimination:** During the performance of any Work, the Contractor, by submitting a Bid, agrees to the following conditions:
- 2.40.1** The Contractor shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, age, handicap, or national origin except when such condition is a legitimate occupational qualification reasonably necessary for the normal operations of the Contractor. The Contractor agrees to post in conspicuous places, visible to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
- 2.40.2** The Contractor, in all Solicitations or advertisements for employees placed by or on behalf of the Contractor, shall state that such Contractor is an Equal Opportunity Employer.
- 2.40.3** Notices, advertisements, and Solicitations placed in accordance with federal law, rule, or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.
- 2.41 Affirmative Action:** In executing a Contract with the City, the Contractor agrees to comply with Affirmative Action and Equal Employment Opportunity regulations presented in the General Contract Conditions Section 9 "Affirmative Action/EEO.
- 2.42 Immigration Reform and Control Act of 1986 and Immigration Compliance:** The Contractor certifies that it does not and will not during the performance of the Contract employ workers without authorization or otherwise violate the provisions of the Federal Immigration Reform and Control Act of 1986 and/or laws regulating immigration compliance.
- 2.43 Ethics:** The Contractor shall not accept or offer gifts or anything of value nor enter into any business arrangement with any employee, official, or agent of the Owner.



- 2.44. Failure to Deliver:** In the event of failure of the Contractor to perform in accordance with the Contract Documents, the Owner, after due oral or written notice, may procure the Work from other sources and hold the Contractor responsible for any costs resulting in additional Work, materials and/or administration services necessary to perform the Work. This remedy shall be in addition to any other remedies that the Owner may have.
- 2.45. Failure to Enforce:** Failure by the Owner at any time to enforce the provisions of the Contract shall not be construed as a waiver of any such provisions. Such failure to enforce shall not affect the validity of the Contract or any part thereof or the right of the Owner to enforce any provision of the Contract Documents at any time in accordance with the terms thereof.
- 2.46. Force Majeure:** The Contractor shall not be held responsible for failure to perform the duties and responsibilities imposed by the Contract due to legal strikes, fires, riots, rebellions, and acts of God beyond the control of the Contractor, unless otherwise specified in the Contract.
- 2.47. Independent Contractor:** The Contractor shall be legally considered an Independent Contractor and neither the Contractor nor its employees shall, under any circumstances, be considered servants or agents of the Owner. The Owner shall be at no time legally responsible for any negligence or other wrongdoing by the Contractor, its servants, or agents. The Owner shall not withhold from the Contract payments to the Contractor any federal or state unemployment taxes, federal or state income taxes, Social Security, or any other amounts for benefits to the Contractor. Further, the Owner shall not provide to the Contractor any insurance coverage or other benefits, including Workers' Compensation, normally provided by the Owner for its employees.
- 2.48. Nonconforming Terms and Conditions:** A bid that includes terms and conditions that do not conform to the terms and conditions of this Invitation for Bid is subject to rejection as non-responsive. The Owner reserves the right to permit the Contractor to withdraw nonconforming terms and conditions from its bid prior to a determination by the Owner of non-responsiveness based on the submission of nonconforming terms and conditions.

Items for non-responsiveness may include, but not be limited to:

- a. Submission of the Bid on forms other than those supplied by the City;
- b. Alteration, interlineation, erasure, or partial detachment of any part of the forms which are supplied herein;
- c. Inclusion of unauthorized additions conditional or alternate Bids or irregularities of any kind which may tend to make the Bid incomplete, indefinite, or ambiguous as to its meaning;
- d. Failure to acknowledge receipt of any or all issued Addenda;
- e. Failure to provide a unit price or a lump sum price, as appropriate, for each pay item listed except in the case of authorized alternative pay items;
- f. Failure to list the names of Subcontractors used in the Bid preparation as may be required in the Solicitation Documents;

- g. Submission of a Bid that, in the opinion of the Owner, is unbalanced so that each item does not reasonably carry its own proportion of cost or which contains inadequate or unreasonable prices for any item;
- h. Tying of the Bid with any other bid or Contract; and
- i. Failure to calculate Bid prices as described herein.

**2.49. Evaluation of Bids and Bidders:** The Owner reserves the right to:

- Reject any and all Bids,
- Waive any and all informalities,
- Take into account any prompt payment discounts offered by Bidder,
- Negotiate final terms with the Bidder,
- Take into consideration past performance of previous awards/Contracts with the Owner of any Contractor, Vendor, Contractor, Supplier, or Service Provider in determining final award. and
- Disregard any and all nonconforming, nonresponsive, or conditional Bids.

Discrepancies between words and figures will be resolved in favor of words. Discrepancies between Unit Prices and Extended Prices will be resolved in favor of the Unit Prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum. The corrected extensions and totals will be shown in the tabulation of Bids.

The Owner may consider the qualifications and experience of Subcontractors and other persons and organizations (including those who are to furnish the principal items of material or equipment) proposed for those portions of the Work as to which the identity of Subcontractors and other persons and organizations must be submitted. Operating costs, maintenance considerations, performance data, and guarantees of materials and equipment may also be considered by the Owner.

The Owner will conduct such investigations as deemed necessary to assist in the evaluation of any Bid and to establish the responsibility, qualifications, and financial ability of the Bidder, proposed Subcontractors and other persons and organizations to do the Work in accordance with the *Contract Documents* to the City's satisfaction within the Contract Time.

The Bidder shall furnish the Owner all information and data requested by the Owner to determine the ability of the Bidder to perform the Work. The Owner reserves the right to reject the Bid if the evidence submitted by, or investigation of such Bidder fails to satisfy the Owner that such Bidder is properly qualified to carry out the obligations of the Contract and to complete the Work contemplated therein.

By submitting a Bid, each Bidder authorizes the Owner to perform such investigation of the Bidder as the Owner deems necessary to establish the responsibility, qualifications, and financial ability of the Bidder and, by its signature thereon, authorizes the Owner to obtain reference information concerning the Bidder and releases the party providing such information and the Owner from any and all liability to the Bidder as a result of such reference information so provided.

The Owner reserves the right to reject the Bid of any Bidder who does not pass any evaluation to the Owner's satisfaction.

If the Contract is to be awarded, it will be awarded to the Bidder who, by evaluation, the Owner determines will best meet the Owner's interests.

The Owner reserves the right to accept or reject the Work contained in any of the Price Bid Schedules or alternates, either in whole or in part.

**2.50. Award of Contract:** Unless otherwise indicated, a single award will be made for all the bid items in an individual bid schedule. In the event that the Work is contained in more than one Bid Schedule, the City may award Schedules individually or in combination. In the case of two Bid Schedules which are alternative to each other, only one of such alternative Schedules will be awarded. Within forty-five (45) Calendar Days of Bid Opening, the City will issue a Notice of Award to the Successful Bidder which will be accompanied by a Contract electronically submitted via DocuSign for digital signature. Within ten (10) Calendar Days thereafter, the Successful Bidder shall sign and deliver the digitally executed Contract via DocuSign. Performance Bond, Payment Bond, and Certificate of Insurance shall be submitted to the City within ten (10) days of Contract execution. No Contract shall exist between the Successful Bidder and the City and the Successful Bidder shall have no rights at law or in equity until the Contract has been duly executed by the City.

The Successful Bidder's failure to sign and submit a Contract and other documents set forth in this Paragraph within the prescribed time shall be just cause of annulment of the award, and forfeiture of the Bid Guaranty. The award of Contract may then be made to the next qualified Bidder in the same manner as previously prescribed.

**2.51. Ownership:** All plans, prints, designs, concepts, etc., shall become the property of the Owner.

**2.52. Oral Statements:** No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in this document and/or resulting agreement. All modifications to this request and any agreement must be made in writing by the Owner.

**2.53. Patents/Copyrights:** The Contractor agrees to protect the Owner from any claims involving infringements of patent(s) and/or copyright(s). In no event shall the Owner be liable to the Contractor for any claims, damages, awards and/or costs of defense arising on the grounds of patent(s)/copyright(s) infringement. Patent/copyright infringement shall null and void any agreement resulting from response to this Invitation For Bid.

**2.54. Remedies:** The Contractor and Owner agree that both parties have all rights, duties, and remedies available as stated in the Uniform Commercial Code.

**2.55. Venue:** Any agreement as a result of responding to this Invitation For Bid shall be deemed to have been made in, and shall be construed and interpreted in accordance with, the laws of the City of Grand Junction, Mesa County, Colorado.

- 2.56. Expenses:** Expenses incurred in preparation, submission, and presentation of a response to this Invitation For Bid are the responsibility of the Bidder and cannot be charged to the Owner.
- 2.57. Sovereign Immunity:** The Owner specifically reserves its right to sovereign immunity pursuant to Colorado law as a defense to any action arising out of this Contract.
- 2.58. Public Funds/Non-Appropriation of Funds:** Funds for payment have been provided through the Owner's budget approved by the City Council/Board of County Commissioners for the stated fiscal year only. State of Colorado prohibits the obligation and expenditure of public funds beyond the fiscal year for which a budget has been approved. Therefore, anticipated orders or other obligations that may arise past the end of the stated Owner's fiscal year shall be subject to budget approval. The Contract, if any, will be subject to and must contain a non-appropriation of funds clause/limitation on multi-year fiscal obligations as required by Art X, Section 20 of the Colorado Constitution, and other applicable law(s).
- 2.59. Cooperative Purchasing:** Purchases as a result of this Solicitation are primarily for the City/County. Other governmental entities may be extended the opportunity to utilize the resultant Contract award with the agreement of the successful provider and the participating agencies. All participating entities will be required to abide by the specifications, terms, conditions, and pricing established in this Bid. The quantities furnished in this bid document are for only the City/County. It does not include quantities for any other jurisdiction. The City or County will be responsible only for the award for its jurisdiction. Other participating entities will place its own awards on its respective Purchase Orders through its purchasing office or use its purchasing card for purchase/payment as authorized or agreed upon between the provider and the individual entity. The Owner accepts no liability for payment of orders placed by other participating jurisdictions that choose to "piggy-back" on Owner's Solicitation. Orders placed by participating jurisdictions under the terms of this Solicitation will indicate its specific delivery and invoicing instructions.
- 2.60. Keep Jobs in Colorado Act:** Contractor shall be responsible for ensuring compliance with Article 17 of Title 8, Colorado Revised Statutes (C.R.S.) requiring 80% Colorado labor to be employed on public works. Contractor shall, upon reasonable notice provided by the Owner, permit the Owner to inspect documentation of identification and residency required by C.R.S. §8-17-101(2)(a). If Contractor claims it is entitled to a waiver pursuant to C.R.S. §8-17-101(1), Contractor shall state that there is insufficient Colorado labor to perform the Work such that compliance with Article 17 would create an undue burden that would substantially prevent a project from proceeding to completion and shall include evidence demonstrating the insufficiency and undue burden in its response.

Unless expressly granted a waiver by the Owner pursuant to C.R.S. §8-17-101(1), Contractor shall be responsible for ensuring compliance with Article 17 of Title 8, C.R.S. requiring 80% Colorado labor to be employed on public works. Contractor shall, upon reasonable notice provided by the Owner, permit the Owner to inspect documentation of identification and residency required by C.R.S. §8-17-101(2)(a).



**2.60.1.** "Public project" is defined as:

- (a) any construction, alteration, repair, demolition, or improvement of any land, building, structure, facility, road, highway, bridge, or other public improvement suitable for and intended for use in the promotion of the public health, welfare, or safety and any maintenance programs for the upkeep of such projects.
- (b) for which appropriate or expenditure of moneys may be reasonably expected to be \$500,000.00 or more in the aggregate for any fiscal year
- (c) except any project that receives federal moneys.

### **3. Statement of Work**

**3.1 GENERAL:** The City of Grand Junction is soliciting competitive bids from qualified and interested Contractors for all labor, equipment, and materials required for the F 1/2 Road PKWY Phase I Project. All dimensions and scope of work should be verified by Contractors prior to submission of bids.

**The Final Site electrical plan set, specifications and updated bid schedule will be issued in a later Addendum. This Work shall include but may not be limited to: approximately 59 pedestrian light poles and bases, vendor power supply, and all appurtenances associated to complete said Work. The plan set shall also include joint trench detail consisting of Xcel, Century Link, Charter, and City Fiber Conduit mainline and laterals, pull boxes and appurtenances. Joint trench and franchise utility conduit to be installed by others. Common trench (outside utility trench) shall be excavated by Contractor as well as installation of conduit for electrical lines for pedestrian site lighting and City Fiber conduit and laterals, pull boxes and appurtenances. See Electrical Plans (utility detail sheet) for utility trench & common trench details.**

**Total length for the joint trenching is an approximation and is noted within the Bid Schedule. The final length shall be revised up or down and will be reflected within a later Addendum.**

**\*Final Landscaping and Irrigation Plan set & Specifications will be issued in a later Addendum and will affect the Final Bid Schedule.**

NOTE: The descriptions of the pay items listed in the Price Bid Schedule for this Project may not agree with those listed in the Standard Specifications. Payment for all Work performed, as required in the Contract Documents, will be in accordance with the items and units listed in the Price Bid Schedule.

The performance of the Work for this Project shall conform to the General Contract Conditions presented in the City of Grand Junction's Standard Contract Documents for Capital Improvements Construction, revised July 2010, except as specifically modified or supplemented herein or on the Construction Drawings.

**3.2 PROJECT DESCRIPTION:** This Project generally consists of doubling the existing right-of-way and drivable surface of F 1/2 Road between 24 Road and Market Street. The new right-of-way will be expanded to the north, totaling 160-ft, with road

improvements extending to the north approximately 93 feet. The road improvements include a 30-ft median, 16-ft total width for shoulders, 11-ft drive lanes for east and west-bound traffic, curb and gutter, a 12.5-ft landscape strip and a 10-ft wide detached sidewalk. East of the intersection with Market Street, the full 160-ft right-of-way width and roadway elements will continue east through undeveloped land to the intersection with 24 1/2 road, where a modern roundabout will connect F 1/2 Road with 24 1/2 Road. The roundabout will mark the eastern extent of Phase 1 of the F 1/2 Road Parkway Project. In addition to F 1/2 Rd. PKWY, the existing triple-bay 6-ft x 12-ft concrete box culvert for N. Leach Creek will be lengthened to the north by approximately 90-feet to accommodate a wider F 1/2 Road. Minor improvements to 24 1/2 road will be made to accommodate the new roundabout. Approximate quantities are as follows: 31,000 SY of soil reconditioning, 6,100 tons of asphalt pavement, 6,300 SY of concrete pavement, 12,000 LF of curb and gutter, 5,700 SY of concrete sidewalk, 3,300 LF of irrigation piping, 2,900 LF of concrete storm drain piping (or approved equivalent), 1,650 LF of gravity sewer piping, 21,000 LF of electrical conduit, 59 pedestrian lights, 3 water quality control structures, landscaping, and irrigation.

All work shall be completed in accordance with the City of Grand Junction Standard Contract Documents dated July 10, 2010, unless otherwise specified in the project Special Conditions & Provisions.

### 3.3. SPECIAL CONDITIONS & PROVISIONS:

**3.3.1 Non-Mandatory Pre-Bid Meeting:** Prospective Bidders are encouraged to attend a non-mandatory pre-bid meeting. **The meeting will be held at the City Hall Auditorium located at 250 N. 5<sup>th</sup> St on Thursday November 16, 2023, at 11:00 AM.** The purpose of this meeting will be to inspect and to clarify the contents of this Invitation for Bids (IFB).

### 3.3.2 QUESTIONS REGARDING SOLICIATION PROCESS/SCOPE OF WORK:

Dolly Daniels; Senior Buyer/Purchasing Agent  
City of Grand Junction  
[dollyd@gjcity.org](mailto:dollyd@gjcity.org)

**3.3.3 Project Manager:** The Project Manager for the Project is Ellis Thompson, who can be reached at (970) 697-7052. During Construction, all notices, letters, submittals, and other communications directed to the City shall be addressed and emailed or delivered to:

City of Grand Junction  
Attn: Brendan Hines, Project Engineer  
244 N. 7<sup>th</sup> Ave.  
Grand Junction, CO 81501  
[brendanh@gjcity.org](mailto:brendanh@gjcity.org)

**3.3.4 Contract Administrator:** The Contract Administrator for the Project is Duane Hoff Jr., Contract Administrator, who can be reached at (970) 244-1545. During Construction, Contract related inquiries, issues, and other communications shall be directed to:  
Duane Hoff Jr., Contract Administrator  
[duaneh@gjcity.org](mailto:duaneh@gjcity.org)



**3.3.5 Affirmative Action:** The Contractor is not required to submit a written Affirmative Action Program for this Project.

**3.3.6 Pricing:** Pricing shall be all inclusive to include but not be limited to: all labor, equipment, supplies, materials, freight (F.O.B. Destination – Freight Pre-paid and Allowed to each site), travel, mobilization costs, fuel, set-up and take down costs, and full-time inspection costs, and all other costs related to the successful completion of the project.

The Owner shall not pay nor be liable for any other additional costs including but not limited to taxes, shipping charges, insurance, interest, penalties, termination. payments, attorney fees, liquidated damages, etc.

**3.3.7 Freight/Shipping:** All freight/shipping shall be F.O.B. Destination – Freight Pre-Paid and Allowed to the project site(s), Grand Junction, CO. Contractor must meet all federal, state, and local rules, regulations, and requirements for providing such services.

**3.3.8 Contract:** A binding Contract shall consist of: (1) the IFB and any amendments thereto, (2) Additional Documents as stated in Section 1.10, (3) the Bidder's response (bid) to the IFB, (4) clarification of the bid, if any, and (5) the City's Purchasing Department's acceptance of the bid by "Notice of Award" or by "Purchase Order". All Exhibits and Attachments included In the IFB shall be incorporated into the Contract by reference.

A. The Contract expresses the complete agreement of the parties and, performance shall be governed solely by the specifications and requirements contained therein.

B. Any change to the Contract, whether by modification and/or supplementation, must be accomplished by a formal Contract amendment signed and approved by and between the duly authorized representative of the Bidder and the City Purchasing Division or by a modified Purchase Order prior to the effective date of such modification. The Bidder expressly and explicitly understands and agrees that no other method and/or no other document, including acts and oral communications by or from any person, shall be used or construed as an amendment or modification to the Contract.

**3.3.9 Time of Completion:** The scheduled time of Completion for the Project is 270 Calendar Days from the starting date specified in the Notice to Proceed.

Completion is achieved when site cleanup and all punch list items (resulting from the final inspection) have been completed. Completion shall have the meaning set forth in Article I, Section 3 (Definitions and Terms) of the General Contract Conditions.

**3.3.10 Working Days and Hours:** The working days and hours shall be as stated in the General Contract Conditions or as mutually agreed upon in the preconstruction meeting with the following exception:

**3.3.11 Licenses and Permits:** Contractor is responsible for obtaining any and all necessary licenses and permits required for Work at Contractors expense. See Section 2.12. Contractor shall supply to Owner all copies of finalized permits.

- 3.3.12 Permits:** The following permits are required for the Project and will be obtained by the City at no cost to the Contractor:
- *Colorado Department of Public Health and Environment (CDPHE) – Construction Stormwater Discharge Permit* – The City of Grand Junction will obtain the Stormwater Discharge Permit and then transfer the permit to the Contractor before the start of the Project.
- 3.3.13 City Furnished Materials:** The City will furnish the following materials for the Project:
- Electronic files needed for construction layout.
- 3.3.14 Project Communications:** Prior to and during construction, the Contractor will meet with the Project Engineer to discuss timelines, challenges, and updates on progress.
- 3.3.15 Traffic Control:** The Contractor shall provide and maintain traffic control in accordance with an approved Traffic Control Plan and the Manual on Uniform Traffic Control Devices. A Traffic Control Plan shall be prepared by the Contractor and reviewed by the City at least 10 days prior to the start of work such that adequate notices can be provided to the traveling public. See Project Special Provisions for details on Traffic Control and Construction Phasing requirements.
- 3.3.16 Authorized Representatives of the City:** Those authorized to represent the City shall include Purchasing Agent, Project Manager, Engineers, and Inspectors employed by the City, only.
- 3.3.17 Stockpiling Materials and Equipment:** All stockpiling/storage shall be in accordance with General Contract Condition Section 51.

The Contractor shall stockpile and store materials and equipment within the roadway right-of-way, the multi-purpose easements, and the temporary construction easements as shown on the Construction Plans. The Contractor shall have the boundaries of the easements staked by its surveyor, so the construction limits are clearly defined. The Contractor shall keep all construction activities within these easement boundaries at all times.

- 3.3.18 Clean-Up:** The Contractor is responsible for cleaning up all loose materials that have been deposited or swept into gutters, and onto sidewalks and driveways as a result of sidewalk operations. The costs for all clean-up work shall be considered incidental and will not be paid for separately.
- 3.3.17 Schedule of Submittals:** Contractor shall deliver these submittals at least two days prior to the pre-construction meeting:
- Project Schedule
  - Traffic Control Plan
  - Construction Phasing Plan
  - Construction Schedule submitted at or prior to the pre-construction meeting and updated as necessary to reflect actual conditions.
  - List of contacts for Contractor and any Sub-Contractors
  - Hourly rate table for labor and equipment to be used on this Project
  - All materials

- 3.3.18 Excess Material:** All excess materials shall be disposed of in accordance with the General Contract Condition, Section 50.
- 3.3.19 Incidental Items:** Any item of Work not specifically identified or paid for directly which is necessary for the completion of any paid items of Work, will be considered as incidental to those items, and will be included in the cost of those items.
- 3.3.20 Work to be Performed by the City (Prior to Construction):**
- Water mains between Market Street & 24 1/2 Road roundabout will be constructed by UTE Water Conservancy prior to the beginning of Phase 1 of F 1/2 Road Parkway Project.
  - 230KV Transmission Tower will be relocated by PSCo prior to the beginning of Phase 1 of F 1/2 Road Parkway Project.
- 3.3.21 Uranium Mill Tailings:** It is not anticipated that radioactive mill tailings will be encountered on this Project.
- 3.3.22 Existing Utilities and Structures:** Existing underground utilities were potholed at specific locations during the design of this Project. The location of existing utilities and structures are shown on the Subsurface Utility Engineering (SUE) Plans and are approximate with the information gathered during design. It is the responsibility of the Contractor to pothole/locate and protect all structures and utilities in accordance with General Contract Condition Section 37.

**Utility Contacts, Coordination, and Relocations:** Known utilities with the limits of this project are:

- |  |              |
|--|--------------|
| • City of Grand Junction (Sanitary & Storm) – Eric Rink    | 970-244-1585 |
| • City of Grand Junction (Traffic Signal) – Eric Mocko     | 970-256-4017 |
| • City of Grand Junction (Irrigation) – Marc Mancuso       | 970-254-3850 |
| • Xcel Energy (Electric & Gas) – Tillmon McSchooler        | 970-244-2695 |
| • Xcel Energy (10" H.P. Gas) – Paul Heald                  | 303-907-0893 |
| • Century Link (Telephone & Fiber Optic) – Chris Johnson   | 970-244-4311 |
| • Charter (Cable Television) – Mark Kostelecky             | 970-623-9415 |
| • Ute Water Conservancy District – Dave Priske/John Eklund | 970-242-7491 |

The Work described in these plans and specifications requires full cooperation between the Contractor and the utility owners in regard to conducting its respective operations so the utility relocation work can be completed with minimum delay to all parties concerned.

The Contractor shall be required to meet with each utility owner impacted by the Work a minimum of fifteen (15) days in advance of any construction operations to coordinate required utility work with the construction activity. Coordination with utility owners includes, but is not limited to, providing, and periodically updating an accurate construction schedule that includes all utility work elements. Surveying and/or staking of utility relocations shall be performed by the Contractor's surveyor.

The Contractor shall conduct coordination meetings as necessary for the purpose of coordinating construction activities with the utility owners. Frequency of the utility coordination meetings may be revised as deemed necessary by the City, Contractor, and utility owner(s).

The Contractor shall provide traffic control for any utility work expected to be coordinated with construction operations as directed by the Project Engineer. However, traffic control for utility work outside of the typical Project work hours or outside of the Project limits shall be the responsibility of the utility owner. The Contractor shall be compensated for traffic control as per the bid items for traffic control as established on this Project.

The Contractor shall keep each utility owner advised of any work being done to its facility so that each utility owner can coordinate its inspections for final acceptance of the work with the Project Engineer.

**3.3.23 Survey:** The Contractor shall give the City survey crew a minimum of 72 hours' notice for all requested surveys.

**3.3.24 Existing Concrete Sidewalks, Pans, Fillets, Curbs and Gutters:** The existing sidewalks, pans, fillets, curb, and gutter are in good serviceable condition. In some instances, the installation of new sidewalks and pavement will be adjacent to existing concrete. The Contractor will need to protect all concrete adjacent to construction. If the concrete is damaged during construction the Contractor will be responsible for its replacement at no cost to the City. The Contractor, the City Project Inspector, and/or the City Project Manager will walk and record any concrete that is deemed to be damaged before construction has started.

**3.3.25 Construction Surveying & "As-Built" Drawings:** As-Built record information will be provided to and approved by City staff prior to Final Acceptance of the Project. Information to be provided must be in electronic format (e.g., AutoCAD and/or survey files) along with a PDF set of As-Built drawings. As-Built electronic files must contain information suitable for the City to maintain Utility records to the standards set forth in the new Colorado 811 One Call/Subsurface Utility Law (effective August 8, 2018) and standards as described in the American Society of Civil Engineers (ASCE) Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data (ASCE 38-02).

Electronic information for As-Built records shall include, but is not limited to, verification of all horizontal and vertical changes in pipe alignments, elbows, tees, manholes, valves, control structures, service taps, service pipe (horizontal and vertical deflections to ROW line, meter pits, or clean-outs, whichever is closer), beginning and ending of slip-lined segments, additional conduit added for current & future utilities, tie-in or connection to existing infrastructure, etc. Distance between As-Built data points along pipe alignment is dependent on the amount of deflection used to install the pipe in the field. There must be sufficient point data to create a plan and profile of all infrastructure accurate to within eighteen inches (18") of the physical structures anywhere along the project.



The cost for surveying all fittings, both sewer and water, shall be incidental to the Project cost, and will not be paid for separately.

**3.3.26 Manhole Grade Rings:** Concrete grade rings, shims and non-shrink grout shall not be used on the sewer manhole sections. Approved grade rings for this Project shall be either HDPE Adjusting Rings by LadTech, Inc., or Expanded Polypropylene grade rings by Cretex Pro-Ring.

Grade rings shall be installed per the manufacturer's recommendations and directions. Caulk and sealants shall be approved by the manufacturer and shall be applied per the manufacturer's recommendation. The top-grade ring shall match as close as possible the cross-slope of the existing roadway surface. Both manufacturers of grade rings provide grade rings that can accommodate the existing roadway cross-slope.

**3.3.27 Manhole Ring and Cover:** Manhole ring and covers for this Project shall be Castings model MH-310-24 CI.

**3.3.28 References for Manhole Corrosion Protection:** The Contractor applying the interior manhole corrosion protection shall provide a minimum of three (3) references of projects for completed restoration and corrosion barrier liner installation of similar scope and size using the protective coating specified and/or approved equal by the City Project Engineer. References shall include project name and location; contact information of Owner/Engineer; and description of project, what the substrate was, and the application procedures.

**3.3.29 Project Meetings:** The Contractor and the City shall conduct meetings on-site once every two weeks. These meetings shall be attended by the Contractor's Project Manager and Site Supervisor and the City's Project Engineer and Project Inspector. When required, the utility companies' project representative should be invited to the meetings. An updated Project schedule should be available and dispersed at each meeting.

**3.3.30 Pre-Qualification:** Contractors must be pre-qualified in the following categories to submit a bid response to this Project:

- 1C – Stream and Stormwater
- 2A – Roadway and Earthwork
- 2B – Asphalt Paving
- 2D – Concrete Roadway Paving
- 2E – Concrete, Sidewalk, Curb, and Gutter
- 2G – Small Bridges and Structures

Contractors may view their approved pre-qualified categories by clicking the [Pre-Qualification List Link](#).

**3.4 SCOPE OF WORK:** This Project generally consists of doubling the existing right-of-way and drivable surface of F 1/2 Road between 24 Road and Market Street. The new right-of-way will be expanded to the north, totaling 160-ft, with road improvements extending to the north approximately 93 feet. The road improvements



include a 30-ft median, 16-ft total width for shoulders, 11-ft drive lanes for east and west-bound traffic, curb and gutter, a 12.5-ft landscape strip and a 10-ft wide detached sidewalk. East of the intersection with Market Street, the full 160-ft right-of-way width and roadway elements will continue east through undeveloped land to the intersection with 24 1/2 road, where a modern roundabout will connect F 1/2 Road with 24 1/2 Road. The roundabout will mark the eastern extent of Phase 1 of the F 1/2 Road Parkway project. In addition to F 1/2 Rd. PKWY, the existing triple-bay 6-ft x 12-ft concrete box culvert for N. Leach Creek will be lengthened to the north by approximately 90-feet to accommodate a wider F 1/2 Road. Minor improvements to 24 1/2 road will be made to accommodate the new roundabout. Approximate quantities are as follows: 31,000 SY of soil reconditioning, 6,100 tons of asphalt pavement, 6,300 SY of concrete pavement, 12,000 LF of curb and gutter, 5,700 SY of concrete sidewalk, 3,300 LF of irrigation piping, 2,900 LF of concrete storm drain piping (or approved equivalent), 1,650 LF of gravity sewer piping, 21,000 LF of electrical conduit, 87 pedestrian lights, 3 water quality control structures, landscaping, and irrigation.

### 3.5 Attachments: (Click on Links for Access)

#### Appendix A Project Manual

- Project Special Provisions  
[Special Provisions](#)
- Ute Water Specifications  
[Combined Ute Water Specs](#)
- Landscape and Irrigation Specifications (by Kaart Planning)  
[Landscape and Irrigation Specs](#)
- Electrical Specifications (by ACM Consulting)  
[Electrical Specs](#)

#### Appendix B

- Geotechnical Investigation Report by RockSol Consulting, Group  
[Geotechnical Report](#)

#### Attachments

- Construction Drawings  
[Construction Drawings](#)
- Landscape Drawings  
[Landscape Drawings](#)
- Irrigation Drawings  
[Irrigation Drawings](#)

**3.6 Contractor Bid Documents:** For Contractor's convenience, the following is a list of forms/items to be submitted with the Contractor's bid response. However, should a form/item not be listed in this section, but required in the Solicitation documents, it is the Contractor's responsibility to ensure all forms/items are submitted.

- Contractor's Bid Form
- Price Bid Schedule

- Contractor's Bid Bond
- Contractor's Bonding Capacity Letter

### 3.7 IFB TENTATIVE TIME SCHEDULE:

Invitation For Bids available on	November 3, 2023
Non-Mandatory Pre-Bid Meeting	November 16, 2023, 11:00 AM
Inquiry deadline, no questions after this date	November 27, 2023
Addendum Posted	November 29, 2023
Pre-Qualification Application Deadline	November 30, 2023
Submittal deadline for Bids	December 5, 2023, 2:00 PM
City Council Approval (if required)	December 20, 2023
Notice of Award & Contract execution	December 21, 2023
Bonding & Insurance Cert due	December 31, 2023
Preconstruction meeting	TBD
Work begins no later than	Upon Receipt of Notice to Proceed
Final Completion	270 Calendar Days from Notice to Proceed
Holidays	
Veterans Day	November 10, 2023
Thanksgiving	November 23 & 24, 2023
Christmas	December 25, 2023
New Year's Day	January 1, 2024
Martin Luther King Day	January 15, 2024
Presidents' Day	February 19, 2024
Memorial Day	May 27, 2024
Juneteenth	June 19, 2024
Independence Day	July 4, 2024
Labor Day	September 2, 2024

## 4. Contractor's Bid Form

**Bid Date:** \_\_\_\_\_

**Project:** IFB-5325-23-DD "F 1/2 Road Parkway Phase 1"

**Bidding Company:** \_\_\_\_\_

**Name of Authorized Agent:** \_\_\_\_\_

**Email** \_\_\_\_\_

**Telephone** \_\_\_\_\_ **Address** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip** \_\_\_\_\_

The undersigned Bidder, in compliance with the Invitation for Bids, having examined the Instruction to Bidders, General Contract Conditions, Statement of Work, Specifications, and any and all Addenda thereto, having investigated the location of, and conditions affecting the proposed Work, hereby proposes to furnish all labor, materials and supplies, and to perform all Work for the Project in accordance with Contract Documents, within the time set forth and at the prices stated below. These prices are to cover all expenses incurred in performing the Work required under the Contract Documents, of which this Contractor's Bid Form is a part.

The undersigned Contractor does hereby declare and stipulate that this offer is made in good faith without collusion or connection to any person(s) providing an offer for the same Work, and that it is made in pursuance of, and subject to, all terms and conditions of the Instructions to Bidders, the Specifications, and all other Solicitation Documents, all of which have been examined by the undersigned.

The Contractor also agrees that if awarded the Contract, to provide insurance certificates within ten (10) working days of the date of Notification of Award. Submittal of this offer will be taken by the Owner as a binding covenant that the Contractor will be prepared to complete the project in its entirety.

The Owner reserves the right to make the award on the basis of the offer deemed most favorable, to waive any formalities or technicalities and to reject any or all offers. It is further agreed that this offer may not be withdrawn for a period of sixty (60) calendar days after closing time. Submission of clarifications and revised offers automatically establish a new thirty-day (30) period.

Prices in the bid proposal have not knowingly been disclosed with another provider and will not be prior to award.

- Prices in this bid proposal have been arrived at independently, without consultation, communication, or agreement for the purpose of restricting competition.
- No attempt has been made nor will be to induce any other person or Contractor to submit a bid proposal for the purpose of restricting competition.
- The individual signing this bid proposal certifies it is a legal agent of the Bidder, authorized to represent the Bidder and is legally responsible for the offer with regard to supporting documentation and prices provided.
- Direct purchases by the City of Grand Junction are tax exempt from Colorado Sales or Use Tax. Tax exempt No. 98-03544. The undersigned certifies that no Federal, State, County or Municipal tax will be added to the above quoted prices.
- City of Grand Junction payment terms shall be Net 30 days.
- Prompt payment discount of \_\_\_\_\_ percent of the net dollar will be offered to the Owner if the invoice is paid within \_\_\_\_\_ days after the receipt of the invoice. The Owner reserves the right to take into account any such discounts when determining the bid award that are no less than Net 10 days.

RECEIPT OF ADDENDA: the undersigned Contractor acknowledges receipt of Addenda to the Solicitation, Specifications, and other Contract Documents.

State number of Addenda received: \_\_\_\_\_.

It is the responsibility of the Bidder to ensure all Addenda have been received and acknowledged.

*By signing below, the Undersigned agree to comply with all terms and conditions contained herein.*

**Company:** \_\_\_\_\_

**Authorized Signature:** \_\_\_\_\_

**Title:** \_\_\_\_\_

The undersigned Bidder proposes to subcontract the following portion of Work:

<u>Name &amp; address of Sub-Contractor</u>	<u>Description of Work to be performed</u>	<u>% of Contract</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

The undersigned Bidder acknowledges the right of the City to reject any and all Bids submitted and to waive informalities and irregularities therein in the City's sole discretion.

By submission of the Bid, each Bidder certifies, and in the case of a joint Bid each party thereto certifies as to its own organization, that this Bid has been arrived at independently, without collusion, consultation, communication, or agreement as to any matter relating to this Bid with any other Bidder or with any competitor.

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	108.2	8" Gravity Sewer Pipe (SDR 35)	1,627.	LF	\$ _____	\$ _____
2	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Complete in Place)	4.	EA	\$ _____	\$ _____
3	108.5	Sanitary Manhole Barrel Section (D>5')(48" I.D.)	23.	VLF	\$ _____	\$ _____
4	108.5	Connect to Existing Manhole or Sewer Main	1.	EA	\$ _____	\$ _____
5	108.3	8" End Cap/Plug Sewer	3.	EA	\$ _____	\$ _____
6	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)(Sewer)	1,500.	TON	\$ _____	\$ _____
7	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 138 lbs/cu.ft.)(Sewer)	285.	TON	\$ _____	\$ _____
8	108.2	6" Water Pipe (C-900 PVC)	15.	LF	\$ _____	\$ _____
9	108.3	6" Gate Valve	1.	EA	\$ _____	\$ _____
10	108.3	8" x 6" Tee	1.	EA	\$ _____	\$ _____
11	108.3	Fire Hydrant	1.	EA	\$ _____	\$ _____
12	108.2	Storm Drain Pipe - 30" Concrete Pipe	2,030.	LF	\$ _____	\$ _____
13	108.2	Storm Drain Pipe - 18" Concrete Pipe	793.	LF	\$ _____	\$ _____
14	108.2	Storm Drain Pipe - 12" Concrete Pipe	45.	LF	\$ _____	\$ _____
15	108.6	Storm Drain Manhole (60" ID)	5.	EA	\$ _____	\$ _____
16	108.6	Storm Sewer Treatment System. Contech, Forterra or Engineer Approved equal. Manhole accounted for separately. Complete	3.	EA	\$ _____	\$ _____
17	108.6	Single Storm Drain Inlet with drive over curb opening (24" x 36")	2.	EA	\$ _____	\$ _____
18	108.6	Double Storm Drain Inlet with drive over curb opening (24" x 72")	2.	EA	\$ _____	\$ _____
19	108.6	Storm Drain Inlet with vertical curb opening (24" x 36")	1.	EA	\$ _____	\$ _____
20	108.6	Storm Drain - Large Area Inlet (24"x36")	7.	EA	\$ _____	\$ _____
21	108.6	Storm Drain - Double Large Area Inlet (24"x36")	1.	EA	\$ _____	\$ _____
22	108.5	Storm Drain - Manhole Barrel Section (D>5')(60" I.D.)	20.	VLF	\$ _____	\$ _____
23	108.5	Connect to Existing Manhole or Pipe	2.	EA	\$ _____	\$ _____
24	108.5	Connect to Existing Outlet Structure for Halls Estates	1.	EA	\$ _____	\$ _____
25	108.5	30" End Cap/Plug Irrigation	1.	EA	\$ _____	\$ _____
26	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)(Storm Drain)	950.	TON	\$ _____	\$ _____



**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
27	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 138 lbs/cu.ft.)(Storm Drain)	500.	TON	\$ _____	\$ _____
28	108.2	Irrigation Pipe - 4" SDR-35 PVC	10.	LF	\$ _____	\$ _____
29	108.2	Irrigation Pipe - 6" SDR-35 PVC	64.	LF	\$ _____	\$ _____
30	108.2	Irrigation Pipe - 8" SDR-35 PVC	10.	LF	\$ _____	\$ _____
31	108.2	Irrigation Pipe - 12" SDR-35 PVC	57.	LF	\$ _____	\$ _____
32	108.2	Irrigation Pipe - 12" Corrugated HDPE Pipe	2,410.	LF	\$ _____	\$ _____
33	108.2	Irrigation Pipe - 18" Corrugated HDPE Pipe	730.	LF	\$ _____	\$ _____
34	108.2	Irrigation Earth ditch - Temporary - per plan	220.	LF	\$ _____	\$ _____
35	108.5	Irrigation Manhole (36" I.D.)	9.	EA	\$ _____	\$ _____
36	108.5	Irrigation Manhole (48" I.D.)	4.	EA	\$ _____	\$ _____
37	108.5	Irrigation Manhole (48" I.D.) Structures (25),(42),(41),(195),(170),&(232) per Details and Plan	6.	EA	\$ _____	\$ _____
38	108.5	Irrigation - Manhole Barrel Section (D>5')(36" I.D.)	31.	VLF	\$ _____	\$ _____
39	108.5	Irrigation - Manhole Barrel Section (D>5')(48" I.D.)	17.	VLF	\$ _____	\$ _____
40	108.6	Storm Drain - Large Area Inlet (24"x36")		EA		
41	108.12	ADS agricultural product - metal animal guard (finger) (pipe end guard) for 18-in Pipe	1.	EA	\$ _____	\$ _____
42	108.12	ADS agricultural product - metal animal guard (finger) (pipe end guard) for 12-in Pipe	1.	EA	\$ _____	\$ _____
43	108.5	Reset Irrigation Valve (Mundy)	1.	EA	\$ _____	\$ _____
44	108.5	Connect to Existing Manhole, Pipe, ETC..	13.	EA	\$ _____	\$ _____
45	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)(Irrigation)	640.	TON	\$ _____	\$ _____
46	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 138 lbs/cu.ft.)(Irrigation)	500.	TON	\$ _____	\$ _____
47	202	Remove Asphalt Mat. Full Depth.	5,610.	SY	\$ _____	\$ _____
48	202	Remove Concrete	1,580.	SY	\$ _____	\$ _____
49	202	Remove Redirock Headwall, Wingwall, and Underlying foundation at Box Culvert at the intersection of F 1/2 Rd and 24 Rd	1.	LS	\$ _____	\$ _____
50	202	Remove Water Valve	1.	EA	\$ _____	\$ _____
51	202	Remove Fire Hydrant	1.	EA	\$ _____	\$ _____
52	202	Remove End Section	1.	EA	\$ _____	\$ _____
53	202	Remove Irrigation Structure	3.	EA	\$ _____	\$ _____
54	202	Remove Light Pole	13.	EA	\$ _____	\$ _____
55	202	Remove Light Pole Base	13.	EA	\$ _____	\$ _____
56	202	Remove High Voltage Overhead Power Pole Foundation	1.	EA	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
57	202	Remove Pull Box	5.	EA	\$ _____	\$ _____
58	202	Remove Post	2.	EA	\$ _____	\$ _____
59	202	Remove Delineator	3.	EA	\$ _____	\$ _____
60	202	Remove Ground Sign	5.	EA	\$ _____	\$ _____
61	202	Remove Sod.	1,376.	SY	\$ _____	\$ _____
62	202	Remove Tree	15.	EA	\$ _____	\$ _____
63	202	Remove Tree Stump	3.	EA	\$ _____	\$ _____
64	202	Remove Bush	35.	EA	\$ _____	\$ _____
65	202	Remove Property Pin (no reference or reset)	3.	EA	\$ _____	\$ _____
66	202	Remove Fence (includes all gates and associated appurtenances)	2,703.	LF	\$ _____	\$ _____
67	202	Remove Plastic Fence Gate (Gale Property)	1.	EA	\$ _____	\$ _____
68	202	Remove Electric Feed (Subaru Lights)	600.	LF	\$ _____	\$ _____
69	202	Remove Pipe as shown on Plans	2,015.	LF	\$ _____	\$ _____
70	202	Remove Mail Box	4.	EA	\$ _____	\$ _____
71	202	Remove Signal Pole Steel Template and Return to City Traffic	1.	EA	\$ _____	\$ _____
72	202	Remove/Abandon Sprinkler System at 653 24 1/2 Rd.	1.	EA	\$ _____	\$ _____
73	202	Clearing and Grubbing	1.	LS	\$ _____	\$ _____
74	210	Adjust Sprinkler System at 651 Market St. (Subaru)	1.	EA	\$ _____	\$ _____
75	210	Adjust Sprinkler System at 650 Market St. (Hilton)	1.	EA	\$ _____	\$ _____
76	210	Adjust Sprinkler System at 648 Market St. (Regal)	1.	EA	\$ _____	\$ _____
77	210	Adjust Sprinkler System at 649 3/4 Serinity Ln (Halls Estates HOA)	1.	EA	\$ _____	\$ _____
78	210	Adjust Sprinkler System at 655 24 1/2 Rd (Beaslin)	1.	EA	\$ _____	\$ _____
79	210	Adjust Sprinkler System at 659 24 1/2 Rd (Mundy)	1.	EA	\$ _____	\$ _____
80	210	Adjust Water Valve to Finished Grade	6.	EA	\$ _____	\$ _____
81	210	Adjust Manhole to Finished Grade	8.	EA	\$ _____	\$ _____
82	210	Adjust inlet Frame and Grate to Finished Grade	2.	EA	\$ _____	\$ _____
83	210	Reset Water Meter	2.	EA	\$ _____	\$ _____
84	210	Adjust Pull Box to Finished Grade	7.	EA	\$ _____	\$ _____
85	210	Reset Light Standard	1.	EA	\$ _____	\$ _____
86	210	Reference/Reset Survey Monument	1.	EA	\$ _____	\$ _____
87	210	Reset Redirock Wall back to new Headwall (Leach Creek at the intersection of 24 Rd and F 1/2 Rd)	1.	EA	\$ _____	\$ _____
88	210	Reset Mail Box (Coordinate with USPS)	4.	EA	\$ _____	\$ _____
89	210	Reset Fence	200.	LF	\$ _____	\$ _____
90	210	Reset 4" Irrigation Valve (Mundy Property)	1.	EA	\$ _____	\$ _____
91	210	Reset Landscape Ground Cover (Subaru)	2,800.	SF	\$ _____	\$ _____
92	210	Reset Landscape Ground Cover (Hilton)	1,800.	SF	\$ _____	\$ _____
93	210	Reset Landscape Ground Cover (Regal)	500.	SF	\$ _____	\$ _____
94	210	Reset Landscape Ground Cover (Gale)	580.	SF	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
95	PH	POTHOLING	1.	LS	\$ _____	\$ _____
96	210	Reset Landscape Ground Cover (Halls Estates HOA)	1,600.	SF	\$ _____	\$ _____
97	203	Unclassified Excavation	41,309.	CY	\$ _____	\$ _____
98	203	Unclassified Embankment	4,502.	CY	\$ _____	\$ _____
99	203	Haul Earthwork Material	36,807.	CY	\$ _____	\$ _____
100	207	Topsoil (18" Thick) (all planting areas within ROW)	11,800.	SY	\$ _____	\$ _____
101	203	(Roadway Subgrade Stabilization) Muck Excavation	4,700.	CY	\$ _____	\$ _____
102	304	(Roadway Subgrade Stabilization) Aggregate Base Course (Class 3) (24" Thick)	7,000.	SY	\$ _____	\$ _____
103	304	(Roadway Subgrade Stabilization) Geotextile Separator (Mirifi RS580i or Equivalent) as Directed by Project Engineer	5,000.	SY	\$ _____	\$ _____
104	420	(Roadway Subgrade Stabilization) Geotextile Separator (CI 2)	7,000.	SY	\$ _____	\$ _____
105	420	(Roadway Subgrade Stabilization) Geogrid Reinforcement	7,000.	SY	\$ _____	\$ _____
106	208	Storm Drain Inlet Protection (Erosion Log filter at Drop Inlet)	9.	EA	\$ _____	\$ _____
107	208	Storm Drain Inlet Protection (Type II)	12.	EA	\$ _____	\$ _____
108	208	Storm Drain Inlet Protection (Type III)	2.	EA	\$ _____	\$ _____
109	208	Erosion Log	500.	LF	\$ _____	\$ _____
110	208	Prefabricated Vehicle Tracking Pad	3.	EA	\$ _____	\$ _____
111	208	Prefabricated Concrete Washout Structure	3.	EA	\$ _____	\$ _____
112	209	Dust Abatement	365.	DAYS	\$ _____	\$ _____
113	212	Seeding - Native Seed Mix	0.8	ACRE	\$ _____	\$ _____
114	304	Aggregate Base Course (Class 2) (14" Thick) (F 1/2 Rd Pkwy)	22,320.	SY	\$ _____	\$ _____
115	304	Aggregate Base Course (Class 2) (10" Thick) (24 1/2 Road)	2,215.	SY	\$ _____	\$ _____
116	304	Aggregate Base Course (Class 2) (16" Thick) (Roundabout)	6,400.	SY	\$ _____	\$ _____
117	304	Aggregate Base Course (Class 6) (12" Thick) (Driveway)	36.	SY	\$ _____	\$ _____
118	304	Aggregate Base Course (Class 6) (8" Thick) (Various Locations)	27,880.	SY	\$ _____	\$ _____
119	304	Aggregate Base Course (Class 6) (6" Thick) (24 1/2 Rd Shoulder)	370.	SY	\$ _____	\$ _____
120	304	Washed Rock Surface Course (Driveway) (3" Thick)	280.	SY	\$ _____	\$ _____
121	306	Reconditioning (6" Deep) (Various)	30,971.	SY	\$ _____	\$ _____
122	329	Sod. (To repair & Match Existing)	6,000.	SF	\$ _____	\$ _____
123	401	Asphalt Millings (4" thick) (1 1/2" max particle size) (Gale/Mundy Drive)	90.	TON	\$ _____	\$ _____
124	401	Hot Mix Asphalt (4" thick) (Grading SX 100, Binder Grade 64-22) (Driveway)	8.	TON	\$ _____	\$ _____
125	401	Hot Mix Asphalt (2" thick) (Grading SX 100, Binder Grade 64-22) (Varies)	1,631.	TON	\$ _____	\$ _____
126	401	Hot Mix Asphalt (5" thick) (Grading SX 100, Binder Grade 64-22) (24 1/2 Rd)	578.	TON	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
127	401	Hot Mix Asphalt (5 1/2" thick) (Grading SX 100, Binder Grade 64-22) (F 1/2 Rd Pkwy)	3,844.	TON	\$ _____	\$ _____
128	401	Hot Mix Asphalt (2" thick) (Grading SX 100, Binder Grade 64-22) (T-Top on 24 1/2 Rd)	25.	TON	\$ _____	\$ _____
129	504	Concrete Wall (Class D) per M and S Standard M-601-20 (Wall Design Height 6' to 9' per plan). (Includes associated headwalls, footers, and toe walls) Work shall include approximately 1000 lbs. Reinforcing Steel (Epoxy Coated), Structural Concrete Coating (Exterior of wall), 12 cy Structural Backfill (Class 1) and any necessary appurtenances to complete work.	21.	CY	\$ _____	\$ _____
130	504	Precast Concrete Block Retaining Wall System (includes all necessary appurtenances, work, etc. to complete).	30.	FSF	\$ _____	\$ _____
131	506	Riprap (12 Inch) (Leach Creek)	30.	CY	\$ _____	\$ _____
132	506	Filter Material (Class B)	5.	CY	\$ _____	\$ _____
133	506	Geotextile (Drainage) (Class 1) (Nonwoven) (Geotextile is to be used with the Leach Creek Riprap Details)	45.	SY	\$ _____	\$ _____
134	603.3	Leach Creek Temporary Bypass Pumping (temporary to set up Leach Creek Bypass for Construction and to divert Leach Creek back to Tripple Box Culvert after box culvert construction)	10.	DAYS	\$ _____	\$ _____
135	603.3	Leach Creek Bypass for Construction (contractor to determine means and methods and submit plan prior to contract award)	1.	LS	\$ _____	\$ _____
136	603.3	Pipe Excavation (for Triple Conc Box Culvert) (includes Topsoil Removal, Muck Excavation, Stockpiling, Drying, etc.. See Box Culvert Typical Cross Section)	1,500.	CY	\$ _____	\$ _____
137	603.3	Pipe Stabilization (for Triple Conc Box Culvert) Imported Trench Backfill (Class 3 Aggregate) (24" Minimum Depth - See Box Culvert Typical Cross Section) (Assumed Unit Weight = 133 lbs/cu.ft.)	510.	TONS	\$ _____	\$ _____
138	603.3	Pipe Bedding (for Triple Conc Box Culvert) Aggregate Base Course (CDOT No. 57 Concrete Aggregate) (3 Each - 12" Thick Layers - See Box Culvert Typical Cross Section)	425.	CY	\$ _____	\$ _____
139	603.3	Geotextile Separator (for Triple Conc Box Culvert Pipe Bedding) (Class 1) (Woven) (See Box Culvert Typical Cross Section)	1,400.	SY	\$ _____	\$ _____
140	603.3	Triple - 6' x 12' Precast Concrete Box Culvert (can be constructed as three separate 6 x 12 C.B.C. sections placed side by side) (Includes all Haunching and Backfill Material) (Includes Grouted Connect to Existing)	86.	LF	\$ _____	\$ _____
141	603.3	Triple - 6' x 12' Cast in Place Concrete Box Culvert to accommodate Sewer Crossing (Includes all Haunching and Backfill Material)	1.	LF	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
142	608	Concrete Landscape Border (match existing in kind)	165.	LF	\$ _____	\$ _____
143	608	Concrete Pavement (Roundabout) (9" Thick) (CL P)	5,560.	SY	\$ _____	\$ _____
144	608	Concrete Curb and Spill Gutter (1.5' Wide) to include Class 6 Aggregate Base Course per Typical Cross Section	5,925.	LF	\$ _____	\$ _____
145	608	Concrete Truck Apron (Roundabout) (12" Thick) to include 8" of Class 6 Aggregate Base Course, 16" of Class 3 Aggregate Base Course, and 6" of subgrade reconditioning.	535.	SY	\$ _____	\$ _____
146	608	Concrete Curb (6" Wide) (6" High) to include Class 6 Aggregate Base Course per Typical Cross Section	650.	LF	\$ _____	\$ _____
147	608	Concrete Curb and Gutter (2' Wide) (both collector and spill gutters) to include Class 6 Aggregate Base Course per Typical Cross Section	5,165.	LF	\$ _____	\$ _____
148	608	Concrete Drive Over Curb and Gutter 3' wide and both collector and spill gutter to include Class 6 Aggregate Base Course per Typical Cross Section	660.	LF	\$ _____	\$ _____
149	608	Concrete Sidewalk (6" Thick) to include 6" of Class 6 Aggregate Base Course.	5,700.	SY	\$ _____	\$ _____
150	608	Concrete Drainage Pan (6' Wide) to include 6" of Class 6 Aggregate Base Course.	38.	LF	\$ _____	\$ _____
151	608	Concrete Median Island Nose (8" Thick) to include 6" of Class 6 Aggregate Base	41.	SY	\$ _____	\$ _____
152	608	Concrete Curb Ramp to include 6" of Class 6 Aggregate Base Course.	335.	SY	\$ _____	\$ _____
153	608	Concrete Pavement (6" Thick) to include 6" of Class 6 Aggregate Base Course.	170.	SY	\$ _____	\$ _____
154	608	Concrete Driveway Section (8" Thick) (Commercial) to include 6" of Class 6 Aggregate Base Course.	225.	SY	\$ _____	\$ _____
155	608	Concrete Median Edging (1.5' Wide) (4" thick) (make sure not repeated landscape	5,555.	LF	\$ _____	\$ _____
156	608	Concrete Median Cover Material (6" Patterned Concrete) to include 6" of Class 6 Aggregate Base Course. (make sure not repeated landscape quantities)	815.	SY	\$ _____	\$ _____
157	608	Detectable Warning (Cast Iron, Wet Set) (2'x2)	130.	EA	\$ _____	\$ _____
158	613	2" Schedule 80 PVC (City Broadband)	15,615.	LF	\$ _____	\$ _____
159	613	2" Schedule 80 PVC (for Power to Lighting and Out Buildings - Outside edge of Joint Trench)	5,205.	LF	\$ _____	\$ _____
160	613	Large Splice Box (Quasite) (3' - 2 5/8" x 2'-2") Broadband Logo.	20.	EA	\$ _____	\$ _____
161	614	Sign Panel (CL I)	570.	SF	\$ _____	\$ _____
162	614	Sign Panel (CL II)	48.	SF	\$ _____	\$ _____
163	614	3 LB. U SHAPE CHANNEL STEEL POST	70.	EA	\$ _____	\$ _____



**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
164	614	Steel Sign Support (2 1/2" round NP-40) (Pole/Slipbase)	4.	EA	\$ _____	\$ _____
165	503-00048	Drilled Caisson (48 Inch)	42.	LF	\$ _____	\$ _____
166	503-00048	Drilled Caisson (54 Inch)	21.	LF	\$ _____	\$ _____
167	613-07004	Type Four Pull Box (Traffic) (24x36x24) PB3	1.	EA	\$ _____	\$ _____
168	613-07005	Type Five Pull Box (Traffic) (30x48x24) PB1,PB2,PB4,&PB5	4.	EA	\$ _____	\$ _____
169	614	Spread Footer for Pedestrian Pole P5 (Contractor to provide Engineer Approved and Stamped Shop Drawings)	1.	EA	\$ _____	\$ _____
170	614-70150	Pedestrian Signal Face (16) (Countdown)	8.	EA	\$ _____	\$ _____
171	614-70336	Traffic Signal Face (12-12-12)	8.	EA	\$ _____	\$ _____
172	614-70336b	Traffic Signal Face (12-12-12) (With Backplate and Retroreflective Border)	12.	EA	\$ _____	\$ _____
173	614-72855	Traffic Signal Controller Cabinet	1.	EA	\$ _____	\$ _____
174	614-72863	Pedestrian Push Button Post Assembly	4.	EA	\$ _____	\$ _____
175	614-72886	Intersection Detection System (Camera)	4.	EA	\$ _____	\$ _____
176	614-72886o	Intersection Detection System (Opticom)	4.	EA	\$ _____	\$ _____
177	614-81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm) P2	1.	EA	\$ _____	\$ _____
178	614-81160	Traffic Signal-Light Pole Steel (1-60 Foot Mast Arm) P3 & P4	2.	EA	\$ _____	\$ _____
179	614-81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm) P1	1.	EA	\$ _____	\$ _____
180	614	Mount City Provided Sign on Mast Arm	4.	EA	\$ _____	\$ _____
181	614	Sign Panel (CL I)	36.	SF	\$ _____	\$ _____
182	614-84000	Traffic Signal Pedestal Pole Steel P5	1.	EA	\$ _____	\$ _____
183	614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	500.	LF	\$ _____	\$ _____
184	614-87320	Closed Circuit Television	1.	EA	\$ _____	\$ _____
185	614-87350	Test Fiber Optic Cable	1.	EA	\$ _____	\$ _____
186	614	2" PVC Conduit	2,100.	LF	\$ _____	\$ _____
187	620	Sanitary Facility	1.	EA	\$ _____	\$ _____
188	625	Construction Surveying (2% plus/minus Project Cost)	Lump	SUM	---	\$ _____
189	626	Mobilization (7% plus/minus Project Cost)	Lump	SUM	---	\$ _____
190	627	Epoxy Pavement Marking (asphalt only) (Roadway Striping) (two coats) (white)	73.	Gal	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
191	627	Epoxy Pavement Marking (asphalt only) (Roadway Striping) (two coats) (yellow)	58.	Gal	\$ _____	\$ _____
192	627	Preformed Plastic Pavement Marking (Type II) (Inlaid) (includes black contrast tape, 1.5" each side, total of 3") (Roundabout Striping) (white)	1,452.	SF	\$ _____	\$ _____
193	627	Preformed Plastic Pavement Marking (Type II) (Inlaid) (includes black contrast tape, 1.5" each side, total of 3") (Roundabout Striping) (yellow)	343.	SF	\$ _____	\$ _____
194	627	Preformed Thermoplastic Pavement Marking (Word-Symbol) (Asphalt and Concrete)	1,125.	SF	\$ _____	\$ _____
195	627	Preformed Thermoplastic Pavement Marking (X-Walk & Stop Line) (Asphalt and Concrete)	2,400.	SF	\$ _____	\$ _____
196	630	Traffic Control (Complete In Place)	Lump	SUM	---	\$ _____
197	630	Traffic Control Plan	Lump	SUM	---	\$ _____
198	630	Construction Phasing Plan	Lump	SUM	---	\$ _____
199	630	Temporary Paving	1,750.	SY	\$ _____	\$ _____
200	LSC	Soil Amendment (To be tilled)	102,147.	SF	\$ _____	\$ _____
201	LSC	Type 1 Rock - 1/2" Tan Granite	60,271.	SF	\$ _____	\$ _____
202	LSC	Type 2 Rock - 3" La Sal Purple	41,876.	SF	\$ _____	\$ _____
203	LSC	Landscape Boulder - Small (3'x2'x2')	189.	EACH	\$ _____	\$ _____
204	LSC	Landscape Boulder - Medium (2'x4'x2')	18.	EACH	\$ _____	\$ _____
205	LSC	Deciduous Tree ( 1 - 1/2 Inch Caliper)	59.	EACH	\$ _____	\$ _____
206	LSC	Deciduous Tree ( 2 Inch Caliper)	36.	EACH	\$ _____	\$ _____
207	LSC	Deciduous Shrub (1 Gallon Container)	240.	EACH	\$ _____	\$ _____
208	LSC	Deciduous Shrub (5 Gallon Container)	575.	EACH	\$ _____	\$ _____
209	LSC	Evgn Tree (6 Foot, B&B)	25.	EACH	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
210	LSC	Evergreen Shrubs (5 Gallon Container)	230.	EACH	\$ _____	\$ _____
211	LSC	Perennials (1 Gallon Container)	300.	EACH	\$ _____	\$ _____
212	LSC	Ornamental Grasses (1 Gallon Container)	200.	EACH	\$ _____	\$ _____
213	LSC	Connect to Existing Irr. Main (24 Road)		Lump SUM	---	\$ _____
214	LSC	Bore under N-bound 24 RD, N. Leach Creek & Ready Rock wall		Lump SUM	---	\$ _____
215	LSC	4 Inch PVC Irrigation Sleeve, 18" bury under walks	200.	LF	\$ _____	\$ _____
216	LSC	4 Inch PVC Irrigation Sleeve, 30" bury under roadways	30.	LF	\$ _____	\$ _____
217	LSC	6 Inch PVC Irrigation Sleeve, 18" bury under walks	160.	LF	\$ _____	\$ _____
218	LSC	6 Inch PVC Irrigation Sleeve, 30" bury under roadways	1,300.	LF	\$ _____	\$ _____
219	LSC	4" HDPE Mainline	5,333.	LF	\$ _____	\$ _____
220	LSC	1 Inch PVC Lateral Pipe	9,314.	LF	\$ _____	\$ _____
221	LSC	2 Inch PVC Lateral Pipe	3,102.	LF	\$ _____	\$ _____
222	LSC	Tracer Wire for all Mainline and PVC Lateral Pipes	17,749.	LF	\$ _____	\$ _____
223	LSC	3/4 Inch Quick Coupler Valve	1.	EACH	\$ _____	\$ _____
224	LSC	1 Inch Automatic Control Valve	8.	EACH	\$ _____	\$ _____
225	LSC	2-wire Control Wire	5,333.	LF	\$ _____	\$ _____
226	LSC	2-wire Control, including decoders, grounding		Lump SUM	---	\$ _____
227	LSC	Jumbo Valve Box	4.	EACH	\$ _____	\$ _____
228	LSC	Isolations Valves	15.	EACH	\$ _____	\$ _____
229	LSC	Manual Drain Valves	1.	EACH	\$ _____	\$ _____
230	LSC	Riser Assembly to Compression Tee (not incl. tree rings)	124.	EACH	\$ _____	\$ _____
231	LSC	1/2" Drip Tubing, No Emitters	9,706.	EACH	\$ _____	\$ _____
232	LSC	Netafim Drip Emitters (incl. 1/4" tubing)	4,135.	EACH	\$ _____	\$ _____
233	LSC	Tree Ring Assembly	120.	EACH	\$ _____	\$ _____
234	LSC	1/2 Inch Flush Box Assembly	76.	EACH	\$ _____	\$ _____
235	LSC	Air Relief/Pressure Relief Assembly	1.	EACH	\$ _____	\$ _____
236	ELEC	Type One Pull Box	67.	EA	\$ _____	\$ _____
237	ELEC	Wiring		Lump SUM	---	\$ _____
238	ELEC	Light Standard and Luminaire (Pedestrian)	60.	EA	\$ _____	\$ _____
239	ELEC	Light Standard Foundation (Pedestrian)	60.	EA	\$ _____	\$ _____
240	ELEC	Lighting Control Center PWR Pedestal (Special) (LCBP x1.74)	1.	EA	\$ _____	\$ _____
241	ELEC	Trench - Site Lighting and Electrical will require approximately 6,700 Linear Feet of Trenching.		Lump SUM	---	\$ _____
242	MCR	Minor Contract Revisions	---	---	---	\$ 600,000.00

**Bid Amount:** \$ \_\_\_\_\_**Bid Amount:**

\_\_\_\_\_ dollars



Purchasing Division

## ADDENDUM NO. 1

**DATE:** November 15, 2023  
**FROM:** City of Grand Junction Purchasing Division  
**TO:** All Offerors  
**RE:** F ½ Road Parkway Phase 1

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded, and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

- 1. Question:** Would it be acceptable to use HDPE in place of the RCP for the storm sewer system?  
**Answer:** Dual wall or corrugated polypropylene pipe will be considered an approved equivalent when installed in accordance with CDOT M Standards.
- 2. Question:** Is it possible to get an existing surface for the Project? We are looking for something similar to what was released on the 24 Road Project when it bid.  
**Answer:** For Bidders' convenience, please see the attached files. Click on the links to access.  
[PAVE LINES F.5 PKWY PH1.dwg](#)  
[EXISTING GROUND SURFACE MODEL.xml](#)  
[Addendum 1 Electronic File Disclaimer pdf.pdf](#)
- 3. Question:** Advanced Drainage Systems would like to provide an alternative to the Contech CDS units proposed on the F ½ Road Parkway Phase 1 project. Can you please provide the treatment and max bypass flow rate requirements, or design criteria, for the three-water quality hydrodynamic separators (structure 19, 20 and 206)?  
**Answer:** Structure - (206) WQ MH: 2-yr flow rate = 2.00 cfs; 100-yr flow rate = 5.00 cfs  
Structure – (1) WQ MH: 2-yr flow rate = 12.00 cfs; 100-yr flow rate = 30.00 cfs  
Water Quality Structures 19 & 20 are now only regular junction manholes, and have been replaced with a single, larger WQ manhole designated as Structure (1) as shown above. Structure 206 will remain as before.  
The 2-yr flow rate is considered the water quality event and must be treated. Each structure must also provide bypass of the 100-yr flowrate.  
Hydrodynamic Separators need to meet the water quality standards outlined in the Mesa County MS-4 Permit. The City has identified a preferred unit based on

maintenance familiarity; any other proposed units will need to be evaluated for suitability/maintenance requirements by the City.

- 4. Question:** Line item 40 in the bid schedule seems to be a duplicate but it also has no value.?
- Answer:** Line Item #40 is not a duplicate item. Some irrigation and storm items have been separated. Line Item #40 references irrigation structure #234 and is shown on sheets 68 & 79. The description and unit quantity have been updated. Line item #40 has now been designated as Line Item #41
- 5. Question:** Can we switch potholing from Lump Sum to Hours or Each?
- Answer:** It is acceptable for the potholing unit cost to be changed to (Each). Any additional potholing requested by the Contractor must have prior approval by the Project Engineer.
- 6. Question:** Line items 161 and 181 appear to be the same item. Can we have clarification on these items or add them together?
- Answer:** Line items 161 and 181 are the same but refer to different items. Line item 181 refers to sign locations on the mast arm, as well as on the push-button posts. Refer to signal plan for more detail.
- 7. Question:** For item 188, there is a note in parenthesis "2% Plus/Minus Project Cost", are we to assume that we can only be a maximum of 2% of the total cost of project for this item?
- Answer:** No. This was a note used internally to aid in the development of the budget. It should have no bearing on the Bidders' estimate. The Line-Item description has been updated in the bid schedule.
- 8. Question:** For item 189, there is a note in parenthesis "7% Plus/Minus Project Cost", same question as above. Are we limited to 7% of the project cost for this item?
- Answer:** Same answer as for question #7 above.
- 9. Question:** I would also like to ask if the City will allow ADS HP Storm pipe (dual gasketed polypropylene pipe) in lieu of RCP as shown on the plans. For reference, HP Storm was previously used on 24 and G road as an equal/alternate to RCP.
- Answer:** Please see response to Question #1. Dual wall or corrugated polypropylene pipe will be considered an approved equivalent when installed in accordance with CDOT M Standards.
- 10. Question:** Is there a bigger set of plans for the F 1/2 Road project? The plans show that they are printed on 8.5" x 11". Typically, we see them in at least 11" x 17". Just want to make sure that if I print them the scale is going to be correct.
- Answer:** The Bid Set Plans were printed as 11"x17" PDFs. The scale called-out on each plan sheets are to-scale when printed on 11"x17" hard copies.
- 11. Question:** Bid Item #9-#11. Is the contractor re-using the Ute fire hydrant and gate valve that is being removed or are the bid items for new? And is Ute doing the new tap in which they would supply the tap and valve for the hydrant?
- Answer:** Bid Line Items 9-11 are new items. The area in question is shown on Sheet 18, at the NE corner of F 1/2 Rd. & Market Street. The Contractor will tap and install






the valve and hydrant. Contractor is to coordinate with Ute Water prior to installation.

**12. Question:** Bid Item #105. Do you have a spec for the geogrid?

**Answer:** Item No. 104 should conform to CDOT Standard Specification 712.08 for Separator Fabric (Class 2). Item No. 105 should conform to CDOT Standard Specification 712.08 for Stabilization Fabric (Class 1). The CDOT Specification provides a link to a current list of approved products.

**Clarifications:**

1. Please see the attached Revised Bid Schedule, reflecting the clarifications from this Addendum.
2. Please see attached the Revised Landscape & Irrigation Plans reflecting the revised quantities for both landscaping and irrigation bid items.
3. Please see attached the Revised Construction Plan Set reflecting bid items specific to revised (landscaping & irrigation) sleeving quantities shown in Utility Plan sheets, and revised storm sewer structure quantities shown in Storm Drain Plan and Profile sheets.

 [2023-11-14 F.5 RD PKWY PH 1 ADDENDUM 1.pdf](#)  
 [F.5 RD PKWY Landscape Plans - Addendum 1.pdf](#)  
 [F.5 RD PKWY Irrigation Plans - Addendum 1.pdf](#)

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,



Dolly Daniels, Senior Buyer  
City of Grand Junction, Colorado

**Bid Schedule: F 1/2 RD PKWY PH1 Project - Addendum #1****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	108.2	8" Gravity Sewer Pipe (SDR 35)	1,627.	LF	\$ _____	\$ _____
2	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Complete in Place)	4.	EA	\$ _____	\$ _____
3	108.5	Sanitary Manhole Barrel Section (D>5')(48" I.D.)	23.	VLF	\$ _____	\$ _____
4	108.5	Connect to Existing Manhole or Sewer Main	1.	EA	\$ _____	\$ _____
5	108.3	8" End Cap/Plug Sewer	3.	EA	\$ _____	\$ _____
6	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)(Sewer)	1,500.	TON	\$ _____	\$ _____
7	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 138 lbs/cu.ft.)(Sewer)	285.	TON	\$ _____	\$ _____
8	108.2	6" Water Pipe (C-900 PVC)	15.	LF	\$ _____	\$ _____
9	108.3	6" Gate Valve	1.	EA	\$ _____	\$ _____
10	108.3	8" x 6" Tee	1.	EA	\$ _____	\$ _____
11	108.3	Fire Hydrant	1.	EA	\$ _____	\$ _____
12	108.2	Storm Drain Pipe - 30" Concrete Pipe	2,030.	LF	\$ _____	\$ _____
13	108.2	Storm Drain Pipe - 18" Concrete Pipe	793.	LF	\$ _____	\$ _____
14	108.2	Storm Drain Pipe - 12" Concrete Pipe	45.	LF	\$ _____	\$ _____
15	108.6	Storm Drain Manhole (60" ID)	5.	EA	\$ _____	\$ _____
16	108.6	Storm Sewer Treatment System. Contech CDS3020-6-C, or Engineer Approved equal. Complete in place.	1.	EA	\$ _____	\$ _____
17	108.6	Storm Sewer Treatment System. Contech CDS5653-10-C, or Engineer Approved equal. Complete in place.	1.	EA	\$ _____	\$ _____
18	108.6	Single Storm Drain Inlet with drive over curb opening (24" x 36")	2.	EA	\$ _____	\$ _____
19	108.6	Double Storm Drain Inlet with drive over curb opening (24" x 72")	2.	EA	\$ _____	\$ _____
20	108.6	Storm Drain Inlet with vertical curb opening (24" x 36")	1.	EA	\$ _____	\$ _____
21	108.6	Storm Drain - Large Area Inlet (24"x36")	7.	EA	\$ _____	\$ _____
22	108.6	Storm Drain - Double Large Area Inlet (24"x36")	1.	EA	\$ _____	\$ _____
23	108.5	Storm Drain - Manhole Barrel Section (D>5')(60" I.D.)	4.	VLF	\$ _____	\$ _____
24	108.5	Connect to Existing Manhole or Pipe	2.	EA	\$ _____	\$ _____
25	108.5	Connect to Existing Outlet Structure for Halls Estates	1.	EA	\$ _____	\$ _____
26	108.5	30" End Cap/Plug Irrigation	1.	EA	\$ _____	\$ _____
27	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)(Storm Drain)	950.	TON	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
28	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 138 lbs/cu.ft.)(Storm Drain)	500.	TON	\$ _____	\$ _____
29	108.2	Irrigation Pipe - 4" SDR-35 PVC	10.	LF	\$ _____	\$ _____
30	108.2	Irrigation Pipe - 6" SDR-35 PVC	64.	LF	\$ _____	\$ _____
31	108.2	Irrigation Pipe - 8" SDR-35 PVC	10.	LF	\$ _____	\$ _____
32	108.2	Irrigation Pipe - 12" SDR-35 PVC	57.	LF	\$ _____	\$ _____
33	108.2	Irrigation Pipe - 12" Corrugated HDPE Pipe	2,410.	LF	\$ _____	\$ _____
34	108.2	Irrigation Pipe - 18" Corrugated HDPE Pipe	730.	LF	\$ _____	\$ _____
35	108.2	Irrigation Earth ditch - Temporary - per plan	220.	LF	\$ _____	\$ _____
36	108.5	Irrigation Manhole (36" I.D.)	9.	EA	\$ _____	\$ _____
37	108.5	Irrigation Manhole (48" I.D.)	4.	EA	\$ _____	\$ _____
38	108.5	Irrigation Manhole (48" I.D.) Structures (25),(42),(41),(195),(170),&(232) per Details and Plan	6.	EA	\$ _____	\$ _____
39	108.5	Irrigation - Manhole Barrel Section (D>5')(36" I.D.)	31.	VLF	\$ _____	\$ _____
40	108.5	Irrigation - Manhole Barrel Section (D>5')(48" I.D.)	17.	VLF	\$ _____	\$ _____
41	108.6	Intercept Irrigation Drain - Large Area Inlet (24"x36")	1.	EA	\$ _____	\$ _____
42	108.12	ADS agricultural product - metal animal guard (finger) (pipe end guard) for 18-in Pipe	1.	EA	\$ _____	\$ _____
43	108.12	ADS agricultural product - metal animal guard (finger) (pipe end guard) for 12-in Pipe	1.	EA	\$ _____	\$ _____
44	108.5	Reset Irrigation Valve (Mundy)	1.	EA	\$ _____	\$ _____
45	108.5	Connect to Existing Manhole, Pipe, ETC..	13.	EA	\$ _____	\$ _____
46	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)(Irrigation)	640.	TON	\$ _____	\$ _____
47	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 138 lbs/cu.ft.)(Irrigation)	500.	TON	\$ _____	\$ _____
48	202	Remove Asphalt Mat. Full Depth.	5,610.	SY	\$ _____	\$ _____
49	202	Remove Concrete	1,580.	SY	\$ _____	\$ _____
50	202	Remove Redirock Headwall, Wingwall, and Underlying foundation at Box Culvert at the intersection of F 1/2 Rd and 24 Rd	1.	LS	\$ _____	\$ _____
51	202	Remove Water Valve	1.	EA	\$ _____	\$ _____
52	202	Remove Fire Hydrant	1.	EA	\$ _____	\$ _____
53	202	Remove End Section	1.	EA	\$ _____	\$ _____
54	202	Remove Irrigation Structure	3.	EA	\$ _____	\$ _____
55	202	Remove Light Pole	13.	EA	\$ _____	\$ _____
56	202	Remove Light Pole Base	13.	EA	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
57	202	Remove High Voltage Overhead Power Pole Foundation	1.	EA	\$ _____	\$ _____
58	202	Remove Pull Box	5.	EA	\$ _____	\$ _____
59	202	Remove Post	2.	EA	\$ _____	\$ _____
60	202	Remove Delineator	3.	EA	\$ _____	\$ _____
61	202	Remove Ground Sign	5.	EA	\$ _____	\$ _____
62	202	Remove Sod.	1,376.	SY	\$ _____	\$ _____
63	202	Remove Tree	15.	EA	\$ _____	\$ _____
64	202	Remove Tree Stump	3.	EA	\$ _____	\$ _____
65	202	Remove Bush	35.	EA	\$ _____	\$ _____
66	202	Remove Property Pin (no reference or reset)	3.	EA	\$ _____	\$ _____
67	202	Remove Fence (includes all gates and associated appurtenances)	2,703.	LF	\$ _____	\$ _____
68	202	Remove Plastic Fence Gate (Gale Property)	1.	EA	\$ _____	\$ _____
69	202	Remove Electric Feed (Subaru Lights)	600.	LF	\$ _____	\$ _____
70	202	Remove Pipe as shown on Plans	2,015.	LF	\$ _____	\$ _____
71	202	Remove Mail Box	4.	EA	\$ _____	\$ _____
72	202	Remove Signal Pole Steel Template and Return to City Traffic	1.	EA	\$ _____	\$ _____
73	202	Remove/Abandon Sprinkler System at 653 24 1/2 Rd.	1.	EA	\$ _____	\$ _____
74	202	Clearing and Grubbing	1.	LS	\$ _____	\$ _____
75	210	Adjust Sprinkler System at 651 Market St. (Subaru)	1.	EA	\$ _____	\$ _____
76	210	Adjust Sprinkler System at 650 Market St. (Hilton)	1.	EA	\$ _____	\$ _____
77	210	Adjust Sprinkler System at 648 Market St. (Regal)	1.	EA	\$ _____	\$ _____
78	210	Adjust Sprinkler System at 649 3/4 Serinity Ln (Halls Estates HOA)	1.	EA	\$ _____	\$ _____
79	210	Adjust Sprinkler System at 655 24 1/2 Rd (Beaslin)	1.	EA	\$ _____	\$ _____
80	210	Adjust Sprinkler System at 659 24 1/2 Rd (Mundy)	1.	EA	\$ _____	\$ _____
81	210	Adjust Water Valve to Finished Grade	6.	EA	\$ _____	\$ _____
82	210	Adjust Manhole to Finished Grade	8.	EA	\$ _____	\$ _____
83	210	Adjust inlet Frame and Grate to Finished Grade	2.	EA	\$ _____	\$ _____
84	210	Reset Water Meter	2.	EA	\$ _____	\$ _____
85	210	Adjust Pull Box to Finished Grade	7.	EA	\$ _____	\$ _____
86	210	Reset Light Standard	1.	EA	\$ _____	\$ _____
87	210	Reference/Reset Survey Monument	1.	EA	\$ _____	\$ _____
88	210	Reset Redirock Wall back to new Headwall (Leach Creek at the intersection of 24 Rd and F 1/2 Rd)	1.	EA	\$ _____	\$ _____
89	210	Reset Mail Box (Coordinate with USPS)	4.	EA	\$ _____	\$ _____
90	210	Reset Fence	200.	LF	\$ _____	\$ _____
91	210	Reset 4" Irrigation Valve (Mundy Property)	1.	EA	\$ _____	\$ _____
92	210	Reset Landscape Ground Cover (Subaru)	2,800.	SF	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
93	210	Reset Landscape Ground Cover (Hilton)	1,800.	SF	\$ _____	\$ _____
94	210	Reset Landscape Ground Cover (Regal)	500.	SF	\$ _____	\$ _____
95	210	Reset Landscape Ground Cover (Gale)	580.	SF	\$ _____	\$ _____
96	PH	POTHOLING	1.	LS	\$ _____	\$ _____
97	210	Reset Landscape Ground Cover (Halls Estates HOA)	1,600.	SF	\$ _____	\$ _____
98	203	Unclassified Excavation	41,309.	CY	\$ _____	\$ _____
99	203	Unclassified Embankment	4,502.	CY	\$ _____	\$ _____
100	203	Haul Earthwork Material	36,807.	CY	\$ _____	\$ _____
101	207	Topsoil (18" Thick) (all planting areas within ROW)	11,800.	SY	\$ _____	\$ _____
102	203	(Roadway Subgrade Stabilization) Muck Excavation	4,700.	CY	\$ _____	\$ _____
103	304	(Roadway Subgrade Stabilization) Aggregate Base Course (Class 3) (24" Thick)	7,000.	SY	\$ _____	\$ _____
104	304	(Roadway Subgrade Stabilization) Geotextile Separator (Mirifi RS580i or Equivalent) as Directed by Project Engineer	5,000.	SY	\$ _____	\$ _____
105	420	(Roadway Subgrade Stabilization) Geotextile Separator (CI 2)	7,000.	SY	\$ _____	\$ _____
106	420	(Roadway Subgrade Stabilization) Geogrid Reinforcement	7,000.	SY	\$ _____	\$ _____
107	208	Storm Drain Inlet Protection (Erosion Log filter at Drop Inlet)	9.	EA	\$ _____	\$ _____
108	208	Storm Drain Inlet Protection (Type II)	12.	EA	\$ _____	\$ _____
109	208	Storm Drain Inlet Protection (Type III)	2.	EA	\$ _____	\$ _____
110	208	Erosion Log	500.	LF	\$ _____	\$ _____
111	208	Prefabricated Vehicle Tracking Pad	3.	EA	\$ _____	\$ _____
112	208	Prefabricated Concrete Washout Structure	3.	EA	\$ _____	\$ _____
113	209	Dust Abatement	365.	DAYS	\$ _____	\$ _____
114	212	Seeding - Native Seed Mix	0.8	ACRE	\$ _____	\$ _____
115	304	Aggregate Base Course (Class 2) (14" Thick) (F 1/2 Rd Pkwy)	22,320.	SY	\$ _____	\$ _____
116	304	Aggregate Base Course (Class 2) (10" Thick) (24 1/2 Road)	2,215.	SY	\$ _____	\$ _____
117	304	Aggregate Base Course (Class 2) (16" Thick) (Roundabout)	6,400.	SY	\$ _____	\$ _____
118	304	Aggregate Base Course (Class 6) (12" Thick) (Driveway)	36.	SY	\$ _____	\$ _____
119	304	Aggregate Base Course (Class 6) (8" Thick) (Various Locations)	27,880.	SY	\$ _____	\$ _____
120	304	Aggregate Base Course (Class 6) (6" Thick) (24 1/2 Rd Shoulder)	370.	SY	\$ _____	\$ _____
121	304	Washed Rock Surface Course (Driveway) (3" Thick)	280.	SY	\$ _____	\$ _____
122	306	Reconditioning (6" Deep) (Various)	30,971.	SY	\$ _____	\$ _____
123	329	Sod. (To repair & Match Existing)	6,000.	SF	\$ _____	\$ _____
124	401	Asphalt Millings (4" thick) (1 1/2" max particle size) (Gale/Mundy Drive)	90.	TON	\$ _____	\$ _____



**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
125	401	Hot Mix Asphalt (4" thick) (Grading SX 100, Binder Grade 64-22) (Driveway)	8.	TON	\$ _____	\$ _____
126	401	Hot Mix Asphalt (2" thick) (Grading SX 100, Binder Grade 64-22) (Varies)	1,630.	TON	\$ _____	\$ _____
127	401	Hot Mix Asphalt (5" thick) (Grading SX 100, Binder Grade 64-22) (24 1/2 Rd)	578.	TON	\$ _____	\$ _____
128	401	Hot Mix Asphalt (5 1/2" thick) (Grading SX 100, Binder Grade 64-22) (F 1/2 Rd Pkwy)	3,844.	TON	\$ _____	\$ _____
129	401	Hot Mix Asphalt (2" thick) (Grading SX 100, Binder Grade 64-22) (T-Top on 24 1/2 Rd)	25.	TON	\$ _____	\$ _____
130	504	Concrete Wall (Class D) per M and S Standard M-601-20 (Wall Design Height 6' to 9' per plan). (Includes associated headwalls, footers, and toe walls) Work shall include approximately 1000 lbs. Reinforcing Steel (Epoxy Coated), Structural Concrete Coating (Exterior of wall), 12 cy Structural Backfill (Class 1) and any necessary appurtenances to	21.	CY	\$ _____	\$ _____
131	504	Precast Concrete Block Retaining Wall System (includes all necessary appurtenances, work, etc. to complete).	30.	FSF	\$ _____	\$ _____
132	506	Riprap (12 Inch) (Leach Creek)	30.	CY	\$ _____	\$ _____
133	506	Filter Material (Class B)	5.	CY	\$ _____	\$ _____
134	506	Geotextile (Drainage) (Class 1) (Nonwoven) (Geotextile is to be used with the Leach Creek Riprap Details)	45.	SY	\$ _____	\$ _____
135	603.3	Leach Creek Temporary Bypass Pumping (temporary to set up Leach Creek Bypass for Construction and to divert Leach Creek back to Tripple Box Culvert after box culvert construction)	10.	DAYS	\$ _____	\$ _____
136	603.3	Leach Creek Bypass for Construction (contractor to determine means and methods and submit plan prior to contract award)	1.	LS	\$ _____	\$ _____
137	603.3	Pipe Excavation (for Triple Conc Box Culvert) (includes Topsoil Removal, Muck Excavation, Stockpiling, Drying, etc.. See Box Culvert Typical Cross Section)	1,500.	CY	\$ _____	\$ _____
138	603.3	Pipe Stabilization (for Triple Conc Box Culvert) Imported Trench Backfill (Class 3 Aggregate) (24" Minimum Depth - See Box Culvert Typical Cross Section) (Assumed Unit Weight = 133 lbs/cu.ft.)	510.	TONS	\$ _____	\$ _____
139	603.3	Pipe Bedding (for Triple Conc Box Culvert) Aggregate Base Course (CDOT No. 57 Concrete Aggregate) (3 Each - 12" Thick Layers - See Box Culvert Typical Cross Section)	425.	CY	\$ _____	\$ _____
140	603.3	Geotextile Separator (for Triple Conc Box Culvert Pipe Bedding) (Class 1) (Woven) (See Box Culvert Typical Cross Section)	1,400.	SY	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
141	603.3	Triple - 6' x 12' Precast Concrete Box Culvert (can be constructed as three separate 6 x 12 C.B.C. sections placed side by side) (Includes all Haunching and Backfill Material) (Includes Grouted Connect to Existing)	86.	LF	\$ _____	\$ _____
142	603.3	Triple - 6' x 12' Cast in Place Concrete Box Culvert to accommodate Sewer Crossing (Includes all Haunching and Backfill Material)	1.	LF	\$ _____	\$ _____
143	608	Concrete Landscape Border (match existing in kind)	165.	LF	\$ _____	\$ _____
144	608	Concrete Pavement (Roundabout) (9" Thick) (CL P)	5,560.	SY	\$ _____	\$ _____
145	608	Concrete Curb and Spill Gutter (1.5' Wide) to include Class 6 Aggregate Base Course per Typical Cross Section	5,925.	LF	\$ _____	\$ _____
146	608	Concrete Truck Apron (Roundabout) (12" Thick) to include 8" of Class 6 Aggregate Base Course, 16" of Class 3 Aggregate Base Course, and 6" of subgrade reconditioning.	535.	SY	\$ _____	\$ _____
147	608	Concrete Curb (6" Wide) (6" High) to include Class 6 Aggregate Base Course per Typical Cross Section	650.	LF	\$ _____	\$ _____
148	608	Concrete Curb and Gutter (2' Wide) (both collector and spill gutters) to include Class 6 Aggregate Base Course per Typical Cross Section	5,165.	LF	\$ _____	\$ _____
149	608	Concrete Drive Over Curb and Gutter 3' wide and both collector and spill gutter to include Class 6 Aggregate Base Course per Typical Cross Section	660.	LF	\$ _____	\$ _____
150	608	Concrete Sidewalk (6" Thick) to include 6" of Class 6 Aggregate Base Course.	5,700.	SY	\$ _____	\$ _____
151	608	Concrete Drainage Pan (6' Wide) to include 6" of Class 6 Aggregate Base Course.	38.	LF	\$ _____	\$ _____
152	608	Concrete Median Island Nose (8" Thick) to include 6" of Class 6 Aggregate Base Course.	41.	SY	\$ _____	\$ _____
153	608	Concrete Curb Ramp to include 6" of Class 6 Aggregate Base Course.	335.	SY	\$ _____	\$ _____
154	608	Concrete Pavement (6" Thick) to include 6" of Class 6 Aggregate Base Course.	170.	SY	\$ _____	\$ _____
155	608	Concrete Driveway Section (8" Thick) (Commercial) to include 6" of Class 6 Aggregate Base Course.	225.	SY	\$ _____	\$ _____
156	608	Concrete Median Edging (1.5' Wide) (4" thick) (make sure not repeated landscape quantities)	5,555.	LF	\$ _____	\$ _____
157	608	Concrete Median Cover Material (6" Patterned Concrete) to include 6" of Class 6 Aggregate Base Course. (make sure not repeated landscape quantities)	815.	SY	\$ _____	\$ _____
158	608	Detectable Warning (Cast Iron, Wet Set) (2'x2)	130.	EA	\$ _____	\$ _____
159	613	2" Schedule 80 PVC (City Broadband)	15,615.	LF	\$ _____	\$ _____
160	613	2" Schedule 80 PVC (for Power to Lighting and Out Buildings - Outside edge of Joint Trench)	5,205.	LF	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
161	613	Large Splice Box (Quasite) (3' - 2 5/8" x 2'-2") Broadband Logo.	20.	EA	\$ _____	\$ _____
162	614	Sign Panel (CL I)	570.	SF	\$ _____	\$ _____
163	614	Sign Panel (CL II)	48.	SF	\$ _____	\$ _____
164	614	3 LB. U SHAPE CHANNEL STEEL POST	70.	EA	\$ _____	\$ _____
165	614	Steel Sign Support (2 1/2" round NP-40) (Pole/Slipbase)	4.	EA	\$ _____	\$ _____
166	503- 00048	Drilled Caisson (48 Inch)	42.	LF	\$ _____	\$ _____
167	503- 00048	Drilled Caisson (54 Inch)	21.	LF	\$ _____	\$ _____
168	613- 07004	Type Four Pull Box (Traffic) (24x36x24) PB3	1.	EA	\$ _____	\$ _____
169	613- 07005	Type Five Pull Box (Traffic) (30x48x24) PB1,PB2,PB4,&PB5	4.	EA	\$ _____	\$ _____
170	614	Spread Footer for Pedestrian Pole P5 (Contractor to provide Engineer Approved and Stamped Shop Drawings)	1.	EA	\$ _____	\$ _____
171	614- 70150	Pedestrian Signal Face (16) (Countdown)	8.	EA	\$ _____	\$ _____
172	614- 70336	Traffic Signal Face (12-12-12)	8.	EA	\$ _____	\$ _____
173	614- 70336b	Traffic Signal Face (12-12-12) (With Backplate and Retroreflective Border)	12.	EA	\$ _____	\$ _____
174	614- 72855	Traffic Signal Controller Cabinet	1.	EA	\$ _____	\$ _____
175	614- 72863	Pedestrian Push Button Post Assembly	4.	EA	\$ _____	\$ _____
176	614- 72886	Intersection Detection System (Camera)	4.	EA	\$ _____	\$ _____
177	614- 72886o	Intersection Detection System (Opticom)	4.	EA	\$ _____	\$ _____
178	614- 81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm) P2	1.	EA	\$ _____	\$ _____
179	614- 81160	Traffic Signal-Light Pole Steel (1-60 Foot Mast Arm) P3 & P4	2.	EA	\$ _____	\$ _____
180	614- 81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm) P1	1.	EA	\$ _____	\$ _____
181	614	Mount City Provided Sign on Mast Arm	4.	EA	\$ _____	\$ _____
182	614	Sign Panel (CL I)	36.	SF	\$ _____	\$ _____
183	614- 84000	Traffic Signal Pedestal Pole Steel P5	1.	EA	\$ _____	\$ _____
184	614- 87010	Fiber Optic Cable (Single Mode) (12 Fiber)	500.	LF	\$ _____	\$ _____
185	614- 87320	Closed Circuit Television	1.	EA	\$ _____	\$ _____
186	614- 87350	Test Fiber Optic Cable	1.	EA	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
187	614	2" PVC Conduit	2,100.	LF	\$ _____	\$ _____
188	620	Sanitary Facility	1.	EA	\$ _____	\$ _____
189	625	Construction Surveying	Lump	SUM	---	\$ _____
190	626	Mobilization	Lump	SUM	---	\$ _____
191	627	Epoxy Pavement Marking (asphalt only) (Roadway Striping) (two coats) (white)	73.	Gal	\$ _____	\$ _____
192	627	Epoxy Pavement Marking (asphalt only) (Roadway Striping) (two coats) (yellow)	58.	Gal	\$ _____	\$ _____
193	627	Preformed Plastic Pavement Marking (Type II) (Inlaid) (includes black contrast tape, 1.5" each side, total of 3") (Roundabout Striping) (white)	1,452.	SF	\$ _____	\$ _____
194	627	Preformed Plastic Pavement Marking (Type II) (Inlaid) (includes black contrast tape, 1.5" each side, total of 3") (Roundabout Striping) (yellow)	343.	SF	\$ _____	\$ _____
195	627	Preformed Thermoplastic Pavement Marking (Word-Symbol) (Asphalt and Concrete)	1,125.	SF	\$ _____	\$ _____
196	627	Preformed Thermoplastic Pavement Marking (X-Walk & Stop Line) (Asphalt and Concrete)	2,400.	SF	\$ _____	\$ _____
197	630	Traffic Control (Complete In Place)	Lump	SUM	---	\$ _____
198	630	Traffic Control Plan	Lump	SUM	---	\$ _____
199	630	Construction Phasing Plan	Lump	SUM	---	\$ _____
200	630	Temporary Paving	1,750.	SY	\$ _____	\$ _____
201	LSC	Soil Amendment (To be tilled)	35,528.	SF	\$ _____	\$ _____
202	LSC	Type 1 Rock - 1-1/2" Tan Granite (3" Depth)	65,371.	SF	\$ _____	\$ _____
203	LSC	Type 2 Rock - 1-1/2" Tan Granite (3" Depth), Plus 2-3" La Sal Purple, scattered at 1 CF/100 SF	35,203.	SF	\$ _____	\$ _____
204	LSC	Type 3 Rock - 2-3" La Sal Purple (3" Depth)	5,360.	SF	\$ _____	\$ _____
205	LSC	Landscape Boulder - Small (3'x2'x2')	259.	EACH	\$ _____	\$ _____
206	LSC	Landscape Boulder - Large (2'x4'x2')	18.	EACH	\$ _____	\$ _____
207	LSC	Deciduous Tree ( 1 - 1/2 Inch Caliper)	54.	EACH	\$ _____	\$ _____
208	LSC	Deciduous Tree ( 2 Inch Caliper)	38.	EACH	\$ _____	\$ _____
209	LSC	Deciduous Shrub (1 Gallon Container)	99.	EACH	\$ _____	\$ _____
210	LSC	Deciduous Shrub (5 Gallon Container)	264.	EACH	\$ _____	\$ _____
211	LSC	Evergreen Tree (6 Foot, B&B)	24.	EACH	\$ _____	\$ _____
212	LSC	Evergreen Shrubs (5 Gallon Container)	91.	EACH	\$ _____	\$ _____
213	LSC	Perennials (1 Gallon Container)	421.	EACH	\$ _____	\$ _____
214	LSC	Ornamental Grasses (1 Gallon Container)	351.	EACH	\$ _____	\$ _____
215	IRR	Connect to Existing Irr. Main (24 Road Median)	Lump	SUM	---	\$ _____
216	IRR	Bore under N-bound 24 RD, N. Leach Creek & Ready Rock wall	Lump	SUM	---	\$ _____

### Bid Schedule: F 1/2 RD PKWY PH1 Project

**Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
217	IRR	4 Inch PVC Irrigation Sleeve, 18" bury under walks	276.	LF	\$ _____	\$ _____
218	IRR	4 Inch PVC Irrigation Sleeve, 30" bury under roadways	442.	LF	\$ _____	\$ _____
219	IRR	6 Inch PVC Irrigation Sleeve, 30" bury under roadways	1,120.	LF	\$ _____	\$ _____
220	IRR	4" HDPE Mainline	5,253.	LF	\$ _____	\$ _____
221	IRR	1 Inch PVC Lateral Pipe	11,393.	LF	\$ _____	\$ _____
222	IRR	1-1/2 Inch PVC Lateral Pipe	802.	LF	\$ _____	\$ _____
223	IRR	Tracer Wire for all Mainline and PVC Lateral Pipes	17,448.	LF	\$ _____	\$ _____
224	IRR	3/4 Inch Quick Coupler Valve	1.	EACH	\$ _____	\$ _____
225	IRR	1 Inch Automatic Control Valve	8.	EACH	\$ _____	\$ _____
226	IRR	2-wire Control Wire	5,253.	LF	\$ _____	\$ _____
227	IRR	2-wire Control, including decoders, grounding	Lump SUM		---	\$ _____
228	IRR	Jumbo Valve Box	4.	EACH	\$ _____	\$ _____
229	IRR	Isolations Valves - For Mainline	11.	EACH	\$ _____	\$ _____
230	IRR	Isolations Valves - For Rain Garden Lateral Shutoff	6.	EACH	\$ _____	\$ _____
231	IRR	Manual Drain Valves	1.	EACH	\$ _____	\$ _____
232	IRR	Riser Assembly to Compression Tee (not incl. tree rings)	141.	EACH	\$ _____	\$ _____
233	IRR	1/2" Drip Tubing, No Emitters	10,484.	EACH	\$ _____	\$ _____
234	IRR	Netafim Drip Emitters (incl. 1/4" tubing)	2,960.	EACH	\$ _____	\$ _____
235	IRR	Tree Ring Assembly	119.	EACH	\$ _____	\$ _____
236	IRR	1/2 Inch Flush Box Assembly	72.	EACH	\$ _____	\$ _____
237	IRR	Air Relief/Pressure Relief Assembly	1.	EACH	\$ _____	\$ _____
238	ELEC	Type One Pull Box	67.	EA	\$ _____	\$ _____
239	ELEC	Wiring	Lump SUM		---	\$ _____
240	ELEC	Light Standard and Luminaire (Pedestrian)	60.	EA	\$ _____	\$ _____
241	ELEC	Light Standard Foundation (Pedestrian)	60.	EA	\$ _____	\$ _____
242	ELEC	Lighting Control Center PWR Pedestal (Special) (LCBP x1.74)	1.	EA	\$ _____	\$ _____
243	ELEC	Trench - Site Lighting and Electrical will require approximately 6,700 Linear Feet of Trenching.	Lump SUM		---	\$ _____
MCR		Minor Contract Revisions	---	---	---	\$ 600,000.00

**Bid Amount:** \$ \_\_\_\_\_

**Bid Amount:** \_\_\_\_\_ dollars

<b>Contractor Name:</b>
<b>Contractor Address:</b>
<b>Contractor Phone #:</b>





Purchasing Division

## ADDENDUM NO. 2

**DATE:** November 27, 2023  
**FROM:** City of Grand Junction Purchasing Division  
**TO:** All Offerors  
**RE:** F ½ Road Parkway Phase 1

**Note:** *Links in this Addendum work best when opened in Edge.*

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded, and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

- 1. Question:** Water: There are a few items for water line construction, but all the water plans state "By Others". Can we have clarification on where in the plan set this work is shown?

**Answer:** This question was clarified in the answer to question #11 in Addendum #1. Bid Line Items 8-11 are new items and refer to a fire hydrant & valve that is to be relocated. The hydrant & valve to be removed and replaced is shown on the Removal Plans (Sheet 18), as well as in the Utility Plans (Sheet 28). The location of the relocated fire hydrant is the NE corner of the intersection of F 1/2 Road & Market Street. The Contractor will tap and install the valve and hydrant. The Contractor is to coordinate with Ute Water prior to installation.
- 2. Question:** Storm: It appears that the quantities for storm manholes and storm water quality vaults may be incorrect. The plans are only showing 3 manholes and 2 water quality vaults between pages 55 and 63. Can we get a double check on these quantities?

**Answer:** Sheets 55-63 show a total of 5 storm manholes and 2 water quality manholes. The Addendum #1 revisions to the storm drain plan and profile sheets reflect the reduced number of water quality manholes from 3 to 2 and replaced WQMH(s) #19 & #20 with regular storm drain junction manholes. Thus, there are now 5 storm manholes, and 2 water quality manholes. Please refer to the revised storm drain plan and profile sheets included in Addendum #1.
- 3. Question:** General: Will there be a reciprocating bid preference for out-of-town bidders from counties/cities that have a bid preference?

**Answer:** No. There will be no preference given. The award will go to the lowest price/technically acceptable bidder.

- 4. Question:** Can you clarify which detail on page 87 is to be used for the Transverse Construction Joint “T”, and which detail for the Doweled Transverse Contraction Joint “DC”? I also need to verify whether or not the dowel baskets on Detail C, Page 87 are to be epoxy coated.
- Answer:** Transverse Construction Joint “T” shall refer to Detail C on page 87. For the Doweled Transverse Contraction Joint, see detail C. The chairs referenced in Detail C shall be epoxy coated. Please refer to 2023 CDOT Construction Specifications, Division 400, Section 412.38 (Construction Requirements).
- 5. Question:** At what sidewalk width should a center line joint be utilized?
- Answer:** Concrete walks greater than 7 feet in width shall be saw cut longitudinally at half the width.
- 6. Question:** There are two manholes that need adjustment as shown on Sheet 18. The bid schedule is calling for one. Just want to clarify how many of these adjustments there are and also, can the City clarify if these adjustments will require adjusting just the ring and cover or if they will require new barrel sections.
- Answer:** Bid Line Item #82 calls for (8) manholes to be adjusted to finished grade. Please refer to the existing surface model that was provided in Addendum #1, as well as Staking Plans, and various Plan and Profile sheets for which utility the manhole in question is part of. There should be ample surface design information provided within the Construction plans to determine what elevation change is needed for each manhole called-out to be adjusted. Please note that the City allows a maximum 1-ft of grade rings for manhole elevation adjustments.
- 7. Question:** Question on the asphalt spec. Plans show PG64-28 and bid schedule is calling for PG64-22. Please clarify which is correct.
- Answer:** The asphalt spec. has been revised to include Binder Grade PG 64-28. This is shown correctly in the Construction Plans, as well as in the provided Geotechnical Report. Bid Schedule line items have been updated to reflect the revision in the Binder Grade.
- 8. Question:** Addendum 1 states that it is okay to change potholing to the unit EACH, but the bid schedule stayed the same. Can the bid schedule be changed to reflect this?
- Answer:** The Bid Schedule has been revised to reflect the unit cost to (EACH).
- 9. Question:** I wanted to follow up on a question that was answered in Addendum No. 1. On question 1 the response says, “dual wall or corrugated polypropylene pipe will be considered.” We wanted to clarify that corrugated dial wall HDPE (polypropylene) watertight pipe will be accepted on this project.
- Answer:** Dual wall corrugated polypropylene storm drainpipe can be an acceptable alternative when installed according to CDOT M Standards. The City does not consider HDPE (polyethylene) as an acceptable alternative.
- 10. Question:** There is a note on sheet 53 on the far left under the “Suggested Construction Sequence” that states “All Work Shall Be Paid For Under Bid Item “Reset Redirock Wall – Lump Sum”, but the sequence include the headwall and wingwall which I believe have their own bid item. Is that correct?
- Answer:** The removal of the existing Redirock headwall, wingwall and underlying foundation at the existing box culvert has a unit cost of (Lump Sum). Re-setting

the existing Redirock block wall to new Headwall also has a unit cost of (Lump Sum). The removal work falls under a separate lump sum bid item compared to the re-setting of the Redirock blocks. The Bid Schedule and Construction Plan notes have been revised to reflect both Lump Sums.

**11. Question:** Does the City of Flow Rate data for Leach Creek at the F ½ Road intersection?

**Answer:** The City does not have specific flow rate data for Leach Creek. The flows are variable due to the inclusion of irrigation water. Bidders have access to some public flow data provided by Federal Agencies.

**12. Question:** Page 15 of the construction docs, the truck apron detail, says to “refer to landscape plans for concrete color and truck apron finishing details” but nothing is shown or called out on the landscaping plans. Can you please clarify?

**Answer:** The concrete color shall be Mocha, Davis Color Chart #6058. Color additive shall be added to concrete at a rate of 1 pound per sack of cement. After floating of the concrete material, the Contractor shall score the concrete as shown on the plans, and finish with a stiff, alternating broom finish. The landscape plans have been revised to reflect the additional information above and are included in Addendum #2 package.

**13. Question:** Bid Item 146 states that it includes 16” of Class 3 while all other sections state Class 2. Is the item description for item 146 correct?

**Answer:** The Truck Apron detail calls for 16” of Class (2), which is correct. Bid Schedule Line Item #146 has been revised to state Class 2 aggregate.

**14. Question:** I am looking to see if the plans for the Redi-Rock retaining wall that was previously installed along 24 Road in Leach Creek can be provided. These are needed to determine if any and what kind of shoring was installed during the construction of the wall.

**Answer:** For bidding purposes, the As-Built plans for the existing RediRock retaining wall, including a construction photo, is included in Addendum #2 package.

### **CLARIFICATIONS:**

1. Please see the revised Bid Schedule (**Attached**), reflecting the clarifications to the questions from the pre-bid meeting, as well as those after Addendum #1.
2. Please see updated Construction Plans that include minor revisions to sheets 1, 53, 84, 85, 86, and 88. [Revised Construction Bid Plan Set Printable 11 X 17](#)
3. Please see updated Landscaping Plans, reflecting the changes as a result from question #12 above. [Revised Landscape Plans](#)
4. Project Trailer location: The project limits provide for ample room for a project trailer to be placed within the property of 655 24 1/2 Road. Other adequate locations exist and can be discussed at the pre-construction meeting with the awarded Contractor.
5. As-Built drawings for the existing RediRock retaining wall along Leach Creek has been included as part of Addendum #2 package. [Redirock Wall Photo](#) [Redirock As-Builts](#)

6. For those bidders that have had difficulties in opening up the Construction Plans in 11"x17" PDF format, please let the Purchasing Agent know, and a link to the most current set of Construction Plans included as part of Addendum #2 will be provided. [Revised Construction Plans Printable 11 X 17](#)
7. The Contractor is to plan on removing approximately 4.1 vertical feet of existing concrete foundation for the relocated 230KV transmission tower.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,

A handwritten signature in blue ink that reads "Dolly Daniels". The signature is written in a cursive, flowing style.

Dolly Daniels, Senior Buyer  
City of Grand Junction, Colorado

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	108.2	8" Gravity Sewer Pipe (SDR 35)	1,627.	LF	\$ _____	\$ _____
2	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Complete in Place)	4.	EA	\$ _____	\$ _____
3	108.5	Sanitary Manhole Barrel Section (D>5')(48" I.D.)	23.	VLF	\$ _____	\$ _____
4	108.5	Connect to Existing Manhole or Sewer Main	1.	EA	\$ _____	\$ _____
5	108.3	8" End Cap/Plug Sewer	3.	EA	\$ _____	\$ _____
6	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)(Sewer)	1,500.	TON	\$ _____	\$ _____
7	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 138 lbs/cu.ft.)(Sewer)	285.	TON	\$ _____	\$ _____
8	108.2	6" Water Pipe (C-900 PVC)	15.	LF	\$ _____	\$ _____
9	108.3	6" Gate Valve	1.	EA	\$ _____	\$ _____
10	108.3	8" x 6" Tee	1.	EA	\$ _____	\$ _____
11	108.3	Fire Hydrant	1.	EA	\$ _____	\$ _____
12	108.2	Storm Drain Pipe - 30" Concrete Pipe	2,030.	LF	\$ _____	\$ _____
13	108.2	Storm Drain Pipe - 18" Concrete Pipe	793.	LF	\$ _____	\$ _____
14	108.2	Storm Drain Pipe - 12" Concrete Pipe	45.	LF	\$ _____	\$ _____
15	108.6	Storm Drain Manhole (60" ID)	5.	EA	\$ _____	\$ _____
16	108.6	Storm Sewer Treatment System. Contech CDS3020-6-C, or Engineer Approved equal. Complete in place.	1.	EA	\$ _____	\$ _____
17	108.6	Storm Sewer Treatment System. Contech CDS5653-10-C, or Engineer Approved equal. Complete in place.	1.	EA	\$ _____	\$ _____
18	108.6	Single Storm Drain Inlet with drive over curb opening (24" x 36")	2.	EA	\$ _____	\$ _____
19	108.6	Double Storm Drain Inlet with drive over curb opening (24" x 72")	2.	EA	\$ _____	\$ _____
20	108.6	Storm Drain Inlet with vertical curb opening (24" x 36")	1.	EA	\$ _____	\$ _____
21	108.6	Storm Drain - Large Area Inlet (24"x36")	7.	EA	\$ _____	\$ _____
22	108.6	Storm Drain - Double Large Area Inlet (24"x36")	1.	EA	\$ _____	\$ _____
23	108.5	Storm Drain - Manhole Barrel Section (D>5')(60" I.D.)	4.	VLF	\$ _____	\$ _____
24	108.5	Connect to Existing Manhole or Pipe	2.	EA	\$ _____	\$ _____
25	108.5	Connect to Existing Outlet Structure for Halls Estates	1.	EA	\$ _____	\$ _____
26	108.5	30" End Cap/Plug Irrigation	1.	EA	\$ _____	\$ _____
27	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)(Storm Drain)	950.	TON	\$ _____	\$ _____



**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
28	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 138 lbs/cu.ft.)(Storm Drain)	500.	TON	\$ _____	\$ _____
29	108.2	Irrigation Pipe - 4" SDR-35 PVC	10.	LF	\$ _____	\$ _____
30	108.2	Irrigation Pipe - 6" SDR-35 PVC	64.	LF	\$ _____	\$ _____
31	108.2	Irrigation Pipe - 8" SDR-35 PVC	10.	LF	\$ _____	\$ _____
32	108.2	Irrigation Pipe - 12" SDR-35 PVC	57.	LF	\$ _____	\$ _____
33	108.2	Irrigation Pipe - 12" Corrugated HDPE Pipe	2,410.	LF	\$ _____	\$ _____
34	108.2	Irrigation Pipe - 18" Corrugated HDPE Pipe	730.	LF	\$ _____	\$ _____
35	108.2	Irrigation Earth ditch - Temporary - per plan	220.	LF	\$ _____	\$ _____
36	108.5	Irrigation Manhole (36" I.D.)	9.	EA	\$ _____	\$ _____
37	108.5	Irrigation Manhole (48" I.D.)	4.	EA	\$ _____	\$ _____
38	108.5	Irrigation Manhole (48" I.D.) Structures (25),(42),(41),(195),(170),&(232) per Details and Plan	6.	EA	\$ _____	\$ _____
39	108.5	Irrigation - Manhole Barrel Section (D>5')(36" I.D.)	31.	VLF	\$ _____	\$ _____
40	108.5	Irrigation - Manhole Barrel Section (D>5')(48" I.D.)	17.	VLF	\$ _____	\$ _____
41	108.6	Intercept Irrigation Drain - Large Area Inlet (24"x36")	1.	EA	\$ _____	\$ _____
42	108.12	ADS agricultural product - metal animal guard (finger) (pipe end guard) for 18-in Pipe	1.	EA	\$ _____	\$ _____
43	108.12	ADS agricultural product - metal animal guard (finger) (pipe end guard) for 12-in Pipe	1.	EA	\$ _____	\$ _____
44	108.5	Reset Irrigation Valve (Mundy)	1.	EA	\$ _____	\$ _____
45	108.5	Connect to Existing Manhole, Pipe, ETC..	13.	EA	\$ _____	\$ _____
46	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)(Irrigation)	640.	TON	\$ _____	\$ _____
47	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 138 lbs/cu.ft.)(Irrigation)	500.	TON	\$ _____	\$ _____
48	202	Remove Asphalt Mat. Full Depth.	5,610.	SY	\$ _____	\$ _____
49	202	Remove Concrete	1,580.	SY	\$ _____	\$ _____
50	202	Remove Redirock Headwall, Wingwall, and Underlying foundation at Box Culvert at the intersection of F 1/2 Rd and 24 Rd	Lump	SUM	---	\$ _____
51	202	Remove Water Valve	1.	EA	\$ _____	\$ _____
52	202	Remove Fire Hydrant	1.	EA	\$ _____	\$ _____
53	202	Remove End Section	1.	EA	\$ _____	\$ _____
54	202	Remove Irrigation Structure	3.	EA	\$ _____	\$ _____
55	202	Remove Light Pole	13.	EA	\$ _____	\$ _____
56	202	Remove Light Pole Base	13.	EA	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
57	202	Remove High Voltage Overhead Power Pole Foundation	1.	EA	\$ _____	\$ _____
58	202	Remove Pull Box	5.	EA	\$ _____	\$ _____
59	202	Remove Post	2.	EA	\$ _____	\$ _____
60	202	Remove Delineator	3.	EA	\$ _____	\$ _____
61	202	Remove Ground Sign	5.	EA	\$ _____	\$ _____
62	202	Remove Sod.	1,376.	SY	\$ _____	\$ _____
63	202	Remove Tree	15.	EA	\$ _____	\$ _____
64	202	Remove Tree Stump	3.	EA	\$ _____	\$ _____
65	202	Remove Bush	35.	EA	\$ _____	\$ _____
66	202	Remove Property Pin (no reference or reset)	3.	EA	\$ _____	\$ _____
67	202	Remove Fence (includes all gates and associated appurtenances)	2,703.	LF	\$ _____	\$ _____
68	202	Remove Plastic Fence Gate (Gale Property)	1.	EA	\$ _____	\$ _____
69	202	Remove Electric Feed (Subaru Lights)	600.	LF	\$ _____	\$ _____
70	202	Remove Pipe as shown on Plans	2,015.	LF	\$ _____	\$ _____
71	202	Remove Mail Box	4.	EA	\$ _____	\$ _____
72	202	Remove Signal Pole Steel Template and Return to City Traffic	1.	EA	\$ _____	\$ _____
73	202	Remove/Abandon Sprinkler System at 653 24 1/2 Rd.	1.	EA	\$ _____	\$ _____
74	202	Clearing and Grubbing	1.	LS	\$ _____	\$ _____
75	210	Adjust Sprinkler System at 651 Market St. (Subaru)	1.	EA	\$ _____	\$ _____
76	210	Adjust Sprinkler System at 650 Market St. (Hilton)	1.	EA	\$ _____	\$ _____
77	210	Adjust Sprinkler System at 648 Market St. (Regal)	1.	EA	\$ _____	\$ _____
78	210	Adjust Sprinkler System at 649 3/4 Serinity Ln (Halls Estates HOA)	1.	EA	\$ _____	\$ _____
79	210	Adjust Sprinkler System at 655 24 1/2 Rd (Beaslin)	1.	EA	\$ _____	\$ _____
80	210	Adjust Sprinkler System at 659 24 1/2 Rd (Mundy)	1.	EA	\$ _____	\$ _____
81	210	Adjust Water Valve to Finished Grade	6.	EA	\$ _____	\$ _____
82	210	Adjust Manhole to Finished Grade	8.	EA	\$ _____	\$ _____
83	210	Adjust inlet Frame and Grate to Finished Grade	2.	EA	\$ _____	\$ _____
84	210	Reset Water Meter	2.	EA	\$ _____	\$ _____
85	210	Adjust Pull Box to Finished Grade	7.	EA	\$ _____	\$ _____
86	210	Reset Light Standard	1.	EA	\$ _____	\$ _____
87	210	Reference/Reset Survey Monument	1.	EA	\$ _____	\$ _____
88	210	Reset Redirock Wall back to new Headwall (Leach Creek at the intersection of 24 Rd and F 1/2 Rd)	Lump	SUM	---	\$ _____
89	210	Reset Mail Box (Coordinate with USPS)	4.	EA	\$ _____	\$ _____
90	210	Reset Fence	200.	LF	\$ _____	\$ _____
91	210	Reset 4" Irrigation Valve (Mundy Property)	1.	EA	\$ _____	\$ _____
92	210	Reset Landscape Ground Cover (Subaru)	2,800.	SF	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
93	210	Reset Landscape Ground Cover (Hilton)	1,800.	SF	\$ _____	\$ _____
94	210	Reset Landscape Ground Cover (Regal)	500.	SF	\$ _____	\$ _____
95	210	Reset Landscape Ground Cover (Gale)	580.	SF	\$ _____	\$ _____
96	PH	POTHOLING	20.	EA	\$ _____	\$ _____
97	210	Reset Landscape Ground Cover (Halls Estates HOA)	1,600.	SF	\$ _____	\$ _____
98	203	Unclassified Excavation	41,309.	CY	\$ _____	\$ _____
99	203	Unclassified Embankment	4,502.	CY	\$ _____	\$ _____
100	203	Haul Earthwork Material	36,807.	CY	\$ _____	\$ _____
101	207	Topsoil (18" Thick) (all planting areas within ROW)	11,800.	SY	\$ _____	\$ _____
102	203	(Roadway Subgrade Stabilization) Muck Excavation	4,700.	CY	\$ _____	\$ _____
103	304	(Roadway Subgrade Stabilization) Aggregate Base Course (Class 3) (24" Thick)	7,000.	SY	\$ _____	\$ _____
104	304	(Roadway Subgrade Stabilization) Geotextile Separator (Mirifi RS580i or Equivalent) as Directed by Project Engineer	5,000.	SY	\$ _____	\$ _____
105	420	(Roadway Subgrade Stabilization) Geotextile Separator (CI 2)	7,000.	SY	\$ _____	\$ _____
106	420	(Roadway Subgrade Stabilization) Geogrid Reinforcement	7,000.	SY	\$ _____	\$ _____
107	208	Storm Drain Inlet Protection (Erosion Log filter at Drop Inlet)	9.	EA	\$ _____	\$ _____
108	208	Storm Drain Inlet Protection (Type II)	12.	EA	\$ _____	\$ _____
109	208	Storm Drain Inlet Protection (Type III)	2.	EA	\$ _____	\$ _____
110	208	Erosion Log	500.	LF	\$ _____	\$ _____
111	208	Prefabricated Vehicle Tracking Pad	3.	EA	\$ _____	\$ _____
112	208	Prefabricated Concrete Washout Structure	3.	EA	\$ _____	\$ _____
113	209	Dust Abatement	365.	DAYS	\$ _____	\$ _____
114	212	Seeding - Native Seed Mix	0.8	ACRE	\$ _____	\$ _____
115	304	Aggregate Base Course (Class 2) (14" Thick) (F 1/2 Rd Pkwy)	22,320.	SY	\$ _____	\$ _____
116	304	Aggregate Base Course (Class 2) (10" Thick) (24 1/2 Road)	2,215.	SY	\$ _____	\$ _____
117	304	Aggregate Base Course (Class 2) (16" Thick) (Roundabout)	6,400.	SY	\$ _____	\$ _____
118	304	Aggregate Base Course (Class 6) (12" Thick) (Driveway)	36.	SY	\$ _____	\$ _____
119	304	Aggregate Base Course (Class 6) (8" Thick) (Various Locations)	27,880.	SY	\$ _____	\$ _____
120	304	Aggregate Base Course (Class 6) (6" Thick) (24 1/2 Rd Shoulder)	370.	SY	\$ _____	\$ _____
121	304	Washed Rock Surface Course (Driveway) (3" Thick)	280.	SY	\$ _____	\$ _____
122	306	Reconditioning (6" Deep) (Various)	30,971.	SY	\$ _____	\$ _____
123	329	Sod. (To repair & Match Existing)	6,000.	SF	\$ _____	\$ _____
124	401	Asphalt Millings (4" thick) (1 1/2" max particle size) (Gale/Mundy Drive)	90.	TON	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
125	401	Hot Mix Asphalt (4" thick) (Grading SX 100, Binder Grade 64-22) (Driveway)	8.	TON	\$ _____	\$ _____
126	401	Hot Mix Asphalt (2" thick) (Grading SX 100, Binder Grade 64-28) (Varies)	1,631.	TON	\$ _____	\$ _____
127	401	Hot Mix Asphalt (5" thick) (Grading SX 100, Binder Grade 64-22) (24 1/2 Rd)	578.	TON	\$ _____	\$ _____
128	401	Hot Mix Asphalt (5 1/2" thick) (Grading SX 100, Binder Grade 64-22) (F 1/2 Rd Pkwy)	3,844.	TON	\$ _____	\$ _____
129	401	Hot Mix Asphalt (2" thick) (Grading SX 100, Binder Grade 64-28) (T-Top on 24 1/2 Rd)	25.	TON	\$ _____	\$ _____
130	504	Concrete Wall (Class D) per M and S Standard M-601-20 (Wall Design Height 6' to 9' per plan). (Includes associated headwalls, footers, and toe walls) Work shall include approximately 1000 lbs. Reinforcing Steel (Epoxy Coated), Structural Concrete Coating (Exterior of wall), 12 cy Structural Backfill (Class 1) and any necessary appurtenances to	21.	CY	\$ _____	\$ _____
131	504	Precast Concrete Block Retaining Wall System (includes all necessary appurtenances, work, etc. to complete).	30.	FSF	\$ _____	\$ _____
132	506	Riprap (12 Inch) (Leach Creek)	30.	CY	\$ _____	\$ _____
133	506	Filter Material (Class B)	5.	CY	\$ _____	\$ _____
134	506	Geotextile (Drainage) (Class 1) (Nonwoven) (Geotextile is to be used with the Leach Creek Riprap Details)	45.	SY	\$ _____	\$ _____
135	603.3	Leach Creek Temporary Bypass Pumping (temporary to set up Leach Creek Bypass for Construction and to divert Leach Creek back to Tripple Box Culvert after box culvert construction)	10.	DAYS	\$ _____	\$ _____
136	603.3	Leach Creek Bypass for Construction (contractor to determine means and methods and submit plan prior to contract award)	1.	LS	\$ _____	\$ _____
137	603.3	Pipe Excavation (for Triple Conc Box Culvert) (includes Topsoil Removal, Muck Excavation, Stockpiling, Drying, etc.. See Box Culvert Typical Cross Section)	1,500.	CY	\$ _____	\$ _____
138	603.3	Pipe Stabilization (for Triple Conc Box Culvert) Imported Trench Backfill (Class 3 Aggregate) (24" Minimum Depth - See Box Culvert Typical Cross Section) (Assumed Unit Weight = 133 lbs/cu.ft.)	510.	TONS	\$ _____	\$ _____
139	603.3	Pipe Bedding (for Triple Conc Box Culvert) Aggregate Base Course (CDOT No. 57 Concrete Aggregate) (3 Each - 12" Thick Layers - See Box Culvert Typical Cross Section)	425.	CY	\$ _____	\$ _____
140	603.3	Geotextile Separator (for Triple Conc Box Culvert Pipe Bedding) (Class 1) (Woven) (See Box Culvert Typical Cross Section)	1,400.	SY	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
141	603.3	Triple - 6' x 12' Precast Concrete Box Culvert (can be constructed as three separate 6 x 12 C.B.C. sections placed side by side) (Includes all Haunching and Backfill Material) (Includes Grouted Connect to Existing)	86.	LF	\$ _____	\$ _____
142	603.3	Triple - 6' x 12' Cast in Place Concrete Box Culvert to accommodate Sewer Crossing (Includes all Haunching and Backfill Material)	1.	LF	\$ _____	\$ _____
143	608	Concrete Landscape Border (match existing in kind)	165.	LF	\$ _____	\$ _____
144	608	Concrete Pavement (Roundabout) (9" Thick) (CL P)	5,560.	SY	\$ _____	\$ _____
145	608	Concrete Curb and Spill Gutter (1.5' Wide) to include Class 6 Aggregate Base Course per Typical Cross Section	5,925.	LF	\$ _____	\$ _____
146	608	Concrete Truck Apron (Roundabout) (12" Thick) to include 8" of Class 6 Aggregate Base Course, 16" of Class 2 Aggregate Base Course, and 6" of subgrade reconditioning.	535.	SY	\$ _____	\$ _____
147	608	Concrete Curb (6" Wide) (6" High) to include Class 6 Aggregate Base Course per Typical Cross Section	650.	LF	\$ _____	\$ _____
148	608	Concrete Curb and Gutter (2' Wide) (both collector and spill gutters) to include Class 6 Aggregate Base Course per Typical Cross Section	5,165.	LF	\$ _____	\$ _____
149	608	Concrete Drive Over Curb and Gutter 3' wide and both collector and spill gutter to include Class 6 Aggregate Base Course per Typical Cross Section	660.	LF	\$ _____	\$ _____
150	608	Concrete Sidewalk (6" Thick) to include 6" of Class 6 Aggregate Base Course.	5,700.	SY	\$ _____	\$ _____
151	608	Concrete Drainage Pan (6' Wide) to include 6" of Class 6 Aggregate Base Course.	38.	LF	\$ _____	\$ _____
152	608	Concrete Median Island Nose (8" Thick) to include 6" of Class 6 Aggregate Base Course.	41.	SY	\$ _____	\$ _____
153	608	Concrete Curb Ramp to include 6" of Class 6 Aggregate Base Course.	335.	SY	\$ _____	\$ _____
154	608	Concrete Pavement (6" Thick) to include 6" of Class 6 Aggregate Base Course.	170.	SY	\$ _____	\$ _____
155	608	Concrete Driveway Section (8" Thick) (Commercial) to include 6" of Class 6 Aggregate Base Course.	225.	SY	\$ _____	\$ _____
156	608	Concrete Median Edging (1.5' Wide) (4" thick) (make sure not repeated landscape quantities)	5,555.	LF	\$ _____	\$ _____
157	608	Concrete Median Cover Material (6" Patterned Concrete) to include 6" of Class 6 Aggregate Base Course. (make sure not repeated landscape quantities)	120.	SY	\$ _____	\$ _____
158	608	Detectable Warning (Cast Iron, Wet Set) (2'x2)	130.	EA	\$ _____	\$ _____
159	613	2" Schedule 80 PVC (City Broadband)	15,615.	LF	\$ _____	\$ _____
160	613	2" Schedule 80 PVC (for Power to Lighting and Out Buildings - Outside edge of Joint Trench)	5,205.	LF	\$ _____	\$ _____



**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
161	613	Large Splice Box (Quasite) (3' - 2 5/8" x 2'-2") Broadband Logo.	20.	EA	\$ _____	\$ _____
162	614	Sign Panel (CL I)	570.	SF	\$ _____	\$ _____
163	614	Sign Panel (CL II)	48.	SF	\$ _____	\$ _____
164	614	3 LB. U SHAPE CHANNEL STEEL POST	70.	EA	\$ _____	\$ _____
165	614	Steel Sign Support (2 1/2" round NP-40) (Pole/Slipbase)	4.	EA	\$ _____	\$ _____
166	503- 00048	Drilled Caisson (48 Inch)	42.	LF	\$ _____	\$ _____
167	503- 00048	Drilled Caisson (54 Inch)	21.	LF	\$ _____	\$ _____
168	613- 07004	Type Four Pull Box (Traffic) (24x36x24) PB3	1.	EA	\$ _____	\$ _____
169	613- 07005	Type Five Pull Box (Traffic) (30x48x24) PB1,PB2,PB4,&PB5	4.	EA	\$ _____	\$ _____
170	614	Spread Footer for Pedestrian Pole P5 (Contractor to provide Engineer Approved and Stamped Shop Drawings)	1.	EA	\$ _____	\$ _____
171	614- 70150	Pedestrian Signal Face (16) (Countdown)	8.	EA	\$ _____	\$ _____
172	614- 70336	Traffic Signal Face (12-12-12)	8.	EA	\$ _____	\$ _____
173	614- 70336b	Traffic Signal Face (12-12-12) (With Backplate and Retroreflective Border)	12.	EA	\$ _____	\$ _____
174	614- 72855	Traffic Signal Controller Cabinet	1.	EA	\$ _____	\$ _____
175	614- 72863	Pedestrian Push Button Post Assembly	4.	EA	\$ _____	\$ _____
176	614- 72886	Intersection Detection System (Camera)	4.	EA	\$ _____	\$ _____
177	614- 72886o	Intersection Detection System (Opticom)	4.	EA	\$ _____	\$ _____
178	614- 81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm) P2	1.	EA	\$ _____	\$ _____
179	614- 81160	Traffic Signal-Light Pole Steel (1-60 Foot Mast Arm) P3 & P4	2.	EA	\$ _____	\$ _____
180	614- 81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm) P1	1.	EA	\$ _____	\$ _____
181	614	Mount City Provided Sign on Mast Arm	4.	EA	\$ _____	\$ _____
182	614	Sign Panel (CL I)	36.	SF	\$ _____	\$ _____
183	614- 84000	Traffic Signal Pedestal Pole Steel P5	1.	EA	\$ _____	\$ _____
184	614- 87010	Fiber Optic Cable (Single Mode) (12 Fiber)	500.	LF	\$ _____	\$ _____
185	614- 87320	Closed Circuit Television	1.	EA	\$ _____	\$ _____
186	614- 87350	Test Fiber Optic Cable	1.	EA	\$ _____	\$ _____

**Bid Schedule: F 1/2 RD PKWY PH1 Project****Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
187	614	2" PVC Conduit	2,100.	LF	\$ _____	\$ _____
188	620	Sanitary Facility	1.	EA	\$ _____	\$ _____
189	625	Construction Surveying	Lump	SUM	---	\$ _____
190	626	Mobilization	Lump	SUM	---	\$ _____
191	627	Epoxy Pavement Marking (asphalt only) (Roadway Striping) (two coats) (white)	73.	Gal	\$ _____	\$ _____
192	627	Epoxy Pavement Marking (asphalt only) (Roadway Striping) (two coats) (yellow)	58.	Gal	\$ _____	\$ _____
193	627	Preformed Plastic Pavement Marking (Type II) (Inlaid) (includes black contrast tape, 1.5" each side, total of 3") (Roundabout Striping) (white)	1,452.	SF	\$ _____	\$ _____
194	627	Preformed Plastic Pavement Marking (Type II) (Inlaid) (includes black contrast tape, 1.5" each side, total of 3") (Roundabout Striping) (yellow)	343.	SF	\$ _____	\$ _____
195	627	Preformed Thermoplastic Pavement Marking (Word-Symbol) (Asphalt and Concrete)	1,125.	SF	\$ _____	\$ _____
196	627	Preformed Thermoplastic Pavement Marking (X-Walk & Stop Line) (Asphalt and Concrete)	2,400.	SF	\$ _____	\$ _____
197	630	Traffic Control (Complete In Place)	Lump	SUM	---	\$ _____
198	630	Traffic Control Plan	Lump	SUM	---	\$ _____
199	630	Construction Phasing Plan	Lump	SUM	---	\$ _____
200	630	Temporary Paving	1,750.	SY	\$ _____	\$ _____
201	LSC	Soil Amendment (To be tilled)	35,528.	SF	\$ _____	\$ _____
202	LSC	Type 1 Rock - 1-1/2" Tan Granite (3" Depth)	65,371.	SF	\$ _____	\$ _____
203	LSC	Type 2 Rock - 1-1/2" Tan Granite (3" Depth), Plus 2-3" La Sal Purple, scattered at 1 CF/100 SF	35,203.	SF	\$ _____	\$ _____
204	LSC	Type 3 Rock - 2-3" La Sal Purple (3" Depth)	5,360.	SF	\$ _____	\$ _____
205	LSC	Landscape Boulder - Small (3'x2'x2')	259.	EACH	\$ _____	\$ _____
206	LSC	Landscape Boulder - Large (2'x4'x2')	18.	EACH	\$ _____	\$ _____
207	LSC	Deciduous Tree ( 1 - 1/2 Inch Caliper)	54.	EACH	\$ _____	\$ _____
208	LSC	Deciduous Tree ( 2 Inch Caliper)	38.	EACH	\$ _____	\$ _____
209	LSC	Deciduous Shrub (1 Gallon Container)	99.	EACH	\$ _____	\$ _____
210	LSC	Deciduous Shrub (5 Gallon Container)	264.	EACH	\$ _____	\$ _____
211	LSC	Evergreen Tree (6 Foot, B&B)	24.	EACH	\$ _____	\$ _____
212	LSC	Evergreen Shrubs (5 Gallon Container)	91.	EACH	\$ _____	\$ _____
213	LSC	Perennials (1 Gallon Container)	421.	EACH	\$ _____	\$ _____
214	LSC	Ornamental Grasses (1 Gallon Container)	351.	EACH	\$ _____	\$ _____
215	IRR	Connect to Existing Irr. Main (24 Road Median)	Lump	SUM	---	\$ _____
216	IRR	Bore under N-bound 24 RD, N. Leach Creek & Ready Rock wall	Lump	SUM	---	\$ _____

### Bid Schedule: F 1/2 RD PKWY PH1 Project

**Contractor:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
217	IRR	4 Inch PVC Irrigation Sleeve, 18" bury under walks	276.	LF	\$ _____	\$ _____
218	IRR	4 Inch PVC Irrigation Sleeve, 30" bury under roadways	442.	LF	\$ _____	\$ _____
219	IRR	6 Inch PVC Irrigation Sleeve, 30" bury under roadways	1,120.	LF	\$ _____	\$ _____
220	IRR	4" HDPE Mainline	5,253.	LF	\$ _____	\$ _____
221	IRR	1 Inch PVC Lateral Pipe	11,393.	LF	\$ _____	\$ _____
222	IRR	1-1/2 Inch PVC Lateral Pipe	802.	LF	\$ _____	\$ _____
223	IRR	Tracer Wire for all Mainline and PVC Lateral Pipes	17,448.	LF	\$ _____	\$ _____
224	IRR	3/4 Inch Quick Coupler Valve	1.	EACH	\$ _____	\$ _____
225	IRR	1 Inch Automatic Control Valve	8.	EACH	\$ _____	\$ _____
226	IRR	2-wire Control Wire	5,253.	LF	\$ _____	\$ _____
227	IRR	2-wire Control, including decoders, grounding	Lump SUM		---	\$ _____
228	IRR	Jumbo Valve Box	4.	EACH	\$ _____	\$ _____
229	IRR	Isolations Valves - For Mainline	11.	EACH	\$ _____	\$ _____
230	IRR	Isolations Valves - For Rain Garden Lateral Shutoff	6.	EACH	\$ _____	\$ _____
231	IRR	Manual Drain Valves	1.	EACH	\$ _____	\$ _____
232	IRR	Riser Assembly to Compression Tee (not incl. tree rings)	141.	EACH	\$ _____	\$ _____
233	IRR	1/2" Drip Tubing, No Emitters	10,484.	EACH	\$ _____	\$ _____
234	IRR	Netafim Drip Emitters (incl. 1/4" tubing)	2,960.	EACH	\$ _____	\$ _____
235	IRR	Tree Ring Assembly	119.	EACH	\$ _____	\$ _____
236	IRR	1/2 Inch Flush Box Assembly	72.	EACH	\$ _____	\$ _____
237	IRR	Air Relief/Pressure Relief Assembly	1.	EACH	\$ _____	\$ _____
238	ELEC	Type One Pull Box	67.	EA	\$ _____	\$ _____
239	ELEC	Wiring	Lump SUM		---	\$ _____
240	ELEC	Light Standard and Luminaire (Pedestrian)	60.	EA	\$ _____	\$ _____
241	ELEC	Light Standard Foundation (Pedestrian)	60.	EA	\$ _____	\$ _____
242	ELEC	Lighting Control Center PWR Pedestal (Special) (LCBP x1.74)	1.	EA	\$ _____	\$ _____
243	ELEC	Trench - Site Lighting and Electrical will require approximately 6,700 Linear Feet of Trenching.	Lump SUM		---	\$ _____
MCR		Minor Contract Revisions	---	---	---	\$ 600,000.00

**Bid Amount:** \$ \_\_\_\_\_

**Bid Amount:** \_\_\_\_\_ dollars

<b>Contractor Name:</b>
<b>Contractor Address:</b>
<b>Contractor Phone #:</b>



Purchasing Division

## ADDENDUM NO. 3

**DATE:** November 29, 2023  
**FROM:** City of Grand Junction Purchasing Division  
**TO:** All Offerors  
**RE:** F ½ Road Parkway Phase 1

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded, and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

- 1. Question:** Is the proposed median edging in the median of F.5 Rd (sta 51+25 – 55+75) to be doweled into the existing curb and gutter per the City's retrofit detail?

**Answer:** The new concrete median edging against the existing curb and gutter (Sta. 51+25-55+75) does not need to be doweled.
- 2. Question:** Can you provide anticipated flow rates / volumes in Leach Creek so we can adequately estimate the necessary By-Pass Pumping required? In addition, any information, or recommendations the City has for how / when to complete this work in order to work at Low Flow times would be helpful.

**Answer:** Please see response to question #11 from Addendum #2. In addition, the irrigation laterals contribute to Leach Creek starting in early April through the end of October. The lowest flows in Leach Creek are typically November through March.
- 3. Question:** Can you confirm that all materials testing, and construction surveying is the responsibility of the contractor and not the City of GJ?

**Answer:** Construction surveying will be the responsibility of the Contractor. The Contractor/Supplier are responsible for performing Quality Control (QC) testing as required on the project. The City will be responsible for performing all necessary Quality Assurance (QA) testing. The City will be working with a 3<sup>rd</sup> party QA testing consultant for backfill compaction, concrete testing, asphalt testing, materials testing, and any other tests that are deemed necessary. Please refer to Section 401.06.3 of the City of Grand Junction Standard Specifications for Road and Bridge Construction for further details regarding the submittal of QC testing results to the City.

- 4. Question:** Does the city require a construction site office trailer for project meetings?  
**Answer:** The City does not require a construction trailer for project meetings. The City's preference is to conduct bi-weekly meetings at City Public Works (244 N. 7<sup>th</sup> Street), or at an agreeable location on-site, or convenient location for both the City and Contractor. Alternative locations will be discussed at the pre-construction meeting after contract award.
- 5. Question:** Is the contractor responsible for public information and / or notifications to adjacent businesses during the project?  
**Answer:** The City will be responsible for large public notifications and or meetings. However, the Contractor will be responsible for necessary door hangers, and or coordination with individual property owners.
- 6. Question:** Would the city consider extending the Bid Response Date by at least one week? (Dec. 12<sup>th</sup>)  
**Answer:** The current Bid Response Deadline will be upheld at the original date of December 5<sup>th</sup> at 2:00PM.
- 7. Question:** I was just needing some clarification on whether or not Joint Type C "Transverse Contraction Joint" contains the dowel baskets. Detail C on the M-412-1 sheet shows dowel baskets but it's called out as a Doweled Transverse Contraction Joint.  
**Answer:** The Joint Type C "Transverse Contraction Joint" shall include doweled baskets. Detail C on CDOT Standard Plan M-412-1 applies to Joint Types C, DC & T.
- 8. Question:** I had a question regarding the landscape drawings issued with addendum 2. Concrete note 1 on sheet L11 states "all colored concrete on project shall be Davis #6058 (3 lbs) 'Mocha', **except where noted**".  
- Detail C on sheet L10 calls out Spanish Gold for the median edging material.  
- #6058 Mocha is a 1 lbs color.  
I would assume the median cover material, median edging, and truck apron would be Mocha (1 lbs) to match the 24 & G project. Please confirm.  
**Answer:** All colored concrete for the F ½ PKWY Phase 1 Project shall be #6058 Mocha, rather than the Spanish Gold. The City would like to match the colors used in the 24 & G Road project.

**Clarification:**

1. For bidders that see the Construction Plans in 8.5"x11" PDF format rather than 11"x17" PDFs, please let Dolly Daniels know, and she will provide a direct link to the Project Engineer's OneDrive folder that contains the correct 11"x17" PDF Plan Set.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,



Dolly Daniels, Senior Buyer  
City of Grand Junction, Colorado





Purchasing Division

## **ADDENDUM NO. 4**

**DATE: November 30, 2023**  
**FROM: City of Grand Junction Purchasing Division**  
**TO: All Offerors**  
**RE: F ½ Road Parkway Phase 1**

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded, and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. The attached **electrical plans** were omitted from the original solicitation be error. Please see attached.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.



Respectfully,

A handwritten signature in blue ink that reads "Dolly Daniels".

Dolly Daniels, Senior Buyer  
City of Grand Junction, Colorado

PEDESTRIAN LIGHTING GENERAL NOTES:

1. THIS PROJECT WILL BE BID FOR THE INSTALLATION OF PEDESTRIAN LIGHTING, UNDERPASS LIGHTING, LIFT STATION POWER AND INSTALLATION OF POWER PEDESTAL PP1. BASE PROJECT: COMPLETE THE PEDESTRIAN LIGHTING AROUND THE F 1/2 RD PARKWAY (PHASE 1), PROJECT.
2. THIS PROJECT CONSISTS OF WORK TO INSTALL ALL WIRING, CONDUIT, PULL BOXES, AND POWER PANELS. REFERENCE SCHEDULE OF LIGHTING DEVICES AND SUMMARY OF QUANTITIES.
3. TYPES "SA" LIGHT STANDARD & LUMINARIES (PEDESTRIAN LIGHT), PAY ITEM 613-30003, SHALL INCLUDE THE FOLLOWING ITEMS FROM ILLUMINATION SYSTEMS LIGHTING LOCATED AT 5 SOUTH KALAMATH STREET, DENVER, CO 80223, 303.295.2900, OR EQUAL. THE ITEMS NUMBERS ARE AS FOLLOWS: TYPE "SA" 1A-1527LED-R-12L-40-T2-MDL018-SV1-EZ-H55-OAFT/450P414-.125/BK
4. PROVIDE COLLISION BREAK AWAY CONNECTORS FOR TYPE "SA" FIXTURES. TYPE "SA" FIXTURES TO BE 12 FOOT ABOVE FINISHED GRADE TO BOTTOM OF LIGHT.
5. PROVIDE NEW MILBANK PANEL "PP1", 240V, 1φ, 3W 100A, 16 CIRCUITS SWITCHED AND 16 CIRCUITS NOT SWITCHED, MODEL #CP3B51C10A22C5XCSL16 LOCATED AS SHOWN IN DRAWINGS.
6. ALL PEDESTRIAN LIGHTING FIXTURES (TYPE "SA") INSTALLED ON THE PROJECT WILL BE CONTROLLED WITH A ELECTRICAL CONTRACTOR SUPPLIED PHOTOCELL TO BE LOCATED IN NEW MILBANK POWER PEDESTAL IN SWITCHED SECTION OF PANEL. ORIENT PANEL SO THAT PHOTOCELL WILL BE ORIENTED TO NORTH, TYPICAL.
7. PROVIDE 2" PVC SCHEDULE 80 CONDUIT BETWEEN EACH JUNCTION BOX LABELED "UB".
8. PROVIDE #10 THWN TRACER WIRE IN NEW CONDUIT TO FACILITATE LOCATION OF CONDUIT IN THE FUTURE.
9. ELEVATIONS SHOWN IN THE SCHEDULE OF LIGHTING DEVICES ON THE PLANS SHEETS REPRESENT THE DESIGN FINISHED GRADE OR THE EXISTING GROUND FINISHED GRADE. THESE ELEVATIONS DO NOT INDICATE THE TOP ELEVATION OF THE LUMINARIES (PEDESTRIAN) FOUNDATION. PEDESTRIAN LIGHTING FOUNDATIONS SHALL BE CONSTRUCTED PER THE MANUFACTURERS RECOMMENDATIONS.
10. PULL BOXES FOR LIGHT STANDARD (PEDESTRIAN AND STREET) WILL BE TYPE 1 CDOT PULL BOXES 11"X18"X12".
11. PULL BOXES WILL BE INSTALLED IN GRADES WITHOUT CONCRETE WHERE POSSIBLE.
12. ALL ELECTRICAL CONDUIT SHALL BE SCHEDULE 80 PVC UNLESS NOTED OTHERWISE, TYPICAL.
13. UNLESS OTHERWISE NOTED, THE WORK DESCRIBED ON THE PLANS SHALL INCLUDE PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM. FURNISH ALL REQUIRED ITEMS WHETHER SUCH ARE SPECIFICALLY SHOWN OR NOT.
14. INFORMATION SHOWN ON DRAWINGS IS DIAGRAMMATIC ONLY AND SHALL NOT BE SCALED. OBTAIN VERIFY EXACT LOCATIONS, MEASUREMENTS, LEVELS, SPACE REQUIREMENTS, POTENTIAL CONFLICTS AMONG TRADES AND FOR ADJUSTING THE WORK REQUIRED BY THE ACTUAL CONDITIONS OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDER GROUND OBSTRUCTIONS AND MAKING ALLOWANCES FOR FIELD ADJUSTMENT OF LOCATION OF LUMINARIES TO AVOID SHUT DOWN OF ANY SERVICES OR SYSTEMS THAT ARE TO REMAIN.
15. BEFORE SUBMITTING THE BID ELECTRICAL CONTRACTOR SHALL VISIT AND EXAMINE THE PREMISES AND/OR JOB SITE SO AS TO ASCERTAIN THE EXISTING CONDITIONS IN WHICH THE CONTRACTOR WILL BE OBLIGED TO OPERATE IN PERFORMING HIS PART OF THE CONTRACT TO ANTICIPATE ANY POSSIBLE SPACE RESTRICTIONS OR CONSTRAINTS THAT COULD AFFECT THE TIMELY COMPLETION OF THE ELECTRICAL WORK IN ACCORDANCE WITH THE INTENT OF THE SPECIFICATIONS AND DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL REPORT TO THE THE PROJECT ENGINEER OR GENERAL CONTRACTOR ANY CONDITIONS THAT MIGHT PREVENT THE SPECIFIED ELECTRICAL WORK FROM BEING PERFORMED IN THE MANNER INTENDED. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED TO THE ELECTRICAL CONTRACTOR FOR FAILURE TO VISIT THE PROJECT SITE, OR FOR ANY ALLEGED MISUNDERSTANDING OF THE MATERIALS TO BE FURNISHED OR WORK TO BE DONE..
16. THE ELECTRICAL CONTRACTOR SHALL EXAMINE THE DRAWINGS OF ALL TRADES WHOSE WORK RELATES TO OR IS DEPENDENT ON ELECTRICAL WORK TO BECOME FULLY INFORMED OF THE EXTENT AND CHARACTER OF THEIR SPECIFIED WORK AND BE ABLE TO COORDINATE WITH OTHER TRADES WHILE AVOIDING POSSIBLE INTERFERENCE WITH THE ELECTRICAL WORK.
17. THE CONTRACTOR SHALL USE CONDUIT PLUGS AND SEALING PLUGS FOR SEALING ALL EMPTY CONDUITS AND CONDUITS OCCUPIED WITH CABLING, RESPECTIVELY, INSTALLED UNDER THIS CONTRACT. CONDUIT PLUGS SHALL BE MANUFACTURED FROM HIGH-IMPACT PLASTIC COMPONENTS, COMBINED WITH DURABLE ELASTIC GASKETS. THEY SHALL BE CORROSION PROOF AND APPROPRIATE FOR USE AS EITHER A LONG-TERM OR TEMPORARY SEAL. CONDUIT PLUGS SHALL BE REMOVABLE AND REUSABLE. THEY SHALL BE BOTH WATERTIGHT AND AIRTIGHT TO PREVENT THE FLOW OF WATER AND BUILDUP OF SEDIMENTATION WITHIN THE CONDUIT. EACH CONDUIT PLUG SHALL BE EQUIPPED WITH A ROPE TIE DEVICE TO ALLOW THE SECURING OF PULL ROPE TO THE PLUG'S BACK COMPRESSION PLATE. THE CONTRACTOR SHALL ATTACH THE PULL ROPE TO THE BACK COMPRESSION PLATE OF THE PLUG AND STORE EXCESS SLACK PULL ROPE BEHIND THE PLUG WITHIN THE CONDUIT FOR FUTURE USE.

- PP1-X ELECTRICAL CIRCUIT NUMBER (REFER TO PANEL SCHEDULES)
- UB  NEW HEAVY DUTY, TRAFFIC RATED, FLUSH-TO-GRADE POLYMER CONCRETE SPLICE BOX WITH HEAVY DUTY, TRAFFIC RATED, BOLTED COVER, 11"X18"X12" TYPE 1. NUMBER ASSOCIATED IS NOT THE QUANTITY BUT THE IDENTIFIER ONLY.
-  UNDER GROUND BURIED RACEWAY (2#4 THWN CU AND 1#8 GND) IN 2" PVC CONDUIT (UNLESS NOTED OTHERWISE ON PLANS) IN 24" DEEP TRENCH, BURY AND COMPACTED BACKFILL TO CITY STANDARDS.
-  INSTALL SINGLE ARM PEDESTRIAN STANDARD OR STREET STANDARD AS SPECIFIED. NUMBER ASSOCIATED IS NOT THE QUANTITY BUT THE IDENTIFIER ONLY.



Know what's below.  
Call before you dig.



**ACM CONSULTING**  
ELECTRICAL DESIGN, CONSULTING  
ENGINEERS: PH: 970-245-7292  
PO 3211 GRAND JCT., CO 81592  
EMAIL: joelm@ACMengr.com

REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
REVISION Δ			AJM	19/27/23
REVISION Δ			AJM	19/27/23
REVISION Δ			AJM	19/27/23
REVISION Δ			BH	19/27/23



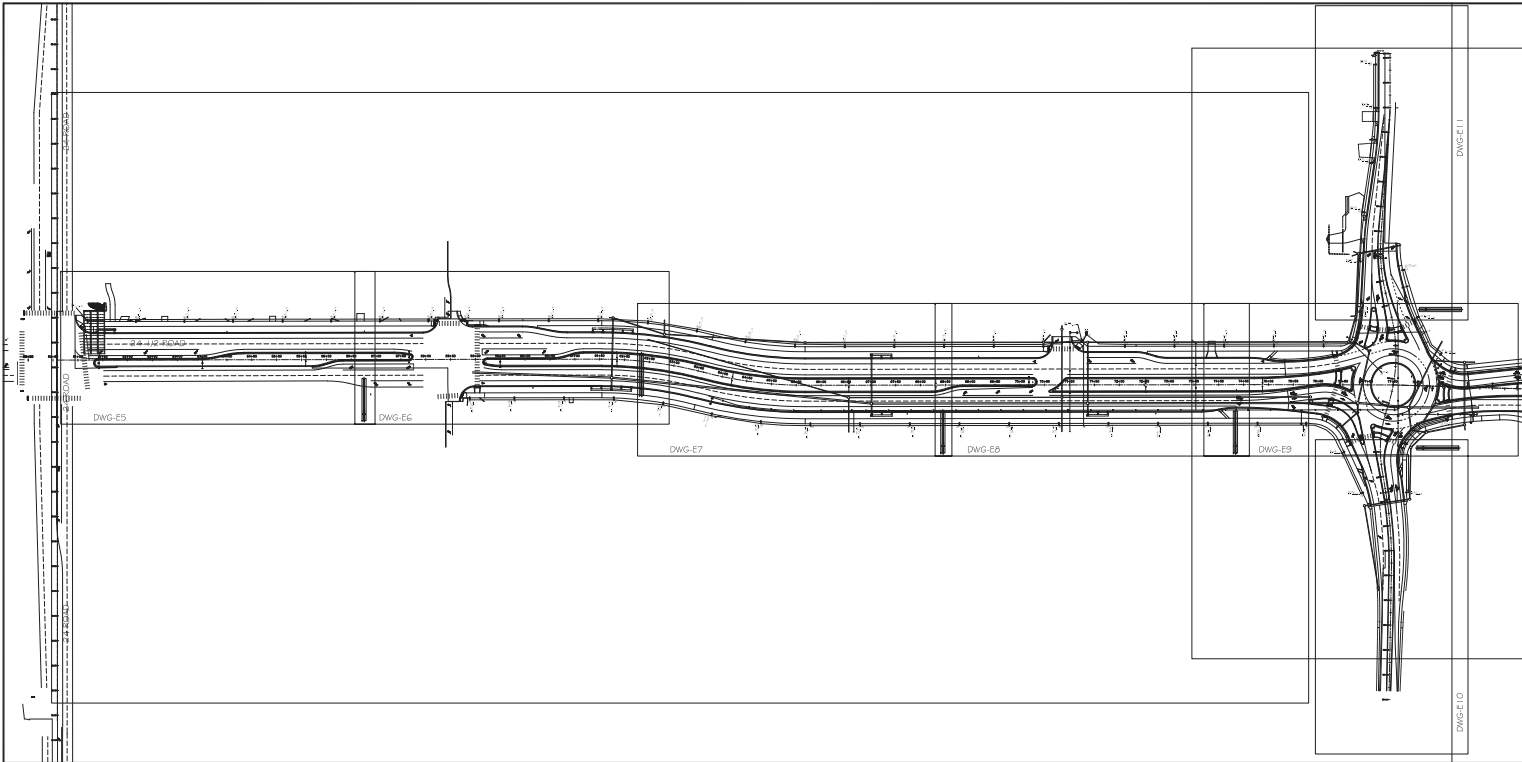
PUBLIC WORKS  
ENGINEERING DIVISION

F 1/2 RD PARKWAY, PH 1  
COVER SHEET PLAN

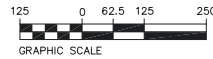
E1  
of 16







**LIGHTING/ELECTRICAL PLAN KEY MAP PHASE 1**



SCALE: 1"=250'



Know what's below.  
Call before you dig.



**ACM CONSULTING**  
ELECTRICAL DESIGN CONSULTING  
ENGINEERS; PH: 970-245-7292  
PO 3211 GRAND JCT., CO 81502  
EMAIL: joel@ACMEngr.com

REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
REVISION Δ	-	-	AJM	19/27/23
REVISION Δ	-	-	AJM	19/27/23
REVISION Δ	-	-	AJM	19/27/23
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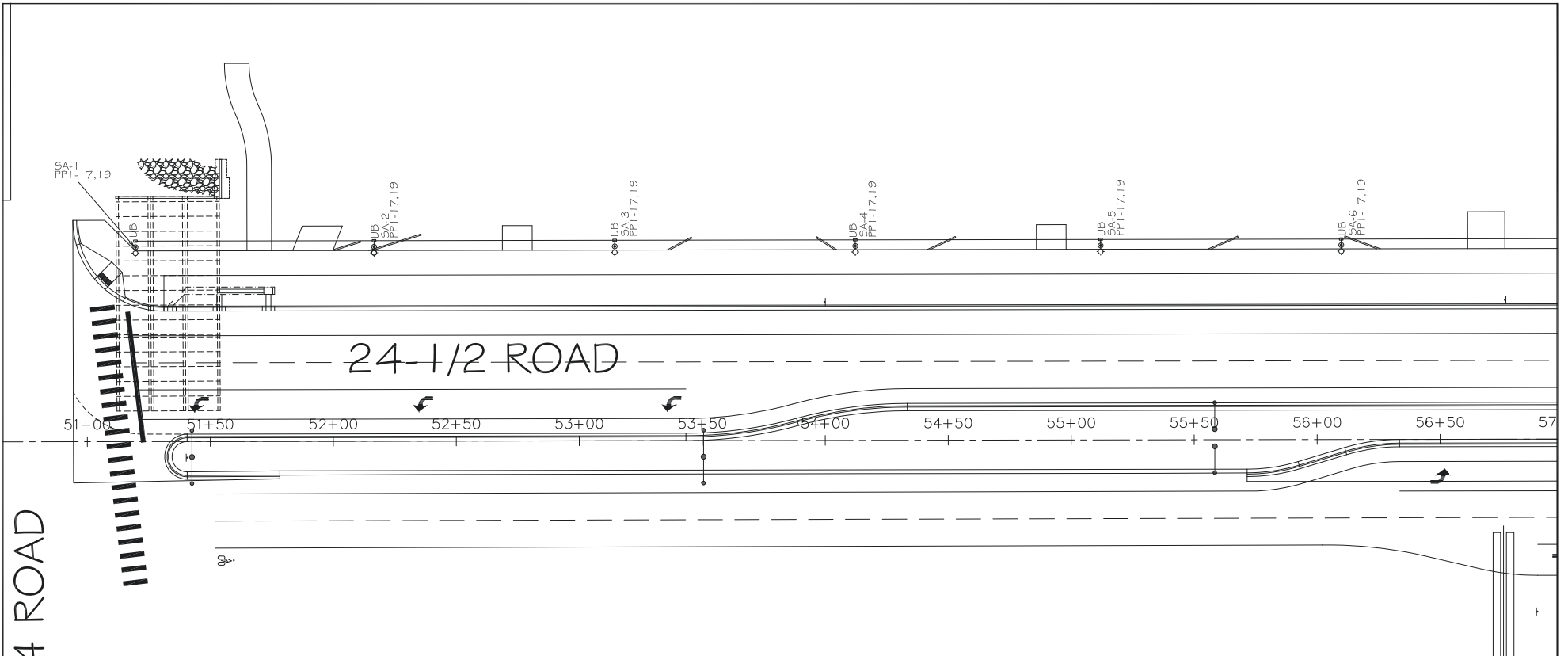


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F 1/2 RD PARKWAY, PH 1  
SITE LIGHTING PLAN

E4  
of 16





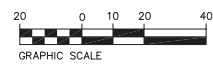
24 ROAD

24 1/2 ROAD

51+00 51+50 52+00 52+50 53+00 53+50 54+00 54+50 55+00 55+50 56+00 56+50 57

**LIGHTING/ELECTRICAL PLAN PHASE 1**

SCALE: 1"=40'



**GENERAL NOTES:**

1. POWER CIRCUIT AS SHOWN ON DRAWING, TYPICAL.
2. LIGHT TO BE ORIENTED TO BE PERPENDICULAR TO SIDEWALK AND SHINE ON SIDEWALK, TYPICAL.
3. PROVIDE 2-#4 THWN + #6GND IN 2" PVC SCHEDULE 80 CONDUIT BETWEEN PULL BOXES UNLESS SHOWN OTHERWISE, TYPICAL. WIRE LIGHTS IN PARALLEL NOT SERIES TO REDUCE VOLTAGE DROP.

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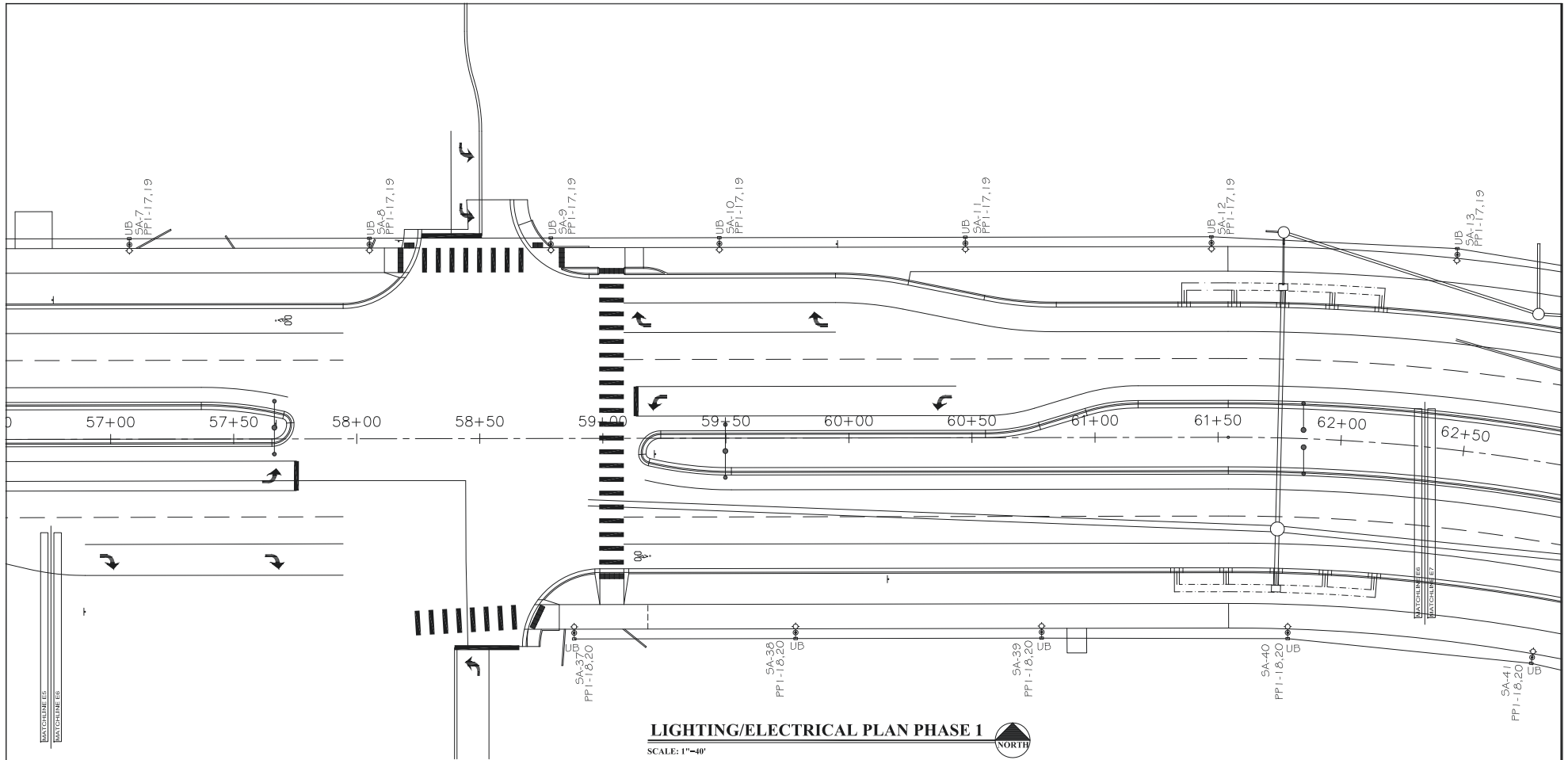
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SITE LIGHTING PLAN

E5  
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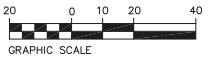
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SITE LIGHTING PLAN

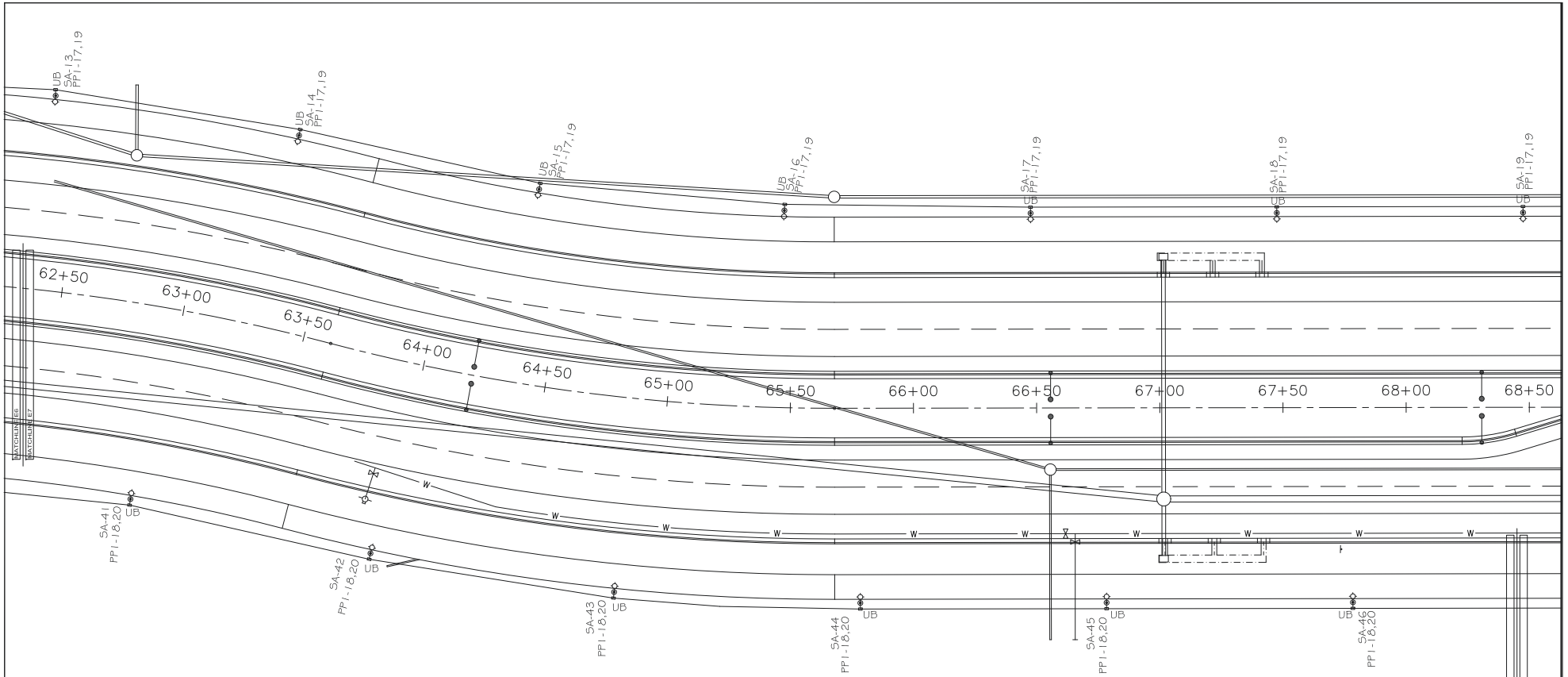
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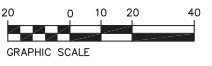


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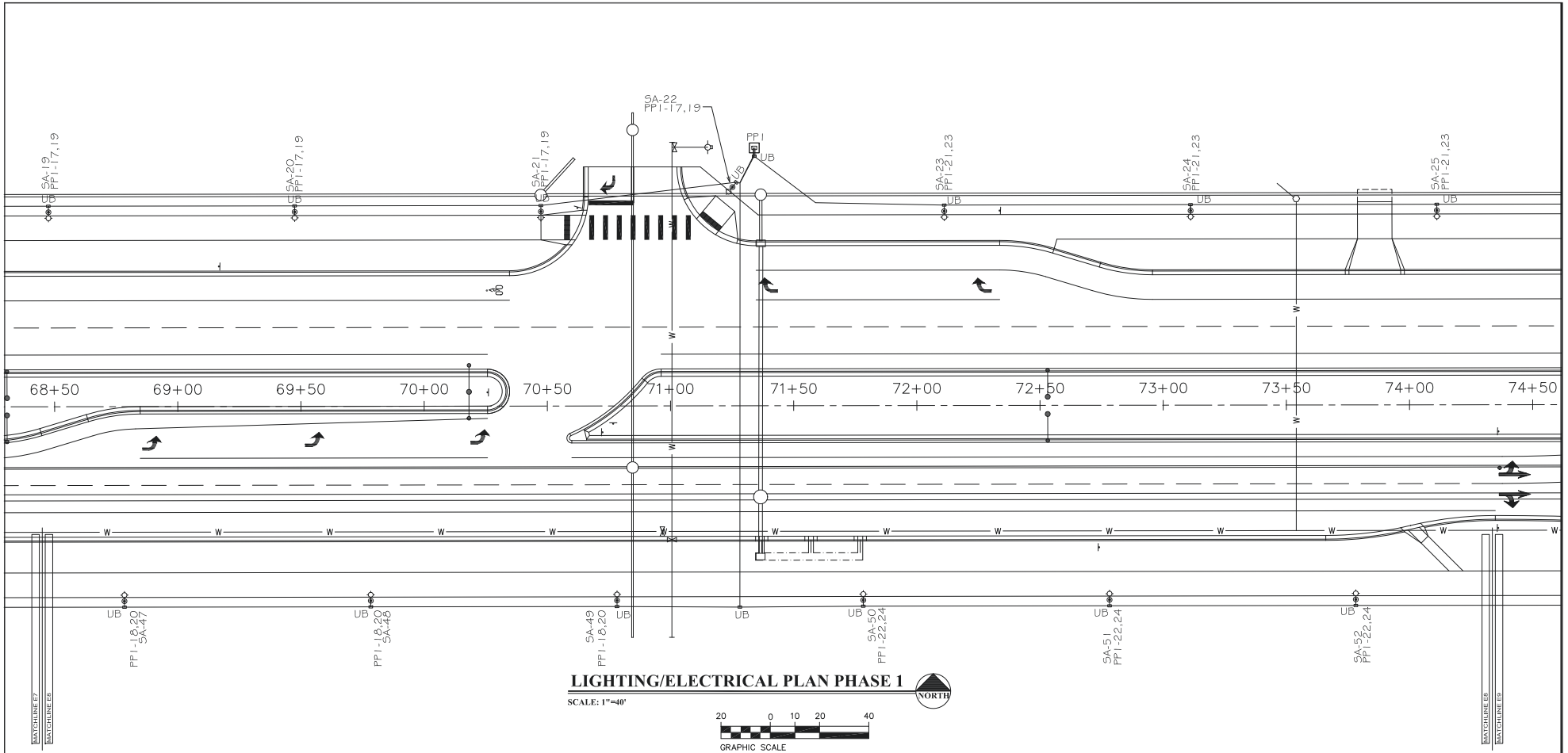
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SITE LIGHTING PLAN

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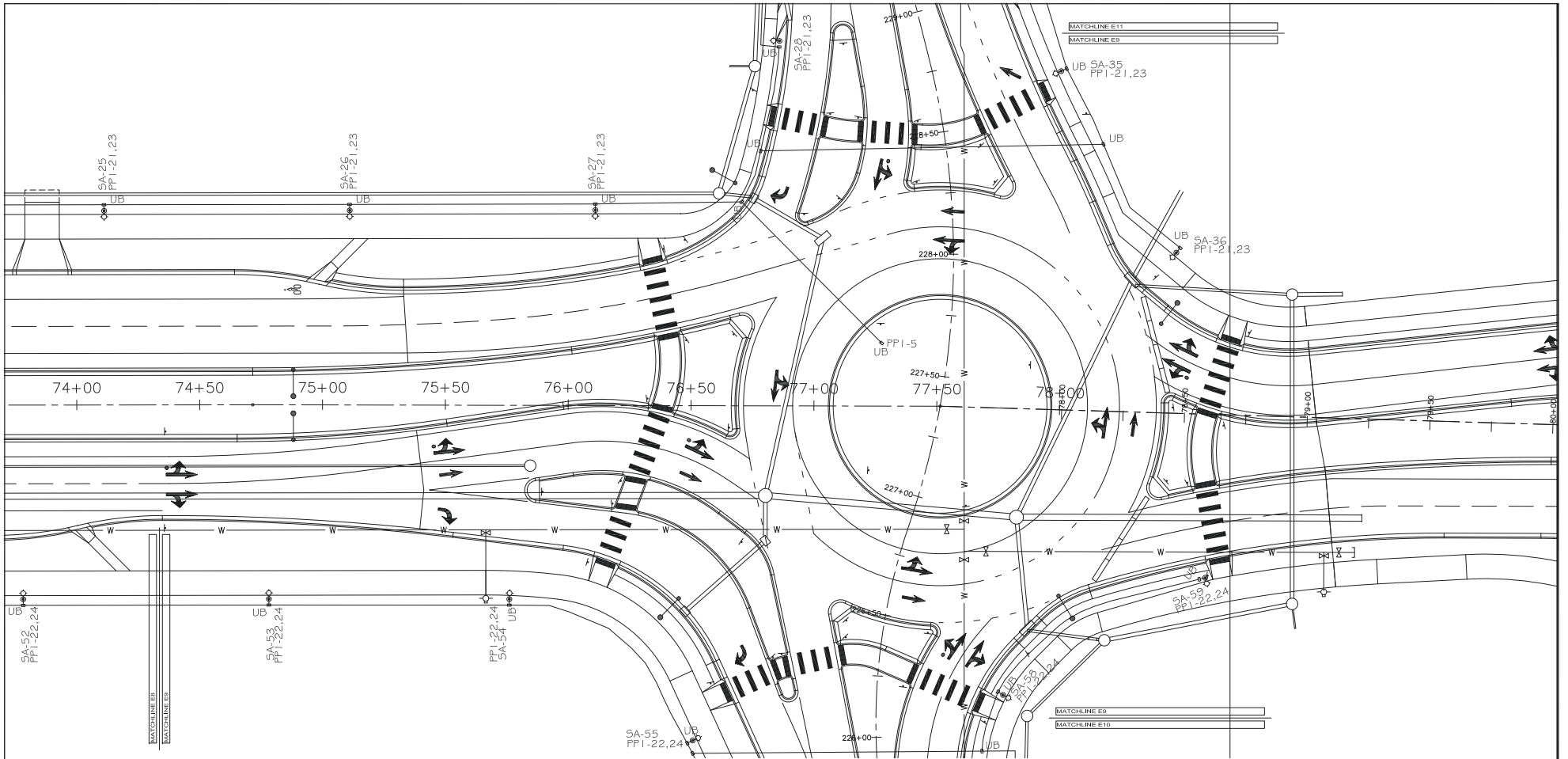
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SITE LIGHTING PLAN

E8  
of 16



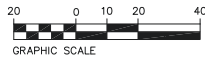
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**LIGHTING/ELECTRICAL PLAN PHASE 1**

SCALE: 1"=40'



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SITE LIGHTING PLAN

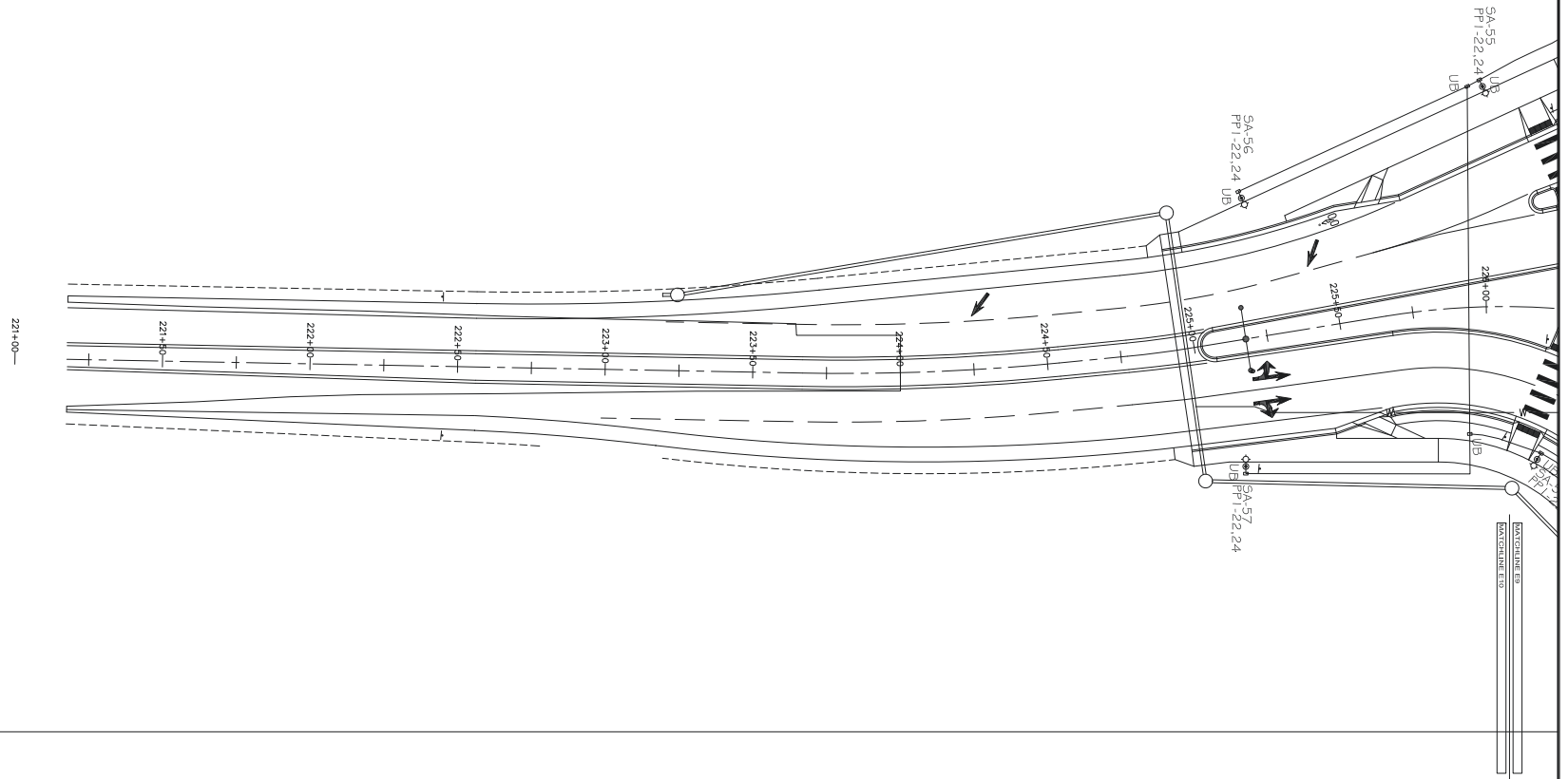
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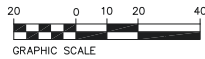


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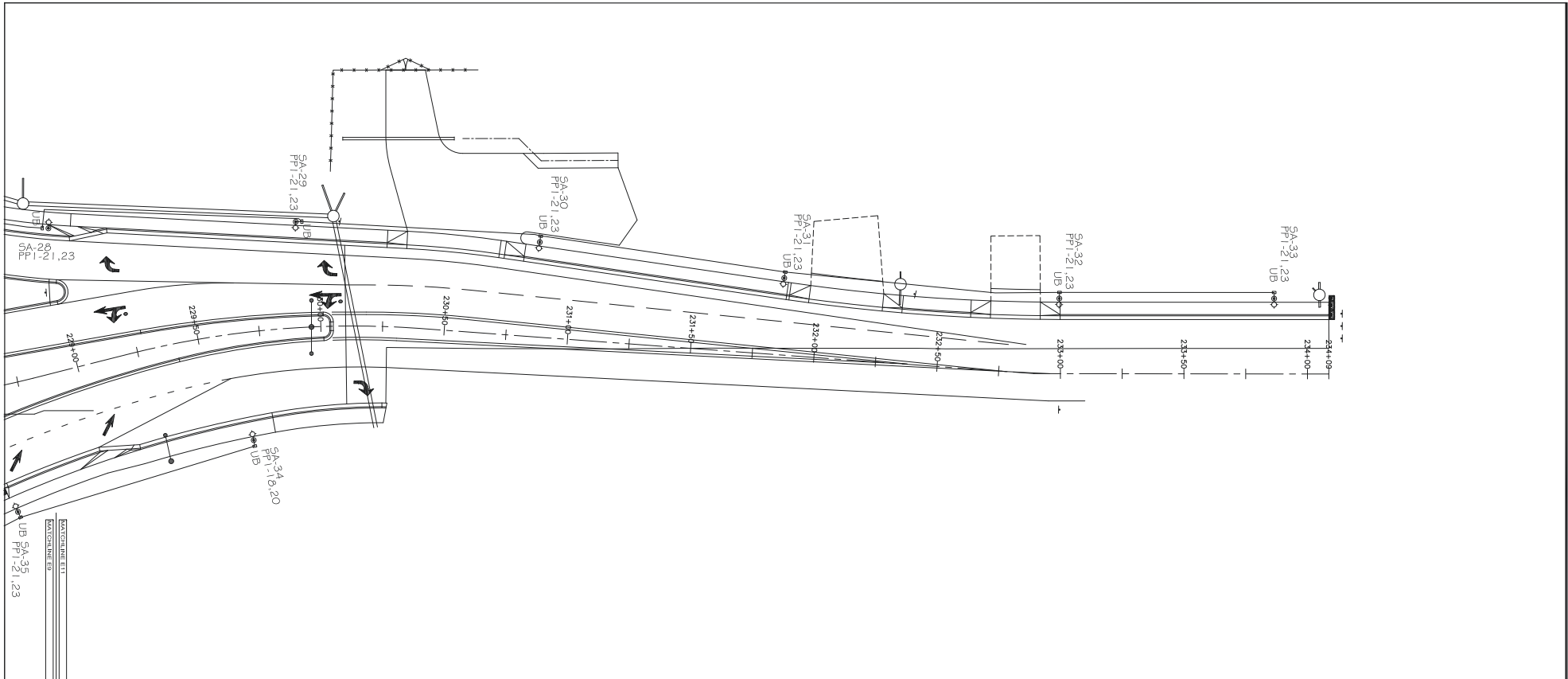
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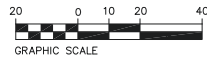
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SITE LIGHTING PLAN





**LIGHTING/ELECTRICAL PLAN PHASE 1**

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SITE LIGHTING PLAN

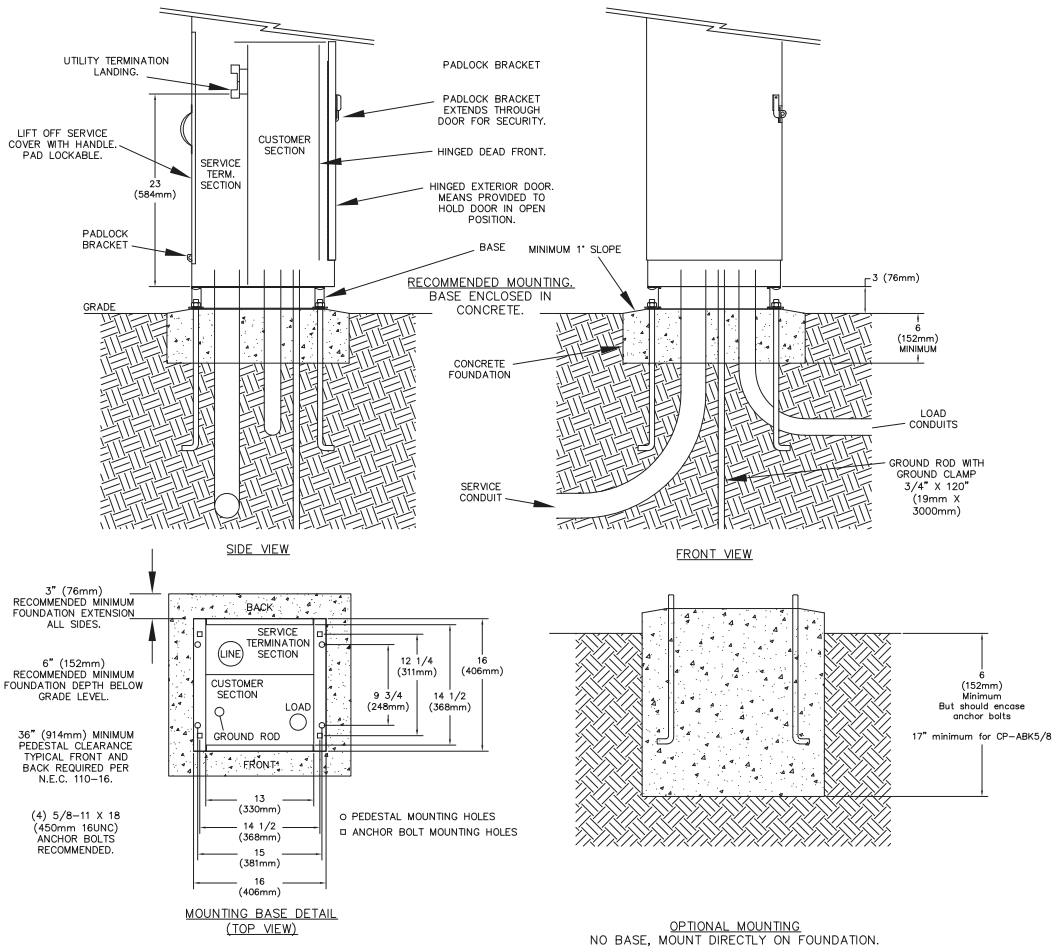
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**NOTES**

1. DRAWING DEPICTS TYPICAL INSTALLATION, COORDINATE EXACT INSTALLATION FOR SPECIFIC MODEL WITH PROVIDER PRIOR TO PURCHASING. CONTROL CABINET SHALL BE U/L LISTED "INDUSTRIAL CONTROL PANEL" PER UL 508.
2. CONSTRUCTION SHALL BE NEMA 3R, 12 GA. A60 STEEL POWDER COATED MINT GREEN WITH PHOTO ELECTRIC CELL IN SERVICE CABINET, ELECTRICAL CONTRACTOR TO PROVIDE PHOTOCCELL.
3. VOLTAGE RATINGS OF SERVICE EQUIPMENT SHALL CONFORM TO THE SERVICE VOLTAGES INDICATED ON THE PLANS.
4. SERVICE EQUIPMENT ENCLOSURE AND METERING EQUIPMENT SHALL MEET THE REQUIREMENTS OF THE SERVING UTILITY. WHEN THE SERVING UTILITY PROVIDES BOTH METERED AND UN-METERED CIRCUITS, A SEPARATE BUS SHALL BE PROVIDED FOR EACH CIRCUIT. THE METER AREA SHALL HAVE A SEALING, LOCKABLE, RAIN TIGHT COVER THAT CAN BE REMOVED WITHOUT THE USE OF TOOLS.
5. SERVICE EQUIPMENT SHALL BE FACTORY WIRED AND CONFORM TO NEMA STANDARDS.
6. THE EXTERIOR DOOR SHALL HAVE PROVISIONS FOR PADLOCKING. THE PADLOCK HOLE SHALL BE A MINIMUM DIAMETER OF 11mm.
7. ALL TERMINALS FOR INCOMING SERVICE CONDUCTORS SHALL BE COMPATIBLE WITH EITHER COPPER OR ALUMINUM CONDUCTORS SIZED TO SUIT THE CONDUCTORS SHOWN ON THE PLAN. TERMINAL LUGS SHALL BE COPPER OR TIN-PLATED ALUMINUM. SOLID NEUTRAL TERMINAL STRIP SHALL BE RATED 125A UNLESS OTHERWISE SPECIFIED AND FOR USE WITH COPPER OR ALUMINUM CONDUCTORS. THE TERMINAL SHOULD INCLUDE BUT NOT BE LIMITED TO:
  - A) INCOMING TERMINALS (LANDING LUGS)
  - B) NEUTRAL LUGS
  - C) SOLID NEUTRAL TERMINAL STRIP.
  - D) TERMINAL STRIPS FOR CONDUCTORS WITHIN THE ENCLOSURE.
8. AT LEAST 4 STANDARD SINGLE POLE 208V AND 1 SINGLE POLE 120 CIRCUIT BREAKER SPACES (20mm NOMINAL) SHALL BE PROVIDED FOR BRANCH CIRCUITS. CIRCUIT BREAKER INTERIORS SHALL BE COPPER. INTERIORS SHALL ACCEPT PLUG-IN OR CABLE-IN/ CABLE-OUT CIRCUIT BREAKERS.
9. PLUG-IN CIRCUIT BREAKERS MAY BE MOUNTED IN THE VERTICAL OR HORIZONTAL POSITION. CABLE-IN/ CABLE-OUT CIRCUIT BREAKERS SHALL BE MOUNTED IN THE VERTICAL POSITION.
10. FASTENERS ON THE EXTERIOR OF THE ENCLOSURE SHALL BE VANDAL RESISTANT AND SHALL NOT BE REMOVABLE FROM THE EXTERIOR. ALL NUTS, BOLTS, SCREWS, WASHERS, AND HINGES SHALL BE STAINLESS STEEL.
11. PHENOLIC NAME PLATES SHALL BE PROVIDED AS REQUIRED.
12. A PLASTIC COVERED WIRING DIAGRAM SHALL BE ATTACHED TO THE INSIDE OF THE FRONT DOOR.
13. FOUNDATION SHALL EXTEND 50mm MINIMUM BEYOND EDGE OF ENCLOSURE.

**B** TYPICAL POWER PEDESTAL/LIGHTING CONTROL CENTER (SPECIAL) PLAN  
**1** NOT TO SCALE



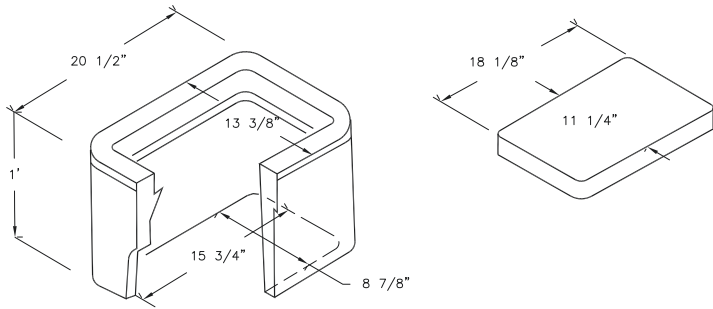
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 PEDESTAL DETAILS

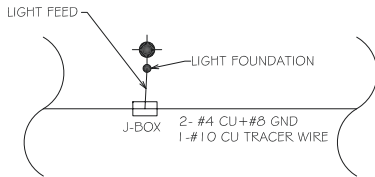


**STREET LIGHT AND PEDESTRIAN LIGHT PULL BOX**

DIMENSIONS SHOWN HERE FOR LAYOUT AND PLANNING PURPOSES. CONTRACTOR SHALL RELY ON MANUFACTURER DETAILS

- PULL BOXES, PULL BOX COVERS AND EXTENSIONS SHALL BE MADE OF FIBERGLASS REINFORCED POLYMER CONCRETE. PULL BOXES SHALL BE VERIFIED BY A 3RD PARTY NATIONALLY RECOGNIZED INDEPENDENT TESTING LABORATORY AS MEETING ALL TEST PROVISIONS OF THE LATEST ANSI/ASTM 77 SPECIFICATION FOR UNDERGROUND ENCLOSURE INTEGRITY, TIER 22 RATING. CERTIFICATION DOCUMENTS SHALL BE SUBMITTED WITH MATERIALS SUBMITTALS. THE PULL BOX SHALL HAVE A DETACHABLE COVER WITH A SKID RESISTANT SURFACE AND HAVE THE WORDS ELECTRICAL CAST INTO THE SURFACE. PAINTING THE WORDS SHALL NOT BE ACCEPTED. MARKINGS SHOWING THE TIER 22 RATING MUST BE LABELED OR STENCILED ON THE INSIDE AND OUTSIDE OF THE BOX AND ON THE UNDER SIDE OF THE COVER. THE COVER SHALL BE ATTACHED TO THE PULL BOX BODY BY MEANS OF A MINIMUM 3/8" - 7 UNIFIED NATIONAL COURSE (UNC) STAINLESS STEEL PENTA HEAD BOLTS AND SHALL HAVE TWO LIFT SLOTS TO AID IN THE REMOVAL OF THE LID.
- PULL SLOTS SHALL BE RATED FOR A MINIMUM PULL OUT OF 3,000 POUNDS. MAGNESIUM CHLORIDE TESTS SHOULD BE PERFORMED IN ACCORDANCE WITH THE LATEST ANSI/ASTM 77 SPECIFICATION FOR UNDERGROUND ENCLOSURE INTEGRITY, TIER 22 RATING.
- PROVIDE AT LEAST 6 INCHES OF PEA GRAVEL MEASURED FROM BOTTOM OF PULL BOX FOR DRAINAGE. PEA GRAVEL IS INCLUDED IN PULL BOX PAY ITEM.

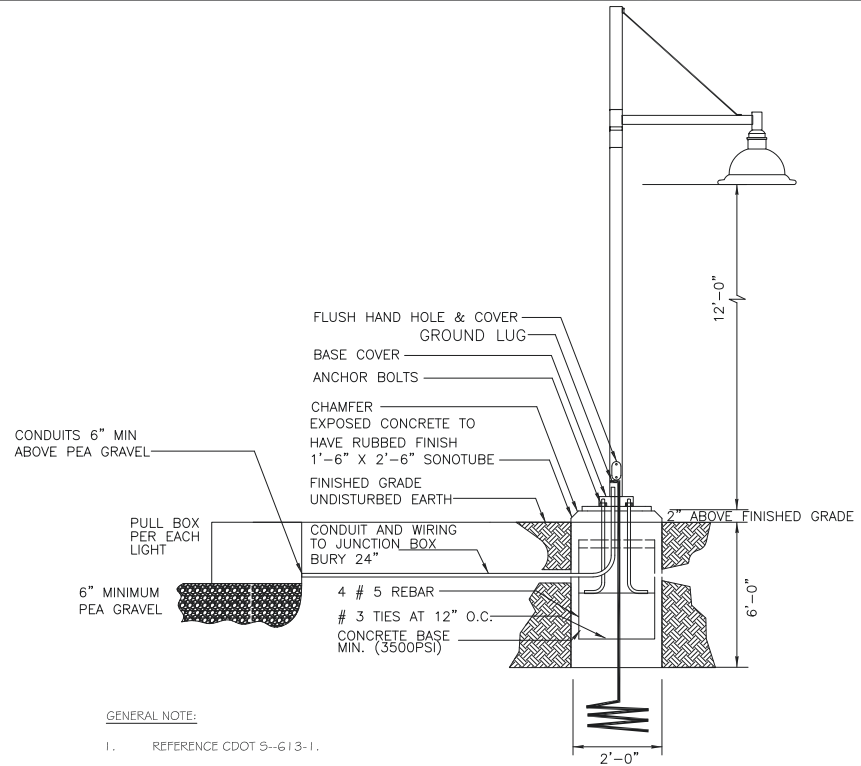
**C UTILITY BOX DETAIL**  
1 NOT TO SCALE



**C UTILITY BOX CONNECTION DETAIL**  
2 NOT TO SCALE

**NOTES:**

- ALL WIRING TO LIGHTS WILL BE WIRED IN PARALLEL NOT IN SERIES WITH #4 WIRE FEED TO REDUCE VOLTAGE DROP.
- PROVIDE #10 TRACER WIRE IN ALL NEW CONDUIT.



**C TYPICAL TYPE SA LIGHT DETAIL**  
3 NOT TO SCALE

LUMINAIRE SCHEDULE					
TYPE	MANUFACTURER MODEL NUMBER	APPROVAL	VOLTAGE MOUNTING # OF LAMPS	BALLAST LAMPE TYPE LAMP CAT. #	DESCRIPTION
SA	STERNBERG LIGHTING 1A-1527FLED-SM-SV1-4ARC- 35(00)K-T2-F-MDL03-BK	OWNER  REQUESTED	240 POLE 1	ELECTRONIC LED 66 W	PEDESTRIAN LUMINAIRE, ARM MOUNTED, LED, CUTOFF, ORDER POLE SO THAT LAMP HEIGHT IS 12' AFG MEASURED AT BOTTOM OF LUMINAIRE. ORDER WITH BRD ARM COLOR OF POLE AND ARM TO MATCH POLE.



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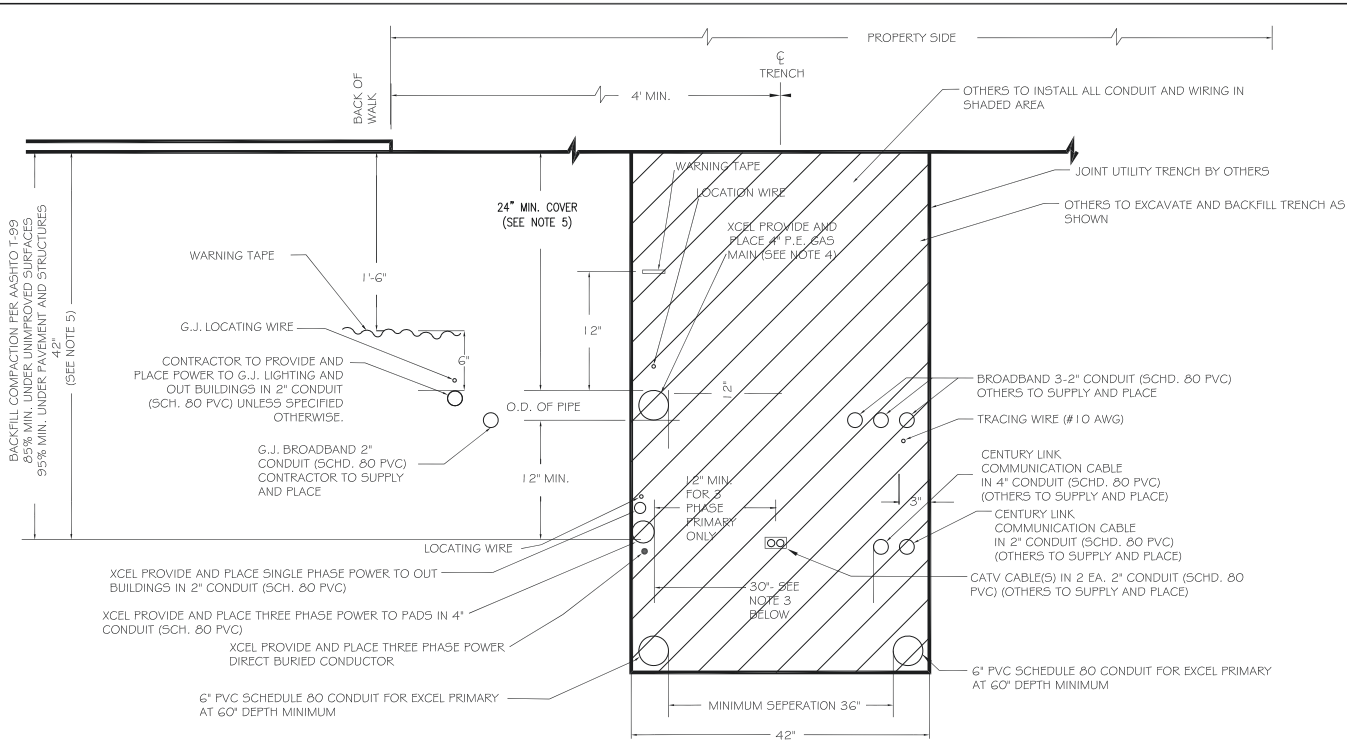
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F 1/2 RD PARKWAY, PH 1  
LIGHTING DETAILS



**GENERAL NOTES:**

1. FOR EASE OF CONSTRUCTION AND MAINTENANCE, PRIMARY CABLE SHOULD BE 12" TO 24" FROM COMMUNICATION CABLES. HOWEVER NESC REQUIREMENTS PERMIT "SUPPLY AND COMMUNICATION CABLES TO BE BURIED TOGETHER AT THE SAME DEPTH WITH NO DELIBERATE SEPARATIONS BETWEEN FACILITIES PROVIDED ALL PARTIES ARE IN AGREEMENT."
2. ONLY SINGLE PHASE SUPPLY CABLES CAN BE BURIED AT THE SAME DEPTH WITH NO DELIBERATE SEPARATION WITH COMMUNICATION CABLES. THREE PHASE CABLES MUST BE SEPARATED BY A MINIMUM OF 1 FOOT (REFERENCE NESC 354.D.3A).
3. 30" TRENCH WIDTH SHOULD BE USED WHEN ALL FOUR UTILITIES ARE INCLUDED.
4. STEEL GAS PIPE OR STEEL DUCT IS NOT ALLOWED FOR JOINT TRENCH CONSTRUCTION.
5. WHERE UNDERGROUND UTILITIES CROSS OR ENCR OACH INTO CITY STREETS THEY SHALL BE INSTALLED TO A DEPTH PROVIDING 3' MINIMUM COVER BELOW FINISHED GRADE.
6. CITY CONTRACTOR TO INSTALL ONLY ELECTRICAL FOR PEDESTRIAN LIGHTING AND BROADBAND. ALL OTHER FRANCHISE UTILITIES TO BE INSTALLED BY XCEL ENERGY.

**TYPICAL COMMON TRENCH DETAIL PROPERTY SIDE**

NOT TO SCALE

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UTILITY DETAILS DETAILS

E14  
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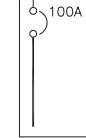
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NEW PAD MOUNTED  
TRANSFORMER 50KVA  
240/120 VOLT, 1PH  
BY XCEL



①

3.6kAIC



NEW "PP1" 100A MCB MILBANK  
PEDESTAL CP3B51C1HA22CSXCSL12,  
12 UNSWITCHED/12 SWITCHED CKTS  
240/120V 1PH, 3W  
22 kAIC

- ① 1 SET(S)[2" PVC  
SCHED. 80  
(3#3(CU,THWN)+1#8(CU)GND]

**ONE-LINE DIAGRAM**  
NOT TO SCALE

GENERAL NOTES:

1. IN AS MUCH AS DESIGN REQUIRES THAT CERTAIN ASSUMPTIONS BE MADE REGARDING EXISTING CONDITIONS, AND BECAUSE SOME OF THESE ASSUMPTIONS CANNOT BE VERIFIED, FIELD COORDINATION DURING CONSTRUCTION SERVICES IS IMPERATIVE. CONTRACTORS BIDDING THIS WORK MUST MAKE REASONABLE ALLOWANCES FOR UNFORESEEN CONTINGENCIES.
2. THE SERVING ELECTRICAL ASSOCIATION SHALL ADVISE THE OWNER/ENGINEER PRIOR TO SERVICE MODIFICATION REQUIRING COST TO THE OWNER.
3. REFERENCE CIVIL, LANDSCAPE AND IRRIGATION DRAWING PLANS FOR COORDINATION AND LOCATION OF ALL UNDER GROUND SYSTEMS.
4. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES AS REQUIRED: REFERENCE CIVIL LANDSCAPE AND IRRIGATION DRAWINGS.
5. ALL WIRING IS SHOWN DIAGRAMMATICALLY ON DRAWINGS, FIELD VERIFY ALL CONDITIONS PRIOR TO ROUGH-IN.
6. ALL ELECTRICAL WORK SHALL COMPLY WITH THE LATEST EDITION OF NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES.
7. ALL WIRE TO LIGHTING TO BE #4 UNLESS NOTED OTHERWISE.
8. CONDUCTOR COUNT IS SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL ENSURE THAT ANY AND ALL DEVICES AND EQUIPMENT ARE CIRCUITED PROPERLY. CONTRACTOR SHALL ENSURE THAT NO EQUIPMENT OR DEVICES ARE COMBINED OTHER THAN WHAT IS DEPICTED.
9. FIELD VERIFY ALL DIMENSIONS, DO NOT SCALE DRAWINGS.
10. COORDINATE INSTALLATION OF METER AND ELECTRICAL REQUIREMENTS WITH XCEL ENERGY.
11. NEW PEDESTAL MUST MEET ALL XCEL ENERGY REQUIREMENTS I.E. COLD SEQUENCE PADLOCK SLIP LATCH ON METER COVER, HOLD OPEN BAR ON METER HOOD.
12. COORDINATE WIRING TO SUMP PUMPS AND CONTROLLER WITH PROVIDERS PRIOR TO ROUGH-IN.



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F 1/2 RD PARKWAY, PH 1  
ONE-LINE DIAGRAMS

PANEL: PP1		DC DEVICE TYPE: Breaker		ENCLOSURE: NEMA 3R		MAINS(A): BKR		CONTINUOUS(A): 100	
LOCATION: BUS-Sec		DEVICE FAMILY: Bolt Dn		MOUNTING: Free Standing		WIRING: Single-Phase 3-Wire		BUS SC RATING(A): 12000	
INCIDENT ENERGY: 2.52 Cal/cm <sup>2</sup> @18.00(in)				VOLTAGE: 240/120				FAULT CURRENT(A): 3597	
BOUNDARY: 28.60(in)									

DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE A	LOADS B	VA C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
100 2		MAIN	GENERAL	0	1	180	0		2	180	GENERAL	CONTROL POWER	1	15 1
20 1		RECEPTACLE-RBT	GENERAL	960	3	960			4					
20 1		RECEPTACLE-RBT	GENERAL	960	5				6					
					7	0	960		8		0	SPARE	SPARE	20 1
					9				10		0	SPARE	SPARE	20 1
					11		0		12		0	SPARE	SPARE	20 1
					13				14					
					15				16					
20 2		LTS P1-LTS-NW	NONE	660	17	1050			18	390	NONE	LTS P1-LTS SW		20 2
20 2		LTS P1-LTS-NE	NONE	660	19		1050		20	390				20 2
20 2		LTS P1-LTS-SE	NONE	420	21	720			22	300	NONE	LTS P1-LTS-SE		20 2
20 2		LTS P1-LTS-SE	NONE	420	23	720			24	300				20 2

ALL CONNECTED	KVA	3P AVE	AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	5.37	12.9		* A-N	2767.8	23.1	CONNECTED	6.54
TOTAL DEMAND	5.37	12.9		* B-N	2602.5	21.7	DESIGN	6.54
TOTAL DESIGN	5.37	12.9		* C-N	0.0	0.0		6.54

FLAG NOTES:

- 1 CIRCUITS 1-16 ARE UNSWITCHED, CIRCUITS 17 TO 32 ARE SWITCHED AND CONTROLLED WITH THE CONTRACTOR SUPPLIED PHOTOCELL, TYPICAL.
- 2 ROUND ABOUT RECEPTACLE CIRCUITS TO BE TERMINATED IN J-BOX FOR FUTURE. COORDINATE EXACT LOCATION OF J-BOX WITH OWNER PRIOR TO TRENCHING.



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**ACM CONSULTING**  
ELECTRICAL DESIGN, CONSULTING  
ENGINEERS: PH: 970-245-7292  
PO 3211 GRAND JCT., CO 81592  
EMAIL: joelm@ACMengr.com

REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
REVISION Δ			AJM	19/27/23
REVISION Δ			AJM	19/27/23
REVISION Δ			AJM	19/27/23
REVISION Δ			BH	19/27/23



PUBLIC WORKS  
ENGINEERING DIVISION

F 1/2 RD PARKWAY, PH 1  
PANEL SCHEDULES



### 4. Contractor's Bid Form

Bid Date: 12-5-23

Project: IFB-5325-23-DD "F 1/2 Road Parkway Phase 1"

Bidding Company: M.A. Concrete Construction, Inc.

Name of Authorized Agent: Andy Azcaraga

Email: andy@macconcretegj.com

Telephone: 970-243-3221 Address: 2323 River Road

City: Grand Junction State: CO Zip: 81505

The undersigned Bidder, in compliance with the Invitation for Bids, having examined the Instruction to Bidders, General Contract Conditions, Statement of Work, Specifications, and any and all Addenda thereto, having investigated the location of, and conditions affecting the proposed Work, hereby proposes to furnish all labor, materials and supplies, and to perform all Work for the Project in accordance with Contract Documents, within the time set forth and at the prices stated below. These prices are to cover all expenses incurred in performing the Work required under the Contract Documents, of which this Contractor's Bid Form is a part.

The undersigned Contractor does hereby declare and stipulate that this offer is made in good faith without collusion or connection to any person(s) providing an offer for the same Work, and that it is made in pursuance of, and subject to, all terms and conditions of the Instructions to Bidders, the Specifications, and all other Solicitation Documents, all of which have been examined by the undersigned.

The Contractor also agrees that if awarded the Contract, to provide insurance certificates within ten (10) working days of the date of Notification of Award. Submittal of this offer will be taken by the Owner as a binding covenant that the Contractor will be prepared to complete the project in its entirety.

The Owner reserves the right to make the award on the basis of the offer deemed most favorable, to waive any formalities or technicalities and to reject any or all offers. It is further agreed that this offer may not be withdrawn for a period of sixty (60) calendar days after closing time. Submission of clarifications and revised offers automatically establish a new thirty-day (30) period.

Prices in the bid proposal have not knowingly been disclosed with another provider and will not be prior to award.

- Prices in this bid proposal have been arrived at independently, without consultation, communication, or agreement for the purpose of restricting competition.
- No attempt has been made nor will be to induce any other person or Contractor to submit a bid proposal for the purpose of restricting competition.
- The individual signing this bid proposal certifies it is a legal agent of the Bidder, authorized to represent the Bidder and is legally responsible for the offer with regard to supporting documentation and prices provided.
- Direct purchases by the City of Grand Junction are tax exempt from Colorado Sales or Use Tax. Tax exempt No. 98-03544. The undersigned certifies that no Federal, State, County or Municipal tax will be added to the above quoted prices.
- City of Grand Junction payment terms shall be Net 30 days.
- Prompt payment discount of 2/10 percent of the net dollar will be offered to the Owner if the invoice is paid within 1/11 days after the receipt of the invoice. The Owner reserves the right to take into account any such discounts when determining the bid award that are no less than Net 10 days.

RECEIPT OF ADDENDA: the undersigned Contractor acknowledges receipt of Addenda to the Solicitation, Specifications, and other Contract Documents.

State number of Addenda received: 1,2,3,4

It is the responsibility of the Bidder to ensure all Addenda have been received and acknowledged.

By signing below, the Undersigned agree to comply with all terms and conditions contained herein.

Company: M.A. Concrete Construction, Inc.

Authorized Signature: Andy Azcaraga

Title: Vice President

The undersigned Bidder proposes to subcontract the following portion of Work:

Name & address of Sub-Contractor	Description of Work to be performed	% of Contract
United Companies Grand Junction, CO	Asphalt	9
T5th, LLC Grand Junction, CO	Electrical	15
Mays Concrete Grand Junction, CO	Concrete	15
Deep Creek Grand Junction, CO	Landscape	7
CC Enterprises Grand Junction	Traffic Control	1

The undersigned Bidder acknowledges the right of the City to reject any and all Bids submitted and to waive informalities and irregularities therein in the City's sole discretion.

By submission of the Bid, each Bidder certifies, and in the case of a joint Bid each party thereto certifies as to its own organization, that this Bid has been arrived at independently, without collusion, consultation, communication, or agreement as to any matter relating to this Bid with any other Bidder or with any competitor.



### Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor: M.A. Concrete Construction, Inc.

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	108.2	8" Gravity Sewer Pipe (SDR 35)	1,627.	LF	\$ <u>55.00</u>	\$ <u>89,485.00</u>
2	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Complete in Place)	4.	EA	\$ <u>4,220.00</u>	\$ <u>16,880.00</u>
3	108.5	Sanitary Manhole Barrel Section (D>5')(48" I.D.)	23.	VLF	\$ <u>205.00</u>	\$ <u>4,715.00</u>
4	108.5	Connect to Existing Manhole or Sewer Main	1.	EA	\$ <u>785.00</u>	\$ <u>785.00</u>
5	108.3	8" End Cap/Plug Sewer	3.	EA	\$ <u>132.00</u>	\$ <u>396.00</u>
6	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)(Sewer)	1,500.	TON	\$ <u>26.00</u>	\$ <u>39,000.00</u>
7	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)(Sewer)	285.	TON	\$ <u>30.50</u>	\$ <u>8,692.50</u>
8	108.2	6" Water Pipe (C-900 PVC)	15.	LF	\$ <u>118.00</u>	\$ <u>1,770.00</u>
9	108.3	6" Gate Valve	1.	EA	\$ <u>1,755.00</u>	\$ <u>1,755.00</u>
10	108.3	8" x 6" Tee	1.	EA	\$ <u>1,680.00</u>	\$ <u>1,680.00</u>
11	108.3	Fire Hydrant	1.	EA	\$ <u>6,070.00</u>	\$ <u>6,070.00</u>
12	108.2	Storm Drain Pipe - 30" Concrete Pipe	2,030.	LF	\$ <u>98.00</u>	\$ <u>198,940.00</u>
13	108.2	Storm Drain Pipe - 18" Concrete Pipe	793.	LF	\$ <u>63.00</u>	\$ <u>49,959.00</u>
14	108.2	Storm Drain Pipe - 12" Concrete Pipe	45.	LF	\$ <u>98.00</u>	\$ <u>4,410.00</u>
15	108.6	Storm Drain Manhole (60" ID)	5.	EA	\$ <u>5,445.00</u>	\$ <u>27,225.00</u>
16	108.6	Storm Sewer Treatment System. Contech CDS3020-6-C, or Engineer Approved equal. Complete in place.	1.	EA	\$ <u>124,610.00</u>	\$ <u>124,610.00</u>
17	108.6	Storm Sewer Treatment System. Contech CDS5653-10-C, or Engineer Approved equal. Complete in place.	1.	EA	\$ <u>24,275.00</u>	\$ <u>24,275.00</u>
18	108.6	Single Storm Drain Inlet with drive over curb opening (24" x 36")	2.	EA	\$ <u>4,820.00</u>	\$ <u>9,640.00</u>
19	108.6	Double Storm Drain Inlet with drive over curb opening (24" x 72")	2.	EA	\$ <u>7,630.00</u>	\$ <u>15,260.00</u>
20	108.6	Storm Drain Inlet with vertical curb opening (24" x 36")	1.	EA	\$ <u>5,240.00</u>	\$ <u>5,240.00</u>
21	108.6	Storm Drain - Large Area Inlet (24"x36")	7.	EA	\$ <u>4,375.00</u>	\$ <u>30,625.00</u>
22	108.6	Storm Drain - Double Large Area Inlet (24"x36")	1.	EA	\$ <u>8,380.00</u>	\$ <u>8,380.00</u>
23	108.5	Storm Drain - Manhole Barrel Section (D>5')(60" I.D.)	4.	VLF	\$ <u>260.00</u>	\$ <u>1,040.00</u>
24	108.5	Connect to Existing Manhole or Pipe	2.	EA	\$ <u>2,160.00</u>	\$ <u>4,320.00</u>
25	108.5	Connect to Existing Outlet Structure for Halls Estates	1.	EA	\$ <u>2,040.00</u>	\$ <u>4,080.00</u>
26	108.5	30" End Cap/Plug Irrigation	1.	EA	\$ <u>2,425.00</u>	\$ <u>2,425.00</u>
27	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)(Storm Drain)	950.	TON	\$ <u>26.00</u>	\$ <u>24,700.00</u>

## Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor: M.A. Concrete Construction, Inc.

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
28	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 138 lbs/cu.ft.)(Storm Drain)	500.	TON	\$ <u>30.50</u>	\$ <u>15,250.00</u>
29	108.2	Irrigation Pipe - 4" SDR-35 PVC	10.	LF	\$ <u>148.00</u>	\$ <u>1,480.00</u>
30	108.2	Irrigation Pipe - 6" SDR-35 PVC	64.	LF	\$ <u>100.00</u>	\$ <u>6,400.00</u>
31	108.2	Irrigation Pipe - 8" SDR-35 PVC	10.	LF	\$ <u>160.00</u>	\$ <u>1,600.00</u>
32	108.2	Irrigation Pipe - 12" SDR-35 PVC	57.	LF	\$ <u>106.00</u>	\$ <u>6,042.00</u>
33	108.2	Irrigation Pipe - 12" Corrugated HDPE Pipe	2,410.	LF	\$ <u>32.00</u>	\$ <u>77,120.00</u>
34	108.2	Irrigation Pipe - 18" Corrugated HDPE Pipe	730.	LF	\$ <u>60.00</u>	\$ <u>43,800.00</u>
35	108.2	Irrigation Earth ditch - Temporary - per plan	220.	LF	\$ <u>5.50</u>	\$ <u>1,210.00</u>
36	108.5	Irrigation Manhole (36" I.D.)	9.	EA	\$ <u>4600.00</u>	\$ <u>41,400.00</u>
37	108.5	Irrigation Manhole (48" I.D.)	4.	EA	\$ <u>4510.00</u>	\$ <u>18,040.00</u>
38	108.5	Irrigation Manhole (48" I.D.) Structures (25),(42),(41),(195),(170),&(232) per Details and Plan	6.	EA	\$ <u>9320.00</u>	\$ <u>55,920.00</u>
39	108.5	Irrigation - Manhole Barrel Section (D>5')(36" I.D.)	31.	VLF	\$ <u>165.00</u>	\$ <u>5,115.00</u>
40	108.5	Irrigation - Manhole Barrel Section (D>5')(48" I.D.)	17.	VLF	\$ <u>215.00</u>	\$ <u>3,655.00</u>
41	108.6	Intercept Irrigation Drain - Large Area Inlet (24"x36")	1.	EA	\$ <u>3550.00</u>	\$ <u>3,550.00</u>
42	108.12	ADS agricultural product - metal animal guard (finger) (pipe end guard) for 18-in Pipe	1.	EA	\$ <u>350.00</u>	\$ <u>350.00</u>
43	108.12	ADS agricultural product - metal animal guard (finger) (pipe end guard) for 12-in Pipe	1.	EA	\$ <u>210.00</u>	\$ <u>210.00</u>
44	108.5	Reset Irrigation Valve (Mundy)	1.	EA	\$ <u>1175.00</u>	\$ <u>1,175.00</u>
45	108.5	Connect to Existing Manhole, Pipe, ETC..	13.	EA	\$ <u>400.00</u>	\$ <u>5,200.00</u>
46	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)(Irrigation)	640.	TON	\$ <u>26.00</u>	\$ <u>16,640.00</u>
47	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 138 lbs/cu.ft.)(Irrigation)	500.	TON	\$ <u>30.50</u>	\$ <u>15,250.00</u>
48	202	Remove Asphalt Mat. Full Depth.	5,610.	SY	\$ <u>5.00</u>	\$ <u>28,050.00</u>
49	202	Remove Concrete	1,580.	SY	\$ <u>625</u>	\$ <u>9875.00</u>
50	202	Remove Redirock Headwall, Wingwall, and Underlying foundation at Box Culvert at the intersection of F 1/2 Rd and 24 Rd		Lump SUM	---	\$ <u>126,000.00</u>
51	202	Remove Water Valve	1.	EA	\$ <u>1325.00</u>	\$ <u>1,325.00</u>
52	202	Remove Fire Hydrant	1.	EA	\$ <u>1325.00</u>	\$ <u>1,325.00</u>
53	202	Remove End Section	1.	EA	\$ <u>1075.00</u>	\$ <u>1,075.00</u>
54	202	Remove Irrigation Structure	3.	EA	\$ <u>700.00</u>	\$ <u>2,100.00</u>
55	202	Remove Light Pole	13.	EA	\$ <u>415.00</u>	\$ <u>5,395.00</u>
56	202	Remove Light Pole Base	13.	EA	\$ <u>975.00</u>	\$ <u>12,675.00</u>



## Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor: M.A. Concrete Construction, Inc.

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
57	202	Remove High Voltage Overhead Power Pole Foundation	1.	EA	\$ <u>1870.00</u>	\$ <u>1870.00</u>
58	202	Remove Pull Box	5.	EA	\$ <u>765.00</u>	\$ <u>3825.00</u>
59	202	Remove Post	2.	EA	\$ <u>185.00</u>	\$ <u>370.00</u>
60	202	Remove Delineator	3.	EA	\$ <u>115.00</u>	\$ <u>345.00</u>
61	202	Remove Ground Sign	5.	EA	\$ <u>115.00</u>	\$ <u>575.00</u>
62	202	Remove Sod.	1,376.	SY	\$ <u>3.00</u>	\$ <u>4128.00</u>
63	202	Remove Tree	15.	EA	\$ <u>510.00</u>	\$ <u>7650.00</u>
64	202	Remove Tree Stump	3.	EA	\$ <u>200.00</u>	\$ <u>600.00</u>
65	202	Remove Bush	35.	EA	\$ <u>60.00</u>	\$ <u>2100.00</u>
66	202	Remove Property Pin (no reference or reset)	3.	EA	\$ <u>45.00</u>	\$ <u>135.00</u>
67	202	Remove Fence (includes all gates and associated appurtenances)	2,703.	LF	\$ <u>3.25</u>	\$ <u>8784.75</u>
68	202	Remove Plastic Fence Gate (Gale Property)	1.	EA	\$ <u>145.00</u>	\$ <u>145.00</u>
69	202	Remove Electric Feed (Subaru Lights)	600.	LF	\$ <u>6.00</u>	\$ <u>3600.00</u>
70	202	Remove Pipe as shown on Plans	2,015.	LF	\$ <u>12.50</u>	\$ <u>25187.50</u>
71	202	Remove Mail Box	4.	EA	\$ <u>115.00</u>	\$ <u>460.00</u>
72	202	Remove Signal Pole Steel Template and Return to City Traffic	1.	EA	\$ <u>355.00</u>	\$ <u>355.00</u>
73	202	Remove/Abandon Sprinkler System at 653 24 1/2 Rd.	1.	EA	\$ <u>590.00</u>	\$ <u>590.00</u>
74	202	Clearing and Grubbing	1.	LS	\$ <u>14350.00</u>	\$ <u>14350.00</u>
75	210	Adjust Sprinkler System at 651 Market St. (Subaru)	1.	EA	\$ <u>1775.00</u>	\$ <u>1775.00</u>
76	210	Adjust Sprinkler System at 650 Market St. (Hilton)	1.	EA	\$ <u>1775.00</u>	\$ <u>1775.00</u>
77	210	Adjust Sprinkler System at 648 Market St. (Regal)	1.	EA	\$ <u>1775.00</u>	\$ <u>1775.00</u>
78	210	Adjust Sprinkler System at 649 3/4 Serinity Ln (Halls Estates HOA)	1.	EA	\$ <u>1775.00</u>	\$ <u>1775.00</u>
79	210	Adjust Sprinkler System at 655 24 1/2 Rd (Beaslin)	1.	EA	\$ <u>1185.00</u>	\$ <u>1185.00</u>
80	210	Adjust Sprinkler System at 659 24 1/2 Rd (Mundy)	1.	EA	\$ <u>1420.00</u>	\$ <u>1420.00</u>
81	210	Adjust Water Valve to Finished Grade	6.	EA	\$ <u>300.00</u>	\$ <u>1800.00</u>
82	210	Adjust Manhole to Finished Grade	8.	EA	\$ <u>890.00</u>	\$ <u>7120.00</u>
83	210	Adjust inlet Frame and Grate to Finished Grade	2.	EA	\$ <u>236.00</u>	\$ <u>472.00</u>
84	210	Reset Water Meter	2.	EA	\$ <u>820.00</u>	\$ <u>1640.00</u>
85	210	Adjust Pull Box to Finished Grade	7.	EA	\$ <u>355.00</u>	\$ <u>2485.00</u>
86	210	Reset Light Standard	1.	EA	\$ <u>426.00</u>	\$ <u>426.00</u>
87	210	Reference/Reset Survey Monument	1.	EA	\$ <u>1185.00</u>	\$ <u>1185.00</u>
88	210	Reset Redirock Wall back to new Headwall (Leach Creek at the intersection of 24 Rd and F 1/2 Rd)		Lump SUM	---	\$ <u>4740.00</u>
89	210	Reset Mail Box (Coordinate with USPS)	4.	EA	\$ <u>300.00</u>	\$ <u>1200.00</u>
90	210	Reset Fence	200.	LF	\$ <u>20.00</u>	\$ <u>4000.00</u>
91	210	Reset 4" Irrigation Valve (Mundy Property)	1.	EA	\$ <u>610.00</u>	\$ <u>610.00</u>
92	210	Reset Landscape Ground Cover (Subaru)	2,800.	SF	\$ <u>1.60</u>	\$ <u>4480.00</u>

## Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor: M.A. Concrete Construction, Inc.

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
93	210	Reset Landscape Ground Cover (Hilton)	1,800.	SF	\$ <u>1.60</u>	\$ <u>2880.00</u>
94	210	Reset Landscape Ground Cover (Regal)	500.	SF	\$ <u>1.60</u>	\$ <u>800.00</u>
95	210	Reset Landscape Ground Cover (Gale)	580.	SF	\$ <u>1.80</u>	\$ <u>1044.00</u>
96	PH	POTHOLING	20.	EA	\$ <u>750.00</u>	\$ <u>15,000.00</u>
97	210	Reset Landscape Ground Cover (Halls Estates HOA)	1,600.	SF	\$ <u>1.80</u>	\$ <u>2880.00</u>
98	203	Unclassified Excavation	41,309.	CY	\$ <u>1.40</u>	\$ <u>57832.60</u>
99	203	Unclassified Embankment	4,502.	CY	\$ <u>8.00</u>	\$ <u>36016.00</u>
100	203	Haul Earthwork Material	36,807.	CY	\$ <u>5.75</u>	\$ <u>211640.30</u>
101	207	Topsoil (18" Thick) (all planting areas within ROW)	11,800.	SY	\$ <u>20.00</u>	\$ <u>236,000.00</u>
102	203	(Roadway Subgrade Stabilization) Muck Excavation	4,700.	CY	\$ <u>12.00</u>	\$ <u>56,400.00</u>
103	304	(Roadway Subgrade Stabilization) Aggregate Base Course (Class 3) (24" Thick)	7,000.	SY	\$ <u>23.00</u>	\$ <u>161,000.00</u>
104	304	(Roadway Subgrade Stabilization) Geotextile Separator (Mirifi RS580i or Equivalent) as Directed by Project Engineer	5,000.	SY	\$ <u>6.00</u>	\$ <u>30,000.00</u>
105	420	(Roadway Subgrade Stabilization) Geotextile Separator (CI 2)	7,000.	SY	\$ <u>1.30</u>	\$ <u>9100.00</u>
106	420	(Roadway Subgrade Stabilization) Geogrid Reinforcement	7,000.	SY	\$ <u>1.10</u>	\$ <u>7700.00</u>
107	208	Storm Drain Inlet Protection (Erosion Log filter at Drop Inlet)	9.	EA	\$ <u>90.00</u>	\$ <u>810.00</u>
108	208	Storm Drain Inlet Protection (Type II)	12.	EA	\$ <u>155.00</u>	\$ <u>1860.00</u>
109	208	Storm Drain Inlet Protection (Type III)	2.	EA	\$ <u>133.00</u>	\$ <u>266.00</u>
110	208	Erosion Log	500.	LF	\$ <u>4.00</u>	\$ <u>2000.00</u>
111	208	Prefabricated Vehicle Tracking Pad	3.	EA	\$ <u>2750.00</u>	\$ <u>8250.00</u>
112	208	Prefabricated Concrete Washout Structure	3.	EA	\$ <u>858.00</u>	\$ <u>2574.00</u>
113	209	Dust Abatement	365.	DAYS	\$ <u>142.00</u>	\$ <u>51830.00</u>
114	212	Seeding - Native Seed Mix	0.8	ACRE	\$ <u>7245.00</u>	\$ <u>5796.00</u>
115	304	Aggregate Base Course (Class 2) (14" Thick) (F 1/2 Rd Pkwy)	22,320.	SY	\$ <u>14.35</u>	\$ <u>320,292.00</u>
116	304	Aggregate Base Course (Class 2) (10" Thick) (24 1/2 Road)	2,215.	SY	\$ <u>11.25</u>	\$ <u>24918.75</u>
117	304	Aggregate Base Course (Class 2) (16" Thick) (Roundabout)	6,400.	SY	\$ <u>18.00</u>	\$ <u>115,200.00</u>
118	304	Aggregate Base Course (Class 6) (12" Thick) (Driveway)	36.	SY	\$ <u>50.00</u>	\$ <u>1800.00</u>
119	304	Aggregate Base Course (Class 6) (8" Thick) (Various Locations)	27,880.	SY	\$ <u>10.00</u>	\$ <u>278,800.00</u>
120	304	Aggregate Base Course (Class 6) (6" Thick) (24 1/2 Rd Shoulder)	370.	SY	\$ <u>13.00</u>	\$ <u>4810.00</u>
121	304	Washed Rock Surface Course (Driveway) (3" Thick)	280.	SY	\$ <u>6.50</u>	\$ <u>1820.00</u>
122	306	Reconditioning (6" Deep) (Various)	30,971.	SY	\$ <u>2.00</u>	\$ <u>61942.00</u>
123	329	Sod. (To repair & Match Existing)	6,000.	SF	\$ <u>1.80</u>	\$ <u>10800.00</u>
124	401	Asphalt Millings (4" thick) (1 1/2" max particle size) (Gale/Mundy Drive)	90.	TON	\$ <u>27.50</u>	\$ <u>2475.00</u>



### Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor: M.A. Concrete Construction, Inc.

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
125	401	Hot Mix Asphalt (4" thick) (Grading SX 100, Binder Grade 64-22) (Driveway)	8.	TON	\$ <u>665.00</u>	\$ <u>5320.00</u>
126	401	Hot Mix Asphalt (2" thick) (Grading SX 100, Binder Grade 64-28) (Varies)	1,631.	TON	\$ <u>170.00</u>	\$ <u>277,270.00</u>
127	401	Hot Mix Asphalt (5" thick) (Grading SX 100, Binder Grade 64-22) (24 1/2 Rd)	578.	TON	\$ <u>165.00</u>	\$ <u>95,370.00</u>
128	401	Hot Mix Asphalt (5 1/2" thick) (Grading SX 100, Binder Grade 64-22) (F 1/2 Rd Pkwy)	3,844.	TON	\$ <u>153.00</u>	\$ <u>588,132.00</u>
129	401	Hot Mix Asphalt (2" thick) (Grading SX 100, Binder Grade 64-28) (T-Top on 24 1/2 Rd)	25.	TON	\$ <u>235.00</u>	\$ <u>5,875.00</u>
130	504	Concrete Wall (Class D) per M and S Standard M-601-20 (Wall Design Height 6' to 9' per plan). (Includes associated headwalls, footers, and toe walls) Work shall include approximately 1000 lbs. Reinforcing Steel (Epoxy Coated), Structural Concrete Coating (Exterior of wall), 12 cy Structural Backfill (Class 1) and any necessary appurtenances to	21.	CY	\$ <u>2600.00</u>	\$ <u>54,600.00</u>
131	504	Precast Concrete Block Retaining Wall System (includes all necessary appurtenances, work, etc. to complete).	30.	FSF	\$ <u>300.00</u>	\$ <u>9000.00</u>
132	506	Riprap (12 Inch) (Leach Creek)	30.	CY	\$ <u>155.00</u>	\$ <u>4650.00</u>
133	506	Filter Material (Class B)	5.	CY	\$ <u>145.00</u>	\$ <u>725.00</u>
134	506	Geotextile (Drainage) (Class 1) (Nonwoven) (Geotextile is to be used with the Leach Creek Riprap Details)	45.	SY	\$ <u>31.00</u>	\$ <u>1395.00</u>
135	603.3	Leach Creek Temporary Bypass Pumping (temporary to set up Leach Creek Bypass for Construction and to divert Leach Creek back to Tripple Box Culvert after box culvert construction)	10.	DAYS	\$ <u>955.00</u>	\$ <u>9550.00</u>
136	603.3	Leach Creek Bypass for Construction (contractor to determine means and methods and submit plan prior to contract award)	1.	LS	\$ <u>52200.00</u>	\$ <u>52,200.00</u>
137	603.3	Pipe Excavation (for Triple Conc Box Culvert) (includes Topsoil Removal, Muck Excavation, Stockpiling, Drying, etc.. See Box Culvert Typical Cross Section)	1,500.	CY	\$ <u>13.50</u>	\$ <u>20,250.00</u>
138	603.3	Pipe Stabilization (for Triple Conc Box Culvert) Imported Trench Backfill (Class 3 Aggregate) (24" Minimum Depth - See Box Culvert Typical Cross Section) (Assumed Unit Weight = 133 lbs/cu.ft.)	510.	TONS	\$ <u>53.00</u>	\$ <u>27,030.00</u>
139	603.3	Pipe Bedding (for Triple Conc Box Culvert) Aggregate Base Course (CDOT No. 57 Concrete Aggregate) (3 Each - 12" Thick Layers - See Box Culvert Typical Cross Section)	425.	CY	\$ <u>58.00</u>	\$ <u>24,650.00</u>
140	603.3	Geotextile Separator (for Triple Conc Box Culvert Pipe Bedding) (Class 1) (Woven) (See Box Culvert Typical Cross Section)	1,400.	SY	\$ <u>2.00</u>	\$ <u>2800.00</u>

### Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor: M.A Concrete Construction, Inc.

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
141	603.3	Triple - 6' x 12' Precast Concrete Box Culvert (can be constructed as three separate 6 x 12 C.B.C. sections placed side by side) (Includes all Haunching and Backfill Material) (Includes Grouted Connect to Existing)	86.	LF	\$ <u>6240.00</u>	\$ <u>536,640.00</u>
142	603.3	Triple - 6' x 12' Cast in Place Concrete Box Culvert to accommodate Sewer Crossing (Includes all Haunching and Backfill Material)	1.	LF	\$ <u>28200.00</u>	\$ <u>28200.00</u>
143	608	Concrete Landscape Border (match existing in kind)	165.	LF	\$ <u>31.00</u>	\$ <u>5115.00</u>
144	608	Concrete Pavement (Roundabout) (9" Thick) (CL P)	5,560.	SY	\$ <u>114.00</u>	\$ <u>633,840.00</u>
145	608	Concrete Curb and Spill Gutter (1.5' Wide) to include Class 6 Aggregate Base Course per Typical Cross Section	5,925.	LF	\$ <u>25.75</u>	\$ <u>152,568.75</u>
146	608	Concrete Truck Apron (Roundabout) (12" Thick) to include 8" of Class 6 Aggregate Base Course, 16" of Class 2 Aggregate Base Course, and 6" of subgrade reconditioning.	535.	SY	\$ <u>215.00</u>	\$ <u>115,025.00</u>
147	608	Concrete Curb (6" Wide) (6" High) to include Class 6 Aggregate Base Course per Typical Cross Section	650.	LF	\$ <u>18.00</u>	\$ <u>11,700.00</u>
148	608	Concrete Curb and Gutter (2' Wide) (both collector and spill gutters) to include Class 6 Aggregate Base Course per Typical Cross Section	5,165.	LF	\$ <u>25.20</u>	\$ <u>130,158.00</u>
149	608	Concrete Drive Over Curb and Gutter 3' wide and both collector and spill gutter to include Class 6 Aggregate Base Course per Typical Cross Section	660.	LF	\$ <u>56.00</u>	\$ <u>36,960.00</u>
150	608	Concrete Sidewalk (6" Thick) to include 6" of Class 6 Aggregate Base Course.	5,700.	SY	\$ <u>57.00</u>	\$ <u>324,900.00</u>
151	608	Concrete Drainage Pan (6' Wide) to include 6" of Class 6 Aggregate Base Course.	38.	LF	\$ <u>115.00</u>	\$ <u>4370.00</u>
152	608	Concrete Median Island Nose (8" Thick) to include 6" of Class 6 Aggregate Base Course.	41.	SY	\$ <u>138.00</u>	\$ <u>5658.00</u>
153	608	Concrete Curb Ramp to include 6" of Class 6 Aggregate Base Course.	335.	SY	\$ <u>120.00</u>	\$ <u>40,200.00</u>
154	608	Concrete Pavement (6" Thick) to include 6" of Class 6 Aggregate Base Course.	170.	SY	\$ <u>72.00</u>	\$ <u>12240.00</u>
155	608	Concrete Driveway Section (8" Thick) (Commercial) to include 6" of Class 6 Aggregate Base Course.	225.	SY	\$ <u>100.00</u>	\$ <u>22,500.00</u>
156	608	Concrete Median Edging (1.5' Wide) (4" thick) (make sure not repeated landscape quantities)	5,555.	LF	\$ <u>17.25</u>	\$ <u>95,823.75</u>
157	608	Concrete Median Cover Material (6" Patterned Concrete) to include 6" of Class 6 Aggregate Base Course. (make sure not repeated landscape quantities)	120.	SY	\$ <u>125.00</u>	\$ <u>15,000.00</u>
158	608	Detectable Warning (Cast Iron, Wet Set) (2'x2)	130.	EA	\$ <u>180.00</u>	\$ <u>23,400.00</u>
159	613	2" Schedule 80 PVC (City Broadband)	15,615.	LF	\$ <u>21.00</u>	\$ <u>327,915.00</u>
160	613	2" Schedule 80 PVC (for Power to Lighting and Out Buildings - Outside edge of Joint Trench)	5,205.	LF	\$ <u>21.00</u>	\$ <u>109,305.00</u>



### Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor: M.A. Concrete Construction, Inc.

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
161	613	Large Splice Box (Quasite) (3' - 2 5/8" x 2'-2") Broadband Logo.	20.	EA	\$ <u>2160.00</u>	\$ <u>43200.00</u>
162	614	Sign Panel (CL I)	570.	SF	\$ <u>25.5</u>	\$ <u>14535.00</u>
163	614	Sign Panel (CL II)	48.	SF	\$ <u>28.75</u>	\$ <u>1380.00</u>
164	614	3 LB. U SHAPE CHANNEL STEEL POST	70.	EA	\$ <u>200.00</u>	\$ <u>14000.00</u>
165	614	Steel Sign Support (2 1/2" round NP-40) (Pole/Slipbase)	4.	EA	\$ <u>555.00</u>	\$ <u>2220.00</u>
166	503- 00048	Drilled Caisson (48 Inch)	42.	LF	\$ <u>830.00</u>	\$ <u>34860.00</u>
167	503- 00048	Drilled Caisson (54 Inch)	21.	LF	\$ <u>1050.00</u>	\$ <u>22050.00</u>
168	613- 07004	Type Four Pull Box (Traffic) (24x36x24) PB3	1.	EA	\$ <u>2160.00</u>	\$ <u>2160.00</u>
169	613- 07005	Type Five Pull Box (Traffic) (30x48x24) PB1,PB2,PB4,&PB5	4.	EA	\$ <u>2715.00</u>	\$ <u>10860.00</u>
170	614	Spread Footer for Pedestrian Pole P5 (Contractor to provide Engineer Approved and Stamped Shop Drawings)	1.	EA	\$ <u>1330.00</u>	\$ <u>1330.00</u>
171	614- 70150	Pedestrian Signal Face (16) (Countdown)	8.	EA	\$ <u>830.00</u>	\$ <u>6640.00</u>
172	614- 70336	Traffic Signal Face (12-12-12)	8.	EA	\$ <u>1110.00</u>	\$ <u>8880.00</u>
173	614- 70336b	Traffic Signal Face (12-12-12) (With Backplate and Retroreflective Border)	12.	EA	\$ <u>1330.00</u>	\$ <u>15960.00</u>
174	614- 72855	Traffic Signal Controller Cabinet	1.	EA	\$ <u>42130.00</u>	\$ <u>42130.00</u>
175	614- 72863	Pedestrian Push Button Post Assembly	4.	EA	\$ <u>3325.00</u>	\$ <u>13300.00</u>
176	614- 72886	Intersection Detection System (Camera)	4.	EA	\$ <u>9240.00</u>	\$ <u>36960.00</u>
177	614- 72886o	Intersection Detection System (Opticom)	4.	EA	\$ <u>3880.00</u>	\$ <u>15520.00</u>
178	614- 81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm) P2	1.	EA	\$ <u>27160.00</u>	\$ <u>27160.00</u>
179	614- 81160	Traffic Signal-Light Pole Steel (1-60 Foot Mast Arm) P3 & P4	2.	EA	\$ <u>38915.00</u>	\$ <u>77830.00</u>
180	614- 81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm) P1	1.	EA	\$ <u>40410.00</u>	\$ <u>40410.00</u>
181	614	Mount City Provided Sign on Mast Arm	4.	EA	\$ <u>332.00</u>	\$ <u>1320.00</u>
182	614	Sign Panel (CL I)	36.	SF	\$ <u>45.00</u>	\$ <u>1620.00</u>
183	614- 84000	Traffic Signal Pedestal Pole Steel P5	1.	EA	\$ <u>4665.00</u>	\$ <u>4665.00</u>
184	614- 87010	Fiber Optic Cable (Single Mode) (12 Fiber)	500.	LF	\$ <u>3.50</u>	\$ <u>1750.00</u>
185	614- 87320	Closed Circuit Television	1.	EA	\$ <u>6650.00</u>	\$ <u>6650.00</u>
186	614- 87350	Test Fiber Optic Cable	1.	EA	\$ <u>1665.00</u>	\$ <u>1665.00</u>

## Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor: M.A. Concrete Construction, Inc.

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
187	614	2" PVC Conduit	2,100.	LF	\$ <u>21.00</u>	\$ <u>44,100.00</u>
188	620	Sanitary Facility	1.	EA	\$ <u>4,000.00</u>	\$ <u>4,000.00</u>
189	625	Construction Surveying		Lump SUM	---	\$ <u>83,200.00</u>
190	626	Mobilization		Lump SUM	---	\$ <u>285,000.00</u>
191	627	Epoxy Pavement Marking (asphalt only) (Roadway Striping) (two coats) (white)	73.	Gal	\$ <u>250.00</u>	\$ <u>18,250.00</u>
192	627	Epoxy Pavement Marking (asphalt only) (Roadway Striping) (two coats) (yellow)	58.	Gal	\$ <u>250.00</u>	\$ <u>14,500.00</u>
193	627	Preformed Plastic Pavement Marking (Type II) (Inlaid) (includes black contrast tape, 1.5" each side, total of 3") (Roundabout Striping) (white)	1,452.	SF	\$ <u>23.25</u>	\$ <u>33,759.00</u>
194	627	Preformed Plastic Pavement Marking (Type II) (Inlaid) (includes black contrast tape, 1.5" each side, total of 3") (Roundabout Striping) (yellow)	343.	SF	\$ <u>23.25</u>	\$ <u>7,974.75</u>
195	627	Preformed Thermoplastic Pavement Marking (Word-Symbol) (Asphalt and Concrete)	1,125.	SF	\$ <u>20.00</u>	\$ <u>22,500.00</u>
196	627	Preformed Thermoplastic Pavement Marking (X-Walk & Stop Line) (Asphalt and Concrete)	2,400.	SF	\$ <u>17.00</u>	\$ <u>40,800.00</u>
197	630	Traffic Control (Complete In Place)		Lump SUM	---	\$ <u>100,000.00</u>
198	630	Traffic Control Plan		Lump SUM	---	\$ <u>445.00</u>
199	630	Construction Phasing Plan		Lump SUM	---	\$ <u>8315.00</u>
200	630	Temporary Paving	1,750.	SY	\$ <u>44.00</u>	\$ <u>77,000.00</u>
201	LSC	Soil Amendment (To be tilled)	35,528.	SF	\$ <u>0.30</u>	\$ <u>10,658.40</u>
202	LSC	Type 1 Rock - 1-1/2" Tan Granite (3" Depth)	65,371.	SF	\$ <u>1.20</u>	\$ <u>78,445.20</u>
203	LSC	Type 2 Rock - 1-1/2" Tan Granite (3" Depth), Plus 2-3" La Sal Purple, scattered at 1 CF/100 SF	35,203.	SF	\$ <u>1.80</u>	\$ <u>63,365.40</u>
204	LSC	Type 3 Rock - 2-3" La Sal Purple (3" Depth)	5,360.	SF	\$ <u>1.80</u>	\$ <u>9,648.00</u>
205	LSC	Landscape Boulder - Small (3'x2'x2')	259.	EACH	\$ <u>93.00</u>	\$ <u>24,081.00</u>
206	LSC	Landscape Boulder - Large (2'x4'x2')	18.	EACH	\$ <u>115.00</u>	\$ <u>2,070.00</u>
207	LSC	Deciduous Tree ( 1 - 1/2 Inch Caliper)	54.	EACH	\$ <u>550.00</u>	\$ <u>29,700.00</u>
208	LSC	Deciduous Tree ( 2 Inch Caliper)	38.	EACH	\$ <u>605.00</u>	\$ <u>22,990.00</u>
209	LSC	Deciduous Shrub (1 Gallon Container)	99.	EACH	\$ <u>27.50</u>	\$ <u>2,722.50</u>
210	LSC	Deciduous Shrub (5 Gallon Container)	264.	EACH	\$ <u>82.50</u>	\$ <u>21,780.00</u>
211	LSC	Evergreen Tree (6 Foot, B&B)	24.	EACH	\$ <u>680.00</u>	\$ <u>16,320.00</u>
212	LSC	Evergreen Shrubs (5 Gallon Container)	91.	EACH	\$ <u>88.00</u>	\$ <u>8,008.00</u>
213	LSC	Perennials (1 Gallon Container)	421.	EACH	\$ <u>24.00</u>	\$ <u>10,104.00</u>
214	LSC	Ornamental Grasses (1 Gallon Container)	351.	EACH	\$ <u>27.50</u>	\$ <u>9,652.50</u>
215	IRR	Connect to Existing Irr. Main (24 Road Median)		Lump SUM	---	\$ <u>550.00</u>
216	IRR	Bore under N-bound 24 RD, N. Leach Creek & Ready Rock wall		Lump SUM	---	\$ <u>11,440.00</u>



**Bid Schedule: F 1/2 RD PKWY PH1 Project**

**Contractor:** M.A. Concrete Construction, Inc.

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
217	IRR	4 Inch PVC Irrigation Sleeve, 18" bury under walks	276.	LF	\$ <u>16.00</u>	\$ <u>4416.00</u>
218	IRR	4 Inch PVC Irrigation Sleeve, 30" bury under roadways	442.	LF	\$ <u>18.00</u>	\$ <u>7956.00</u>
219	IRR	6 Inch PVC Irrigation Sleeve, 30" bury under roadways	1,120.	LF	\$ <u>20.00</u>	\$ <u>22400.00</u>
220	IRR	4" HDPE Mainline	5,253.	LF	\$ <u>14.00</u>	\$ <u>73,542.00</u>
221	IRR	1 Inch PVC Lateral Pipe	11,393.	LF	\$ <u>3.30</u>	\$ <u>37,596.90</u>
222	IRR	1-1/2 Inch PVC Lateral Pipe	802.	LF	\$ <u>3.50</u>	\$ <u>2807.00</u>
223	IRR	Tracer Wire for all Mainline and PVC Lateral Pipes	17,448.	LF	\$ <u>0.33</u>	\$ <u>5757.84</u>
224	IRR	3/4 Inch Quick Coupler Valve	1.	EACH	\$ <u>370.00</u>	\$ <u>370.00</u>
225	IRR	1 Inch Automatic Control Valve	8.	EACH	\$ <u>870.00</u>	\$ <u>6960.00</u>
226	IRR	2-wire Control Wire	5,253.	LF	\$ <u>1.75</u>	\$ <u>9192.75</u>
227	IRR	2-wire Control, including decoders, grounding		Lump SUM	---	\$ <u>12012.00</u>
228	IRR	Jumbo Valve Box	4.	EACH	\$ <u>380.00</u>	\$ <u>1520.00</u>
229	IRR	Isolations Valves - For Mainline	11.	EACH	\$ <u>2595.00</u>	\$ <u>28545.00</u>
230	IRR	Isolations Valves - For Rain Garden Lateral Shutoff	6.	EACH	\$ <u>138.00</u>	\$ <u>828.00</u>
231	IRR	Manual Drain Valves	1.	EACH	\$ <u>585.00</u>	\$ <u>585.00</u>
232	IRR	Riser Assembly to Compression Tee (not incl. tree rings)	141.	EACH	\$ <u>10.00</u>	\$ <u>1410.00</u>
233	IRR	1/2" Drip Tubing, No Emitters	10,484.	EACH	\$ <u>2.50</u>	\$ <u>26210.00</u>
234	IRR	Netafim Drip Emitters (incl. 1/4" tubing)	2,960.	EACH	\$ <u>2.30</u>	\$ <u>6808.00</u>
235	IRR	Tree Ring Assembly	119.	EACH	\$ <u>22.00</u>	\$ <u>2618.00</u>
236	IRR	1/2 Inch Flush Box Assembly	72.	EACH	\$ <u>68.00</u>	\$ <u>4896.00</u>
237	IRR	Air Relief/Pressure Relief Assembly	1.	EACH	\$ <u>8215.00</u>	\$ <u>8215.00</u>
238	ELEC	Type One Pull Box	67.	EA	\$ <u>990.00</u>	\$ <u>66,330.00</u>
239	ELEC	Wiring		Lump SUM	---	\$ <u>89,100.00</u>
240	ELEC	Light Standard and Luminaire (Pedestrian)	60.	EA	\$ <u>5170.00</u>	\$ <u>310,200.00</u>
241	ELEC	Light Standard Foundation (Pedestrian)	60.	EA	\$ <u>2640.00</u>	\$ <u>158,400.00</u>
242	ELEC	Lighting Control Center PWR Pedestal (Special) (LCBP x1.74)	1.	EA	\$ <u>9900.00</u>	\$ <u>9900.00</u>
243	ELEC	Trench - Site Lighting and Electrical will require approximately 6,700 Linear Feet of Trenching.		Lump SUM	---	\$ <u>110,550.00</u>
MCR		Minor Contract Revisions	---	---	---	\$ <u>600,000.00</u>

**Bid Amount:** \$ 9987,139.09

**Bid Amount:**

Nine Million nine hundred eighty seven thousand one hundred thirty nine + 09/100 dollars

<b>Contractor Name:</b>	<u>M.A. Concrete Construction, Inc.</u>
<b>Contractor Address:</b>	<u>2323 River Rd</u>
<b>Contractor Phone #:</b>	<u>970-250-2453 - Andy</u>

BID BOND

KNOW ALL MEN BY THESE PRESENTS,

that we, M.A. Concrete Construction, Inc. (        an individual,        a partnership, X a corporation incorporated in the State of        CO ) as Principal, and Western Surety Company (incorporated in the State of        SD ) as Surety, are held and firmly bound unto the City of Grand Junction, Colorado, (hereinafter called "City") in the penal sum of Five Percent of Amount Bid dollars (\$        5% ), lawful money of the United States, for the payment of which sum we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that WHEREAS the Principal has submitted the accompanying Bid dated December 5, 2023 for construction of F 1/2 Road Parkway Phase 1 - IFB-23-03152 (the Project) for the City and

WHEREAS, the City has required as a condition for receiving said Bid that the Principal deposit with the City either a cashier's check or a certified check equivalent to not less than five percent of the amount of said Bid or in lieu thereof furnish a Bid Bond for said amount conditioned that in event of a failure to execute the proposed Contract for such construction and to provide the required Performance and Payment Bonds and Insurance Certificates if the Contract be awarded to the Bidder, that said sum be paid immediately to the City as Liquidated Damages and not as a penalty for the Principal's failure to perform.

NOW, THEREFORE, if the Principal shall, within the period specified therefore, on the attached prescribed forms presented to the Bidder for signature, enter into a written Contract with the City in accordance with said Bid as accepted, and give Performance and Payment Bonds with good and sufficient Surety, or Sureties, as may be required upon the forms prescribed by the City, for the faithful performance and the proper fulfillment of said Contract, provide Certificates of Insurance as required by said Contract, and provide all other information and documentation required by the Contract Documents, then this obligation shall be void and of no effect, otherwise to remain in full force and effect. In the event suit is brought upon this bond by the City and the City prevails, the principal and surety shall pay all costs incurred by the City in such suit, including reasonable attorneys' fees and costs to be fixed by the Court.



IN WITNESS WHEREOF, the above bound parties have executed this instrument under their several seals the name and corporate seal of each corporate party being hereto affixed and duly signed by its undersigned representative pursuant to authority of its governing board.

Dated this 5th day of December, 2023.

Principal: M.A. Concrete Construction, Inc.

Address: 2323 River Road  
Grand Junction, CO 81505

Signed: By: *Aly Acamaga* (seal)  
Title: *Vice President*

Surety: Western Surety Company

Address: 151 N. Franklin Street  
Chicago, IL 60606

Signed: By: *Tina Marie Post* (seal)  
Title: Tina Marie Post Attorney-in-Fact

#### INSTRUCTIONS FOR COMPLETING BID BOND

1. The full legal name and residence of each individual executing this Bond as Principal must be inserted in the first paragraph.
2. If the Principal is a partnership, the full name of the partnership and all individuals must be inserted in the first paragraph which must recite that individuals are partners composing the partnership, and all partners must execute the Bond as individuals.
3. The State of incorporation of each corporate Principal or Surety to the Bond must be inserted in the first paragraph and the Bond must be executed under the corporate seal of said party attested by its secretary or other appropriate officer.
4. Attach a copy of the power-of-attorney for the Surety's agent.

# 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

**Evan E Moody, Karen A Feggestad, Bradley J Moody, Tina Marie Post, Jody L Anderson, Elizabeth Ostblom, Andrew J Waterbury, Individually**

of Denver, CO, 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 and Resolutions 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 26th day of June, 2023.



WESTERN SURETY COMPANY

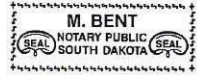
*Larry Kasten*

Larry Kasten, Vice President

State of South Dakota }  
County of Minnehaha } ss

On this 26th day of June, 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*

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 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 5th day of December, 2023



WESTERN SURETY COMPANY

*L. Nelson*

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.”



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/29/2023

**THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.**

**IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).**

<b>PRODUCER</b> Moody-Valley Insurance Agency, Inc. 760 Horizon Drive, Suite 302  Grand Junction CO 81506		<b>CONTACT NAME:</b> Moody-Valley Insurance Agency <b>PHONE (A/C, No, Ext):</b> (970) 248-8300 <b>FAX (A/C, No):</b> (970) 242-1894 <b>E-MAIL ADDRESS:</b> certrequestgj@moodyins.com																						
<b>INSURED</b>  M. A. Concrete Construction, Inc. P. O. Box 1968  Grand Junction CO 81502		<table border="1"> <tr> <th colspan="2">INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A:</td> <td>BITCO National Insurance Company</td> <td>20109</td> </tr> <tr> <td>INSURER B:</td> <td>BITCO General Insurance Corporation</td> <td>20095</td> </tr> <tr> <td>INSURER C:</td> <td>Pinnacle Assurance</td> <td>41190</td> </tr> <tr> <td>INSURER D:</td> <td>Continental Insurance Company</td> <td>35289</td> </tr> <tr> <td>INSURER E:</td> <td></td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> <td></td> </tr> </table>		INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A:	BITCO National Insurance Company	20109	INSURER B:	BITCO General Insurance Corporation	20095	INSURER C:	Pinnacle Assurance	41190	INSURER D:	Continental Insurance Company	35289	INSURER E:			INSURER F:		
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**COVERAGES**                      **CERTIFICATE NUMBER:** 22/23 Master                      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY			CLP3723706	12/01/2022	12/01/2023	EACH OCCURRENCE \$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000
							MED EXP (Any one person) \$ 5,000
							PERSONAL & ADV INJURY \$ 1,000,000
GEN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE \$ 2,000,000
	<input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC						PRODUCTS - COMP/OP AGG \$ 2,000,000
	OTHER:						Work Site Pollution \$ 1,000,000
B	<b>AUTOMOBILE LIABILITY</b>			CAP3723707	12/01/2022	12/01/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS						BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident) \$
							\$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR			CUP2823605	12/01/2022	12/01/2023	EACH OCCURRENCE \$ 2,000,000
	<input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE						AGGREGATE \$ 2,000,000
	DED <input checked="" type="checkbox"/> RETENTION \$ 10,000						\$
C	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>			4195192	09/01/2023	09/01/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y <input type="checkbox"/> N	N/A				E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Excess Liability			6045636010 Sits over UMB	12/01/2022	12/01/2023	Each Occurrence 3,000,000
							Aggregate 3,000,000

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)**

Bid Bond: F 1/2 Road Parkway Phase 1 - IFB-23-03152

<b>CERTIFICATE HOLDER</b>  City of Grand Junction 250 N 5th St  Grand Junction CO 81501	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE  <i>Moody-Valley Insurance Agency</i>
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AGENCY CUSTOMER ID: 00022370

LOC #: \_\_\_\_\_



## ADDITIONAL REMARKS SCHEDULE

Page \_\_\_\_\_ of \_\_\_\_\_

<b>AGENCY</b> Moody-Valley Insurance Agency, Inc.		<b>NAMED INSURED</b> M. A. Concrete Construction, Inc.	
<b>POLICY NUMBER</b>  		<b>EFFECTIVE DATE:</b>  	
<b>CARRIER</b>  	<b>NAIC CODE</b>  		

### ADDITIONAL REMARKS

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,**

**FORM NUMBER:** 25      **FORM TITLE:** Certificate of Liability Insurance: Notes

#### CONTRACTUAL LIABILITY APPLIES PER POLICY TERMS AND CONDITIONS

**General Liability:**

Blanket Additional Insured status applies only to the extent provided in form GL3085 10/19 when required by written contract.

Blanket Waiver of Subrogation applies only to the extent provided in form GL3085 10/19 when required by written contract.

Primary and Non-Contributory status only to the extent provided in form GL3085 10/19 when required by written contract.

Designated Project General Aggregate applies only to the extent provided in form GL3085 10/19 when required by written contract.

**Auto Liability:**

Blanket Additional Insured status applies only to the extent provided in form AP0401 10/17 when required by written contract.

Blanket Waiver of Subrogation applies only to the extent provided in form AP0401 10/17 when required by written contract.

Primary and Non-Contributory status only to the extent provided in form AP0401 10/17 when required by written contract.

**Umbrella Liability:**

Excess Liability policy is on a follow form basis for the following underlying insurance coverages: General Liability, Automobile Liability, and Employers Liability. Additional insured status will follow when required by written contract.

**Excess Liability:**

Excess Liability policy is on a follow form basis for the following underlying insurance coverages: Umbrella Liability. Additional insured status will follow when required by written contract.

**Worker's Compensation:**

359-B From Attached Includes Blanket Waiver of Subrogation. Status applies when required by written contract.

**IMPORTANT:**

The policy forms referenced will be sent via email only. To obtain copies, please send your request with the email address to certrequestj@moodyins.com





December 5, 2023

**RE: M.A. Concrete Construction, Inc.**

To Whom It May Concern:

Our agency has been acquainted with M.A. Concrete Construction, Inc. for several years. We have found the staff to be individuals of high integrity, with a vast knowledge of the construction industry. They have a well deserved reputation of producing a quality product in a timely and cost effective manner.

Surety bonds for M.A. Concrete Construction, Inc. are written by Western Surety Company through this agency. Western Surety Company has an A.M. Best rating of A and a financial size category of XIV. While no specific limitations have been placed on their surety program, M.A. Concrete is qualified to undertake single projects in excess of \$15,000,000 with an aggregate program in the \$25,000,000 range.

Approval of all bonds would be based upon the size, type and location of the project, as well as the favorable review of the plans, specifications, and contract. It is understood, of course, that any arrangement for bid, performance, payment and warranty bonds is a matter between this agency, M.A. Concrete Construction, Inc. and Western Surety Company. We assume no liability to third parties, or to you, if for any reason we do not execute said bonds.

We are proud to recommend M.A. Concrete Construction, Inc. to you for your upcoming project. If you have any questions, or require additional information on our valued client, please do not hesitate to contact me.

Sincerely,

A handwritten signature in blue ink that reads 'Karen A. Feggestad'.

Karen A. Feggestad  
Senior Surety Account Manager

cc: Western Surety Company  
M.A. Concrete Construction, Inc.