

ORD-0052-2022

EXHIBIT A



City of Gahanna  
Department of Public Service and Engineering  
200 South Hamilton Road • Gahanna, OH 43230  
614.342.4050 Phone • 614.342.4100 Fax • www.gahanna.gov

## **INVITATION FOR BID**

# **CHERRY BOTTOM RD STABILIZATION ST-1079**

**BID OPENING DATE: JULY 29, 2022 AT 11:00AM, LOCAL TIME**

The Righter Co., Inc.

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Company Name Submitting Bid

2424 Harrison Road

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Street Address

Columbus, OH 43204

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City, State, Zip

614-272-9700

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Telephone Number

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## NOTICE TO BIDDERS

Sealed bids will be received by the City of Gahanna, Ohio ("Owner") until **11 am**, local time, on **July 29, 2022**, through the Owner's electronic bidding system for all labor, material, and services necessary for the **Cherry Bottom Road Stabilization ST-1079** (the "Project"), as more fully described in the Contract Documents prepared by the City of Gahanna. Bids received after this time will not be accepted. Bids will be opened publicly and read immediately thereafter. Subject to the right of the Owner to reject any or all bids, the Owner will award contracts to the bidder(s) submitting the lowest and best bid(s).

**Engineer's Estimate: \$562,820.00**

The Owner utilizes an online electronic bidding system through BidExpress as its sole method of bid submission for projects and contracts that are subject to competitive bidding. Bidders new to the Owner's electronic bidding system must first register on the BidExpress website ([www.bidexpress.com](http://www.bidexpress.com)) to create an InfoTech Digital ID which is used to digitally sign bids. Registration is free. It can take up to five (5) business days to process a digital ID and it is highly recommended that a Digital ID be enabled 48-hours in advance of submitting an electronic bid. Bidders must plan accordingly. For additional guidance regarding the owner's electronic bidding system, bidders must contact Bid Express directly.

The project consists of installing sheet pile retaining walls to secure unstable slopes that have damaged the roadway at two locations along Cherry Bottom Road.

Each proposal must contain the full name of the party or parties submitting the proposal and all persons interested therein. Each bidder must submit evidence of its experiences on projects of similar size and complexity. The owner intends and requires that the work will commence on **September 7, 2022** and that the project be completed by **November 25, 2022**.

Each bidder is required to furnish with its proposal a Bid Guaranty and Contract Bond for the full amount of the bid in accordance with Section 153.54 of the Ohio Revised Code and as described in the Information and Requirements for Bidders. Bid security furnished in Bond form, shall be issued by a Surety Company or corporation licensed in the State of Ohio to provide said surety.

All contractors and subcontractors involved with the project will to the extent practicable use Ohio products, materials, services, and labor in the implementation of their project. Additionally, contractor compliance with the equal employment opportunity requirements of Ohio Administrative Code Chapter 123 is required.

Bidders must comply with the prevailing wage rates on Public Improvements in Franklin County and the City of Gahanna, Ohio as determined by the Ohio Department of Commerce, Bureau of Wage and Hour Administration, 614.644.2239.

No Bidder may withdraw its bid within sixty (60) days after the bid opening. The Owner reserves the right to waive irregularities in bids, to reject any or all bids, and to conduct such investigation as necessary to determine the lowest and best bidder for each contract.

D. Grant Crawford, Director of Public Service and Engineering

Advertise: July 14, 2022 & July 21, 2022

## INFORMATION AND REQUIREMENTS FOR BIDDERS

### Information and Requirements for Bidders Coversheet (the "Coversheet")

Each Bidder shall be responsible for submitting its Bid in accordance with the instructions in this Information and Requirements for Bidders, for the bid opening, before **11 AM** (local time) on **July 29, 2022** (the "Bid Deadline").

The Bid shall be submitted through the Owner's electronic bidding system, as its sole method of bid submission for projects and contracts that are subject to competitive bidding. Bidders new to the Owner's electronic bidding system must first register on the BidExpress website ([www.bidexpress.com](http://www.bidexpress.com)) to create an InfoTech Digital ID which is used to digitally sign bids. Registration is free. It can take up to five (5) business days to process a Digital ID and it is highly recommended that a Digital ID be enabled 48 hours in advance of submitting an electronic bid. Bidders must plan accordingly. For additional guidance regarding the Owner's electronic bidding system, bidders must contact BidExpress directly. Each Bidder shall be responsible for submitting its electronic Bid as instructed by the Owner, before the Bid Deadline.

The Design Professional (referred to as the "Design Professional" or "Engineer" in the Contract Documents) is: Steve Loskota, P.E.  
S&ME  
Enterprise Court  
Dublin, OH 43016  
Phone: 614-793-2226

The Project and Work for the Project consists of all labor, materials, equipment, and services necessary for the **Cherry Bottom Road Stabilization ST-1079** (the "Project").

The Date for Substantial Completion is **November 25, 2022**.

The total estimated construction cost for the base bid Work on the Project for which bids are being solicited at this time is **\$562,820.00**.

A complete set of the Contract Documents is available for examination, without charge, on BidExpress.

- A. BIDDER'S PLEDGE AND AGREEMENT
- B. EXAMINATION OF CONTRACT DOCUMENTS AND SITE CONDITIONS AND RELIANCE UPON TECHNICAL DATA
- C. OWNER & DESIGN PROFESSIONAL
- D. PROJECT
- E. WORK
- F. ESTIMATE OF COST
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- R. OWNER'S RIGHT TO WAIVE DEFECTS AND IRREGULARITIES
- S. MODIFICATION/WITHDRAWAL OF BIDS
- T. COMPLIANCE WITH APPLICABLE LAWS
- U. FINDINGS FOR RECOVERY
- V. PREVAILING WAGES
- W. FEDERAL FUNDING
- X. OHIO PUBLIC WORKS COMMISSION FUNDING

**A. BIDDER'S PLEDGE AND AGREEMENT**

1. Each Bidder acknowledges that this is a public project involving public funds and that the Owner expects and requires that each successful Bidder adhere to the highest ethical and performance standards. Each Bidder by submitting a bid pledges and agrees that (a) it will act at all times with absolute integrity and truthfulness in its dealings with the Owner and the Design Professional, (b) it will use its best efforts to cooperate with the Owner and the Design Professional and all other Contractors on the Project and at all times will act with professionalism and dignity in its dealings with the Owner, Design Professional, and other Contractors, (c) it will assign only competent supervisors and workers to the Project, each of whom is fully qualified to perform the tasks that are assigned to him/her, and (d) it has read, understands and will comply with the terms of the Contract Documents.

**B. EXAMINATION OF CONTRACT DOCUMENTS AND SITE CONDITIONS AND RELIANCE UPON TECHNICAL DATA**

1. Each Bidder shall have a competent person carefully and diligently review each part of the Contract Documents, including the Divisions of the Specifications and parts of the Drawings that are not directly applicable to the Work on which the Bidder is submitting its bid. By submitting its bid, each Bidder represents and agrees, based upon its careful and diligent review of the Contract Documents, that it is not aware of any conflicts, inconsistencies, errors, or omissions in the Contract Documents for which it has not notified the Design Professional in writing at least seven (7) days prior to the bid opening. If there are any such conflicts, inconsistencies, errors, or omissions in the Contract Documents, the Bidder (i) will provide the labor, equipment, or materials of the better quality or greater quantity of Work and/or (ii) will comply with the more stringent requirements. The Bidder will not be entitled to any additional compensation for any conflicts, inconsistencies, errors, or omissions that would have been discovered by such careful and diligent review, unless it has given prior written notice to the Design Professional.
2. Each Bidder shall have a competent person carefully and diligently inspect and examine the entire site and the surrounding area, including all parts of the site applicable to the Work for which it is submitting its bid, including location, condition, and layout of the site and the location of utilities, and carefully correlate the results of the inspection with the requirements of the Contract Documents. The Bidder's bid shall include all costs attributable to site and surrounding area conditions that would have been discovered by such careful and diligent inspection and examination of the site and the surrounding area, and the Bidder shall not be entitled to any Change Order, additional compensation, or additional time on account of such conditions.
3. The Bidder may rely upon the general accuracy of any technical data included in the Project Manual (e.g., soils exploration reports, soil boring logs, site survey, or abatement reports) in preparing its bid, but such technical data are not part of the Contract Documents. Except for the limited reliance described in the preceding sentence, Bidder may not, if awarded a contract for the Work, rely upon or make any Claim against the Owner or Design Professional, or any of their agents or employees, with respect to any of the following:
  - (a) the completeness of such reports and drawings for Bidder's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences, and procedures of construction to be employed by the successful Bidder and safety precautions and programs incident thereto;
  - (b) other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings; or

- (c) any interpretation by the successful Bidder of or conclusion drawn from any technical data or any such other data, interpretations, opinions, or information. For example, all interpolations and extrapolations of data performed by the Bidder to estimate locations or quantities of subsurface strata are independent factual assumptions, which Owner does not warrant.
4. Each Bidder will be deemed to have actual knowledge of all information provided or discussed at a pre-bid meeting.

**C. OWNER & DESIGN PROFESSIONAL**

1. The Owner is:

City of Gahanna

Telephone: 614-342-4050

Fax: 614-342-4100

The Owner's Representative is **D. Grant Crawford**, Director of Public Service and Engineering

2. The Design Professional (referred to as the "Design Professional" or "Engineer" in the Contract Documents) is set forth in the Coversheet.

**D. PROJECT**

1. The Project and Work for the Project consists of all labor, materials, equipment, and services necessary for the Project as identified in the Coversheet, all in accordance with the Drawings and Specifications prepared by the Design Professional. The Project will be substantially complete by the Date for Substantial Completion, identified in the Coversheet.

**E. WORK**

1. The Project consists of the contract(s) for work on the Project identified in the Coversheet. Individual bid package estimates are provided for the Bidder's information only.

**F. ESTIMATE OF COST**

1. The total estimated construction cost for the base bid Work on the Project for which bids are being solicited at this time is set forth in the Coversheet.

## G. CONTRACT DOCUMENTS

1. The Contract Documents consist of the Contract Documents listed in Section 1 of the Owner-Contractor Agreement.

A complete set of the Contract Documents is available for examination, without charge, at the Office of the Director of Public Service and Engineering, 200 South Hamilton Road, Gahanna, Ohio 43230 during its normal business hours, as well as on BidExpress as identified in the Coversheet.

Bidders shall use complete sets of Contract Documents in preparing bids. Neither the Owner nor the Design Professional assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Contract Documents.

The Owner or the Design Professional, in making the Contract Documents available on the above terms, does so only for the purpose of obtaining bids on the Work and does not confer a license or grant for any other use.

## H. PREPARATION OF BIDS

1. All bid documents in **Appendix C** must be completed and submitted at the time of the bid opening including but not limited to a Bid Guaranty. See Section H.7 below. **Appendix F** must also be completed, signed, and submitted at the time of the bid opening (upload signed Appendix F in the Contractor's Qualification Statement Additional Material section within BidExpress.) All bids must be submitted on the Bid Form furnished with the Contract Documents.
2. Fill in all blank spaces, typewritten, in words and figures, and in figures only where no space is provided for words: sign the Bid Form. The wording on the Bid Form shall be used without change, alteration, or addition. Any change in the wording or omission of specified accompanying documents may cause the bid to be rejected. If there is an inconsistency or conflict in the bid amount, the lowest amount shall control, whether expressed in numbers or words.
3. Bidders shall note receipt of all Addenda by signing and including as an attachment under Contractor's Qualifications Statement (Additional Material) on BidExpress. If the Bidder fails to acknowledge receipt of each Addendum, the Bid shall be deemed non-responsive, unless the Bid amount clearly and unambiguously reflects receipt of the Addendum or the Addendum involves only a matter of form and does not affect the price, quantity, or quality of the Work to be performed in any material manner.

The bid opening shall be extended one (1) week if any addenda is issued within a seventy-two (72) hour period prior to the bid opening, excluding Saturdays, Sundays and legal holidays, with no further advertising of bids required unless otherwise noted in the addendum. It is the sole responsibility of the bidder to ensure that their bid is received in the proper time before the bid deadline.

4. Each Bidder shall submit their bid only through the Owner's electronic bidding system as set forth in the Coversheet. The Bid Form shall be signed with the name typed below the signature. A Bidder that is a corporation shall sign its bid with the legal name of the corporation followed by the name of the state of incorporation and the legal signature of an officer authorized to bind the corporation to a contract.
5. The completed Bid Form shall be accompanied by the following documents: All bid documents in **Appendix C**, as well as **Appendix F** must be completed, signed, which are



located on BidExpress. Any change in the wording or omission of specified accompanying documents may cause the bid to be rejected.

6. The Bidder shall take the following precautions in preparing its bid:
    - a. Sign the bid and check to insure all blank spaces have been filled in with requested information and the specified accompanying documents (listed in Item 5 above).
    - b. When the Bid Form provides for quoting either an addition or deduction for an Alternate item, indicate whether the sum named is an addition or deduction. If it is not indicated, it will be conclusively presumed that the amount is a deduction.
    - c. When the Bid Form provides for quoting a unit price, the Bidder should quote the unit price as set forth in the Bid Documents.
    - d. When applicable, make sure that the Bid Guaranty is properly executed and signed by:
      - 1) The Bidder
      - 2) The Surety or Sureties
    - e. The form of Bid Guaranty must be a Bid Guaranty and Contract Bond and the amount may be left blank; if an amount is inserted, it must equal the total of the base bid and all add alternates included. If an amount is inserted, the failure to state an amount equal to or greater than the total of the base bid and all add alternates that are accepted shall make the bid non-responsive.
    - f. Make sure that the appropriate bid package and scope of work is inserted in the correct space on the Bid Guaranty and Contract Bond Form. Failure to include work covered by the bid submitted may make the bid non-responsive.
    - g. Combination Bids. The Owner may provide the option of submitting a combination bid on the Bid Form.
      - (1) When there is an option for submitting a combination bid on the Bid Form, a Bidder desiring to submit a combination bid for two or more bid packages shall include both of the following on the Bid Form:
        - (a) the combination bid amount in the space provided, identifying the bid packages included in the combination bid amount; AND
        - (b) separate base bids for each bid package, including alternates, included in the combination bid in the places provided on the Bid Form for the individual bid packages.
- NOTE: The individual cost amounts of each base bid need not total the combination bid amount.

7. Bonds and Guarantees
  - a. Bid Guaranty: Bidder shall furnish a Bid Guaranty, in the form of a bond for the full amount of the bid in the form of the Bid Guaranty and Contract Bond included in the Contract Documents. Failure to include the Bid Guaranty in such form may make the bid non-responsive. The Bid amount shall be the total of all sums bid, including all add alternates with no deduction for any deduct alternates. NOTE: AIA Bid Bond forms are not acceptable. Alternate bid guaranty forms are not acceptable.
  - b. The bond must be issued by a surety company ("Surety") authorized by the Ohio Department of Insurance to transact business in the State of Ohio and acceptable to the Owner. The bond must be issued by a Surety capable of demonstrating a record

of competent underwriting, efficient management, adequate reserves, and sound investments. These criteria will be deemed to be met if the Surety currently has an A.M. Best Company Policyholders Rating of "A-" better and has or exceeds the Best Financial Size Category of Class VI. Other Sureties may be acceptable to the Owner, in its sole discretion.

- d. All bonds shall be signed by an authorized agent of an acceptable Surety and by the Bidder.
- e. Surety bonds shall be supported by credentials showing the Power of Attorney of the agent, a certificate showing the legal right of the Surety to do business in the State of Ohio, and a financial statement of the Surety.
- f. The Bid Guaranty, as applicable, shall be in the name of or payable to the order of the Owner.
- g. The name, address, and telephone and fax numbers of the Surety and the Surety's Agent should be typed or printed on each bond.

## **I. METHOD OF AWARD**

1. All bids shall remain open for acceptance for sixty (60) days following the day of the bid opening, but the Owner may, in its sole discretion, release any bid and return the Bid Guaranty prior to that date. The Bid Guaranty shall be subject to forfeiture, as provided in the Ohio Revised Code, if a bid is withdrawn during the period when bids are being held.
2. The Owner reserves the right to reject any, part of any, or all bids and to waive any informalities and irregularities. The Bidder expressly acknowledges this right of the Owner to reject any or all bids or to reject any incomplete or irregular bid. The Owner will award a single contract for each of the bid packages listed above or one or more combined contracts for combinations of the Bid Packages, unless it determines to reject one or more bid packages. Bidders must furnish all information requested on or accompanying the Bid Form. Failure to do so may result in disqualification of the bid.
3. Determination of the Bidder Submitting the Lowest and Best Bid. Subject to the right of the Owner to reject any or all bids, the Owner will award the Contract for the Work to the Bidder submitting the lowest and best bid, taking into consideration accepted alternates. In evaluating bids, the Owner may consider the qualifications of the Bidders, whether or not the bids comply with the prescribed requirements, and alternates and unit prices, if requested, on the Bid Form. The Owner may also consider the qualifications and experience of subcontractors and suppliers. The Owner may conduct such investigations as are deemed necessary to establish the qualifications and financial ability of the Bidder and its subcontractors and suppliers. The factors the Owner may consider in determining which Bidder submitted the lowest and best bid or which Bidders submitted the lowest and best bids include the factors set forth below. The Owner, in its discretion, may consider and give such weight to these criteria as it deems appropriate.
  - a. The Bidder's work history. The Bidder should have a record of consistent customer satisfaction and of consistent completion of projects, including projects that are comparable to or larger and more complex than the Owner's Project, on time and in accordance with the applicable Contract Documents, and the Bidder's claims history. If the Bidder's management operates or has operated another construction company, the Owner may consider the work history of that company in determining whether the Bidder submitted the lowest and best bid.

The Owner may consider the Bidder's prior experience on other projects with the Owner and Design Professional, including the Bidder's demonstrated ability to complete its work on these projects in accordance with the Contract Documents and on time, and will also consider its ability to work with the Owner and Design Professional as a willing, cooperative, and successful team member.

The Bidder authorizes the Owner and its representatives to contact the owners and design professionals (and construction managers, if applicable) on projects on which the Bidder has worked and authorizes and requests such owners and design professionals (and construction managers) to provide the Owner with a candid evaluation of the Bidder's performance. By submitting its bid, the Bidder agrees that if it or any person, directly or indirectly, on its behalf or for its benefit brings an action against any of such owners or design professionals (or construction managers) or the employees of any of them as a result of or related to such candid evaluation, the Bidder will indemnify and hold harmless such owners, design professionals (and construction managers) and the employees of any of them from any claims whether or not proven that are part of or are related to such action and from all legal fees and expenses incurred by any of them arising out of or related to such legal action. This obligation is expressly intended for the benefit of such owners, design professionals (and construction managers), and the employees of each of them.

- b. The Bidder's financial ability to complete the Contract successfully and on time without resort to its Surety.
  - c. The Bidder's prior experience with similar work on comparable or more complex projects.
  - d. The Bidder's prior history for the successful and timely completion of projects, including the Bidder's history of filing and having claims filed against it.
  - e. The Bidder's equipment and facilities.
  - f. The adequacy, in numbers and experience, of the Bidder's work force to complete the Contract successfully and on time.
  - g. The Bidder's compliance with federal, state, and local laws, rules, and regulations, including but not limited to the Occupational Safety and Health Act, the Ohio Prevailing Wage laws, and Ohio ethics laws.
  - h. The foregoing information with respect to each of the Subcontractors and Suppliers that the Bidder intends to use on the Project.
  - i. The Bidder's participation in a drug-free workplace program acceptable to the Owner, and the Bidder's record for both resolved and unresolved findings of the Auditor of State for recovery as defined in Section 9.24 of the Ohio Revised Code.
  - j. The Owner's prior experience with the Bidder's surety.
  - k. The Bidder's interest in the Project as evidenced by its attendance at any pre-bid meetings or conferences for bidders.
  - l. The Bidder's ability to self-perform the work on the Project with the Bidder's own forces.
  - m. Depending upon the type of the work, other essential factors, as the Owner may determine and as are included in the Specifications.
4. Within three (3) business days after the Owner's identification of the apparent low bidder, if requested, the apparent low bidder will complete and submit to the Design Professional a

completed Contractor's Qualification Statement (using the form included in the Project Manual), and thereafter will provide the Design Professional with such additional information as the Design Professional may request regarding the Bidder's qualifications. Additionally, upon request from the Design Professional, any other Bidder will promptly complete and submit to the Design Professional a completed Contractor's Qualification Statement and thereafter will provide the Design Professional with such additional information as the Design Professional may request regarding the Bidder's qualifications. A Bidder will submit any requested information within three (3) business days of the date of the request.

5. The failure to submit requested information on a timely basis may result in the determination that the Bidder is not the lowest and best bidder.
6. By submitting its bid, the Bidder agrees that the Owner's determination of which bidder is the lowest and best bidder shall be final and conclusive, and that if the Bidder or any person or association on its behalf challenges such determination in any legal proceeding, the Bidder shall indemnify and hold the Owner and its employees and agents harmless from any claims included in or related to such legal proceeding, whether or not proven, and from legal fees and expenses incurred by the Owner, its employees, or agents that arise out of or are related to such challenge.
7. Within three (3) business days of receipt of the bids or such longer time as may be permitted in writing by the Design Professional, the apparent low Bidder will submit a list of all proposed Subcontractors and Suppliers.

After approval by the Owner and Design Professional of the list of proposed Subcontractors, Suppliers, and manufactures submitted by the successful Bidder, the list shall not be changed unless written approval of the change is authorized by the Owner and Design Professional.

8. Affidavit as to Personal Property Taxes. Each successful Bidder shall submit, prior to the time of the entry into the Contract, an affidavit in the form required by Section 5719.042, Ohio Revised Code, regarding the status of the Bidder's personal property taxes. A copy of the affidavit form is included with the Contract Documents.
9. No Bidder may withdraw its bid within sixty (60) days after the date bids are opened. The Owner reserves the right to waive any formalities or irregularities or to reject any or all bids.
10. The Owner reserves the right to disqualify bids, before or after opening, upon evidence of collusion with intent to defraud or other illegal practices on the part of the Bidder.
11. Award of Contract. The award of the Contract, when required, will only be made pursuant to a duly adopted resolution of the Owner.

#### **J. EXECUTION OF CONTRACT**

1. Within 10 days after award of the Contract, the successful Bidder shall execute and deliver to the Design Professional the required number of copies of the Owner-Contractor Agreement, in the form included in the Contract Documents, and all accompanying documents requested, including, but not limited to, a Contract Bond (if applicable), insurance certificates, and a valid Workers' Compensation Certificate. The award of Contract notwithstanding, the successful Bidder shall have no property interest or rights under the Owner-Contractor Agreement until such time as the Owner-Contractor Agreement is executed by the successful bidder and the Owner.

#### **K. SUBSTITUTIONS/NON-SPECIFIED PRODUCTS**

1. Certain brands of material or apparatus may be specified. Each bid will be based on these brands, which may be referred to in the Contract Documents as Standards. The use of

another brand (referred to as a substitution or proposed equal in the Contract Documents, when a bidder or the contractor seeks to have a different brand of material or apparatus than that specified approved by the Owner for use in the Project) may be requested as provided herein. Substitutions, however, will not be considered in determining the lowest and best bid.

2. The products specified in the Contract Documents establish a standard of required function, dimension, appearance, and quality.
3. Bidders wishing to obtain approval to bid non-specified products shall submit written requests to the Design Professional a minimum of ten (10) working days before the bid date and hour. To facilitate the submission of requests, the Bidder shall submit a form that includes the name of the material or equipment for which it is to be substituted and a complete description of the proposed substitution, including the name of the proposed manufacturer and/or product and a complete description of the proposed product including manufacturer's name and model number or system proposed, drawings, product literature, performance and test data, color selections or limitations, and any other information necessary for evaluation. Include a statement including any changes in other materials, equipment, or other work that would be required if the proposed product is incorporated in the work. The burden of proof of the merit of the proposed product in on the proposer. The Design Professional's decision on approval of a proposed product will be final.

The following will be cause for rejection of a proposed substitution:

- a. Requests submitted by subcontractors, material suppliers, and individuals other than Bidders;
  - b. Requests submitted without adequate documentation;
  - c. Requests received after the specified cut-off date.
4. When the Design Professional approves a product submission before receipt of bids, the approval will be included in an Addendum, and Bidders may include the pricing of this product in their bid. Bidders shall not rely on approvals made in any other manner.
  5. In proposing a non-specified product or a substitution, the Bidder represents and warrants that each proposed product will not result in any changes to the Project, including changes to the Work of other contractors, or any decrease in the performance of any equipment or systems to be installed in the Project and agrees to pay any additional costs incurred by the Owner and the Owner's consultants as a result of a non-specified or substitute product that is accepted.
  6. Following the award of the Contract, there shall be no substitutions for specified products, except pursuant to a Change Order. The Owner in its sole discretion may decline to consider a substitution for a Change Order.

#### **L. ALTERNATES**

1. The Owner may request bids on alternates. If the Owner requests bids on alternates, the Bidder should include the cost of the alternates requested on its Bid Form.
2. At the time of awarding the contract, the Owner will select or reject alternates as it determines is in its best interest. A Bidder's failure to include on its Bid Form the cost of an alternate selected by the Owner and applicable to the Bidder's work shall render the bid non-responsive and be grounds for the rejection of the bid. Otherwise, the failure to include the cost of an alternate will not be deemed material.

3. The Bidder acknowledges that although there is an estimate for the cost of the Project, the market conditions may and frequently do result in the estimate being different from the sum of the bids received, either higher or lower. The Bidder understands that the Owner may include alternates, which may include deduct alternates as well as add alternates, to give it flexibility to build the Project with the funds available. The Bidder further understands and acknowledges that use of add and deduct alternates is a long held customary practice in the construction industry in the State of Ohio. The Bidder also acknowledges that the Owner will not make a decision about the alternates on which to base the award of contracts until the bids are received, and the Owner can compare its available funds with the base bids and the cost or savings from selecting different alternates. The Bidder understands that the award to the Bidder submitting the lowest and best bid will be based on the lowest base bid plus selected alternates, and may result in an award to a Bidder other than the Bidder that submitted the lowest base bid.
4. If, during the progress of the Work, the Owner desires to reinstate any alternate not included in the Contract, the Owner reserves the right to reinstate the alternate at the price bid by the Contractor provided that such action is taken in sufficient time so as not to delay the progress of the work or cause the Contractor additional expense.

**M. UNIT PRICES**

1. Where unit prices are requested in the Bid Form for a Prime Contract on which the Bidder submits a bid, the Bidder should quote a unit price. Unless otherwise expressly provided in the Bid Documents, such unit prices shall include all labor, materials, and services necessary for the timely and proper installation of the item for which the unit prices are requested. The unit prices quoted in the bid shall be the basis for any Change Orders entered into under the Owner-Contractor Agreement, unless the Design Professional determines that the use of such unit prices will cause substantial inequity to either the Contractor or the Owner.

**N. ADDENDA**

1. The Owner reserves the right to issue Addenda changing, altering, or supplementing the Contract Documents prior to the time set for receiving bids. Addenda may be issued to clarify bidders' questions and/or to change, alter, or supplement the Contract Documents.
2. Any explanation, interpretation, correction, or modification of the Contract Documents will be issued in writing in the form of an Addendum, which shall be the only means considered binding; explanations, interpretations, etc., made by any other means shall NOT be legally binding. All Addenda shall become a part of the Contract Documents.
3. Bidders shall submit written questions to the Design Professional in sufficient time in advance of the bid opening to allow sufficient time for the Design Professional to respond. The Owner—after consultation with the Design Professional—shall in its sole discretion determine whether or not an Addendum will be issued. All Addenda will be issued, except as hereafter provided, and emailed (unless a different delivery method is requested) to persons who have obtained Contract Documents for the Project, at least seventy-two (72) hours prior to the published time for the opening of bids, excluding Saturdays, Sundays, and legal holidays. If any Addendum is issued within such seventy-two (72) hour period, then the time for opening of bids shall be extended one (1) week with no further advertising of bids required unless otherwise noted in the Addendum.
4. Copies of each Addendum will be sent only to the Bidders to whom Contract Documents have been issued and to Plan Rooms where copies of the Contract Documents are maintained. Receipt of Addenda shall be indicated by Bidders in the space provided on the

Bid Form. Bidders are responsible for acquiring issued Addenda in time to incorporate them into their bid. Bidders should contact the Design Professional prior to the bid opening to verify the number of Addenda issued.

5. Each Bidder shall carefully read and review the Contract Documents and immediately bring to the attention of the Design Professional any error, omission, inconsistency, or ambiguity therein.
6. If a Bidder fails to indicate receipt of all Addenda through the last Addendum issued by the Design Professional on its Bid Form, the bid of such Bidder will be deemed to be responsive only if:
  - a. The bid received clearly indicates that the Bidder received the Addendum, such as where the Addendum added another item to be bid upon and the Bidder submitted a bid on that item; or
  - b. The Addendum involves only a matter of form or is one which has either no effect or has merely a trivial or negligible effect on price, quantity, quality, or delivery of the item bid upon.

**O. INTERPRETATION**

1. If a Bidder contemplating submitting a bid for the proposed Project is in doubt as to the true meaning of any part of the Contract Documents, it may submit a written request for an interpretation thereof to the Design Professional a minimum of five (5) business days prior to the Bid opening date. Any interpretation of the proposed documents will be made by Addendum only, duly signed by the Design Professional, and a copy of such Addendum will be delivered to each Bidder receiving a set of Contract Documents or that has asked to be added to the plan holders list. Addenda and clarifications will be sent via email, unless a different delivery method is requested. The Owner will not be responsible for any other explanation or interpretation of the proposed documents.
2. In interpreting the Contract Documents, words describing materials that have a well-known technical or trade meaning, unless otherwise specifically defined in the Contract Documents, shall be construed in accordance with the well-known meaning recognized by the trade.
3. Bidders are responsible for notifying the Design Professional in a timely manner of any ambiguities, inconsistencies, errors, or omissions in the Contract Documents. The Bidder shall not, at any time after the execution of the Contract, be compensated for a claim alleging insufficient data, incomplete Contract Documents, or incorrectly assumed conditions regarding the nature or character of the Work, if no request was made by the Bidder prior to the bid opening.

**P. STATE SALES AND USE TAXES**

1. The Owner is a political subdivision of the State of Ohio and is exempt from taxation under the Ohio Sales Tax and Use Tax Laws. Building materials that the successful Bidder purchases for incorporation into the Project will be exempt from state sales and use taxes if the successful Bidder provides a properly completed Ohio Department of Taxation Construction Contract Exemption Certificate to the vendors or suppliers when the materials are acquired. The Owner will execute properly completed certificates on request.

**Q. DATE FOR SUBSTANTIAL COMPLETION/LIQUIDATED DAMAGES**

1. Date for Substantial Completion. Each successful Bidder shall have its Work on the Project Substantially Complete (as Substantial Completion is defined in the Contract Documents) by

the Date of Substantial Completion set forth in the Coversheet, or within the Contract Time, as applicable to the Bidder's scope of work.

The Contract Time shall run from the date of the Notice to Proceed or if there is no Notice to Proceed from the Effective Date of the Owner- Contractor Agreement. The Date for Substantial Completion Date and the Contract Time may be extended only by Change Order, by other Modification, or by a Claim that is Finally Resolved. By submitting its Bid, each Bidder agrees that the period for performing its Work is reasonable.

2. Liquidated Damages. If the successful Bidder does not have its Work Substantially Complete by its Date for Substantial Completion and/or Finally Complete within forty-five (45) days of achieving Substantial Completion, whichever may be applicable, the successful Bidder shall pay the Owner and the Owner may set off from amounts otherwise due the successful Bidder Liquidated Damages. The daily amounts of Liquidated Damages are set forth in the tables included in the Owner-Contractor Agreement. The total amounts of Liquidated Damages will be calculated based on the total number of calendar days beyond the Date for Substantial Completion that the Bidder's Work is not Substantially Complete and/or to the extent that its Work is not Finally Complete more than forty-five (45) after the Substantial Completion of its Work, i.e., number of late days times the per diem rate(s) for Liquidated Damages in the tables. In addition to such Liquidated Damages, the Bidder shall indemnify, defend, and hold the Owner and its employees and agents harmless from any and all claims, whether or not such claims are proven, and from all costs and expenses incurred as a result of such claims, including but not limited to attorneys' and consultants' fees and expenses, that arise out of or are related to the Bidder's failure to Substantially Complete its Work by its Date for Substantial Completion. The Bidder's obligations under this Section are joint and several.
3. The Bidder acknowledges and agrees, by submitting its bid for the Work and entering into a Contract with the Owner, that such amounts of Liquidated Damages represent a reasonable estimate of the actual damages for loss of or interference with the intended use of the Project that the Owner would incur if the Bidder's Work is not Substantially Complete by its Date for Substantial Completion and/or not Finally Complete by forty-five (45) days of the Date of Substantial Completion. The Bidder further acknowledges, agrees and understands that it may seek an extension of the Contract Time (and its Date for Substantial Completion) to avoid or reduce Liquidated Damages by properly following the Claim procedures in the Contract Documents.

## **R. OWNER'S RIGHT TO WAIVE DEFECTS AND IRREGULARITIES**

1. The Owner reserves the right to waive any and all irregularities provided that the defects and irregularities do not affect the amount of the bid in any material respect or otherwise give the Bidder a competitive advantage.

## **S. MODIFICATION/WITHDRAWAL OF BIDS**

1. Modification. A Bidder may modify its bid by written communication to the Owner addressed to the Owner's Representative at any time prior to the scheduled closing time for receipt of bids, provided such written communication is received by Owner's Representative prior to the bid deadline. The written communication shall not reveal the bid price, but should provide the addition or subtraction or other modification so that the final prices or terms will not be known until the sealed bid is opened. If the Bidder's written instructions with the change in bid reveal the bid amount in any way prior to the bid opening, the bid may be rejected as non-responsive.



2. Withdrawal Prior to Bid Deadline. A Bidder may withdraw its bid at any time for any reason prior to the bid deadline for the opening of bids established in the Legal Notice. The request to withdraw shall be made in writing to and received by the Owner's Representative prior to the time of the bid opening.
3. Withdrawal after Bid Deadline.
  - a. All bids shall remain valid and open for acceptance for a period of at least 60 days after the bid opening; provided, however, that a Bidder may withdraw its bid from consideration after the bid deadline when all of the following apply:
    - (1) the price bid was substantially lower than the other bids;
    - (2) the reason for the bid being substantially lower was a clerical mistake, rather than a mistake in judgment, and was due to an unintentional and substantial error in arithmetic or an unintentional omission of a substantial quantity of work, labor, or material;
    - (3) the bid was submitted in good faith; and
    - (4) the Bidder provides written notice to the Owner, to the attention of the Owner's Representative, within two (2) business days after the bid opening for which the right to withdraw is claimed.
  - b. No bid may be withdrawn under this provision if the result would be the awarding of the contract on another bid for the bid package from which the Bidder is withdrawing its bid to the same Bidder.
  - c. If a bid is withdrawn under this provision, the Owner may award the Contract to another Bidder determined by the Owner to be the lowest and best bidder or the Owner may reject all bids and advertise for other bids. In the event the Owner advertises for other bids, the withdrawing Bidder shall pay the costs incurred in connection with the rebidding by the Owner, including the cost of printing new Contract Documents, required advertising, and printing and mailing notices to prospective bidders, if the Owner finds that such costs would not have been incurred but for such withdrawal.

## **T. COMPLIANCE WITH APPLICABLE LAWS**

1. By submitting a bid for Work on the Project, the Bidder acknowledges that it is in compliance with applicable federal, state, and local laws and regulations, including, but not limited to, the following:
  - a. Equal Employment Opportunity/Nondiscrimination. The Bidder agrees that if it is awarded a contract that in the hiring of employees for performance of work under the contract or any subcontract, neither it nor any subcontractor, or any person acting on its behalf or its subcontractor's behalf, by reason of race, creed, sex, disability as defined in Section 4112.01 of the Ohio Revised Code, or color, shall discriminate against any citizen of the state in the employment of labor or workers who are qualified and available to perform work to which the employment relates. The Bidder further agrees that neither it nor any subcontractor or any person on its behalf or on behalf of any subcontractor, in any manner, shall discriminate against or intimidate any employees hired for the performance of the work under the contract on account of race, creed, sex, disability as defined in Section 4112.01 of the Ohio Revised Code, or color.

- b. Ethics Laws. The Bidder represents that it is familiar with all applicable ethics law requirements, including without limitation Sections 102.04 and 3517.13 of the Ohio Revised Code, and certifies that it is in compliance with such requirements.

**U. FINDINGS FOR RECOVERY**

1. By submitting its bid, each Bidder certifies for reliance of the Owner that it has no unresolved finding for recovery against it issued by the Auditor of the State of Ohio on or after January 1, 2001, except as permitted by Section 9.24 (F) of the Ohio Revised Code.

**V. PREVAILING WAGES**

1. For "Construction" projects as defined in Section 4115.03 of the Ohio Revised Code, the successful Bidder and all of its subcontractors, regardless of tier, will strictly comply with its obligation to pay a rate of wages on the Project not less than the rate of wages fixed for this Project under Section 4115.04 of the Ohio Revised Code. Additionally, for such "Construction Projects," the successful Bidder will comply with all other provisions of Chapter 4115 of the Ohio Revised Code. Where Federal prevailing wage rates apply the successful Bidder and all of its subcontractors, regardless of tier, will strictly comply with its obligation to pay a rate of wages on the Project not less than the rate of wages fixed for this Project under the applicable Federal law. See **Appendix B**.

**W. FEDERAL FUNDING**

1. If the Project is subject to terms as a result of federal funding, it will be indicated in the Contract Documents.

**X. OHIO PUBLIC WORKS COMMISSION FUNDING**

1. For projects funded in whole or in part by the Ohio Public Works Commission, the State of *Ohio Equal Employment Opportunity Requirements and Bid Conditions for OPWC-Assisted Construction Projects* shall apply and Bidders must conform to its requirements, including but not limited to furnishing the required certifications with Bidder's bid. These requirements are included in **Appendix G**.

# **APPENDIX A**

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## **ODOT Manual Supplement**

## ODOT MANUAL SUPPLEMENT

This Supplement shall apply where and to the extent that the State of Ohio Department of Transportation Construction and Material Specifications, in the current version as of July 14, 2022, is expressly incorporated into the Contract Documents via the Owner-Contractor Agreement, or when designated as a Contract Document in the list of Contract Documents in the Owner-Contractor Agreement, or is referenced anywhere else in the Contract Documents as one of the Contract Documents.

1. Regardless of any terms to the contrary in Division 100 or elsewhere, any directions or orders of the Engineer that will result in an adjustment of the Contract Price or the Contract Time shall require the prior written approval of the Owner. It is expressly understood and agreed that the Engineer does not have authority to authorize changes or modifications in the Contract Price or Contract Time.
2. The Contractor's obligations under this ODOT Supplement are in addition to and not in limitation of its other obligations under the Contract Documents.
3. **Delays.** Regardless of the terms in this ODOT Supplement, including Item 109.05, all time adjustments shall be subject to a) filing a Change Proposal and / or Claim in accordance with Articles 11 and 12 of the Modified Standard General Conditions of the Contract for Construction (EJCDC C-700, 2013 edition) ("Modified Standard General Conditions"), b) substantiating the Contractor's entitlement to a time adjustment in accordance with the Modified Standard General Conditions and c) Item 109.05. The Contractor will be entitled to additional compensation for delays but only for those delays described in the Modified Standard General Conditions. As part of the Claims process and as a condition precedent to receiving any additional compensation, the Contractor shall prepare a cost analysis as allowed by Item 109.05.D substantiating its entitlement to additional compensation.
4. **Division 100, General Provisions.** The following Division 100 General Provisions of the State of Ohio Department of Transportation, Construction Specifications Manual in the current version as of July 14, 2022, are incorporated in this ODOT Supplement, subject to any changes or limitations herein.
  - a. Item 101.01, General.
  - b. Item 101.02, Abbreviations, provided that references to DCE, DDD, DET shall mean the Owner.
  - c. Item 101.03, Definitions, provided where terms that are defined in the other Contract Documents, the definition in the other Contract Documents shall control, and further provided that the following definitions are deleted, modified and/or added:
    - i. Claims is deleted
    - ii. Contract Bond is deleted.
    - iii. Contract Documents is deleted.
    - iv. Contract Price is deleted.
    - v. Contract Time is deleted.

- vi. Contractor is deleted.
- vii. Department shall mean the Owner.
- viii. Director shall mean the Owner's representative.
- ix. Disputes is deleted.
- x. Engineer is deleted.
- xi. Extra Work Contract is deleted.
- xii. Final Acceptance shall mean Final Completion as defined in the Owner Contractor Agreement.
- xiii. Final Inspector shall mean the Owner.
- xiv. Laboratory is deleted.
- xv. Prebid Question is deleted.
- xvi. Proposal Guaranty is deleted.
- xvii. Questionnaire is deleted.
- xviii. Shop Drawings is deleted.
- xix. Signatures on Contract Documents is deleted.
- xx. State or state shall mean the Owner.
- xxi. Subcontractor is deleted.
- xxii. Work is deleted.
- d. Item 101.04, Interpretations.
- e. Item 103.03, Cancellation of Award.
- f. Item 104.02.D.2, Significant Changes in the Character of the Work (including both tables following this Item), provided that all references to Item 108 and 109.12 are deleted and that all time adjustments shall be subject to filing a Change Proposal and / or Claim in accordance with the Modified Standard General Conditions and substantiating the entitlement to an extension of time as provided in the Modified Standard General Conditions (EJCDC Document C-700, 2013 edition) ("Modified Standard General Conditions").
- g. Item 104.03, Rights in and Use of Materials Found on the Work.
- h. Item 104.04, Cleaning Up.
- i. Item 105.02, Plans and Working Drawings, provided that the review of submittals may be by the Owner or the Engineer in the Owner's discretion.
- j. Item 105.06, Superintendent.
- k. Item 105.10, Inspection of Work.
- l. Item 105.11, Removal of Defective and Unauthorized Work.
- m. Item 105.12, Load Restrictions.

- n. Item 105.13, Haul Roads, provided that the second paragraph in this Item is deleted. The Contractor shall be responsible for any damage to the roads referred to in the second paragraph.
- o. Item 105.14, Maintenance During Construction, except substitute "Final Completion" for "Final Inspector accepts the work under 109.12" and delete the remainder of the first sentence. Additionally, delete the second to last sentence in this Item.
- p. Item 105.15, Failure to Maintain Roadway or Structure.
- q. Item 105.16, Borrow and Waste Areas.
- r. Item 105.17, Construction and Demolition Debris.
- s. Item 106.01, Source of Supply and Quality Requirements.
- t. Item 106.02, Samples, Tests and Cited Specifications, provided that this Item will be optional at the discretion of the Owner. If the Owner elects to proceed under this Item, a) the Contractor without additional cost will provide material samples as required by the Owner, and b) the Owner may conduct such tests as it determines proper.
- u. Item 106.03, Small Quantities and Materials for Temporary Application.
- v. Item 106.04, Plant Sampling and Testing Plan.
- w. Item 106.05, Storage of Materials.
- x. Item 106.06, Handling Materials.
- y. Item 106.07, Unacceptable Materials, except substitute the word "unacceptance" in the third sentence with the word "unacceptable."
- z. Item 106.08, Department-Furnished Material.
- aa. Item 106.09, Steel and Iron Products Made in the United States.
- bb. Item 107.01, Laws to be Observed.
- cc. Item 107.02, Permits, Licenses, and Taxes.
- dd. Item 107.03, Patented Devices, Materials, and Processes.
- ee. Item 107.05, Federal-Aid Provisions.
- ff. Item 107.06, Sanitary Provisions.
- gg. Item 107.07, Public Convenience and Safety.
- hh. Item 107.08, Bridges Over Navigable Waters.
- ii. Item 107.09, Use of Explosives, provided that both bringing explosives onto the site and any use of explosives shall require the prior written approval of the Owner.
- jj. Item 107.10, Protection and Restoration of Property, provided that the Contractor shall remain responsible for all damage and injury to property until the Project is Finally Complete, and all references to Items 109.11 and 109.12 are deleted.
- kk. Item 107.11, Contractor's Use of the Project Right-of-Way or Other Department-Owned Property, provided the reference to Item 109.12 is deleted.

- ll. Item 107.12, Responsibility for Damage Claims and Liability Insurance, provided that all notices and certificates shall be delivered to the Owner's representative and, if there is no Owner's representative, to the Engineer. Reference to the "State of Ohio, Department of Transportation" shall mean the Owner.
- mm. Item 107.13, Reporting, Investigating, and Resolving Motorist Damage Claims, provided that this item is modified to read, "When a motorist reports damage to its vehicle either verbally or in writing to the Contractor, the Contractor shall within 3 days make and file a written report to the Owner and the Engineer and also file a report with its insurance carrier".
- nn. Item 107.14 Opening Sections of Project to Traffic, provided that the reference to Item 108.06 is deleted.
- oo. Item 107.15, Contractor's Responsibility for Work, provided that reference to "Final Inspection according to 109.12.A" shall mean "Final Completion." and all references to Item 108 are deleted.
- pp. Item 107.17, Furnishing Right-of-Way.
- qq. Item 107.19, Environmental Protection, provided that the Owner makes no representation as to having acquired any permits unless expressly provided in the Contract Documents. The Contractor will comply with any permits obtained by the Owner.
- rr. Item 107.20, Civil Rights.
- ss. Item 107.21, Prompt Payment.
- tt. Item 108.01, Subletting of the Contract, provided that the Contractor need not provide the Owner with information or reports on DBE participation unless the Contract Documents otherwise require such reports or information. Additionally, unless otherwise provided in the Contract Documents, the 50% self contracting requirement in the first sentence is waived.
- uu. Item 108.04, Limitation of Operations.
- vv. Item 108.05, Character of Workers, Methods, and Equipment.
- ww. Item 108.10, Payroll Records.
- xx. Item 109.01, Measurement of Quantities, provided that this item will apply only where payment is to be based on the measurement of quantities.
- yy. Item 109.02, Measurement Units.
- zz. Item 109.03, Scope of Payment.
- aaa. (Reserved.)
- bbb. Item 109.05, Extra Work as modified in this Supplement, provided that a) the references to Items 105.07, 105.10 and 108 are deleted, b) all negotiated prices shall required the Owner's written approval, c) the Owner must approve in writing any directions or orders by the Engineer to proceed with force account work, d) in Item 109.05.B.2 the reference to Department shall mean the Ohio Department of Transportation, e) the compensation provided in 109.05.B through 109.05.D constitutes payment in full for all the items referred to in Items 109.05.C.1-10, except for any additional compensation

for delays, f) the mark-ups provided in Items 109.05.D.2.b and 109.05.D.2.d are deleted, and g) Item 109.05.D.2.f regarding home office overhead is deleted. The Contractor's entitlement to home office overhead, if any, shall be subject to current Ohio law.

ccc. 109.06, Directed Acceleration.

ddd. (Reserved.)

eee. 109.08, Unrecoverable Costs.

5. **Divisions 200 through 700.** Divisions 200 through 700 of the State of Ohio Department of Transportation, Construction Specifications Manual in the current version as of July 14, 2022 are incorporated in this ODOT Supplement.
- a. All references to Division 100 Items in Divisions 200 through 700 shall be to the Division 100 Items as modified in this Supplement.
  - b. Where Division 100 Items are referred to in Divisions 200 through 700 but are not included in this Supplement, the deleted references will be governed by this Paragraph 5.
  - c. In Item 203.04, the reference to Item 108.06 shall be governed by Paragraph 3, Delays, in this Supplement.
  - d. In Item 514.24, the reference to Item 109.10 shall be governed by the payment provisions in the Modified Standard General Conditions.
  - e. In Item 624.04, the reference to item 109.09 shall be governed by the payment provisions in the Modified Standard General Conditions, i.e., the Owner will process and make payments in accordance with the provisions in the Modified Standard General Conditions. In this regard, the basis for payment of mobilization costs will be as provided in Item 624.04.
  - f. General to Divisions 200 through 700. The basis for payment provided in the Basis for Payment items in these Divisions shall be the basis for payment to the Contractor when applicable.

**END OF ODOT SUPPLEMENT**



# **APPENDIX B**

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**PREVAILING WAGE**

**AND**

**FEDERAL FUNDING**

# Prevailing Wage Contract

Yes\* (X)

No ( )

If yes:

State (X)

Federal\*\* ( )

\*If yes, current applicable Prevailing Wage Rates can be found on an enclosed CD-ROM disk or thumbdrive. Please request a hard copy from the City if needed.

\*\*If Federal, Contract Documents with contract terms relating to the federal funding are attached. (Please request documents from the City if none are attached.)

## STATE OF OHIO REQUEST FOR PREVAILING WAGE RATES

**Important:** If you wish to retain a copy of this form for your records, please print it prior to clicking on the "Submit" button. When you click the "Submit" button, a prompt should appear which will allow you to obtain the necessary wage rates by clicking on the "view wage rates" button. Submitting this form notifies the Bureau of Labor and Worker Safety of your project. Wage rates will not be sent to you by mail as a result of the submission, rather you should obtain them by clicking on the "view wage rates" button.

### Public Authority Information

<b>Owner/Public Authority Name:</b>	City of Gahanna	<b>Date: 07/13/2022</b> This form must be filled out completely & correctly for us to process your request. Forms not completed correctly will be returned to the sender.
<b>Department Division or Agency:</b>	Engineering	
<b>Street Address:</b>	200 S. Hamilton Road	
<b>Address 2:</b>		ODOC Date Stamp
<b>City, OH</b>	Gahanna, OH	
<b>ZIP:</b>	43230	
<b>Email:</b>	jill.webb@gahanna.gov It is required that you list your e-mail address here.	
<b>County of Public Authority:</b>	FRANKLIN ▼	
<b>P.A. Phone:</b>	614-342-4050	

### Project Information

<b>Project Name:</b>	Cherry Bottom Road Stabilization ST-1079	ODOC Date Stamp (Bld Tab)
<b>Site Address:</b>	Cherry Bottom Road	
<b>City, OH</b>	Gahanna, OH	
<b>ZIP:</b>	43230	
<b>County of Project:</b>	FRANKLIN ▼	
<b>Prevailing Wage Coordinator Name</b>	Jill Webb	
<b>Address:</b>	200 S. Hamilton Road	
<b>City,</b>	Gahanna, OH	
<b>ZIP:</b>	43230	
<b>Phone:</b>	614-342-4050	
<b>Issuing Authority of Bonds:</b>		
<b>Estimated Total Overall Project Cost:</b>	562,820.00	
<b>Type of Financing:</b>	local funds	
<b>Type of Construction:</b>	<input type="radio"/> New Construction <input checked="" type="radio"/> Old Construction	
<b>This Project is</b>	<input type="radio"/> Residential <input checked="" type="radio"/> Commercial	

<b>Expected Date of Contract Award:</b>	<input type="text" value="09/07/22"/> <b>example 05/31/98</b>
<b>Projected Completion Date:</b>	<input type="text" value="11/25/22"/> <b>example 05/31/98</b>
<b>Project Comments:</b>	<input type="text"/> (optional)

**Important:** If you wish to retain a copy of this form for your records, please print it prior to clicking on the "Submit" button. When you click the "Submit" button, a prompt should appear which will allow you to obtain the necessary wage rates by clicking on the "view wage rates" button. Submitting this form notifies the Bureau of Labor and Worker Safety of your project. Wage rates will not be sent to you by mail as a result of the submission, rather you should obtain them by clicking on the "view wage rates" button.

Please contact our [Webmaster](#) with questions or comments.

LAW 1002



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- ▶ search

# Ohio Department of Commerce

## Bureau of Wage & Hour Administration

Consumers

Business

License/Permit Holders & Applicants

Other Government Agencies

[Back to wage rate search](#) [Back to Home](#)

**Classification = All, County = FRANKLIN, Union = All**

County	Classification	Effective	Posted	Union
<a href="#">FRANKLIN</a>	<a href="#">Asbestos Worker</a>	<a href="#">8/23/2018</a>	<a href="#">8/23/2018</a>	<a href="#">Asbestos Local 207 OH</a>
<a href="#">FRANKLIN</a>	<a href="#">Asbestos Worker</a>	<a href="#">7/1/2022</a>	<a href="#">7/1/2022</a>	<a href="#">Asbestos Local 50 Zone 1</a>
<a href="#">FRANKLIN</a>	<a href="#">Boilermaker</a>	<a href="#">10/1/2013</a>	<a href="#">9/25/2013</a>	<a href="#">Boilermaker Local 105</a>
<a href="#">FRANKLIN</a>	<a href="#">Bricklayer</a>	<a href="#">6/1/2022</a>	<a href="#">6/1/2022</a>	<a href="#">Bricklayer Local 55</a>
<a href="#">FRANKLIN</a>	<a href="#">Bricklayer</a>	<a href="#">6/1/2022</a>	<a href="#">6/1/2022</a>	<a href="#">Bricklayer Local 55 Tile Setter</a>
<a href="#">FRANKLIN</a>	<a href="#">Bricklayer</a>	<a href="#">6/1/2022</a>	<a href="#">6/1/2022</a>	<a href="#">Bricklayer Local 55 Tile &amp; Marble Finisher</a>
<a href="#">FRANKLIN</a>	<a href="#">Carpenter</a>	<a href="#">5/11/2022</a>	<a href="#">5/11/2022</a>	<a href="#">Carpenter Millwright Local 1090 Columbus</a>
<a href="#">FRANKLIN</a>	<a href="#">Carpenter</a>	<a href="#">3/5/2014</a>	<a href="#">3/5/2014</a>	<a href="#">Carpenter NE District Industrial Dock &amp; Door</a>
<a href="#">FRANKLIN</a>	<a href="#">Carpenter</a>	<a href="#">5/11/2022</a>	<a href="#">5/11/2022</a>	<a href="#">Carpenter &amp; Pile Driver Local 200</a>
<a href="#">FRANKLIN</a>	<a href="#">Carpenter</a>	<a href="#">5/11/2022</a>	<a href="#">5/11/2022</a>	<a href="#">Carpenter &amp; Piledriver SC District HevHwy</a>
<a href="#">FRANKLIN</a>	<a href="#">Bricklayer</a>	<a href="#">6/8/2022</a>	<a href="#">6/8/2022</a>	<a href="#">Cement Mason Bricklayer Local 97 HevHwy A</a>
<a href="#">FRANKLIN</a>	<a href="#">Bricklayer</a>	<a href="#">6/8/2022</a>	<a href="#">6/8/2022</a>	<a href="#">Cement Mason Bricklayer Local 97 HevHwy B</a>
<a href="#">FRANKLIN</a>	<a href="#">Cement</a>	<a href="#">6/1/2022</a>	<a href="#">6/1/2022</a>	<a href="#">Cement Mason Local 132 (Columbus)</a>
<a href="#">FRANKLIN</a>	<a href="#">Cement Mason</a>	<a href="#">5/5/2022</a>	<a href="#">5/5/2022</a>	<a href="#">Cement Mason Statewide HevHwy</a>
<a href="#">FRANKLIN</a>	<a href="#">Electrical</a>	<a href="#">6/1/2022</a>	<a href="#">6/1/2022</a>	<a href="#">Electrical Local 683 Inside</a>
<a href="#">FRANKLIN</a>	<a href="#">Electrical</a>	<a href="#">6/1/2022</a>	<a href="#">6/1/2022</a>	<a href="#">Electrical Local 683 Inside Lt Commercial South West</a>
<a href="#">FRANKLIN</a>	<a href="#">Voice Data Video</a>	<a href="#">6/29/2022</a>	<a href="#">6/29/2022</a>	<a href="#">Electrical Local 683 Voice Data Video</a>
<a href="#">FRANKLIN</a>	<a href="#">Lineman</a>	<a href="#">3/16/2021</a>	<a href="#">3/16/2021</a>	<a href="#">Electrical Local 71 High Tension Pipe Type Cable</a>
<a href="#">FRANKLIN</a>	<a href="#">Lineman</a>	<a href="#">3/16/2021</a>	<a href="#">3/16/2021</a>	<a href="#">Electrical Local 71 Outside Utility Power</a>
<a href="#">FRANKLIN</a>	<a href="#">Lineman</a>	<a href="#">3/16/2021</a>	<a href="#">3/16/2021</a>	<a href="#">Electrical Local 71 Outside (Central OH Chapter)</a>
<a href="#">FRANKLIN</a>	<a href="#">Voice Data Video</a>	<a href="#">10/18/2017</a>	<a href="#">10/18/2017</a>	<a href="#">Electrical Local 71 Voice Data Video Outside</a>
<a href="#">FRANKLIN</a>	<a href="#">Elevator</a>	<a href="#">1/26/2022</a>	<a href="#">1/26/2022</a>	<a href="#">Elevator Local 37</a>
<a href="#">FRANKLIN</a>	<a href="#">Glazier</a>	<a href="#">11/1/2020</a>	<a href="#">10/28/2020</a>	<a href="#">Glazier Local 372</a>
<a href="#">FRANKLIN</a>	<a href="#">Ironworker</a>	<a href="#">6/1/2022</a>	<a href="#">6/1/2022</a>	<a href="#">Ironworker Local 172</a>
<a href="#">FRANKLIN</a>	<a href="#">Laborer Group 1</a>	<a href="#">6/1/2022</a>	<a href="#">6/1/2022</a>	<a href="#">Labor HevHwy 3</a>
<a href="#">FRANKLIN</a>	<a href="#">Laborer</a>	<a href="#">7/28/2021</a>	<a href="#">7/28/2021</a>	<a href="#">Labor Local 423</a>
<a href="#">FRANKLIN</a>	<a href="#">Laborer</a>	<a href="#">6/29/2022</a>	<a href="#">6/29/2022</a>	<a href="#">Labor Local 423</a>
<a href="#">FRANKLIN</a>	<a href="#">Operating Engineer</a>	<a href="#">5/25/2022</a>	<a href="#">5/25/2022</a>	<a href="#">Operating Engineers - Building Local 18 - Zone III</a>
<a href="#">FRANKLIN</a>	<a href="#">Operating Engineer</a>	<a href="#">5/25/2022</a>	<a href="#">5/25/2022</a>	<a href="#">Operating Engineers - HevHwy Zone II</a>
<a href="#">FRANKLIN</a>	<a href="#">Drywall Finisher</a>	<a href="#">6/1/2022</a>	<a href="#">6/1/2022</a>	<a href="#">Painter Local 1275</a>
<a href="#">FRANKLIN</a>	<a href="#">Painter</a>	<a href="#">6/1/2022</a>	<a href="#">6/1/2022</a>	<a href="#">Painter Local 1275</a>
<a href="#">FRANKLIN</a>	<a href="#">Painter</a>	<a href="#">6/1/2022</a>	<a href="#">6/1/2022</a>	<a href="#">Painter Local 1275 HevHwy</a>
<a href="#">FRANKLIN</a>	<a href="#">Painter</a>	<a href="#">6/1/2022</a>	<a href="#">6/1/2022</a>	<a href="#">Painter Local 1275 Industrial</a>
<a href="#">FRANKLIN</a>	<a href="#">Painter</a>	<a href="#">6/10/2015</a>	<a href="#">6/10/2015</a>	<a href="#">Painter Local 639</a>
<a href="#">FRANKLIN</a>	<a href="#">Painter</a>	<a href="#">8/3/2016</a>	<a href="#">8/3/2016</a>	<a href="#">Painter Local 639 Zone 2 Sign</a>
<a href="#">FRANKLIN</a>	<a href="#">Plasterer</a>	<a href="#">6/1/2022</a>	<a href="#">6/1/2022</a>	<a href="#">Plasterer Local 132 (Columbus)</a>
<a href="#">FRANKLIN</a>	<a href="#">Plumber Pipefitter</a>	<a href="#">12/11/2019</a>	<a href="#">12/11/2019</a>	<a href="#">Plumber Pipefitter Local 189</a>
<a href="#">FRANKLIN</a>	<a href="#">Roofer</a>	<a href="#">11/24/2021</a>	<a href="#">11/24/2021</a>	<a href="#">Roofer Local 86</a>
<a href="#">FRANKLIN</a>	<a href="#">Sheet Metal Worker</a>	<a href="#">7/14/2021</a>	<a href="#">7/14/2021</a>	<a href="#">Sheet Metal Local 24 Columbus</a>
<a href="#">FRANKLIN</a>	<a href="#">Sprinkler Fitter</a>	<a href="#">4/6/2022</a>	<a href="#">4/6/2022</a>	<a href="#">Sprinkler Fitter Local 669</a>
<a href="#">FRANKLIN</a>	<a href="#">Truck Driver</a>	<a href="#">5/21/2021</a>	<a href="#">5/21/2021</a>	<a href="#">Truck Driver Bldg &amp; HevHwy Class 1 Locals 20,40,92,92b,100,175,284,438,377,637,908,957</a>
<a href="#">FRANKLIN</a>	<a href="#">Truck Driver</a>	<a href="#">6/8/2022</a>	<a href="#">6/8/2022</a>	<a href="#">Truck Driver Bldg &amp; HevHwy Class 2 Locals 20,40,92,92b,100,175,284,438,377,637,908,957</a>

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## Prevailing Wage Determination Cover Letter

County:  ▼  
 Determination Date: 07/13/2022  
 Expiration Date: 10/13/2022

THE FOLLOWING PAGES ARE PREVAILING RATES OF WAGES ON PUBLIC IMPROVEMENTS FAIRLY ESTIMATED TO BE MORE THAN THE AMOUNT IN O.R.C. SEC. 4115.03 (b) (1) or (2), AS APPLICABLE.

Section 4115.05 provides, in part: “Where contracts are not awarded or construction undertaken within ninety days from the date of the establishment of the prevailing wages, there shall be a redetermination of the prevailing rate of wages before the contract is awarded.” The expiration date of this wage schedule is listed above for your convenience only. This wage determination is not intended as a blanket determination to be used for all projects during this period without prior approval of this Department.

Section 4115.04, Ohio Revised Code provides, in part: “Such schedule of wages shall be attached to and made a part of the specifications for the work, and shall be printed on the bidding blanks where the work is done by contract...”

The contract between the letting authority and the successful bidder shall contain a statement requiring that mechanics and laborers be paid a prevailing rate of wage as required in Section 4115.06, Ohio Revised Code.

The contractor or subcontractor is required to file with the contracting public authority upon completion of the project and prior to final payment therefore an affidavit stating that he has fully complied with Chapter 4115 of the Ohio Revised Code.

The wage rates contained in this schedule are the “Prevailing Wages” as defined by Section 4115.03, Ohio Revised Code (the basic hourly rates plus certain fringe benefits). These rates and fringes shall be a minimum to be paid under a contract regulated by Chapter 4115 of the Ohio Revised Code by contractors and subcontractors. The prevailing wage rates contained in this schedule include the effective dates and wage rates currently on file. In cases where future effective dates are not included in this schedule, modifications to the wage schedule will be furnished to the Prevailing Wage Coordinator appointed by the public authority as soon as prevailing wage rates increases are received by this office.

“There shall be posted in a prominent and accessible place on the site of work a legible statement of the Schedule of Wage Rates specified in the contract to the various classifications of laborers, workmen, and mechanics employed, said statement to remain posted during the life of such contract.” Section 4115.07, Ohio Revised Code.

Apprentices will be permitted to work only under a bona fide apprenticeship program if such program exists and if such program is registered with the Ohio Apprenticeship Council.

Section 4115.071 provides that no later than ten days before the first payment of wages is due to any employee of any contractor or subcontractor working on a contract regulated by Chapter 4115, Ohio Revised Code, the contracting public authority shall appoint one of his own employees to act as the prevailing wage coordinator for said contract. The duties of the prevailing wage coordinator are outlined in Section 4115.071 of the Ohio Revised Code.

Section 4115.05 provides for an escalator in the prevailing wage rate. Each time a new rate is established, that rate is required to be paid on all ongoing public improvement projects.

A further requirement of Section 4115.05 of the Ohio Revised Code is: “On the occasion of the first pay date under a contract, the contractor shall furnish each employee not covered by a collective bargaining agreement or understanding between employers and bona fide organizations of Labor with individual written notification of the job classification to which the employee is assigned, the prevailing wage determined to be applicable to that classification, separated into the hourly rate of pay and the fringe payments, and the identity of the prevailing wage Coordinator appointed by the public authority. The contractor or subcontractor shall furnish the same notification to each affected employee every time the job classification of the employee is changed.”

Work performed in connection with the installation of modular furniture may be subject to prevailing wage.

**THIS PACKET IS NOT TO BE SEPARATED BUT IS TO REMAIN COMPLETE AS IT IS SUBMITTED TO YOU. (Reference guidelines and forms are included in this packet to be helpful in the compliance of the Prevailing Wage law.)**  
 wh1500

# PREVAILING WAGE THRESHOLD LEVELS

## IMPORTANT NOTICE

Before advertising for bids, contracting, or undertaking construction with its own forces, to construct a public improvement, the Public Authority shall have the Ohio Department of Commerce-Division of Industrial Compliance, Bureau of Wage and Hour Administration determine the prevailing rates of wages for workers employed on the public improvement. The wage determination must be included in the project specifications and printed on the bidding blanks where work is done by contract.

<b>“New” construction threshold for <i>Building Construction</i>:</b>	<b>\$250,000</b>
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<b>“Reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting” threshold level for <i>Building Construction</i>:</b>	<b>\$75,000</b>
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<b>As of January 1, 2022:</b>
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<b>“New” construction that involves <i>roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction</i> threshold level has been adjusted to:</b>	<b>\$96,091</b>
---	-----------------

<b>“Reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting” that involves <i>roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction</i> threshold level has been adjusted to:</b>	<b>\$28,789</b>
---	-----------------

- A) Thresholds are to be adjusted biennially by the Director of the Ohio Department of Commerce.
- B) Biennial adjustments to threshold levels are made according to the Building Cost for Skilled Labor Index published by McGraw-Hill’s Engineering News-Record, but may not increase or decrease more than 3% for any year.

If there are questions concerning this notification, please contact:

Ohio Department of Commerce  
Division of Industrial Compliance  
Bureau of Wage and Hour Administration  
6606 Tussing Road, PO Box 4009  
Reynoldsburg, Ohio 43068-9009  
Phone: 614-644-2239  
Fax: 614-728-8639  
[www.com.ohio.gov](http://www.com.ohio.gov)



## PREVAILING WAGE CONTRACTOR RESPONSIBILITIES

**This is a summary of prevailing wage contractors' responsibilities. For more detailed information please refer to Chapter 4115 of the Ohio Revised Code**

### General Information

Ohio's prevailing wage laws apply to all public improvements financed in whole or in part by public funds when the total overall project cost is fairly estimated to be more than \$250,000 for new construction or \$75,000 for reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting.

Ohio's prevailing wage laws apply to all public improvements financed in whole or in part by public funds when the total overall project cost is fairly estimated to be more than \$91,150 for new construction that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction or \$27,309 for reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting of a public improvement that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction.

- a) Thresholds are to be adjusted biennially by the Administrator of Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration
- b) Biennial adjustments to threshold levels are made according to the Price Deflator for Construction Index, United States Department of Commerce, Bureau of the Census\*, but may not increase or decrease more than 3% for any year

### Penalties for violation

Violators are to be assessed the wages owed, plus a penalty of 100% of the wages owed.

### Intentional Violations

If an intentional violation is determined to have occurred, the contractor is prohibited from contracting directly or indirectly with any public authority for the construction of a public improvement. Intentional violation means "a willful, knowing, or deliberate disregard for any provision" of the prevailing wage law and includes but is not limited to the following actions:

- Intentional failure to submit payroll reports as required, or knowingly submitting false or erroneous reports.
- Intentional misclassification of employees for the purpose of reducing wages.
- Intentional misclassification of employees as independent contractors or as apprentices.
- Intentional failure to pay the prevailing wage.
- Intentional failure to comply with the allowable ratio of apprentices to skilled workers as required by the regulations established by Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration.
- Intentionally employing an officer, of a contractor or subcontractor, that is known to be prohibited from contracting, directly or indirectly, with a public authority.





## Responsibilities

- A. Pay the prevailing rate of wages as shown in the wage rate schedules issued by the Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration, for the classification of work being performed.
  1. Wage rate schedules include all modifications, corrections, escalations, or reductions to wage rates issued for the project.
  2. Overtime must be paid at time and one-half the employee's base hourly rate. Fringe benefits are paid at straight time rate for all hours including overtime.
  3. Prevailing wages must be paid in full without any deduction for food, lodging, transportation, use of tools, etc.; unless, the employee has voluntarily consented to these deductions in writing. The public authority and the Director of Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration - must approve these deductions as fair and reasonable. Consent and approval must be obtained before starting the project.
  
- B. Use of Apprentices and Helpers cannot exceed the ratios permitted in the wage rate schedules.
  1. Apprentices must be registered with the U.S. Department of Labor Bureau of Apprenticeship and Training.
  2. Contractors must provide the Prevailing Wage Coordinator a copy of the Apprenticeship Agreement for each apprentice on the project.
  
- C. Keep full and accurate payroll records available for inspection by any authorized representative of the Ohio Department of Commerce, Division of Industrial Compliance, and Labor, Bureau of Wage and Hour Administration or the contracting public authority, including the Prevailing Wage Coordinator. Records should include but are not limited to:
  1. Time cards, time sheets, daily work records, etc.
  2. Payroll ledger\journals and canceled checks\check register.
  3. Fringe benefit records must include program, address, account number, & canceled checks.
  4. Records made in connection with the public improvement must not be removed from the State for one year following the completion of the project.
  5. Out-of-State Corporations must submit to the Ohio Secretary of State the full name and address of their Statutory Agent in Ohio.
  
- D. Prevailing Wage Rate Schedule must be posted on the job site where it is accessible to all employees.
  
- E. Prior to submitting the initial payroll report, supply the Prevailing Wage Coordinator with your project dates to schedule reporting of your payrolls.
  
- F. Supply the Prevailing Wage Coordinator a list of all subcontractors including the name, address, and telephone number for each.
  1. **Contractors are responsible for their subcontractors' compliance with requirements of Chapter 4115 of the Ohio Revised Code.**



- G. Before employees start work on the project, supply them with written notification of their job classification, prevailing wage rate, fringe benefit amounts, and the name of the Prevailing Wage Coordinator for the project. A copy of the completed signed notification should be submitted to Prevailing Wage Coordinator.
- H. Supply all subcontractors with the Prevailing Wage Rates and changes.
- I. Submit certified payrolls within two (2) weeks after the initial pay period. Payrolls must include the following information:
  - 1. Employees' names, addresses, and social security numbers.
    - a. Corporate officers/owners/partners and any salaried personnel who do physical work on the project are considered employees. All rate and reporting requirements are applicable to these individuals.
  - 2. Employees' work classification.
    - a. Be specific about the laborers and/or operators (Group)
    - b. For all apprentices, show level/year and percent of journeyman's rate
  - 3. Hours worked on the project for each employee.
    - a. The number of hours worked in each day and the total number of hours worked each week.
  - 4. Hourly rate for each employee.
    - a. The minimum rate paid must be the wage rate for the appropriate classification. The Department's Wage Rate Schedule sets this rate.
    - b. All overtime worked is to be paid at time and one-half for all hours worked more than forty (40) per week.
  - 5. Where fringes are paid into a bona fide plan instead of cash, list each benefit and amount per hour paid to program for each employee.
    - a. When the amount contributed to the fringe benefit plan and the total number of hours worked by the employee on all projects for the year are documented, the hourly amount is calculated by dividing the total contribution of the employer by the total number of hours worked by the employee.
    - b. When the amount contributed to the fringe benefit is documented but not the total hours worked, the hourly amount is calculated by **dividing the total yearly contribution by 2080**.
  - 6. Gross amount earned on all projects during the pay period.
  - 7. Total deductions from employee's wages.
  - 8. Net amount paid.
- J. The reports shall be certified by the contractor, subcontractor, or duly appointed agent stating that the payroll is correct and complete; and that the wage rates shown are not less than those required by the O.R.C. 4115.
- K. Provide a Final Affidavit to the Prevailing Wage Coordinator upon the completion of the project.

**Many of our staff are teleworking to stop community spread of the coronavirus (COVID-19). Our office will also not be accepting walk-in customers. The Division is still operational, and customers will still be able to drop off plans, applications and other documents, but we ask that you first work through our web portal, where you can also submit payments. There are no convenience fees for online payment. Please call us at 614-644-2223 or email us at [IC@com.state.oh.us](mailto:IC@com.state.oh.us) with any questions. Thanks for your patience.**

## INSTRUCTIONS FOR PREPARING CERTIFIED PAYROLL REPORTS

### General

Contractors and subcontractors are required by law to submit certified payroll reports for work on projects covered by Ohio's Prevailing Wage Law. This form meets the reporting requirements established by Ohio Revised Code Chapter 4115. The use of this form is not mandatory, employers may submit their own forms provided that all of the required information is included. This form may be reproduced, or additional copies obtained from:

Ohio Department of Commerce Division of Industrial Compliance and Labor Bureau of Wage & Hour Administration 6606 Tussing Rd. P. O. Box 4009 Reynoldsburg, OH 43068-9009 Phone: (614) 644-2239

### Certified Payroll Heading

Employer name and address: Company's full name and address. Indicate if the company is a subcontractor, if so list the name of the General or Prime. Project: Name and location of the project, including county. Contracting Public Authority: Name and address of the contracting public authority. Week Ending: Month, day, and year for last day of reporting period. Payroll #: Indicates first, second, third, etc. payroll filed by the company for the project. Page indicator: number of pages included in the report. Project Number: Determined by the public authority. If there is no number leave blank.

### Information by Column

- 1. Employee Name, Address and Social Security number: This information must be provided for all employees that perform physical labor on the project. Corporate officers, partners, and salaried employees are considered employees and must be paid the prevailing rate. Individual sole proprietors do not have to pay themselves prevailing rate but must report their hours on the project.
- 2. Work Class: List classification of work actually performed by employee. If unsure of work classification, consult the Ohio department of Commerce, Wage and Hour Bureau. Employees working more than one classification should have separate line entries for each classification. Indicate what year/level for Apprentices. Be specific when using laborer and operator classifications; for example, Backhoe Operator or Asphalt Laborer.
- 3. Hours Worked, Day & Date: In the first row of column 3 enter days of pay period example; M T W T H F S S. The second row is for the date that corresponds with each day for the pay period. In the employee information section enter the number of hours worked on the prevailing wage project and which day the hours were worked. Separate rows are labeled for (ST) straight time hours and (OT) overtime hours. All hours worked after 40, must be paid at the appropriate overtime rate.
- 4. Project Total Hours : Total the hours entered for pay period.
- 5. Base Rate: Enter actual rate per hour paid to the employee. The overtime hourly rate is time and one-half the base rate listed in the prevailing wage schedule plus fringe benefits at straight time rate. The prevailing wage schedule lists the base rate plus fringe benefit amounts. These amounts added together equal the total prevailing wage rate. Employers must pay this total amount in one of three ways.
  - Total rate may be paid in entirety in the base rate to the employee; in which case, the cash designation will be checked for fringe benefits.
  - Total rate may be paid as listed in prevailing wage rate schedule with total fringe amounts paid approved plans.
  - Total rate may be paid with a combination of base rate and fringe payments to approved plans in amounts other than those listed in schedule.
- 6. Project Gross: Enter total gross wages earned on the project for straight time and overtime. Project hours X base rate should equal project gross.
- 7. Fringes: If fringe benefits are paid in the hourly base rate, indicate this by marking the cash space. If fringe benefits are paid to approved plans as listed in the prevailing wage rate schedule, mark the space Approved Plans. If fringe benefits are paid partially in the base rate and partially to approved plans, mark the space Cash & Approved plans. List the hourly amount paid to approved plans for each fringe. If payments are not made on a per hour basis, calculate the hourly fringe credit by dividing the yearly employer contribution by the lesser of: hours actually worked in the year (these must be documented) or 2080. Fringe benefits include: Employer's share of health insurance, life insurance, retirement plan, bonus/profit sharing, sick pay, holiday pay, personal leave, vacation, and education/training programs.
- 8. Total Hours All Jobs: Total all hours worked during the pay period including non-prevailing wage jobs.
- 9. Total Gross All Jobs: Gross amount earned in the pay period for all hours worked.
- 10. Self explanatory.
- 11. Self explanatory.
- 12. Self explanatory.

**CONTACT US**

Division of Industrial Compliance & Labor  
6606 Tussing Road  
Reynoldsburg, OH 43068

Phone 614.644.2223  
Fax 614.644.2618  
Email [IC@com.state.oh.us](mailto:IC@com.state.oh.us)

Webmaster  
Contact the Webmaster for Questions  
or Comments on the Website:  
[webmaster@com.state.oh.us](mailto:webmaster@com.state.oh.us)

**CONNECT WITH US**



**LOOKUP SERVICES**

Registered Contractor List  
Boiler Information Database  
Building Code Compliance Electronic Plan  
Submission  
Board Of Building Appeals Case Lookup  
Elevator Database Lookup

**RESOURCES**

Federal Wage and Hour  
U.S. Consumer Product Safety  
Commission  
National Electric, Fire Alarm and Sprinkler  
Codes  
Minor Labor Law Poster  
2017 Minimum Wage Poster  
2018 Minimum Wage Poster

**ABOUT INDUSTRIAL  
COMPLIANCE**

Director Sheryl Maxfield  
Superintendent Geoff Eaton



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# Certified Payroll Report

**Report for:**  Check if Subcontractor<sup>1)</sup> Contract No: \_\_\_\_\_ Payroll No: \_\_\_\_\_  
 Company:<sup>1)</sup> \_\_\_\_\_ If Sub, GC/Prime Contractor Name: \_\_\_\_\_  
 Address: \_\_\_\_\_ Project Name & Location: \_\_\_\_\_ Week Ending: \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_ Public Authority (Owner): \_\_\_\_\_  
 Phone No: \_\_\_\_\_ Sheet:<sup>2)</sup> \_\_\_\_\_ of \_\_\_\_\_

1. Employee Name, Address, & SS# (Last 4 digits if permitted)	2. Work Class <sup>3)</sup>	3. Prevailing Wage Project Hours Worked - Day & Date							4. Total Hours	5. Base Rate	6. Project Gross	7. Fringes: <input type="checkbox"/> Cash <input type="checkbox"/> Approved Plans <input type="checkbox"/> Cash & Approved Plans						Weekly Payroll Amount				
		Fringe Rate Your Company Pays Per Hour														8. Total Hrs for all Jobs	9. Total Gross on All Jobs	10. Total Deductions	11. Net Pay on All Jobs			
		H&W	Pens	Vac	Hol	Other	Total															
		OT																				
		ST																				
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1 ) By signing below, I certify that: (1) I pay, or supervise the payment of the employees shown above; (2) during the pay period reported on this form, all hours worked on this project have been paid at the appropriate prevailing wage rate for the class of work done; (3) the fringe benefits have been paid as indicated above; (4) no rebates or deductions have been or will be made, directly or indirectly from the total wages earned, other than permissible deductions as defined in ORC Chapter 4115; and (5) apprentices are registered with the U.S. Dept. of Labor, Bureau of Apprenticeship and Training. I understand that the willful falsification of any of the above statements may subject the Contractor or Subcontractor to civil or criminal prosecution.

Type or Print Name and Title \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_



Affidavit of Compliance

Prevailing Wages

I, \_\_\_\_\_ (Name of person signing affidavit) (Title)

do hereby certify that the wages paid to all employees of

\_\_\_\_\_ (Company Name)

for all hours worked on the

\_\_\_\_\_ (Project name and location)

project, during the period from \_\_\_\_\_ to \_\_\_\_\_ are in (Project Dates)

compliance with prevailing wage requirements of Chapter 4115 of the Ohio Revised Code. I further certify that no rebates or deductions have been or will be made, directly or indirectly, from any wages paid in connection with this project, other than those provided by law.

\_\_\_\_\_ (Signature of Officer or Agent)

Sworn to and subscribed in my presence this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ (Notary Public)

The above affidavit must be executed and sworn to by the officer or agent of the contractor or subcontractor who supervises the payment of employees. This affidavit must be submitted to the owner (public authority) before the surety is released or final payment due under the terms of the contract is made.



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## Ohio Department of Commerce Bureau of Wage & Hour Administration

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### Submitting Union Contract Information

The Ohio Department of Commerce, Bureau of Wage & Hour, will no longer take union contract information for the establishment of prevailing wage rates via the web. The majority of information from the unions submitted in this manner was not supported with an associated mailing of the actual union contract and an affidavit as required. The Bureau will continue to make every effort to post up to date wage rates as efficiently as possible. In order to do so, those submitting information to the Bureau on behalf of the unions must:

- 1) submit contract information in a timely manner via fax, regular US Mail, or other non-electronic method
- 2) contract information submitted must be the actual signed union contract

Please send the appropriate information to:

Bureau of Wage & Hour  
Attn: Kathy Peck  
6606 Tussing Road, P.O. Box 4009  
Reynoldsburg, Ohio 43068-9009

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# **APPENDIX C**

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## **DOCUMENTS TO BE SUBMITTED WITH BID**



## General Info

### Total:

\$349,195.00

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<b>Number</b>	<b>Description</b>
Cherry Bottom Road Stabilization ST-1079	The project consists of installing sheet pile retaining walls to secure unstable slopes that have damaged the roadway at two locations along Cherry Bottom Road.
<b>Deadline</b> 07/29/2022 11:00 AM EDT	<b>Allows zero unit prices and labor</b> Yes
<b>Vendor</b> The Righter Co., Inc.	<b>Allows negative unit prices and labor</b> No
<b>Submitted</b> 07/29/2022 09:44 AM EDT	
<b>Signed by</b> Michael Killilea II	
<b>Opened</b> 07/29/2022 11:02 AM EDT <b>By</b> jill.webb@gahanna.gov	

## VENDOR RESOURCES

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Vendor Resources Page  
Informational page containing instructional videos for vendors.

---

BidExpress Customer Support Team  
Customer support contact. Available Monday-Friday from  
7:00am-8:00pm eastern time.

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## ATTACHMENT LIST

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Notice to Bidders.pdf (59.8 KB)

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Information and Requirements for Bidders.pdf (176 KB)

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ODOT Manual Supplement\_App A.pdf (103 KB)

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Prevailing Wage Documents\_App B.pdf (2.84 MB)

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Cherry Bottom Road Stabilizaiton Plans\_App D.pdf (8.98 MB)

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Cherry Bottom Geotechnical Report\_App D.pdf (3.1 MB)

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Final Signed 401 WQC NWP 2017\_App D.pdf (2.68 MB)

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Owner-Contractor Agreement\_App E.pdf (939 KB)

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OPWC Proposal Notes\_App F.pdf (181 KB)  
Sign & Upload Under Contractor's Qualification Statement  
Additional Material Section

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Bid Guaranty and Contract Bond.pdf (10.8 KB)

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## PREVAILING WAGE RATES

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**Current Prevailing Wage Rates are to be included in the contract.** The current rates become part of the contract awarded to the lowest and best bidder. The links listed below provide access to forms, regulations, and general information on prevailing wage compliance. These are for information purposes only.

[Prevailing Wage Rates](#)

[Forms & Publications](#)

# CONTRACTOR'S QUALIFICATION STATEMENT

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The bidder is required to state the following in full detail as will enable the Director of Public Service and Engineering and Council of the City of Gahanna to judge its responsibility, experience, skill and financial standing to meet the obligations of the Contract.

**ORGANIZATION:**

**(a) Number of years your organization has been in business as a Contractor: \***

46

**(b) Number of years your organization has been in business under its present business name. List any other or former names your organization has operated under. \***

46

**(c) If your organization is a corporation, list the following: date of incorporation, state of incorporation, President's name, Vice President's name(s), Secretary's name and Treasurer's name. If not applicable, state "not applicable." \***

August 19, 1976  
Ohio  
President: Michael D. Killilea, II  
Secretary/Treasurer: Tracy L. Ferguson

**(d) If your organization is a partnership, list the following: date of organization, type of partnership (if applicable) and name(s) of general partner(s). If not applicable, state "not applicable." \***

Not Applicable

**(e) If your organization is individually owned, list the following: date of organization and name of owner. If not applicable, state "not applicable." \***

Not Applicable

**(f) If the form of your organization is other than those listed above, describe it and name the principals. If not applicable, state "not applicable." \***

Not Applicable

**LICENSING:**

**(a) List jurisdictions and trade categories in which your organization is legally qualified to do business, and indicate registration or license numbers, if applicable. \***

N/A

**(b) List jurisdictions in which your organization's partnership or trade name is filed. \***

N/A

**EXPERIENCE:**

**(a) List the categories of work that your organization normally performs with its own forces. \***

General construction, concrete, earthwork, utilities, piling and erosion control.

**(b) List all details of any work your organization has failed to complete. If none, state "none." \***

None

**(c) List any Claims that your organization or any of its officers have initiated, any Claims initiated against your**

**organization or any of its officers, any mediation or arbitration proceedings or lawsuits related to any contract your organization or any of its officers have been involved in or is currently involved in, or any judgements or awards outstanding against your organization or any of its officers within the last five (5) years. Please give details for each Claim, including the names and telephone numbers of the persons who are parties, the amount of the Claim, the type of Claim and basis for the Claim, and the outcome. If none, state "none." \***

None

Note: As used in this document "Claim" means a Claim initiated under the Contract Documents for a contract.

**(d) List any officer or principal of your organization that has ever been an officer or principal of another organization when it failed to complete a contract within the last five (5) years. Please give details for each instance, including the names and telephone numbers of the persons who are parties to the contract, and the reason(s) the contract was not completed. If none, state "none." \***

None

**(e) List contracts your organization has in progress with an original contract sum of more than \$100,000.00, giving the name of contract, owner and its telephone number, design professional and its telephone number if applicable, contract amount, percent complete and scheduled completion date. State total amount of work in progress and under contract. If none, state "none." \***

Please see attached.

**(f) Provide the following information for each contract your organization has had during the last five (5) years, including current contracts, where the contract sum is fifty percent (50%) or more of the bid amount for this Contract, including add alternates: name of contract, scope of work, contract sum, name of owner's representative and owner's telephone number. \***

Please see attached.

Note: If there are more than ten (10) of these contracts, only provide information on the most recent ten (10) contracts, including current contracts.

**(g) Provide the following information for each contract your organization has had during the last five (5) years, which your organization believes is of comparable or greater size and complexity than the Owner's contract: name of contract, scope of work, contract sum, name of owner's representative and owner's telephone number. \***

Please see attached.

Note: If there are more than five (5) of these contracts, only provide information on the most recent five (5) contracts, including current contracts.

**(h) State the average annual amount of contracts your organization has performed during the last five (5) years. \***

\$13,920,156.00

**(i) If any of the following members of your organization's management, president, chairman of the board, or any director, operates or has operated another company during the last five (5) years, identify the member of management and the name of the company. If none, state "none." \***

None

**(j) If your organization is operating under a trade name registration with the Secretary of State for the State of Ohio, identify the entity for which the trade name is registered. If none, state "none." \***

None

**(k) If your organization is a division or wholly-owned subsidiary of another entity or has another relationship with another entity, identify the entity of which it is a division or wholly-owned subsidiary or with which it has another relationship and also identify the nature of the relationship. If not applicable, state "not applicable." \***



N/A

**(l) List the education, training and experience for each person who will fill a management role on the Contract, including without limitation the Contract Executive, Contract Manager and Contract Superintendent. For each person listed, include with the other information the last three contracts on which the person worked and the name and telephone number of the owner. \***

Please see attached.

**REFERENCES:**

**(a) List all trade references. \***

Please See Attached

**(b) List all bank references. \***

Please See Attached

**(c) List the name of your surety bonding company along with the name and address of your surety agent. \***

Please See Attached

**FINANCING:**

**(a) Attach a financial statement, preferably audited, including your organization's latest balance sheet and income statement showing the following items: current assets (e.g., cash, joint venture accounts, accounts receivable, notes receivable, accrued**

income, deposits, materials inventory and prepaid expenses), net fixed assets, other assets, current liabilities (e.g., accounts payable, notes payable, accrued expenses, provision for income taxes, advances, accrued salaries and accrued payroll taxes) and other liabilities (e.g., capital, capital stock, authorized and outstanding shares par values, earned surplus and retained earnings). **(To upload - Refer to Financial Statements Upload area after the Contractor's Qualification Statement of this solicitation).**

**(b) List the name and address of the firm preparing attached financial statement, and date thereof. \***

Please see attached.

**(c) State if the attached financial statement for the identical organization is named on page one. If not, explain the relationship and financial responsibility of the organization whose financial statement is provided (e.g., parent-subsidiary). \***

Yes.

**(d) State if the organization whose financial statement is attached will act as guarantor of the Contract. \***

Yes.

**CERTIFICATION:**

The undersigned certifies for the reliance of the Owner that after diligent investigation, to the best of the undersigned's belief, the information provided with this Contractor's Qualification Statement is true, accurate and not misleading.

**Company Name: \***

The Righter Co., Inc.

**Signature: \***

Michael D. Killilea, II

**Date: \***

07/29/2022

**Printed Name and Title: \***

Michael D. Killilea, II, President

## CONTRACTOR'S QUALIFICATION STATEMENT (FINANCIAL STATEMENT UPLOAD)

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Name	Omission Terms	Submitted File
Financial Statement Upload Financial Statement Upload		Financing - b.pdf
<b>1 Required Document</b>		

## CONTRACTOR'S QUALIFICATION STATEMENT (ADDITIONAL MATERIAL)

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Name	Omission Terms	Submitted File
Optional: Vendor is not required to complete.		
Additional Material Upload #1 Optional Upload as Needed (10MB limit)		Experience - e,f,g.pdf
Additional Material Upload #2 Optional Upload as Needed (10MB limit)		Management - i.pdf
Additional Material Upload #3 Optional Upload as Needed (10MB limit)		References - a,b,c.pdf
<b>3 Required Documents</b>		

## SUBCONTRACTORS LIST

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**The bidder is required to state, in detail, in the space provided below, the name, address, experience and the work to be performed by subcontractors in this Contract, including approximate percentage of the Contract cost by subcontractor. If no subcontractors are to be used, so state. \***

Name: Lake Erie Construction Company  
Address: 25 South Norwalk Road, Norwalk, OH 44857  
Experience: Guardrail, fence, and sign installation on projects for various public entities, including ODOT. ODOT prequalified for several different work types.  
Work to be Performed: Guardrail  
Approximate Percentage of the Contract Cost to be Performed: 3%

Name: Paul Peterson Co.  
Address: 950 Dublin Rd, Columbus, OH 43215  
Experience: Maintaining Traffic on projects for various public entities, including ODOT and the City of Columbus. ODOT prequalified for several different work types.  
Work to be Performed: Maintaining Traffic and Portable Changeable Message Signs  
Approximate Percentage of the Contract Cost to be Performed: 4%

Name: Brumbaugh Engineering & Surveying, LLC  
Address: 2270 South Miami St, West Milton, OH 45383  
Experience: Construction layout staking on projects for various public entities, including ODOT and the City of Columbus. ODOT prequalified consultant for several different categories of work.  
Work to be Performed: Construction Layout Staking  
Approximate Percentage of the Contract Cost to be Performed: 1%

**Note: The bidder shall perform within its own organization, work amounting to not less than fifty percent (50%) of the total Contract cost.**

# CORPORATE AFFIDAVIT

Optional: Vendor is not required to complete.

To be filled in and executed if the contractor is a corporation.

**State of:** \*

Ohio

**County of (ss):** \*

Franklin

\_\_\_\_\_ ,  
**being first duly sworn,** \*

Tracy L. Ferguson

**deposes and says that he or she is Secretary of**

\_\_\_\_\_ , \*  
The Righter Co., Inc

**a corporation organized and existing under and by virtue of the laws of the state of**

\_\_\_\_\_ , \*  
Ohio

**and having its principal office at**

\_\_\_\_\_ (Address), \*  
2424 Harrison Road

\_\_\_\_\_ (City), \*

Columbus

\_\_\_\_\_ (County), \*

Franklin

\_\_\_\_\_ (State). \*

Ohio

**Affiant further says he or she is familiar with the records, minutes, books and by-laws of the**  
\_\_\_\_\_ (Name of Corporation). \*

The Righter Co., Inc.

**Affiant further says that**

\_\_\_\_\_ (Name of Officer),

\*

Michael D. Killilea, II

**(Title) \***

President

**of the Corporation is duly authorized to sign the Contract for the**  
\_\_\_\_\_ **(Contract) \***

Cherry Bottom Road Stabilization

**for said Corporation by virtue of \_\_\_\_\_ (state whether a provision of by-laws or a resolution of the Board of Directors), \***

a resolution of the Board of Directors

\_\_\_\_\_ **(if by resolution, give date of adoption).**

06/15/2022

**Signature: \***

Tracy L. Ferguson



**CONTRACTOR'S PERSONAL PROPERTY TAX AFFIDAVIT (O.R.C. § 5719.042)**

---

**State of: \***

Ohio

**County of (ss): \***

Franklin

\_\_\_\_\_, **Affiant, \***

Michael D. Killilea, II

**being first duly sworn, deposes and says:**

**1. I am the (Title): \***

President

**of (Contractor): \***

The Righter Co., Inc.

**2. The Contractor's offices are located at: \***

2424 Harrison Road, Columbus, Ohio 43204

**3. I am the Contractor's duly authorized representative for making this affidavit.**

**4. Effective this \_\_\_\_\_ day: \***

29th

**of \_\_\_\_\_: \***

July

**20 \_\_\_\_\_: \***

22

**the Contractor \_\_\_\_\_ with delinquent personal property taxes on the general list of personal property in any Ohio county. \***

is not charged

**delinquent personal property taxes:**

**County:**

**Amount (include total amount, with penalties and interest thereon):**

**County:**

**Amount (include total amount, with penalties and interest thereon):**

**County:**

**Amount (include total amount, with penalties and interest thereon):**

**County:**

**Amount (include total amount, with penalties and interest thereon):**

**Signature: \***

Michael D. Killilea, II

# NONCOLLUSION AFFIDAVIT

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**State of: \***

Ohio

**County of (ss): \***

Franklin

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**Contractor, \***

Michael D. Killilea, II

**being first duly sworn, deposes and says that he or she is**

\_\_\_\_\_ \*

president

**of**

---

**(company name), \***

The Righter Co., Inc.

the party making the foregoing bid; that such bid is not made in the interest of or on behalf of any undisclosed person, partnership, company, association, organization, or corporation; that such bid is genuine and not collusive or sham; that said bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that any one shall refrain from bidding; that said bidder has not in any manner, directly or indirectly, sought by agreement, communication or conference with anyone to fix any overhead, profit, or cost element of such bid price, or of that of any other bidder, or to secure any advantage against the Owner awarding the Contract to anyone interested in the proposed Contract; that all statements contained in such bid are true; and further, that said bidder has not, directly or indirectly, submitted its bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid and will not pay any fee in connection therewith, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, or to any other individual except to such person or persons as have a partnership or other financial interest with said bidder in its general business.

**Signature: \***

Michael D. Killilea, II

# ESCROW WAIVER

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**Contractor, \***

Michael D. Killilea, II

agrees to abide by City of Gahanna Ordinance No. 0077-2017. Pursuant to such ordinance and the City's home rule authority, Contractor waives the requirements of Sections 153.13, 153.14 and 153.63 of the Ohio Revised Code that an escrow account be established relating to the Contract and that interest be paid on retainage.

**Signature: \***

Michael D. Killilea, II

## BID GUARANTY AND CONTRACT BOND & SURETY UPLOADS

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Name	Omission Terms	Submitted File
Bid Guaranty and Contract Bond Bid Guaranty and Contract Bond (Form located in Attachment List)		Bid Guaranty.pdf
Surety Company's Power of Attorney Power of attorney for surety company		Surety POA.pdf
Surety Company's Financial Statement Financial statement for surety company		Surety Financial Statement.pdf
Surety Company's Certificate of Compliance from the Ohio Department of Insurance Certificate of compliance from the Ohio Department of Insurance for surety company		Surety Cert of Compliance.pdf
<b>4 Required Documents</b>		

## BID FORM & BIDDER CERTIFICATION

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Having carefully reviewed the Information and Requirements for Bidders, Drawings, Specifications and other Contract Documents for the Project including having also received, read, and taken into account any Addenda and likewise having inspected the site and the conditions affecting and governing the Project and confirmed the location of the site utilities and all existing structures, the undersigned hereby proposes to furnish all materials and to perform all labor, as specified and described in the said Specifications and/or as shown on the said Drawings for all Work necessary to complete the Project on a timely basis and in accordance with the Contract Documents regardless of whether expressly provided for in such Specifications and Drawings.

Before completing the Bid Form, the undersigned represents that it has carefully reviewed the Notice to Bidders, Information and Requirements for Bidders, this Bid Form, Form of Bid Guaranty and Contract Bond, Contractor's Affidavit (O.R.C. 5719.042), Owner-Contractor Agreement, General Conditions of the Contract (EJCDC C-700, 2013) (as modified), Drawings, Project Specifications, and all other Contract Documents. Failure to comply with provisions of the Contract Documents may be cause for disqualification of the bid.

**BONDS AND CONTRACT:** If the undersigned is notified of bid acceptance, it agrees to furnish required bonds as indicated in the Information and Requirements for Bidders.

**COMPLETION OF WORK:** In submitting a bid, the undersigned agrees to execute the Owner-Contractor Agreement in the form included in the Contract Documents and to substantially complete its Work as required by the Contract Documents.

**NOTE A:** The wording of the Bid Form shall be used throughout, without change, alteration, or addition. Any change may cause it to be rejected.

**NOTE B:** Bidder is cautioned to bid only on the Brands or Standards specified.

**NOTE C:** If there is an inconsistency or conflict in the Bid amount, the lowest amount shall control, whether expressed in numbers or words.

### INSTRUCTIONS FOR SIGNING

A. The person signing for a sole proprietorship must be the sole proprietor or his authorized representative. The name of the sole proprietor must be shown below.

B. The person signing for a partnership must be a partner or his authorized representative.

C. The person signing for a corporation must be the president, vice president or other authorized representative; or he must show authority, by affidavit, to bind the corporation.

D. The person signing for some other legal entity must show his authority, by affidavit, to bind the legal entity.

**BIDDER CERTIFICATIONS.** The Bidder hereby acknowledges that the following representations in this bid are material and not mere recitals:

1. The Bidder acknowledges that this is a public project involving public funds, and that the Owner expects and requires that each successful Bidder adhere to the highest ethical and performance standards. The Bidder by submitting its bid pledges and agrees that (a) it will act at all times with absolute integrity and truthfulness in its dealings with the Owner and the Design Professional, (b) it will use its best efforts to cooperate with the Owner and the Design Professional and all other Contractors on the Project and at all times will act with professionalism and dignity in its dealings with the Owner, Design Professional and other Contractors, (c) it will assign only competent supervisors and workers to the Project, each of whom is fully qualified to perform the tasks that are assigned to him/her, and (d) it has read, understands and will comply with the terms of the Contract Documents.
2. The Bidder represents that it has had a competent person carefully and diligently review each part of the Contract Documents, including the Divisions of the Specifications and parts of the Drawings that are not directly applicable to the Work on which the Bidder is submitting its bid. By submitting its bid, each Bidder represents and agrees, based upon its careful and diligent review of the Contract Documents, that it is not aware of any conflicts, inconsistencies, errors or omissions in the Contract Documents for which it has not notified the Design Professional in writing at least seven (7) days prior to the bid opening. If there are any such conflicts, inconsistencies, errors or omissions in the Contract Documents, the Bidder (i) will provide the labor, equipment or materials of the better quality or greater quantity of Work; and/or (ii) will comply with the more stringent requirements. The Bidder will not be entitled to any additional compensation for any conflicts, inconsistencies, errors or omissions that would have been discovered by such careful and diligent review, unless it has given such prior written notice to Design Professional.
3. The Bidder represents that it has had a competent person carefully and diligently inspect and examine the entire site for the Project and the surrounding area, including all parts of the site applicable to the Work for which it is submitting its bid, including the location, condition and layout of the site and the location of utilities, and carefully correlate the results of the inspection with the requirements of the Contract Documents. The Bidder agrees that its bid shall include all costs attributable to site and surrounding area conditions that would have been discovered by such careful and diligent inspection and examination of the site and the surrounding area, and the Bidder shall not be entitled to any Change Order, additional compensation, or additional time on account of conditions that could not have been discovered by such an investigation.
4. The Bidder represents, understands and agrees that a) the Change Proposal and Claim procedures in the Modified Standard General Conditions are material terms of the Contract Documents, b) if it has a Change Proposal or Claim, it will have its personnel provide complete and accurate information to complete and submit the Change Proposal and / or Statement of Claim form on a timely basis, c) the proper completion and timely submission of a Change Proposal or Statement of Claim form is a condition precedent to any change in the Contract Sum or the Contract Time(s), and d) the proper and timely submission of the Change Proposal or Statement of Claim form provides the Owner and the Design Professional with necessary information so that the Owner may investigate the Claim and mitigate its damages.
5. The Bidder represents that the bid contains the name of every person interested therein and is based upon the Standards specified by the Contract Documents.
6. The Bidder and each person signing on behalf of the Bidder certifies, and in the case of a bid by joint venture, each member thereof certifies as to such member's entity, under penalty of perjury, that to the best of the undersigned's knowledge and belief: (a) the Base Bid, any Unit Prices, Lump Sum Items, and any Alternate bids in the bid have been arrived at independently without collusion, consultation, communication or agreement, or for the purpose of restricting competition as to any matter relating to such Base Bid, Unit Prices, Lump Sum Items, or Alternate bids with any other Bidder; (b) unless otherwise required by law, the Base Bid, any Unit Prices, Lump Sum Items, and any Alternate bids in the bid have not been knowingly disclosed by the Bidder and will not knowingly be disclosed by the Bidder prior to the bid opening, directly or indirectly, to any other Bidder who would have any interest in the Base Bid, Unit Prices, Lump Sum Items, or Alternate bids; (c) no attempt has been made or will be made by the Bidder to induce any other Person to submit or not to submit a bid for the purpose of restricting competition; and (d) the statements made in this Bid Form are true and correct.
7. The Bidder will execute the form of Owner/Contractor Agreement in the form included with the Contract Documents, if a Contract is awarded on the basis of this bid, and if the Bidder does not execute the Contract Form for any reason, other than as authorized by law, the Bidder and the Bidder's Surety are liable to the Owner.
8. The Bidder certifies that upon the award of a Contract, the Contractor will ensure that all of the Contractor's employees, while working on the Project site, will not purchase, transfer, use or possess illegal drugs or alcohol or abuse prescription drugs in any way.
9. The Bidder agrees to furnish any information requested by the Design Professional or the Owner's authorized representative to evaluate that the Bidder is the best bidder and that the bid is responsive to the specifications.
10. The Bidder certifies that it has no unresolved findings for recovery issued by the Auditor of State.
11. The Bidder certifies that it is aware of and in compliance with the requirements of Ohio Revised Code Section 3517.13 regarding campaign contributions.

**Legal Name of Bidder: \***

The Righter Co., Inc.

**Bidder is: \***

corporation

**Name and Title of Person Legally Authorized to Bind Bidder to a Contract: \***

Michael D. Killilea, II, President

**Address: \***

2424 Harrison Road

**City \***

Columbus

**State \***

Ohio

**Zip \***

43,204

**Telephone Number: \***

(614) 272-9700 x108

**Fax Number:**

(614) 274-3325

**Federal Tax ID Number: \***

31-0889208

**Signature: \***

Michael D. Killilea, II

**Date: \***

07/29/2022

**When the Bidder is a partnership or a joint venture, state name and address of each partner in the partnership or participant in the joint venture below:**

**Name and Address:**



## **BID FORM (INSTRUCTIONS)**

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Include the cost of all labor and material for the bid items listed below. Bidder is to fill in all blanks related to the bid items for which a bid is being submitted. If there is a difference between the total bid amount and the total of the individual amounts for labor and materials stated under a bid item, the total of the individual amounts shall be the amount deemed to be inserted in the blank for the total labor and materials for each bid item. If there is an inconsistency or conflict in the bid amount, the lowest amount shall control, whether expressed in numbers or words.

For items the City designates as alternate, enter a negative value if it is to be deducted from the Base Bid. Otherwise the item(s) will be included as an addition to the base bid. If opting out of bidding an alternate item, check mark the box in the optional column located to the left of the item to insert the words "No Bid".

**BID FORM**

\$349,195.00

REF #	ITEM #	DESCRIPTION	QTY	UNIT	MATERIAL	LABOR	Extension
Alternates are not included in bid total.							
1	201	Clearing and Grubbing	1.00	LS	\$0.00	\$1,500.00	\$1,500.00
2	202	Guardrail Removed	275.00	FT	\$0.00	\$6.00	\$1,650.00
3	203	Excavation	168.00	CY	\$0.00	\$11.00	\$1,848.00
4	203	Embankment	20.00	CY	\$0.00	\$60.00	\$1,200.00
5	606	Guardrail, Type MGS With Long Posts	275.00	FT	\$14.00	\$14.20	\$7,755.00
6	601	Rock Channel Protection, Type C With Filter	115.00	CY	\$75.00	\$67.00	\$16,330.00
7	659	Seeding and Mulching, As Per Plan	350.00	SY	\$1.50	\$3.50	\$1,750.00
8	832	Erosion Control	8,000.00	EA	\$0.00	\$1.00	\$8,000.00
9	411	Stabilized Crushed Aggregate	13.00	CY	\$67.00	\$53.00	\$1,560.00
10	504	Steel Sheet Piling Left In Place, As Per Plan	5,820.00	SF	\$32.00	\$16.30	\$281,106.00
11	614	Portable Changeable Message Sign, As Per Plan	4.00	SNMT	\$0.00	\$774.00	\$3,096.00
12	614	Maintaining Traffic, As Per Plan	1.00	LS	\$0.00	\$10,400.00	\$10,400.00
13	623	Construction Layout Stakes and Surveying	1.00	LS	\$0.00	\$3,000.00	\$3,000.00
14	624	Mobilization	1.00	LS	\$0.00	\$10,000.00	\$10,000.00
							<b>Total: \$349,195.00</b>



Rea & associates *a brighter way*

## INDEPENDENT AUDITOR'S REPORT

To the Shareholders  
The Righter Company, Inc.  
Columbus, Ohio

### **Opinion**

We have audited the accompanying financial statements of The Righter Company, Inc., (the Company) which comprise the balance sheets as of March 31, 2022 and 2021, the related statements of income, changes in shareholders' equity, and cash flows for the years then ended, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Company as of March 31, 2022 and 2021, and the results of its operations and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

### **Basis for Opinion**

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Company and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

### **Responsibilities of Management for the Financial Statements**

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for the period of one year from the date of this report.

### **Auditor's Responsibilities for the Audit of the Financial Statements**

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not absolute assurance, and therefore, is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control related matters that we identified during the audit.

*Rea & Associates, Inc.*

Rea & Associates, Inc.  
Dublin, Ohio  
June 23, 2022

THE RIGHTER COMPANY, INC.  
BALANCE SHEETS  
AS OF MARCH 31, 2022 AND 2021

ASSETS

	2022	2021
CURRENT ASSETS:		
Cash and cash equivalents	\$ 2,609,072	\$ 2,801,662
Contract receivables	977,869	1,241,951
Contract assets	803,878	281,196
Prepaid expenses	22,002	1,447
Total current assets	4,412,821	4,326,256
PROPERTY AND EQUIPMENT:		
Machinery and equipment	2,681,471	2,679,738
Automobiles and trucks	299,891	511,993
Office furniture and equipment	157,195	157,195
Leasehold improvements	20,508	20,508
Property and equipment, at cost	3,159,065	3,369,434
Accumulated depreciation	(2,224,175)	(2,292,876)
Property and equipment, net	934,890	1,076,558
OTHER ASSETS	5,295	5,295
Total assets	\$ 5,353,006	\$ 5,408,109

LIABILITIES AND SHAREHOLDERS' EQUITY

	2022	2021
CURRENT LIABILITIES:		
Accounts payable	\$ 618,467	\$ 415,510
Line of credit	1,000,000	1,000,000
Current portion of notes payable	47,482	53,313
Accrued payroll and related expenses	139,267	155,550
Contract liabilities	820,442	387,692
Total current liabilities	2,625,658	2,012,065
NOTES PAYABLE, NET OF CURRENT PORTION	70,021	854,458
Total liabilities	2,695,679	2,866,523
SHAREHOLDERS' EQUITY:		
Common stock	5,014	5,014
Additional paid-in capital	39,224	39,224
Treasury Stock, at cost	-	(1,995,014)
Retained earnings	2,613,089	4,492,362
Total shareholders' equity	2,657,327	2,541,586
Total liabilities and shareholders' equity	\$ 5,353,006	\$ 5,408,109

The accompanying notes are an integral part of these financial statements.

THE RIGHTER COMPANY, INC.

STATEMENTS OF INCOME  
FOR THE YEARS ENDED MARCH 31, 2022 AND 2021

	2022	2021
REVENUE	\$ 9,050,085	\$ 12,801,584
COST OF REVENUE	8,037,713	10,956,787
Gross profit	1,012,372	1,844,797
SELLING, GENERAL, AND ADMINISTRATIVE EXPENSES	1,239,119	1,305,215
Operating (loss) income	(226,747)	539,582
OTHER INCOME (EXPENSE):		
Interest expense	(10,045)	(9,667)
Gain on disposal of property and equipment	121,500	15,784
PPP funds	737,085	216,560
BWC dividend	-	263,777
Interest and dividend income	-	346
Realized gain on sales of investments	-	58,742
Total other income (expense)	848,540	545,542
Net income	\$ 621,793	\$ 1,085,124

The accompanying notes are an integral part of these financial statements.

**CONSTRUCTION IN PROGRESS AND UNDER CONTRACT - The Righter Company, Inc.**

Project Name	Nature of Project	Owner / GC	Architect/Engineer	Contract Amount	Percent Complete	Balance to Finish	Scheduled Completion	Project Mgr.
<b>NON-ODOT PROJECTS</b>								
90 West Broad Street Elevator	Renovation of 3 existing elevators including electrical and mechanical work	City of Columbus, Dept. of Finance and Management 90 West Broad Street Columbus, Ohio 43215 Contact: Heather Brink 614/645-1472 hbrink@columbus.gov	Star Consultants 1910 Crown Park Court Columbus, Ohio 43235 Contact: Sam Pegg 614/538-8445	\$1,512,265	99%	\$15,123	5/31/22	Nick Miller
300 North Fourth Elevator	Elevator modernization at the City of Columbus Fire Station # 1	City of Columbus, Dept. of Finance and Management 90 West Broad Street Columbus, Ohio 43215 Contact: Steve Alvarez 614/645-8679 SEAlvarez@columbus.gov	Star Consultants 1910 Crown Park Court Columbus, Ohio 43235 Contact: Sam Pegg 614/538-8445	\$245,300	13%	\$213,411	7/31/22	Nick Miller
Alum Creek Trail - Johnstown Road	The work consists of constructing a shared use path along multiple private properties, dedicated bike lanes along Johnstown Rd, and bike boulevards on Parkview Blvd. and 10th Ave for a project length of 1.3 miles. Work will also include modifying an existing shared use path bridge over Alum Creek. A stormwater retention basin will be constructed near the corner of Johnstown Rd and Kenilworth Rd.	City of Columbus Recreation & Parks Dept. 1111 E. Broad Street Columbus, Ohio 43229 Contact: Kelly Messer KNMesser@columbus.gov 614/645-3902	MS Consultants 2221 Schrock Road Columbus, Ohio 43229 614/898-7100	\$2,509,918	85%	\$376,488	8/31/22	Chris Thompson
Bightler Armory Elevator	Elevator modernization at the Adjutant Generals Department Armory	Adjutant Generals Department 2825 W. Dublin-Granville Road Columbus, Ohio 43235 Contact: George McCann george.c.mccann.nfg@mail.mil 614/336-7413	Design Level Architecture 2690 W. Dublin-Granville Road Columbus, Ohio 43235 Contact: Tracy Kameoka 614/354-3021	\$322,850	56%	\$142,054	6/30/22	Nick Miller
Berliner Park Utility Improvements	The work consists of extending water service, installing new sewer lateral, expanding electric service, and site improvements.	City of Columbus Recreation & Parks Dept. 1111 E. Broad Street Columbus, Ohio 43235 Contact: Chris Scannell cmsscannell@columbus.gov 614/645-6567	Ribway Engineering Group, Inc. 300 E. Broad Street, Suite 500 Columbus, OH 43215 614-221-6009	\$260,005	86%	\$255,940	8/31/22	Chris Thompson
Bremen Wastewater Treatment Plant Influent Screen	Construction of new inlet structure and influent screen for the Village of Bremen Wastewater Treatment Plant	Village of Bremen 9090 Marietta Street Bremen, OH 43107 Contact: Anthony Taylor	Hu Ji 59 Grant St. Newark, OH 43055 740-344-5451	\$657,427	15%	\$558,813	7/31/22	Nick Miller
Canada Road Bridge Rehab	Removal and installation of new two span box beam superstructure.	Clinton County Commissioners 46 S. South Street Wilmington, OH 45177 Contact: Adam Fricke (937) 382-2078	Clinton County Engineer's Office 1326 Fire Avenue Wilmington, Ohio 45177 (937) 382-2078	\$321,582	0%	\$321,582	9/30/22	Chris Thompson



**CONSTRUCTION IN PROGRESS AND UNDER CONTRACT - The Righter Company, Inc.**

Project Name	Nature of Project	Owner / GC	Architect/Engineer	Contract Amount	Percent Complete	Balance to Finish	Scheduled Completion	Project Mgr.
Columbus Fire Station 15 - Dewatering	Basement dewatering system for Columbus FS #15. Dewatering system includes dewatering well improvements, installation of a 2nd dewatering well, and a new monitoring well and a groundwater collection system.	City of Columbus Department of Finance and Maintenance 90 W. Broad Street Columbus, Ohio 43215 Contact: Mike Jones mjones@columbus.gov 614/646-8855	Burgess & Niple 5085 Reed Road Columbus, Ohio 43220 614/459-2050	\$493,826	82%	\$88,889	6/30/22	Nick Miller
Fire Academy Wheelchair Lift	Elevator modernization at the City of Columbus Fire Training Academy.	City of Columbus, Dept. of Finance and Management 90 West Broad Street Columbus, Ohio 43215 Contact: Drew Bobay 614/645-8405 avbobay@columbus.gov	Star Consultants 1910 Crown Park Court Columbus, Ohio 43235 Contact: Sam Pegg 614/538-8445	\$260,927	37%	\$164,384	8/31/22	Chris Thompson
Griggs Boat Launch Improvements	Removal and reconstruction of two concrete boat launch ramps along the east side of the Scioto River at Griggs Reservoir	City of Columbus Recreation & Parks Dept. 1111 E. Broad Street Columbus, Ohio 43215 Contact: Kelly Messer KMMesser@columbus.gov 614/645-3902	Burgess & Niple 5085 Reed Road Columbus, Ohio 43220 614/459-2050	\$1,152,072	87%	\$149,769	7/31/22	Chris Thompson
Lancaster CSO 1029 Modifications	Reconstruction of a combined sanitary and storm sewer vault	City of Lancaster Division of Engineering & Construction 300 Lawrence Street Lancaster, OH 43130	Arcadis 100 E. Campus View Blvd. Suite 230 Columbus, OH 43235	\$563,770	0%	\$563,770	9/30/22	Nick Miller
Madison County Bridge Superstructure	Furnishing and installation of twenty-one pre-stressed concrete box beams on existing abutments and piers	Madison County Board of Commissioners 1 North Main Street London, Ohio 43140	Madison County Engineer 825 US-42 London, Ohio 43140 Contact: Jeff Coleman 740/852-9404 Jeff.Coleman@madison.oh.gov	\$178,900	88%	\$21,468	5/31/22	Mike Killilea
ODNR Muskingum Flush Laitrine Replacement	Replace the existing vault lairine at the Beverly Boat Ramp with a new, relocated flush restroom. Project includes associated water and sewer work, along with boat ramp work, and an elevated platform for electrical work	Ohio Department of Natural Resources, Division of Engineering 2045 Morse Road E-3 Columbus, OH 43229 Contact: David Kirshner david.kirshner@dnr.ohio.gov 614-265-7080	ms consultants, inc. 2221 Schrock Road Columbus, OH 43229 Contact: Joshua Martin 614-898-7100 jmartin@msconsultants.com	\$366,193	58%	\$153,801	7/31/22	Nick Miller
OSU Gray No. 7 Bridge Rehabilitation	Removal and replacement of bridge deck, southern abutment, bridge vandal fencing, and approach pavement.	Barton Malow Builders 300 Spruce St. Columbus, OH 43215 Owner: OSU Athletics	Pennoni Associates, Inc. 5202 Bethel Reed Road Suite 200 Columbus, OH 43220 614-486-0401	\$309,896	40%	\$185,938	5/31/22	Mike Killilea
Smoky Row Booster Station	Installation of a sloped standing seam metal roof over top of a flat roof and parapet for an existing 1-story masonry and concrete building, ancillary HVAC improvements, a communications antenna and concrete foundation.	City of Columbus - DPU 910 Dublin Road Columbus, Ohio 43215 Contact: Erik Briedis 614/645-1726 EPBriedis@columbus.gov	MS Consultants 2221 Schrock Road Columbus, Ohio 43229 614/898-7100	\$377,700	68%	\$120,864	6/30/22	Nick Miller

**CONSTRUCTION IN PROGRESS AND UNDER CONTRACT - The Righter Company, Inc.**

Project Name	Nature of Project	Owner / GC	Architect/Engineer	Contract Amount	Percent Complete	Balance to Finish	Scheduled Completion	Project Mgr.
Specialty Maintenance Crafts	Specialized construction repair and maintenance services for Department of Public Utilities Facilities	City of Columbus - DPU 910 Dublin Road Columbus, Ohio 43215 Contact: Monica Powell 614/645-3089 MOPowell@columbus.gov	City of Columbus, Dept. of Public Utilities 910 Dublin Road Columbus, Ohio 43215 Contact: Monica Powell 614/645-3089 MOPowell@columbus.gov	\$2,862,439	62%	\$1,087,727	12/31/22	Nick Miller
SWWTP Boiler System Improvements	Modifications to the HVAC system in the service building at the Southerly Wastewater Treatment Plant including HVAC upgrades, boiler system improvements, and associated electrical work.	City of Columbus-DOSD 1250 Fairwood Avenue Columbus, OH 43206 Contact: Tyler Schweinfurth (614) 645-7758 GTSchweinfurth@columbus.gov	Burgess & Niple 5085 Reed Road Columbus, Ohio 43220 614/459-2050	\$853,800	1%	\$845,262	3/31/22	Nick Miller
UDF Delaware	Culvert extension, drilled shafts, concrete wing walls, and concrete headwall	Reliable Construction Services 20 Innovation Ct. Dayton, OH 45414 614-519-4988	K4 Architecture Design 555 Gest Street Cincinnati, OH 45203 513-455-5000	\$388,975	77%	\$89,464	7/31/22	Mike Killilea
Greene Co. Pump Stations - Indian Ripple & Grange Hall		Board of Commissioners of Greene County, Ohio 35 Greene Street Xenia, OH 45385	Barge Design Solutions 1370 Vanguard Boulevard Miamisburg, OH 45342	\$1,649,000	0%	\$1,649,000	6/20/23	Nick Miller
<b>Total Uncompleted Contracts -- NON-ODOT</b>						<b>\$7,021,565</b>		
<b>ODOT Projects</b>								
ODOT 190624 - Pump Station	Refurbish stormwater pumping station to include pumps, motors, electrical system, sluice gates and building renovation	ODOT - Office of Contracts 1980 W. Broad Street Columbus, Ohio 43223 Contact: Dan Wise 740/833-8023	IBI Group 8101 North High Street, Suite 100 Columbus, Ohio 43235 614/818-4900	\$4,418,726	78%	\$972,120	12/31/22	Nick Miller
ODOT 210510 - Lynchburg Covered Bridge	Rehabilitate Lynchburg Covered Bridge including abutments, tuckpointing, timber trusses, siding, roofing, decking, and timber railing	ODOT - Office of Contracts 1980 W. Broad Street Columbus, Ohio 43223 Contact: Eric Smith 740/774-9026	Woolpert One Easton Oval, Suite 400 Columbus, Ohio 43219 614/475-6000	\$1,113,213	50%	\$556,606	12/31/22	Mike Killilea
ODOT 210603 - Gallia County	Rehabilitation of the historic Adamsville Bridge with minor roadway approach work.	ODOT - Office of Contracts 1980 W. Broad Street Columbus, Ohio 43223 Contact: TBD TBD	Woolpert One Easton Oval, Suite 400 Columbus, Ohio 43219 614/475-6000	\$1,781,715	3%	\$1,728,263	3/31/23	Mike Killilea
<b>Total Uncompleted Contracts -- ODOT</b>						<b>\$3,256,989</b>		
<b>TOTAL</b>						<b>\$10,278,554</b>		

COMPLETED PROJECTS (last 5 years) - The Righter Company, Inc.

Project Name	Owner	Architect/Engineer	Contract Amount	Date Completed		
Mount Carmel Grove City Hospital - Shoring	Sub to: Quandel/Hunt, a Joint Venture 8181 Worthington Road Westerville, Ohio 43082 Contact: Jeff Haines 614/560-3979	HKS, Inc 235 East Main Street, Suite 102-C Northville, Michigan 48167	\$389,049	Jun-16	Chris Thompson	Beam and lagging earth retention system with walers and helical tiebacks
Alum Creek Trail - Airport Drive	City of Columbus Dept of Rec & Parks 1111 East Broad Street Columbus, Ohio 43205 Contact: Brad Westall 614/845-2441	Jones-Stuckey Ltd., Inc. 5202 Bethel Reed Park, Suite 200 Columbus, Ohio 43220 614/488-0401	\$5,417,804	Jun-16	Mike Killilea	Multi-use trail and bridges
Mt. Vernon Connector Trail	City of Mount Vernon 40 Public Square Mount Vernon, Ohio 43050 Contact: David Glass 740/393-9520	EMH&T 5500 New Albany Road Columbus, Ohio 43054 614/775-4500	\$728,970	Jun-16	Chris Thompson	Rahab of two abandoned RR bridges for pedestrian access and constructing 3,350 feet of multi-use path along Kokosing River
Landis Road Bridge	Fairfield Co. Commissioners 210 E. Main Street, #301 Lancaster, Ohio 43130	Fairfield Co. Engineer 3026 W. Fair Avenue Lancaster, Ohio 43130 Contact: Jeremiah Upp 740/652-2368	\$538,077	Aug-16	Mike Killilea	Slab bridge
Fire Station Window Replacement	City of Columbus Office of Construction Management 90 West Broad St., Suite 416 Columbus, Ohio 43215	Feinknopf Macioce Schappa Architects 995 W. 3rd Avenue Columbus, Ohio 43212 Contact: Vaughn Benson 614/297-1020	\$308,500	Aug-16	Nick Miller	Replacement of windows at four fire stations
Fire Station #1 Windows	City of Columbus Office of Construction Management 90 West Broad St., Suite 416 Columbus, Ohio 43215	Feinknopf Macioce Schappa Architects 995 W. 3rd Avenue Columbus, Ohio 43212 Contact: Vaughn Benson 614/297-1020	\$310,200	Aug-16	Nick Miller	Replacement of windows at Fire Station #1
Academy Park Suspension Bridge	City of Columbus Dept of Rec & Parks 1111 East Broad Street Columbus, Ohio 43205 Contact: Brad Westall 614/845-2441	GPD Group 1801 Watermark Drive, Suite 210 Columbus, Ohio 43215	\$587,548	Sep-16	Mike Killilea	Repair of 150' single span suspension bridge
ODOT 160032	ODOT - Office of Contracts 1980 W. Broad Street Columbus, Ohio 43223 Contact: Chad Mitten 740/774-8978	Strand Associates 4433 Professional Parkway Columbus, Ohio 43125 614/835-0460	\$877,518	Sep-16	Mike Killilea	Prestressed Concrete I-Beam bridge with cast-in place deck on drilled shaft foundation
Hap Creman - Alum Feed System Upgrade	City of Columbus, Dept. of Public Utilities 910 Dublin Road Columbus, Ohio 43215 Contact: Cynthia Moorehead 614/845-7100	Arcadis, U.S., Inc. 100 E. Campus View Blvd. Ste 200 Columbus, Ohio 43235 614/885-9228	\$1,786,400	Oct-16	Nick Miller	Upgrades to the Alum Feed System
Cherrydale Pump Station	Franklin County Board of Commissioners (Franklin Co. Dept of Sanitary Engineering) 373 South High Street, 25th Floor Columbus, Ohio 43215 Contact: Ryan Stowe 614/525-4524	M S Consultants, Inc. 2221 Schrock Road Columbus, Ohio 43229-1547 614/898-7100	\$603,325	Nov-16	Nick Miller	New sanitary sewer pump station and force main
Galena Brick Trail	Delaware County Commissioners 101 N. Sandusky Street Delaware, Ohio 43015	CT Consultants 7965 N. High Street, Suite 340 Columbus, Ohio 43235 614/885-1700	\$330,200	Nov-16	Chris Thompson	Multi-purpose trail on old railroad bed and a new bridge
Borror Road Bridges	Franklin County Commissioners 373 S High St #26 Columbus, Ohio 43215 Contact: Mike Bashore 614/525-6040	Korda/Nemeth Engineering, Inc. 1650 Watermark Drive, Suite 200 Columbus, Ohio 43215  Dynatec, Inc. 2931 E. Dublin-Granville Road Columbus, Ohio 43231	\$731,580	Nov-16	Mike Killilea	Replacement of two cast-in-place bridge slab superstructures and minor approach roadway work
Heart of Ohio Trail	Knox County Commissioners 117 East High Street Mount Vernon, Ohio 43050 Contact: Jim Henry 740/397-1590 jhenry@rohio.com	CT Consultants 7965 N. High Street, Suite 340 Columbus, Ohio 43235 614/885-1700	\$1,066,819	Jan-17	Chris Thompson	Shared-use path (2.2 miles) and 182' pedestrian bridge over US-36
Athens Bikepath Bridge	City of Athens 6 E. Washington Street Athens, Ohio 45701 Contact: Jessica Adine 740/593-7838	Jones-Stuckey Ltd., Inc. 5202 Bethel Reed Park, Suite 200 Columbus, Ohio 43220 614/488-0401	\$1,413,531	Jan-17	Mike Killilea	Constructing a bridge over the Hocking River and connecting to the existing Adena bikeway
Lake Darby WTP	Aqua Ohio 365 E. Center Street Marion, Ohio 43302 Contact: Jerry Helterscheidt 740/365-0974	Stantec 1311 West Hunter Street Logan, Ohio 43138 740/360-2828	\$350,000	Apr-17	Nick Miller	Install new filters and construction of cleanwell
WESTCO - Bridge Rehabilitation	WESTCO 3130 East Main Street - Suite 2B Springfield, Ohio 45505 Contact: Louis Agresta 937/521-2134 ltagresta@clarkcountyohio.gov	HDR 9987 Carver Road, Suite 200 Cincinnati, Ohio 45242 Contact: Michael Trella 513/984-7508	\$387,158	Apr-17	Chris Thompson	Repair two railroad bridges including concrete, sheet piling and track
Upper Scioto Air Quality	City of Columbus, Dept of Public Utilities 910 Dublin Road Columbus, Ohio 43215 Contact: Jeremy Cawley 614/845-6795	Chester Engineers 88 East Broad Street Columbus, Ohio 43215 614/224-4419	\$1,988,000	May-17	Nick Miller	Reconstruction of 2 biofilters along Upper Scioto Sewer
Fisher Road Booster Station	City of Columbus - Dept of Public Utilities 910 Dublin Road Columbus, Ohio 43215 Contact: Philip Schmidt 614/845-3175	Stantec 1500 Lake Shore Drive, Suite 100 Columbus, Ohio 43204 614/486-4383	\$463,100	May-17	Nick Miller	Building renovation to include roof replacement, plumbing, HVAC, electrical upgrades, louvers, guardrail and painting
Camp Chase Rail Trail	City of Columbus Dept of Rec & Parks 1111 East Broad Street Columbus, Ohio 43205 Contact: Brad Westall 614/845-2441	Korda/Nemeth Engineering, Inc. 1650 Watermark Drive, Suite 200 Columbus, Ohio 43215 614/487-1650	\$3,817,767	Jul-17	Mike Killilea	Construction of a 2.9 mile section of multi-use trail
Klondike Road Culvert	Delaware County Commissioners 101 North Sandusky Street Delaware, Ohio 43015	Delaware County Engineer Attn: Brian Dilley 50 Channing Street Delaware, Ohio 43015 740/833-2446	\$717,882	Nov-17	Mike Killilea	Replacement of the existing deficient corrugated metal pipe culvert with a three sided arch culvert. Includes approximately 50' of roadway work.

Project Name	Owner	Architect/Engineer	Contract Amount	Date Completed		
IAP - Underground Waterline	IAP Government Services Group, Inc. 2740 Airport Drive, Suite 300 Columbus, Ohio 43219 Contact: Chris Rogers 614/981-0668	IAP Government Services Group, Inc. 2740 Airport Drive, Suite 300 Columbus, Ohio 43219	\$304,200	Feb-18	Chris Thompson	Replace 1,200 LF of 8" waterline. Installation of 22 new hydrants. Removal and replacement of asphalt pavement.
IAP - Underground Waterline	IAP Government Services Group, Inc. 2740 Airport Drive, Suite 300 Columbus, Ohio 43219 Contact: Chris Rogers 614/981-0668	IAP Government Services Group, Inc. 2740 Airport Drive, Suite 300 Columbus, Ohio 43219	\$304,200	Mar-18	Chris Thompson	Replace 1,200 LF of 8" waterline. Installation of 22 new hydrants. Removal and replacement of asphalt pavement.
Alum Creek Marina	ODNR - Div. of Engineering 2045 Morse Road, Bldg. E-3 Columbus, Ohio 43229 Contact: Gary Harsanye 614/265-6956	Burgess & Niple 5085 Reed Road Columbus, Ohio 43220 614/459-2050	\$4,894,486	Apr-18	Mike Killilea	Removal and complete replacement of the floating dock system.
Kingston Water System Improvements	Village of Kingston 20 East Pickaway Street Kingston, Ohio 45644	GGC Engineers 148 North High Street Cahanna, Ohio 43230 Contact: Barb Anderson 614/471-7310 BAnderson@ggceng.com	\$469,300	May-18	Chris Thompson	Installation of replacement chemical feed equipment, minor piping/metering improvements/electrical and control improvements and installation of standby power facilities at the existing village WTP and wellfield.
Swartz Covered Bridge	Wyandot County Commissioners 109 S. Sandusky Avenue Upper Sandusky, Ohio 43351	Wyandot County Engineer 350 N. Warpole Street Upper Sandusky, Ohio 43351 Contact: Mike Kohl 419/294-2330	\$597,672	Jun-18	Mike Killilea	Historic covered bridge renovation including main truss members, roofing and siding.
ODOT 173012 - Muskingum County	ODOT - Office of Contracts 1980 W. Broad Street Columbus, Ohio 43223	ODOT - District 5 9600 Jackson Road Jacksontown, Ohio 43030 Contact: David Flood 740/323-4400	\$698,800	Jun-18	Mike Killilea	Replacement of two concrete slab bridges on H-Pile foundations.
Parker Covered Bridge	Wyandot County Commissioners 109 S. Sandusky Avenue Upper Sandusky, Ohio 43351	Wyandot County Engineer 350 N. Warpole Street Upper Sandusky, Ohio 43351 Contact: Mike Kohl 419/294-2330	\$607,988	Jul-18	Mike Killilea	Historic covered bridge renovation including main truss members, roofing and siding.
Hoover Dam - Misc. Improvements	City of Columbus - Dept. of Public Utilities 910 Dublin Road Columbus, Ohio 43215 Contact: G.R. Weaver 614/645-7100	Stantec 1500 Lake Shore Drive, Suite 100 Columbus, Ohio 43204	\$475,852	Aug-18	Mike Killilea	Improvements to dam structure: drainage, manhole, outlet structure, turf repairs, concrete patching.
ODOT 173020 - Meigs County	ODOT - Office of Contracts 1980 W. Broad Street Columbus, Ohio 43223	ODOT - District 10 338 Muskingum Drive Marietta, Ohio 45750 Contact: Eric Reid 740/568-3951	\$495,700	Sep-18	Mike Killilea	Design/Build bridge replacement. Single-span prestressed box beam on capped pile abutments.
FRA - Bikeshare Expansion	City of Columbus, Dept. of Recreation and Parks 1111 E. Broad Street, Suite 101 Columbus, Ohio 43205	City of Columbus, Dept. of Recreation and Parks 1111 E. Broad Street, Suite 101 Columbus, Ohio 43205	\$1,593,794	Nov-18	Mike Killilea	Expand City of Columbus CoGo bikeshare system. Includes 26 new docking bikeshare stations and 232 matching dockable bikeshare bikes.
WAS - CR 25 - Slide Repair	Washington County Commissioners 204 Davis Avenue Marietta, Ohio 45750 Contact: Roger Wright 740/378-7430	Washington County Engineer 103 Westview Avenue Marietta, Ohio 45750	\$418,169	Nov-18	Mike Killilea	Landslide repair consisting of a soldier pile retaining wall.
West Central Avenue Bikeway	City of Delaware One South Sandusky Street Delaware, Ohio 43015 Contact: Chad Green Phone 740/203-1713 cgreen@delawareohio.net	Pomeroy & Associates, Ltd. 2550 Corporate Exchange Drive Suite 10 Columbus, Ohio 43231	\$333,525	Jan-19	Chris Thompson	Pedestrian path along SR 37 and pedestrian bridge over Delaware Run.
Owens Coming Tank Farm Foundation	Sub to - Law General Contracting 9128 Mt. Vernon Road St. Louisville, Ohio 43071 Contact: Bryan Murphy 740/745-3420	Varo Engineers, Inc. 2751 Tuller Parkway Dublin, Ohio 43017 Contact: Micheal Richardson, PE 614/459-0424	\$329,800	Apr-19	Chris Thompson	Expansion of a chemical tank containment structure and construction of a new tank foundation.
BWARI Biofilter Project	City of Columbus - Dept. of Public Utilities 910 Dublin Road Columbus, Ohio 43215 Contact: Nick Domenick 614/827-4407	Black & Veatch 4016 Townsair Way #210 Columbus, Ohio 43219 614/473-0921	\$3,606,900	Jul-19	Nick Miller	Renovation of sewer biofilter and tunnel shaft work.
Bethel Road Booster Station	City of Columbus - Dept. of Public Utilities 910 Dublin Road Columbus, Ohio 43215 Contact: Philip Schmidt 614/645-3175	Burgess & Niple 5085 Reed Road Columbus, Ohio 43220 614/459-2050	\$3,452,000	Jul-19	Nick Miller	Booster pump station improvements and waterline work.
Ashbaugh Road Culvert	City of Dublin 5200 Emerald Parkway Dublin, Ohio 43017 Contact: Ken Richardson 614/410-4631	EMH & T 5500 New Albany Road Columbus, Ohio 43054	\$423,983	Jul-19	Chris Thompson	Installation of a new 3-sided arch culvert and roadway improvements.
ODOT 184048 - Fairfield & Licking Counties	ODOT - Office of Contracts 1980 W. Broad Street Columbus, Ohio 43223	ODOT - District 5 9659 Jackson Road Thornville, Ohio 43076 Contact: Nasseem Ahmad 740/323-5248	\$465,989	Jul-19	Mike Killilea	Maintenance repairs on various bridges in Fairfield and Licking Counties.
West Side Health Center Parking Lot Expansion	The City of Columbus 90 W. Broad Street Columbus, Ohio 43215 Contact: Steve Alvarez 614/769-0365	Feinknopf Macioce Schappa Architects, Inc. 995 W. 3rd Avenue Columbus, Ohio 43212 Contact: Mike Papow 614/297-1020	\$532,070	Aug-19	Chris Thompson	Construction of a new paved parking lot with fences, lighting and gates access control, and selective repairs to the adjacent existing parking lot to the south.
ODOT 184023 - Ross County	ODOT - Office of Contracts 1980 W. Broad Street Columbus, Ohio 43223	ODOT - District 9 650 Eastern Avenue Chillicothe, Ohio 45801 Contact: Matthew C. McClellan 740/773-2691	\$1,633,892	Oct-19	Mike Killilea	Galvanized steel truss bridge replacement on new abutments and approach roadway work.
ODOT 194003 - Coshocton County	ODOT - Office of Contracts 1980 W. Broad Street Columbus, Ohio 43223	ODOT - District 5 9659 Jackson Road Thornville, Ohio 43076 Contact: Steve Miller 740/323-5244	\$1,158,131	Dec-19	Mike Killilea	Remove and replace bridge deck and abutments, pile encasements and minor resurfacing.
Lake Darby WWTP Aeration	Aqua Ohio 6650 South Avenue Boardman, Ohio 44512 Contact: Tom Schwing 614/882-6586	Engineering Resources, Inc. 11020 Diebold Road Fort Wayne, IN 46845 260/490-1025	\$432,120	Jan-20	Nick Miller	Installation of new aeration equipment and blower.
Blacklick WWTP - Tertiary Filter	Aqua Ohio 6650 South Avenue Boardman, Ohio 44512 Contact: Tom Schwing 614/882-6586	Engineering Resources, Inc. 11020 Diebold Road Fort Wayne, IN 46845 260/490-1025	\$354,400	Jan-20	Nick Miller	Conversion of WWTP effluent clarifier filter to Evoqua disc filter.
ODOT 180301 - Washington County	ODOT - Office of Contracts 1980 W. Broad Street Columbus, Ohio 43223	ODOT - District 10 338 Muskingum Drive Marietta, Ohio 45750 Contact: Blake Brown 740/568-3929	\$2,594,068	Jan-20	Mike Killilea	Multi-use river trail along Ohio River. Includes bridge over Duck Creek, retaining walls and protection fencing.
ODOT 190387 - Franklin County	ODOT - Office of Contracts 1980 W. Broad Street Columbus, Ohio 43223	Carpenter Marly Transportation 10816 Millington Court, Suite 104 Cincinnati, Ohio 45242 513/734-8542	\$576,570	Jan-20	Mike Killilea	Repair storm headwall and scour issues beneath CSX RR tracks using micropiles and tieback anchors.
5th and Forsythe - Shoring	Sub to: Conie Construction Co., Inc. Contact: Darroll Kurze 614/291-5931, x111 darroll@conie.com	E.P. Ferris & Associates, Inc. 880 King Avenue Columbus, Ohio 43212 614/299-2999	\$401,640	Feb-20	Mike Killilea	Design, furnish and install 476 LF of engineered soldier beam and lagging earth retention system.

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Project Name	Owner	Architect/Engineer	Contract Amount	Date Completed		
Oakhurst Knolls Pump Station	Franklin Co. Board of Commissioners 373 South High Street Columbus, Ohio 43215 Contact: Ryan Stowe (Sanitary Engineering Dept.) 614/525-4524	Burgess & Niple 5085 Reed Road Columbus, Ohio 43220 614/459-2050	\$2,303,737	Feb-20	Nick Miller	Conversion of existing WWTP to a new lift station and installation of new force main
City of Columbus Specialty Maintenance Crafts	City of Columbus, Dept. of Public Utilities 910 Dublin Road Columbus, Ohio 43215 Contact: Monica Powell 614/645-3089 MOPowell@columbus.gov	N/A	\$3,100,000	Apr-20	Nick Miller	Various work at wastewater treatment plants
Tank Overflow Modifications	City of Columbus, Dept. of Public Utilities 910 Dublin Road Columbus, Ohio 43215 Contact: Phil Schmidt 614/645-3175	Stantec 1500 Lake Shore Drive Suite 100 Columbus, OH 43204	\$859,000	Jun-20	Nick Miller	Overflow piping and sitework modifications to 8 water storage tanks. Includes tank mixers and ice guards.
Goodale Park Fountain Improvements	City of Columbus Department of Parks & Recreation 1111 E. Broad Street Columbus, Ohio 43205 Contact: Nick Sanna 614/645-8020 nsanna@columbus.gov	City of Columbus Department of Parks & Recreation 1111 E. Broad Street Columbus, Ohio 43205	\$293,560	Jun-20	Nick Miller	Renovate Goodale Park Fountain with new electrical, pumps, piping and buried equipment vault
Hayden Run Aerial Sewer	City of Columbus, Dept. of Public Utilities 910 Dublin Road Columbus, Ohio 43215 Contact: Grace McInerney gemcinerney@columbus.gov 614/645-8530	Korda 1650 Watermark Drive, Suite 200 Columbus, Ohio 43215 Contact: Brooks Vogel 614/4487-1050 brooks.vogel@korda.com	\$603,050	Jun-20	Nick Miller	Removal and replacement of 42" sanitary pipe and manholes
100 N. Front Street Elevator	The City of Columbus Dept. of Finance and Management 90 W. Broad Street Columbus, Ohio 43215 Contact: Drew Bobay 614/645-8339 avbobay@columbus.gov	MSA Design 14 E. Gay Street, Suite 605 Columbus, Ohio 43215	\$410,400	Oct-20	Nick Miller	Modernize one overhead traction seven stop elevator. Includes electrical, fire alarm, and architectural upgrades
Southerly Water Meter Vault	City of Columbus - DPU 910 Dublin Road Columbus, Ohio 43215 Contact: Tyler Schweinfurth 614/645-7758	Burgess & Niple 5085 Reed Road Columbus, Ohio 43220 614/459-2050	\$482,900	Oct-20	Nick Miller	Replacement of main plant water meter vault structure and backflow preventer
Dublin Tunnel Maintenance	City of Dublin 5200 Emerald Parkway Dublin, Ohio 43017 Contact: Ken Richardson 614/410-4631 krichardson@dublin.oh.us	American Structurepoint, Inc. 2550 Corporate Exchange Drive, Suite 300 Columbus, Ohio 43231	\$536,648	Oct-20	Chris Thompson	Replacement of pedestrian tunnel retaining walls, pipe and associated site work
Columbus Annual Citywide Bridge Contract 2019	City of Columbus, Dept. of Public Service 111 North Front Street Columbus, Ohio 43215 Contact: Jake Slechter 614/769-2614 jeslechter@columbus.gov	City of Columbus, Dept. of Public Service 111 North Front Street Columbus, Ohio 43215 Contact: Jake Slechter 614/769-2614 jeslechter@columbus.gov	\$2,329,510	May-21	Mike Killilea	This project involves rehabilitation of several bridges within the City of Columbus. The type of work will vary by bridge and may include, but is not limited to, concrete patching, waterproofing, lighting repairs, placement of scour countermeasures, channel cleanout, deck overlay, asphalt repairs, clearing and grubbing, bearing rehab and bridge painting.
Westerville Police Station - Shoring	Sub to: Pepper Construction Company 5185 Blazer Parkway, Suite 101 Dublin, Ohio 43017 Contact: Wesley Brown WBrown@pepperconstruction.com 614-257-9743	Brandstetter Carroll, Inc. 2360 Chauvin Drive Lexington, KY 40517 859/265-1933	\$356,470	May-21	Mike Killilea	Installation of beam and lagging shoring system with helical tiebacks adjacent to an existing structure.
Mohican Cable Pedestrian Bridge	ODNR - Division of Engineering 2045 Morse Road, Bldg E-3 Columbus, Ohio 43229 Contact: Ted Walsh 614/265-8410	Woolpert, Inc. One Easton Oval, Suite 400 Columbus, OH 43219	\$828,009	May-21	Mike Killilea	Design-Build contract for the design and construction of a Cable Pedestrian Bridge over the Clear Fork of the Mohican Scenic River.
1393 East Broad Street Elevator	City of Columbus, Dept. of Finance and Management 90 West Broad Street Columbus, Ohio 43215 Contact: Heather Brink 614/645-1472 hbrink@columbus.gov	Star Consultants 1910 Crown Park Court Columbus, Ohio 43235 Contact: Sam Pegg 614/538-8445	\$496,904	Aug-21		Elevator Modernization, installed two hydraulic elevators.
1120 Morse Road Elevator	City of Columbus, Dept. of Finance and Management 90 West Broad Street Columbus, Ohio 43215 Contact: Heather Brink 614/645-1472 hbrink@columbus.gov	Star Consultants 1910 Crown Park Court Columbus, Ohio 43235 Contact: Sam Pegg 614/538-8445	\$361,135	Aug-21		Elevator Modernization, installed one hydraulic elevator.
Rinehart Water Service Improvements	City of Columbus - DPU 910 Dublin Road Columbus, Ohio 43215	MS Consultants 2221 Schrock Road Columbus, Ohio 43229	\$308,892	9/16/21	Nick Miller	The work consists of installing a backflow preventer and water meter within new heated enclosure, installation of water service pipe and fittings, water service pipe abandonment and abandonment of existing meter and backflow equipment located inside building. The curb repair work includes resurfacing an existing catch basin and the installation of french drains, french drains, curb, sidewalk and pavement replacement.
Century Acres Pump Station	Franklin County Board of Commissioners 373 South High Street Columbus, Ohio 43215 Contact: Ryan Stowe 614/525-4524 rjstowe@franklincountyohio.gov	American Structurepoint, Inc. 2550 Corporate Exchange Drive, Suite 300 Columbus, Ohio 43231	\$1,653,641	2/28/22	Nick Miller	New pump station and force main. Includes the demolition and decommissioning of the existing and the construction and commissioning of the
Quarry Trails MP Pedestrian Bridges	Columbus and Franklin County Metropolitan Park District	Burgess & Niple 5085 Reed Road Columbus, Ohio 43220 614/459-2050	\$656,798	3/8/22	Chris Thompson	Construction of 2 pedestrian bridge substructures, installation of 3 pedestrian bridge superstructures, and pouring 3 pedestrian bridge substructures.

TOTAL  
Last Updated: 9/17/2021

\$72,068,224

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**CONSTRUCTION IN PROGRESS AND UNDER CONTRACT - The Righter Company, Inc.**

Project Name	Nature of Project	Owner / GC	Architect/Engineer	Contract Amount	Percent Complete	Balance to Finish	Scheduled Completion	Project Mgr.
<b>NON-ODOT PROJECTS</b>								
90 West Broad Street Elevator	Renovation of 3 existing elevators including electrical and mechanical work	City of Columbus, Dept. of Finance and Management 90 West Broad Street Columbus, Ohio 43215 Contact: Heather Brink 614/645-1472 hlbrink@columbus.gov	Star Consultants 1910 Crown Park Court Columbus, Ohio 43235 Contact: Sam Pegg 614/538-8445	\$1,512,265	99%	\$15,123	5/31/22	Nick Miller
Alum Creek Trail - Johnstown Road	The work consists of constructing a shared use path along multiple private properties, dedicated bike lanes along Johnstown Rd, and bike boulevards on Parkview Blvd. and 10th Ave for a project length of 1.3 miles. Work will also include modifying an existing shared use path bridge over Alum Creek. A stormwater retention basin will be constructed near the corner of Johnstown Rd and Kenilworth Rd.	City of Columbus Recreation & Parks Dept. 1111 E. Broad Street Columbus, Ohio 43215 Contact: Kelly Messer KINMesser@columbus.gov 614/645-3902	MS Consultants 2221 Schrock Road Columbus, Ohio 43229 614/898-7100	\$2,509,918	85%	\$376,488	8/31/22	Chris Thompson
Beightler Armory Elevator	Elevator modernization at the Adjutant Generals Department Ammory	Adjutant Generals Department 2825 W. Dublin-Granville Road Columbus, Ohio 43235 Contact: George McCann george.c.mccann.nfg@mail.mil 614/336-7413	Design Level Architecture 2690 W. Dublin-Granville Road Columbus, Ohio 43235 Contact: Tracy Kameoka 614/354-3021	\$322,850	56%	\$142,054	6/30/22	Nick Miller
Bremen Wastewater Treatment Plant Influent Screen	Construction of new inlet structure and influent screen for the Village of Bremen Wastewater Treatment Plant	Village of Bremen 9090 Marietta Street Bremen, OH 43107 Contact: Anthony Taylor	Hu Il 59 Grant St. Newark, OH 43055 740-344-5451	\$657,427	15%	\$558,813	7/31/22	Nick Miller
Canada Road Bridge Rehab	Removal and installation of new two span box beam superstructure.	Clinton County Commissioners 46 S. South Street Wilmington, OH 45177 Contact: Adam Fricke (937) 382-2078	Clinton County Engineer's Office 1326 Fife Avenue Wilmington, Ohio 45177 (937) 382-2078	\$321,582	0%	\$321,582	9/30/22	Chris Thompson
Columbus Fire Station 15 - Dewatering	Basement dewatering system for Columbus FS #15. Dewatering system includes dewatering well improvements, installation of a 2nd dewatering well, and a new monitoring well and a groundwater collection system.	City of Columbus Department of Finance and Maintenance 90 W. Broad Street Columbus, Ohio 43215 Contact: Mike Jones mjones@columbus.gov 614/946-8855	Burgess & Niple 5085 Reed Road Columbus, Ohio 43220 614/459-2050	\$493,826	82%	\$88,889	6/30/22	Nick Miller

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**CONSTRUCTION IN PROGRESS AND UNDER CONTRACT - The Righter Company, Inc.**

Project Name	Nature of Project	Owner / GC	Architect/Engineer	Contract Amount	Percent Complete	Balance to Finish	Scheduled Completion	Project Mgr.
Columbus Recreation and Parks General Repairs Service Contract RFQ18557	Agreement for on call construction services at Recreation and Park's facilities, various recreation parks, and centers throughout Columbus.	City of Columbus Recreation & Parks Dept. 1111 E. Broad Street Columbus, Ohio 43215 Contact: Stacy Kauffer SLKauffer@columbus.gov 614/645-6647	City of Columbus Recreation & Parks Dept. 1111 E. Broad Street Columbus, Ohio 43215 Contact: Stacy Kauffer SLKauffer@columbus.gov 614/645-6647	\$36,748	80%	\$7,350	4/30/22	Mike Killilea
Griggs Boat Launch Improvements	Removal and reconstruction of two concrete boat launch ramps along the east side of the Scioto River at Griggs Reservoir	City of Columbus Recreation & Parks Dept. 1111 E. Broad Street Columbus, Ohio 43215 Contact: Kelly Messer KMMesser@columbus.gov 614/645-3902	Burgess & Niple 5085 Reed Road Columbus, Ohio 43220 614/459-2050	\$1,152,072	87%	\$149,769	7/31/22	Chris Thompson
Lancaster CSO 1029 Modifications	Reconstruction of a combined sanitary and storm sewer vault	City of Lancaster Division of Engineering & Construction 800 Lawrence Street Lancaster, OH 43130	Arcadis 100 E. Campus View Blvd. Suite 230 Columbus, OH 43235	\$563,770	0%	\$563,770	9/30/22	Nick Miller
ODNR Muskingum Flush Latrine Replacement	Replace the existing vault latrine at the Beverly Boat Ramp with a new, relocated flush restroom. Project includes associated water and sewer work, along with boat ramp work, and an elevated platform for electrical work	Ohio Department of Natural Resources, Division of Engineering 2045 Morse Road E-3 Columbus, OH 43229 Contact: David Kirshner david.kirshner@dnr.ohio.gov 614-265-7080	ims consultants, inc. 2221 Schrock Road Columbus, OH 43229 Contact: Joshua Martin 614-898-7100 jmartin@msconsultants.com	\$366,193	58%	\$153,801	7/31/22	Nick Miller
OSU Gray No. 7 Bridge Rehabilitation	Removal and replacement of bridge deck, southern abutment, bridge vandal fencing, and approach pavement.	Barton Malow Builders 300 Spruce St. Columbus, OH 43215 Owner: OSU Athletics	Pannoni Associates, Inc. 5202 Bethel Reed Road Suite 200 Columbus, OH 43220 614-486-0401	\$309,896	40%	\$185,938	5/31/22	Mike Killilea
Smoky Row Booster Station	Installation of a sloped standing seam metal roof over top of a flat roof and parapet for an existing 1-story masonry and concrete building, ancillary HVAC improvements, a communications antenna and concrete foundation.	City of Columbus - DPU 910 Dublin Road Columbus, Ohio 43215 Contact: Erik Briedis 614/645-1726 EPBriedis@columbus.gov	MS Consultants 2221 Schrock Road Columbus, Ohio 43229 614/898-7100	\$377,700	68%	\$120,864	6/30/22	Nick Miller
Specialty Maintenance Crafts	Specialized construction repair and maintenance services for Department of Public Utilities Facilities	City of Columbus - DPU 910 Dublin Road Columbus, Ohio 43215 Contact: Monica Powell 614/645-3089 MOPowell@columbus.gov	City of Columbus, Dept. of Public Utilities 910 Dublin Road Columbus, Ohio 43215 Contact: Monica Powell 614/645-3089 MOPowell@columbus.gov	\$2,862,439	62%	\$1,087,727	12/31/22	Nick Miller

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**CONSTRUCTION IN PROGRESS AND UNDER CONTRACT - The Righter Company, Inc.**

Project Name	Nature of Project	Owner / GC	Architect/Engineer	Contract Amount	Percent Complete	Balance to Finish	Scheduled Completion	Project Mgr.
SWWTP Boiler System Improvements	Modifications to the HVAC system in the service building at the Southerly Wastewater Treatment Plant including HVAC upgrades, boiler system improvements, and associated electrical work.	City of Columbus-DOSD 1250 Fairwood Avenue Columbus, OH 43206 Contact: Tyler Schweinfurth (614) 645-7758 GTSchweinfurth@columbus.gov	Burgess & Niple 5085 Reed Road Columbus, Ohio 43220 614/459-2050	\$853,800	1%	\$845,262	3/31/22	Nick Miller
UDF Delaware	Culvert extension, drilled shafts, concrete wing walls, and concrete headwall	Reliable Construction Services 20 Innovation Ct. Dayton, OH 45414 614-519-4988	K4 Architecture Design 555 Gest Street Cincinnati, OH 45203 513-455-5000	\$388,975	77%	\$89,464	7/31/22	Mike Killilea
Greene Co. Pump Stations - Indian Ripple & Grange Hall		Board of Commissioners of Greene County, Ohio 35 Greene Street Xenia, OH 45385	Barge Design Solutions 1370 Vanguard Boulevard Miamisburg, OH 45342	\$1,649,000	0%	\$1,649,000	6/20/23	Nick Miller
<b>Total Uncompleted Contracts -- NON-ODOT</b>						<b>\$7,021,565</b>		
<b>ODOT Projects</b>								
ODOT 190624 - Pump Station	Refurbish stormwater pumping station to include pumps, motors, electrical system, sluice gates and building renovation	ODOT - Office of Contracts 1980 W. Broad Street Columbus, Ohio 43223 Contact: Dan Wise 740/833-8023	IBI Group 8101 North High Street, Suite 100 Columbus, Ohio 43235 614/818-4900	\$4,418,726	78%	\$972,120	12/31/22	Nick Miller
ODOT 210510 - Lynchburg Covered Bridge	Rehabilitate Lynchburg Covered Bridge including abutments, tuckpointing, timber trusses, siding, roofing, decking, and timber railing	ODOT - Office of Contracts 1980 W. Broad Street Columbus, Ohio 43223 Contact: Eric Smith 740/774-9026	Woolpert One Easton Oval, Suite 400 Columbus, Ohio 43219 614/475-6000	\$1,113,213	50%	\$556,606	12/31/22	Mike Killilea
ODOT 210603 - Gallia County	Rehabilitation of the historic Adamsville Bridge with minor roadway approach work.	ODOT - Office of Contracts 1980 W. Broad Street Columbus, Ohio 43223 Contact: TBD TBD	Woolpert One Easton Oval, Suite 400 Columbus, Ohio 43219 614/475-6000	\$1,781,715	3%	\$1,728,263	3/31/23	Mike Killilea
<b>Total Uncompleted Contracts -- ODOT</b>						<b>\$3,256,989</b>		
<b>TOTAL</b>						<b>\$10,278,554</b>		



Project Name	Owner	Architect/Engineer	Contract Amount	Project Manager	Description
230 E. Long - Shoring	Sub to: Seals Construction 10283 Busey Road Canal Winchester, OH 43310 Contact: Mark Manville 614/321-0171	Korda Nemeth Engineering 1650 Watermark Drive, Suite 200 Columbus, Ohio 43215	\$96,970	Mike Killilea	Steel beam and wood lagging earth retention system
Cargill - Base Stock Shoring	Sub to: J.R. Edwards Concrete 3100 Schenk Road Sidney, Ohio 45365 Contact: Michelle Robbbins 937/492-8309	Burns & McDonnell 530 W. Spring Street Columbus, Ohio 43215	\$73,750	Mike Killilea	Construction of beam and lagging shoring system
Neilston Parking Garage	Sub to: Thompson Concrete Construction P.O. Box 440 6182 Winchester Road Carroll, Ohio 43112 Contact: Zach Craiglow 614/604-4407 zach@thompsonconcrete.com	Lupton Rausch Architecture 430 South Front Street Columbus, Ohio 43215 614/224-9050	\$197,450	Chris Thompson	Beam and lagging temporary earth retention system with helical tiebacks
ODOT 190367 - Franklin County	ODOT - Office of Contracts 1980 W. Broad Street Columbus, Ohio 43223	Carpenter Marty Transportation 10816 Millington Court, Suite 104 Cincinnati, Ohio 45242 513/734-8542	\$576,570	Mike Killilea	Repair storm headwall and scour issues beneath CSX RR tracks, using micropiles and tieback anchors
5th and Forsythe - Shoring	Sub to: Conie Construction Co., Inc. Contact: Darroll Kunze 614/291-5931, x111 darrollk@conie.com	E.P. Ferris & Associates, Inc. 880 King Avenue Columbus, Ohio 43212 614/299-2999	\$401,640	Mike Killilea	Design, furnish and install 476 LF of engineered soldier beam and lagging earth retention system
ODOT 194026 - Fayette County	ODOT - Office of Contracts 1980 W. Broad Street Columbus, Ohio 43223 Contact: Nikki Bentley nikki.bentley@dot.ohio.gov 740/816-6930	CT Consultants 7965 N. High Street, Suite 340 Columbus, Ohio 43235 614/885-1700	\$1,459,212	Mike Killilea	Removal and replacement of the existing superstructure, the modification of the existing bridge abutments and piers and roadway approach work.

Columbus Annual Citywide Bridge Contract 2019	City of Columbus, Dept. of Public Service 111 North Front Street Columbus, Ohio 43215 Contact: Jake Slechter 614/769-2614 jeslechter@columbus.gov	City of Columbus, Dept. of Public Service 111 North Front Street Columbus, Ohio 43215 Contact: Jake Slechter 614/769-2614 jeslechter@columbus.gov	\$2,329,510	Mike Killilea	This project involves rehabilitation of several bridges within the City of Columbus. The type of work will vary by bridge and may include, but is not limited to, concrete patching, waterproofing, lighting repairs, placement of scour countermeasures, channel cleanout, deck overlay, asphalt repairs, clearing and grubbing, bearing rehab and bridge painting.
Luxe 88 - Shoring	Preferred Living 750 Communications Parkway Columbus, Ohio 43214	N/A	\$42,890	Mike Killilea	Design, furnish and install 100 wall linear feet of an engineered soldier beam and wood lagging earth retention system
91 Normandy Avenue - Shoring	Sub to: Duffy Construction Management, LLC 495 South High Street, Suite 270 Columbus, OH 43215-5689 Contact: Aaron Spencer 614/456-4910 aspencer@duffyhomes.com	Marano Design Group 495 S. High Street, Suite 310 Columbus, Ohio 43215 Contact: Thomas Marano Tom.Marano@MaranoDesignGroup.com	\$47,590	Jacobi Schmalenberger	Design, Furnish & Install 44 wall linear feet of an engineered soldier beam and wood lagging earth retention system
Westerville Police Station - Shoring	Sub to: Pepper Construction Company 5185 Blazer Parkway, Suite 101 Dublin, Ohio 43017 Contact: Wesley Brown WBrown@pepperconstruction.com 614-257-9743	Brandtetter Carroll, Inc. 2360 Chauvin Drive Lexington, KY 40517 859/268-1933	\$356,470	Mike Killilea	Installation of beam and lagging shoring system with helical tiebacks adjacent to an existing structure.



# Christopher R. Thompson, P.E.

## Professional Experience

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January 2008-Present                      The Righter Company, Inc.                      Columbus, OH  
Project Engineer

- Responsible for project estimating, management, and engineering of heavy and highway construction projects.
- Estimating duties include project site inspections, project plan and contract review, preliminary engineering designs, performing quantity takeoffs, acquiring material and subcontractor pricing, estimating labor and equipment requirements, and tracking and analyzing historical production rates.
- Engineering design include temporary bridge support structures, sheeting/lagging walls for excavation, permanent lagging walls, helical piers for retaining wall supports and foundations, concrete formwork.
- Management duties include review of shop drawings, submittals, preparation of pay requests, change orders, supervision of personnel, project scheduling and cost control.
- Represent company in meetings with owners, architects, and engineers relative to projects.
- Project owners include The Ohio State University, Ohio Department of Transportation, City of Columbus, National Park Service, Columbus & Franklin County Metro Parks, various Ohio counties & municipalities.

2006-2007                                      The Righter Company, Inc.                      Columbus, OH  
Project Engineer Intern

- Responsible for project estimating, management, and engineering assistance of heavy and highway construction projects.
- Estimating duties include project site inspections, project plan review, performing quantity takeoffs, acquiring material and subcontractor pricing, and analyzing historical production rates.
- Assistance in engineering designs include sheeting/lagging walls for excavation, helical piers for retaining wall supports and foundations, concrete formwork.
- Management duties include review of shop drawings, preparation of pay requests, change orders, supervision of personnel, project scheduling and cost control.
- Represent company in meetings with owners and engineers relative to projects.

## Education

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December, 2007                              The Ohio State University                      Columbus, OH

- Bachelor of Science in Civil Engineering.
  - Technical focus on Structures.

## Professional Registrations

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- Professional Engineer (PE) – State of Ohio
- Certified Professional in Erosion and Sediment Control (CPESC)

## Safety Training

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- OSHA – 30 hour training course in Construction Safety & Health.

Jerry D. McVey  
10062 Webb Road  
Logan, Ohio 43138  
614/272-9700

**Current Job Title:** Project Foreman

**Construction Operations Education/Training:** Forklift Safety, Manlift Safety, Rigging Safety, Trenching Safety, 10 and 30 hour OSHA, First Aid & CPR Certified

**Employment History:**  
1996 – 2013 The Righter Company  
Laborer– 1996 to 2002  
Operator– 2002 to 2013  
2013 – 2014 George J. Igel & Co., Inc. – Operator  
2014 - present The Righter Company – Project Foreman

**Recent Work Experience:** Date: 2021  
**Griggs Boat Launch Improvements**  
Job Location: Dublin, Ohio  
Owner: City of Columbus Recreation & Parks Department, 1111 E Broad Street, Columbus, Ohio 43215  
Contact: Kelly Messer – 614/645-3902  
Description: This project consisted of upgrades to two boat launch facilities along the east side of the Scioto River, at the Griggs Reservoir. The upgrades included removal and reconstruction of two concrete boat launch ramps at two locations, removal and replacement of the floating docks and parking improvement.  
List of duties performed: Daily on site, direct supervision of labor force. Select and procure equipment and supplies, maintain the project schedule, schedule and coordinate subcontractors

Date: 2019  
**Columbus Annual Citywide Bridge Contract**  
Job Location: Columbus, Ohio  
Owner: City of Columbus, Department of Public Service, 111 N Front Street, Columbus, Ohio 43215  
Contact: Jake Slechter – 614/769-2614  
Description: This project consisted of rehabilitation of several bridges within the City of Columbus.  
List of duties performed: Daily on site, direct supervision of labor force. Select and procure equipment and supplies, maintain the project schedule, schedule and coordinate subcontractors

Date: 2018

**Blacklick WWTP – Tertiary Filter**

Job Location: Blacklick, Ohio

Owner: AQUA Ohio, 6650 South Avenue, Boardman, Ohio 44512

Contact: Tom Schwing – 614/882-6586

Description: This project consisted of the conversion of the WWTP effluent clarifier filter to Evoqua disc filter.

List of duties performed: Daily on site, direct supervision of labor force. Select and procure equipment and supplies, maintain the project schedule, schedule and coordinate subcontractors

Date: 2018

**Ashbaugh Road Culvert**

Job Location: Dublin, Ohio

Owner: City of Dublin Engineering, 6555 Shier Rings Road, Dublin, Ohio 43016

Contact: Tim Root – 614/410-4740

Description: This project consisted of construction of foundations to install an arch conspan culvert.

List of duties performed: Daily on site, direct supervision of labor force. Select and procure equipment and supplies, maintain the project schedule, schedule and coordinate subcontractors

Date: 2018

**West Side Health Center Parking Lot Improvements**

Job Location: Columbus, Ohio

Owner: City of Columbus, Public Works, 90 W. Broad Street, Columbus, Ohio 43215

Contact: Steve Alvarez – 614/769-0365

Description: This project consisted of grading for concrete walks and ramps, installation of trash receptacle pad and masonry block walls.

List of duties performed: Daily on site, direct supervision of labor force. Select and procure equipment and supplies, maintain the project schedule, schedule and coordinate subcontractors

Date: 2017

**Dublin Tunnel Improvements**

Job Location: Dublin, Ohio

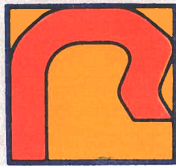
Owner: City of Dublin Engineering, 6555 Shier Rings Road, Dublin, Ohio 43016

Contact: Tim Root – 614/410-4740

Description: This project consisted of installation of drain pipe, catch basins and a piling retaining wall for miscellaneous tunnel improvements.

List of duties performed: Daily on site, direct supervision of labor force. Select and procure equipment and supplies, maintain the project schedule, schedule and coordinate subcontractors

References  
a, b, c.



# the righter co., inc.

**CONSTRUCTION SERVICES**  
2424 HARRISON RD. COLUMBUS, OHIO 43204-3508  
(614) 272-9700  
FAX (614) 274-3325

## CREDIT REFERENCES & CORPORATE INFORMATION

Corporation: Established in State of Ohio – August 19, 1976

Federal Tax ID No.: 31-0889208

Dun & Bradstreet No.: 07-055-2898

Officers: Michael D. Killilea, President  
Tracy L. Ferguson, Secretary/Treasurer  
Bradley R. Nadolson, Assistant Secretary

Bank: WesBanco Bank, Inc. Mr. Michael T. Misich  
2000 W. Henderson Road 614/904-7094 (Office)  
Suite 200 614/634-6941 (Cell)  
Columbus, Ohio 43220 mmsich@wesbanco.com

Surety: Overmyer Hall Associates Mr. Jack Kehl  
1600 W Lane Avenue, Suite #200 614/453-4400  
Columbus, Ohio 43221 614/326-0132 (Fax)  
(Ohio Farmers Insurance Company)

Trade References:

Anderson Concrete Corporation 614/443-0123  
P.O. Box 398 614/443-4001 (Fax)  
Columbus, Ohio 43215 Contact – Brian Greer  
bgreer@andersonconcrete.com

State Highway Supply, Inc. 614/799-9811  
P.O. Box 3098 614/799-9794 (Fax)  
Dublin, Ohio 43016 Contact – Mike Lowe  
mlowe@statehighwaysupply.com

Interior Supply, Inc. 614/441/9939  
515 Bonham Ave. 614/299/0946 (Fax)  
Columbus, Ohio 43211 Contact- Disney Bream  
dbream@interiorsupplyinc.com

Columbus Fasteners Corporation 614/486-6670  
1150 Chesapeake Ave. 614/486-2485 (Fax)  
Columbus, Ohio 43212 Contact- Tony Howard  
thoward@colfas.com

**BID GUARANTY AND CONTRACT BOND**  
**(O.R.C § 153.571)**

Know all persons by these presents, that we, the undersigned The Righter Co., Inc.  
(Contractor) as principal and Ohio Farmers Insurance Company as surety are hereby held and firmly bound unto the City of Gahanna, as obligee in the penal sum of the dollar amount of the bid submitted by the principal to the obligee on July 29, 2022, to undertake the Cherry Bottom Road Stabilization ST-1079 (Project).

The penal sum referred to herein shall be the dollar amount of the principal's bid to the obligee, incorporating any additive or deductive alternates made by the principal on the date referred to above to the obligee, which are accepted by the obligee. In no case shall the penal sum exceed the amount of \_\_\_\_\_ dollars (\$\_\_\_\_\_).

(If the foregoing blank is not filled in, the penal sum will be the full amount of the principal's bid, including add alternates. Alternatively, if the blank is filled in the amount stated must not be less than the full amount of the bid including add alternates, in dollars and cents. A percentage is not acceptable.) For the payment of the penal sum well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors, and assigns.

Signed this 29th day of July, 2022.

The condition of the above obligations is such that whereas the above named principal has submitted a bid for work on the Contract.

Now, therefore, if the obligee accepts the bid of the principal and the principal fails to enter into a proper contract in accordance with the bid, plans, details, specifications and bills of material; and in the event the principal pays to the obligee the difference not to exceed ten percent (10%) of the penalty hereof between the amount specified in the bid and such larger amount for which the obligee may in good faith contract with the next lowest bidder to perform the work covered by the bid; or in the event the obligee does not award the contract to the next lowest bidder and resubmits the contract for bidding, the principal pays to the obligee the difference not-to-exceed ten percent (10%) of the penalty hereof between the amount specified in the bid, or the costs, in connection with the resubmission, of printing new contract documents, required advertising, and printing and mailing notices to prospective bidders, whichever is less, then this obligation shall be null and void, otherwise to remain in full force and effect; if the obligee accepts the bid of the principal and the principal within ten (10) days after the awarding of the contract enters into a proper contract in accordance with the bid, plans, details, specifications and bills of material, which said contract is made a part of this bond the same as though set forth herein.

Now also, if the said principal shall well and faithfully do and perform the things agreed by said principal to be done and performed according to the terms of said contract; and shall pay all lawful claims of subcontractors, materialmen, and laborers, for labor performed and materials furnished in the carrying forward, performing, or completing of said contract; we agreeing and assenting that this undertaking shall be for the benefit of any materialman or laborer having a just claim, as well as for the obligee herein; then this obligation shall be void; otherwise the same shall remain in full force and effect; and surety shall indemnify the obligee against all damage suffered by failure of the principal to perform the contract according to its provisions and in accordance with the plans, details, specifications and bills of material therefor and to pay all lawful claims of subcontractors, materialmen, and laborers for labor performed or material furnished in carrying forward, performing, or completing the contract and surety further agrees and assents that this undertaking is for the benefit of any subcontractor, materialman, or laborer having a



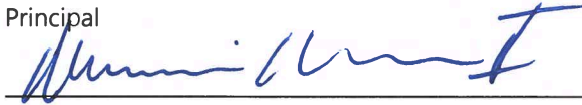
just claim, as well as for the obligee; it being expressly understood and agreed that the liability of the surety for any and all claims hereunder shall in no event exceed the penal amount of this obligation as herein stated.

The said surety hereby stipulates and agrees that no modifications, omissions, or additions in or to the terms of the said contract or in or to the plans or specifications therefore shall in any wise affect the obligations of said surety on its bond, and does hereby waive notice of any such modifications, omissions or additions to the terms of the contract or to the work or to the specifications.

Signed and sealed this 29th day of July, 2022.

The Righter Co., Inc.

Principal



Signature

Michael D. Killilea, II, President

Printed Name and Title

Ohio Farmers Insurance Company

Surety

Signature

Stephanie M. White, Attorney-In-Fact

Printed Name and Title

P.O. Box 5001, Westfield Center, OH 44251-5001

Surety's Address

800-243-0210

Surety's Telephone Number

614-436-7549

Surety's Fax Number

Overmyer Hall Associates

Surety's Agent

1600 West Lane Avenue, Suite 200, Columbus, OH 43221

Surety Agent's Address

614-453-4400

Surety Agent's Telephone Number

614-326-0132

Surety Agent's Fax Number

General  
Power  
of Attorney

POWER NO. 3406282 10

**Westfield Insurance Co.  
Westfield National Insurance Co.  
Ohio Farmers Insurance Co.**  
Westfield Center, Ohio

CERTIFIED COPY

Know All Men by These Presents, That WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY, corporations, hereinafter referred to individually as a "Company" and collectively as "Companies," duly organized and existing under the laws of the State of Ohio, and having its principal office in Westfield Center, Medina County, Ohio, do by these presents make, constitute and appoint GREGORY R. OVERMYER, AMY M. PERDUE, JACK KEHL, STEPHANIE M. WHITE, DAVID CATANESE, JOINTLY OR SEVERALLY

of COLUMBUS and State of OH its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings, or other instruments or contracts of suretyship.

**LIMITATION: THIS POWER OF ATTORNEY CANNOT BE USED TO EXECUTE NOTE GUARANTEE, MORTGAGE DEFICIENCY, MORTGAGE GUARANTEE, OR BANK DEPOSITORY BONDS.**

and to bind any of the Companies thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the applicable Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolution adopted by the Board of Directors of each of the WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY:

"Be It Resolved, that the President, any Senior Executive, any Secretary or any Fidelity & Surety Operations Executive or other Executive shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

The Attorney-in-Fact may be given full power and authority for and in the name of and on behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements of indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be as binding upon the Company as if signed by the President and sealed and attested by the Corporate Secretary."

"Be it Further Resolved, that the signature of any such designated person and the seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signatures or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached." (Each adopted at a meeting held on February 8, 2000).

In Witness Whereof, WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY have caused these presents to be signed by their National Surety Leader and Senior Executive and their corporate seals to be hereto affixed this 02nd day of JANUARY A.D., 2020.

Corporate  
Seals  
Affixed



WESTFIELD INSURANCE COMPANY  
WESTFIELD NATIONAL INSURANCE COMPANY  
OHIO FARMERS INSURANCE COMPANY

By:   
Gary W. Stumper, National Surety Leader and Senior Executive

State of Ohio  
County of Medina      SS: \_\_\_\_\_

On this 02nd day of JANUARY A.D., 2020, before me personally came Gary W. Stumper to me known, who, being by me duly sworn, did depose and say, that he resides in Hartford, CT; that he is National Surety Leader and Senior Executive of WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY, the companies described in and which executed the above instrument; that he knows the seals of said Companies; that the seals affixed to said instrument are such corporate seals; that they were so affixed by order of the Boards of Directors of said Companies; and that he signed his name thereto by like order.

Notarial  
Seal  
Affixed



David A. Kotnik, Attorney at Law, Notary Public  
My Commission Does Not Expire (Sec. 147.03 Ohio Revised Code)

State of Ohio  
County of Medina      SS: \_\_\_\_\_

I, Frank A. Carrino, Secretary of WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Companies, which is still in full force and effect; and furthermore, the resolutions of the Boards of Directors, set out in the Power of Attorney are in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the seals of said Companies at Westfield Center, Ohio, this 29th day of July A.D., 2022



Frank A. Carrino, Secretary

**Financial  
Statement**

**Ohio Farmers Insurance Co.**  
Westfield Center, Ohio 44251-5001

December 31, 2021

**OHIO FARMERS INSURANCE COMPANY  
BALANCE SHEET  
12/31/21  
(in thousands)**

<b>Assets</b>	
Cash, cash equivalents, and short term investments	25,344
Bonds	453,903
Stocks	123,289
Subsidiaries	2,673,207
Real estate	176,269
Premiums receivable	122,758
Other assets	174,317
	3,749,087
<b>Total assets</b>	
<b>Liabilities</b>	
Reserve for unearned premiums	182,535
Reserve for unpaid losses and loss expenses	343,799
Reserve for taxes and other liabilities	189,599
	715,933
<b>Total liabilities</b>	
<b>Surplus</b>	
Surplus to policyholders	3,033,154
	3,033,154
<b>Total surplus</b>	
<b>Total liabilities and surplus</b>	3,749,087

State of Ohio

ss:

County of Medina

The undersigned, being duly sworn, says: That he is National Surety Leader - Surety Operations of Ohio Farmers Insurance Company, Westfield Center, Ohio; that said Company is a corporation duly organized, existing and engaged in business as a Surety Company by virtue of the Laws of the State of Ohio and authorized to do business in the State of .....Ohio..... and has duly complied with all the requirements of the laws of said State applicable to said Company and is duly qualified to act as Surety under such laws; that said Company has also complied with and is duly qualified to act as Surety under the Act of Congress approved July 1947, 6 U.S.C. sec. 6-13; and that to the best of his knowledge and belief the above statement is a full, true, and correct statement of the financial condition of the said Company on the 31st day of December, 2021.

Attest:

*Frank Carrino*

Frank A. Carrino  
Group Legal Leader, Secretary

*Gary W. Stumper*

Gary W. Stumper  
National Surety Leader  
Senior Executive



Sworn to before me this 9<sup>th</sup> day of February A.D. 2022.

My Commission Does Not Expire  
Sec. 147.03 Ohio Revised Code

*David A. Kotnik*

David A. Kotnik  
Attorney at Law  
Notary Public – State of Ohio



Office of Risk Assessment  
50 West Town Street  
Third Floor - Suite 300  
Columbus, Ohio 43215  
(614)644-2658  
Fax(614)644-3256  
www.insurance.ohio.gov

**Ohio Department of Insurance**

Mike DeWine - Governor  
Judith French - Director



**Certificate of Compliance**

Issued 06/07/2022  
Effective 07/01/2022  
Expires 06/30/2023

I, Judith French, hereby certify that I am the Director of Insurance in the State of Ohio and have supervision of insurance business in said State and as such I hereby certify that

**OHIO FARMERS INSURANCE COMPANY**

of Ohio is duly organized under the laws of this State and is authorized to transact the business of insurance under the following section(s) of the Ohio Revised Code:

**Section 3929.01 (A)**

- |                                   |  |
|-----------------------------------|--|
| Accident & Health                 | Inland Marine                            |
| Aircraft                          | Medical Malpractice                      |
| Allied Lines                      | Multiple Peril - Commercial              |
| Boiler & Machinery                | Multiple Peril - Farmowners              |
| Burglary & Theft                  | Multiple Peril - Homeowners              |
| Collectively Renewable A & H      | Noncancellable A & H                     |
| Commercial Auto - Liability       | Nonrenew-Statd Reasons (A&H)             |
| Commercial Auto - No Fault        | Ocean Marine                             |
| Commercial Auto - Physical Damage | Other Accident only                      |
| Credit Accident & Health          | Other Liability                          |
| Earthquake                        | Private Passenger Auto - Liability       |
| Fidelity                          | Private Passenger Auto - No Fault        |
| Financial Guaranty                | Private Passenger Auto - Physical Damage |
| Fire                              | Surety                                   |
| Glass                             | Workers Compensation                     |
| Group Accident & Health           |  |
| Guaranteed Renewable A & H        |  |

OHIO FARMERS INSURANCE COMPANY certified in its annual statement to this Department as of December 31,2021 that it has admitted assets in the amount of \$3,749,086,727, liabilities in the amount of \$715,932,968, and surplus of at least \$3,033,153,759.

IN WITNESS WHEREOF, I have hereunto subscribed my name and caused my seal to be affixed at Columbus, Ohio, this day and date.

*Judith L. French*

Judith French, Director



# **APPENDIX D**

---

**Cherry Bottom Road Stabilization  
Plans, Geotechnical Report, & 2017  
Signed 401 WQC NWP**

P:\CGA\MP\0001\_Cherry Bottom Survey\205464\Design\Roadway\Sheets\205464-GT001.dgn Sheet 11/24/2021 9:53:11 AM CMT008



**LOCATION MAP**

LATITUDE: 40°02'30" LONGITUDE: 82°52'40"

SCALE IN MILES



PORTION TO BE IMPROVED	=====
INTERSTATE HIGHWAY	=====
FEDERAL ROUTES	=====
STATE ROUTES	=====
COUNTY & TOWNSHIP ROADS	=====
OTHER ROADS	=====

**DESIGN DESIGNATION**

CURRENT ADT (2022)	4880
DESIGN YEAR ADT (2042)	5860
DESIGN HOURLY VOLUME (2042)	586
DIRECTIONAL DISTRIBUTION	60%
TRUCKS (24 HOUR B&C)	2%
DESIGN SPEED	25 MPH
LEGAL SPEED	25 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
URBAN MAJOR COLLECTOR	
NHS PROJECT	NO

**DESIGN EXCEPTIONS**

NONE REQUIRED

**UNDERGROUND UTILITIES**  
 Contact Two Working Days Before You Dig  
  
 OHIO811, 8-1-1, or 1-800-362-2764 (Non-members must be called directly)

PLAN PREPARED BY:  
**CARPENTER MARTY** transportation  
 8612 SINGLETREE DRIVE COLUMBUS, OH 43229  
 614.656.2424 WWW.CMTRAN.COM

GEOTECHNICAL ENGINEER'S SEAL:  
  
 SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_  
 ROADWAY ENGINEERS SEAL:  
  
 SIGNED: Tony W. Grieshop DATE: 11/24/2021

CITY OF GAHANNA  
 FRANKLIN COUNTY, OHIO

**CHERRY BOTTOM RD.**

**SLOPE STABILIZATION ST-1079**

**INDEX OF SHEETS:**

TITLE SHEET	1
TYPICAL SECTIONS	2
GENERAL NOTES	3-4
MAINTENANCE OF TRAFFIC	5-7
GENERAL SUMMARY	8
PLAN AND PROFILE - NORTH SITE	9
CROSS SECTIONS - NORTH SITE	10-12
PLAN AND PROFILE - SOUTH SITE	13
CROSS SECTIONS - SOUTH SITE	14-16

**PROJECT DESCRIPTION**

PERFORM SLOPE STABILIZATION AT 2 LOCATIONS ON CHERRY BOTTOM ROAD BY CONSTRUCTING A 116' SHEET PILE WALL AND A 146' SHEET PILE WALL.

**EARTH DISTURBED AREAS**

PROJECT EARTH DISTURBED AREA: 0.2 ACRES  
 ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.2 ACRES  
 NOTICE OF INTENT EARTH DISTURBED AREA: N/A (NOI NOT REQUIRED)

**2019 SPECIFICATIONS**

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

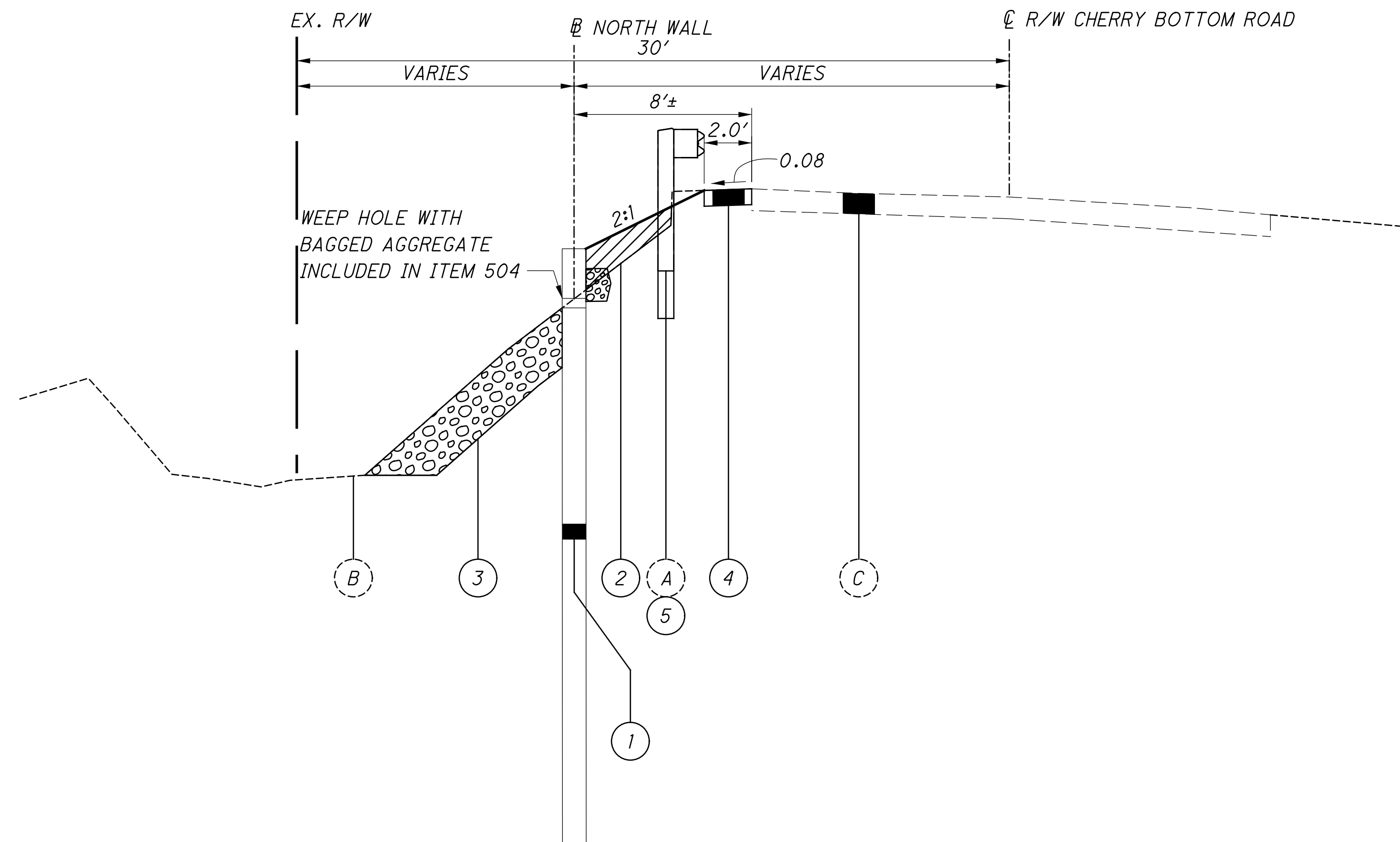
**CITY OF GAHANNA**

THE CITY OF GAHANNA SIGNATURES ON THIS PLAN SIGNIFY ONLY CONCURRENCE WITH THE GENERAL PURPOSE OF THE PROPOSED IMPROVEMENT.

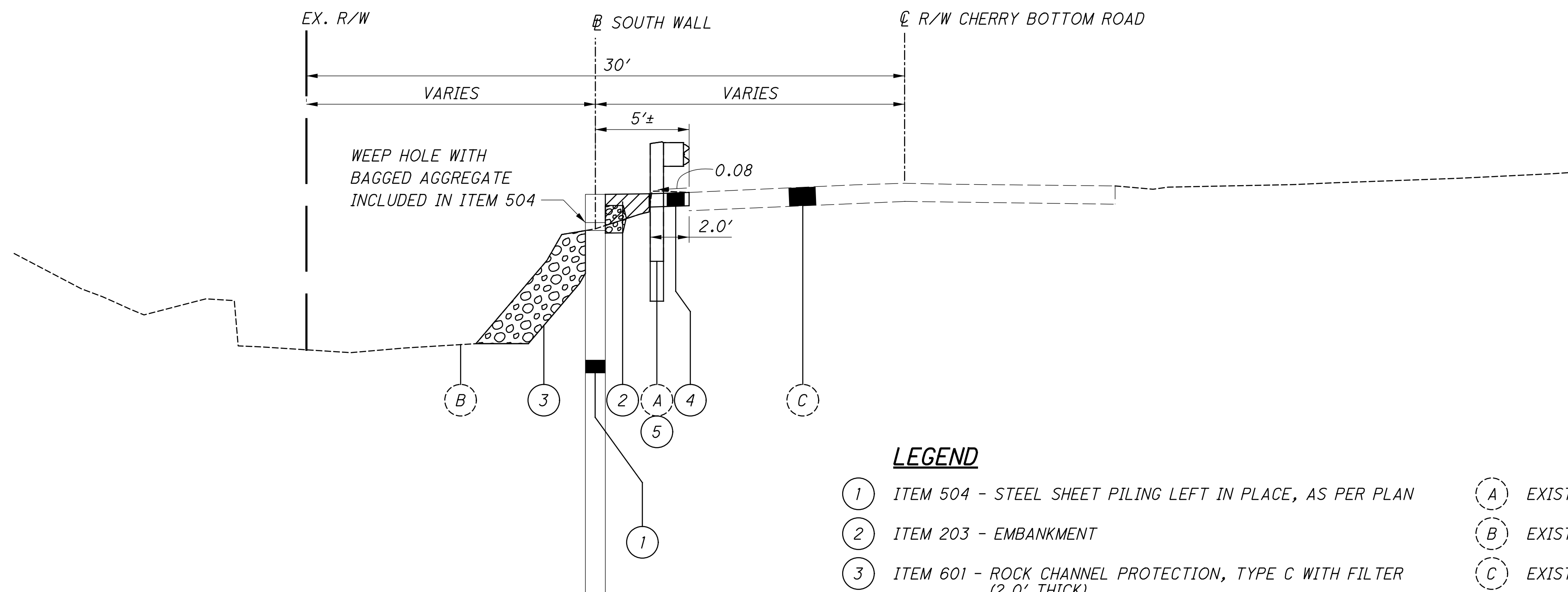
STANDARD CONSTRUCTION DRAWINGS		SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
MGS-1.1	7/16/21	800 10/15/21	
MGS-2.1	1/19/18	832 10/19/18	
MT-97.10	4/19/19		
MT-101.60	1/17/20		
MT-105.10	1/17/20		

MAYOR 2.17.22 DATE  
  
 FINANCE DIRECTOR 2/18/22 DATE  
  
 CITY ENGINEER 2/17/22 DATE  
  
 DIRECTOR OF PUBLIC SERVICE AND ENGINEERING 2/17/22 DATE  
  
 WATER RESOURCE ENGINEER 2/17/22 DATE

FEDERAL PROJECT NO.  
 PID NO.  
 CONSTRUCTION PROJECT NO.  
 RAILROAD INVOLVEMENT **NONE**  
 CHERRY BOTTOM RD. SLOPE STABILIZATION ST-1079  
 1/16



**PROPOSED - NORTH SITE**  
STA. 0+50.00 TO STA. 1+66.00



**PROPOSED - SOUTH SITE**  
STA. 0+50.00 TO STA. 1+96.00

**LEGEND**

- |   |   |   |                         |
|---|---|---|-------------------------|
| ① | ITEM 504 - STEEL SHEET PILING LEFT IN PLACE, AS PER PLAN            | Ⓐ | EXISTING GUARDRAIL      |
| ② | ITEM 203 - EMBANKMENT   | Ⓑ | EXISTING GROUND SURFACE |
| ③ | ITEM 601 - ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (2.0' THICK) | Ⓒ | EXISTING PAVEMENT       |
| ④ | ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE                          |   |                         |
| ⑤ | ITEM 606 - GUARDRAIL, TYPE MGS WITH LONG POSTS                      |   |                         |

**GENERAL NOTES**

THE CURRENT OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS) TOGETHER WITH THE REQUIREMENTS OF THE CITY OF GAHANNA, OHIO, SHALL GOVERN MATERIALS AND WORKMANSHIP INVOLVED IN IMPROVEMENTS SHOWN ON THESE PLANS, EXCEPT THOSE SPECIFICATIONS MODIFIED BY THE FOLLOWING SPECIFICATIONS OR CONSTRUCTION DETAILS SET FORTH HEREIN.

ALL WORK IS TO BE ACCEPTABLE TO CITY OF GAHANNA OFFICIALS. NO WORK IS TO COMMENCE UNTIL ARRANGEMENTS HAVE BEEN MADE WITH THE CITY OF GAHANNA ENGINEER FOR INSPECTION.

THE CONTRACTOR SHALL NOTIFY THE CITY OF GAHANNA ENGINEER AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

ALL PERTINENT STANDARD CONSTRUCTION DRAWINGS ARE AVAILABLE UPON REQUEST AT THE OFFICE OF THE CITY OF GAHANNA ENGINEER.

THE CONTRACTOR IS TO SCHEDULE A PRE-CONSTRUCTION MEETING ONE BUSINESS WEEK PRIOR TO CONSTRUCTION. THE MEETING SHALL TAKE PLACE AT LEAST ONE BUSINESS WEEK PRIOR TO THE FOLLOWING: SITE CLEARING, MATERIAL DELIVERED ON-SITE, EQUIPMENT ON-SITE AND FIELD OFFICE ON-SITE.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS INCLUDING THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970. THE CONTRACTOR SHALL EXERCISE PRECAUTION ALWAYS FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT SHALL ALSO BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, INCLUDING THE REQUIREMENTS FOR CONFINED SPACES PER 29 CFR 1910.146.

THE PRICE(S) QUOTED SHALL INCLUDE ALL ITEMS OF LABOR, MATERIALS, TOOLS, EQUIPMENT, INSURANCE AND OTHER COSTS NECESSARY TO FULLY COMPLETE THE WORK PURSUANT TO THE CONTRACT DOCUMENTS. IT IS THE INTENTION OF THE CONTRACT DOCUMENTS TO PROVIDE AND REQUIRE A COMPLETED WORK PROJECT READY FOR OPERATION. ANY WORK ITEMS OMITTED FROM SUCH CONTRACT DOCUMENTS WHICH ARE CLEARLY NECESSARY FOR THE COMPLETION OF SUCH WORK AND ITS APPURTENANCES SHALL BE CONSIDERED A PART OF SUCH WORK ALTHOUGH NOT DIRECTLY SPECIFIED OR CALLED FOR IN THE CONTRACT DOCUMENTS.

ALL FIELD TILE BROKEN DURING EXCAVATION SHALL BE REPLACED WITH PERFORATED PIPE OR CONNECTED TO THE STORM SEWER SYSTEM. THE COST FOR THIS WORK SHALL BE INCLUDED IN PRICE BID FOR THE VARIOUS RELATED ITEMS.

NO NATURAL DRAINAGE COURSES SHALL BE ALTERED AND NO FILL, MATERIALS OR STRUCTURES SHALL BE PLACED IN IT UNLESS PROVISIONS ARE MADE FOR THE FLOW OF WATER IN A MANNER SATISFACTORY TO THE CITY ENGINEER. AN EASEMENT SHALL BE PROVIDED ON BOTH SIDES OF ANY EXISTING IMPORTANT SURFACE DRAINAGE COURSE ADEQUATE FOR THE PURPOSE OF PROTECTING, WIDENING, DEEPENING, ENCLOSING OR OTHERWISE IMPROVING SUCH STREAM FOR DRAINAGE PURPOSES.

DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE AND PROPER SOIL EROSION CONTROL MEASURES FOR PROTECTION OF ALL ADJACENT ROADS AND LANDS.

THE CONTRACTOR SHALL REPAIR OR REPLACE ANY OR ALL EXISTING SIGNS, SHRUBS, FENCES, OR OTHER PHYSICAL FEATURES DAMAGED DURING THE EXECUTION OF THIS CONTRACT AT THEIR OWN EXPENSE. ALL REPAIRS SHALL BE TO THE SATISFACTION OF THE CITY OF GAHANNA.

THE CONTRACTOR SHALL CONFINE ACTIVITIES TO THE PROJECT SITE, EXISTING RIGHT-OF-WAYS, TEMPORARY EASEMENTS AND PERMANENT EASEMENTS, AND SHALL NOT ENTER UPON OTHER PROPERTIES WITHOUT WRITTEN PERMISSION OF THE PROPERTY OWNER.

DUST CONTROL SHALL BE MAINTAINED THROUGHOUT THE ENTIRE SITE.

THE CONTRACTOR SHALL CLEAN ADJACENT STREETS ON A DAILY BASIS IF MUD IS TRACKED FROM VEHICLES VISITING THE SITE.

SHOULD WATER BE ENCOUNTERED, THE CONTRACTOR SHALL FURNISH AND OPERATE SUITABLE PUMPING EQUIPMENT OF SUCH CAPACITY ADEQUATE TO DEWATER THE TRENCH. THE TRENCH SHALL BE SUFFICIENTLY DEWATERED SO THAT THE PLACEMENT OF BEDDING AND LAYING AND JOINING OF THE PIPE IS MADE IN A TRENCH FREE OF STANDING WATER. THE CONTRACTOR SHALL CONVEY ALL TRENCH WATER TO A NATURAL DRAINAGE CHANNEL OR STORM SEWER WITHOUT CAUSING ANY PROPERTY DAMAGE. THE COST FOR DEWATERING ACTIVITIES SHALL BE INCLUDED IN PRICE BID FOR THE VARIOUS RELATED ITEMS.

THE CONTRACTOR IS ULTIMATELY RESPONSIBLE TO ENSURE CONSTRUCTION TO PLAN GRADE. THE CONTRACTOR SHALL ENSURE THERE IS A SURVEYOR'S LEVEL AND ROD ON THE PROJECT FOR USE IN PERFORMING GRADE CHECKS WHENEVER SEWER LINE STRUCTURES OR PIPES ARE BEING INSTALLED. THE CONTRACTOR SHALL MAKE THIS EQUIPMENT AVAILABLE FOR USE AND ASSIST THE CITY INSPECTOR IN PERFORMING GRADE CHECKS WHEN REQUESTED BY THE INSPECTOR. THE INSPECTOR WILL MAKE ALL REASONABLE ATTEMPTS TO CONFINE REQUESTS FOR ASSISTANCE IN PERFORMING GRADE CHECKS TO TIMES CONVENIENT TO THE CONTRACTOR. THESE CHECKS WILL BE PERFORMED TO ENSURE THAT CONSTRUCTION MATCHES PLAN GRADE, AND TO ENSURE THAT ALL EXISTING INVERTS ALONG WITH THE PROPOSED TOP OF CASTING ELEVATIONS ARE VERIFIED DURING CONSTRUCTION OF THE SEWER.

THE CONTRACTOR SHALL REFERENCE ALL IRON PINS OR MONUMENTS. IF ANY PINS OR MONUMENTS ARE DESTROYED OR DAMAGED BY THE CONTRACTOR, THEY SHALL BE ACCURATELY REPLACED BY A REGISTERED SURVEYOR IN THE STATE OF OHIO AT THE COMPLETION OF THE PROJECT.

VERTICAL CONTROL HAS BEEN ESTABLISHED FOR THE PROJECT AS SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SURVEYS TO COMPLETE THE PROJECT INCLUDING REESTABLISHMENT OF CONTROL POINTS, PROJECT LAYOUT AND STAKING OF EASEMENTS.

NO NON-RUBBER TIERED VEHICLES SHALL BE MOVED ON CITY STREETS, EXISTING PRIVATE ROADWAYS, OR PARKING LOTS UNLESS WRITTEN APPROVAL IS GRANTED BY THE APPROPRIATE CITY AUTHORITY OR PROPERTY OWNER. ANY DAMAGE MUST BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY OF GAHANNA AT NO COST TO THE CITY OR PROPERTY OWNER.

ANY MODIFICATION TO THE WORK AS SHOWN ON THESE DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE CITY OF GAHANNA.

THE CONTRACTOR SHALL MAKE HIS OWN PROVISIONS TO PROVIDE A SITE STAGING AREA AND JOB TRAILER (IF REQUIRED) FOR THE PROJECT IMPROVEMENTS.

ORANGE CONSTRUCTION FENCING SHALL BE PLACED AROUND THE EXISTING TREES TO BE SAVED AND REMAIN IN PLACE DURING THE DEVELOPMENT CONSTRUCTION. THE LOCATION AND LIMITS OF THE FENCING AND ANY CLEARING NECESSARY SHALL BE AS PER THE APPROVED PLANS.

INCONVENIENCE TO THE ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC SHALL BE KEPT TO AN ABSOLUTE MINIMUM. ALL WORK IS TO CONTINUE ON A UNIFORM BASIS AND ON SCHEDULE, PARTICULARLY THE RESTORATION AND CLEAN UP OF DISTURBED AREAS AFTER CONSTRUCTION.

THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT SOIL TRANSPORT DURING CONSTRUCTION ONTO PUBLIC ROADS. THE CONTRACTOR SHALL CLEAN AND SWEEP STREETS AS DIRECTED BY THE CITY. THE COST FOR STREET SWEEPING AND CLEANING IS TO BE INCLUDED IN THE PRICE BID UNDER VARIOUS ITEMS.

THE COST OF RELOCATING AND/OR SECURING ANY POWER POLES AS NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS OF THE CONTRACT.

ANY REQUIRED RELOCATION, SUPPORT, PROTECTION, RESTORATION, OR ANY OTHER ACTIVITY CONCERNED WITH THE CITY'S ELECTRICAL OR STREET LIGHTING SYSTEMS IN THE CONSTRUCTION AREA IS TO BE PERFORMED SOLELY BY THE CITY AT THE EXPENSE OF THE PROJECT. THE CITY SHALL BE NOTIFIED PRIOR TO CONSTRUCTION TO ALLOW FOR ENGINEERING AND RELOCATION OF FACILITIES.

IF ANY ELECTRIC FACILITY BELONGING TO THE CITY IS DAMAGED IN ANY MANNER BY THE CONTRACTOR, ITS AGENTS, SERVANTS, OR EMPLOYEES, THE CITY SHALL MAKE ALL NECESSARY REPAIRS, AND THE EXPENSE OF SUCH REPAIRS AND OTHER RELATED COSTS SHALL BE PAID BY THE CONTRACTOR TO THE CITY.

**UTILITIES**

THE CONTRACTOR SHALL GIVE NOTICE TO THE OHIO UTILITIES PROTECTION SERVICE (PHONE 1-800-362-2764) AND TO THE OWNERS OF THE UTILITY FACILITIES SHOWN ON THE PLAN WHO ARE NOT MEMBERS OF A REGISTERED UTILITY PROTECTION SERVICE. THE ABOVE-MENTIONED NOTICE SHALL BE GIVEN AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.

THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES WHETHER SHOWN ON THESE PLANS OR NOT. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS RELATED ITEMS. THE CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECTS ON THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL GIVE NOTICE TO OUPS AND OTHER UTILITY OWNERS PER THE GENERAL NOTES.

WHERE POTENTIAL GRADE CONFLICTS MIGHT OCCUR WITH EXISTING UTILITIES, THE CONTRACTOR SHALL EXPOSE AND VERIFY THE DEPTH OF THE EXISTING UTILITY IN ADVANCE OF THE PROPOSED CONSTRUCTION.

THE IDENTITY AND LOCATIONS OF EXISTING UNDERGROUND UTILITIES IN THE CONSTRUCTION AREA HAVE BEEN SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS AS ACCURATELY AS PROVIDED BY THE UTILITY OWNER. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR DEPTHS OF UNDERGROUND FACILITIES SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. IF DAMAGE IS CAUSED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF THE SAME AND FOR ANY RESULTING CONTINGENT DAMAGE.

THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT AND ARE REGISTERED MEMBERS OF THE UNDERGROUND UTILITY PROTECTION SERVICE:

WATER:  
CITY OF GAHANNA, WATER DIVISION  
200 S. HAMILTON ROAD  
GAHANNA, OH 43230  
OFFICE: (614) 342-4440

SEWER:  
CITY OF GAHANNA, SEWER DIVISION  
200 S. HAMILTON ROAD  
GAHANNA, OH 43230  
OFFICE: (614) 342-4440

ELECTRIC:  
AMERICAN ELECTRIC POWER  
850 TECH CENTER DRIVE  
GAHANNA, OH 43230  
OFFICE: (614) 883-6811

GAS:  
COLUMBIA GAS OF OHIO (DISTRIBUTION)  
3550 JOHNNY APPELSEED COURT  
COLUMBUS, OH 43231  
ATTN: ROB CALDWELL  
OFFICE: (614) 818-2104  
EMAIL: RCALDWELL@NISOURCE.COM

TELEPHONE:  
AT&T  
150 E. GAY STREET  
COLUMBUS, OHIO 43212  
OFFICE: (800) 660-1000

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

**WORK LIMITS**

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

**CONSTRUCTION LAYDOWN**

CONSTRUCTION LAYDOWN YARD IS PERMITTED TO OCCUR IN ACADEMY PARK PARKING LOT AT AREA DESIGNATED BY CITY OF GAHANNA. CITY OF GAHANNA IS NOT RESPONSIBLE FOR LOST OR STOLEN ITEMS IN THE CONTRACTOR'S YARD. TEMPORARY FENCING WILL NOT BE ALLOWED TO BE INSTALLED AROUND LAYDOWN AREA.

**FIELD VERIFICATION OF QUANTITIES**

DUE TO THE NATURE OF THE PROJECT BEING A SLIDE REPAIR, THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF QUANTITIES PRIOR TO BIDDING AND THEN PRIOR TO CONSTRUCTION. THE ACTUAL WORK LOCATIONS AND QUANTITIES PERFORMED SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

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GENERAL NOTES

CHERRY BOTTOM RD.  
SLOPE STABILIZATION  
ST-1079

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**ITEM 504 - SHEET PILING LEFT IN PLACE, AS PER PLAN**

FURNISH PZC 26 STEEL SHEET PILING (OR APPROVED EQUAL).

SHEET PILING SHALL BE DRIVEN IN SUCH A MANNER AS TO ENSURE INTERLOCKING THROUGHOUT THE ENTIRE LENGTH OF EACH SHEET PILE. THE SHEET PILES SHALL BE HELD IN PROPER ALIGNMENT DURING DRIVING BY MEANS OF ASSEMBLING FRAMES OR OTHER SUITABLE TEMPORARY GUIDE STRUCTURES. TEMPORARY GUIDE STRUCTURES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR PURPOSE.

DRIVE SHEET PILES WITH A VARIATION OF 1/4 INCH OR LESS PER FOOT FROM VERTICAL. DO NOT DAMAGE SHEET PILING WHILE ATTEMPTING TO CORRECT FOR MISALIGNMENT.

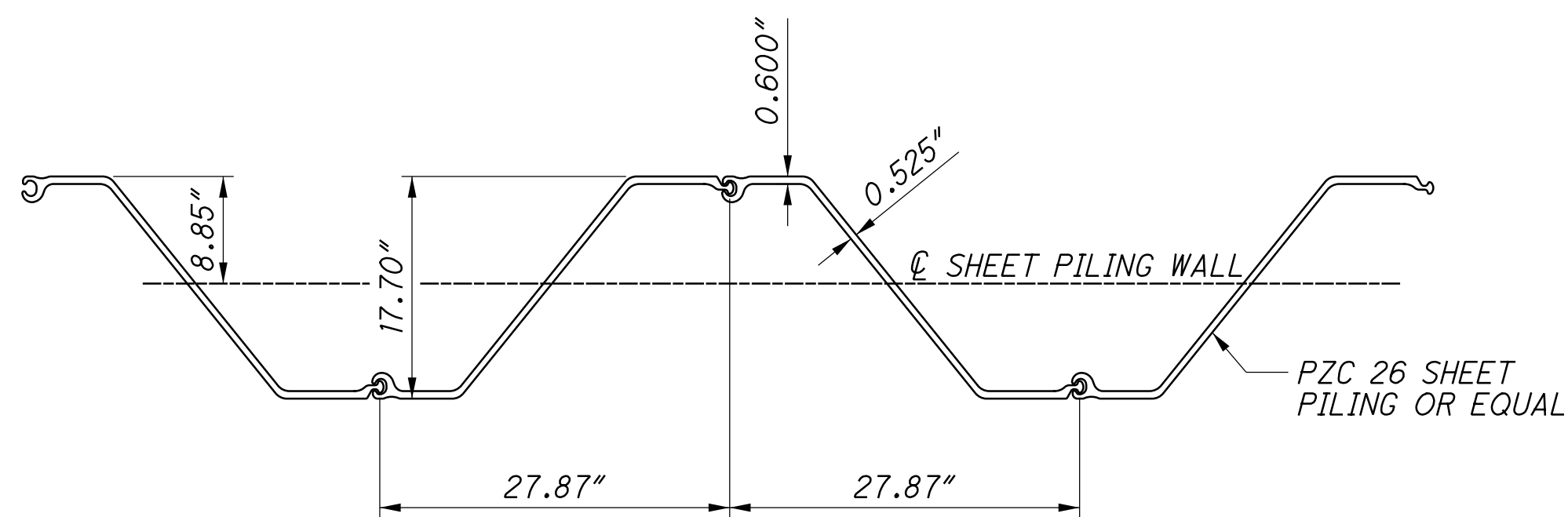
CUT OFF THE TOP OF SHEET PILING IN A CLEAN, STRAIGHT LINE AT THE ELEVATIONS SPECIFIED IN THE PLANS, AS APPROVED BY THE ENGINEER. THE LENGTH OF THE PILE CUT OFF SHALL BE SUFFICIENT TO PERMIT THE REMOVAL OF ALL DAMAGED MATERIAL. ANY IRREGULARITIES SHALL BE STRAIGHTENED OR CUT OFF BY GRINDING. DISPOSE OF CUT-OFFS NOT INCORPORATED INTO THE WORK PROPERLY.

REMOVE AND REPLACE, OR OTHERWISE CORRECT, SHEET PILES THAT THE ENGINEER DEEMS UNACCEPTABLE. SUBMIT DETAILS OF PLANNED CORRECTIONS TO THE ENGINEER FOR REVIEW AND APPROVAL BEFORE INITIATING ANY CORRECTIVE ACTION. ANY SHEET PILING RUPTURED IN THE INTERLOCK OR OTHERWISE DAMAGED DURING DRIVING SHALL BE PULLED AND REPLACED.

FOR THE NORTH SITE, THE SHEET PILING LEFT IN PLACE LENGTH SHALL BE A MINIMUM OF 25 FEET, UNLESS OTHERWISE APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL ORDER AND SUPPLY A SUFFICIENT LENGTH OF SHEETING TO ACCOUNT FOR CUTTING THE TOP OF THE SHEET TO MEET FINAL PROPOSED GRADE.

FOR THE SOUTH SITE, THE SHEET PILING LEFT IN PLACE LENGTH SHALL BE A MINIMUM OF 20 FEET, UNLESS OTHERWISE APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL ORDER AND SUPPLY A SUFFICIENT LENGTH OF SHEETING TO ACCOUNT FOR CUTTING THE TOP OF THE SHEET TO MEET FINAL PROPOSED GRADE.

IN ADDITION TO ODOT C&MS 504.04, WEEP HOLES AND BAGGED AGGREGATE AND OTHER MISCELLANEOUS ITEMS REQUIRED TO CONSTRUCT THE RETAINING WALL AS SHOWN IN THE PLANS SHALL BE INCLUDED IN SHEET PILING LEFT IN PLACE, AS PER PLAN FOR PAYMENT.



**SHEET PILE SECTION**  
(NOT TO SCALE)

**SURVEYING PARAMETERS**

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON THIS PROJECT. SEE THIS SHEET OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

POSITIONING METHOD: ODOT VRS  
MONUMENT TYPE: IRON PIN WITH CAP SET

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD88  
GEOID: GEOID 12B

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83 (2011)  
ELLIPSOID: GRS80  
MAP PROJECTION: LAMBERT CONFORMAL CONIC  
COORDINATE SYSTEM: OHIO STATE PLANE, SOUTH ZONE  
COMBINED SCALE FACTOR: 1.00002999 (NORTH SITE)  
1.00003372 (SOUTH SITE)

ORIGIN OF COORDINATE SYSTEM: 0,0

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH C&MS 623.

UNITS ARE IN U.S. SURVEY FEET.

**ITEM 606 - GUARDRAIL**

GUARDRAIL SHALL BE REMOVED AS NEEDED WITHIN THE PROJECT LIMITS TO FACILITATE WORK. NEW GUARDRAIL AND LONG POSTS SHALL BE INSTALLED AT COMPLETION OF PROJECT PER DETAILS ON THESE DRAWINGS.

**CLEARING AND GRUBBING**

REMOVE ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS UNDER THE LUMP SUM BID FOR ITEM 201, CLEARING AND GRUBBING. THE FOLLOWING IS AN APPROXIMATE ESTIMATE OF THE NUMBER OF TREES AND STUMPS TO BE REMOVED.

SIZES	NO. TREES	NO. STUMPS	TOTAL
18"	2	0	2

NO TREE CUTTING WILL BE PERMITTED FROM APRIL 1 TO SEPTEMBER 30.

**STREAM**

THE SOUTH SITE BORDERS A STREAM THAT IS IN THE EXISTING FLOODPLAIN. TO AVOID UNAUTHORIZED FILL IN THE FLOODPLAIN, NO FILL IS ALLOWED BEYOND THAT SPECIFICALLY DEPICTED ON THESE DRAWINGS AND PROJECT QUANTITIES.

**WETLAND**

A WETLAND HAS BEEN IDENTIFIED AS DEPICTED ON THE DRAWINGS AT THE NORTH SITE. TO AVOID UNAUTHORIZED FILL TO REMAINING WETLAND HABITAT BEYOND CONSTRUCTION LIMITS, NO CONSTRUCTION ACTIVITIES OR ANCILLARY CONSTRUCTION (STAGING AREAS, WASTE LOCATIONS, STOCKPILES OR BORROW LOCATIONS) ARE PERMITTED BEYOND THE PROPOSED CONSTRUCTION LIMITS IN THE AREA DEFINED ABOVE.

**FINAL GRADING**

THE CONTRACTOR SHALL PLACE AGGREGATE AS SPECIFIED IN THESE DRAWINGS WHERE SHOWN IN FRONT OF THE WALL. IN AREAS WITHOUT AGGREGATE PLACEMENT, THE CONTRACTOR SHALL GRADE AS NECESSARY IN FRONT OF THE SHEET PILING WALL TO ENSURE POSITIVE DRAINAGE AWAY FROM THE FACE OF THE WALL. NO DEPRESSIONS WHICH MAY HOLD WATER SHALL BE PERMITTED TO REMAIN.

**ITEM 659 - SEEDING AND MULCHING, AS PER PLAN**

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS. SEEDING AND MULCHING, AS PER PLAN, SHALL INCLUDE THE NECESSARY AMOUNTS OF COMMERCIAL FERTILIZER, LIME AND WATER TO COMPLETE THIS WORK, AS SET FORTH IN 659. PAYMENT FOR ALL OF THE ABOVE INCLUDED IN THE CONTRACT PRICE FOR ITEM 659 SEEDING AND MULCHING, AS PER PLAN.

A TOTAL OF 350 SY TO BE CARRIED TO GENERAL SUMMARY.

**IN-STREAM WORK**

NO IN-STREAM WORK WILL BE PERMITTED FROM MARCH 15 TO JUNE 30.

**CONVENTIONAL SYMBOLS**

County Line	-----	Edge of Shoulder (Ex)	-----
Township Line	-----	Edge of Shoulder (Pr)	-----
Section Line	-----	Ditch / Creek (Ex)	-----
Corporation Line	-----	Ditch / Creek (Pr)	-----
Fence Line (Ex)	-----	Tree Line (Ex)	-----
Fence Line (Pr)	-----	Ownership Hook Symbol	-----
Center Line	-----	Property Line Symbol	-----
Right of Way (Ex)	-----	Break Line Symbol	-----
Right of Way (Pr)	-----	Tree (Pr)	-----
Standard Highway Ease.(Ex)	-----	Tree (Ex)	-----
Standard Highway Ease.(Pr)	-----	Shrub (Ex)	-----
Temporary Right of Way	-----	Tree (Remove)	-----
Channel Ease. (Pr)	-----	Shrub (Remove)	-----
Utility Ease. (Ex)	-----	Evergreen (Ex)	-----
Utility Ease. (Pr)	-----	Evergreen (Remove)	-----
Railroad	-----	Stump	-----
Guardrail (Ex)	-----	Stump (Remove)	-----
Construction Limits	-----	Wetland (Pr)	-----
Edge of Pavement (Ex)	-----	Grass (Pr)	-----
Edge of Pavement (Pr)	-----	Aerial Target	-----
		Post (Ex)	-----
		Mailbox (Ex)	-----
		Mailbox (Pr)	-----
		Light (Ex)	-----
		Telephone Marker (Ex)	-----
		Fire Hydrant (Ex)	-----
		Water Meter (Ex)	-----
		Water Valve (Ex)	-----
		Utility Valve Unknown (Ex.)	-----
		Telephone Pole (Ex)	-----
		Power Pole (Ex)	-----
		Light Pole (Ex)	-----

CENTERLINE CONSTRUCTION REFERENCES AND BENCHMARKS - NORTH SITE									
ROUTE	STATION	OFFSET (FT)	SIDE	GROUND (PROJECT)		GRID		ELEVATION	DESCRIPTION
				NORTHING	EASTING	NORTHING	EASTING		
CHERRY BOTTOM ROAD	82+79.91	0.00	℄	536104.604	2454325.750	536088.527	2454252.147		PC
CHERRY BOTTOM ROAD	84+33.89	0.00	℄	536688.895	2454305.134	536672.800	2454231.532		PT
CHERRY BOTTOM ROAD	88+12.25	24.39	LT.	747297.739	1860689.576	747275.328	1860633.776	813.10	CP100 - MONUMENT TYPE B
CHERRY BOTTOM ROAD	90+00.00	0.00	℄	747485.743	1860712.119	747463.327	1860656.318		POT
CHERRY BOTTOM ROAD	91+01.07	16.82	LT.	747586.606	1860694.146	747564.187	1860638.345	815.55	CP101 - MONUMENT TYPE B

PROJECT SCALE FACTOR: 1.00002999

CENTERLINE CONSTRUCTION REFERENCES AND BENCHMARKS - SOUTH SITE									
ROUTE	STATION	OFFSET (FT)	SIDE	GROUND (PROJECT)		GRID		ELEVATION	DESCRIPTION
				NORTHING	EASTING	NORTHING	EASTING		
CHERRY BOTTOM ROAD	1+21.16	0.00	℄	739752.812	1863448.656	739727.868	1863385.823		POT
CHERRY BOTTOM ROAD	3+09.06	13.81	LT.	739940.928	1863437.933	739915.978	1863375.100	806.84	CP01 - MONUMENT TYPE B
CHERRY BOTTOM ROAD	5+55.00	0.00	℄	740186.596	1863455.789	740161.638	1863392.955		PI
CHERRY BOTTOM ROAD	6+59.64	24.22	RT.	740293.098	1863469.714	740268.136	1863406.880	808.81	CP02 - MONUMENT TYPE B
CHERRY BOTTOM ROAD	8+81.70	0.00	℄	740511.746	1863424.007	740486.777	1863361.174		POT

PROJECT SCALE FACTOR: 1.00003372

**ITEM 614 - MAINTAINING TRAFFIC, AS PER PLAN**

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND SAFE MOVEMENT OF PEDESTRIANS THROUGH, AROUND AND AWAY FROM THE CONSTRUCTION SITE AS DESIGNATED IN SECTION 60.01 OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD).

THE SAFETY OF PEDESTRIAN TRAFFIC SHALL BE CONSIDERED AT ALL TIMES IN THE PROVISION OF TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS AND NOTES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE LIGHTS, SIGNS, BARRICADES AND OTHER WARNINGS TO PHYSICALLY SEPARATE THE PEDESTRIAN FROM HAZARDS INCIDENTAL TO THE CONSTRUCTION OPERATIONS SUCH AS OPEN EXCAVATIONS, ETC.

ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD) FOR CONSTRUCTION AND MAINTENANCE OPERATIONS. ALL DEVICES SHALL MEET FP-85 REFLECTANCE STANDARDS AND IN FULL COMPLIANCE WITH "QUALITY STANDARDS FOR WORK ZONE TRAFFIC CONTROL DEVICES" PUBLISHED BY ATTSSA. ALL TRAFFIC CONTROL DEVICES MUST MEET NCHRP 350.

STEADY BURNING, TYPE "C" LIGHTS SHALL BE REQUIRED ON ALL BARRICADES, DRUMS AND SIMILAR TRAFFIC CONTROL DEVICES IN USE AT NIGHT. ALL SIGNS, NINE SQUARE FEET (36" X 36") AND OVER SHALL HAVE YELLOW TYPE "A" LOW INTENSITY FLASHING WARNING LIGHTS AND THREE FLAGS. CONES ARE NOT APPROVED FOR USE AT NIGHT.

THE ROADWAY SHALL NOT BE OPENED TO TRAFFIC UNTIL PERMANENT TRAFFIC CONTROLS ARE IN PLACE OR UNTIL TEMPORARY TRAFFIC CONTROLS APPROVED BY THE INSPECTOR ARE INSTALLED. THE CONTRACTOR ASSUMES ALL LIABILITY FOR THE PREMATURE REMOVAL OF TEMPORARY TRAFFIC CONTROLS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REINSTALLATION AND/OR REPLACEMENT OF ALL PERMANENT TRAFFIC CONTROL DEVICES DAMAGED OR REMOVED DURING THE CONSTRUCTION. PERMANENT TRAFFIC CONTROLS NO LONGER IN CONFLICT WITH TEMPORARY TRAFFIC CONTROLS SHALL BE REPLACED IMMEDIATELY.

ALL PERMANENT TRAFFIC CONTROLS NOT IN CONFLICT WITH THE TEMPORARY TRAFFIC CONTROLS SHALL BE MAINTAINED THROUGHOUT THE PROJECT BY THE CONTRACTOR. THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR MISSING, DAMAGED, AND IMPROPERLY PLACED TRAFFIC CONTROL DEVICES.

ALL TRENCHES WITHIN THE ROAD RIGHT-OF-WAY SHALL BE BACKFILLED OR SECURELY PLATED DURING NON-WORKING HOURS.

ANY WORK DONE BY THE CITY INCLUDING INSTALLATION, RELOCATION, REMOVAL AND/OR REPLACEMENT OF PERMANENT TRAFFIC CONTROL DEVICES AS A RESULT OF WORK DONE BY THE CONTRACTOR OR AS A RESULT OF THE NEGLIGENCE OF THE CONTRACTOR SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE CITY OF GAHANNA IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED AT LEAST 5 BUSINESS DAYS PRIOR TO THE PROPOSED CHANGE.

INFORMATION SHALL INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE CITY OF GAHANNA.

BEFORE THE WORK BEGINS, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF TWO PERSONS WHO CAN BE CONTACTED TWENTY-FOUR (24) HOURS PER DAY BY THE CITY OF GAHANNA AND ALL INTERESTED POLICE AGENCIES. THESE PERSONS SHALL BE RESPONSIBLE FOR PLACING OR REPLACING NECESSARY TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

EACH PROJECT AREA MAY BE CLOSED TO TRAFFIC FOR A PERIOD NOT TO EXCEED 14 CONSECUTIVE DAYS UNLESS APPROVED BY THE ENGINEER, WHEN THROUGH TRAFFIC MAY BE DETOURED AS SHOWN ON SHEETS 6 AND 7. ROAD CLOSURES FOR EACH SITE SHALL BE CONSECUTIVE FOR A TOTAL PROJECT CLOSURE DURATION NOT TO EXCEED 28 DAYS UNLESS APPROVED BY THE ENGINEER.

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS, AS DETAILED IN SCD MT-101.60 AT THE FOLLOWING LOCATIONS DURING PERIODS IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT, IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, AS PER PLAN, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

**ITEM 614 - PORTABLE CHANGEABLE MESSAGE SIGNS, AS PER PLAN**

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE, WHEN NO LONGER NEEDED, A CHANGEABLE MESSAGE SIGN. THE SIGN SHALL BE OF A TYPE SHOWN ON A LIST OF APPROVED PCMS UNITS AVAILABLE ON THE OFFICE OF MATERIALS MANAGEMENT WEB PAGE. THE LIST CONTAINS CLASS A AND B UNITS WITH MINIMUM LEGIBILITY DISTANCES OF 800 FEET AND 650 FEET, RESPECTIVELY.

EACH SIGN SHALL BE TRAILER-MOUNTED AND EQUIPPED WITH A FUNCTIONAL DIMMING MECHANISM, TO DIM THE SIGN DURING DARKNESS, AND A TAMPER AND VANDAL PROOF ENCLOSURE. EACH SIGN SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ON-SITE PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT. THE SIGN SHALL ALSO BE CAPABLE OF BEING POWERED BY AN ELECTRICAL SERVICE DROP FROM A LOCAL UTILITY COMPANY. THE PCMS SHALL BE DELINEATED IN ACCORDANCE WITH C&MS 614.03.

THE PROBABLE PCMS LOCATIONS AND WORK LIMITS FOR THOSE LOCATIONS ARE SHOWN ON SHEETS 6 AND 7 OF THE PLAN. PLACEMENT, OPERATION, MAINTENANCE AND ALL ACTIVATION OF THE SIGNS BY THE CONTRACTOR SHALL BE AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE LOCATED IN A HIGHLY VISIBLE POSITION YET PROTECTED FROM TRAFFIC. THE CONTRACTOR SHALL, AT THE DIRECTION OF THE ENGINEER, RELOCATE THE PCMS TO IMPROVE VISIBILITY OR ACCOMMODATE CHANGED CONDITIONS. WHEN NOT IN USE, THE PCMS SHALL BE TURNED OFF. ADDITIONALLY, WHEN NOT IN USE FOR EXTENDED PERIODS OF TIME, THE PCMS SHALL BE TURNED AWAY FROM ALL TRAFFIC.

THE ENGINEER SHALL BE PROVIDED ACCESS TO EACH SIGN UNIT AND SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE CITY OF GAHANNA PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT, AND TO REVISE SIGN MESSAGES, IF NECESSARY.

ALL MESSAGES TO BE DISPLAYED ON THE SIGN WILL BE PROVIDED BY THE ENGINEER. A LIST OF ALL REQUIRED PRE-PROGRAMMED MESSAGES WILL BE GIVEN TO THE CONTRACTOR AT THE PROJECT PRECONSTRUCTION CONFERENCE. THE SIGN SHALL HAVE THE CAPABILITY TO STORE UP TO 99 MESSAGES. MESSAGE MEMORY OR PRE-PROGRAMMED DISPLAYS SHALL NOT BE LOST AS A RESULT OF POWER FAILURES TO THE ON-BOARD COMPUTER. THE SIGN LEGEND SHALL BE CAPABLE OF BEING CHANGED IN THE FIELD. THREE-LINE PRESENTATION FORMATS WITH UP TO SIX MESSAGE PHASES SHALL BE SUPPORTED. PCMS FORMAT SHALL PERMIT THE COMPLETE MESSAGE FOR EACH PHASE TO BE READ AT LEAST TWICE.

THE PCMS SHALL CONTAIN AN ACCURATE CLOCK AND PROGRAMMING LOGIC WHICH WILL ALLOW THE SIGN TO BE ACTIVATED, DEACTIVATED OR MESSAGES CHANGED AUTOMATICALLY AT DIFFERENT TIMES OF THE DAY FOR DIFFERENT DAYS OF THE WEEK.

THE PCMS UNIT SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE CONTRACTOR IN ACCORDANCE WITH THE PROVISIONS OF C&MS 614.07. THE CONTRACTOR SHALL, PRIOR TO ACTIVATING THE UNIT, MAKE ARRANGEMENTS, WITH AN AUTHORIZED SERVICE AGENT FOR THE PCMS, TO ASSURE PROMPT SERVICE IN THE EVENT OF FAILURE. ANY FAILURE SHALL NOT RESULT IN THE SIGN BEING OUT OF SERVICE FOR MORE THAN 12 HOURS, INCLUDING WEEKENDS. FAILURE TO COMPLY MAY RESULT IN AN ORDER TO STOP WORK AND OPEN ALL TRAFFIC LANES AND/OR IN THE DEPARTMENT TAKING APPROPRIATE ACTION TO SAFELY CONTROL TRAFFIC. THE ENTIRE COST TO CONTROL TRAFFIC, ACCRUED BY THE CITY OF GAHANNA DUE TO THE CONTRACTOR'S NONCOMPLIANCE, WILL BE DEDUCTED FROM MONEYS DUE, OR TO BECOME DUE THE CONTRACTOR ON HIS CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR 24-HOUR-PER-DAY OPERATION AND MAINTENANCE OF THESE SIGNS ON THE PROJECT FOR THE DURATION OF THE PHASES WHEN THE PLAN REQUIRES THEIR USE.

PAYMENT FOR THE ABOVE DESCRIBED ITEM SHALL BE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, FUELS, LUBRICATING OILS, SOFTWARE, HARDWARE AND INCIDENTALS TO PERFORM THE ABOVE DESCRIBED WORK.

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN 4 SIGN MONTH ASSUMING 2 PCMS SIGNS FOR 2 MONTHS

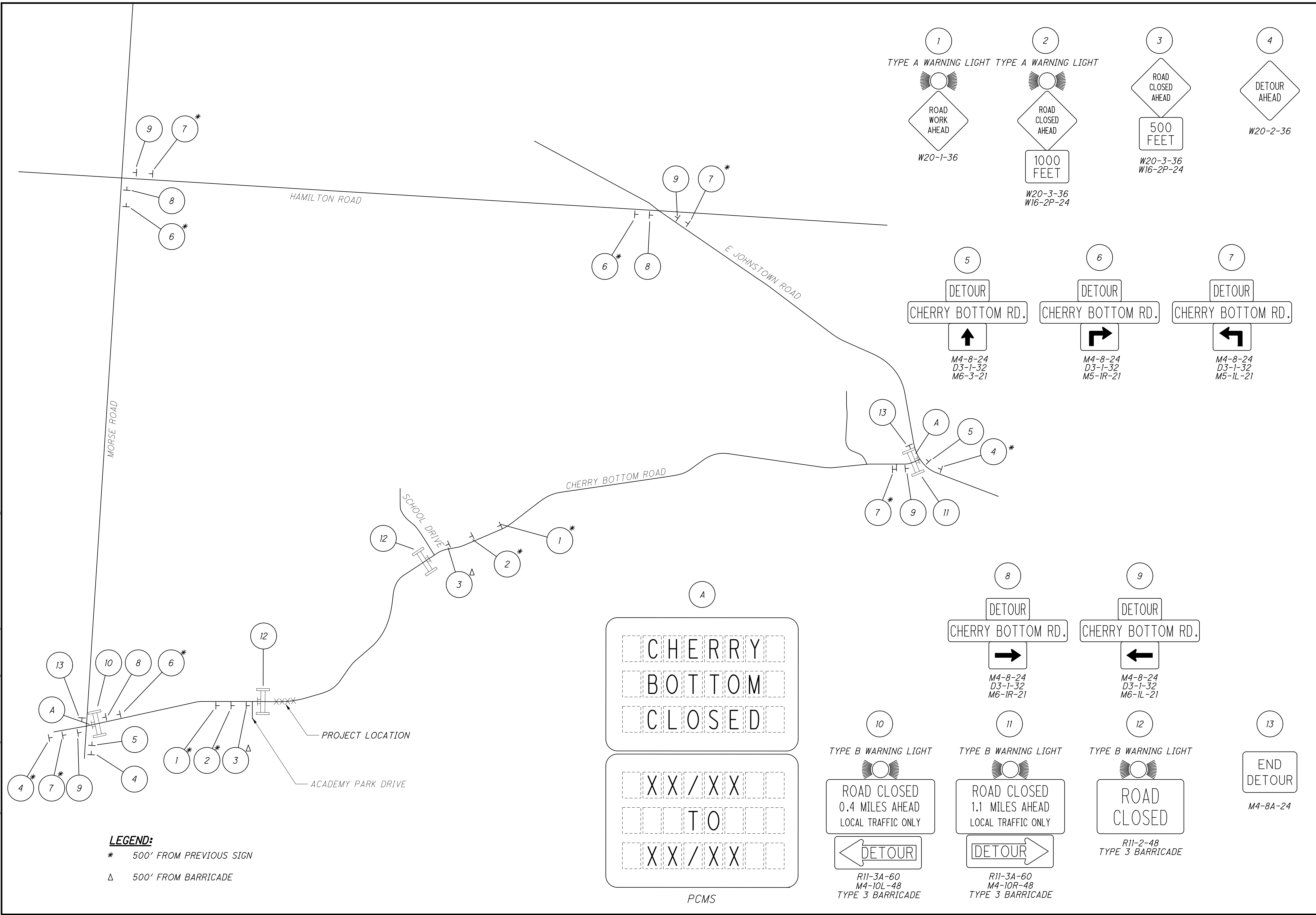
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MAINTENANCE OF TRAFFIC GENERAL NOTES

CHERRY BOTTOM RD.  
SLOPE STABILIZATION  
ST-1079

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**LEGEND:**

- \* 500' FROM PREVIOUS SIGN
- Δ 500' FROM BARRICADE

4

CHERRY  
BOTTOM  
CLOSED

XX / XX  
TO  
XX / XX

PCMS

1 TYPE A WARNING LIGHT  
ROAD WORK AHEAD  
W20-1-36

2 TYPE A WARNING LIGHT  
ROAD CLOSED AHEAD  
1000 FEET  
W20-3-36  
W16-2P-24

3 ROAD CLOSED AHEAD  
500 FEET  
W20-3-36  
W16-2P-24

4 DETOUR AHEAD  
W20-2-36

5 DETOUR  
CHERRY BOTTOM RD.  
↑  
M4-8-24  
D3-1-32  
M6-3-21

6 DETOUR  
CHERRY BOTTOM RD.  
↗  
M4-8-24  
D3-1-32  
M5-1R-21

7 DETOUR  
CHERRY BOTTOM RD.  
↖  
M4-8-24  
D3-1-32  
M5-1L-21

8 DETOUR  
CHERRY BOTTOM RD.  
→  
M4-8-24  
D3-1-32  
M6-1R-21

9 DETOUR  
CHERRY BOTTOM RD.  
←  
M4-8-24  
D3-1-32  
M6-1L-21

10 TYPE B WARNING LIGHT  
ROAD CLOSED  
0.4 MILES AHEAD  
LOCAL TRAFFIC ONLY  
← DETOUR  
R11-3A-60  
M4-10L-48  
TYPE 3 BARRICADE

11 TYPE B WARNING LIGHT  
ROAD CLOSED  
1.1 MILES AHEAD  
LOCAL TRAFFIC ONLY  
→ DETOUR  
R11-3A-60  
M4-10R-48  
TYPE 3 BARRICADE

12 TYPE B WARNING LIGHT  
ROAD CLOSED  
R11-2-48  
TYPE 3 BARRICADE

13 END DETOUR  
M4-8A-24

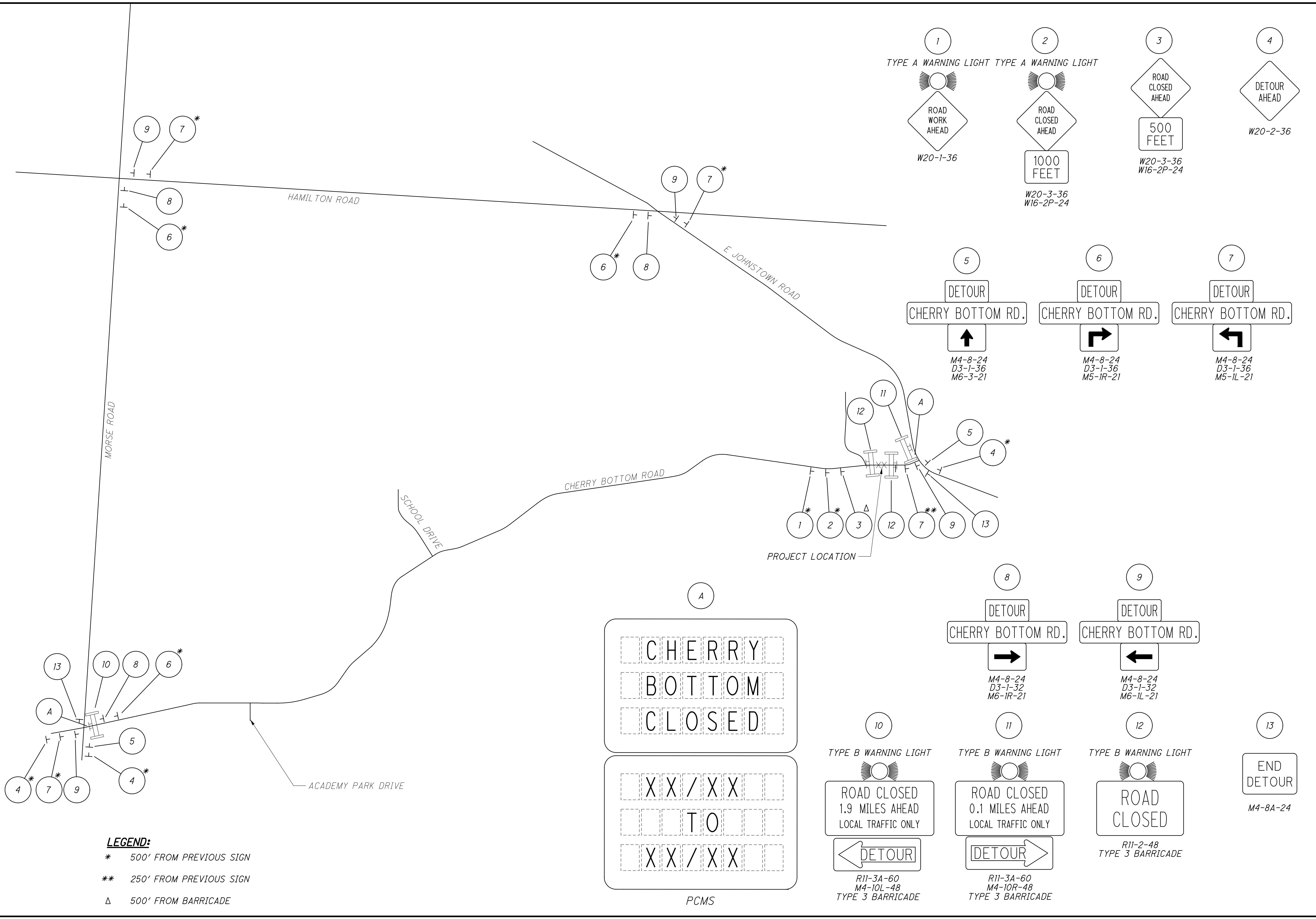
HORIZONTAL SCALE IN FEET

CALCULATED JUL  
CHECKED TWG

**DETOUR PLAN - CHERRY BOTTOM ROAD NORTH SITE**

**CHERRY BOTTOM RD. SLOPE STABILIZATION ST-1079**

8  
16



**LEGEND:**  
 \* 500' FROM PREVIOUS SIGN  
 \*\* 250' FROM PREVIOUS SIGN  
 Δ 500' FROM BARRICADE

4

CHERRY  
 BOTTOM  
 CLOSED

XX / XX  
 TO  
 XX / XX

PCMS

1 TYPE A WARNING LIGHT  
 ROAD WORK AHEAD  
 W20-1-36

2 TYPE A WARNING LIGHT  
 ROAD CLOSED AHEAD  
 1000 FEET  
 W20-3-36  
 W16-2P-24

3 ROAD CLOSED AHEAD  
 500 FEET  
 W20-3-36  
 W16-2P-24

4 DETOUR AHEAD  
 W20-2-36

5 DETOUR  
 CHERRY BOTTOM RD.  
 ↑  
 M4-8-24  
 D3-1-36  
 M6-3-21

6 DETOUR  
 CHERRY BOTTOM RD.  
 ↗  
 M4-8-24  
 D3-1-36  
 M5-1R-21

7 DETOUR  
 CHERRY BOTTOM RD.  
 ↖  
 M4-8-24  
 D3-1-36  
 M5-1L-21

8 DETOUR  
 CHERRY BOTTOM RD.  
 →  
 M4-8-24  
 D3-1-32  
 M6-1R-21

9 DETOUR  
 CHERRY BOTTOM RD.  
 ←  
 M4-8-24  
 D3-1-32  
 M6-1L-21

10 TYPE B WARNING LIGHT  
 ROAD CLOSED 1.9 MILES AHEAD LOCAL TRAFFIC ONLY  
 ← DETOUR  
 R11-3A-60  
 M4-10L-48  
 TYPE 3 BARRICADE

11 TYPE B WARNING LIGHT  
 ROAD CLOSED 0.1 MILES AHEAD LOCAL TRAFFIC ONLY  
 → DETOUR  
 R11-3A-60  
 M4-10R-48  
 TYPE 3 BARRICADE

12 TYPE B WARNING LIGHT  
 ROAD CLOSED  
 R11-2-48  
 TYPE 3 BARRICADE

13 END DETOUR  
 M4-8A-24

N

1000  
500  
250  
0

HORIZONTAL SCALE IN FEET

CALCULATED JUL  
 CHECKED TWG

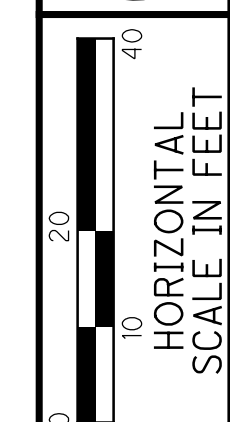
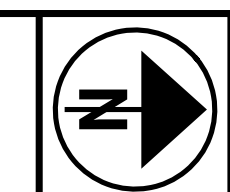
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SHEET NUM.													ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.	
			4	5	9	10	11	12	13	14	15	16							
																		<b>ROADWAY</b>	
													201	11000	LS			CLEARING AND GRUBBING	
					125				150				202	38000	275	FT		GUARDRAIL REMOVED	
							17	48	16	23	44	20	203	10000	168	CY		EXCAVATION	
							5	3		1	7	4	203	20000	20	CY		EMBANKMENT	
					125				150				606	15100	275	FT		GUARDRAIL, TYPE MGS WITH LONG POSTS	
																		<b>EROSION CONTROL</b>	
						39			76				601	32200	115	CY		ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	
			350										659	10001	350	SY		SEEDING AND MULCHING, AS PER PLAN	4
													832	30000	8,000	EACH		EROSION CONTROL	
																		<b>PAVEMENT</b>	
						6			7				411	10000	13	CY		STABILIZED CRUSHED AGGREGATE	
																		<b>RETAINING WALLS</b>	
						2,900			2,920				504	1101	5,820	SF		STEEL SHEET PILING LEFT IN PLACE, AS PER PLAN	4
																		<b>MAINTENANCE OF TRAFFIC</b>	
				4									614	18601	4	SNMT		PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	5
																		<b>INCIDENTALS</b>	
				LS									614	11001	LS			MAINTAINING TRAFFIC, AS PER PLAN	5
													623	10000	LS			CONSTRUCTION LAYOUT STAKES AND SURVEYING	
													624	10000	LS			MOBILIZATION	

**GENERAL SUMMARY**

**CHERRY BOTTOM RD.  
SLOPE STABILIZATION  
ST-1079**

CALCULATED  
JUL  
CHECKED  
TWG

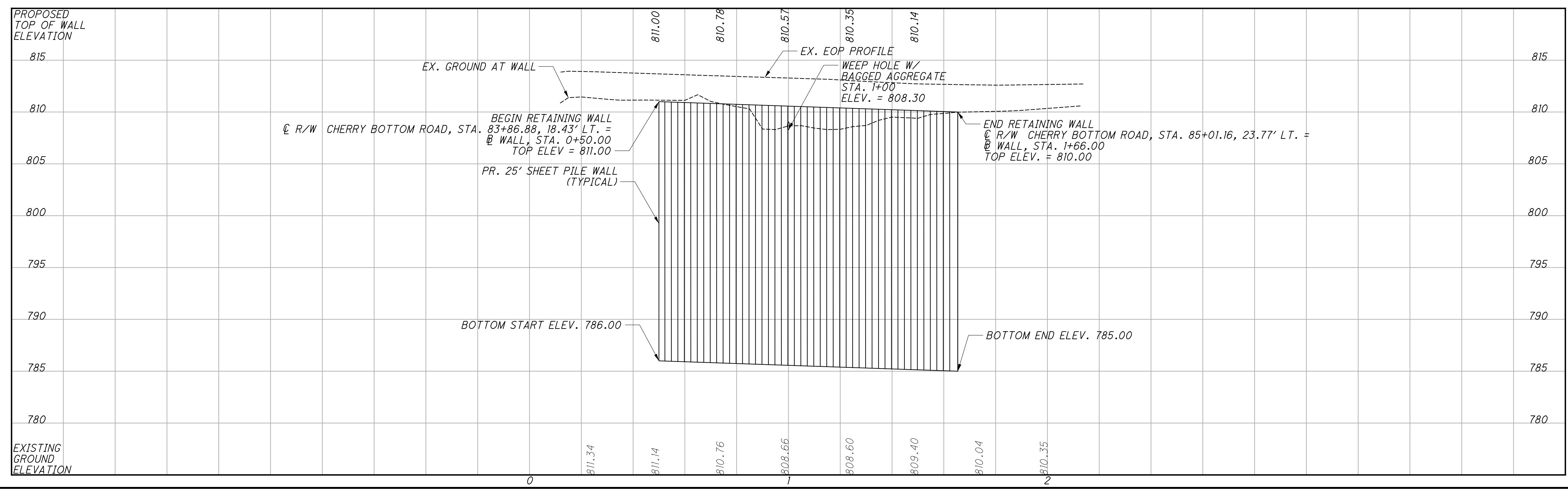
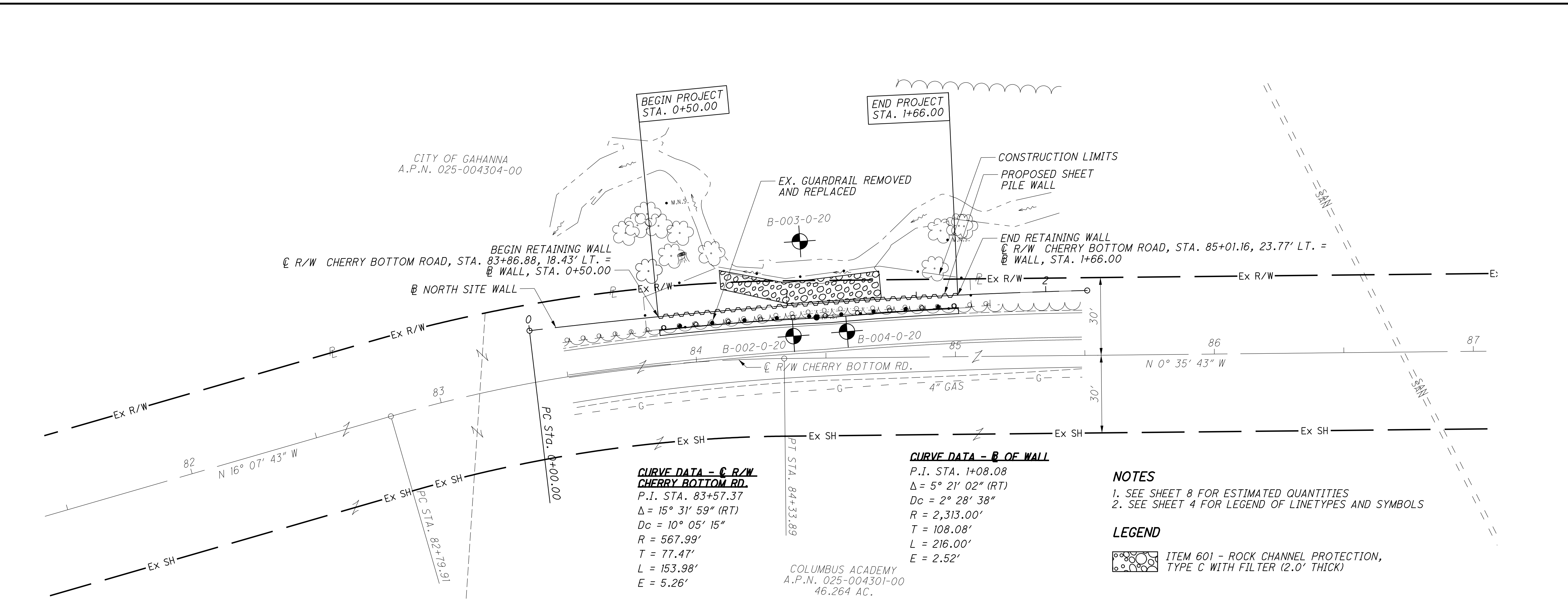


CALCULATED JUL  
CHECKED TWG

PLAN AND PROFILE - CHERRY BOTTOM ROAD NORTH SITE

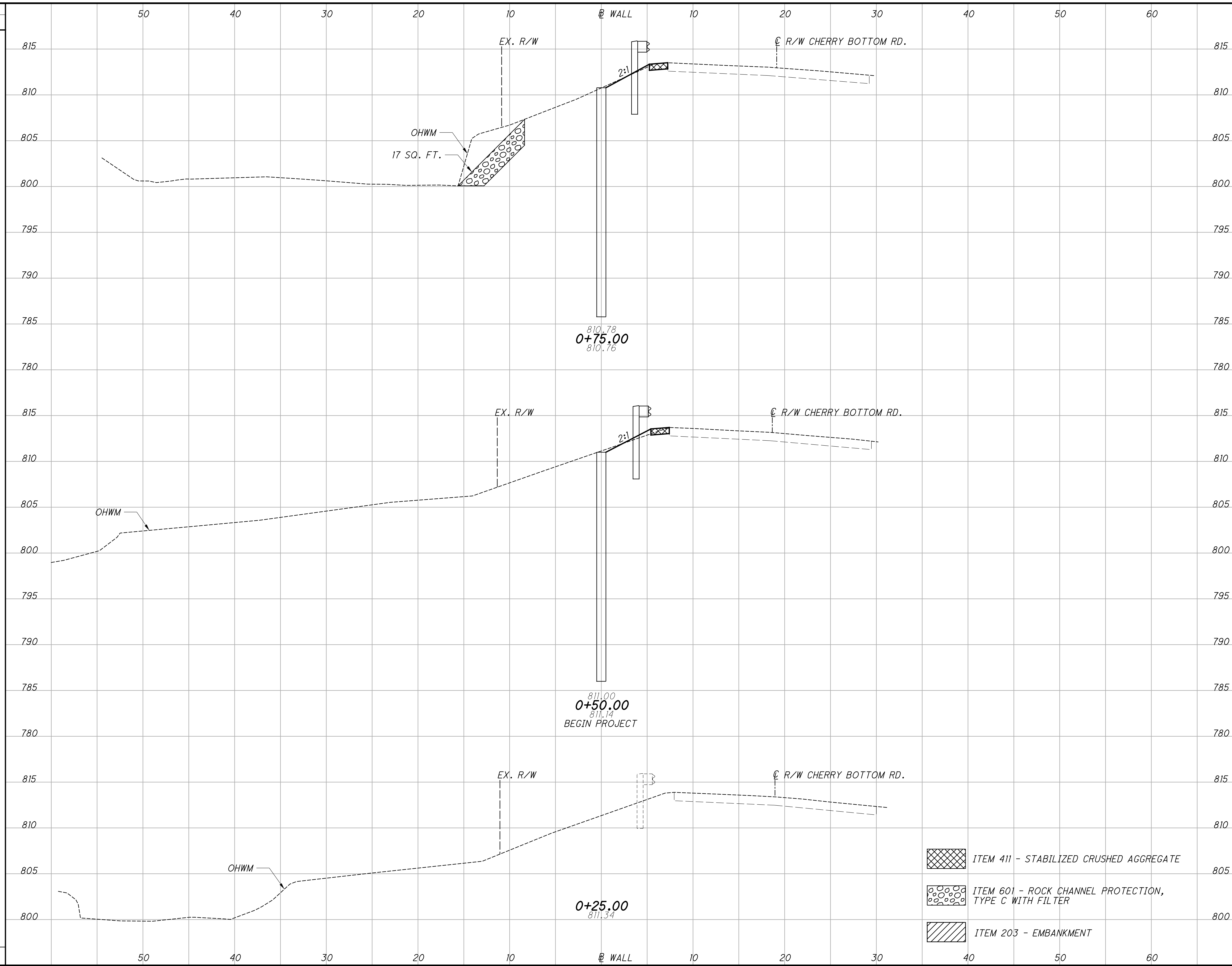
CHERRY BOTTOM RD. SLOPE STABILIZATION ST-1079

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SEEDING  
END SQ.  
WIDTH YDS.



END AREA		VOLUME		CALCULATED JUL	CHECKED TGW
CUT	FILL	CUT	FILL		
32	0				
		16	0		
1	0				
		1	0		
0	0				
		17	0		

CROSS SECTIONS - CHERRY BOTTOM ROAD - NORTH SITE  
STA. 00+25.00 TO STA. 75+00  
CHERRY BOTTOM RD.  
SLOPE STABILIZATION  
ST-1079  
10  
16

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SEEDING	
END WIDTH	SO. YDS.

50 40 30 20 10 @ WALL 10 20 30 40 50 60

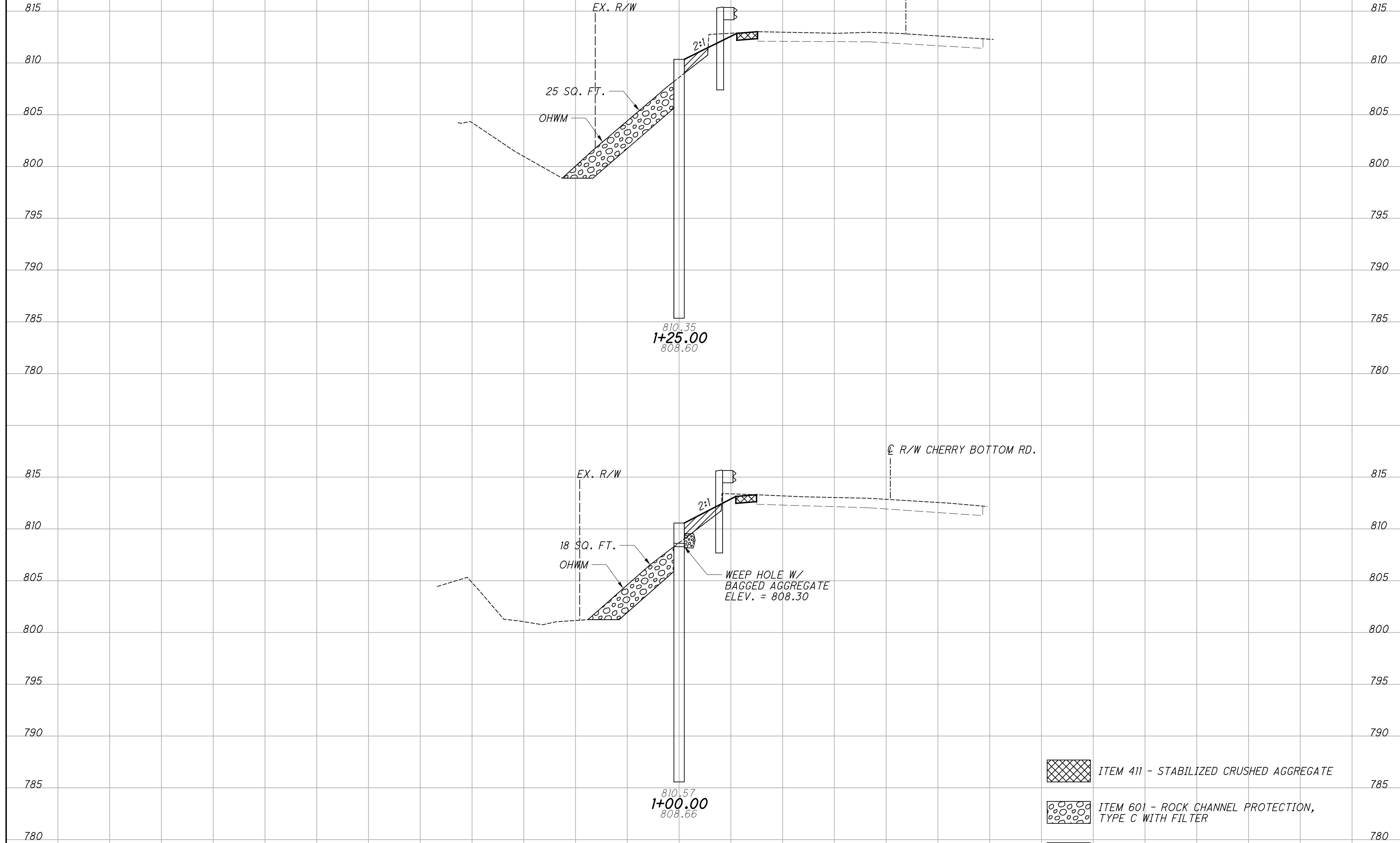
END AREA		VOLUME		CALCULATED	CHECKED
CUT	FILL	CUT	FILL	JUL	TWG




CALCULATED  
JUL  
CHECKED  
TWG

**CROSS SECTIONS - CHERRY BOTTOM ROAD - NORTH SITE**  
**STA. 1+00.00 TO STA. 1+25.00**

**CHERRY BOTTOM RD.**  
**SLOPE STABILIZATION**  
**ST-1079**

11  
16



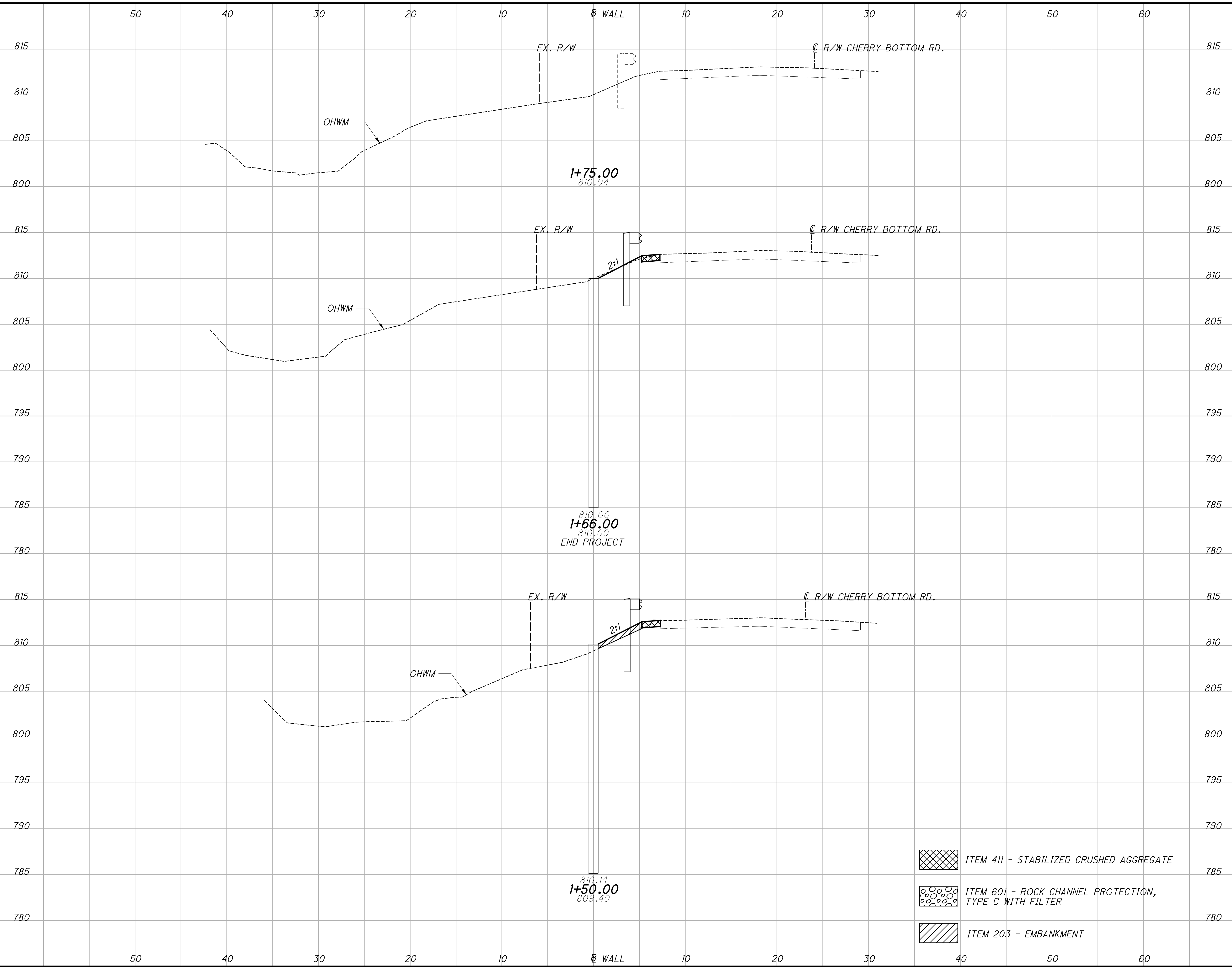
-  ITEM 411 - STABILIZED CRUSHED AGGREGATE
-  ITEM 601 - ROCK CHANNEL PROTECTION, TYPE C WITH FILTER
-  ITEM 203 - EMBANKMENT

29	2	23	3	25	2
		48	5		



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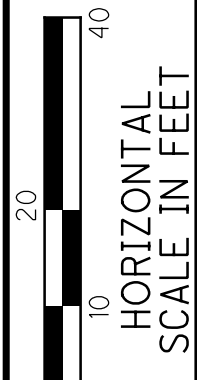
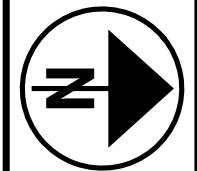
SEEDING	
END WIDTH	SO. YDS.



ELEVATION	END AREA		VOLUME	
	CUT	FILL	CUT	FILL
815	0	0		
810				
805				
800			1	0
815				
810	2	0		
805				
800				
795				
790			1	1
785				
780				
815				
810	1	2		
805				
800				
795				
790				
785				
780			14	2
			16	3

**CROSS SECTIONS - CHERRY BOTTOM ROAD - NORTH SITE**  
**STA. 1+50.00 TO STA. 1+75.00**  
**CHERRY BOTTOM RD. SLOPE STABILIZATION ST-1079**

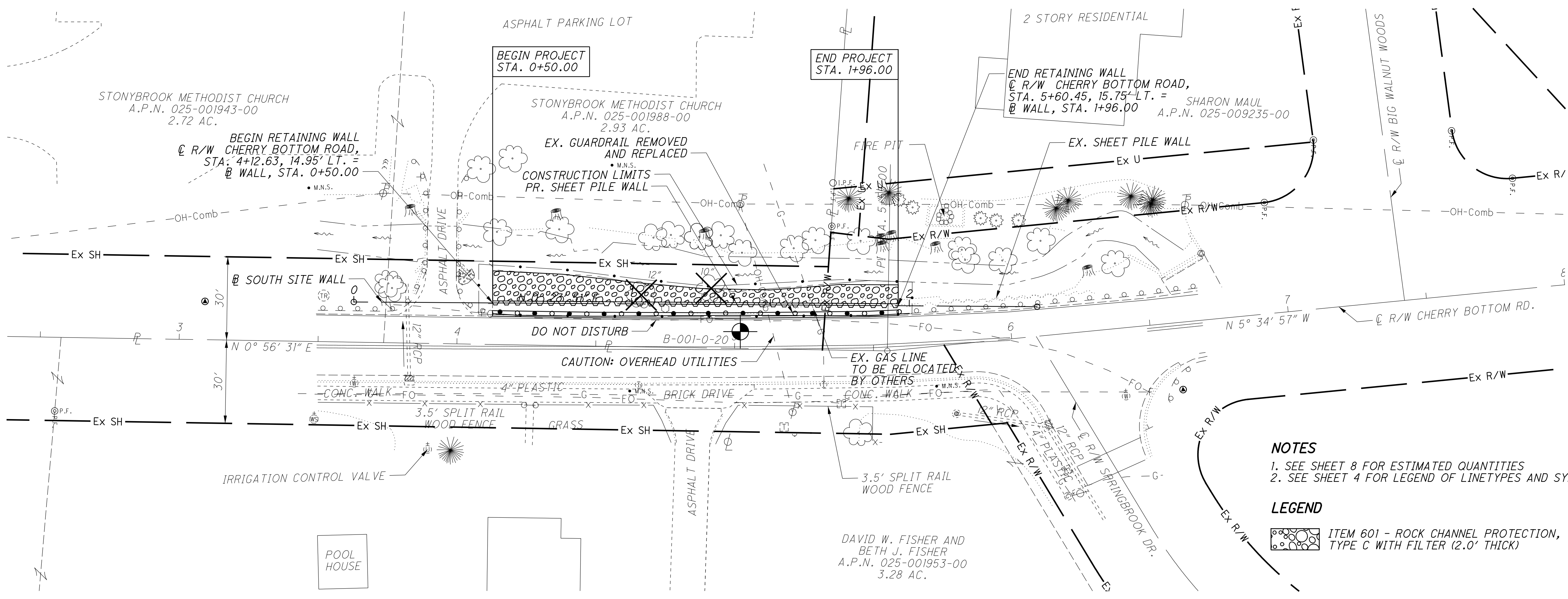
12
16



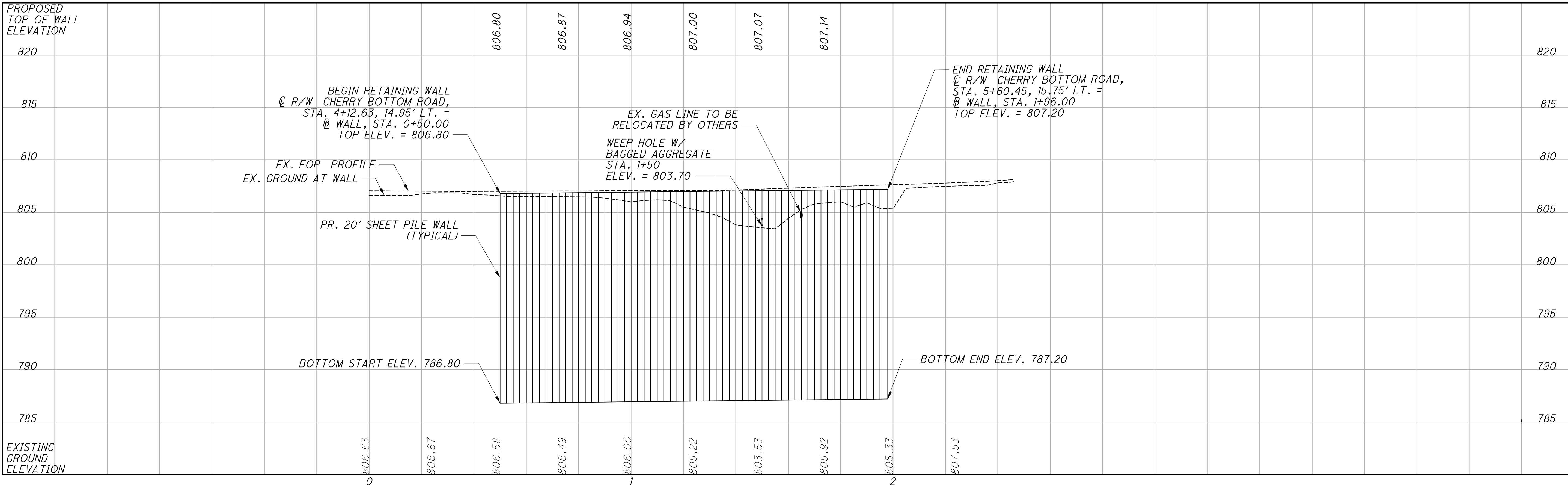
CALCULATED JUL  
CHECKED TWG

PLAN AND PROFILE - CHERRY BOTTOM ROAD SOUTH SITE

CHERRY BOTTOM RD. SLOPE STABILIZATION ST-1079



- NOTES**
- SEE SHEET 8 FOR ESTIMATED QUANTITIES
  - SEE SHEET 4 FOR LEGEND OF LINETYPES AND SYMBOLS
- LEGEND**
- ITEM 601 - ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (2.0' THICK)

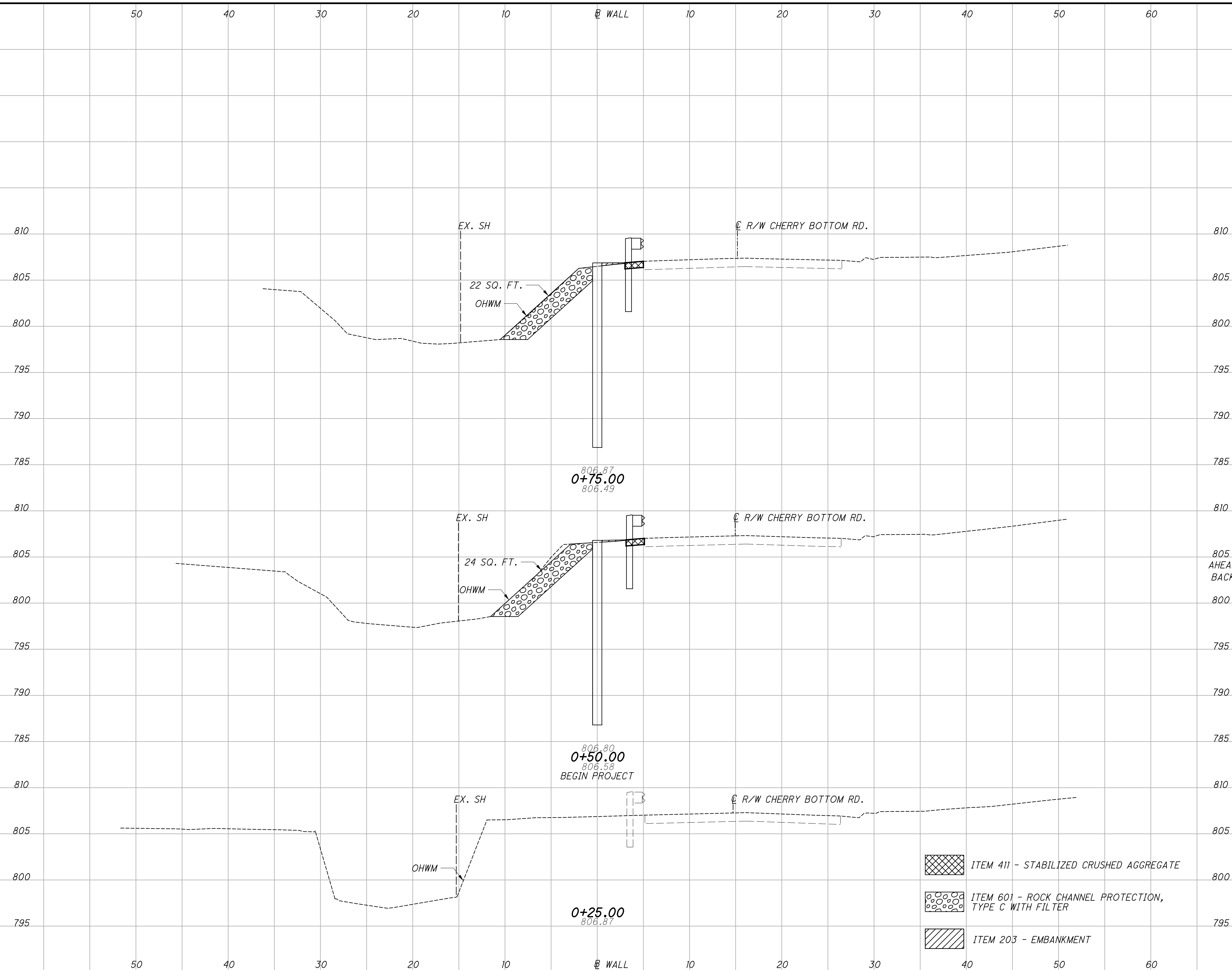


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SEEDING	
END WIDTH	SO. YDS.

END AREA		VOLUME		CALCULATED	
CUT	FILL	CUT	FILL	JUL	TWG

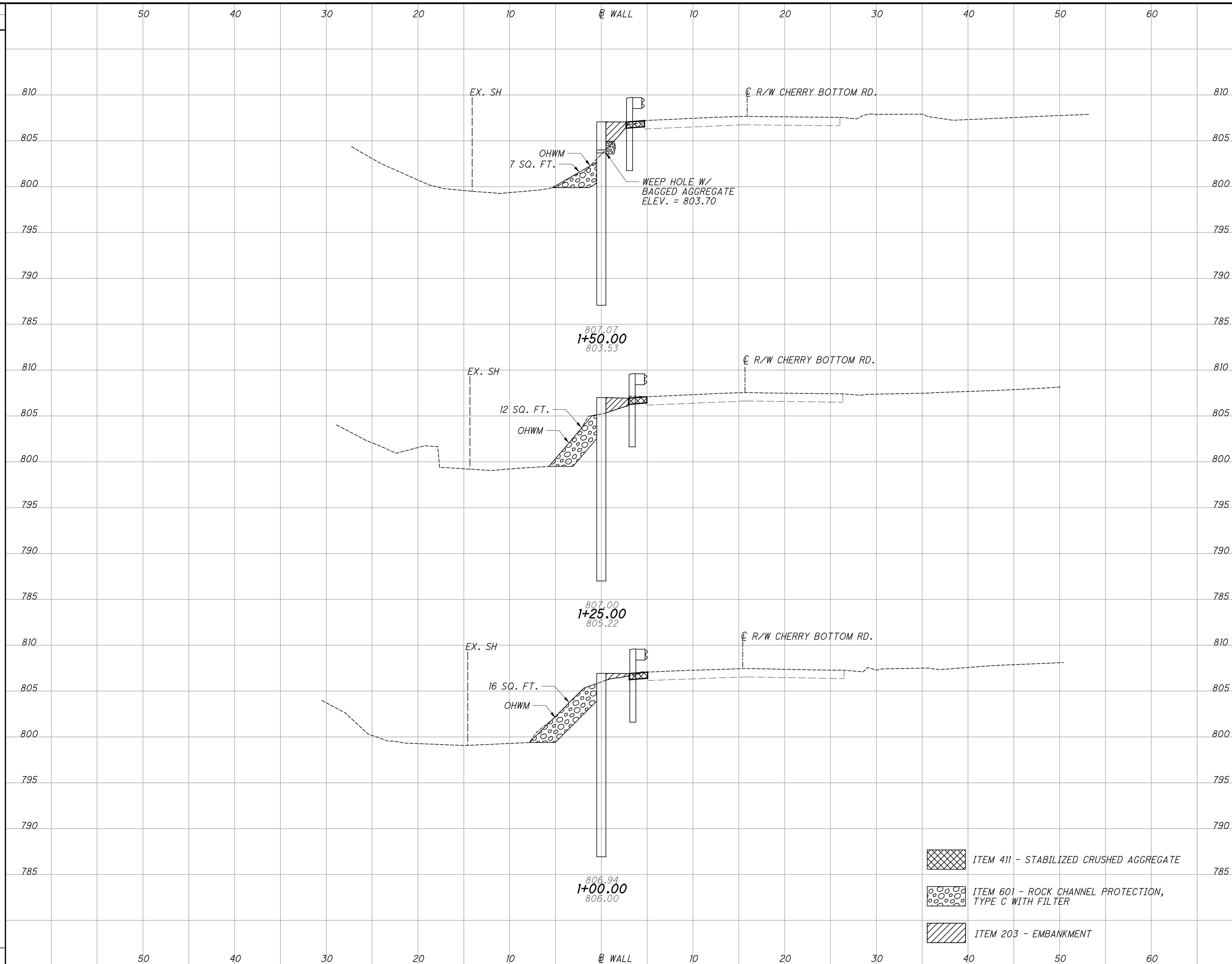


END AREA		VOLUME		CALCULATED	
CUT	FILL	CUT	FILL	JUL	TWG
23	1	23	1		
26	0	0	0		
0	0	0	0		
23	1	23	1		

**CROSS SECTIONS - CHERRY BOTTOM ROAD - SOUTH SITE**  
**STA. 0+25.00 TO STA. 0+75.00**  
**CHERRY BOTTOM RD. SLOPE STABILIZATION**  
**ST-1079**

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SEEDING	
END WIDTH	SQ. YDS.



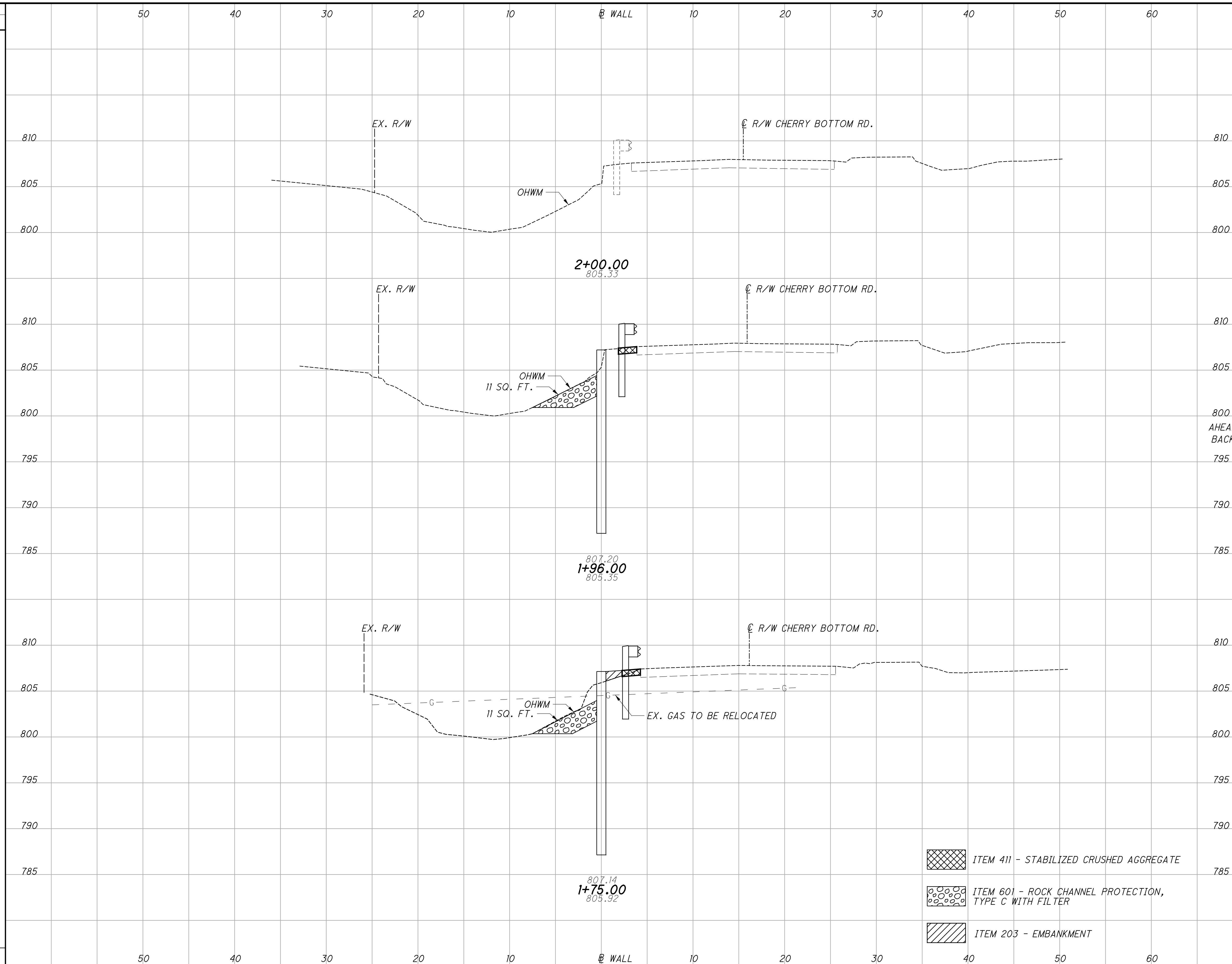
END AREA	VOLUME	CALCULATED	CHECKED	TGW	
					CUT
7	4				
14	3				
18	1				
19	1				
44	7				

**CROSS SECTIONS - CHERRY BOTTOM ROAD - SOUTH SITE**  
**STA. 1+00.00 TO 1+50.00**  
**CHERRY BOTTOM RD. SLOPE STABILIZATION**  
**ST-1079**

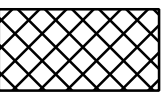
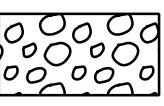
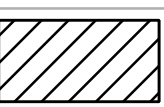
15  
16

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SEEDING	
END WIDTH	SO. YDS.



ELEVATION	END AREA		VOLUME	
	CUT	FILL	CUT	FILL
810	0	0	0	0
805	0	0	0	0
800	0	0	0	0
795	12	0	10	1
790	0	0	0	0
785	0	0	0	0
810	0	0	0	0
805	0	0	0	0
800	14	1	10	3
795	0	0	0	0
790	0	0	0	0
785	0	0	0	0
810	0	0	0	0
805	0	0	0	0
800	0	0	0	0
795	0	0	0	0
790	0	0	0	0
785	0	0	0	0

-  ITEM 411 - STABILIZED CRUSHED AGGREGATE
-  ITEM 601 - ROCK CHANNEL PROTECTION, TYPE C WITH FILTER
-  ITEM 203 - EMBANKMENT

**CROSS SECTIONS - CHERRY BOTTOM ROAD - SOUTH SITE**  
**STA. 1+75.00 TO STA. 2+00.00**  
**CHERRY BOTTOM RD. SLOPE STABILIZATION ST-1079**



Geotechnical Data Report  
Cherry Bottom Road Slope  
Stabilization - Areas 1 and 2  
Gahanna, OH  
S&ME Project No. 205464

PREPARED FOR:

**City of Gahanna**  
**Department of Public Service and Engineering**  
**200 South Hamilton Road**  
**Gahanna, OH 43230**

PREPARED BY:

**S&ME, Inc.**  
**6190 Enterprise Court**  
**Dublin, OH 43016**

**August 6, 2021**



August 6, 2021

City of Gahanna  
Department of Public Service and Engineering  
200 South Hamilton Road  
Gahanna, OH 43230

Attention: Mr. John Moorehead, P.E.

Reference: **Geotechnical Data Report**  
**Cherry Bottom Road Slope Stabilization - Areas 1 and 2**  
Gahanna, OH  
S&ME Project No. 205464

Dear Mr. Moorehead:

S&ME, Inc. (S&ME) has completed the geotechnical exploration and laboratory testing for the above referenced project in general accordance with our original proposal dated March 5, 2021, and Change Order Request No. 1 (CO#1) dated May 28, 2021, which was authorized by the respective Agreement for Services executed on June 8, 2021, and June 7, 2021, respectively, by the City of Gahanna. For this project, three (3) structure borings and one (1) toe-of-slope boring were performed for the planned slope stabilization measures along Cherry Bottom Road in two (2) separate areas, designated as Areas #1 and #2, that are experiencing distress (i.e., slips/erosion). The approximate site location is depicted on the Vicinity Map as presented in Plate 1 in Appendix A of this report.

This report contains a description of the field and laboratory work, logs of the borings drilled, laboratory test results, and a description of the subsurface conditions found at the two sites. If you have any questions regarding this submission, please do not hesitate to contact our office.

Sincerely,

**S&ME, Inc.**

A handwritten signature in black ink, appearing to read "Paul E. Leiter, III".

Paul E. Leiter, III, E.I.  
Staff Professional

A handwritten signature in blue ink, appearing to read "Stephen J. Loskota".

Stephen J. Loskota, P.E.  
Project Manager/Senior Engineer



# Table of Contents

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  - 3.1 Site Reconnaissance..... 1
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- 4.0 Exploration ..... 2**
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- 5.0 Exploration Findings ..... 4**
  - 5.1 Existing Pavement Thicknesses..... 4
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## Appendices

Appendix A – Plates 1 through 15





## 1.0 Executive Summary

This Data Report is being submitted to the City of Gahanna to summarize the geotechnical information developed to date. If required, S&ME will prepare and submit a "Draft" Structural Foundation/Embankment exploration report required by the ODOT *SGE* after an alternative has been selected by the City and structure loading information and embankment analyses has been finalized.

## 2.0 Introduction

Area #1 is located near the southern edge of the parking lot for Academy Park between Cherry Bottom Road and a tributary of Big Walnut Creek. The area has a temporary repair consisting of driven wooden posts and guardrail. Erosion at the toe of the embankment is believed to be a contributor to movement and there is visible evidence of multiple scarps within the area of concern. S&ME provided repair alternatives for this area in our report to the City dated July 30, 2020. The report identified several repair options including a gabion buttress to the road, a retaining wall, and soil nails.

Area #2 is located on the west side of Cherry Bottom Road between Springbrook Drive and a private driveway. McKenna Creek (Beem Ditch) is located at the base of the roadway embankment. Pavement distress and loss of soil support at guardrail posts related to erosion from McKenna Creek are evident at this location. A steel sheet pile from a previous repair is located just north of Area #2 that appears to be in good condition.

S&ME performed the field exploration program in accordance with the current (January 2021) ODOT *Specifications for Geotechnical Investigations (SGE)*. As such, the Structure Foundation/Roadway Embankment exploration included three (3) structure borings, and one (1) toe-of-slope boring.

## 3.0 Geology and Observations of the Project

### 3.1 Site Reconnaissance

S&ME personnel visited the site on May 28, 2021, to assess the existing site conditions and features, traffic volumes, utilities, drill rig access, and field mark the proposed boring locations. Cherry Bottom Road was open to traffic at the time of the visit. In Area #1, signs of pavement distress related to the erosion of the roadway embankment were observed immediately west of Cherry Bottom Road. The temporary repair measures which included steel sheets spanning between guardrail posts along the southbound lane were observed and Borings B-002 and B-004 were located directly upslope of this area. Boring B-003 was located at the toe of the slope.

In Area #2, water flow in McKenna Creek appeared to have severely eroded the embankment of Cherry Bottom Road and it was observed that guardrail posts, along the edge of pavement on the southbound lane (which are normally embedded) were left exposed by the loss of embankment soil. Boring B-001 was located in the southbound lane in front of the distressed area. The planned location of Boring B-001 was moved slightly to avoid overhead utility wires near the proposed boring location.



## 3.2 Geology

Geologic references indicate that this project is near the border of the Columbus Lowland (west) and the Galion Glaciated Low Plateau (east) physiographic regions of Ohio, along the Berea Escarpment. Soil overburden in the Columbus Lowland physiographic region primarily consists of loamy, medium-lime Wisconsinian-age till over deep Devonian- to Mississippian-age carbonate rocks, shales, and siltstones. Soil overburden in the Galion Glaciated Low Plateau physiographic region primarily consists of medium- to low-lime Wisconsinian-age till over Mississippian-age shales and sandstones.

A review of available USGS bedrock mapping and ODNR water well logs indicates that bedrock is located near depths of 15 to 20 feet below the ground surface in Area #1, and at depths of more than 100 feet below the ground surface in Area #2. The "Ohio Karst Areas" map published by ODNR does not show any probable karst features in the immediate vicinity of the project site, and the "Abandoned Underground Mines of Ohio" map published by ODNR does not indicate the presence of underground mines near the project site. A review of Ohio Landslide Mapping indicates this site is located within an area of Ohio that has low incidence of slope failures.

## 3.3 Available Information

S&ME has reviewed the 2009 Geotechnical Engineering Report prepared by HC Nutting for the slope adjacent to Area #2. One (1) soil boring was performed for that project and a likely failure zone was identified at a depth between 7 and 10 feet. Bedrock was encountered at 31 feet.

No historic boring information was located for this project on the ODOT TIMS website.

## 4.0 Exploration

### 4.1 Field Exploration

One May 28, 2021, S&ME personnel selected and marked the locations of the three (3) structure borings (designated B-001-0-20, B-002-0-20, and B-004-0-20, hereafter referred to as B-001, B-002, and B-004) and the one (1) toe-of-slope boring (designated as B-003-0-20, hereafter referred to as B-003) using a hand-held GPS unit with sub-meter horizontal accuracy. The approximate locations of the borings are shown on the Plan of Borings submitted as Plates 2A and 2B in Appendix A.

During the period of June 9 through June 11, 2021, the structure borings were performed by an ATV-mounted drilling rig using a 3¼" I.D. hollow-stem auger to advance the borings. Disturbed but representative soil samples were obtained at regular intervals by lowering a 2-inch O.D. split-barrel sampler through the auger stem to the bottom of the boring where the sampler was driven 18-inches into the soil by blows from a 140-pound hammer freely falling 30-inches (AASHTO T206, Standard Penetration Test – SPT). In accordance with ODOT specifications, split-barrel samples were attempted at 2½-foot intervals to a depth 20 feet below the proposed footing elevation, and at a maximum of 5-foot intervals thereafter. These disturbed samples were examined immediately after recovery, with representative portions preserved in airtight containers. The hammer on the drill rig was calibrated in accordance with ASTM D4633 and had a drill rod energy ratio of 78.7%. Relatively undisturbed (Shelby Tube) samples were attempted during the drilling program in the structure borings where appropriate. Rock coring



using a NQ2 core barrel with water as circulating fluid was performed in boring B-004 to a termination depth of 40.5 feet.

Following the completion of the structure borings, on June 23, 2021, boring B-003 was performed by a hand auger to advance the boring. Disturbed but representative soil samples were obtained at continuous intervals by lowering a 2-inch O.D. split-barrel sampler to the bottom of the boring where the sampler was driven 18-inches into the soil by blows from a 35-pound hammer freely falling 30-inches. These disturbed samples were examined immediately after recovery, with representative portions preserved in airtight containers. In this boring, auger/sampler refusal was encountered at 6.3 feet on an apparent cobble.

Groundwater observations were made as the borings were being advanced, and again after the completion of drilling. Groundwater was encountered in all borings. Representative groundwater observations could not be obtained at the completion of drilling in boring B-004 as water was added as the circulating fluid for rock coring. At all boring locations in the roadway, the existing pavement surface was repaired with an equivalent thickness of cold patch asphalt.

In the field, experienced personnel performed the following specific duties: preserved all recovered samples; prepared a log for the borings; made seepage and groundwater observations; obtained hand-penetrometer measurements in soil samples exhibiting cohesion; and coordinated with S&ME personnel so that the program of exploration could be modified, if necessary, because of unanticipated conditions. All samples were transported to the laboratory of S&ME for further identification and testing.

## **4.2 Laboratory Testing**

In the laboratory, under the direction of a Professional Engineer, all samples were visually identified and tested for moisture content. Selected samples were tested for liquid and plastic (Atterberg) limits, and particle-size distribution. Results of these laboratory tests are included on the boring logs presented in Appendix A.

Based on the results of the laboratory testing program, soil descriptions on the field logs were modified, where necessary, and copies of the laboratory-corrected logs of the borings have been submitted as Plates 5 through 11 in Appendix A. Show on these logs are: descriptions of the soil stratigraphy encountered; depths from which samples were preserved; sampling efforts (blow-counts) required to obtain the specimens in the borings; seepage and groundwater observations; and, the values of the hand-penetrometer measurements made in soil samples exhibiting cohesion.

Soil described in this report have been classified in general accordance with Section 603 of the current (January 2021) ODOT *SGE*, and described in general accordance with Section 602, including the use of adjectives to designate the approximate percentages of minor soil components. An explanation of the symbols and terms used on the boring logs and definitions of the special adjectives used to denote minor soil components are presented as Plates 3 and 4 of Appendix A.

Photographs of the recovered rock core samples are presented on Plate 12 of Appendix A. Results of Unconfined Compressive Strength Tests conducted on soil and rock samples are presented on Plates 13 and 14 of Appendix A.



## 5.0 Exploration Findings

### 5.1 Existing Pavement Thicknesses

Table 5-1 summarizes the thicknesses of existing pavement encountered in the borings performed for this project.

**Table 5-1: Summary of Existing Pavement Section Thicknesses**

Boring No.	Asphalt	Granular Base
B-001-0-20	10"	8"
B-002-0-20	10"	8"
B-004-0-20	8"	4"

### 5.2 General Subsurface Conditions

Beneath 12 to 18 inches of asphalt and granular base in Borings B-001, B-002, and B-004, and 11 inches of topsoil in Boring B-003, the general subsurface stratigraphy encountered in the borings performed for this project may be described in descending order as follows:

- 5.5 to 12.5 feet of natural cohesive soil consisting of stiff to hard brown to gray SANDY SILT (A-4a), SILTY CLAY (A-6b) and CLAY (A-7-6). In Boring B-001, a discontinuous zone of loose brown GRAVEL WITH SAND, SILT AND CLAY (A-2-6) was encountered at a depth of 6.0 to 7.5 feet in this stratum. In Boring B-003, very-soft dark-brown and loose gray-brown SANDY SILT (A-4a) was encountered from a depth of 2.5 to 5.5 feet in this stratum and the boring was terminated after further advancement through 0.8 feet of granular soil consisting of very-dense GRAVEL WITH SAND AND SILT (A-2-4).
- 15.0 to 22.5 feet of granular soils consisting of medium-dense to very-dense brown to gray GRAVEL (A-1-a), GRAVEL WITH SAND (A-1-b), GRAVEL WITH SAND AND SILT (A-2-4), GRAVEL WITH SAND, SILT AND CLAY (A-2-6), and COARSE AND FINE SAND (A-3a) in borings B-001, B-002 and B-004.
- 11.5 feet of natural cohesive soil consisting of hard gray SANDY SILT (A-4a) and SILT AND CLAY (A-6a) in boring B-001. In Boring B-001, this stratum was noted as having a 6-inch layer of dense gray COARSE AND FINE SAND (A-3a) from 38.9 to 39.4 feet in depth.
- 12.0 feet of dark-gray very-weak to weak SHALE bedrock in Boring B-004. Top of competent bedrock was noted at a depth of 30.5 feet in this boring.

Please refer to the individual boring logs (Plates 5 through 11 in Appendix A) for more detailed information at each exploration location. Because of the wide spacing between explorations, inferences should not be made regarding the subsurface conditions in the areas between or away from the borings without performing additional borings or other field verification.



### **5.3 Seepage and Groundwater Observations**

Groundwater and seepage observations were made during drilling as each boring was advanced. Groundwater was encountered in all borings. Groundwater was initially encountered between Elevations 798.3 and 801.2 in the three (3) structure borings, and at Elevation 801.3 in Boring B-003. At the completion of all structure borings groundwater had accumulated inside the hollow-stem augers between depths of 10.5 to 13.5 feet. Note that water was added to Boring B-004 to facilitate rock coring, therefore, observations noted after the addition of water or at completion of the drilling are not representative of natural, or long-term groundwater conditions.

All groundwater levels and seepage measurements should be considered as temporary, short-term observations and should not be assumed to be representative of the long-term static groundwater level. Groundwater levels can fluctuate due to seasonal variations in precipitation, construction activities, etc.

### **5.4 Seismic Site Classification**

Based on the subsurface stratigraphy encountered within the borings, it is the opinion of S&ME that this site is best characterized by AASHTO *LRFD* Table 3.10.3.1-1 as seismic site class D.

## **6.0 Data Report Summary**

This Data Report is being submitted to the City of Gahanna to summarize the geotechnical information developed to date. If required, S&ME will prepare and submit a "Draft" Structural Foundation/Embankment exploration report required by the ODOT *SGE* after an alternative has been selected by the City and structure loading information and embankment analyses has been finalized.

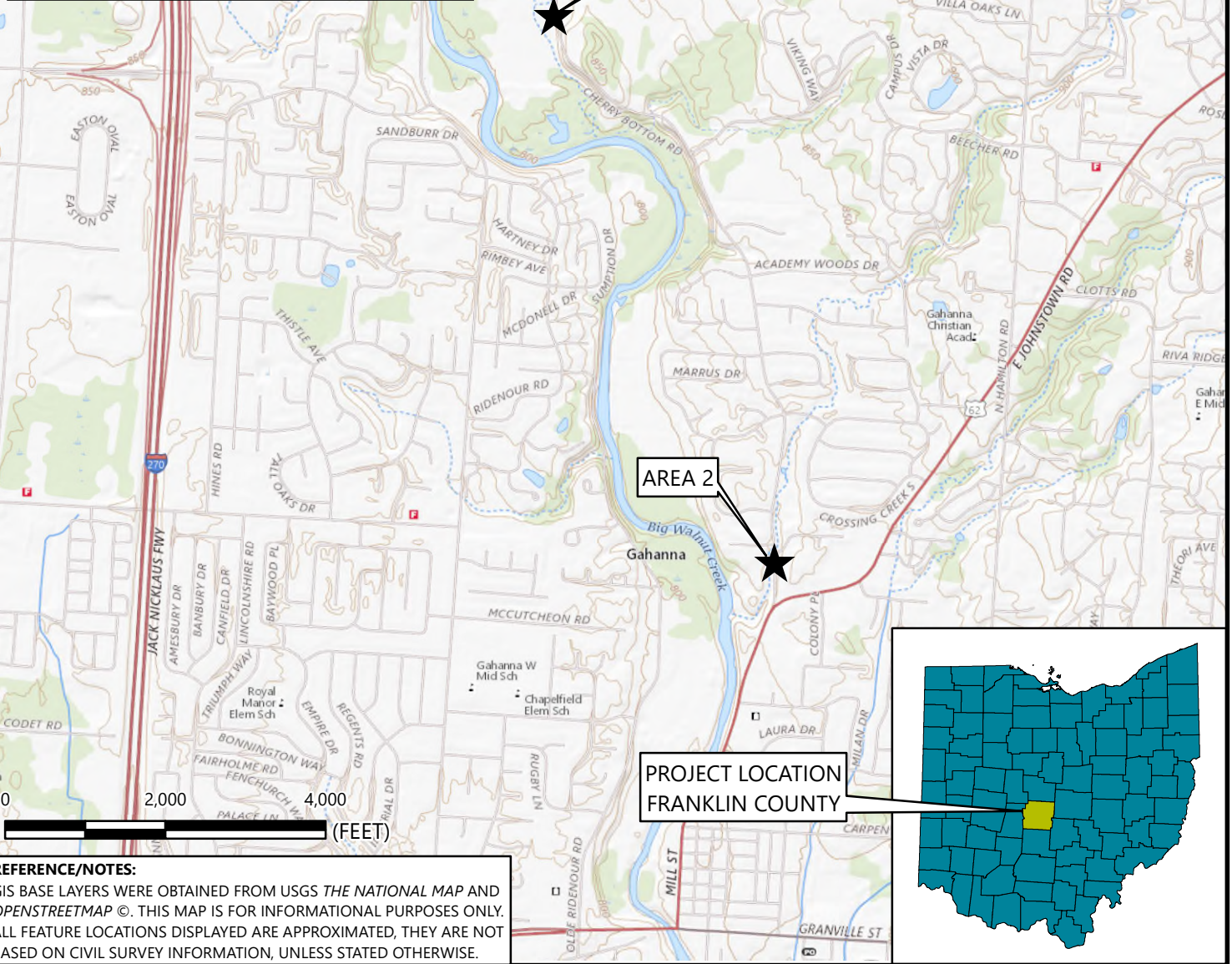
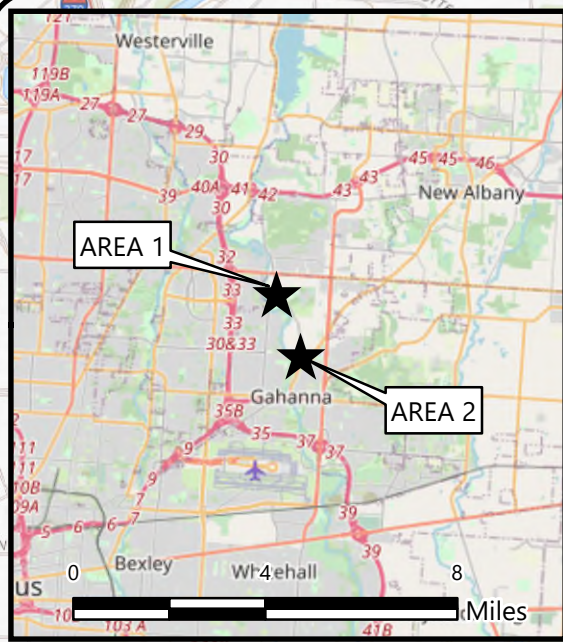


## Appendices



## **Appendix A – Plates 1 through 15**

Drawing Path: C:\Users\jhaydu\OneDrive - S&ME, Inc\Former P Drive\GIS Projects Folder\205464 - Cherry Bottom Road Slope Stabilization.mxd plotted by JHaydu.08-04-2021



**REFERENCE/NOTES:**  
 GIS BASE LAYERS WERE OBTAINED FROM USGS THE NATIONAL MAP AND OPENSTREETMAP ©. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED, THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.



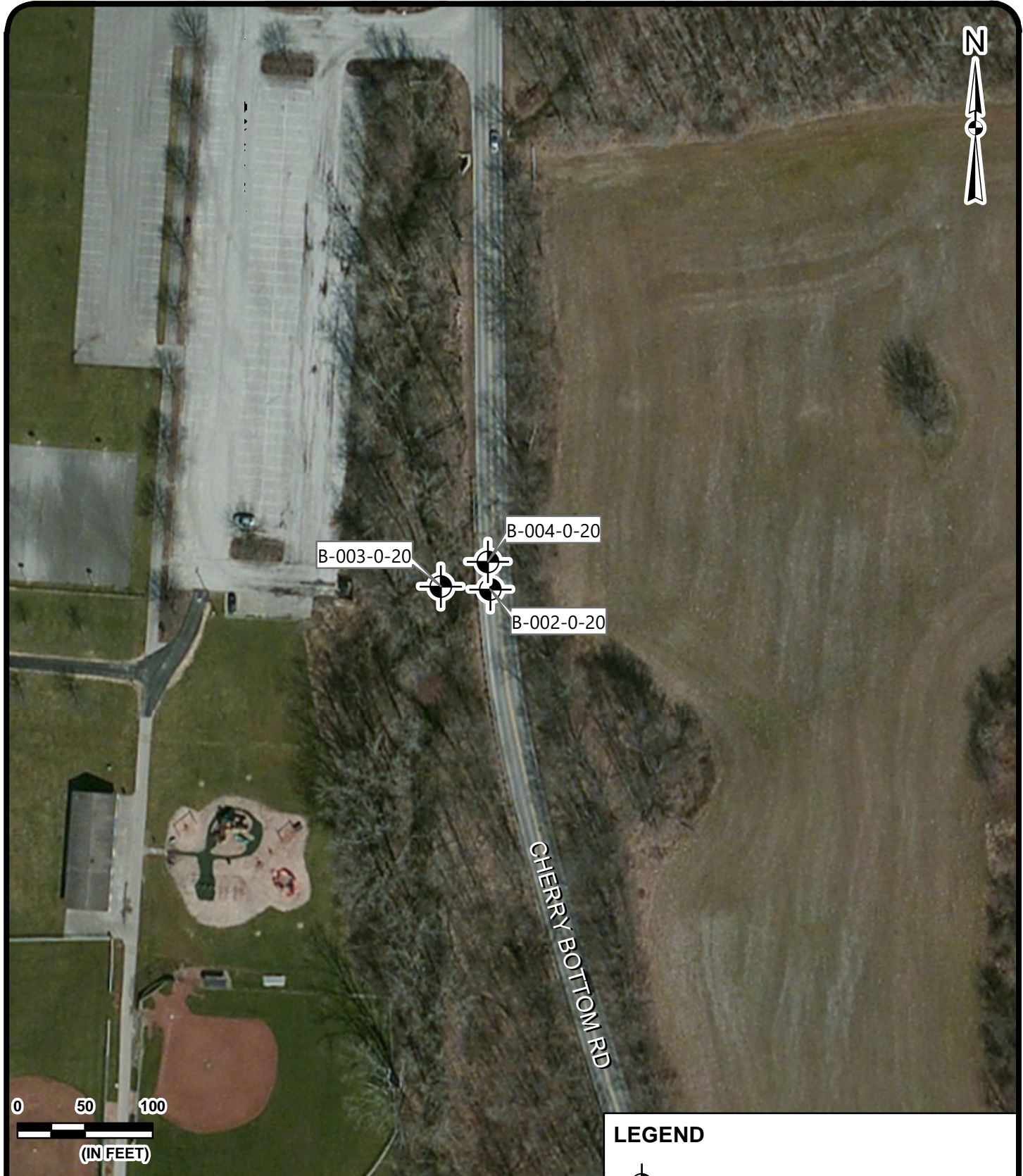
## VICINITY MAP

CHERRY BOTTOM ROAD SLOPE STABILIZATION  
 GAHANNA, FRANKLIN COUNTY, OHIO

SCALE:  
 1" = 2,000'  
 DATE:  
 8-4-21  
 PROJECT NUMBER  
 205464

PLATE No.  
**1**





0 50 100  
(IN FEET)

**LEGEND**

 APPROXIMATE BORING LOCATIONS

THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.



**PLAN OF BORINGS**

CHERRY BOTTOM ROAD SLOPE STABILIZATION - AREA 1  
GAHANNA, FRANKLIN COUNTY, OHIO

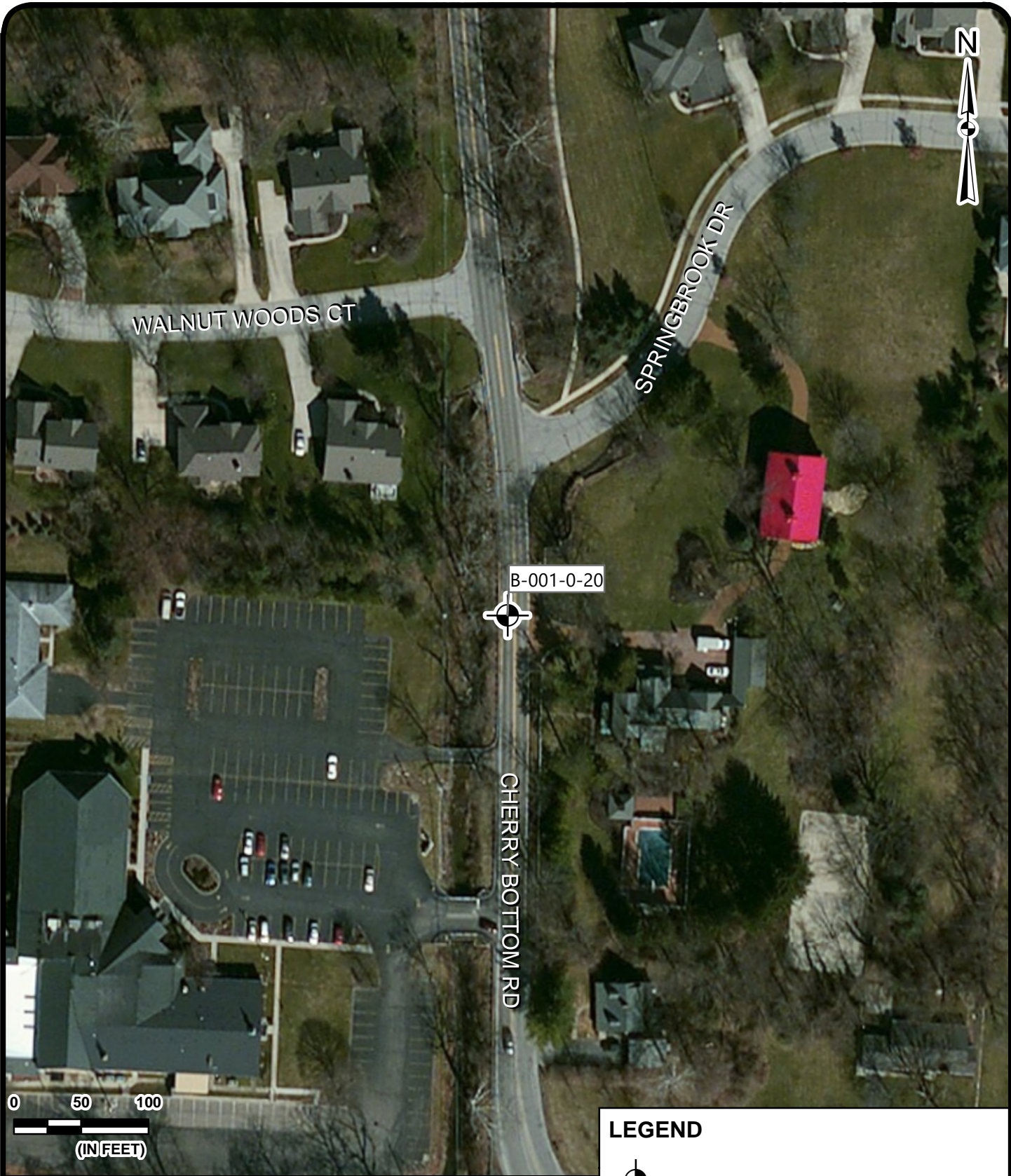
SCALE:  
1" = 100'

DATE:  
8-4-21

PROJECT NO:  
205464

PLATE No.

**2A**



THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

**LEGEND**



APPROXIMATE BORING LOCATION



**PLAN OF BORINGS**

CHERRY BOTTOM ROAD SLOPE STABILIZATION - AREA 2  
GAHANNA, FRANKLIN COUNTY, OHIO

SCALE:  
1" = 100'  
DATE:  
8-4-21  
PROJECT NO:  
205464

PLATE No.

**2B**

## EXPLANATION OF SYMBOLS AND TERMS USED ON BORING LOGS FOR SAMPLING AND DESCRIPTION OF SOIL

### SAMPLING DATA

- █ - Indicates sample was attempted within this depth interval.
- 2 - The number of blows required for each 6-inch increment of penetration of a "Standard" 2-inch O.D. split-barrel sampler, driven a distance of 18 inches by a 140-pound hammer freely falling 30 inches (SPT). The raw "blowcount" or "N" is equal to the sum of the second and third 6-inch increments of penetration.
- 3
- 5
- N<sub>60</sub> - Corrected Blowcount = [(Drill Rod Energy Ratio) / (0.60 Standard)] X N
- SS - Split-barrel sampler, any size.
- ST - Shelby tube sampler, 3" O.D., hydraulically pushed.
- R - Refusal of sampler in very-hard or dense soil, or on a resistant surface.
- 50-0.3' - Number of blows (50) to drive a split-barrel sampler a certain distance (0.3 feet), other than the normal 6-inch increment.

### DEPTH DATA

- W - Depth of water or seepage encountered during drilling.
- ▼ AD - Depth to water in boring after drilling (AD) is terminated.
- ▼ 5 days - Depth to water in monitoring well or piezometer in boring a certain number of days (5) after termination of drilling.
- TR - Depth to top of rock.

### SOIL DESCRIPTIONS

Soils have been classified in general accordance with Section 603 of the most recent ODOT SGE, and described in general accordance with Section 602, including the use of special adjectives to designate approximate percentages of minor components as follows:


<u>Adjective</u>	<u>Percent by Weight</u>
trace	1 to 10
little	10 to 20
some	20 to 35
"and"	35 to 50

The following terms are used to describe density and consistency of soils:

<u>Term (Granular Soils)</u>	<u>Blows per foot (N<sub>60</sub>)</u>
Very-loose	Less than 5
Loose	5 to 10
Medium-dense	11 to 30
Dense	31 to 50
Very-dense	Over 50
<u>Term (Cohesive Soils)</u>	<u>Qu (tsf)</u>
Very-soft	Less than 0.25
Soft	0.25 to 0.5
Medium-stiff	0.5 to 1.0
Stiff	1.0 to 2.0
Very-stiff	2.0 to 4.0
Hard	Over 4.0

## EXPLANATION OF SYMBOLS AND TERMS USED ON BORING LOGS FOR SAMPLING AND DESCRIPTION OF ROCK

### SAMPLING DATA

	<p>When bedrock is encountered and rock core samples are attempted, the length of core recovered and lost during the core run is reported in the "REC" column. The type of rock core barrel utilized is recorded under the heading "Sampling Method" at the top of the boring log, and also in the "SAMPLE ID" column. Rock-core barrels can be of either single- or double-tube construction, and a special series of double-tube barrels, designated by the suffix M, may also be used to obtain maximum core recovery in very-soft or fractured rock. Four basic groups of barrels are used most often in subsurface investigations for engineering purposes, and these groups and the diameters of the cores obtained are as follows:</p>	<table border="0"> <tr> <td style="padding-right: 20px;">AX, AW, AXM, AWM</td> <td>- 1-1/8 inches</td> </tr> <tr> <td>BX, BW, BXM, BWM</td> <td>- 1-5/8 inches</td> </tr> <tr> <td>NX, NW, NXM, NWM</td> <td>- 2-1/8 inches</td> </tr> <tr> <td>NQ, NQ2</td> <td>- 1-7/8 inches</td> </tr> </table>	AX, AW, AXM, AWM	- 1-1/8 inches	BX, BW, BXM, BWM	- 1-5/8 inches	NX, NW, NXM, NWM	- 2-1/8 inches	NQ, NQ2	- 1-7/8 inches
AX, AW, AXM, AWM	- 1-1/8 inches									
BX, BW, BXM, BWM	- 1-5/8 inches									
NX, NW, NXM, NWM	- 2-1/8 inches									
NQ, NQ2	- 1-7/8 inches									

Rock Quality Designation (RQD) is expressed as a percentage and is obtained by summing the total length of all core pieces which are at least 4 inches long and then dividing this sum by, either, the total length of core run or the length of the core run in a particular bedrock stratum. The RQD value is reported as a percentage in the "SPT/RQD" column. It has been found that there is a reasonably good relationship between the RQD value and the general quality of rock for engineering purposes. This relationship is shown as follows:

<u>RQD - %</u>	<u>General Quality</u>
0 - 25	Very-poor
25 - 50	Poor
50 - 75	Fair
75 - 90	Good
90 - 100	Excellent

### ROCK HARDNESS

Recovered bedrock samples are described in general accordance with Section 605 of the latest ODOT SGE and subsequent revisions, where necessary. The following terms are used to describe rock hardness:

<u>Term</u>	<u>Meaning</u>
Very Weak	Rock can be excavated readily with the point of a pick and carved with a knife. Pieces 1 inch or greater in thickness can be broken by finger pressure. Can be scratched with a fingernail.
Weak	Rock can be grooved or gouged readily by a knife or pick, and can be excavated in small fragments with moderate blows from a pick point. Small, thin pieces may be broken with finger pressure.
Slightly Strong	Rock can be grooved or gouged 0.05 inches deep with firm pressure from a knife or pick point, and can be excavated in small chips to pieces of 1 inch maximum size using hard blows from the point of a geologist's pick.
Moderately Strong	Rock can be scratched with a knife or pick. Grooves or gouges to ¼ inch deep can be excavated by hard blows of a geologist's pick. Requires moderate hammer blows to detach a hand specimen.
Strong	Rock can be scratched with a knife or pick only with difficulty. Requires hard hammer blows to detach a hand specimen. Sharp and resistant edges are present on hand specimens.
Very Strong	Rock cannot be scratched by a knife or sharp pick. Breaking of hand specimens requires repeated hard blows of a geologist's hammer.
Extremely Strong	Rock cannot be scratched by a knife or sharp pick. Chipping of hand specimens requires repeated hard blows of a geologist's hammer.



PROJECT: <u>CHERRY BOTTOM ROAD</u>	DRILLING FIRM / OPERATOR: <u>S&amp;ME / P. TUTTLE</u>	DRILL RIG: <u>S&amp;ME CME 550X (R50)</u>	STATION / OFFSET: _____	EXPLORATION ID
TYPE: <u>RETAINING WALL</u>	SAMPLING FIRM / LOGGER: <u>S&amp;ME / D. VER HULST</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CHERRY BOTTOM ROAD</u>	<b>B-001-0-20</b>
PID: _____ BR ID: _____	DRILLING METHOD: <u>3.25" HSA</u>	CALIBRATION DATE: <u>3/4/21</u>	ELEVATION: <u>807.6 (MSL)</u> EOB: <u>45.0 ft.</u>	PAGE
START: <u>6/11/21</u> END: <u>6/11/21</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>78.7</u>	COORD: <u>40.031396 N, 82.875362 W</u>	1 OF 2

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N <sub>60</sub>	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	BACK FILL	
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT - 10 INCHES	807.6																		
GRANULAR BASE - 8 INCHES	806.8																		
Very-stiff to hard gray-brown <b>SANDY SILT</b> , some fine to coarse gravel, damp.	806.1	1	7	5	10	56	SS-1	3.2-4.5	-	-	-	-	-	-	-	-	13	A-4a (V)	
Very-stiff brown to dark-brown <b>SILTY CLAY</b> , some fine to coarse gravel, some fine to coarse sand, damp.	804.1	2	4	5	7	16	72	SS-2	3.7-4.0	35	17	11	16	21	39	17	22	16	A-6b (3)
		3																	
Loose brown <b>GRAVEL WITH SAND, SILT AND CLAY</b> , contains iron oxide stains, moist.	801.6	4	3	4	2	8	47	SS-3	-	-	-	-	-	-	-	-	-	-	A-2-6 (V)
		5																	
Medium-stiff to stiff gray-brown <b>SILT AND CLAY</b> , some fine to coarse gravel, some fine to coarse sand, contains iron oxide stains, moist.	800.1	6																	
		7																	
Dense to very-dense brown <b>GRAVEL WITH SAND AND SILT</b> , trace clay, moist to wet.	796.6	8				100	ST-4	1.0	26	13	13	34	14	29	18	11	23	A-6a (3)	
		9																	
Dense to very-dense brown <b>GRAVEL WITH SAND AND SILT</b> , trace clay, moist to wet.	791.6	10																	
		11	7	14	14	37	44	SS-5	-	-	-	-	-	-	-	-	-	15	A-2-4 (V)
Medium-dense brown <b>GRAVEL WITH SAND</b> , little silt, trace clay, moist to wet.	789.1	12	15	29	50-3"	-	40	SS-6	-	53	17	8	17	5	-	-	-	16	A-2-4 (V)
		13																	
Medium-dense to dense brown to gray <b>GRAVEL WITH SAND AND SILT</b> , trace to little clay, moist to wet.	789.1	14	8	6	6	16	44	SS-7	-	-	-	-	-	-	-	-	-	15	A-1-b (V)
		15																	
- SS-8 contains iron oxide stains.	789.1	16	3	5	11	21	39	SS-8	-	-	-	-	-	-	-	-	-	14	A-2-4 (V)
		17																	
- SS-8 contains iron oxide stains.	789.1	18	8	8	8	21	44	SS-9	-	-	-	-	-	-	-	-	-	15	A-2-4 (V)
		19																	
- SS-8 contains iron oxide stains.	789.1	20	6	5	6	14	56	SS-10	-	-	-	-	-	-	-	-	-	14	A-2-4 (V)
		21																	
- SS-8 contains iron oxide stains.	789.1	22																	
		23																	
- SS-8 contains iron oxide stains.	789.1	24																	
		25																	

S&ME ODOT LOG (8.5X11) - SGE 01/2019 - OH DOT.GDT - 10/27/21 17:23 - T:\CS\RESOURCES\COLUMBUS\GINT\PROJECTS\205464.GPJ



PID: _____		BR ID: _____		PROJECT: CHERRY BOTTOM ROAD		STATION / OFFSET: _____		START: 6/11/21		END: 6/11/21		PG 2 OF 2		B-001-0-20								
MATERIAL DESCRIPTION AND NOTES				ELEV.	DEPTHS	SPT/RQD	N <sub>60</sub>	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	BACK FILL		
											GR	CS	FS	SI	CL	LL	PL	PI			WC	
Medium-dense to dense brown to gray <b>GRAVEL WITH SAND AND SILT</b> , trace to little clay, moist to wet. (continued)				782.6	26	5																
					27	6	43	61	SS-11	-	-	-	-	-	-	-	-	-	-	-	14	A-2-4 (V)
Very-dense gray <b>GRAVEL WITH SAND</b> , little silt, trace clay, contains sandstone fragments, moist to wet.				776.6	28																	
					29	12	41	67	SS-12	-	58	18	7	12	5	-	-	-	-	-	14	A-2-4 (V)
Hard brown to gray <b>SILT AND CLAY</b> , some fine to coarse sand, little fine to coarse gravel, damp.				774.1	30																	
					31	36	67	78	SS-13	-	-	-	-	-	-	-	-	-	-	-	15	A-1-b (V)
Dense gray <b>COARSE AND FINE SAND</b> , little silt, trace clay, wet.				768.7	32																	
				768.2	33																	
Hard gray <b>SANDY SILT</b> , little to some fine to coarse gravel, little to some clay, damp.				762.6	34	7	30	67	SS-14	4.5	12	13	17	30	28	28	14	14	13	A-6a (6)		
					35	9																
- ST-4 sample descended from tube upon retrieval. - Encountered seepage at 7.0'. - Encountered groundwater at 10.5'. - Water measured at 9.3' inside HSA at completion.					36																	
					37																	
NOTES: SEE ABOVE.					38																	
					39	12	43	89	SS-15A	4.0	-	-	-	-	-	-	-	-	-	-	13	A-6a (V)
ABANDONMENT METHODS, MATERIALS, QUANTITIES: ASPHALT PATCH; SOIL CUTTINGS MIXED WITH BENTONITE					40	12																
					41	21																23
					42																	
					43																	
					44	14	52	89	SS-16	4.5	-	-	-	-	-	-	-	-	14	A-4a (V)		
					45	23																

S&ME ODOT LOG (8.5X11) - SGE 01/2019 - OH DOT.GDT - 10/27/21 17:23 - T:\CS\RESOURCES\COLUMBUS\GINTW\PROJECTS\205464.GPJ

PLATE 6



PROJECT: <u>CHERRY BOTTOM ROAD</u>	DRILLING FIRM / OPERATOR: <u>S&amp;ME / P. TUTTLE</u>	DRILL RIG: <u>S&amp;ME CME 550X (R50)</u>	STATION / OFFSET: _____	EXPLORATION ID: <b>B-002-0-20</b>
TYPE: <u>RETAINING WALL</u>	SAMPLING FIRM / LOGGER: <u>S&amp;ME / D. VER HULST</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CHERRY BOTTOM ROAD</u>	PAGE: _____
PID: _____ BR ID: _____	DRILLING METHOD: <u>3.25" HSA</u>	CALIBRATION DATE: <u>3/4/21</u>	ELEVATION: <u>813.2 (MSL)</u> EOB: <u>30.0 ft.</u>	1 OF 2
START: <u>6/10/21</u> END: <u>6/10/21</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>78.7</u>	COORD: <u>40.050010 N, 82.885223 W</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N <sub>60</sub>	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI			
ASPHALT - 10 INCHES	813.2																	
GRANULAR BASE - 8 INCHES	811.7																	
Very-stiff to hard brown <b>SILTY CLAY</b> , some fine gravel, some fine to coarse sand, damp.	809.7	1	4	14	67	SS-1	3.2-4.5	-	-	-	-	-	-	-	17	A-6b (V)		
Stiff brown <b>SILTY CLAY</b> , some fine gravel, some fine to coarse sand, moist.	807.2	2	1	8	39	SS-2	1.0-2.0	-	-	-	-	-	-	-	20	A-6b (V)		
Hard brown to dark-gray <b>SILT AND CLAY</b> , some fine to coarse sand, trace fine gravel, slightly organic, damp.	805.2	3	3	16	100	SS-3	4.5	7	7	20	39	27	32	17	15	17	A-6a (8)	
Stiff to very-stiff brown <b>SILTY CLAY</b> , some fine to coarse sand, trace fine gravel, damp to moist. - From 8.8' to 9.3': Unconfined Compressive Strength Test = 2.003 ksf.	802.2	4			100	ST-4	1.5-4.0	2	5	28	31	34	38	16	22	20	A-6b (11)	
Very-loose brown <b>GRAVEL WITH SAND, SILT AND CLAY</b> , moist.	801.7	5	1	3	89	SS-5A	-	-	-	-	-	-	-	-	23	A-2-6 (V)		
Very-loose brown <b>COARSE AND FINE SAND</b> , little silt, trace clay, moist to wet.	799.7	6	1			SS-5B	-	-	-	-	-	-	-	-	28	A-3a (V)		
Medium-dense brown and gray-brown <b>COARSE AND FINE SAND</b> , little silt, trace fine gravel, trace clay, moist.	798.9	7	1	14	100	SS-6A	-	7	45	22	17	9	-	-	26	A-3a (V)		
Medium-dense brown <b>GRAVEL WITH SAND AND SILT</b> , little clay, moist.	792.2	8	4	7		SS-6B	-	-	-	-	-	-	-	-	12	A-2-4 (V)		
		9	5	22	61	SS-7	-	-	-	-	-	-	-	-	15	A-2-4 (V)		
		10	7	10														
		11	3	16	72	SS-8	-	-	-	-	-	-	-	-	16	A-2-4 (V)		
		12	5	7														
Dense gray <b>GRAVEL WITH SAND</b> , little silt, little clay, moist.		13	12	17	46	44	SS-9	-	-	-	-	-	-	-	16	A-1-b (V)		
		14	17	18														
		15																
		16	11	12	46	56	SS-10	-	-	-	-	-	-	-	15	A-1-b (V)		
		17	12	23														

S&ME ODOT LOG (8.5X11) - SGE 01/2019 - OH.DOT.GDT - 10/27/21 17:24 - T:\CS\RESOURCES\COLUMBUS\GINT\PROJECTS\205464.GPJ

PLATE 7







PROJECT: <u>CHERRY BOTTOM ROAD</u>	DRILLING FIRM / OPERATOR: <u>S&amp;ME / B. PUET</u>	DRILL RIG: <u>HAND AUGER</u>	STATION / OFFSET: _____	EXPLORATION ID <b>B-003-0-20</b>
TYPE: <u>RETAINING WALL</u>	SAMPLING FIRM / LOGGER: <u>S&amp;ME / B. PUET</u>	HAMMER: <u>35-LB DROP</u>	ALIGNMENT: <u>CHERRY BOTTOM ROAD</u>	
PID: _____ BR ID: _____	DRILLING METHOD: <u>HAND AUGER</u>	CALIBRATION DATE: <u>N/A</u>	ELEVATION: <u>804.3 (MSL)</u> EOB: <u>6.3 ft.</u>	PAGE 1 OF 1
START: <u>6/23/21</u> END: <u>6/23/21</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>9</u>	COORD: <u>40.050016 N, 82.885354 W</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N <sub>60</sub>	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI			
TOPSOIL - 11 INCHES	804.3																	
Very-stiff dark-brown <b>CLAY</b> , "and" silt, some fine to coarse sand, trace fine gravel, contains roots, slightly organic, moist.	803.4	1	12															
	801.8	2	17 10	4	100	SS-1	2.0- 2.7	1	6	24	39	30	41	22	19	23	A-7-6 (11)	
Very-soft dark-brown <b>SANDY SILT</b> , some fine to coarse gravel, little clay, slightly organic, moist to wet.	801.3	3	10															
	800.3	4	13 11	4	56	SS-2	0.0	-	-	-	-	-	-	-	-	45	A-4a (V)	
Loose gray-brown to brown <b>SANDY SILT</b> , little fine gravel, little clay, moist to wet.	798.8	5	9															
	798.0	6	8 40	7	61	SS-3	-	-	-	-	-	-	-	-	-	34	A-4a (V)	
Very-dense brown <b>GRAVEL WITH SAND AND SILT</b> , little clay, moist.	798.0	EOB	40 49-4"	-	60	SS-4	-	-	-	-	-	-	-	-	-	20	A-2-4 (V)	

- Encountered groundwater at 3.0'.
- Encountered cobble at 4.9'.
- Encountered auger/sampler refusal on apparent cobble at 6.3'.

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**PLATE 9**

NOTES: SEE ABOVE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: SOIL CUTTINGS MIXED WITH BENTONITE



PROJECT: <u>CHERRY BOTTOM ROAD</u>	DRILLING FIRM / OPERATOR: <u>S&amp;ME / P. TUTTLE</u>	DRILL RIG: <u>S&amp;ME CME 550X (R50)</u>	STATION / OFFSET: _____	EXPLORATION ID <b>B-004-0-20</b>
TYPE: <u>RETAINING WALL</u>	SAMPLING FIRM / LOGGER: <u>S&amp;ME / D. VER HULST</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CHERRY BOTTOM ROAD</u>	PAGE 1 OF 2
PID: _____ BR ID: _____	DRILLING METHOD: <u>3.25" HSA / NQ2</u>	CALIBRATION DATE: <u>3/4/21</u>	ELEVATION: <u>814.0 (MSL)</u> EOB: <u>40.5 ft.</u>	
START: <u>6/9/21</u> END: <u>6/10/21</u>	SAMPLING METHOD: <u>SPT / NQ2</u>	ENERGY RATIO (%): <u>78.7</u>	COORD: <u>40.050066 N, 82.885230 W</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N <sub>60</sub>	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	BACK FILL	
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT - 8 INCHES	814.0																		
GRANULAR BASE - 4 INCHES	813.0																		
Very-stiff brown <b>SILTY CLAY</b> , some fine to coarse sand, little fine gravel, damp.	810.5	1	12	7	16	0	--	-	-	-	-	-	-	-	-	-			
		2	7	5															
		3	6		100	SS-1	2.5-3.2	-	-	-	-	-	-	-	16	A-6b (V)			
Stiff brown mottled with gray <b>SILT AND CLAY</b> , some fine to coarse gravel, some fine to coarse sand, contains iron oxide stains and roots, moist.	808.0	4	1	2	10	78	SS-2	1.5-2.0	-	-	-	-	-	-	-	-	15	A-6a (V)	
		5		6															
		6	5	3	9	56	SS-3	3.5-4.5	-	-	-	-	-	-	-	-	16	A-6a (V)	
Very-stiff to hard brown mottled with gray <b>SILT AND CLAY</b> , some fine to coarse sand, little fine gravel, damp.	805.5	7		4															
		8																	
		9	2	3	7	78	SS-4A	1.7-2.5	13	13	18	23	33	40	18	22	21	A-6b (9)	
		10		2			SS-4B	1.7	-	-	-	-	-	-	-	-	-	23	A-6b (V)
		11				42	ST-5	1.2-1.7	-	-	-	-	-	-	-	-	-	22	A-6b (V)
Stiff to very-stiff brown mottled with gray to brown <b>SILTY CLAY</b> , some to "and" fine to coarse sand, trace to little fine gravel, damp to moist. - SS-4B contains iron oxide stains.	800.5	12																	
		13																	
Medium-dense brown <b>COARSE AND FINE SAND</b> , little silt, little clay, trace fine gravel, moist.	799.4	14	1	6	22	78	SS-6A	-	4	34	36	14	12	NP	NP	NP	27	A-3a (0)	
Medium-dense brown <b>GRAVEL WITH SAND AND SILT</b> , little clay, moist.	798.0	15		11			SS-6B	-	-	-	-	-	-	-	-	-	12	A-2-4 (V)	
Medium-dense brown <b>COARSE AND FINE SAND</b> , trace silt, trace clay, moist.	797.5	16	4	6	17	100	SS-7A	-	-	-	-	-	-	-	-	-	24	A-3a (V)	
Medium-dense brown <b>GRAVEL WITH SAND AND SILT</b> , trace clay, moist.	795.5	17		7			SS-7B	-	32	26	11	22	9	-	-	-	14	A-2-4 (V)	
Medium-dense brown to gray <b>GRAVEL WITH SAND</b> , little silt, little clay, moist.  - SS-8 contains iron oxide stains.	790.5	18																	
		19	3	6	14	39	SS-8	-	-	-	-	-	-	-	-	-	15	A-1-b (V)	
		20		5															
		21	6	9	20	56	SS-9	-	-	-	-	-	-	-	-	-	14	A-1-b (V)	
Medium dense gray-brown <b>GRAVEL WITH SAND AND SILT</b> , trace clay, contains iron oxide stains, moist.	790.5	22		6															
		23																	
		24	8	5	13	44	SS-10	-	-	-	-	-	-	-	-	-	15	A-2-4 (V)	

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PLATE 10



PID: _____		BR ID: _____		PROJECT: CHERRY BOTTOM ROAD		STATION / OFFSET: _____		START: 6/9/21		END: 6/10/21		PG 2 OF 2		B-004-0-20					
MATERIAL DESCRIPTION AND NOTES			ELEV.	DEPTHS	SPT/RQD	N <sub>60</sub>	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	BACK FILL
										GR	CS	FS	SI	CL	LL	PL	PI		
			789.0																
Dense gray-brown <b>GRAVEL WITH SAND</b> , little silt, trace clay, moist.			788.0	26	11														
				27	16	49	78	SS-11	-	-	-	-	-	-	-	-	14	A-1-b (V)	
				28	21														
<b>SHALE</b> , dark-gray, severely weathered, very-weak.			785.3	29	40	-	89	SS-12A SS-12B	-	-	-	-	-	-	-	-	11 13	A-1-b (V) Rock (V)	
				30	50-3"														
<b>SHALE</b> , dark-gray, highly weathered to severely weathered, very-weak to weak, nearly horizontally bedded, many horizontal fractures, few vertical fractures. (REC=90%)(RQD=33%)			783.5	31															
				32															
				33	33		90	NQ2-1	-									CORE	
				34															
				35															
<b>SHALE</b> , dark-gray, highly weathered to severely weathered, very-weak to moderately-strong, nearly horizontally bedded, many horizontal fractures, few vertical fractures. (REC=100%)(RQD=35%)			778.5	36															
				37															
				38	35		100	NQ2-2	-									CORE	
				39															
- From 39.3' to 39.8': Unconfined Compressive Strength Test = 2563 psi.			773.5	40															
				EOB															
<p>- Encountered groundwater at 13.5'.                      - Water measured at 13.0' inside HSA at completion.</p>																			
<p>NOTES: SEE ABOVE.</p>																			
<p>ABANDONMENT METHODS, MATERIALS, QUANTITIES: ASPHALT PATCH; SOIL CUTTINGS MIXED WITH BENTONITE</p>																			

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PLATE 11



		Date: 8/4/2021
		Photographer: PEL
<b>1</b>	<b>Location / Orientation</b>	Cherry Bottom Road, B-004-0-20.
	<b>Remarks</b>	NQ2-1 (30.5 to 35.5 ft) and NQ2-2 (35.5 to 40.5 feet).

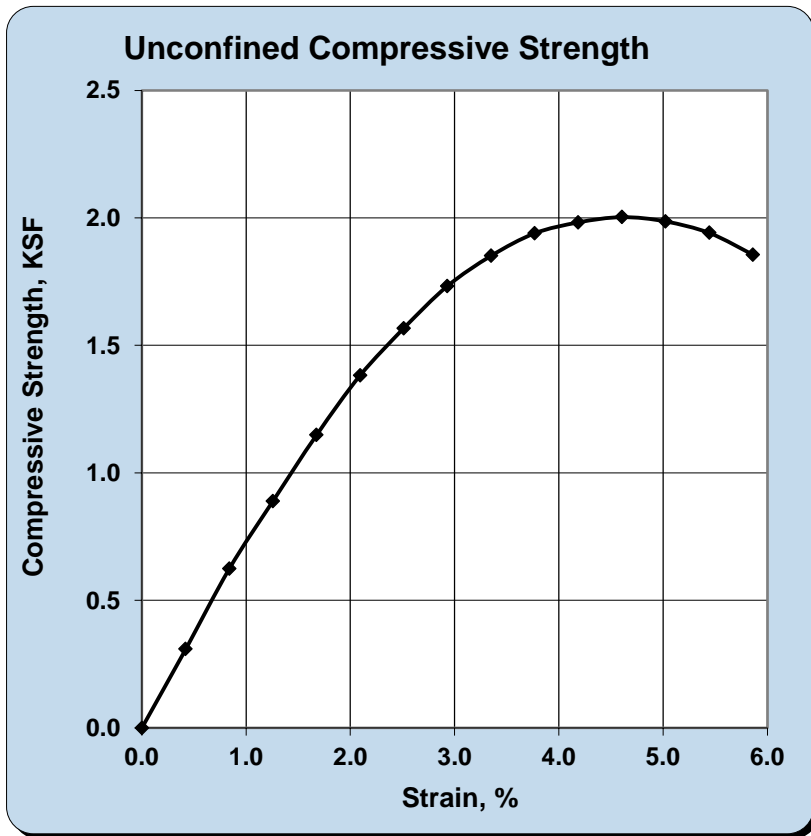
## UNCONFINED COMPRESSIVE STRENGTH OF COHESIVE SOILS



ASTM D2166

S&ME, Inc. - Columbus: 6190 Enterprise Court, Dublin, Ohio 43016

Project No.:	205464	Report Date:	7/8/2021
Project Name:	Cherry Bottom Road Landslide Investigation	Test Date(s):	6/29/2021
Client Name:	City of Gahanna		
Client Address:	200 South Hamilton Gahanna, Ohio 43230		
Boring No.:	B-002-0-20	Sample No.	ST-4 Sec. II
		Depth:	8.0' to 10.0'
Sample Description:	SILTY CLAY (A-6b), some fine to coarse sand, trace fine gravel.		



**Failed Specimen**



Type of Sample: Intact  
 Source of Moisture Sample: Test Specimen

Liquid Limit: 38  
 Plasticity Index: 22  
 Height to Diameter Ratio: 2.1  
 Rate of Strain (%/min.): 0.8  
 Strain at Failure: 4.6

Initial Dry Unit Weight: 111.3 pcf    Initial Water Content: 15.2%  
 Unconfined Compressive Strength,  $q_u$ : **2.003** KSF  
 Undrained Shear Strength,  $s_u$ : **1.002** KSF

References / Comments / Deviations:

Paula J. Manning <i>Technical Responsibility</i>	<i>Paula J. Manning</i> <i>Signature</i>	Laboratory Supervisor <i>Position</i>	7/8/2021 <i>Date</i>
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# UNIAXIAL COMPRESSIVE STRENGTH OF ROCK



*ASTM D 7012 Method C*

**Quality Assurance**

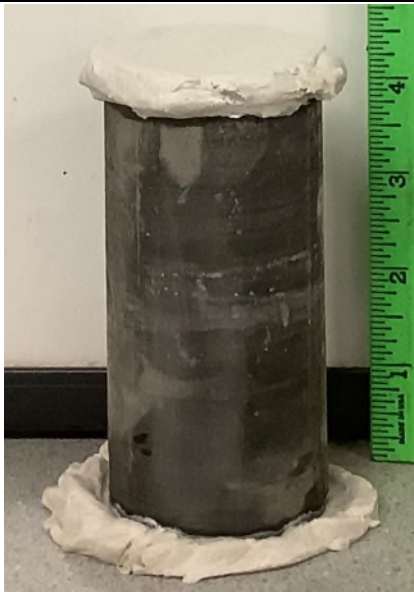
**S&ME, Inc. - Columbus: 6190 Enterprise Court, Dublin, Ohio 43016**

Project No.:	205464	Report Date:	07/08/21
Project Name:	Cherry Bottom Road Landslide Investigation	Test Date(s):	07/01/21
Client Name:	City of Gahanna		
Client Address:	200 S. Hamilton Road, Gahanna, Ohio	Received Date:	06/11/21
Boring ID:	B-004-0-20 / NQ2-2	Depth/Elev., ft:	39.3'-39.8'
Sample Description:	SHALE, dark-gray		

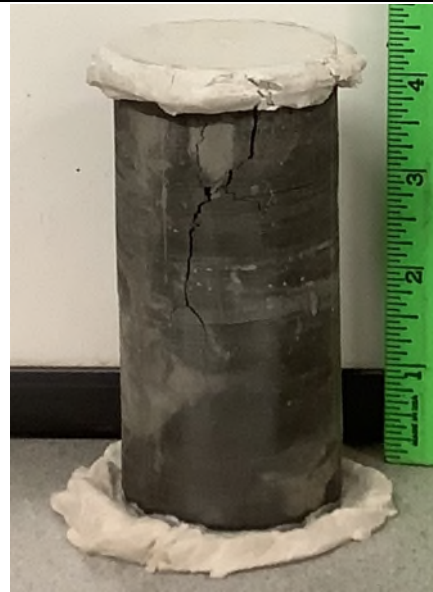
Angle of load relative to lithology: Approximately perpendicular to bedding plane

### Test Results

<i>Moisture Content</i>	2.6 %	<i>Dry Unit Weight</i>	152.3 pcf
	<b>Compressive Strength</b>	<b>2,563 psi</b>	



**Before Test**



**After Test**

*Strain rate: 0.03 in/min.*

**Notes / Deviations / References: Specimen end preparation not done in accordance with ASTM D4543.**

**Specimen capped using high strength gypsum in accordance with ASTM C617.**

**Test results for specimens not meeting this requirement may differ from test results obtained from specimens meeting this requirement.**

Paula J. Manning  
Technical Responsibility

Paula J. Manning  
Signature

Laboratory Manager  
Position

7/8/2021  
Date

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# Important Information About Your Geotechnical Engineering Report

*Variations in subsurface conditions can be a principal cause of construction delays, cost overruns and claims. The following information is provided to assist you in understanding and managing the risk of these variations.*

## **Geotechnical Findings Are Professional Opinions**

Geotechnical engineers cannot specify material properties as other design engineers do. Geotechnical material properties have a far broader range on a given site than any manufactured construction material, and some geotechnical material properties may change over time because of exposure to air and water, or human activity.

Site exploration identifies subsurface conditions at the time of exploration and only at the points where subsurface tests are performed or samples obtained. Geotechnical engineers review field and laboratory data and then apply their judgment to render professional opinions about site subsurface conditions. Their recommendations rely upon these professional opinions. Variations in the vertical and lateral extent of subsurface materials may be encountered during construction that significantly impact construction schedules, methods and material volumes. While higher levels of subsurface exploration can mitigate the risk of encountering unanticipated subsurface conditions, no level of subsurface exploration can eliminate this risk.

## **Geotechnical Findings Are Professional Opinions**

Professional geotechnical engineering judgment is required to develop a geotechnical exploration scope to obtain information necessary to support design and construction. A number of unique project factors are considered in developing the scope of geotechnical services, such as the exploration objective; the location, type, size and weight of the proposed structure; proposed site grades and improvements; the construction schedule and sequence; and the site geology.

Geotechnical engineers apply their experience with construction methods, subsurface conditions and exploration methods to develop the exploration scope. The scope of each exploration is unique based on available project and site information. Incomplete project information or constraints on the scope of exploration increases the risk of variations in subsurface conditions not being identified and addressed in the geotechnical report.

## **Services Are Performed for Specific Projects**

Because the scope of each geotechnical exploration is unique, each geotechnical report is unique. Subsurface conditions are explored and recommendations are made for a specific project.

Subsurface information and recommendations may not be adequate for other uses. Changes in a proposed structure location, foundation loads, grades, schedule, etc. may require additional geotechnical exploration, analyses, and consultation. The geotechnical engineer should be consulted to determine if additional services are required in response to changes in proposed construction, location, loads, grades, schedule, etc.

## **Geo-Environmental Issues**

The equipment, techniques, and personnel used to perform a geo-environmental study differ significantly from those used for a geotechnical exploration. Indications of environmental contamination may be encountered incidental to performance of a geotechnical exploration but go unrecognized. Determination of the presence, type or extent of environmental contamination is beyond the scope of a geotechnical exploration.

## **Geotechnical Recommendations Are Not Final**

Recommendations are developed based on the geotechnical engineer's understanding of the proposed construction and professional opinion of site subsurface conditions. Observations and tests must be performed during construction to confirm subsurface conditions exposed by construction excavations are consistent with those assumed in development of recommendations. It is advisable to retain the geotechnical engineer that performed the exploration and developed the geotechnical recommendations to conduct tests and observations during construction. This may reduce the risk that variations in subsurface conditions will not be addressed as recommended in the geotechnical report.



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Craig W. Butler, Director

I certify this to be a true and accurate copy of the official documents as filed in the records of the Ohio Environmental Protection Agency.

March 17, 2017

The Chief of Engineers  
HQUSACE  
Attn: CECW-OR  
Washington, D.C. 20314-1000

By: [Signature] Date: 3/17/17

Re: All Counties, Cities and Townships in Ohio  
Grant of Clean Water Act Section 401 Water Quality Certification  
Authorization of discharge of dredged or fill material to various waters of the State for the following Nationwide Permits as published in the January 6, 2017, *Federal Register* (Volume 82, Number 4)  
Ohio EPA ID Number 165184

Ohio EPA MAR 17 '17  
Entered Directors Journal

Dear Stakeholder:

Pursuant to section 401 of the Federal Water Pollution Control Act, 33 U.S.C. section 1341; Ohio Revised Code chapters 119 and 6111; Ohio Administrative Code chapters 3745-1, 3745-32 and 3745-49; and, the proposed United States Army Corps of Engineers (the Corps) regional conditions public noticed on June 14, 2016, I hereby certify that the Nationwide Permits (NWP) described herein as issued in the January 6, 2017 *Federal Register* and as listed below will comply with the applicable provisions of sections 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act. These certifications are specifically limited to Section 401 Water Quality Certifications (401 WQC) with respect to water pollution and do not relieve the applicant of further certifications or permits as may be necessary under applicable state and federal laws and/or local ordinances. The Corps Civil Works Projects in the State of Ohio are subject to the general and special limitations and conditions of this certification.

I have determined that any lowering of water quality in various waters of the state as authorized by these certifications is necessary. I have considered the technical, social and economic factors concerning these applications and their impact on waters of the state. These certifications are issued for impacts to waters of the state that may occur pursuant to activities authorized by the NWP, as listed below, provided the specified certification conditions are satisfied.

Nationwide Permits

1. Aids to Navigation (Section 10 Only - No 401 WQC Required)
2. Structures in Artificial Canals (Section 10 Only - No 401 WQC Required)
3. Maintenance
4. Fish and Wildlife Harvesting, Enhancement, and Attraction Devices and Activities
5. Scientific Measurement Devices
6. Survey Activities



7. Outfall Structures and Associated Intake Structures
8. Oil and Gas Structures on the Outer Continental Shelf (Section 10 Only - No 401 WQC Required)
9. Structures in Fleeting and Anchorage Areas (Section 10 Only - No 401 WQC Required)
10. Mooring Buoys (Section 10 Only - No 401 WQC Required)
11. Temporary Recreational Structures (Section 10 Only - No 401 WQC Required)
12. Utility Line Activities
13. Bank Stabilization
14. Linear Transportation Projects
15. U.S. Coast Guard Approved Bridges
16. Return Water From Upland Contained Disposal Areas
17. Hydropower Projects (Individual 401 WQC Required)
18. Minor Discharges
19. Minor Dredging
20. Response Operations for Oil or Hazardous Substances
21. Surface Coal Mining Activities (Individual 401 WQC Required)
22. Removal of Vessels
23. Approved Categorical Exclusions
24. Indian Tribe or State Administered Section 404 Programs (Section 10 Only - No 401 WQC Required)
25. Structural Discharges
26. [Reserved]
27. Aquatic Habitat Restoration, Establishment, and Enhancement Activities
28. Modifications of Existing Marinas (Section 10 Only - No 401 WQC Required)
29. Residential Developments
30. Moist Soil Management for Wildlife
31. Maintenance of Existing Flood Control Facilities
32. Completed Enforcement Actions
33. Temporary Construction, Access, and Dewatering
34. Cranberry Production Activities
35. Maintenance Dredging of Existing Basins (Section 10 Only - 401 WQC Required)
36. Boat Ramps
37. Emergency Watershed Protection and Rehabilitation
38. Cleanup of Hazardous and Toxic Waste
39. Commercial and Institutional Developments
40. Agricultural Activities
41. Reshaping Existing Drainage Ditches
42. Recreational Facilities
43. Stormwater Management Facilities
44. Mining Activities (Individual 401 WQC Required)
45. Repair of Uplands Damaged by Discrete Events
46. Discharges in Ditches (Individual 401 WQC Required)
47. [Reserved]

48. Commercial Shellfish Aquaculture Activities (Individual 401 WQC Required)
49. Coal Remining Activities
50. Underground Coal Mining Activities (Individual 401 WQC Required)
51. Land-Based Renewable Energy Generation Facilities
52. Water-Based Renewable Energy Generation Pilot Projects (Individual 401 WQC Required)
53. Removal of Low-Head Dams
54. Living Shorelines

**PART ONE: GENERAL LIMITATIONS AND CONDITIONS FOR ALL OHIO EPA CERTIFIED NATIONWIDE PERMITS**

**A. CULVERTS**

For intermittent and perennial streams:

1. When practicable, bottomless or buried culverts are required when culvert size is greater than 36" in diameter. This condition does not apply if the culverts have a gradient of greater than 1% grade or installed on bedrock. A buried culvert means that the bottom 10% by dimension shall be buried below the existing stream bed elevation.
2. The culvert shall be designed and sized to accommodate bankfull discharge and match the existing depth of flow to facilitate the passage of aquatic organisms.
3. When practicable, culverts shall be installed at the existing streambed slope, to allow for the natural movement of bedload and aquatic organisms.

**B. BEST MANAGEMENT PRACTICES**

1. Unless subject to a more specific storm water National Pollutant Discharge Elimination System (NPDES) permit, all best management practices for storm water management shall be designed and implemented in accordance with the most current edition of the NPDES construction general permit available at: <http://www.epa.ohio.gov/dsw/storm/index.aspx>, or any watershed specific construction general permit.
2. Sediment and erosion control measures and best management practices must be designed, installed, and maintained in effective operating condition at all times during construction activities as required by applicable NPDES permits. Proper maintenance ensures corrective measures will be implemented for failed controls within 48 hours of discovery.
3. For perennial and intermittent streams, in-stream sediment control measures shall not be utilized, with the exception of turbidity curtains parallel to the stream

bank, for the purpose of sediment collection. All sediment and erosion control measures shall be entirely removed and the natural grade of the site restored once construction is completed.

4. All avoided water resources and associated buffers/riparian areas shall be demarcated in the field and protected with suitable materials (e.g., silt fencing, snow fencing, signage, etc.) prior to site disturbance. These materials shall remain in place and be maintained throughout the construction process and shall be entirely removed once construction is completed.
5. Disturbance and removal of vegetation from the project construction area is to be avoided where possible and minimized to the maximum extent practicable. Entry to surface waters shall be through a single point of access to the maximum extent practicable to minimize disturbance to riparian habitat. Unavoidable temporary impacts to forested riparian habitat shall be restored as soon as practicable after in-water work is complete using tree and shrub species native to the specific ecoregion where the project is located.
6. All dredged material placed at an upland site shall be controlled so that sediment runoff to adjacent surface waters is minimized to the maximum extent practicable.
7. Straw bales shall not be used as a form of sediment control unless used in conjunction with another structural control such as silt fencing. Straw bales may be utilized for purposes of erosion control such as ditch checks.
8. Heavy equipment shall not be placed below the ordinary high water mark of any surface water, except when no other alternative is practicable.
9. Temporary fill for purposes of access or staging shall consist of suitable non-erodible material and shall be maintained to minimize erosion.
10. Chromated copper arsenate (CCA) and creosote treated lumber shall not be used in structures that come into contact with waters of the state.
11. All dewatering activities must be conducted in such a manner that does NOT result in a violation of water quality standards.
12. All areas of final grade must be protected from erosion within seven days.
13. All disturbed areas which remain dormant in excess of fourteen days must be protected from erosion within seven days from the last earth disturbing activity.
14. In the event of authorized in-stream activities, provisions must be established to redirect the stream flow around or through active areas of construction in a stabilized, non-erosive manner to the maximum extent possible.

### **C. MITIGATION**

1. Compensatory mitigation is required for the discharge of dredged or fill material into wetlands for permanent impacts exceeding 0.10 acres.
2. When required, compensatory mitigation shall be provided in accordance with chapters 3745-1 and 3745-32 of the Ohio Administrative Code.
3. When compensatory mitigation will be provided wholly or in part at a mitigation bank or through an in-lieu fee program, credit purchase shall only be authorized at those banks or in-lieu fee programs approved by the Interagency Review Team (IRT) and have an active instrument signed by the director of Ohio EPA.
4. Compensatory mitigation for stream impacts, if required, shall be conducted in accordance with the requirements in the applicable Nationwide Permit.

### **D. DIRECTOR'S AUTHORIZATION**

1. In accordance with the procedures outlined in Appendix A, Ohio EPA may grant coverage under this certification for any project that does not meet one or more of the terms and conditions for eligibility of this certification or where the district engineer has been granted authority to waive certain requirements. Coverage may be granted when Ohio EPA determines, consistent with the special limitations and conditions for each certification, and after considering comments received on the requested director's authorization, that a project will have such a minimal impact on water quality that an individual 401 WQC is not necessary provided all other terms and conditions of this certification have been met. If a director's authorization is not granted, an individual 401 WQC must be obtained. In no case may a director's authorization issued under this certification exceed an impact threshold authorized by the Corps' Nationwide Permit.

### **E. NOTIFICATION TO OHIO EPA**

1. For any activity proposed to be authorized under NWP's 3, 4, 5, 6, 7, 12, 13, 14, 15, 16, 18, 22, 23, 25, 27, 29, 30, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 45, 49, 51, 53, and 54, when a PCN is not required by the Corps, notification to Ohio EPA is required for impacts to the following resources:
  - a. category 3 wetlands;
  - b.  $\geq 0.10$  acres of wetland.
2. Notifications required by E.1 should contain all information required by Nationwide Permit General Condition 32(b) and (c), Regional General Condition 6, and Appendix B.

3. For any activity proposed to be authorized under NWP's 4, 6, 7, 12, 13, 14, 15, 16, 18, 22, 23, 25, 29, 30, 33, 34, 36, 37, 38, 39, 40, 41, 42, 43, 45, 51, 53, and 54, when a PCN is not required by the Corps, notification to Ohio EPA is required for impacts to streams located in possibly eligible areas as depicted in the GIS NWP's Stream Eligibility Map.
4. Notifications required by E.3 should contain all information required by Nationwide Permit General Condition 32(b) and (c), Regional General Condition 6, and Appendix C.
5. When notification to Ohio EPA is required by conditions E.1 and E.3 above, the applicant shall not begin the activity until either:
  - a. He or she is notified in writing by Ohio EPA that the activity may proceed under the 401 WQC for the NWP; or
  - b. 45 calendar days have passed from Ohio EPA's receipt of the notification and the applicant has not received written notice from Ohio EPA that additional information is necessary or that an individual 401 WQC is required.

#### **F. MISCELLANEOUS**

1. Authorization under this certification does not relieve the certification holder from the responsibility of obtaining any other federal, state or local permits, approvals or authorizations.
2. For purposes of this certification the Corps' definition of single and complete linear and non-linear projects shall be applied to all conditions regarding impacts, mitigation, and director's authorizations. If a project includes impacts that are ineligible under this certification, an applicant must apply for an individual 401 WQC or a director's authorization for those impacts to resources that do not meet one or more of the terms and conditions within this certification.
3. For purposes of this certification temporary impact means temporary activities which facilitate the nature of the activity or aid in the access, staging, or development of construction that are short term in nature and which are expected, upon removal of the temporary impact, to result in the surface water returning to conditions which support pre-impact biological function with minimal or no human intervention within 12 months following the completion of the temporary impact. Examples of temporary impacts include, but are not limited to access roads, work pads, staging areas, and stream crossings, including utility corridors. Activities that result in a wetland conversion (e.g. forested to non-forested) are not considered temporary impacts.

4. In the event that the issuance of a nationwide permit by the Corps requires individual 401 WQC for an activity that constitutes an emergency as defined in 33 CFR 325.2(e)(4), the limitation and/or condition requiring the individual 401 WQC is not applicable and the project may proceed upon approval by the Corps provided all other terms of this certification, including mitigation, are met.
5. Representatives from Ohio EPA, Division of Surface Water will be allowed to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of this certification. This includes, but is not limited to, access to and copies of any records that must be kept under the conditions of this certification; and, authorization to sample and/or monitor any discharge activity or mitigation site. Ohio EPA will make a reasonable attempt to notify the applicant of its intention to inspect the site in advance of that inspection.
6. Impacts as referenced in this certification consist of waters of the state directly impacted by the placement of fill or dredged material.
7. In accordance with the procedures outlined in Appendix B, and where specifically required in the special limitations and conditions of this certification, an applicant proposing to impact a wetland shall perform a wetland characterization analysis consistent with the Ohio Rapid Assessment Method (ORAM) to demonstrate wetland category for all projects requiring a PCN to the Corps or notification to Ohio EPA.
8. In accordance with the procedures outlined in Appendix C, and where specifically required in the special limitations and conditions of this certification, an applicant proposing to impact a stream shall determine the eligibility of the stream proposed for impact for all projects requiring a PCN to the Corps or notification to Ohio EPA.

**PART TWO: SPECIAL LIMITATIONS AND CONDITIONS FOR OHIO EPA CERTIFIED NATIONWIDE PERMITS**

***Nationwide Permit 1 (Aids to Navigation)***

No 401 WQC required.

***Nationwide Permit 2 (Structures in Artificial Canals)***

No 401 WQC required.

***Nationwide Permit 3 (Maintenance)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.

2. Temporary or permanent impacts to category 3 wetlands are limited to less than 0.1 acres for activities involving the repair, maintenance, replacement, or safety upgrades to existing infrastructure that meets the definition of public need. Ohio EPA will make the determination if a project meets public need during the ORAM verification process.
3. Temporary or permanent impacts to category 1 and category 2 wetlands are limited to 0.50 acres.
4. This certification does not authorize the replacement of existing structures that are open to the flow of water with structures that are not open to the flow of water.
5. For an individual stream, while the repair or replacement of an existing culvert of any length is not limited by this certification, any culvert extension shall not exceed 300 linear feet.
6. Replacement vertical bulkheads shall not be placed more than an average of one foot waterward of the intersection of the ordinary high water mark of the waterbody and the existing shoreline.
7. Removal of accumulated sediment shall occur only once per year and shall be limited to low-flow conditions, except in cases of emergency situations that threaten life or property.
8. For projects which involve temporary impacts to wetlands: upon the cessation of earth moving activities, any hydric topsoil removed from a wetland shall be separated and saved for later placement as the topmost backfill layer when the wetland is restored to grade.

***Nationwide Permit 4 (Fish and Wildlife Harvesting, Enhancement, and Attraction Devices and Activities)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP's Stream Eligibility Map, Appendix C;

- d. streams located in possibly eligible areas as depicted in the GIS NWPs Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. For an individual stream, while the repair or replacement of an existing culvert of any length is not limited by this certification, any culvert extension shall not exceed 300 linear feet.

***Nationwide Permit 5 (Scientific Measurement Devices)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. state wild and scenic rivers;
  - d. national wild and scenic rivers; and
  - e. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. For an individual stream, while the repair or replacement of an existing culvert of any length is not limited by this certification, any culvert extension shall not exceed 300 linear feet.

***Nationwide Permit 6 (Survey Activities)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts, other than the backfilling of exploratory-type bore holes



less than or equal to 12 inches in diameter, are proposed on or in any of the following waters:

- a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWPs Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWPs Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. For an individual stream, while the repair or replacement of an existing culvert of any length is not limited by this certification, any culvert extension shall not exceed 300 linear feet.

***Nationwide Permit 7 (Outfall Structures and Associated Intake Structures)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Except for maintenance activities authorized under this nationwide permit, individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWPs Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWPs Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;

- e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. For an individual stream, while the repair or replacement of an existing culvert of any length is not limited by this certification, any culvert extension shall not exceed 300 linear feet.

***Nationwide Permit 8 (Oil and Gas Structures on the Outer Continental Shelf)***

No 401 WQC required.

***Nationwide Permit 9 (Structures in Fleeting and Anchorage Areas)***

No 401 WQC required.

***Nationwide Permit 10 (Mooring Buoys)***

No 401 WQC required.

***Nationwide Permit 11 (Temporary Recreational Structures)***

No 401 WQC required.

***Nationwide Permit 12 (Utility Line Activities)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Except for maintenance activities authorized under this nationwide permit, individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 1 or 2 wetlands when impacts exceed 0.50 acres;
  - b. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - c. streams located in possibly eligible areas as depicted in the GIS NWP Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - d. state wild and scenic rivers;
  - e. national wild and scenic rivers; and

- f. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. Temporary or permanent impacts to category 3 wetlands are limited to less than 0.1 acres for activities involving the repair, maintenance, replacement, or safety upgrades to existing infrastructure that meets the definition of public need. Ohio EPA will make the determination if a project meets public need during the ORAM verification process.
4. Temporary or permanent impacts as a result of stream crossings shall not exceed a total of three per stream mile per stream.
5. For an individual stream, while the repair or replacement of an existing culvert of any length is not limited by this certification, any culvert extension shall not exceed 300 linear feet.
6. All hydric soils up to 12 inches in depth within wetlands shall be stockpiled and replaced as the topmost backfill layer. Best management practices, such as silt fencing and soil stabilization, shall be implemented to reduce erosion and sediment run-off into adjacent wetlands.
7. Buried utility lines shall be installed at a 90-degree angle to the stream bank to the maximum extent practicable. When a 90-degree angle is not possible, the length of any buried utility line within any single water body shall not exceed twice the width of that water body at the location of the crossing.
8. The total width of any excavation, grading or mechanized clearing of vegetation and soil shall not exceed a maximum of 50 feet.

***Nationwide Permit 13 (Bank Stabilization)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;

- d. streams located in possibly eligible areas as depicted in the GIS NWP Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. Bioengineering techniques shall be utilized, if practicable.
  4. Material used for bank stabilization shall be free from toxic contaminants in other than trace quantities, free of exposed rebar, and free of asphalt, tires, and debris.
  5. Material used for bank stabilization may consist of rock, stone, vegetative erosion control measures, broken concrete rubble, and clean soil.
  6. Vertical bulkheads shall not be placed more than one foot waterward of the intersection of the ordinary high water mark of the water body and the existing shoreline. Toe stone shall be placed at the base of the vertical bulkhead except in areas where the original shoreline is composed of bedrock and slopes are predominantly greater than 75 percent or where the placement of toe stone will interfere with shipping activity. When required, toe stone shall be placed at an average rate of one-third the total height of the exposed face of the vertical bulkhead at a 2:1 slope.

***Nationwide Permit 14 (Linear Transportation Projects)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Except for maintenance activities authorized under this nationwide permit, individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 1 and category 2 wetlands when impacts exceed 0.50 acres.
  - b. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;

- c. streams located in possibly eligible areas as depicted in the GIS NWP Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - d. state wild and scenic rivers;
  - e. national wild and scenic rivers; and
  - f. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. Temporary or permanent impacts to category 3 wetlands are limited to less than 0.1 acres for activities involving the repair, maintenance, replacement, or safety upgrades to existing infrastructure that meets the definition of public need. Ohio EPA will make the determination if a project meets public need during the ORAM verification process.
4. Temporary or permanent impacts as a result of stream crossings shall not exceed a total of three per stream mile per stream.
5. For an individual stream, while the repair or replacement of an existing culvert of any length is not limited by this certification, any culvert extension shall not exceed 300 linear feet.

***Nationwide Permit 15 (U.S. Coast Guard Approved Bridges)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWP Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;

- f. national wild and scenic rivers; and
- g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.

***Nationwide Permit 16 (Return Water from Upland Contained Disposal Areas)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in the any of following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWP's Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. This nationwide permit shall be limited to the authorization of the disposal of materials dredged from sites where there are no known areas of contaminated sediments, provided best management practices are used to minimize adverse impacts to water quality.

***Nationwide Permit 17 (Hydropower Projects)***

Individual 401 WQC is required for the use of this nationwide permit.

***Nationwide Permit 18 (Minor Discharges)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:

- a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.1 acre;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWP's Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. This nationwide permit shall not authorize disposal of dredged material into Lake Erie where that is the primary project purpose.

***Nationwide Permit 19 (Minor Dredging)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.

***Nationwide Permit 20 (Response Operations for Oil and Hazardous Substances)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. This certification does not authorize impacts, temporary or permanent, to wetlands for the purpose of spill response training exercises.

***Nationwide Permit 21 (Surface Coal Mining Activities)***

Individual 401 WQC is required for the use of this nationwide permit.

***Nationwide Permit 22 (Removal of Vessels)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:

- a. category 3 wetlands;
- b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
- c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
- d. streams located in possibly eligible areas as depicted in the GIS NWP's Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
- e. state wild and scenic rivers; and
- f. national wild and scenic rivers.

***Nationwide Permit 23 (Approved Categorical Exclusions)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. This certification only authorizes activities described in 23 CFR Part 771.117 of the Federal Highway Administration regulations.
3. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in potentially eligible areas as depicted in the GIS NWP's Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.



***Nationwide Permit 24 (Indian Tribe or State Administered Section 404 Program)***  
No 401 WQC required.

***Nationwide Permit 25 (Structural Discharges)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWP Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.

***Nationwide Permit 26 [Reserved]***

***Nationwide Permit 27 (Aquatic Habitat Restoration, Establishment, and Enhancement Activities)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. This certification does not authorize projects where the primary purpose of the project is not the restoration, enhancement and establishment of tidal and non-tidal wetlands and riparian areas and the restoration and enhancement of non-tidal streams and other non-tidal open waters.
3. Bank stabilization activities authorized under this nationwide permit must utilize bioengineering techniques.

4. This certification does not authorize impacts to more than 0.50 acres of category 2 forested wetlands associated with the construction of a wetland mitigation bank unless Ohio EPA is a signatory to an Interagency Review Team (IRT) instrument which addresses the impact.
5. Temporary and permanent impacts to category 3 wetlands are not authorized under this certification except for impacts to Lake Erie coastal wetlands<sup>1</sup>, which are category 3 wetlands for the following reasons:
  - a. the wetland scores less than 60 on the Quantitative Rating of the ORAM, is "hydrologically unrestricted" and contains a predominance of native species within vegetation communities (i.e., they are category 3 wetlands using the Narrative Rating of ORAM), but the wetland has been drained, farmed, or degraded and is unvegetated or sparsely vegetated with wetland annuals or is vegetated with one or several of the following species: *Butomus umbellatus*, *Lythrum salicaria*, *Myriophyllum spicatum*, *Najas minor*, *Phalaris arundinacea*, *Phragmites australis*, *Potamogeton crispus*, and/or *Typha angustifolia*; or
  - b. the wetland is diked and managed ("hydrologically restricted"), scores less than 60 on the Quantitative Rating of ORAM, is a category 3 wetland using the Narrative Rating of ORAM because of the presence of state or federally threatened or endangered species, and/or because of the documented presence of significant breeding or non-breeding bird concentration areas, and the proposed activities will not destroy, jeopardize or adversely affect, either directly or indirectly, *the continued existence of the threatened or endangered species*.
6. Impacts to Lake Erie coastal wetlands described above that are authorized under this NWP are as follows (no other impacts to category 3 wetlands except those described below that occur at Lake Erie coastal wetlands are authorized by this certification):
  - a. *Tile alteration*. Removing, altering, disabling drain tile or replacing perforated drain tile with non-perforated drain tile.
  - b. *De-leveling*. Re-grading for the purposes of microtopography to enhance hydrologic diversity, including the creation of shallow scrapes, channels, submerged islands and interconnected areas of deeper water is authorized. Final grade of any excavation, following topsoil replacement if applicable, shall not exceed 60-cm (approximately two feet).

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<sup>1</sup> "Lake Erie coastal wetland" means a wetland located at an elevation less than 575 feet on the USGS map, adjacent to this elevation or along a tributary to Lake Erie that is accessible to fish.

Replacement of the original excavated topsoil is required for all de-leveling activities except when the seed bank is dominated by invasive vegetation. In these cases, the area must be seeded by using a seed mix of native Ohio vegetation indigenous to the area/region where the project is located and appropriate for the hydrological regime present in the area. Excess spoils that are not able to be incorporated into the re-grading activities shall be deposited in adjacent non-wetland areas, used in other restoration activities listed in this paragraph or trucked to an upland area off-site.

- c. *Ditch plugs and ditch fills.* Ditch plugs and water control structures: Disabling surface drains by filling lengths, provided that the surface drains originate on the property of the project sponsors and have no base flow or installing water control structures (e.g., riser structures, flap gates, fixed weirs, trickle tubes). Ditch plugs may include an emergency spillway to safely route flows back into the ditch below the plug.
- d. *Earthen embankments.* Earthen fill structures that do not exceed 1.8 m (six feet) in height with side slopes of 3:1 or greater with less than 50 acre-feet of storage. The embankments may include rock or vegetated overflow structures to pass base-flow as needed.
- e. *Interior dikes.* Earthen fill structures constructed within the interior of an existing diked and managed wetland for the purpose of improving management of hydrology in the diked wetland in order to facilitate control of invasive plant species, exclude or control invasive animal species, improve habitat features, etc.

***Nationwide Permit 28 (Modifications of Existing Marinas)***

No 401 WQC required.

***Nationwide Permit 29 (Residential Developments)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;

- d. streams located in possibly eligible areas as depicted in the GIS NWPs Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. For an individual stream, while the repair or replacement of an existing culvert of any length is not limited by this certification, any culvert extension shall not exceed 300 linear feet.

***Nationwide Permit 30 (Moist Soil Management for Wildlife)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWPs Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.

***Nationwide Permit 31 (Maintenance of Existing Flood Control Facilities)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.

2. This certification shall only authorize projects constructed by the Corps and maintained by the Corps or transferred by the Corps to a local sponsor.

***Nationwide Permit 32 (Completed Enforcement Actions)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. This certification does not authorize any project with impacts to category 3 wetlands; impacts to category 1 and category 2 wetlands that exceed three acres; or impacts to any stream in excess of 500 linear feet unless Ohio EPA has been informed, in writing, of each specific project that exceeds these criteria and based on this information, has not chosen to issue a State Administrative Order or Consent Order resulting from a State enforcement action.

***Nationwide Permit 33 (Temporary Construction, Access and Dewatering)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWPs Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. For an individual stream, while the repair or replacement of an existing culvert of any length is not limited by this certification, any culvert extension shall not exceed 300 linear feet.

4. This certification does not authorize construction or maintenance or modification of marina basins;
5. This nationwide permit shall not authorize temporary construction access and dewatering associated with mining activities.

***Nationwide Permit 34 (Cranberry Production Activities)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWPs Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.

***Nationwide Permit 35 (Maintenance Dredging of Existing Basins)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Temporary or permanent impacts to category 3 wetlands are not authorized under this certification.
3. Temporary or permanent impacts to category 1 and category 2 wetlands are limited to 0.50 acres.

***Nationwide Permit 36 (Boat Ramps)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.

2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWP Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. This nationwide permit shall not authorize boat ramps where dredging is required to establish and maintain water depths necessary for boat launching.

***Nationwide Permit 37 (Emergency Watershed Protection and Rehabilitation)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Unless authorized under procedures established in Part One: General Conditions F.4., above, individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWP Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;

- e. state wild and scenic rivers;
- f. national wild and scenic rivers; and
- g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.

***Nationwide Permit 38 (Cleanup of Hazardous and Toxic Waste)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Except for emergency response actions required to address immediate threats to public health or the environment, an individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWP's Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. This certification shall only authorize projects that are performed, ordered or sponsored by state or federal government agency with established legal or regulatory authority.

***Nationwide Permit 39 (Commercial and Institutional Developments)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.



2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWP Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. For an individual stream, while the repair or replacement of an existing culvert of any length is not limited by this certification, any culvert extension shall not exceed 300 linear feet.

***Nationwide Permit 40 (Agricultural Activities)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWP Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;

- f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. For an individual stream, while the repair or replacement of an existing culvert of any length is not limited by this certification, any culvert extension shall not exceed 300 linear feet.
  4. This certification shall be used only once per farm. For the purposes of this condition, farm shall be defined to include all individual farm tracts, whether or not such tracts are contiguous, that are owned by the applicant.
  5. This certification does not authorize the construction of farm ponds in streams or wetlands (i.e., non-tidal waters of the United States).

***Nationwide Permit 41 (Reshaping Existing Drainage Ditches)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWP's Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. This certification only authorizes impacts to existing maintained and channelized water conveyances that have been created or previously modified and

maintained for the purpose of draining abutting existing agricultural land or existing roadways and meet the following criteria:

- a. the ditch was man-made and is existing; or
  - b. the stream/ditch has existing entrenchment ratios that are less than 1.4 and the proposed dredging impacts do not reduce the sinuosity of the stream/ditch channel.
4. Prior to the commencement of the project, all drainage ditch reshaping projects must be certified in writing by either the Natural Resources Conservation Service or Soil and Water Conservation District or County Engineer in the county where the project occurs, or by a certified professional engineer, that the project complies with the above criteria. In order to be authorized under this paragraph, such certification shall be maintained by the person or entity engaged in the project and a copy shall be sent to: Ohio EPA, Division of Surface Water, Section 401 Unit, P.O. Box 1049, Columbus, Ohio 43216-1049.

***Nationwide Permit 42 (Recreational Facilities)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWP Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.

3. This certification does not authorize the construction, modification or expansion of golf courses or ski areas.

***Nationwide Permit 43 (Stormwater Management Facilities)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWPs Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. For an individual stream, while the repair or replacement of an existing culvert of any length is not limited by this certification, any culvert extension shall not exceed 300 linear feet.

***Nationwide Permit 44 (Mining Activities)***

Individual 401 WQC is required for the use of this nationwide permit.

***Nationwide Permit 45 (Repair of Uplands Damaged by Discrete Events)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;

- b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
- c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
- d. streams located in possibly eligible areas as depicted in the GIS NWP's Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
- e. state wild and scenic rivers;
- f. national wild and scenic rivers; and
- g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.

***Nationwide Permit 46 (Discharges in Ditches)***

Individual 401 WQC is required for the use of this nationwide permit.

***Nationwide Permit 47 [Reserved]***

***Nationwide Permit 48 (Commercial Shellfish Aquaculture Activities)***

Individual 401 WQC is required for the use of this nationwide permit.

***Nationwide Permit 49 (Coal Remining Activities)***

Water quality certification is provided for stream, wetland and open water impacts for surface coal mining within previously mined areas, conducted under a permit issued by the Ohio Department of Natural Resources, Division of Mineral Resources Management (DMRM) with the following conditions:

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. state wild and scenic rivers;
  - c. national wild and scenic rivers; and
  - d. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.

3. Impacts to previously-mined stream reaches (ephemeral, intermittent, or perennial) as a result of re-mining and subsequent reclamation will require no further mitigation.

***Nationwide Permit 50 (Underground Coal Mining Activities)***

Individual 401 WQC is required for the use of this nationwide permit.

***Nationwide Permit 51 (Land-Based Renewable Energy Generation Facilities)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWPs Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.
3. For an individual stream, while the repair or replacement of an existing culvert of any length is not limited by this certification, any culvert extension shall not exceed 300 linear feet.
4. Temporary or permanent impacts as a result of stream crossings shall not exceed a total of three per stream mile per stream.
5. All hydric soils up to 12 inches in depth within wetlands shall be stockpiled and replaced as the topmost backfill layer. Best management practices, such as silt fencing and soil stabilization, shall be implemented to reduce erosion and sediment run-off into adjacent wetlands.

6. The stockpiling of side cast dredged material in excess of three months requires individual 401 WQC.
7. Buried utility lines shall be installed at a 90-degree angle to the stream bank to the maximum extent practicable. When a 90-degree angle is not possible, the length of any buried utility line within any single water body shall not exceed twice the width of that water body at the location of the crossing.

***Nationwide Permit 52 (Water-Based Renewable Energy Generation Pilot Projects)***

Individual 401 WQC is required for the use of this nationwide permit.

***Nationwide Permit 53 (Removal of Low-Head Dams)***

1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;
  - b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
  - c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
  - d. streams located in possibly eligible areas as depicted in the GIS NWP's Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
  - e. state wild and scenic rivers;
  - f. national wild and scenic rivers; and
  - g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.

***Nationwide Permit 54 (Living Shorelines)***

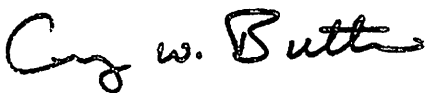
1. Ohio state certification general limitations and conditions apply to this nationwide permit.
2. Individual 401 WQC is required for use of this nationwide permit when temporary or permanent impacts are proposed on or in any of the following waters:
  - a. category 3 wetlands;

- b. category 1 and category 2 wetlands when impacts exceed 0.50 acres;
- c. streams located in ineligible areas as depicted in the GIS NWP Stream Eligibility Map, Appendix C;
- d. streams located in possibly eligible areas as depicted in the GIS NWP's Stream Eligibility Map determined to be high quality through one of the NWP eligibility flowcharts, Appendix C;
- e. state wild and scenic rivers;
- f. national wild and scenic rivers; and
- g. general high quality water bodies which harbor federally and state listed threatened or endangered aquatic species.

You are hereby notified that this action of the director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within 30 days after notice of the director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Ohio Treasurer Josh Mandel," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the director within three days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
77 South High Street, 17<sup>th</sup> Floor  
Columbus, OH 43215

Sincerely,



Craig W. Butler  
Director



cc: Mike Hatten, Department of the Army, Huntington District, USACE  
Scott Hans, Department of the Army, Pittsburgh District, USACE  
Diane Kozlowski, Department of the Army, Buffalo District, USACE  
Lee Anne Devine, Department of the Army, Louisville District, USACE  
Norma Condra, Department of the Army, Louisville District, USACE  
Suzanne Chubb, Department of the Army, LRD, USACE  
Peter Swenson, United States Environmental Protection Agency, Region V  
Dan Everson, Department of the Interior, United States Fish & Wildlife Service  
John Kessler, ODNR, Office of Real Estate  
Steve Holland, ODNR, Office of Coastal Management  
Dave Snyder, Ohio Historical Preservation Office

Appendix A  
Director's Authorization Process

1. To apply for a director's authorization for coverage under this certification, the applicant must provide to Ohio EPA the following:
  - a. A completed Director's Authorization Request Form available on the "Director's Authorization" tab located at: <http://www.epa.ohio.gov/dsw/401/permitting.aspx>;
  - b. A copy of the pre-construction notification submitted to the Corps including all attachments;
  - c. A copy of the provisional nationwide permit authorization letter issued by the Corps including all attachments and special conditions, if any;
  - d. A copy of the mitigation plan as approved by the Corps, if applicable;
  - e. A detailed description of the conditions within this certification that are not being met;
  - f. A detailed description of any NWP terms and conditions, including impact limits that the Corps district engineer has waived for the project, if applicable;
  - g. A rationale of how the applicant believes the project will minimally impact water quality for those impacts to resources that do not meet one or more of the terms and conditions within this certification, including reason(s) why the resources are unable to be avoided;
  - h. Comments received from the Ohio Department of Natural Resources and United States Fish and Wildlife Service regarding threatened and endangered species or comments from an applicant that has been authorized by these entities to make threatened and endangered species determinations;
  - i. A one-time review fee of \$2000 for the project;
  - j. A detailed description of how the project meets public need, as defined in OAC 3745-1-50, for impacts to category 3 wetlands;
  - k. Documentation as required under Appendix B and C;
  - l. Any other documentation as may be required under this certification.

2. Upon receipt of the director's authorization request containing items a. through o. outlined above, excluding item c., the director will post the materials on the Ohio EPA, DSW webpage and invite public comment on the request for 15 days. The director will review and consider the comments received during the public comment period before making a decision on the director's authorization.



Appendix B  
ORAM Verification Process

The ORAM results shall be included with the pre-construction notification (PCN) or notification to Ohio EPA if a PCN is not required by the Corps.

For each wetland proposed for impact the applicant must provide the following information for review in accordance with the ORAM verification procedure:

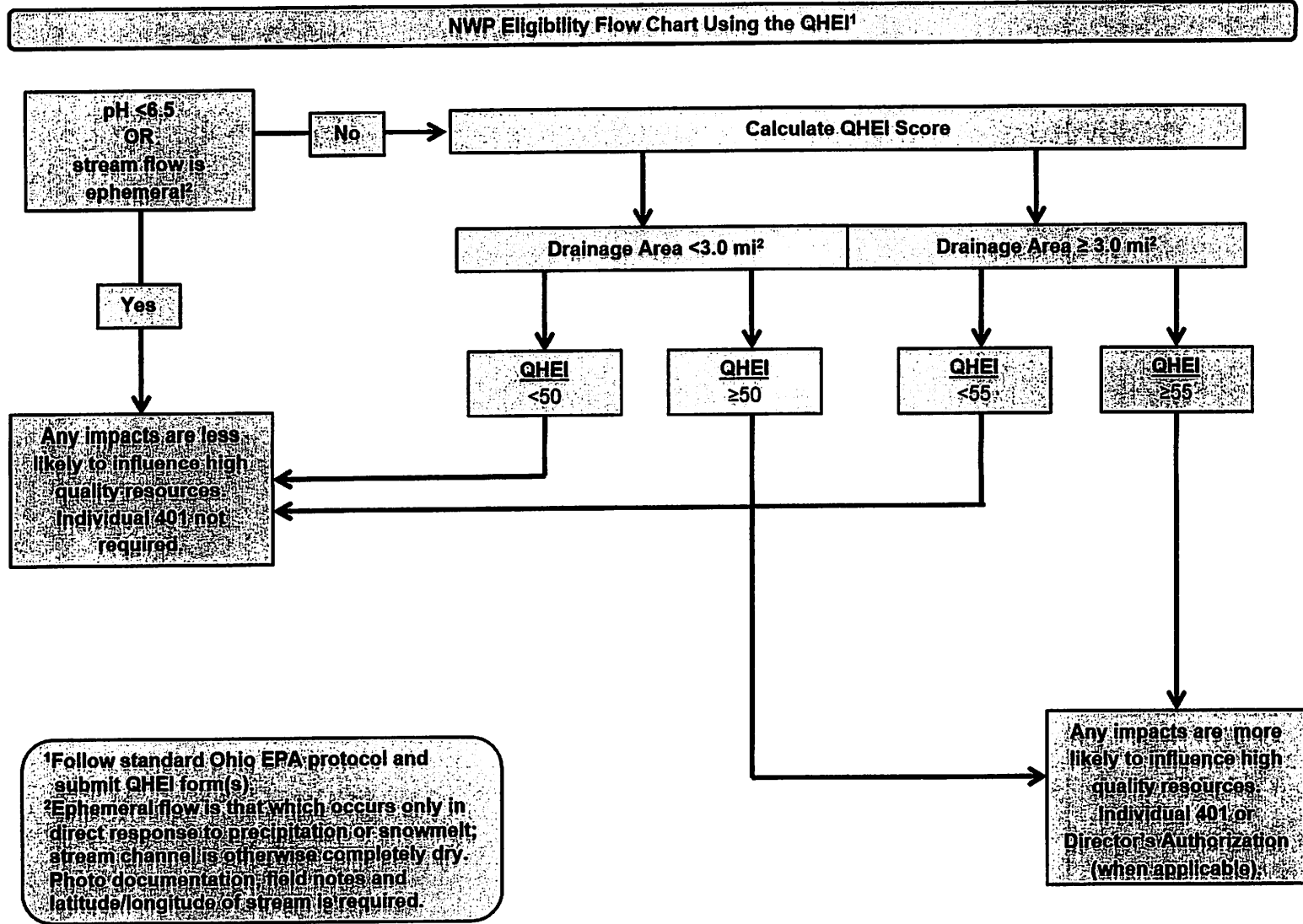
- a. Complete ORAM forms prepared in accordance with the current ORAM manual;
- b. Wetland delineation prepared in accordance with the current method required by the Corps;
- c. A minimum of four high resolution color photographs taken while facing each of the four cardinal directions of each wetland proposed for impact. Photographs must accurately depict the quality of the wetland and may not include a majority of dying or dead vegetation or excessive cover due to seasonal conditions that vegetation and substrates cannot be observed, such as leaf litter, snow, or ice. Photographs deemed to be insufficient of representing the wetland will be required to be retaken once seasonal conditions are appropriate. Photographs shall be clearly labeled with the wetland name, direction, and date;
- d. USGS topographical map, National Wetlands Inventory map, Soil Survey map and aerial images (both historical and current) which clearly outline the entire wetland boundary; and
- e. Coordination letter from the Ohio Department of Natural Resources (ODNR), Natural Heritage Database indicating the presence or absence of state listed threatened or endangered species or comments from an applicant that has been authorized by ODNR to make threatened and endangered species determinations.

Appendix C  
Stream Eligibility Determination Process

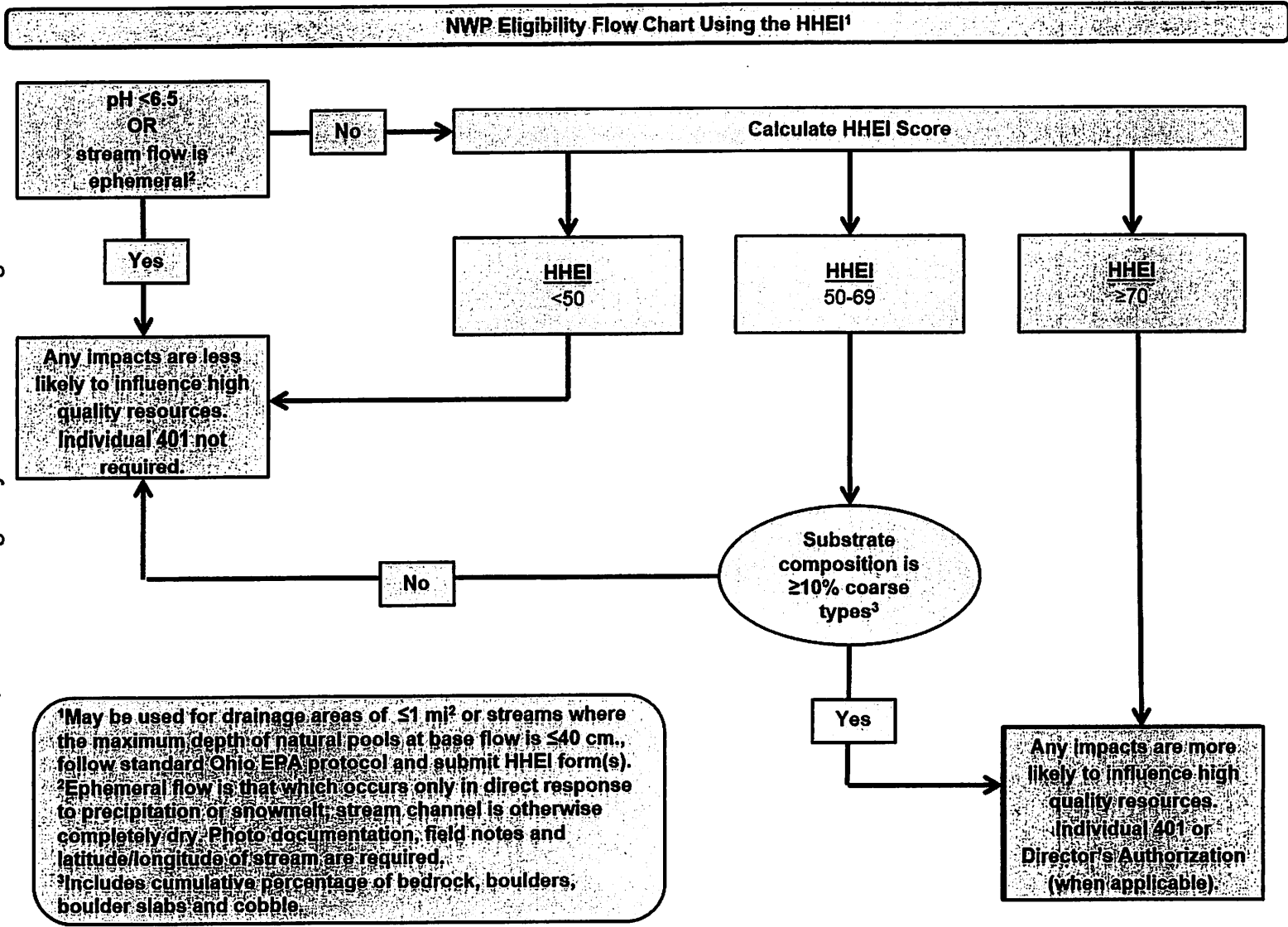
1. The stream eligibility results shall be included with the PCN or notification to Ohio EPA if a PCN is not required by the Corps. For each single and complete project with potential impacts to streams, where it is specifically required in the special limitations and conditions of this certification, the applicant shall determine if the streams proposed for impact are eligible for coverage under the 401 WQC for the Nationwide Permits using the following procedure:
  - a. Navigate to the Ohio EPA 401 website at: <http://www.epa.ohio.gov/dsw/401/permitting.aspx>
  - b. Click on the "Nationwide Permits" tab and then click on the "Stream Eligibility Web Map" link. To download the shapefile from the web map, click on the  in the upper right hand corner of the webpage and select download. To draw project boundaries directly on the web map, click on the  in the upper left hand corner of the webpage.
  - c. Using a GIS program, overlay the project boundary, streams proposed for impact, current aerial imagery, and the stream eligibility layer. If the applicant does not have access to a GIS program, the project boundary should be drawn on the web map and a copy of the map can be printed from the webpage;
    - i. If any stream proposed for impact within the project area falls within an ineligible area, impacts to that stream are not eligible for coverage under the 401 WQC for the Nationwide Permits, and the applicant shall apply for an individual 401 WQC or a director's authorization.
    - ii. If any stream proposed for impact within the project area falls within a possibly eligible area, the applicant shall take pH values, when applicable, and perform a Qualitative Assessment Habitat Evaluation Index (QHEI) or Headwater Habitat Evaluation Index (HHEI) assessment for the stream. Using the flow charts provided below, the applicant shall determine if impacts to that stream are eligible for coverage under the 401 WQC for the Nationwide Permits or if an individual 401 WQC is required.
    - iii. If all streams proposed for impact within the project area are located within the eligible area, impacts to that stream are eligible for coverage under the 401 WQC for the Nationwide Permits and no further assessment is necessary.
  - d. The applicant shall submit the following information with the PCN or notification to Ohio EPA:

- i. Color map(s), no smaller than 8"x10", which clearly shows the project boundary, streams proposed for impact, current aerial imagery, and the stream eligibility GIS layer;
- ii. For each stream located in possibly eligible areas;
  - (1) A minimum of three high resolution color photographs taken of the proposed impact area, including one facing upstream, one facing downstream, and a close up which clearly depicts the substrate composition and size for each stream proposed for impact. Photographs must accurately depict the quality of the stream and may not include excessive cover due to seasonal conditions that substrates cannot be observed such as snow or ice. Photographs deemed to be insufficient of representing the stream will be required to be retaken once seasonal conditions are appropriate. Photographs shall be clearly labeled with the stream name, direction, and date;
  - (2) pH values for each stream proposed for impact taken within the proposed project area, where applicable;
  - (3) Complete QHEI or HHEI sheets prepared in accordance with the current manuals; and
  - (4) Statement of whether the streams proposed for impact within the project area are eligible for coverage under the 401 WQC for the Nationwide Permits or if an individual 401 WQC or a director's authorization is required.

401 WQC Stream Eligibility Flow Chart Using the QHEI



401 WQC Stream Eligibility Flow Chart Using the HHEI





# APPENDIX E

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## OWNER-CONTRACTOR AGREEMENT AND ADMINISTRATIVE PROJECT DOCUMENTS

*(To be filled out after contract is awarded.)*

### Contract Terms Sheet

<p style="text-align: center;"><b>Owner:</b> City of Gahanna 200 South Hamilton Road Gahanna, Ohio 43230 Phone: (614) 342-4005</p> <p style="text-align: center;">Owner's Representative: D.Grant Crawford</p>	<p style="text-align: center;"><b>Contractor:</b> The Righter Co., Inc. 2424 Harrison Road Columbus, Ohio 43204 Phone: (614) 272-9700</p> <p style="text-align: center;">Contractor Representative: Michael Killilea II</p>
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Project Name: **Cherry Bottom Road Stabilization ST-1079**

Contract Effective Date: **September 2022**

When this item is checked by the Owner, e.g., with an "X" or other mark, the State of Ohio Department of Transportation, Construction Specifications Manual, in the current version through July 14, 2022, will be a Contract Document, but only as modified by the document titled *ODOT Manual Supplement*, prepared by Owner.

When this item is checked by the Owner, e.g., with an "X" or other mark, the City of Columbus Construction and Material Specifications Supplement, in the current edition through July 14, 2022, will be a Contract Document, but only as modified by the document titled *City of Columbus Construction and Material Specifications Supplement*.

Non-Contract Documents. The following are the reports and tests of subsurface conditions at or contiguous to the Site, if any, that the Design Professional has used in preparing the Contract Documents. (None, if none are listed).

\_\_\_\_\_  
\_\_\_\_\_

Non-Contract Documents. The following are those reports and drawings related to any Hazardous Conditions at the Site, if any. (None, if none are listed).

\_\_\_\_\_  
\_\_\_\_\_

The Design Professional (also called the "Consulting Engineer") is:  
S&ME  
Enterprise Court  
Dublin, Ohio 43016  
614-793-2226

The Design Professional's Representative is: Steve Loskota, P.E.

The Date for Substantial Completion is the following date or the following Contract Time (in calendar days) **November 25, 2022**.

The Coordinating Contractor shall be the \_\_\_\_\_ Contractor. (If this blank is not completed, then the Coordinating Contractor shall be the General Trades Contractor or, if there is only one contractor, the Contractor).

The Contract Sum (also called Contract Price) is three hundred forty-nine thousand, one hundred ninety-five dollars and no cents. The Contract Sum includes the following:

Base Bid Amount: **\$349,195.00**

Accepted Alternates, if any (none if none are listed):

Alternate No.	Description	Amount

This document is an agreement between the Owner and the Contractor for the Work described in the Contract Documents related to the Contract identified above for the Project defined above and is effective as of the date set forth above (“Effective Date of this Agreement”), which if no date is entered shall be the date the Agreement was signed by the Owner.

The Owner and the Contractor agree as set forth in the following sections:

1. CONTRACT DOCUMENTS. The Contract Documents consist of the following documents:

1. NOTICE TO BIDDERS;
2. INFORMATION AND REQUIREMENTS FOR BIDDERS;
3. REQUEST FOR INFORMATION (PRE-BID);
4. SUPPLEMENTARY SPECIFICATIONS;
5. PREVAILING WAGE RATES (as applicable);
6. BID FORM;
7. NONCOLLUSION AFFIDAVIT;
8. CORPORATE AFFIDAVIT;
9. CONTRACTOR'S PERSONAL PROPERTY TAX AFFIDAVIT (O.R.C. § 5719.042);
10. CERTIFICATE OF INSURANCE;
11. STATE OF OHIO DEPARTMENT OF TAXATION, SALES AND USE TAX CONSTRUCTION CONTRACT EXEMPTION CERTIFICATE;
12. CONTRACTOR'S QUALIFICATION STATEMENT;
13. SUB CONTRACTORS LIST;
14. OWNER-CONTRACTOR AGREEMENT;
15. FISCAL OFFICER'S STATEMENT OF AVAILABILITY;
16. MODIFIED STANDARD GENERAL CONDITIONS;
17. STATE OF OHIO BUREAU OF WORKER'S COMPENSATION INSURANCE CERTIFICATE;
18. NOTICE OF COMMENCEMENT OF PUBLIC IMPROVEMENT;
19. NOTICE OF AWARD TO CONTRACTOR;
20. NOTICE OF AWARD TO SURETY AND SURETY'S AGENT;
21. NOTICE TO PROCEED;
22. CHANGE ORDER;
23. PAYROLL INFORMATION;
24. FINAL PAYROLL AFFIDAVIT;
25. CONTRACTOR'S PAYMENT APPLICATION CHECKLIST;
26. CONTRACTOR'S AFFIDAVIT WITH LIST OF SUBCONTRACTORS AND SUPPLIERS WITH ANY AMOUNTS WITHHELD;
27. CONTRACTOR'S WAIVER & RELEASE AGREEMENT;
28. SUBCONTRACTOR'S – SUPPLIER'S WAIVER & RELEASE AGREEMENT;
29. STATEMENT OF CLAIM FORM;
30. STATEMENT OF CLAIM FORM INSTRUCTIONS;
31. DESIGN PROFESSIONAL'S CERTIFICATE OF SUBSTANTIAL COMPLETION;

32. MODIFICATIONS ISSUED AFTER THE EXECUTION OF THE CONTRACT, INCLUDING:
  - i. A written amendment to the Agreement signed by both parties;
  - ii. A Change Order;
  - iii. A Work Change Directive; or,
  - iv. A written order for a minor change of the Work issued by the Design Professional in accordance with the General Conditions; and
33. If selected as a Contract Document in the Contract Terms Sheet, the State of Ohio Department of Transportation, Construction Specifications Manual, in the current version through July 14, 2022, will be a Contract Document, but only as modified by the document titled *ODOT Manual Supplement*, prepared by Owner;
34. If selected as a Contract Document in the Contract Terms Sheet, the City of Columbus Construction and Material Specifications Supplement, in the current edition through July 14, 2022, will be a Contract Document, but only as modified by the document titled *City of Columbus Construction and Material Specifications Supplement*; and
35. THE PROJECT PLANS, DRAWINGS, AND EXHIBITS.

**Note: NON-CONTRACT DOCUMENTS.** The reports and tests of subsurface conditions at or contiguous to the Site, if any, that the Design Professional has used in preparing the Contract Documents, identified in the Contract Terms Sheet, are not Contract Documents. The General Conditions, as modified, contain additional terms related to these reports and tests.

**Note: NON-CONTRACT DOCUMENTS.** The reports and drawings related to any Hazardous Conditions at the Site, if any, identified in the Contract Terms Sheet, are not Contract Documents. The General Conditions, as modified, contain additional terms related to these reports and drawings. (None if none are listed).

2. **DESIGN PROFESSIONAL RELATIONSHIP.** The Contract Documents shall not be construed to create a contractual relationship of any kind between the Design Professional and the Contractor or any Subcontractor or Material Supplier to the Project. The Design Professional, however, shall be entitled to performance of the obligations of the Contractor intended for its benefit and to enforcement of such obligations, but nothing contained herein shall be deemed to give the Contractor or any third party any claim or right of action against the Design Professional that does not otherwise exist without regard to this Contract. The Contractor and its Subcontractors shall not be deemed to be beneficiaries of any of the acts or services of the Design Professional that are performed for the sole benefit of the Owner. The Contractor shall forward all communications to the Owner through the Design Professional and hereby acknowledges and agrees that any instructions, reviews, advice, approvals, orders, or directives that are rendered to it by the Design Professional are specifically authorized and directed by the Owner to the Contractor through the Design Professional acting on behalf of the Owner.

2.1 The Design Professional (also called the "Consulting Engineer"), if any, is identified in the Contract Terms Sheet.

### 3. TIME FOR COMPLETION AND PROJECT COORDINATION.

3.1 DATE FOR COMMENCEMENT. The date for commencement of the Work shall be the date established in a written Notice to Proceed issued by the Owner, through the Design Professional, to the Contractor. If no Notice to Proceed is issued, then the date for commencement shall be the Effective Date of this Agreement. The date for commencement of the Work shall be within sixty (60) days from the bid opening date, unless the Owner and the Contractor agree to a later date. If there is any other date for commencement of the Work in the bid documents, Contract Documents or elsewhere, it is agreed that such other date is a tentative date and may not be relied upon by the Contractor. If the date for commencement of the Work is later than sixty (60) days from the bid opening date or, if applicable, the later date agreed to by the Owner and the Contractor, the Contractor may submit a Claim in accordance with the Contract Documents.

3.2 DATE FOR SUBSTANTIAL COMPLETION. The Contractor shall have its Work on the Project Substantially Complete by the following date or within the following Contract Time (in calendar days) set forth in the Contract Terms Sheet. The Date for Substantial Completion is the foregoing date or date calculated using the Contract Time. The Date for Substantial Completion shall only be changed or modified by Change Order, other Modification, or a Claim that is Finally Resolved regardless of any dates in any schedule created by any person, including the Coordinating Contractor. The Contract Time shall run from the date of the Notice to Proceed or if there is no Notice to Proceed from the Effective Date of this Agreement.

3.2.1 Substantial Completion is the time at which the Work has progressed to the point where the Work is sufficiently complete, in accordance with the Contract Documents, so that the Work can be utilized for the purposes for which it is intended. Final Completion shall mean that the Work is complete in accordance with the Contract Documents and the Contractor has submitted to the Design Professional all documents required to be submitted to the Design Professional for final payment. A Claim is "Finally Resolved" when the claim process is complete and not subject to further proceedings.

3.2.2 SHUTDOWN DATES. Due to events scheduled by the Owner and/or other Owner considerations, Contractor must only perform Work on the days and at the times allowed by the Ordinances of the City of Gahanna. Additionally, Contractor will not be able to perform Work on the Project on the dates and times delineated in the Supplementary Specifications to these Contract Documents.

Contractor's Construction Schedule for performing the Work shall account for Contractor not being able to perform Work on these dates and the contractual dates for Substantial Completion and Final Completion will not be changed due to Contractor not being able to perform Work on these dates.

3.3 CONSTRUCTION SCHEDULE. The Construction Schedule (also referred to as the "Progress Schedule") shall be developed by the Coordinating Contractor as provided in the Contract Documents.

3.4 COORDINATING CONTRACTOR. The Coordinating Contractor shall be the contractor identified in the Contract Terms Sheet (if none is identified, then the Coordinating Contractor shall be the General Trades Contractor or, if there is only one contractor, the

Contractor). The Coordinating Contractor shall be responsible for coordinating the work of all contractors on the Project.

3.5 **LIQUIDATED DAMAGES**. If the Contractor does not have its Work on the Project Substantially Complete by its Date for Substantial Completion or Finally Complete within forty-five (45) days of achieving Substantial Completion, the Contractor shall pay the Owner (and the Owner may set off from sums coming due the Contractor) Liquidated Damages in the per diem amounts as set forth in the following tables, whichever may be applicable:

**LIQUIDATED DAMAGES – DATE FOR SUBSTANTIAL COMPLETION**

<b><u>Contract Amount</u></b>	<b><u>Dollars Per Day</u></b>
\$1.00 to \$50,000.00	\$ 250.00
\$50,000.01 to \$150,000.00	\$ 500.00
\$150,000.01 to \$500,000.00	\$1,000.00
\$500,000.01 to \$2,000,000.00	\$1,500.00
\$2,000,000.01 to \$5,000,000.00	\$2,500.00
\$5,000,000.01 to \$10,000,000.00	\$3,000.00

**LIQUIDATED DAMAGES – FINAL COMPLETION**

<b><u>Contract Amount</u></b>	<b><u>Dollars Per Day</u></b>
\$1.00 to \$50,000.00	\$ 50.00
\$50,000.01 to \$150,000.00	\$ 100.00
\$150,000.01 to \$500,000.00	\$ 200.00
\$500,000.01 to \$2,000,000.00	\$ 300.00
\$2,000,000.01 to \$5,000,000.00	\$ 500.00
\$5,000,000.01 to \$10,000,000.00	\$ 600.00

In addition to such Liquidated Damages, the Contractor shall indemnify, defend and hold the Owner and its employees and agents harmless from any and all claims, whether or not such claims are proven, and from all costs and expenses incurred, as a result of or related to such claims, including but not limited to attorneys' and consultants' fees and expenses, provided that such claims arise out of or are related to the Contractor's failure to Substantially Complete its Work by its Date for Substantial Completion or its failure to Finally Complete its Work within forty-five (45) days of its Date for Substantial Completion. The Contractor's obligation to indemnify, defend and hold the Owner harmless under this Section 3.5 shall be joint and several. These Liquidated Damages are in addition to any other remedies available to the Owner under the Contract Documents.

The Contractor acknowledges that such amounts of Liquidated Damages represent a reasonable estimate of the actual damages for loss of or interference with the intended use of the Project that the Owner would incur if the Contractor's Work is not Substantially Complete by its Date for Substantial Completion or Finally Complete by the required date for Final Completion.

**4. CONTRACT SUM (also called Contract Price).** The lump sum Contract Sum to be paid by the Owner to the Contractor, as provided herein, for the satisfactory performance and completion of the Work and all of the duties, obligations, and responsibilities of the Contractor under this Agreement and the other Contract Documents is as set forth in the Contract Terms Sheet. The Contract Sum includes all federal, state, county, municipal, and other taxes imposed by law, including but not limited to any sales, use, commercial activity, and personal property taxes payable by or levied against the Contractor on account of the Work or the materials incorporated into the Work. The Contractor will pay any such taxes. The Contract Sum includes the Base Bid and Alternates, if any, identified in the Contract Terms Sheet.

If after Substantial Completion of its Work, the Contractor fails to submit its final payment application with all the documents required to be submitted with such application within ninety (90) days after written notice to do so from the Owner and without prejudice to any other rights and remedies the Owner may have available to it, the balance of the Contract Sum shall become the Owner's sole and exclusive property, and the Contractor shall have no further interest in or right to such balance.

**5. RETAINAGE.** Retainage applicable to the Contract by Ohio Revised Code Sections 153.12, .13, and .14 will be withheld as defined in the General Conditions. The Contractor agrees that the Retainage will not be held in escrow or in any interest bearing account, and that no interest will be paid on such retained funds.

**6. LIMITATION ON LIABILITY.** The Owner's total liability under this Agreement will be limited to the amount set forth in the Fiscal Officer's certificate accompanying this Agreement. Under no circumstances will the elected officials, officers, employees, board or council members, or agents of the Owner be personally liable for any obligations or claims arising out of or related to this Agreement.

**7. GENERAL.**

7.1 **MODIFICATION.** Unless otherwise specifically set forth in this Agreement, no modification or waiver of any of the terms of this Agreement, or of any other Contract Documents, will be effective against a party unless set forth in writing and signed by or on behalf of a party. In the case of the Owner, the person executing the modification or waiver must have express authority to execute the Modification on behalf of the Owner pursuant to a resolution that is duly adopted by the Owner. Under no circumstances will forbearance, including the failure or repeated failure to insist upon compliance with the terms of the Contract Documents, constitute the waiver or modification of any such terms by the Owner. The parties acknowledge that no person has authority to modify this Agreement or the other Contract Documents or to waive any of its or their terms, except as expressly provided in this section.

7.2 **ASSIGNMENT.** The Contractor may not assign this Agreement without the written consent of the Owner, which the Owner may withhold in its sole discretion.

7.3 **LAW AND JURISDICTION.** All questions regarding the validity, intention, or meaning of this Agreement or any modifications of it relating to the rights and obligation of the parties will be construed and resolved under the laws of the State of Ohio. Any suit, which may be brought to enforce any provision of this Agreement or any remedy with respect hereto, shall be brought in the state court of competent jurisdiction in the county in Ohio in which the Owner's principal office is located, and each party hereby expressly consents to the exclusive



jurisdiction of such court. The parties expressly waive the right to remove any litigation arising out of this Agreement to federal court.

7.4 CONSTRUCTION. The parties acknowledge that each party has reviewed this Agreement and the other Contract Documents and entered into this Agreement as a free and voluntary act. Accordingly, the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party will not be employed in the interpretation of this Agreement, the other Contract Documents, or any amendments or exhibits to it or them.

7.5 APPROVALS. Except as expressly provided herein, the approvals and determinations of the Owner and Design Professional will be subject to the sole discretion of the respective party and be valid and binding on the Contractor, provided only that they be made in good faith, i.e., honestly. If the Contractor challenges any such approval or determination, the Contractor has the burden of proving that it was not made in good faith by clear and convincing evidence.

7.6 PARTIAL INVALIDITY. If any term or provision of this Agreement is found to be illegal, unenforceable, or in violation of any laws, statutes, ordinances, or regulations of any public authority having jurisdiction, then, notwithstanding such term or provision, this Agreement will remain in full force and effect and such term will be deemed stricken; provided this Agreement will be interpreted, when possible, so as to reflect the intentions of the parties as indicated by any such stricken term or provision.

7.7 COMPLIANCE WITH LAWS AND REGULATIONS. The Contractor, at its expense, will comply with all applicable federal, state, and local laws, rules, and regulations applicable to the Work, including but not limited to Chapter 4115 of the Ohio Revised Code and Sections 153.59 and 153.60 of the Ohio Revised Code, which prohibit discrimination in the hiring and treatment of employees, with respect to which the Contractor agrees to comply and to require its subcontractors to comply.

7.7.1 NON-DISCRIMINATION. Contractor agrees:

1. That in the hiring of employees for the performance of Work under this Agreement or in any subcontract, neither the Contractor, subcontractor, or any person acting on behalf of either of them, shall by reason of race, creed, sex, disability as defined in Section 4112.01 of the Ohio Revised Code, or color discriminate against any citizen of the state in the employment of labor or workers who are qualified and available to perform the Work to which the employment relates.
2. That neither the Contractor, subcontractor, nor any person acting on behalf of either of them shall, in any manner, discriminate against or intimidate any employee hired for the performance of Work under this Agreement on account of race, creed, sex, disability as defined in Section 4112.01 of the Ohio Revised Code, or color.
3. That there shall be deducted from the amount payable to the Contractor by the Owner under this Agreement a forfeiture of twenty-five dollars (\$25.00) as required by Ohio Revised Code Section 153.60 for each person who is discriminated against or intimidated in violation of this Agreement.
4. That this Agreement may be canceled or terminated by the Owner and all money to become due hereunder may be forfeited for a second or subsequent violation of the terms of this section of this Agreement.

- 7.7.2 PREVAILING WAGE RATES. The Contractor and its subcontractors, regardless of tier, shall strictly comply with their obligation to pay their employees working on the Project site at the applicable prevailing wage rates for the type of work, including any changes thereto, without increase in the Contract Sum.
- 7.7.3 ETHICS. By signing and entering into this agreement with the Owner, the Contractor represents that it is familiar with all applicable ethics law requirements, including without limitation Sections 102.04 and 3517.13 of the Ohio Revised Code, and certifies that it is in compliance with such requirements. The Contractor understands that failure to comply with the ethics laws is, in itself, grounds for termination of this contract and may result in the loss of other contracts with the Owner.
- 7.8 JOB MEETINGS. The Contractor or one of its representatives with authority to bind the Contractor will attend all job meetings. The Owner anticipates that job meetings will be scheduled on a weekly basis during construction or as needed. The Contractor will ensure that its Subcontractors also hold regular job meetings at which safety issues and job matters are discussed as these relate to the Work being performed. Job meetings include, but are not limited to, pre-construction meetings, weekly job meetings, weekly safety tool box meetings, and monthly safety meetings.
- 7.9 PROPERTY TAX AFFIDAVIT. The Contractor's affidavit given under Section 5719.024, Ohio Revised Code, is incorporated herein.
- 7.10 PARTNERING. Contractor agrees that it will participate, as part of the Contract Sum, in any partnering sessions scheduled by Owner.
- 7.11 ENTIRE AGREEMENT. This Agreement and the other Contract Documents constitute the entire agreement among the parties with respect to their subject matter and will supersede all prior and contemporaneous, oral or written, agreements, negotiations, communications, representations, and understandings with respect to such subject matter, and no person is justified in relying on such agreements, negotiations, communications, representations, or understandings.
- 7.12 COUNTERPARTS. This Agreement may be executed in any number of counterparts each of which when so executed and delivered will be an original hereof, and it will not be necessary in making proof of this Agreement to produce or account for more than one counterpart hereof. This Agreement may be executed and delivered by facsimile or via electronic mail.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their properly authorized representatives and agree that this Agreement is effective as of the date first set forth above.

Owner: **The City of Gahanna**

Contractor (as identified on the Contract Terms Sheet)

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: **Laurie A. Jadwin**

Name: \_\_\_\_\_

Title: **Mayor**

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

Date: \_\_\_\_\_

Date: \_\_\_\_\_

By: \_\_\_\_\_

Name: **D. Grant Crawford**

Title: **Director of Public Service and Engineering**

Date: \_\_\_\_\_

Approved as to form of Contract and Contract Bond:

By: \_\_\_\_\_

Name: **Raymond J. Mularski**

Title: **City Attorney**

Date: \_\_\_\_\_

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**FISCAL OFFICER'S STATEMENT OF AVAILABILITY**

**(Section 5705.41, R.C.)**

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I Joann Bury, hereby certify that I am the Director of Finance for the City of Gahanna, Ohio and that the amount of money to wit \$349,195.00 required to meet the cost of the attached Contract between the City of Gahanna, Ohio and The Righter Co., Inc., has been or will be, prior to the ordering of any materials, lawfully appropriated for the purpose of said Contract and the money so appropriated is on deposit or in process of collection to the credit of the appropriate fund free from any previous encumbrances. Moneys due in excess of the Contract Sum and any Contingency amount assigned thereto shall require an additional and separate Fiscal Officer's Statement of Availability which shall not be given unless the Contract adjustment is directly attributable to one of the express methods for increasing the Contract Sum under the Contract Documents; and, such process is completed in the manner required by the Contract Documents.

Date: \_\_\_\_\_

Signed: \_\_\_\_\_

By: Joann Bury

Title: Director of Finance

This document has important legal consequences; consultation with an attorney is encouraged with respect to its use or modification. This document should be adapted to the particular circumstances of the contemplated Project and the controlling Laws and Regulations.

## **THIS DOCUMENT HAS BEEN MODIFIED FROM ITS ORIGINAL VERSION**

### **MODIFIED STANDARD GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT**

Prepared by



Issued and Published Jointly by



These General Conditions have been prepared for use with the Agreement Between Owner and Contractor for Construction Contract (EJCDC® C-520, Stipulated Sum, or C-525, Cost-Plus, 2013 Editions). Their provisions are interrelated and a change in one may necessitate a change in the other.

To prepare supplementary conditions that are coordinated with the General Conditions, use EJCDC's Guide to the Preparation of Supplementary Conditions (EJCDC® C-800, 2013 Edition). The full EJCDC Construction series of documents is discussed in the Commentary on the 2013 EJCDC Construction Documents (EJCDC® C-001, 2013 Edition).

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### 1.01 *Defined Terms*

- A. Wherever used in the Bidding Requirements or Contract Documents, a term printed with initial capital letters or with all capital letters, including the term's singular and plural forms, will have the meaning indicated in the definitions below. In addition to terms specifically defined, terms with initial capital letters in the Contract Documents include references to identified articles and paragraphs, and the titles of other documents or forms.
1. *Addenda*—Written or graphic instruments issued prior to the opening of Bids which clarify, correct, or change the Bidding Requirements or the proposed Contract Documents.
  2. *Agreement or Owner-Contractor Agreement*—The written instrument, executed by Owner and Contractor, that sets forth the Contract Price and Contract Times, identifies the parties and the Engineer, and designates the specific items that are Contract Documents.
  3. *Application for Payment*—The form acceptable to Engineer which is to be used by Contractor during the course of the Work in requesting progress or final payments and which is to be accompanied by such supporting documentation as is required by the Contract Documents.
  4. *Bid*—The offer of a Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.
  5. *Bidder*—An individual or entity that submits a Bid to Owner.
  6. *Bidding Documents*—The Bidding Requirements, the proposed Contract Documents, and all Addenda.
  7. *Bidding Requirements*—The advertisement or invitation to bid, Information and Requirements for Bidders, Bid Bond or other Bid security, if any, the Bid Form, and legal notice.
  8. *Change Order*—A document which is signed by Contractor and Owner and authorizes an addition, deletion, or revision in the Work or an adjustment in the Contract Price or the Contract Times, or other revision to the Contract, issued on or after the Effective Date of the Contract.
  9. *Change Proposal*—A written request by Contractor, duly submitted in compliance with the procedural requirements set forth herein, seeking an adjustment in Contract Price or Contract Times, or both; contesting an initial decision by Engineer concerning the requirements of the Contract Documents or the acceptability of Work under the Contract Documents; challenging a set-off against payments due; or seeking other relief with respect to the terms of the Contract.
  10. *Claim*—(a) A demand or assertion by Owner directly to Contractor, duly submitted in compliance with the procedural requirements set forth herein: seeking an adjustment of Contract Price or Contract Times, or both; contesting an initial decision by Engineer concerning the requirements of the Contract Documents or the acceptability of Work under the Contract Documents; contesting Engineer's decision regarding a Change Proposal; seeking resolution

of a contractual issue that Engineer has declined to address; or seeking other relief with respect to the terms of the Contract; or (b) a demand or assertion by Contractor directly to Owner, duly submitted in compliance with the procedural requirements set forth herein, contesting Engineer's decision regarding a Change Proposal; or seeking resolution of a contractual issue that Engineer has declined to address. A demand for money or services by a third party is not a Claim.

11. *Constituent of Concern*—Asbestos, petroleum, radioactive materials, polychlorinated biphenyls (PCBs), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, regulated, or addressed pursuant to (a) the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. §§9601 et seq. ("CERCLA"); (b) the Hazardous Materials Transportation Act, 49 U.S.C. §§5501 et seq.; (c) the Resource Conservation and Recovery Act, 42 U.S.C. §§6901 et seq. ("RCRA"); (d) the Toxic Substances Control Act, 15 U.S.C. §§2601 et seq.; (e) the Clean Water Act, 33 U.S.C. §§1251 et seq.; (f) the Clean Air Act, 42 U.S.C. §§7401 et seq.; or (g) any other federal, state, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.
12. *Contract*—The entire and integrated written contract between the Owner and Contractor concerning the Work.
13. *Contract Documents*— The Contract Documents are the Contract Documents identified in the Owner-Contractor Agreement ("Agreement")
14. *Contract Price*—The money that Owner has agreed to pay Contractor for completion of the Work in accordance with the Contract Documents. .
15. *Contract Times*—The number of days or the dates by which Contractor shall: (a) achieve Milestones, if any; (b) achieve Substantial Completion; and (c) complete the Work.
16. *Contractor*—The individual or entity with which Owner has contracted for performance of the Work.
17. *Cost of the Work*—See Paragraph 13.01 for definition.
18. *Drawings*—The part of the Contract that graphically shows the scope, extent, and character of the Work to be performed by Contractor.
19. *Effective Date of the Contract*—The date, indicated in the Agreement, on which the Contract becomes effective, but if no such date is indicated, it means the date on which the Agreement is signed by the Owner.
20. *Engineer*—Either the individual or entity named as the Consulting Engineer in the Agreement or the City Engineer, as appropriate to the Project.
21. *Field Order*—A written order issued by Engineer which requires minor changes in the Work but does not change the Contract Price or the Contract Times.
22. *Hazardous Environmental Condition*—The presence at the Site of Constituents of Concern in such quantities or circumstances that may present a danger to persons or property exposed thereto. The presence at the Site of materials that are necessary for the execution of the Work, or that are to be incorporated in the Work, and that are controlled and contained pursuant to industry practices, Laws

and Regulations, and the requirements of the Contract, does not establish a Hazardous Environmental Condition.

23. *Laws and Regulations; Laws or Regulations*—Any and all applicable laws, statutes, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.
24. *Liens*—Charges, security interests, or encumbrances upon Contract-related funds, real property, or personal property.
25. *Milestone*—A principal event in the performance of the Work that the Contract requires Contractor to achieve by an intermediate completion date or by a time prior to Substantial Completion of all the Work.
26. *Notice of Award*—The written notice by Owner to a Bidder of Owner's acceptance of the Bid.
27. *Notice to Proceed*—A written notice by Owner to Contractor fixing the date on which the Contract Times will commence to run and on which Contractor shall start to perform the Work.
28. *Owner*—The individual or entity with which Contractor has contracted regarding the Work, and which has agreed to pay Contractor for the performance of the Work, pursuant to the terms of the Contract.
29. *Progress Schedule*—A schedule, prepared and maintained by Contractor, describing the sequence and duration of the activities comprising the Contractor's plan to accomplish the Work within the Contract Times.
30. *Project*—The total undertaking to be accomplished for Owner by engineers, contractors, and others, including planning, study, design, construction, testing, commissioning, and start-up, and of which the Work to be performed under the Contract Documents is a part.
31. *Project Manual*—The written documents prepared for, or made available for, procuring and constructing the Work, including but not limited to the Bidding Documents or other construction procurement documents, geotechnical and existing conditions information, the Agreement, bond forms, General Conditions, Supplementary Conditions, and Specifications. The contents of the Project Manual may be bound in one or more volumes.
32. *Resident Project Representative*—The authorized representative of Engineer assigned to assist Engineer at the Site. As used herein, the term Resident Project Representative or "RPR" includes any assistants or field staff of Resident Project Representative.
33. *Samples*—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and that establish the standards by which such portion of the Work will be judged.
34. *Schedule of Submittals*—A schedule, prepared and maintained by Contractor, of required submittals and the time requirements for Engineer's review of the submittals and the performance of related construction activities.
35. *Schedule of Values*—A schedule, prepared and maintained by Contractor, allocating portions of the Contract Price to various portions of the Work and used as the basis for reviewing Contractor's Applications for Payment. If the Owner or Engineer prepares a Bid Schedule breaking the Work down into estimated

quantities (pay items) for the purpose of bidding the Work, the Schedule of Values shall be the Bid Schedule. If there is any part of the Work that is not identified in the Bid Schedule, such part shall be deemed incidental to Work identified in the Bid Schedule.

36. *Shop Drawings*—All drawings, diagrams, illustrations, schedules, and other data or information that are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work. Shop Drawings, whether approved or not, are not Drawings and are not Contract Documents.
37. *Site*—Lands or areas indicated in the Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements, and such other lands furnished by Owner which are designated for the use of Contractor.
38. *Specifications*—The part of the Contract that consists of written requirements for materials, equipment, systems, standards, and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable to the Work.
39. *Subcontractor*—An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work.
40. *Substantial Completion*—The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of Engineer, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms “substantially complete” and “substantially completed” as applied to all or part of the Work refer to Substantial Completion thereof.
41. *Successful Bidder*—The Bidder whose Bid the Owner accepts, and to which the Owner makes an award of contract, subject to stated conditions.
42. *Supplementary Conditions*—The part of the Contract that amends or supplements these General Conditions. If additional supplements are included in the Contract Documents, they may be in the form of Supplementary or Special Conditions.
43. *Supplier*—A manufacturer, fabricator, supplier, distributor, materialman, or vendor having a direct contract with Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by Contractor or a Subcontractor.
44. *Technical Data*—Those items expressly identified as Technical Data in the Supplementary Conditions, with respect to either (a) subsurface conditions at the Site, or physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities) or (b) Hazardous Environmental Conditions at the Site. If no such express identifications of Technical Data have been made with respect to conditions at the Site, then the data contained in boring logs, recorded measurements of subsurface water levels, laboratory test results, and other factual, objective information regarding conditions at the Site that are set forth in any geotechnical or environmental report prepared for the Project and made available to Contractor are hereby defined as Technical Data with respect to conditions at the Site under Paragraphs 5.03, 5.04, and 5.06.

45. *Underground Facilities*—All underground pipelines, conduits, ducts, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or attachments, and any encasements containing such facilities, including but not limited to those that convey electricity, gases, steam, liquid petroleum products, telephone or other communications, fiber optic transmissions, cable television, water, wastewater, storm water, other liquids or chemicals, or traffic or other control systems.
46. *Unit Price Work*—Work to be paid for on the basis of unit prices.
47. *Work*—The entire construction or the various separately identifiable parts thereof required to be provided under the Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction; furnishing, installing, and incorporating all materials and equipment into such construction; and may include related services such as testing, start-up, and commissioning, all as required by the Contract Documents.
48. *Work Change Directive*—A written directive to Contractor issued on or after the Effective Date of the Contract, signed by Owner and recommended by Engineer, ordering an addition, deletion, or revision in the Work.

## 1.02 Terminology

- A. The words and terms discussed in the following paragraphs are not defined but, when used in the Bidding Requirements or Contract Documents, have the indicated meaning.
- B. *Intent of Certain Terms or Adjectives:*
  1. The Contract Documents include the terms “as allowed,” “as approved,” “as ordered,” “as directed” or terms of like effect or import to authorize an exercise of professional judgment by Engineer. In addition, the adjectives “reasonable,” “suitable,” “acceptable,” “proper,” “satisfactory,” or adjectives of like effect or import are used to describe an action or determination of Engineer as to the Work. It is intended that such exercise of professional judgment, action, or determination will be solely to evaluate, in general, the Work for compliance with the information in the Contract Documents and with the design concept of the Project as a functioning whole as shown or indicated in the Contract Documents (unless there is a specific statement indicating otherwise). The use of any such term or adjective is not intended to and shall not be effective to assign to Engineer any duty or authority to supervise or direct the performance of the Work, or any duty or authority to undertake responsibility contrary to the provisions of Article 10 or any other provision of the Contract Documents.
- C. *Day:*
  1. The word “day” means a calendar day of 24 hours measured from midnight to the next midnight.
- D. *Defective:*
  1. The word “defective,” when modifying the word “Work,” refers to Work that is unsatisfactory, faulty, or deficient in that it:
    - a. does not conform to the Contract Documents; or



- b. does not meet the requirements of any applicable inspection, reference standard, test, or approval referred to in the Contract Documents; or
  - c. has been damaged prior to Engineer's recommendation of final payment (unless responsibility for the protection thereof has been assumed by Owner at Substantial Completion in accordance with Paragraph 15.03 or 15.04).
- E. *Furnish, Install, Perform, Provide:*
- 1. The word "furnish," when used in connection with services, materials, or equipment, shall mean to supply and deliver said services, materials, or equipment to the Site (or some other specified location) ready for use or installation and in usable or operable condition.
  - 2. The word "install," when used in connection with services, materials, or equipment, shall mean to put into use or place in final position said services, materials, or equipment complete and ready for intended use.
  - 3. The words "perform" or "provide," when used in connection with services, materials, or equipment, shall mean to furnish and install said services, materials, or equipment complete and ready for intended use.
  - 4. If the Contract Documents establish an obligation of Contractor with respect to specific services, materials, or equipment, but do not expressly use any of the four words "furnish," "install," "perform," or "provide," then Contractor shall furnish and install said services, materials, or equipment complete and ready for intended use.
- F. Unless stated otherwise in the Contract Documents, words or phrases that have a well-known technical or construction industry or trade meaning are used in the Contract Documents in accordance with such recognized meaning.

## **ARTICLE 2 – PRELIMINARY MATTERS**

### *2.01 Delivery of Bonds and Evidence of Insurance*

- A. *Bonds:* When Contractor delivers the executed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner such bonds, insurance certificates, insurance endorsements, and other documents as Contractor may be required to furnish under the Contract Documents.
- B. *Evidence of Contractor's Insurance:* When Contractor delivers the executed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner, with copies to each named insured and additional insured (as identified in the Supplementary Conditions or elsewhere in the Contract), the certificates and other evidence of insurance required to be provided by Contractor in accordance with Article 6.
- C. *Evidence of Owner's Insurance:* After receipt of the executed counterparts of the Agreement and all required bonds and insurance documentation, Owner shall, upon the Contractor's request, promptly deliver to Contractor, with copies to each named insured and additional insured (as identified in the Supplementary Conditions or otherwise), the certificates and other evidence of insurance required to be provided by Owner under Article 6.

## 2.02 *Copies of Documents*

A. Owner shall furnish to Contractor up to four printed copies of the Contract (including one fully executed counterpart of the Agreement), and one copy in electronic portable document format (PDF). Additional printed copies will be furnished upon request at the cost of reproduction.

B.

## 2.03 *Before Starting Construction*

A. *Preliminary Schedules*: Within 10 days after the Notice to Proceed (or as otherwise specifically required by the Contract Documents), Contractor shall submit to Engineer for timely review:

1. a preliminary Progress Schedule indicating the times (numbers of days or dates) for starting and completing the various stages of the Work, including any Milestones specified in the Contract;
2. a preliminary Schedule of Submittals; and
3. a preliminary Schedule of Values for all of the Work which includes quantities and prices of items which when added together equal the Contract Price and subdivides the Work into component parts in sufficient detail to serve as the basis for progress payments during performance of the Work. Such prices will include an appropriate amount of overhead and profit applicable to each item of Work. The total of the schedule of values prepared for the Work, as required by the General Conditions, shall not exceed the Bid submitted for the Work, unless such amount is adjusted as provided in the Contract Documents.

B. The Contractor shall prepare the Progress Schedule within ten (10) days of the date of the Notice to Proceed. The Progress Schedule shall include and be consistent with any applicable Milestone Dates in the Construction Documents. The Contractor shall prepare all Progress Schedules in CPM format unless provided otherwise in the Contract Document or otherwise agreed in writing by the Owner. The Progress Schedule is for coordinating the timing, phasing, and sequence of the Work of the contractors and shall not change or modify the date for Substantial Completion. The date for Substantial Completion shall only be changed or modified by Change Order, other Modification, or a Claim that is finally resolved, regardless of the date in the Proposed Schedule.

1. The Contractor shall update the Progress Schedule each month. In preparing and updating the Progress Schedule, the Contractor shall take into consideration but not be bound by the scheduling and other information submitted by the other contractors and subcontractors.
2. The Progress Schedule shall be manpower loaded and shall include a schedule of the submission of Shop Drawings, Product Data, and Samples.
3. The Contractor shall, on a weekly basis, prepare and submit to the Engineer a written report describing the activities begun or finished during the preceding week, Work in progress, expected completion of the Work, a look-ahead projection of all activities to be started or finished in the upcoming two (2) weeks, including without limitation the Contractor's workforce crew size and total resource hours associated with such Work and any other information requested by the Engineer.

4. The float in the Progress Schedule and any updates to it shall belong to the Owner. Float shall mean the amount of time by which activities may be delayed without affecting the Contract date for Substantial Completion.
- C. The Contractor's obligation to furnish requested scheduling information is a material term of its Contract. If the Contractor fails to furnish requested scheduling information in writing within five (5) days of a request for such information from the Design Professional or Owner, the Contractor shall pay and the Owner may withhold from the Contractor Liquidated Damages at the rate of Fifty Dollars (\$50.00) a day for each calendar day thereafter that the Contractor fails to furnish the requested information.
- D. THE PERIODS OF TIME IN THE PROJECT CONSTRUCTION SCHEDULE ARE OF THE ESSENCE TO THIS CONTRACT. THE CONTRACTOR SHALL PROSECUTE ITS WORK IN ACCORDANCE WITH THE CURRENT PROJECT CONSTRUCTION SCHEDULE.

2.04 *Preconstruction Conference; Designation of Authorized Representatives*

- A. Before any Work at the Site is started, a conference attended by Owner, Contractor, Engineer, and others as appropriate will be held to establish a working understanding among the parties as to the Work and to discuss the schedules referred to in Paragraph 2.03.A, procedures for handling Shop Drawings, Samples, and other submittals, processing Applications for Payment, electronic or digital transmittals, and maintaining required records.
- B. At this conference the Contractor shall designate, in writing, a specific individual to act as its authorized representative with respect to the services and responsibilities under the Contract. Such individuals shall have the authority to transmit and receive information, render decisions relative to the Contract, and otherwise act on behalf of each respective party.

2.05 *Initial Acceptance of Schedules*

- A. At least 10 days before submission of the first Application for Payment a conference, attended by Contractor, Engineer, and others as appropriate, will be held to review for acceptability to Engineer as provided below the schedules submitted in accordance with Paragraph 2.03.A. Contractor shall have an additional 10 days to make corrections and adjustments and to complete and resubmit the schedules. No progress payment shall be made to Contractor until acceptable schedules are submitted to Engineer.
  1. The Progress Schedule will be acceptable to Engineer if it provides an orderly progression of the Work to completion within the Contract Times. Such acceptance will not impose on Engineer responsibility for the Progress Schedule, for sequencing, scheduling, or progress of the Work, nor interfere with or relieve Contractor from Contractor's full responsibility therefor.
  2. Contractor's Schedule of Submittals will be acceptable to Engineer if it provides a workable arrangement for reviewing and processing the required submittals.
  3. Contractor's Schedule of Values will be acceptable to Engineer as to form and substance if it provides a reasonable allocation of the Contract Price to the component parts of the Work. Once approved by the Engineer, the Contractor will not change the allocation of the Contract Price to the component parts of the Work without the Engineer's written approval. The Engineer thereafter may from time to time require the Contractor to adjust such schedule if the Engineer determines it to be in any way unreasonable or inaccurate. The Contractor then

shall adjust the schedule of values as required by the Engineer within ten (10) days.

2.06 *Electronic Transmittals*

- A. Except as otherwise stated elsewhere in the Contract, the Owner, Engineer, and Contractor may transmit, and shall accept, Project-related correspondence, text, data, documents, drawings, information, and graphics, including but not limited to Shop Drawings and other submittals, in electronic media or digital format, either directly, or through access to a secure Project website.
- B. If the Contract does not establish protocols for electronic or digital transmittals, then Owner, Engineer, and Contractor may jointly develop such protocols.
- C. When transmitting items in electronic media or digital format, the transmitting party makes no representations as to long term compatibility, usability, or readability of the items resulting from the recipient's use of software application packages, operating systems, or computer hardware differing from those used in the drafting or transmittal of the items, or from those established in applicable transmittal protocols.

**ARTICLE 3 – DOCUMENTS: INTENT, REQUIREMENTS, REUSE**

3.01 *Intent*

- A. The Contract Documents are complementary; what is required by one is as binding as if required by all.
- B. It is the intent of the Contract Documents to describe a functionally complete project (or part thereof) to be constructed in accordance with the Contract Documents. Any labor, documentation, services, materials, or equipment that may reasonably be inferred from the Contract Documents or from prevailing custom or trade usage as being required to produce the intended result will be provided whether or not specifically called for at no additional cost to Owner.
- C. Unless otherwise stated in the Contract Documents, if there is a discrepancy between the electronic or digital versions of the Contract Documents (including any printed copies derived from such electronic or digital versions) and the printed record version, the printed record version shall govern.
- D. The Contract supersedes prior negotiations, representations, and agreements, whether written or oral.
- E. Engineer will issue clarifications and interpretations of the Contract Documents as provided herein.

3.02 *Reference Standards*

- A. Standards Specifications, Codes, Laws and Regulations
  - 1. Reference in the Contract Documents to standard specifications, manuals, reference standards, or codes of any technical society, organization, or association, or to Laws or Regulations, whether such reference be specific or by implication, shall mean the standard specification, manual, reference standard, code, or Laws or Regulations in effect at the time of opening of Bids (or on the Effective Date of the Contract if there were no Bids), except as may be otherwise specifically stated in the Contract Documents.

2. No provision of any such standard specification, manual, reference standard, or code, or any instruction of a Supplier, shall be effective to change the duties or responsibilities of Owner, Contractor, or Engineer, or any of their subcontractors, consultants, agents, or employees, from those set forth in the part of the Contract Documents prepared by or for Engineer. No such provision or instruction shall be effective to assign to Owner, Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, any duty or authority to supervise or direct the performance of the Work or any duty or authority to undertake responsibility inconsistent with the provisions of the part of the Contract Documents prepared by or for Engineer.

### 3.03 *Reporting and Resolving Discrepancies*

#### A. *Reporting Discrepancies:*

1. *Contractor's Verification of Figures and Field Measurements:* In addition to its obligations under the Information and Requirements for Bidders, before undertaking each part of the Work, Contractor shall carefully study the Contract Documents, and check and verify pertinent figures and dimensions therein, particularly with respect to applicable field measurements. Contractor shall promptly report in writing to Engineer any conflict, error, ambiguity, or discrepancy that Contractor discovers, or has actual knowledge of, and shall not proceed with any Work affected thereby until the conflict, error, ambiguity, or discrepancy is resolved, by a clarification or interpretation by Engineer, or by an amendment or supplement to the Contract Documents issued pursuant to Paragraph 11.01.
2. *Contractor's Review of Contract Documents:* If, before or during the performance of the Work, Contractor discovers any conflict, error, ambiguity, or discrepancy within the Contract Documents, or between the Contract Documents and (a) any applicable Law or Regulation, (b) actual field conditions, (c) any standard specification, manual, reference standard, or code, or (d) any instruction of any Supplier, then Contractor shall promptly report it to Engineer in writing. Contractor shall not proceed with the Work affected thereby (except in an emergency as required by Paragraph 7.15) until the conflict, error, ambiguity, or discrepancy is resolved, by a clarification or interpretation by Engineer, or by an amendment or supplement to the Contract Documents issued pursuant to Paragraph 11.01.
3. Contractor shall not be liable to Owner or Engineer for failure to report any conflict, error, ambiguity, or discrepancy in the Contract Documents unless Contractor knew or reasonably should have known thereof or Contractor failed to perform its obligations under the Information and Requirements for Bidders.
4. In addition to its obligations under the Information and Requirements for Bidders, if Contractor proceeds with work that Contractor had actual knowledge or should have known that a conflict, error, ambiguity, or discrepancy existed as indicated above, correction of work constructed without such notification to Engineer shall be at Contractor's expense, (except in an emergency as authorized pursuant to the terms of the contract).

#### B. *Resolving Discrepancies:*

1. Except as may be otherwise specifically stated in the Contract Documents, the provisions of the part of the Contract Documents prepared by or for Engineer shall take precedence in resolving any conflict, error, ambiguity, or discrepancy between such provisions of the Contract Documents and:

- a. the provisions of any standard specification, manual, reference standard, or code, or the instruction of any Supplier (whether or not specifically incorporated by reference as a Contract Document); or
  - b. the provisions of any Laws or Regulations applicable to the performance of the Work (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).
2. Within the Contract Documents, requirements of the Agreement shall take precedence over the Modified General Conditions, which shall take precedence over the Specifications, which shall take precedence over the Drawings.
  3. Within a particular Contract Document, figure dimensions on Drawings shall take precedence over general Drawings. Specific instructions or specifications shall take precedence over general instructions or specifications.

#### 3.04 *Requirements of the Contract Documents*

- A. During the performance of the Work and until final payment, Contractor and Owner shall submit to the Engineer all matters in question concerning the requirements of the Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Contract Documents, as soon as possible after such matters arise. Engineer will be the initial interpreter of the requirements of the Contract Documents, and judge of the acceptability of the Work thereunder.
- B. Engineer will, with reasonable promptness, render a written clarification, interpretation, or decision on the issue submitted, or initiate an amendment or supplement to the Contract Documents. Engineer's written clarification, interpretation, or decision will be final and binding on Contractor, unless it appeals by submitting a Change Proposal, and on Owner, unless it appeals by filing a Claim.
- C. If a submitted matter in question concerns terms and conditions of the Contract Documents that do not involve (1) the performance or acceptability of the Work under the Contract Documents, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other engineering or technical matters, then Engineer will promptly give written notice to Owner and Contractor that Engineer is unable to provide a decision or interpretation. If Owner and Contractor are unable to agree on resolution of such a matter in question, either party may pursue resolution as provided in Article 12.

#### 3.05 *Reuse of Documents*

- A. Contractor and its Subcontractors and Suppliers shall not:
  1. have or acquire any title to or ownership rights in any of the Drawings, Specifications, or other documents (or copies of any thereof) prepared by or bearing the seal of Engineer or its consultants, including electronic media editions, or reuse any such Drawings, Specifications, other documents, or copies thereof on extensions of the Project or any other project without written consent of Owner and Engineer and specific written verification or adaptation by Engineer; or
  2. have or acquire any title or ownership rights in any other Contract Documents, reuse any such Contract Documents for any purpose without Owner's express written consent, or violate any copyrights pertaining to such Contract Documents.

- B. The prohibitions of this Paragraph 3.05 will survive final payment, or termination of the Contract. Nothing herein shall preclude Contractor from retaining copies of the Contract Documents for record purposes.

## **ARTICLE 4 – COMMENCEMENT AND PROGRESS OF THE WORK**

### **4.01 Commencement of Contract Times; Notice to Proceed**

- A. The Contract Times will commence to run on the Effective Date of the Contract or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceed. A Notice to Proceed may be given at any time within 60 days after the date bids are received for the Project. In no event will the Contract Times commence to run later than the sixtieth day after the day of Bid opening unless mutually agreed to by the Owner and Contractor.

### **4.02 Starting the Work**

- A. Contractor shall start to perform the Work on the date when the Contract Times commence to run. No Work shall be done at the Site prior to such date.

### **4.03 Reference Points**

- A. Owner shall provide engineering surveys to establish reference points for construction which in Engineer's judgment are necessary to enable Contractor to proceed with the Work. Contractor shall be responsible for laying out the Work, shall protect and preserve the established reference points and property monuments, and shall make no changes or relocations without the prior written approval of Owner. Contractor shall report to Engineer whenever any reference point or property monument is lost or destroyed or requires relocation because of necessary changes in grades or locations, and shall be responsible for the accurate replacement or relocation of such reference points or property monuments by professionally qualified personnel.

### **4.04 Progress Schedule**

- A. Contractor shall adhere to the Progress Schedule established in accordance with Paragraph 2.05 as it may be adjusted from time to time as provided below.
  - 1. Contractor shall submit to Engineer for acceptance (to the extent indicated in Paragraph 2.05) proposed adjustments in the Progress Schedule that will not result in changing the Contract Times.
  - 2. Proposed adjustments in the Progress Schedule that will change the Contract Times shall be submitted in accordance with the requirements of Article 11.
- B. Contractor shall carry on the Work and adhere to the Progress Schedule during all disputes or disagreements with Owner. No Work shall be delayed or postponed pending resolution of any disputes or disagreements, or during any appeal process, except as permitted by Paragraph 16.04, or as Owner and Contractor may otherwise agree in writing.
- C. The float in the Progress Schedule and any updates to it shall belong to Owner. Float shall mean the amount of time by which activities may be delayed without affecting the Contract Date for Substantial Completion.

### **4.05 Delays in Contractor's Progress**

- A. If Owner, Engineer, or anyone for whom Owner is responsible, delays, disrupts, or interferes with the performance or progress of the Work, then Contractor shall be

entitled to an equitable adjustment in the Contract Times and Contract Price provided the Contractor timely submits a Change Proposal as required by the Contract. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times.

- B. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for delay, disruption, or interference caused by or within the control of Contractor. Delay, disruption, and interference attributable to and within the control of a Subcontractor or Supplier, of any tier, shall be deemed to be within the control of Contractor.
- C. If Contractor's performance or progress is delayed, disrupted, or interfered with by unanticipated causes not the fault of and beyond the control of Owner, Contractor, and those for which they are responsible, then Contractor shall be entitled to an equitable adjustment in Contract Times provided the Contractor timely submits a Change Proposal as required by the Contract. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times. Such an adjustment shall be Contractor's sole and exclusive remedy for the delays, disruption, and interference described in this paragraph. Causes of delay, disruption, or interference that may give rise to an adjustment in Contract Times under this paragraph include but are not limited to the following:
  - 1. severe and unavoidable natural catastrophes such as fires, floods, epidemics, and earthquakes;
  - 2. abnormal weather conditions;
  - 3. acts or failures to act of utility owners (other than those performing other work at or adjacent to the Site by arrangement with the Owner, as contemplated in Article 8); and
  - 4. acts of war or terrorism.
- D. Delays, disruption, and interference to the performance or progress of the Work resulting from the existence of a differing subsurface or physical condition, an Underground Facility that was not shown or indicated by the Contract Documents, or not shown or indicated with reasonable accuracy, and those resulting from Hazardous Environmental Conditions, are governed by Article 5.
- E. Paragraph 8.03 governs delays, disruption, and interference to the performance or progress of the Work resulting from the performance of certain other work at or adjacent to the Site.
- F. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for any delay, disruption, or interference if such delay is concurrent with a delay, disruption, or interference caused by or within the control of Contractor.
- G. Contractor must submit any Change Proposal seeking an adjustment in Contract Price or Contract Times under this paragraph within 30 days of the commencement of the delaying, disrupting, or interfering event. Contractor's failure to timely submit a Change Proposal within this 30-day time period shall constitute an irrevocable waiver of Contractor's right to an adjustment of the Contract Times or Contract Price.
- H. **Weather Delays.** When the Contractor is prevented from completing any part of the Work on the critical path within the Contract Time due to weather conditions, if a



Change Proposal is made therefor as provided in the Contract, the Contract Times will be extended by one (1) day for each work day lost due to weather that delays Work on the critical path in excess of those in the following table:

Month	Workdays Lost Due To Weather
January	8
February	8
March	7
April	6
May	5
June	5
July	4
August	4
September	5
October	5
November	5
December	6

- I. The Contractor acknowledges and agrees that the Owner and/or parties in privity of contract with the Owner may delay, interfere with and/or disrupt the Contractor's Work, and such actions shall not constitute a breach of contract by the Owner, since the Contractor is entitled to additional compensation by properly pursuing a Change Proposal and Claim as permitted by these Modified General Conditions. Pending the final resolution of a Claim, the Contractor shall continue performance of the Work.
- J. If the Owner determines that the performance of the Work has not progressed such that it is likely that the Contractor will not substantially complete its Work by its Date for Substantial Completion based upon the Contractor's failure to achieve specific milestone dates contained within the Progress Schedule, the Owner shall have the right to order the Contractor to take corrective measures necessary to expedite the Work, including, without limitation: (i) working additional shifts or overtime; (ii) supplying additional manpower, equipment, and facilities; and (iii) other similar measures (collectively referred to as "Corrective Measures"). If the Owner orders the Contractor to take such corrective measures, and regardless of any claims, disputes or objections, the Contractor shall take and continue such Corrective Measures until the Owner is satisfied that the Contractor is likely to substantially complete its Work by its Date for Substantial Completion.
  1. The Contractor shall not be entitled to adjustment in the Contract Sum in connection with the Corrective Measures required by the Owner pursuant to Paragraph 4.05(J), unless the Contractor is able to establish that it is entitled to additional compensation under other terms of the Contract Documents.

## ARTICLE 5 – AVAILABILITY OF LANDS; SUBSURFACE AND PHYSICAL CONDITIONS; HAZARDOUS ENVIRONMENTAL CONDITIONS

### 5.01 *Availability of Lands*

- A. Owner shall furnish the Site. Owner shall notify Contractor of any encumbrances or restrictions not of general application but specifically related to use of the Site with which Contractor must comply in performing the Work.
- B. Upon reasonable request, Owner shall furnish Contractor with a Notice of Commencement prepared for the Project, conforming to the provisions of Ohio Revised Code Section 1311.252.
- C. Contractor shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

### 5.02 *Use of Site and Other Areas*

#### A. *Limitation on Use of Site and Other Areas:*

- 1. Contractor shall confine construction equipment, temporary construction facilities, the storage of materials and equipment, and the operations of workers to the Site, adjacent areas that Contractor has arranged to use through construction easements or otherwise, and other adjacent areas permitted by Laws and Regulations, and shall not unreasonably encumber the Site and such other adjacent areas with construction equipment or other materials or equipment. Contractor shall assume full responsibility for (a) damage to the Site; (b) damage to any such other adjacent areas used for Contractor's operations; (c) damage to any other adjacent land or areas; and (d) for injuries and losses sustained by the owners or occupants of any such land or areas; provided that such damage or injuries result from the performance of the Work or from other actions or conduct of the Contractor or those for which Contractor is responsible.
  - 2. If a damage or injury claim is made by the owner or occupant of any such land or area because of the performance of the Work, or because of other actions or conduct of the Contractor or those for which Contractor is responsible, Contractor shall (a) take immediate corrective or remedial action as required by Paragraph 7.12, or otherwise; (b) promptly attempt to settle the claim as to all parties through negotiations with such owner or occupant, or otherwise resolve the claim by arbitration or other dispute resolution proceeding, or at law; and (c) to the fullest extent permitted by Laws and Regulations, indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against any such claim, and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any claim or action, legal or equitable, brought by any such owner or occupant against Owner, Engineer, or any other party indemnified hereunder to the extent caused directly or indirectly, in whole or in part by, or based upon, Contractor's performance of the Work, or because of other actions or conduct of the Contractor or those for which Contractor is responsible.
- B. *Removal of Debris During Performance of the Work:* During the progress of the Work the Contractor shall keep the Site and other adjacent areas free from accumulations of waste materials, rubbish, and other debris. Removal and disposal of such waste

materials, rubbish, and other debris shall conform to applicable Laws and Regulations.

- C. *Cleaning:* Prior to Substantial Completion of the Work Contractor shall clean the Site and the Work and make it ready for utilization by Owner. At the completion of the Work Contractor shall remove from the Site and adjacent areas all tools, appliances, construction equipment and machinery, and surplus materials and shall restore to original condition all property not designated for alteration by the Contract Documents.
- D. *Loading of Structures:* Contractor shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall Contractor subject any part of the Work or adjacent structures or land to stresses or pressures that will endanger them.

### 5.03 *Subsurface and Physical Conditions*

- A. *Reports and Drawings:* The Contract identifies:
  - 1. those reports known to Owner of explorations and tests of subsurface conditions at or adjacent to the Site;
  - 2. those drawings known to Owner of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities); and
  - 3. Technical Data contained in such reports and drawings.
- B. *Reliance by Contractor on Technical Data Authorized:* Contractor may rely upon the general accuracy of the Technical Data expressly identified in the Supplementary Conditions with respect to such reports and drawings, but such reports and drawings are not Contract Documents. If no such express identification has been made, then Contractor may rely upon the accuracy of the Technical Data (as defined in Article 1) contained in any geotechnical or environmental report prepared for the Project and made available to Contractor. Except for such reliance on Technical Data, Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, with respect to:
  - 1. the completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, and safety precautions and programs incident thereto; or
  - 2. other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings; or
  - 3. any Contractor interpretation of or conclusion drawn from any Technical Data or any such other data, interpretations, opinions, or information.
- C. It is possible that there may be other reports and/or tests of subsurface conditions at or contiguous to the Site. The Owner makes no representation about such reports and/or tests, assuming they exist. For example, all interpolations and extrapolations of data performed by Contractor to estimate locations or quantities of subsurface strata are independent factual assumptions, which Owner does not warrant.

#### 5.04 *Differing Subsurface or Physical Conditions*

- A. *Notice by Contractor:* If Contractor believes that any subsurface or physical condition that is uncovered or revealed at the Site either:
1. is of such a nature as to establish that any Technical Data on which Contractor is entitled to rely as provided in Paragraph 5.03 is materially inaccurate; or
  2. is of such a nature as to require a change in the Drawings or Specifications; or
  3. differs materially from that shown or indicated in the Contract Documents; or
  4. is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents;

then Contractor shall, as a condition precedent to any increase in the Contract Price and/or an extension of the Contract Times, promptly and within no more than 48 hours after becoming aware thereof, and before further disturbing the subsurface or physical conditions or performing any Work in connection therewith (except in an emergency as required by Paragraph 7.15), notify Owner and Engineer in writing about such condition. Contractor shall not further disturb such condition or perform any Work in connection therewith (except with respect to an emergency) until receipt of a written statement permitting Contractor to do so. If Contractor fails to notify Owner and Engineer within the time required by this Paragraph 5.04.A, Contractor irrevocable waives any right to a Contract Price and Contract Time Adjustment under Paragraph 5.04.C.

- B. *Engineer's Review:* After receipt of written notice as required by the preceding paragraph, Engineer will promptly review the subsurface or physical condition in question; determine the necessity of Owner's obtaining additional exploration or tests with respect to the condition; conclude whether the condition falls within any one or more of the differing site condition categories in Paragraph 5.04.A above; obtain any pertinent cost or schedule information from Contractor; prepare recommendations to Owner regarding the Contractor's resumption of Work in connection with the subsurface or physical condition in question and the need for any change in the Drawings or Specifications; and advise Owner in writing, with a copy to the Contractor, of Engineer's findings, conclusions, and recommendations.
- C. *Possible Price and Times Adjustments:*
1. Contractor shall be entitled to an equitable adjustment in Contract Price or Contract Times, or both, to the extent that the existence of a differing subsurface or physical condition, or any related delay, disruption, or interference, causes an increase or decrease in Contractor's cost of, or time required for, performance of the Work; subject, however, to the following:
    - a. such condition must fall within any one or more of the categories described in Paragraph 5.04.A;
    - b. with respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraph 13.03; and,
    - c. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times.

2. Contractor shall not be entitled to any adjustment in the Contract Price or Contract Times with respect to a subsurface or physical condition if:
  - a. Contractor knew or should have known of the existence of such condition at the time Contractor made a commitment to Owner with respect to Contract Price and Contract Times by the submission of a Bid or becoming bound under a negotiated contract, or otherwise; or
  - b. the existence of such condition reasonably could have been discovered or revealed as a result of any examination, investigation, exploration, test, or study of the Site and contiguous areas expressly required by the Bidding Requirements or Contract Documents to be conducted by or for Contractor prior to Contractor's making such commitment; or
  - c. Contractor failed to give the written notice as required by Paragraph 5.04.A and failed to submit a Change Proposal within 30 days of issuance of the Engineer's review.
3. If Owner and Contractor agree regarding Contractor's entitlement to and the amount or extent of any adjustment in the Contract Price or Contract Times, or both, then any such adjustment shall be set forth in a Change Order.
4. Contractor shall submit a Change Proposal regarding its entitlement to or the amount or extent of any adjustment in the Contract Price or Contract Times, or both, no later than 30 days after issuance of the Engineer's review regarding the subsurface or physical condition in question.

#### 5.05 *Underground Facilities*

- A. *Contractor's Responsibilities:* The information and data shown or indicated in the Contract Documents with respect to existing Underground Facilities at or adjacent to the Site is based on information and data furnished to Owner or Engineer by the owners of such Underground Facilities, including Owner, or by others. Unless it is otherwise expressly provided in the Modified General Conditions:
  1. Owner and Engineer do not warrant or guarantee the accuracy or completeness of any such information or data; and
  2. the cost of all of the following will be included in the Contract Price, and Contractor shall have full responsibility for:
    - a. reviewing and checking all information and data regarding existing Underground Facilities at the Site;
    - b. locating all Underground Facilities shown or indicated in the Contract Documents as being at the Site protecting all Underground Facilities in a manner at least as cautious and protective of safety and of underground facilities as those methods identified in Ohio Revised Code Sections 3781.25 and 3781.30;
    - c. coordination of the Work with the owners (including Owner) of such Underground Facilities, during construction; and
    - d. the safety and protection of all existing Underground Facilities at the Site, and repairing any damage thereto resulting from the Work.
- B. *Notice by Contractor:* If Contractor believes that an Underground Facility that is uncovered or revealed at the Site was not shown or indicated in the Contract Documents, or was not shown or indicated with reasonable accuracy, then Contractor

shall, promptly after becoming aware thereof and before further disturbing conditions affected thereby or performing any Work in connection therewith (except in an emergency as required by Paragraph 7.15), identify the owner of such Underground Facility and give written notice to that owner and to Owner and Engineer.

- C. *Engineer's Review:* Engineer will promptly review the Underground Facility and conclude whether such Underground Facility was not shown or indicated in the Contract Documents, or was not shown or indicated with reasonable accuracy; obtain any pertinent cost or schedule information from Contractor; prepare recommendations to Owner regarding the Contractor's resumption of Work in connection with the Underground Facility in question; determine the extent, if any, to which a change is required in the Drawings or Specifications to reflect and document the consequences of the existence or location of the Underground Facility; and advise Owner in writing, with a copy to the Contractor, of Engineer's findings, conclusions, and recommendations. During such time, Contractor shall be responsible for the safety and protection of such Underground Facility.
- D. *Possible Price and Times Adjustments:*
1. Contractor shall be entitled to an equitable adjustment in the Contract Price or Contract Times, or both, to the extent that any existing Underground Facility at the Site that was not shown or indicated in the Contract Documents, or was not shown or indicated with reasonable accuracy, or any related delay, disruption, or interference, causes an increase or decrease in Contractor's cost of, or time required for, performance of the Work; subject, however, to the following:
    - a. Contractor did not know of and could not reasonably have been expected to be aware of or to have anticipated the existence or actual location of the Underground Facility in question;
    - b. With respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraph 13.03;
    - c. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times; and
    - d. Contractor gave the notice required in Paragraph 5.05.B and submitted a Change Proposal no later than 30 days after issuance of the Engineer's review.
  2. If Owner and Contractor agree regarding Contractor's entitlement to and the amount or extent of any adjustment in the Contract Price or Contract Times, or both, then any such adjustment shall be set forth in a Change Order.
  3. Contractor shall submit a Change Proposal regarding its entitlement to or the amount or extent of any adjustment in the Contract Price or Contract Times, or both, no later than 30 days after Engineer's issuance of the Engineer's Review to Contractor regarding the Underground Facility in question.

#### 5.06 *Hazardous Environmental Conditions at Site*

- A. *Reports and Drawings:* The Supplementary Conditions identify:
1. those reports and drawings known to Owner relating to Hazardous Environmental Conditions that have been identified at or adjacent to the Site; and
  2. Technical Data contained in such reports and drawings.

- B. *Reliance by Contractor on Technical Data Authorized:* Contractor may rely upon the accuracy of the Technical Data expressly identified in the Supplementary Conditions with respect to such reports and drawings, but such reports and drawings are not Contract Documents. If no such express identification has been made, then Contractor may rely on the accuracy of the Technical Data (as defined in Article 1) contained in any geotechnical or environmental report prepared for the Project and made available to Contractor. Except for such reliance on Technical Data, Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors with respect to:
1. the completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences and procedures of construction to be employed by Contractor and safety precautions and programs incident thereto; or
  2. other data, interpretations, opinions and information contained in such reports or shown or indicated in such drawings; or
  3. any Contractor interpretation of or conclusion drawn from any Technical Data or any such other data, interpretations, opinions or information.
- C. Contractor shall not be responsible for removing or remediating any Hazardous Environmental Condition encountered, uncovered, or revealed at the Site unless such removal or remediation is expressly identified in the Contract Documents to be within the scope of the Work.
- D. Contractor shall be responsible for controlling, containing, and duly removing all Constituents of Concern brought to the Site by Contractor, Subcontractors, Suppliers, or anyone else for whom Contractor is responsible, and for any associated costs; and for the costs of removing and remediating any Hazardous Environmental Condition created by the presence of any such Constituents of Concern.
- E. If Contractor encounters, uncovers, or reveals a Hazardous Environmental Condition whose removal or remediation is not expressly identified in the Contract Documents as being within the scope of the Work, or if Contractor or anyone for whom Contractor is responsible creates a Hazardous Environmental Condition, then Contractor shall immediately: (1) secure or otherwise isolate such condition; (2) stop all Work in connection with such condition and in any area affected thereby (except in an emergency as required by Paragraph 7.15); and (3) notify Owner and Engineer (and promptly thereafter confirm such notice in writing). Owner shall promptly consult with Engineer concerning the necessity for Owner to retain a qualified expert to evaluate such condition or take corrective action, if any. Promptly after consulting with Engineer, Owner shall take such actions as are necessary to permit Owner to timely obtain required permits and provide Contractor the written notice required by Paragraph 5.06.F. If Contractor or anyone for whom Contractor is responsible created the Hazardous Environmental Condition in question, then Owner may remove and remediate the Hazardous Environmental Condition, and impose a set-off against payments to account for the associated costs. If Contractor fails to notify Owner and Engineer within the time required by this Paragraph 5.06.E, Contractor waives any right to a Contract Price and Contract Time Adjustment.
- F. Contractor shall not resume Work in connection with such Hazardous Environmental Condition or in any affected area until after Owner has obtained any required permits related thereto, and delivered written notice to Contractor either (1) specifying that

such condition and any affected area is or has been rendered safe for the resumption of Work, or (2) specifying any special conditions under which such Work may be resumed safely.

- G. If Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times, or both, as a result of such Work stoppage or such special conditions under which Work is agreed to be resumed by Contractor, then within 30 days of Owner's written notice regarding the resumption of Work, Contractor may submit a Change Proposal, or Owner may impose a set-off.
- H. If after receipt of such written notice Contractor does not agree to resume such Work based on a reasonable belief it is unsafe, or does not agree to resume such Work under such special conditions, then Owner may order the portion of the Work that is in the area affected by such condition to be deleted from the Work, following the contractual change procedures in Article 11. Owner may have such deleted portion of the Work performed by Owner's own forces or others in accordance with Article 8.
- I. To the extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition, provided that such Hazardous Environmental Condition (1) was not shown or indicated in the Drawings, Specifications, or other Contract Documents, identified as Technical Data entitled to limited reliance pursuant to Paragraph 5.06.B, or identified in the Contract Documents to be included within the scope of the Work, and (2) was not created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 5.06.H shall obligate Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence. Such obligation shall be limited to the limits of Owner's insurance coverage for such loss.
- J. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the failure to control, contain, or remove a Constituent of Concern brought to the Site by Contractor or by anyone for whom Contractor is responsible, or to a Hazardous Environmental Condition created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 5.06.J shall obligate Contractor to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- K. The provisions of Paragraphs 5.03, 5.04, and 5.05 do not apply to the presence of Constituents of Concern or to a Hazardous Environmental Condition uncovered or revealed at the Site.



## ARTICLE 6 – BONDS AND INSURANCE

### 6.01 *Performance, Payment, and Other Bonds*

- A. Contractor shall furnish a performance bond and payment bond, in an amount equal to the Contract Price, as security for the faithful performance and payment of all of Contractor's obligations under the Contract. Such bond shall be in the form that meets the requirements of the Ohio Revised Code. If the Contractor submitted a combined Bid Guaranty and Contract Bond with its bid for the Work, that form of Bond shall satisfy the Contractor's requirement to provide a Contract Bond. Contractor shall also furnish any other bonds as are required by the Contract Documents.
- B. All bonds shall be in the form prescribed by the Ohio Revised Code and shall be executed by such sureties as are named in "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (as amended and supplemented) by the Financial Management Service, Surety Bond Branch, U.S. Department of the Treasury. A bond signed by an agent or attorney-in-fact must be accompanied by a certified copy of that individual's authority to bind the surety. The evidence of authority shall show that it is effective on the date the agent or attorney-in-fact signed the accompanying bond.
- C. Contractor shall obtain the required bonds from surety companies that are duly licensed or authorized in the jurisdiction in which the Project is located to issue bonds in the required amounts.
- D. If the surety on a bond furnished by Contractor is declared bankrupt or becomes insolvent, or its right to do business is terminated in any state or jurisdiction where any part of the Project is located, or the surety ceases to meet the requirements above, then Contractor shall promptly notify Owner and Engineer and shall, within 20 days after the event giving rise to such notification, provide another bond and surety, both of which shall comply with the bond and surety requirements above.
- E. If Contractor has failed to obtain a required bond, Owner may exclude the Contractor from the Site and exercise Owner's termination rights under Article 16.
- F. Upon request, Owner shall provide a copy of the payment bond to any Subcontractor, Supplier, or other person or entity claiming to have furnished labor or materials used in the performance of the Work.
- G. *Material Default or Termination.* If the Owner notifies the Contractor's surety that the Contractor is in material default, the surety will complete its investigation of the claimed material default within 21 days. The surety is advised to start looking for a replacement contractor upon notice of material default. As part of its investigation, the surety shall promptly visit the offices of the Contractor, Engineer, and Owner to inspect and copy the available Project records. The Owner, Engineer, and Contractor, upon written request by the surety, shall make such records available during regular business hours for such inspection and copying. The Owner and Engineer's making such records available as provided herein shall satisfy the Owner's obligation to the surety to furnish documents for the investigation. The surety will provide the Owner with the results of its investigation, including any written report or documents.

If the Owner terminates the Contract and the surety proposes to takeover the Work, the surety shall do so no later than the later of the expiration of the 21-day investigation period or 10 days after the date the Owner terminates the Contract, whichever is later. If the Owner terminates the Contract, and the surety proposes to

provide a replacement contractor, the replacement contractor shall be fully capable of performing the Work in accordance with the Contract Documents. If the Contractor is terminated for cause, the replacement contractor shall not be the Contractor or its employees, unless the Owner agrees in writing. In the event the Surety takes over the Project, the surety's obligation shall not be limited to the penal sum of the Bond.

If the surety does not propose an acceptable contractor as required by this Paragraph, the Owner may complete the Work by such means as it deems appropriate. In the event the Owner agrees to accept a replacement contractor, the replacement contractor shall furnish its own bond for the replacement contractor's scope of work, and neither the Contractor nor the surety shall be relieved of their obligations under the Contract Documents.

This Paragraph is in addition to any other rights of the Owner under the Contract Documents and is not intended to create any rights of the surety, including but not limited to the right to take over the Contractor's obligations.

In the event of the Contractor's termination and if the surety does not takeover the Work as provided in this Paragraph, the Owner may take possession of and use all materials, facilities and equipment at the Project Site or stored off-site for which Owner has paid in whole or in part.

#### 6.02 *Insurance—General Provisions*

- A. Owner and Contractor shall obtain and maintain insurance as required in this Article and in the Supplementary Conditions.
- B. All insurance required by the Contract to be purchased and maintained by Owner or Contractor shall be obtained from insurance companies that are duly licensed or authorized, in the state or jurisdiction in which the Project is located, to issue insurance policies for the required limits and coverages. Unless a different standard is indicated in the Supplementary Conditions, all companies that provide insurance policies required under this Contract shall have an A.M. Best rating of A-VII or better.
- C. Contractor shall deliver to Owner, with copies to each named insured and additional insured (as identified in this Article, in the Supplementary Conditions, or elsewhere in the Contract), certificates of insurance establishing that Contractor has obtained and is maintaining the policies, coverages, and endorsements required by the Contract. Upon request by Owner or any other insured, Contractor shall also furnish other evidence of such required insurance, including but not limited to copies of policies and endorsements, and documentation of applicable self-insured retentions and deductibles. Contractor may block out (redact) any confidential premium or pricing information contained in any policy or endorsement furnished under this provision. Failure of Owner to demand such certificates or other evidence of full compliance with these insurance requirements or failure of Owner to identify a deficiency from evidence provided shall not be construed as a waiver of Contractor's obligation to maintain such insurance.
- D. Owner shall, upon the Contractor's request, deliver to Contractor, with copies to each named insured and additional insured (as identified in this Article, the Supplementary Conditions, or elsewhere in the Contract), certificates of insurance establishing that Owner has obtained and is maintaining the policies, coverages, and endorsements required of Owner by the Contract (if any). Upon request by Contractor or any other insured, Owner shall also provide other evidence of such required insurance (if any), including but not limited to copies of policies and endorsements, and documentation of applicable self-insured retentions and deductibles. Owner may block out (redact)

any confidential premium or pricing information contained in any policy or endorsement furnished under this provision.

- E. Failure of Owner or Contractor to demand such certificates or other evidence of the other party's full compliance with these insurance requirements, or failure of Owner or Contractor to identify a deficiency in compliance from the evidence provided, shall not be construed as a waiver of the other party's obligation to obtain and maintain such insurance.
- F. If either party does not purchase or maintain all of the insurance required of such party by the Contract, such party shall notify the other party in writing of such failure to purchase prior to the start of the Work, or of such failure to maintain prior to any change in the required coverage.
- G. If Contractor has failed to obtain and maintain required insurance, Owner may exclude the Contractor from the Site, impose an appropriate set-off against payment, and exercise Owner's termination rights under Article 16.
- H. Without prejudice to any other right or remedy, if a party has failed to obtain required insurance, the other party may elect to obtain equivalent insurance to protect such other party's interests at the expense of the party who was required to provide such coverage, and the Contract Price shall be adjusted accordingly.
- I. Owner does not represent that insurance coverage and limits established in this Contract necessarily will be adequate to protect Contractor or Contractor's interests.
- J. The insurance and insurance limits required herein shall not be deemed as a limitation on Contractor's liability under the indemnities granted to Owner and other individuals and entities in the Contract.
- K. The minimum limits of liability for the required insurance policies listed in Paragraph 6.03 shall not be less than the following unless a greater amount is required by law:
  - 1. Commercial General Liability ("CGL"): Bodily injury (including death and personal injury) and property damage with limits of \$1,000,000 each occurrence and \$2,000,000 aggregate. CGL shall include (i) Premises-Operations, (ii) Explosion and Collapse Hazard, (iii) Underground Hazard, (iv) Independent Contractors' Protective, (v) Broad Form Property Damage, including Completed Operations, (vi) Contractual Liability, (vii) Products and Completed Operations, (viii) Personal/Advertising Injury with Employment Exclusion deleted, (ix) Stopgap liability endorsement for \$1,000,000 limit, and (x) per project aggregate endorsement.
  - 2. Automobile Liability, covering all owned, non-owned, and hired vehicles used in connection with the Work: Bodily injury (including death and personal injury) and property damage with a combined single limit of \$1,000,000 per person and \$1,000,000 each accident.
  - 3. Such policies shall be supplemented by an umbrella policy, also written on an occurrence basis, to provide additional protection to provide coverage in the total amount of \$1,000,000 for each occurrence and \$1,000,000 aggregate for contracts with a Contract Price of \$250,000 or less; \$2,000,000 each occurrence and \$2,000,000 aggregate for contracts with a Contract Price greater than \$250,000 but less than or equal to \$500,000; \$3,000,000 each occurrence and \$3,000,000 aggregate for contracts with a Contract Price greater than \$500,000 but less than or equal to \$1,000,000; and \$5,000,000 each occurrence and

\$5,000,000 aggregate for contracts with a Contract Price greater than \$1,000,000.

### 6.03 Contractor's Insurance

- A. *Workers' Compensation*: Contractor shall purchase and maintain workers' compensation and employer's liability insurance for:
1. claims under workers' compensation, disability benefits, and other similar employee benefit acts.
  2. United States Longshoreman and Harbor Workers' Compensation Act and Jones Act coverage (if applicable).
  3. claims for damages because of bodily injury, occupational sickness or disease, or death of Contractor's employees (by stop-gap endorsement in monopolist worker's compensation states).
  4. Foreign voluntary worker compensation (if applicable).
- B. *Commercial General Liability—Claims Covered*: Contractor shall purchase and maintain commercial general liability insurance, covering all operations by or on behalf of Contractor, on an occurrence basis, against:
1. claims for damages because of bodily injury, sickness or disease, or death of any person other than Contractor's employees.
  2. claims for damages insured by reasonably available personal injury liability coverage.
  3. claims for damages, other than to the Work itself, because of injury to or destruction of tangible property wherever located, including loss of use resulting therefrom.
- C. *Commercial General Liability—Form and Content*: Contractor's commercial liability policy shall be written on a 1996 (or later) ISO commercial general liability form (occurrence form) and include the following coverages and endorsements:
1. Products and completed operations coverage:
    - a. Such insurance shall be maintained for three years after final payment.
    - b. Contractor shall furnish Owner and each other additional insured (as identified in the Supplementary Conditions or elsewhere in the Contract) evidence of continuation of such insurance at final payment and three years thereafter.
  2. Blanket contractual liability coverage, to the extent permitted by law, including but not limited to coverage of Contractor's contractual indemnity obligations in Paragraph 7.18.
  3. Broad form property damage coverage.
  4. Severability of interest.
  5. Underground, explosion, and collapse coverage.
  6. Personal injury coverage.
  7. Additional insured endorsements that include both ongoing operations and products and completed operations coverage through ISO Endorsements CG 20

10 10 01 and CG 20 37 10 01 (together); or CG 20 10 07 04 and CG 20 37 07 04 (together); or their equivalent.

8. For design professional additional insureds, ISO Endorsement CG 20 32 07 04, "Additional Insured—Engineers, Architects or Surveyors Not Engaged by the Named Insured" or its equivalent.
- D. *Automobile liability*: Contractor shall purchase and maintain automobile liability insurance against claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance, or use of any motor vehicle. The automobile liability policy shall be written on an occurrence basis.
  - E. *Umbrella or excess liability*: Contractor shall purchase and maintain umbrella or excess liability insurance written over the underlying employer's liability, commercial general liability, and automobile liability insurance described in the paragraphs above. Subject to industry-standard exclusions, the coverage afforded shall follow form as to each and every one of the underlying policies.
  - F. *Contractor's pollution liability insurance*: Contractor shall purchase and maintain a policy covering third-party injury and property damage claims, including clean-up costs, as a result of pollution conditions arising from Contractor's operations and completed operations. This insurance shall be maintained for no less than three years after final completion.
  - G. *Additional insureds*: The Contractor's commercial general liability, automobile liability, umbrella or excess, and pollution liability policies shall include and list as additional insureds Owner and Engineer, and any individuals or entities identified in the Supplementary Conditions; include coverage for the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of all such additional insureds; and the insurance afforded to these additional insureds shall provide primary coverage for all claims covered thereby (including as applicable those arising from both ongoing and completed operations) on a non-contributory basis. Contractor shall obtain all necessary endorsements to support these requirements.
  - H. *Contractor's professional liability insurance*: If Contractor will provide or furnish professional services under this Contract, through a delegation of professional design services or otherwise, then Contractor shall be responsible for purchasing and maintaining applicable professional liability insurance. This insurance shall provide protection against claims arising out of performance of professional design or related services, and caused by a negligent error, omission, or act for which the insured party is legally liable. It shall be maintained throughout the duration of the Contract and for a minimum of two years after Substantial Completion. If such professional design services are performed by a Subcontractor, and not by Contractor itself, then the requirements of this paragraph may be satisfied through the purchasing and maintenance of such insurance by such Subcontractor.
  - I. *General provisions*: The policies of insurance required by this Paragraph 6.03 shall:
    1. include at least the specific coverages provided in this Article.
    2. be written for not less than the limits of liability provided in this Article and in the Supplementary Conditions, or required by Laws or Regulations, whichever is greater.
    3. contain a provision or endorsement that the coverage afforded will not be canceled, materially changed, or renewal refused until at least 30 days prior

written notice has been given to Contractor, Owner, and Engineer and each other insured under the policy.

4. remain in effect at least until final payment (and longer if expressly required in this Article) and at all times thereafter when Contractor may be correcting, removing, or replacing defective Work as a warranty or correction obligation, or otherwise, or returning to the Site to conduct other tasks arising from the Contract Documents.
  5. be appropriate for the Work being performed and provide protection from claims that may arise out of or result from Contractor's performance of the Work and Contractor's other obligations under the Contract Documents, whether it is to be performed by Contractor, any Subcontractor or Supplier, or by anyone directly or indirectly employed by any of them to perform any of the Work, or by anyone for whose acts any of them may be liable.
- J. The coverage requirements for specific policies of insurance must be met by such policies, and not by reference to excess or umbrella insurance provided in other policies.
6. Contractor's insurance shall be primary and non-contributory.
  7. Insurance policies shall be written on an occurrence basis only.
  8. The Contractor shall require all Subcontractors to provide Workers' Compensation, CGL, and Automobile Liability Insurance with the same minimum limits specified herein, unless the Owner agrees to a lesser amount.

#### 6.04 *Owner's Liability Insurance*

- A. In addition to the insurance required to be provided by Contractor under Paragraph 6.03, Owner, at Owner's option, may purchase and maintain at Owner's expense Owner's own liability insurance as will protect Owner against claims which may arise from operations under the Contract Documents.
- B. Owner's liability policies, if any, operate separately and independently from policies required to be provided by Contractor, and Contractor cannot rely upon Owner's liability policies for any of Contractor's obligations to the Owner, Engineer, or third parties.

#### 6.05 *Property Insurance*

- A. *Builder's Risk:* Contractor shall purchase and maintain builder's risk insurance upon the Work on a completed value basis, in the amount of the full insurable replacement cost thereof. Insurance shall be completed value form. This insurance shall:
  1. include the Owner and Contractor as named insureds, and all Subcontractors, and any individuals or entities required by the Supplementary Conditions to be insured under such builder's risk policy, as insureds or named insureds. For purposes of the remainder of this Paragraph 6.05, Paragraphs 6.06 and 6.07, and any corresponding Supplementary Conditions, the parties required to be insured shall collectively be referred to as "insureds." Insurance certificates shall specifically indicate by name the additional insureds which are to include Owner and Engineer as well as other individuals or entities so identified.
  2. be written on a builder's risk "all risk" policy form that shall at least include insurance for physical loss or damage to the Work, temporary buildings, falsework, and materials and equipment in transit, and shall insure against at

least the following perils or causes of loss: fire; lightning; windstorm; riot; civil commotion; terrorism; vehicle impact; aircraft; smoke; theft; vandalism and malicious mischief; mechanical breakdown, boiler explosion, and artificially generated electric current; earthquake; volcanic activity, and other earth movement; flood; collapse; explosion; debris removal; demolition occasioned by enforcement of Laws and Regulations; water damage (other than that caused by flood); and such other perils or causes of loss as may be specifically required by the Supplementary Conditions. If insurance against mechanical breakdown, boiler explosion, and artificially generated electric current; earthquake; volcanic activity, and other earth movement; or flood, are not commercially available under builder's risk policies, by endorsement or otherwise, such insurance may be provided through other insurance policies acceptable to Owner.

3. cover, as insured property, at least the following: (a) the Work and all materials, supplies, machinery, apparatus, equipment, fixtures, and other property of a similar nature that are to be incorporated into or used in the preparation, fabrication, construction, erection, or completion of the Work, including Owner-furnished or assigned property; (b) spare parts inventory required within the scope of the Contract; and (c) temporary works which are not intended to form part of the permanent constructed Work but which are intended to provide working access to the Site, or to the Work under construction, or which are intended to provide temporary support for the Work under construction, including scaffolding, form work, fences, shoring, falsework, and temporary structures.
  4. cover expenses incurred in the repair or replacement of any insured property (including but not limited to fees and charges of engineers and architects).
  5. cover the total value of materials and equipment supplied under the Contract from the time Contractor takes possession of them until they are installed and tested by Contractor and the project is accepted as complete by Owner under an endorsement to this policy or in the form of Installation Floater Insurance of the "all risk" type.
  6. extend to cover damage or loss to insured property while in transit.
  7. allow for partial occupation or use of the Work by Owner, such that those portions of the Work that are not yet occupied or used by Owner shall remain covered by the builder's risk insurance.
  8. allow for the waiver of the insurer's subrogation rights, as set forth below.
  9. provide primary coverage for all losses and damages caused by the perils or causes of loss covered.
  10. not include a co-insurance clause.
  11. include an exception for ensuing losses from physical damage or loss with respect to any defective workmanship, design, or materials exclusions.
  12. include performance/hot testing and start-up.
  13. be maintained in effect, subject to the provisions herein regarding Substantial Completion and partial occupancy or use of the Work by Owner, until the Work is complete.
- B. *Notice of Cancellation or Change:* All the policies of insurance (and the certificates or other evidence thereof) required to be purchased and maintained in accordance with this Paragraph 6.05 will contain a provision or endorsement that the coverage

afforded will not be canceled or materially changed or renewal refused until at least 10 days prior written notice has been given to the purchasing policyholder. Within three days of receipt of any such written notice, the purchasing policyholder shall provide a copy of the notice to each other insured.

- C. *Deductibles*: Contractor shall be responsible for any deductible or self-insured retention.
- D. *Partial Occupancy or Use by Owner*: If Owner will occupy or use a portion or portions of the Work prior to Substantial Completion of all the Work as provided in Paragraph 15.04, then Owner (through Contractor) will provide notice of such occupancy or use to the builder's risk insurer. The builder's risk insurance shall not be canceled or permitted to lapse on account of any such partial use or occupancy; rather, those portions of the Work that are occupied or used by Owner may come off the builder's risk policy, while those portions of the Work not yet occupied or used by Owner shall remain covered by the builder's risk insurance.
- E. *Additional Insurance*: If Contractor elects to obtain other special insurance to be included in or supplement the builder's risk or property insurance policies provided under this Paragraph 6.05, it may do so at Contractor's expense.
- F. *Insurance of Other Property*: If the express insurance provisions of the Contract do not require or address the insurance of a property item or interest, such as tools, construction equipment, or other personal property owned by Contractor, a Subcontractor, or an employee of Contractor or a Subcontractor, then the entity or individual owning such property item will be responsible for deciding whether to insure it, and if so in what amount.
- G. *Payment of Deductible*: Contractor shall pay all deductible provisions applicable to claims related to the Project made under and paid by insurance. If more than one Contractor is responsible for the incident giving rise to the insurance coverage, the Contractors shall be responsible on a pro rata basis, according to their responsibility for the occurrence or accident giving rise to the claim, for payment of the deductible. The risk of loss within such identified deductible amount will be borne by Contractor, Subcontractors, or others suffering any such loss, and if any of them wishes property insurance coverage within the limits of such amounts, each may purchase and maintain it at the purchaser's own expense.

#### 6.06 *Waiver of Rights*

- A. All policies purchased in accordance with Paragraph 6.05, expressly including the builder's risk policy, shall contain provisions to the effect that in the event of payment of any loss or damage the insurers will have no rights of recovery against any insureds thereunder, or against Engineer or its consultants, or their officers, directors, members, partners, employees, agents, consultants, or subcontractors. Owner and Contractor waive all rights against each other and the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, for all losses and damages caused by, arising out of, or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work; and, in addition, waive all such rights against Engineer, its consultants, all Subcontractors, all individuals or entities identified in the Supplementary Conditions as insureds, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, under such policies for losses and damages so caused. None of the above waivers shall extend to the rights that any party making such waiver may have to the



proceeds of insurance held by Owner or Contractor as trustee or fiduciary, or otherwise payable under any policy so issued.

- B. Owner waives all rights against Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, for:
  - 1. loss due to business interruption, loss of use, or other consequential loss extending beyond direct physical loss or damage to Owner's property or the Work caused by, arising out of, or resulting from fire or other perils whether or not insured by Owner; and
  - 2. loss or damage to the completed Project or part thereof caused by, arising out of, or resulting from fire or other insured peril or cause of loss covered by any property insurance maintained on the completed Project or part thereof by Owner during partial occupancy or use pursuant to Paragraph 15.04, after Substantial Completion pursuant to Paragraph 15.03, or after final payment pursuant to Paragraph 15.06.
- C. Any insurance policy maintained by Owner covering any loss, damage or consequential loss referred to in Paragraph 6.06.B shall contain provisions to the effect that in the event of payment of any such loss, damage, or consequential loss, the insurers will have no rights of recovery against Contractor, Subcontractors, or Engineer, or the officers, directors, members, partners, employees, agents, consultants, or subcontractors of each and any of them.
- D. Contractor shall be responsible for assuring that the agreement under which a Subcontractor performs a portion of the Work contains provisions whereby the Subcontractor waives all rights against Owner, Contractor, all individuals or entities identified in the Supplementary Conditions as insureds, the Engineer and its consultants, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, for all losses and damages caused by, arising out of, relating to, or resulting from any of the perils or causes of loss covered by builder's risk insurance and any other property insurance applicable to the Work.

#### 6.07 *Receipt and Application of Property Insurance Proceeds*

- A. Any insured loss under the builder's risk and other policies of insurance required by Paragraph 6.05 will be adjusted and settled with the named insured that purchased the policy. Such named insured shall act as fiduciary for the other insureds, and give notice to such other insureds that adjustment and settlement of a claim is in progress. Any other insured may state its position regarding a claim for insured loss in writing within 15 days after notice of such claim.
- B. Proceeds for such insured losses may be made payable by the insurer either jointly to multiple insureds, or to the named insured that purchased the policy in its own right and as fiduciary for other insureds, subject to the requirements of any applicable mortgage clause. A named insured receiving insurance proceeds under the builder's risk and other policies of insurance required by Paragraph 6.05 shall distribute such proceeds in accordance with such agreement as the parties in interest may reach, or as otherwise required under the dispute resolution provisions of this Contract or applicable Laws and Regulations.

- C. If no other special agreement is reached, the damaged Work shall be repaired or replaced, the money so received applied on account thereof, and the Work and the cost thereof covered by Change Order, if needed.

## **ARTICLE 7 – CONTRACTOR’S RESPONSIBILITIES**

### *7.01 Supervision and Superintendence*

- A. Contractor shall supervise, inspect, and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents. Contractor shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction.
- B. At all times during the progress of the Work, Contractor shall assign a competent resident superintendent who shall have full authority to act on behalf of Contractor and who shall not be replaced without written notice to Owner and Engineer except under extraordinary circumstances.

### *7.02 Labor; Working Hours*

- A. Contractor shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. Contractor shall at all times maintain good discipline and order at the Site.
- B. Except as otherwise required for the safety or protection of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site shall be performed during regular working hours, Monday through Friday. Contractor will not perform Work on a Saturday, Sunday, or any legal holiday. Contractor may perform Work outside regular working hours or on Saturdays, Sundays, or legal holidays only with Owner’s written consent, which will not be unreasonably withheld.

### *7.03 Services, Materials, and Equipment*

- A. Unless otherwise specified in the Contract Documents, Contractor shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for the performance, testing, start up, and completion of the Work, whether or not such items are specifically called for in the Contract Documents. The foregoing items and services shall all be included in Contractor’s original bid and no additional payments shall be made for the provision of any of the foregoing items and services.
- B. All materials and equipment incorporated into the Work shall be of good quality and new, except as otherwise provided in the Contract Documents. All special warranties and guarantees required by the Specifications shall expressly run to the benefit of Owner. If required by Engineer, Contractor shall furnish satisfactory evidence (including reports of required tests) as to the source, kind, and quality of materials and equipment. Contractor warrants that all materials and equipment are suitable and fit for the intended use of such materials and equipment and are free from defects in material, workmanship, or design. The foregoing applies whether or not the materials or equipment are specified in the Contract Documents.

- C. All materials and equipment shall be stored, applied, installed, connected, erected, protected, used, cleaned, and conditioned in accordance with instructions of the applicable Supplier, except as otherwise may be provided in the Contract Documents.

7.04 *“Or Equals”*

- A. Substitutions prior to the receipt of bids shall be governed by the Instruction to Bidders. Substitutions after the entry into the Agreement shall be governed by these Modified General Conditions.
  - 1. If Engineer in its sole discretion determines that an item of material or equipment proposed by Contractor is functionally equal to that named and sufficiently similar so that no change in related Work will be required, Engineer shall deem it an “or equal” item. For the purposes of this paragraph, a proposed item of material or equipment will be considered functionally equal to an item so named if:
    - a. in the exercise of reasonable judgment Engineer determines that:
      - 1) it is at least equal in materials of construction, quality, durability, appearance, strength, and design characteristics;
      - 2) it will reliably perform at least equally well the function and achieve the results imposed by the design concept of the completed Project as a functioning whole;
      - 3) it has a proven record of performance and availability of responsive service; and
      - 4) it is not objectionable to Owner.
    - b. Contractor certifies that, if approved and incorporated into the Work:
      - 1) there will be no increase in cost to the Owner or increase in Contract Times; and
      - 2) it will conform substantially to the detailed requirements of the item named in the Contract Documents.
- B. *Contractor’s Expense:* Contractor shall provide all data in support of any proposed “or equal” item at Contractor’s expense.
- C. *Engineer’s Evaluation and Determination:* Engineer will be allowed a reasonable time to evaluate each “or-equal” request. Engineer may require Contractor to furnish additional data about the proposed “or-equal” item. Engineer will be the sole judge of acceptability. No “or-equal” item will be ordered, furnished, installed, or utilized until Engineer’s review is complete and Engineer determines that the proposed item is an “or-equal”, which will be evidenced by an approved Shop Drawing or other written communication. Engineer will advise Contractor in writing of any negative determination.
- D. *Effect of Engineer’s Determination:* Neither approval nor denial of an “or-equal” request shall result in any change in Contract Price. The Engineer’s denial of an “or-equal” request shall be final and binding, and may not be reversed through an appeal under any provision of the Contract Documents.
- E. *Treatment as a Substitution Request.* If Engineer determines that an item of material or equipment proposed by Contractor does not qualify as an “or-equal” item, Contractor may request that Engineer considered the proposed item as a substitute pursuant to Paragraph 7.05.

## 7.05 *Substitutes*

- A. Unless the specification or description of an item of material or equipment required to be furnished under the Contract Documents contains or is followed by words reading that no substitution is permitted, Contractor may request that Engineer authorize the use of other items of material or equipment under the circumstances described below. To the extent possible such requests shall be made before commencement of related construction at the Site.
1. Contractor shall submit sufficient information as provided below to allow Engineer to determine if the item of material or equipment proposed is functionally equivalent to that named and an acceptable substitute therefor. Engineer will not accept requests for review of proposed substitute items of material or equipment from anyone other than Contractor.
  2. The requirements for review by Engineer will be as set forth in Paragraph 7.05.B, as supplemented by the Specifications, and as Engineer may decide is appropriate under the circumstances.
  3. Contractor shall make written application to Engineer for review of a proposed substitute item of material or equipment that Contractor seeks to furnish or use. The application:
    - a. shall certify that the proposed substitute item will:
      - 1) perform adequately the functions and achieve the results called for by the general design,
      - 2) be similar in substance to that specified, and
      - 3) be suited to the same use as that specified.
    - b. will state:
      - 1) the extent, if any, to which the use of the proposed substitute item will necessitate a change in Contract Times,
      - 2) whether use of the proposed substitute item in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with Owner for other work on the Project) to adapt the design to the proposed substitute item, and
      - 3) whether incorporation or use of the proposed substitute item in connection with the Work is subject to payment of any license fee or royalty.
    - c. will identify:
      - 1) all variations of the proposed substitute item from that specified, and
      - 2) available engineering, sales, maintenance, repair, and replacement services.
    - d. shall contain an itemized estimate of all costs or credits that will result directly or indirectly from use of such substitute item, including but not limited to changes in Contract Price, shared savings, costs of redesign, and claims of other contractors affected by any resulting change.
- B. *Engineer's Evaluation and Determination:* Engineer will be allowed a reasonable time to evaluate each substitute request, and to obtain comments and direction from

Owner. Engineer may require Contractor to furnish additional data about the proposed substitute item. Engineer will be the sole judge of acceptability. No substitute will be ordered, furnished, installed, or utilized until Engineer's review is complete and Engineer determines that the proposed item is an acceptable substitute. Engineer's determination will be evidenced by a Field Order or a proposed Change Order accounting for the substitution itself and all related impacts, including changes in Contract Price or Contract Times. Engineer will advise Contractor in writing of any negative determination.

- C. *Special Guarantee:* Owner may require Contractor to furnish at Contractor's expense a special performance guarantee or other surety with respect to any substitute.
- D. *Reimbursement of Engineer's Cost:* Engineer will record Engineer's costs in evaluating a substitute proposed or submitted by Contractor. Whether or not Engineer approves a substitute so proposed or submitted by Contractor, Contractor shall reimburse Owner for the reasonable charges of Engineer for evaluating each such proposed substitute. Contractor shall also reimburse Owner for the reasonable charges of Engineer for making changes in the Contract Documents (or in the provisions of any other direct contract with Owner) resulting from the acceptance of each proposed substitute. In the instance where the Engineer is the City of Gahanna Engineer, the foregoing work shall be charged at a rate of \$75.00 per hour for any City of Gahanna employee performing the tasks contemplated in this paragraph.
- E. *Contractor's Expense:* Contractor shall provide all data in support of any proposed substitute at Contractor's expense.
- F. *Effect of Engineer's Determination:* If Engineer approves the substitution request, Contractor shall execute the proposed Change Order and proceed with the substitution. The Engineer's denial of a substitution request shall be final and binding, and may not be reversed through an appeal under any provision of the Contract Documents. Contractor may challenge the scope of reimbursement costs imposed under Paragraph 7.05.D, by timely submittal of a Change Proposal.

#### 7.06 *Concerning Subcontractors, Suppliers, and Others*

- A. Contractor may retain Subcontractors and Suppliers for the performance of parts of the Work. Such Subcontractors and Suppliers must be acceptable to Owner.
- B. Contractor shall retain specific Subcontractors, Suppliers, or other individuals or entities for the performance of designated parts of the Work if required by the Contract to do so.
- C. Subsequent to the submittal of Contractor's Bid or final negotiation of the terms of the Contract, Owner may not require Contractor to retain any Subcontractor, Supplier, or other individual or entity to furnish or perform any of the Work against which Contractor has reasonable objection. If Owner or Engineer, after due investigation, has reasonable objections to any proposed Subcontractor, Supplier, or other individual or entity, either may request Contractor submit an acceptable substitute without an increase in Contract Price, and the Contractor shall do so within ten (10) days.
- D. Prior to entry into any binding subcontract or purchase order, Contractor shall submit to Owner the identity of the proposed Subcontractor or Supplier (unless Owner has already deemed such proposed Subcontractor or Supplier acceptable, during the bidding process or otherwise). Such proposed Subcontractor or Supplier shall be deemed acceptable to Owner unless Owner raises a substantive, reasonable

objection within five days. The Owner's acceptance or failure to raise an objection shall not relieve the Contractor of its liability for the acts, omissions, or breaches of contract by its subcontractors or suppliers.

- E. Owner may require the replacement of any Subcontractor, Supplier, employee, or other individual or entity retained by Contractor to perform any part of the Work. Owner also may require Contractor to retain specific replacements; provided, however, that Owner may not require a replacement to which Contractor has a reasonable objection. If Contractor has submitted the identity of certain Subcontractors, Suppliers, or other individuals or entities for acceptance by Owner, and Owner has accepted it (either in writing or by failing to make written objection thereto), then Owner may subsequently revoke the acceptance of any such Subcontractor, Supplier, or other individual or entity so identified solely on the basis of substantive, reasonable objection after due investigation. Contractor shall submit an acceptable replacement for the rejected Subcontractor, Supplier, or other individual or entity. Cause for removal shall include but not be limited to incompetent, unfaithful, or disorderly behavior, refusal to carry out any provision of the Contract Documents, careless or unsatisfactory work, or disrespectful, threatening or abusive language to any supervisor of the work or to the public.
- F. If Owner requires the replacement of any Subcontractor, Supplier, employee, or other individual or entity retained by Contractor to perform any part of the Work, then Contractor shall not be entitled to an adjustment in Contract Price or Contract Times, or both, with respect to the replacement; and Contractor shall initiate a Change Proposal for such adjustment within 30 days of Owner's requirement of replacement.
- G. No acceptance by Owner of any such Subcontractor, Supplier, employee, or other individual or entity, whether initially or as a replacement, shall constitute a waiver of the right of Owner to the completion of the Work in accordance with the Contract Documents.
- H. On a monthly basis Contractor shall submit to Engineer a complete list of all Subcontractors and Suppliers having a direct contract with Contractor, and of all other Subcontractors and Suppliers known to Contractor at the time of submittal.
- I. Contractor shall be fully responsible to Owner and Engineer for all acts and omissions of the Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work just as Contractor is responsible for Contractor's own acts and omissions.
- J. Contractor shall be solely responsible for scheduling and coordinating the work of Subcontractors, Suppliers, and all other individuals or entities performing or furnishing any of the Work.
- K. Contractor shall restrict all Subcontractors, Suppliers, and such other individuals or entities performing or furnishing any of the Work from communicating with Engineer or Owner, except through Contractor or in case of an emergency, or as otherwise expressly allowed herein.
- L. The divisions and sections of the Specifications and the identifications of any Drawings shall not control Contractor in dividing the Work among Subcontractors or Suppliers or delineating the Work to be performed by any specific trade.
- M. All Work performed for Contractor by a Subcontractor or Supplier shall be pursuant to an appropriate contractual agreement that specifically binds the Subcontractor or

Supplier to the applicable terms and conditions of the Contract Documents for the benefit of Owner and Engineer.

- N. Owner may furnish to any Subcontractor or Supplier, to the extent practicable, information about amounts paid to Contractor on account of Work performed for Contractor by the particular Subcontractor or Supplier.
- O. Nothing in the Contract Documents:
  - 1. shall create for the benefit of any such Subcontractor, Supplier, or other individual or entity any contractual relationship between Owner or Engineer and any such Subcontractor, Supplier, or other individual or entity; nor
  - 2. shall create any obligation on the part of Owner or Engineer to pay or to see to the payment of any money due any such Subcontractor, Supplier, or other individual or entity except as may otherwise be required by Laws and Regulations.
- P. The Owner shall be an intended third-party beneficiary of Contractor's agreements with its consultants, subcontractors, and suppliers.

#### 7.07 *Patent Fees and Royalties*

- A. Contractor shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work of any invention, design, process, product, or device which is the subject of patent rights or copyrights held by others. If a particular invention, design, process, product, or device is specified in the Contract Documents for use in the performance of the Work and if, to the actual knowledge of Owner or Engineer, its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights shall be disclosed by Owner in the Contract Documents.
- B. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device not specified in the Contract Documents.

#### 7.08 *Permits*

- A. Unless otherwise provided in the Contract Documents, Contractor shall obtain and pay for all construction permits and licenses. Owner shall assist Contractor, when necessary, in obtaining such permits and licenses. Contractor shall pay all governmental charges and inspection fees necessary for the prosecution of the Work which are applicable at the time of the submission of Contractor's Bid (or when Contractor became bound under a negotiated contract). Owner shall pay all charges of utility owners for connections for providing permanent service to the Work and other agencies or entities as may be required by the nature of the Work.

#### 7.09 *Taxes*

- A. Contractor shall pay all sales, consumer, use, and other similar taxes required to be paid by Contractor in accordance with the Laws and Regulations of the place of the Project which are applicable during the performance of the Work.

- B. Materials purchased for use or consumption in connection with the proposed Work will be exempt from the State of Ohio Sales Tax, as provided in Section 5739.02 of the Ohio Revised Code, and also from the State of Ohio Use Tax, as provided in Section 5741.01 of the Ohio Revised Code. The Owner will provide the Contractor with a Construction Tax Exempt Certificate upon request, made through the Engineer.
- C. Purchases by the Contractor of expendable items, such as form lumber, tools, oil, greases, fuel, or equipment rentals, are subject to the application of Ohio Sales or Use Taxes.
- D. In addition to any other taxes required to be withheld by the Contractor, the Contractor shall withhold any income taxes due to the Owner for wages, salaries and commissions paid to its employees for work done under this Agreement and further agrees that any of its subcontractors shall, by the terms of its subcontract, be required to withhold any such income taxes due for work performed under this Agreement.

#### 7.10 *Laws and Regulations*

- A. Contractor shall give all notices required by and shall comply with all Laws and Regulations applicable to the performance of the Work. Except where otherwise expressly required by applicable Laws and Regulations, neither Owner nor Engineer shall be responsible for monitoring Contractor's compliance with any Laws or Regulations.
- B. If Contractor performs any Work or takes any other action knowing or having reason to know that it is contrary to Laws or Regulations, Contractor shall bear all resulting costs and losses, and shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such Work or other action. It shall not be Contractor's responsibility to make certain that the Work described in the Contract Documents is in accordance with Laws and Regulations, but this shall not relieve Contractor of Contractor's obligations under Paragraph 3.03.

#### 7.11 *Record Documents*

- A. Contractor shall maintain in a safe place at the Site two record copies of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, written interpretations and clarifications, and approved Shop Drawings. Contractor shall keep such record documents in good order and annotate them to show changes made during construction. These record documents, together with all approved Samples, will be available to Engineer for reference. Upon completion of the Work, Contractor shall deliver these record documents, samples, and shop drawings to the Engineer no later than the date for Substantial Completion for the Engineer's review and transmitted to the Owner.

#### 7.12 *Safety and Protection*

- A. Contractor shall be solely responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work. Such responsibility does not relieve Subcontractors of their responsibility for the safety of persons or property in the performance of their work, nor for compliance with applicable safety Laws and Regulations. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury, or loss to:



1. all persons on the Site or who may be affected by the Work;
  2. all the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and
  3. other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, other work in progress, utilities, and Underground Facilities not designated for removal, relocation, or replacement in the course of construction.
- B. Contractor shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection. Contractor shall notify Owner; the owners of adjacent property, Underground Facilities, and other utilities; and other contractors and utility owners performing work at or adjacent to the Site, when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property or work in progress.
- C. Contractor shall comply with the applicable requirements of Owner's safety programs, if any. The Supplementary Conditions identify any Owner's safety programs that are applicable to the Work.
- D. Contractor shall inform Owner and Engineer of the specific requirements of Contractor's safety program with which Owner's and Engineer's employees and representatives must comply while at the Site.
- E. All damage, injury, or loss to any property referred to in Paragraph 7.12.A.2 or 7.12.A.3 caused, directly or indirectly, in whole or in part, by Contractor, any Subcontractor, Supplier, or any other individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, shall be remedied by Contractor at its expense (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of Owner or Engineer or anyone employed by any of them, or anyone for whose acts any of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of Contractor or any Subcontractor, Supplier, or other individual or entity directly or indirectly employed by any of them).
- F. Contractor's duties and responsibilities for safety and protection shall continue until such time as all the Work is completed and Engineer has issued a notice to Owner and Contractor in accordance with Paragraph 15.06.B that the Work is acceptable (except as otherwise expressly provided in connection with Substantial Completion).
- G. Contractor's duties and responsibilities for safety and protection shall resume whenever Contractor or any Subcontractor or Supplier returns to the Site to fulfill warranty or correction obligations, or to conduct other tasks arising from the Contract Documents.

#### 7.13 *Safety Representative*

- A. Contractor shall designate a qualified and experienced safety representative at the Site whose duties and responsibilities shall be the prevention of accidents and the maintaining and supervising of safety precautions and programs.
- B. Contractor shall keep at the Site at all times during the progress of the Work a competent person to comply with OSHA trenching and excavation requirements. The competent person shall be one who is capable of identifying existing and predictable

hazards in the surroundings, or working conditions that are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them.

7.14 *Hazard Communication Programs*

- A. Contractor shall be responsible for coordinating any exchange of material safety data sheets or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with Laws or Regulations.

7.15 *Emergencies*

- A. In emergencies affecting the safety or protection of persons or the Work or property at the Site or adjacent thereto, Contractor is obligated to act to prevent threatened damage, injury, or loss. Contractor shall give Engineer prompt written notice if Contractor believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby or are required as a result thereof. If Engineer determines that a change in the Contract Documents is required because of the action taken by Contractor in response to such an emergency, a Work Change Directive or Change Order will be issued.

7.16 *Shop Drawings, Samples, and Other Submittals*

- A. *Shop Drawing and Sample Submittal Requirements:*
  - 1. Before submitting a Shop Drawing or Sample, Contractor shall have:
    - a. reviewed and coordinated the Shop Drawing or Sample with other Shop Drawings and Samples and with the requirements of the Work and the Contract Documents;
    - b. determined and verified all field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information with respect thereto;
    - c. determined and verified the suitability of all materials and equipment offered with respect to the indicated application, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work; and
    - d. determined and verified all information relative to Contractor's responsibilities for means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto.
  - 2. Each submittal shall bear a stamp or specific written certification that Contractor has satisfied Contractor's obligations under the Contract Documents with respect to Contractor's review of that submittal, and that Contractor approves the submittal.
  - 3. With each submittal, Contractor shall give Engineer specific written notice of any variations that the Shop Drawing or Sample may have from the requirements of the Contract Documents. This notice shall be set forth in a written communication separate from the Shop Drawings or Sample submittal; and, in addition, in the case of Shop Drawings by a specific notation made on each Shop Drawing submitted to Engineer for review and approval of each such variation.

- B. *Submittal Procedures for Shop Drawings and Samples:* Contractor shall submit Shop Drawings and Samples to Engineer for review and approval in accordance with the accepted Schedule of Submittals. Each submittal will be identified as Engineer may require.
1. *Shop Drawings:*
    - a. Contractor shall submit the number of copies required in the Specifications.
    - b. Data shown on the Shop Drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show Engineer the services, materials, and equipment Contractor proposes to provide and to enable Engineer to review the information for the limited purposes required by Paragraph 7.16.D.
  2. *Samples:*
    - a. Contractor shall submit the number of Samples required in the Specifications.
    - b. Contractor shall clearly identify each Sample as to material, Supplier, pertinent data such as catalog numbers, the use for which intended and other data as Engineer may require to enable Engineer to review the submittal for the limited purposes required by Paragraph 7.16.D.
  3. Where a Shop Drawing or Sample is required by the Contract Documents or the Schedule of Submittals, any related Work performed prior to Engineer's review and approval of the pertinent submittal will be at the sole expense and responsibility of Contractor.
- C. *Other Submittals:* Contractor shall submit other submittals to Engineer in accordance with the accepted Schedule of Submittals, and pursuant to the applicable terms of the Specifications.
- D. *Engineer's Review:*
1. Engineer will provide timely review of Shop Drawings and Samples in accordance with the Schedule of Submittals acceptable to Engineer. Engineer's review and approval will be only to determine if the items covered by the submittals will, after installation or incorporation in the Work, conform to the information given in the Contract Documents and be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents.
  2. Engineer's review and approval will not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions or programs incident thereto.
  3. Engineer's review and approval of a separate item as such will not indicate approval of the assembly in which the item functions.
  4. Engineer's review and approval of a Shop Drawing or Sample shall not relieve Contractor from responsibility for any variation from the requirements of the Contract Documents unless Contractor has complied with the requirements of Paragraph 7.16.A.3 and Engineer has given written approval of each such variation by specific written notation thereof incorporated in or accompanying the Shop Drawing or Sample. Engineer will document any such approved variation from the requirements of the Contract Documents in a Field Order.

5. Engineer's review and approval of a Shop Drawing or Sample shall not relieve Contractor from responsibility for complying with the requirements of Paragraph 7.16.A and B.
  6. Engineer's review and approval of a Shop Drawing or Sample, or of a variation from the requirements of the Contract Documents, shall not, under any circumstances, change the Contract Times or Contract Price, unless such changes are included in a Change Order.
  7. Neither Engineer's receipt, review, acceptance or approval of a Shop Drawing, Sample, or other submittal shall result in such item becoming a Contract Document.
  8. Contractor shall perform the Work in compliance with the requirements and commitments set forth in approved Shop Drawings and Samples, subject to the provisions of Paragraph 7.16.D.4.
- E. *Resubmittal Procedures:*
1. Contractor shall make corrections required by Engineer and shall return the required number of corrected copies of Shop Drawings and submit, as required, new Samples for review and approval. Contractor shall direct specific attention in writing to revisions other than the corrections called for by Engineer on previous submittals.
  2. Contractor shall furnish required submittals with sufficient information and accuracy to obtain required approval of an item with no more than three submittals. Engineer will record Engineer's time for reviewing a fourth or subsequent submittal of a Shop Drawings, sample, or other item requiring approval, and Contractor shall be responsible for Engineer's charges to Owner for such time. Owner may impose a set-off against payments due to Contractor to secure reimbursement for such charges.
  3. If Contractor requests a change of a previously approved submittal item, Contractor shall be responsible for Engineer's charges to Owner for its review time, and Owner may impose a set-off against payments due to Contractor to secure reimbursement for such charges, unless the need for such change is beyond the control of Contractor.

#### 7.17 *Contractor's General Warranty and Guarantee*

- A. Contractor warrants and guarantees to Owner that all Work will be in accordance with the Contract Documents and will not be defective. Engineer and its officers, directors, members, partners, employees, agents, consultants, and subcontractors shall be entitled to rely on Contractor's warranty and guarantee.
- B. Contractor's warranty and guarantee hereunder excludes defects or damage caused by:
  1. abuse, modification, or improper maintenance or operation by persons other than Contractor, Subcontractors, Suppliers, or any other individual or entity for whom Contractor is responsible; or
  2. normal wear and tear under normal usage.
- C. Contractor's obligation to perform and complete the Work in accordance with the Contract Documents shall be absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents or a

release of Contractor's obligation to perform the Work in accordance with the Contract Documents:

1. observations by Engineer;
  2. recommendation by Engineer or payment by Owner of any progress or final payment;
  3. the issuance of a certificate of Substantial Completion by Engineer or any payment related thereto by Owner;
  4. use or occupancy of the Work or any part thereof by Owner;
  5. any review and approval of a Shop Drawing or Sample submittal;
  6. the issuance of a notice of acceptability by Engineer;
  7. any inspection, test, or approval by others; or
  8. any correction of defective Work by Owner.
- D. If the Contract requires the Contractor to accept the assignment of a contract entered into by Owner, then the specific warranties, guarantees, and correction obligations contained in the assigned contract shall govern with respect to Contractor's performance obligations to Owner for the Work described in the assigned contract.

#### 7.18 *Indemnification*

- A. To the fullest extent permitted by Laws and Regulations, and in addition to any other obligations of Contractor under the Contract or otherwise, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the performance of the Work, but only to the extent caused by any breach of contract, negligent act or omission of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work or anyone for whose acts any of them may be liable.
- B. In any and all claims against Owner or Engineer or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors by any employee (or the survivor or personal representative of such employee) of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, the indemnification obligation under Paragraph 7.18.A shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for Contractor or any such Subcontractor, Supplier, or other individual or entity under workers' compensation acts, disability benefit acts, or other employee benefit acts.

#### 7.19 *Delegation of Professional Design Services*

- A. Contractor will not be required to provide professional design services unless such services are specifically required by the Contract Documents for a portion of the Work or unless such services are required to carry out Contractor's responsibilities for construction means, methods, techniques, sequences and procedures. Contractor shall not be required to provide professional services in violation of applicable Laws and Regulations.

- B. If professional design services or certifications by a design professional related to systems, materials, or equipment are specifically required of Contractor by the Contract Documents, Owner and Engineer will specify all performance and design criteria that such services must satisfy. Contractor shall cause such services or certifications to be provided by a properly licensed professional, whose signature and seal shall appear on all drawings, calculations, specifications, certifications, and other submittals prepared by such professional. Shop Drawings and other submittals related to the Work designed or certified by such professional, if prepared by others, shall bear such professional's written approval when submitted to Engineer.
- C. Owner and Engineer shall be entitled to rely upon the adequacy, accuracy, and completeness of the services, certifications, or approvals performed by such design professionals, provided Owner and Engineer have specified to Contractor all performance and design criteria that such services must satisfy.
- D. Pursuant to this paragraph, Engineer's review and approval of design calculations and design drawings will be only for the limited purpose of checking for conformance with performance and design criteria given and the design concept expressed in the Contract Documents. Engineer's review and approval of Shop Drawings and other submittals (except design calculations and design drawings) will be only for the purpose stated in Paragraph 7.16.D.1.
- E. Contractor shall not be responsible for the adequacy of the performance or design criteria specified by Owner or Engineer.

## **ARTICLE 8 – OTHER WORK AT THE SITE**

### **8.01 *Other Work***

- A. In addition to and apart from the Work under the Contract Documents, the Owner may perform other work at or adjacent to the Site. Such other work may be performed by Owner's employees, or through contracts between the Owner and third parties. Owner may also arrange to have third-party utility owners perform work on their utilities and facilities at or adjacent to the Site.
- B. If Owner performs other work at or adjacent to the Site with Owner's employees, or through contracts for such other work, then Owner shall give Contractor written notice thereof prior to starting any such other work. If Owner has advance information regarding the start of any utility work at or adjacent to the Site, Owner shall provide such information to Contractor.
- C. Contractor shall afford each other contractor that performs such other work, each utility owner performing other work, and Owner, if Owner is performing other work with Owner's employees, proper and safe access to the Site, and provide a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such other work. Contractor shall do all cutting, fitting, and patching of the Work that may be required to properly connect or otherwise make its several parts come together and properly integrate with such other work. Contractor shall not endanger any work of others by cutting, excavating, or otherwise altering such work; provided, however, that Contractor may cut or alter others' work with the written consent of Engineer and the others whose work will be affected.
- D. If the proper execution or results of any part of Contractor's Work depends upon work performed by others under this Article 8, Contractor shall inspect such other work and promptly report to Engineer in writing any delays, defects, or deficiencies in such other

work that render it unavailable or unsuitable for the proper execution and results of Contractor's Work. Contractor's failure to so report will constitute an acceptance of such other work as fit and proper for integration with Contractor's Work except for latent defects and deficiencies in such other work.

#### 8.02 *Coordination*

- A. If Owner intends to contract with others for the performance of other work at or adjacent to the Site, to perform other work at or adjacent to the Site with Owner's employees, or to arrange to have utility owners perform work at or adjacent to the Site, the following will be set forth in the Supplementary Conditions or provided to Contractor prior to the start of any such other work:
  - 1. the identity of the individual or entity that will have authority and responsibility for coordination of the activities among the various contractors;
  - 2. an itemization of the specific matters to be covered by such authority and responsibility; and
  - 3. the extent of such authority and responsibilities.
- B. Unless otherwise provided in the Supplementary Conditions, Owner shall have sole authority and responsibility for such coordination.

#### 8.03 *Legal Relationships*

- A. If, in the course of performing other work at or adjacent to the Site for Owner, the Owner's employees, any other contractor working for Owner, or any utility owner causes damage to the Work or to the property of Contractor or its Subcontractors, or delays, disrupts, interferes with, or increases the scope or cost of the performance of the Work, through actions or inaction, then Contractor shall be entitled to an equitable adjustment in the Contract Price or the Contract Times, or both. Contractor must submit any Change Proposal seeking an equitable adjustment in the Contract Price or the Contract Times under this paragraph within 30 days of the damaging, delaying, disrupting, or interfering event. The entitlement to, and extent of, any such equitable adjustment shall take into account information (if any) regarding such other work that was provided to Contractor in the Contract Documents prior to the submittal of the Bid or the final negotiation of the terms of the Contract. When applicable, any such equitable adjustment in Contract Price shall be conditioned on Contractor assigning to Owner all Contractor's rights against such other contractor or utility owner with respect to the damage, delay, disruption, or interference that is the subject of the adjustment. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times.
- B. Contractor shall take reasonable and customary measures to avoid damaging, delaying, disrupting, or interfering with the work of Owner, any other contractor, or any utility owner performing other work at or adjacent to the Site. If Contractor fails to take such measures and as a result damages, delays, disrupts, or interferes with the work of any such other contractor or utility owner, then Owner may impose a set-off against payments due to Contractor, and assign to such other contractor or utility owner the Owner's contractual rights against Contractor with respect to the breach of the obligations set forth in this paragraph.
- C. When Owner is performing other work at or adjacent to the Site with Owner's employees, Contractor shall be liable to Owner for damage to such other work, and for the reasonable direct delay, disruption, and interference costs incurred by Owner

as a result of Contractor's failure to take reasonable and customary measures with respect to Owner's other work. In response to such damage, delay, disruption, or interference, Owner may impose a set-off against payments due to Contractor.

- D. If Contractor damages, delays, disrupts, or interferes with the work of any other contractor, or any utility owner performing other work at or adjacent to the Site, through Contractor's failure to take reasonable and customary measures to avoid such impacts, or if any claim arising out of Contractor's actions, inactions, or negligence in performance of the Work at or adjacent to the Site is made by any such other contractor or utility owner against Contractor, Owner, or Engineer, then Contractor shall (1) promptly attempt to settle the claim as to all parties through negotiations with such other contractor or utility owner, or otherwise resolve the claim by arbitration or other dispute resolution proceeding or at law, and (2) indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against any such claims, and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such damage, delay, disruption, or interference.

## **ARTICLE 9 – OWNER'S RESPONSIBILITIES**

### 9.01 *Communications to Contractor*

- A. Except as otherwise provided in these General Conditions, Owner shall issue all communications to Contractor through Engineer.

### 9.02 *Replacement of Engineer*

- A. Owner may at its discretion appoint an engineer to replace Engineer. The replacement engineer's status under the Contract Documents shall be that of the former Engineer.

### 9.03 *Furnish Data*

- A. Owner shall promptly furnish the data required of Owner under the Contract Documents.

### 9.04 *Pay When Due*

- A. Owner shall make payments to Contractor when they are due as provided in the Agreement.

### 9.05 *Lands and Easements; Reports, Tests, and Drawings*

- A. Owner's duties with respect to providing lands and easements are set forth in Paragraph 5.01.
- B. Owner's duties with respect to providing engineering surveys to establish reference points are set forth in Paragraph 4.03.
- C. Article 5 refers to Owner's identifying and making available to Contractor copies of reports of explorations and tests of conditions at the Site, and drawings of physical conditions relating to existing surface or subsurface structures at the Site.

### 9.06 *Insurance*

- A. Owner's responsibilities, if any, with respect to purchasing and maintaining liability and property insurance are set forth in Article 6.



9.07 *Change Orders*

- A. Owner's responsibilities with respect to Change Orders are set forth in Article 11.

9.08 *Inspections, Tests, and Approvals*

- A. Owner's responsibility with respect to certain inspections, tests, and approvals is set forth in Paragraph 14.02.B.

9.09 *Limitations on Owner's Responsibilities*

- A. The Owner shall not supervise, direct, or have control or authority over, nor be responsible for, Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Owner will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents. Contractor agrees that, without assuming any liability, Owner may bring to the Contractor's attention any hazardous or unsafe practice that the Owner may notice and Contractor shall immediately rectify the unsafe condition at its own expense.

9.10 *Undisclosed Hazardous Environmental Condition*

- A. Owner's responsibility in respect to an undisclosed Hazardous Environmental Condition is set forth in Paragraph 5.06.

9.11 *Evidence of Financial Arrangements*

- A. The Owner shall provide the Contractor with a certificate from its fiscal officer as to the availability of funds.

9.12 *Safety Programs*

- A. While at the Site, Owner's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Owner has been informed.
- B. Owner shall furnish copies of any applicable Owner safety programs to Contractor.

## **ARTICLE 10 – ENGINEER'S STATUS DURING CONSTRUCTION**

10.01 *Owner's Representative*

- A. Engineer will be Owner's representative during the construction period. The duties and responsibilities and the limitations of authority of Engineer as Owner's representative during construction are set forth in the Contract.

10.02 *Visits to Site*

- A. Engineer will make visits to the Site at intervals appropriate to the various stages of construction as Engineer deems necessary in order to observe as an experienced and qualified design professional the progress that has been made and the quality of the various aspects of Contractor's executed Work. Based on information obtained during such visits and observations, Engineer, for the benefit of Owner, will determine, in general, if the Work is proceeding in accordance with the Contract Documents. Engineer will not be required to make exhaustive or continuous inspections on the Site to check the quality or quantity of the Work. Engineer's efforts will be directed toward providing for Owner a greater degree of confidence that the completed Work will conform generally to the Contract Documents. On the basis of such visits and

observations, Engineer will keep Owner informed of the progress of the Work and will endeavor to guard Owner against defective Work.

- B. Engineer's visits and observations are subject to all the limitations on Engineer's authority and responsibility set forth in Paragraph 10.08. Particularly, but without limitation, during or as a result of Engineer's visits or observations of Contractor's Work, Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work.

#### 10.03 *Project Representative*

- A. If Owner and Engineer have agreed that Engineer will furnish a Resident Project Representative to represent Engineer at the Site and assist Engineer in observing the progress and quality of the Work, then the authority and responsibilities of any such Resident Project Representative will be as provided in the Contract Documents, and limitations on the responsibilities thereof will be as provided in Paragraph 10.08. If Owner designates a representative or agent to represent Owner at the Site who is not Engineer's consultant, agent, or employee, the responsibilities and authority and limitations thereon of such other individual will be subject to the Contract Documents, specifically including the requirement in the Agreement that any Change Order or other Modification be authorized by the Owner.

#### 10.04 *Rejecting Defective Work*

- A. Engineer has the authority to reject Work in accordance with Article 14.

#### 10.05 *Shop Drawings, Change Orders and Payments*

- A. Engineer's authority, and limitations thereof, as to Shop Drawings and Samples, are set forth in Paragraph 7.16.
- B. Engineer's authority, and limitations thereof, as to design calculations and design drawings submitted in response to a delegation of professional design services, if any, are set forth in Paragraph 7.19.
- C. Engineer's authority as to Change Orders is set forth in Article 11.
- D. Engineer's authority as to Applications for Payment is set forth in Article 15.

#### 10.06 *Determinations for Unit Price Work*

- A. Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor as set forth in Paragraph 13.03.
- B. Unit Price Work for which a typical cross section or other detail from the Contract Documents applies shall be paid only up to the quantity determined by using the dimensions provided in the typical cross section or other detail. By way of example, this provision means that if a typical trench width detail in the Drawings shows a maximum width of 30-inches, all pay quantities associated with the actual work of constructing the detail shall be calculated using a trench width not greater than 30-inches. This means that the actual pay quantity could also be less than that based upon a 30-inch wide trench, if the actual trench width is smaller and otherwise in conformance with the Contract Documents, but the Contractor would not be paid more if the actual trench width exceeds 30 inches. Contractor is responsible for determining

what actual trench width may be required due to field conditions and applicable laws and regulations existing at the time of its bid.

**10.07** *Decisions on Requirements of Contract Documents and Acceptability of Work*

- A. Engineer will render decisions regarding the requirements of the Contract Documents, and judge the acceptability of the Work, pursuant to the specific procedures set forth herein for initial interpretations, Change Proposals, and acceptance of the Work. In rendering such decisions and judgments, Engineer will not show partiality to Owner or Contractor, and will not be liable to Owner, Contractor, or others in connection with any proceedings, interpretations, decisions, or judgments conducted or rendered in good faith.

**10.08** *Limitations on Engineer's Authority and Responsibilities*

- A. Neither Engineer's authority or responsibility under this Article 10 or under any other provision of the Contract, nor any decision made by Engineer in good faith either to exercise or not exercise such authority or responsibility or the undertaking, exercise, or performance of any authority or responsibility by Engineer, shall create, impose, or give rise to any duty in contract, tort, or otherwise owed by Engineer to Contractor, any Subcontractor, any Supplier, any other individual or entity, or to any surety for or employee or agent of any of them.
- B. Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Engineer will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.
- C. Engineer will not be responsible for the acts or omissions of Contractor or of any Subcontractor, any Supplier, or of any other individual or entity performing any of the Work.
- D. Engineer's review of the final Application for Payment and accompanying documentation and all maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, tests and approvals, and other documentation required to be delivered by Paragraph 15.06.A will only be to determine generally that their content complies with the requirements of, and in the case of certificates of inspections, tests, and approvals, that the results certified indicate compliance with the Contract Documents.
- E. The limitations upon authority and responsibility set forth in this Paragraph 10.08 shall also apply to the Resident Project Representative, if any.

**10.09** *Compliance with Safety Program*

- A. While at the Site, Engineer's employees and representatives will comply with the specific applicable requirements of Owner's and Contractor's safety programs (if any) of which Engineer has been informed.

**ARTICLE 11 – AMENDING THE CONTRACT DOCUMENTS; CHANGES IN THE WORK**

**11.01** *Amending and Supplementing Contract Documents*

- A. The Contract Documents may be amended or supplemented by a Change Order, a Work Change Directive, or a Field Order.

1. *Change Orders:*
  - a. If an amendment or supplement to the Contract Documents includes a change in the Contract Price or the Contract Times, such amendment or supplement must be set forth in a Change Order. A Change Order also may be used to establish amendments and supplements of the Contract Documents that do not affect the Contract Price or Contract Times.
  - b. Owner and Contractor may amend those terms and conditions of the Contract Documents that do not involve (1) the performance or acceptability of the Work, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other engineering or technical matters, without the recommendation of the Engineer. Such an amendment shall be set forth in a Change Order.
  - c. Agreement on any Change Order shall constitute a final settlement of all matters relating to the change in the Work that is the subject of the Change Order, including, without limitation, all direct and indirect costs associated with such change and any and all adjustments to the Contract Price and Contract Times, unless the Contractor submits a Change Proposal and Claim in accordance with the Contract Documents.
2. *Work Change Directives:* A Work Change Directive will not change the Contract Price or the Contract Times but is evidence that the parties expect that the modification ordered or documented by a Work Change Directive will be incorporated in a subsequently issued Change Order, following negotiations by the parties as to the Work Change Directive's effect, if any, on the Contract Price and Contract Times; or, if negotiations are unsuccessful, by a determination under the terms of the Contract Documents governing adjustments, expressly including Paragraph 11.04 regarding change of Contract Price. Contractor must submit any Change Proposal seeking an adjustment of the Contract Price or the Contract Times, or both, no later than 30 days after the completion of the Work set out in the Work Change Directive.
3. *Field Orders:* Engineer may authorize minor changes in the Work if the changes do not involve an adjustment in the Contract Price or the Contract Times and are compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. Such changes will be accomplished by a Field Order and will be binding on Owner and also on Contractor, which shall perform the Work involved promptly. If Contractor believes that a Field Order justifies an adjustment in the Contract Price or Contract Times, or both, then before proceeding with the Work at issue, Contractor shall submit a Change Proposal as provided herein.

#### 11.02 *Owner-Authorized Changes in the Work*

- A. Without invalidating the Contract and without notice to any surety, Owner may, at any time or from time to time, order additions, deletions, or revisions in the Work. Such changes shall be supported by Engineer's recommendation, to the extent the change involves the design (as set forth in the Drawings, Specifications, or otherwise), or other engineering or technical matters. Such changes may be accomplished by a Change Order, if Owner and Contractor have agreed as to the effect, if any, of the changes on Contract Times or Contract Price; or by a Work Change Directive. Upon receipt of any such document, Contractor shall promptly proceed with the Work involved; or, in the case of a deletion in the Work, promptly cease construction

activities with respect to such deleted Work. Added or revised Work shall be performed under the applicable conditions of the Contract Documents. Nothing in this paragraph shall obligate Contractor to undertake work that Contractor reasonably concludes cannot be performed in a manner consistent with Contractor's safety obligations under the Contract Documents or Laws and Regulations.

- B. Should the Contractor conclude that an unsafe condition exists, Contractor shall, upon recognizing the condition, immediately stop Work in the affected area and report the condition to the Owner, and Engineer in writing. Upon receipt of the Contractor's written notice, the Owner shall obtain the services of a third-party to verify the presence or absence of the unsafe condition reported by the Contractor and, in the event such condition is found to be present, to cause it to be rendered harmless. If such third-party determines that a hazardous condition exists, the costs of such third-party along with the costs of rendering the condition harmless shall be at the Owner's expense. If such third-party determines that a hazardous or unsafe condition does not exist, the costs of the third-party shall be at the Contractor's expense, provided such unsafe condition was not caused by the Contractor or any of its consultants, subcontractors or suppliers, of any tier. Work in the affected area shall be resumed immediately following the occurrence of any one of the following events: (i) the Owner causes remedial work to be performed that results in the hazardous condition being rendered harmless; or (ii) the Owner and the Contractor, by written agreement, decide to resume performance of the Work; or (iii) the Work may safely and lawfully proceed using appropriate protective measures, as determined by a competent person employed by the Owner.

#### 11.03 *Unauthorized Changes in the Work*

- A. Contractor shall not be entitled to an increase in the Contract Price or an extension of the Contract Times with respect to any work performed that is not required by the Contract Documents, as amended, modified, or supplemented, except in the case of an emergency as provided in Paragraph 7.15 or in the case of uncovering Work as provided in Paragraph 14.05.
- B. Contractor shall not proceed with any change in the Work without the appropriate written authorization. The Contractor's failure to obtain prior written authorization for a change in the Work shall constitute a waiver by the Contractor of an adjustment to the Contract Price or Contract Time for the related Work.

#### 11.04 *Change of Contract Price*

- A. The Contract Price may only be changed by a Change Order. Any Change Proposal for an adjustment in the Contract Price shall comply with the provisions of Paragraph 11.06. Any Claim for an adjustment of Contract Price shall comply with the provisions of Article 12.
- B. An adjustment in the Contract Price will be determined as follows:
  - 1. where the Work involved is covered by unit prices contained in the Contract Documents, then by application of such unit prices to the quantities of the items involved (subject to the provisions of Paragraph 13.03); or
  - 2. where the Work involved is not covered by unit prices contained in the Contract Documents, then by a mutually agreed lump sum (which may include an allowance for overhead and profit not necessarily in accordance with Paragraph 11.04.C.2); or

3. where the Work involved is not covered by unit prices contained in the Contract Documents and the parties do not reach mutual agreement to a lump sum, then on the basis of the Cost of the Work (determined as provided in Paragraph 13.01) plus a Contractor's fee for overhead and profit (determined as provided in Paragraph 11.04.C).
- C. *Contractor's Fee*: When applicable, the Contractor's fee for overhead and profit shall be determined as follows:
1. a mutually acceptable fixed fee; or
  2. if a fixed fee is not agreed upon, then a fee based on the following percentages of the various portions of the Cost of the Work:
    - a. for costs incurred under Paragraphs 13.01.B.1 and 13.01.B.2, the Contractor's fee shall be 15 percent;
    - b. for costs incurred under Paragraph 13.01.B.3, the Contractor's fee shall be five percent;
    - c. where one or more tiers of subcontracts are on the basis of Cost of the Work plus a fee and no fixed fee is agreed upon, the intent of Paragraphs 11.01.C.2.a and 11.01.C.2.b is that the Contractor's fee shall be based on: (1) a fee of 15 percent of the costs incurred under Paragraphs 13.01.A.1 and 13.01.A.2 by the Subcontractor that actually performs the Work, at whatever tier, and (2) with respect to Contractor itself and to any Subcontractors of a tier higher than that of the Subcontractor that actually performs the Work, a fee of five percent of the amount (fee plus underlying costs incurred) attributable to the next lower tier Subcontractor; provided, however, that for any such subcontracted work the maximum total fee to be paid by Owner shall be no greater than 27 percent of the costs incurred by the Subcontractor that actually performs the work;
    - d. no fee shall be payable on the basis of costs itemized under Paragraphs 13.01.B.4, 13.01.B.5, and 13.01.C;
    - e. the amount of credit to be allowed by Contractor to Owner for any change which results in a net decrease in cost will be the amount of the actual net decrease in cost plus a deduction in Contractor's fee by an amount equal to five percent of such net decrease; and
    - f. when both additions and credits are involved in any one change, the adjustment in Contractor's fee shall be computed on the basis of the net change in accordance with Paragraphs 11.04.C.2.a through 11.04.C.2.e, inclusive.

#### 11.05 *Change of Contract Times*

- A. The Contract Times may only be changed by a Change Order. Any Change Proposal for an adjustment in the Contract Times shall comply with the provisions of Paragraph 11.06. Any Claim for an adjustment in the Contract Times shall comply with the provisions of Article 12.
- B. An adjustment of the Contract Times shall be subject to the limitations set forth in Paragraph 4.05, concerning delays in Contractor's progress.

## 11.06 *Change Proposals*

- A. Contractor shall submit a Change Proposal to Engineer to request an adjustment in the Contract Times or Contract Price; appeal an initial decision by Engineer concerning the requirements of the Contract Documents or relating to the acceptability of the Work under the Contract Documents; contest a set-off against payment due; or seek other relief under the Contract. The Change Proposal shall specify any proposed change in Contract Times or Contract Price, or both, or other proposed relief, and explain the reason for the proposed change, with citations to any governing or applicable provisions of the Contract Documents.
1. *Procedures:* Contractor shall submit each Change Proposal to Engineer promptly (but in no event later than 10 days) after the start of the event giving rise thereto, or after such initial decision. The Contractor's obligation to deliver a fully completed Change Proposal within such 10-day period is a material term of the Contract Documents and provides the Owner with the opportunity to mitigate its damages. Failure to provide a written Change Proposal within the time period specified herein shall constitute a waiver by the Contractor of its rights to an adjustment to the Contract Time or Contract Price for the Work that is the subject matter of the Change Proposal. The Contractor shall submit supporting data, including the proposed change in Contract Price or Contract Time (if any), to the Engineer and Owner within 10 days after the submittal of the Change Proposal. The supporting data shall be accompanied by a written statement that the supporting data are accurate and complete, and that any requested time or price adjustment is the entire adjustment to which Contractor believes it is entitled as a result of said event. Engineer will advise Owner regarding the Change Proposal, and consider any comments or response from Owner regarding the Change Proposal.
  2. *Engineer's Action:* Engineer will review each Change Proposal and, within 30 days after receipt of the Contractor's supporting data, either deny the Change Proposal in whole, approve it in whole, or deny it in part and approve it in part. Such actions shall be in writing, with a copy provided to Owner and Contractor. If Engineer does not take action on the Change Proposal within 30 days, then the Change Proposal is deemed denied, thereby commencing the time for appeal of the denial under Article 12.
  3. *Binding Decision:* Engineer's decision will be final and binding upon Owner and Contractor, unless Owner or Contractor appeals the decision by filing a Claim under Article 12.
- B. *Resolution of Certain Change Proposals:* If the Change Proposal does not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters, then Engineer will notify the parties that the Engineer is unable to resolve the Change Proposal. For purposes of further resolution of such a Change Proposal, such notice shall be deemed a denial, and Contractor may choose to seek resolution under the terms of Article 12.

## 11.07 *Execution of Change Orders*

- A. Owner and Contractor shall execute appropriate Change Orders covering:
1. changes in the Contract Price or Contract Times which are agreed to by the parties, including any undisputed sum or amount of time for Work actually performed in accordance with a Work Change Directive;

2. changes in Contract Price resulting from an Owner set-off, unless Contractor has duly contested such set-off;
  3. changes in the Work which are: (a) ordered by Owner pursuant to Paragraph 11.02, (b) required because of Owner's acceptance of defective Work under Paragraph 14.04 or Owner's correction of defective Work under Paragraph 14.07, or (c) agreed to by the parties, subject to the need for Engineer's recommendation if the change in the Work involves the design (as set forth in the Drawings, Specifications, or otherwise), or other engineering or technical matters; and
  4. changes in the Contract Price or Contract Times, or other changes, which embody the substance of any final and binding results under Paragraph 11.06, or Article 12.
- B. If Owner or Contractor refuses to execute a Change Order that is required to be executed under the terms of this Paragraph 11.07, it shall be deemed to be of full force and effect, as if fully executed.

#### 11.08 *Notification to Surety*

- A. If the provisions of any bond require notice to be given to a surety of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Price or Contract Times), the giving of any such notice will be Contractor's responsibility. The amount of each applicable bond will be adjusted to reflect the effect of any such change and the surety shall be obligated, with respect to any change, regardless of any failure to provide notice to the surety of any such change.

## **ARTICLE 12 – CLAIMS**

#### 12.01 *Claims*

- A. *Claims Process:* The following disputes between Owner and Contractor shall be submitted to the Claims process set forth in this Article:
1. Appeals by Owner or Contractor of Engineer's decisions regarding Change Proposals;
  2. Owner demands for adjustments in the Contract Price or Contract Times, or other relief under the Contract Documents; and
  3. Disputes that Engineer has been unable to address because they do not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters.
- B. *Submittal of Claim:* The Contractor shall deliver its claim directly to the Owner promptly (but in no event later than 10 days) after the start of the event giving rise thereto; in the case of appeals regarding Change Proposals within 10 days of the decision under appeal. The Contractor shall also furnish a copy to the Engineer, for its information only. The responsibility to substantiate a Claim shall rest with the party making the Claim. For each Claim the Contractor shall deliver a fully completed Statement of Claim Form, a copy of which form is a Contract Document, to the Engineer and the Owner. The Contractor's obligation to deliver a fully completed Statement of Claim within such 10-day period is a material term of the Contract Documents and provides the Owner with the opportunity to mitigate its damages.



Failure to provide written notice of a Claim as specified herein shall constitute a waiver by the Contractor of any Claim for adjustment to the Contract Time or Contract Price.

1. *False or Fraudulent Claim.* The Contractor shall not knowingly present or cause to be presented to the Owner a false or fraudulent Claim. Knowingly shall have the same meaning as in Section 3729(b) USC of the Federal False Claims Act. If the Contractor knowingly presents or causes to be presented a false or fraudulent Claim, then the Contractor shall be liable to the Owner for the same civil penalty and damages as the United States Government would be entitled to recover under such Section 3729(a) USC and shall also indemnify and hold the Owner harmless from all costs and expenses, including Owner's attorneys' and consultants' fees and expenses incurred in investigating and defending against such Claim and in pursuing the collection of such penalty, damages and fees and expenses.
2. *Claim Documentation:* Within ten (10) days of written request from the Owner, Contractor shall make available to Owner or its representative any books, records, or other documents in its possession or to which it has access, including but not limited to Contractor's daily logs/reports, original estimates of Work and applicable agreements, correspondence with subcontractors and suppliers, internal correspondence (including e-mail), accounting records, and other information from which the Contractor's costs may be derived. To the extent permitted by law, the Owner shall keep the Project accounting records and estimate for the Project confidential. As requested by the Owner, the Contractor shall provide such documents and information in paper copies and/or computer format (including the format of the Contractor's accounting software and/or ASCII format). The Contractor's provision of the requested documents and information shall be a condition precedent to any further proceeding under the Contract Documents or to payment of an Application for Payment

Failure to provide the requested documents shall be a material breach of the Contract, and Contractor shall indemnify Owner for all of Owner's costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to Contractor's failure to comply with this provision. If the Contractor fails to provide the requested documents, the Contractor shall be precluded from presenting such documents in any subsequent dispute resolution proceedings, if the data was reasonably available at the time of the request.

- C. *Review and Resolution:* The party receiving a Claim shall review it thoroughly, giving full consideration to its merits. The two parties shall seek to resolve the Claim through the exchange of information and direct negotiations. The parties may extend the time for resolving the Claim by mutual agreement. All actions taken on a Claim shall be stated in writing and submitted to the other party, with a copy to Engineer.
- D. *Mediation:*
  1. Any claim not resolved through direct negotiation of the parties, within 30 days of the date of the claim, shall be subject to mediation.
  2. Owner and Contractor shall each pay one-half of the mediator's fees and costs.
- E. Any Claim not resolved through mediation shall be subject to the procedure set forth in Article 17 for the final resolution of disputes.

- F. *Final and Binding Results*: If the parties reach a mutual agreement regarding a Claim, whether through approval of the Claim, direct negotiations, mediation, or otherwise; or if a Claim is approved in part and denied in part, or denied in full, and such actions become final and binding; then the results of the agreement or action on the Claim shall be incorporated in a Change Order to the extent they affect the Contract, including the Work, the Contract Times, or the Contract Price.
- G. In the event that Contractor files a Claim or files an action against Owner, Owner shall be entitled to make an offer of settlement of the Claim to Contractor at any time up to the date of trial. Such offer of settlement shall not be admissible into evidence at the litigation except on the issue of entitlement to recovery of attorneys' fees, costs, and expenses. If at any stage of the litigation, including any appeals, Contractor's claim is dismissed or found to be without merit, or if the damages awarded to Contractor on its claim do not exceed Owner's offer of settlement, Contractor shall be liable to Owner and shall reimburse Owner for all attorneys fees, costs and expenses incurred by Owner from the date of the offer of settlement until the date of the final adjudication and resolution of Contractor's claim.

## **ARTICLE 13 – COST OF THE WORK; ALLOWANCES; UNIT PRICE WORK**

### 13.01 *Cost of the Work*

- A. *Purposes for Determination of Cost of the Work*: The term Cost of the Work means the sum of all costs necessary for the proper performance of the Work at issue, as further defined below. The provisions of this Paragraph 13.01 are used for two distinct purposes:
  - 1. To determine Cost of the Work when Cost of the Work is a component of the Contract Price, under cost-plus-fee, time-and-materials, or other cost-based terms; or
  - 2. To determine the value of a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price. When the value of any such adjustment is determined on the basis of Cost of the Work, Contractor is entitled only to those additional or incremental costs required because of the change in the Work or because of the event giving rise to the adjustment.
- B. *Costs Included*: Except as otherwise may be agreed to in writing by Owner, costs included in the Cost of the Work shall be in amounts no higher than those prevailing in the locality of the Project, shall not include any of the costs itemized in Paragraph 13.01.C, and shall include only the following items:
  - 1. Payroll costs for employees in the direct employ of Contractor in the performance of the Work under schedules of job classifications agreed upon by Owner and Contractor. Such employees shall include, without limitation, superintendents, foremen, and other personnel employed full time on the Work. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include, but not be limited to, salaries and wages plus the cost of fringe benefits, which shall include social security contributions, unemployment, excise, and payroll taxes, workers' compensation, health and retirement benefits, bonuses, sick leave, and vacation and holiday pay applicable thereto. The expenses of performing Work outside of regular working hours, on Saturday, Sunday, or legal holidays, shall be included in the above to the extent authorized by Owner.

2. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and Suppliers' field services required in connection therewith. All cash discounts shall accrue to Contractor unless Owner deposits funds with Contractor with which to make payments, in which case the cash discounts shall accrue to Owner. All trade discounts, rebates, and refunds and returns from sale of surplus materials and equipment shall accrue to Owner, and Contractor shall make provisions so that they may be obtained.
3. Payments made by Contractor to Subcontractors for Work performed by Subcontractors. If required by Owner, Contractor shall obtain competitive bids from subcontractors acceptable to Owner and Contractor and shall deliver such bids to Owner, who will then determine, with the advice of Engineer, which bids, if any, will be acceptable. If any subcontract provides that the Subcontractor is to be paid on the basis of Cost of the Work plus a fee, the Subcontractor's Cost of the Work and fee shall be determined in the same manner as Contractor's Cost of the Work and fee as provided in this Paragraph 13.01.
4. Costs of special consultants (including but not limited to engineers, architects, testing laboratories, surveyors, attorneys, and accountants) employed for services specifically related to the Work.
5. Supplemental costs including the following:
  - a. The proportion of necessary transportation, travel, and subsistence expenses of Contractor's employees incurred in discharge of duties connected with the Work.
  - b. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office, and temporary facilities at the Site, and hand tools not owned by the workers, which are consumed in the performance of the Work, and cost, less market value, of such items used but not consumed which remain the property of Contractor.
  - c. Rentals of all construction equipment and machinery, and the parts thereof, whether rented from Contractor or others in accordance with rental agreements approved by Owner with the advice of Engineer, and the costs of transportation, loading, unloading, assembly, dismantling, and removal thereof. All such costs shall be in accordance with the terms of said rental agreements. The rental of any such equipment, machinery, or parts shall cease when the use thereof is no longer necessary for the Work.
  - d. Sales, consumer, use, and other similar taxes related to the Work, and for which Contractor is liable, as imposed by Laws and Regulations.
  - e. Deposits lost for causes other than negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, and royalty payments and fees for permits and licenses.
  - f. Losses and damages (and related expenses) caused by damage to the Work, not compensated by insurance or otherwise, sustained by Contractor in connection with the performance of the Work (except losses and damages within the deductible amounts of property insurance established in accordance with Paragraph 6.05), provided such losses and damages have resulted from causes other than the negligence of Contractor, any

Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses shall include settlements made with the written consent and approval of Owner. No such losses, damages, and expenses shall be included in the Cost of the Work for the purpose of determining Contractor's fee.

- g. The cost of utilities, fuel, and sanitary facilities at the Site.
  - h. Minor expenses such as communication service at the Site, express and courier services, and similar petty cash items in connection with the Work.
  - i. The costs of premiums for all bonds and insurance that Contractor is required by the Contract Documents to purchase and maintain.
- C. *Costs Excluded:* The term Cost of the Work shall not include any of the following items:
- 1. Payroll costs and other compensation of Contractor's officers, executives, principals (of partnerships and sole proprietorships), general managers, safety managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks, and other personnel employed by Contractor, whether at the Site or in Contractor's principal or branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications referred to in Paragraph 13.01.B.1 or specifically covered by Paragraph 13.01.B.4. The payroll costs and other compensation excluded here are to be considered administrative costs covered by the Contractor's fee.
  - 2. Expenses of Contractor's principal and branch offices other than Contractor's office at the Site.
  - 3. Any part of Contractor's capital expenses, including interest on Contractor's capital employed for the Work and charges against Contractor for delinquent payments.
  - 4. Costs due to the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective Work, disposal of materials or equipment wrongly supplied, and making good any damage to property.
  - 5. Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in Paragraph 13.01.B.
- D. *Contractor's Fee:* When the Work as a whole is performed on the basis of cost-plus, Contractor's fee shall be determined as set forth in the Agreement. When the value of any Work covered by a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price is determined on the basis of Cost of the Work, Contractor's fee shall be determined as set forth in Paragraph 11.04.C.
- E. *Documentation:* Whenever the Cost of the Work for any purpose is to be determined pursuant to this Article 13, Contractor will establish and maintain records thereof in accordance with generally accepted accounting practices and submit in a form acceptable to Engineer an itemized cost breakdown together with supporting data.

### 13.02 Allowances

- A. It is understood that Contractor has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be performed for such sums and by such persons or entities as may be acceptable to Owner and Engineer.
- B. *Cash Allowances*: Contractor agrees that:
  - 1. the cash allowances include the cost to Contractor (less any applicable trade discounts) of materials and equipment required by the allowances to be delivered at the Site, and all applicable taxes; and
  - 2. Contractor's costs for unloading and handling on the Site, labor, installation, overhead, profit, and other expenses contemplated for the cash allowances have been included in the Contract Price and not in the allowances, and no demand for additional payment on account of any of the foregoing will be valid.
- C. *Contingency Allowance*: Contractor agrees that a contingency allowance, if any, is for the sole use of Owner to cover unanticipated costs.
- D. Prior to final payment, an appropriate Change Order will be issued as recommended by Engineer to reflect actual amounts due Contractor on account of Work covered by allowances, and the Contract Price shall be correspondingly adjusted.

### 13.03 Unit Price Work

- A. Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the unit price for each separately identified item of Unit Price Work times the estimated quantity of each item as indicated in the Agreement. Contractor shall not be paid for any Unit Price Work that represents an actual quantity greater than 10% of the estimated quantity, without a Change Order. The Contractor shall maintain such records as the Engineer may require to track the quantities of Unit Price Work.
- B. The estimated quantities of items of Unit Price Work are not guaranteed and are solely for the purpose of comparison of Bids and determining an initial Contract Price. Payments to Contractor for Unit Price Work will be based on actual quantities.
- C. Each unit price will be deemed to include an amount considered by Contractor to be adequate to cover Contractor's overhead and profit for each separately identified item.
- D. Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor. Engineer will review with Contractor the Engineer's preliminary determinations on such matters before rendering a written decision thereon (by recommendation of an Application for Payment or otherwise). Engineer's written decision thereon will be final and binding (except as modified by Engineer to reflect changed factual conditions or more accurate data) upon Owner and Contractor, subject to the provisions of the following paragraph.
- E. Within 30 days of Engineer's written decision under the preceding paragraph, Contractor may submit a Change Proposal, or Owner may file a Claim, seeking an adjustment in the Contract Price if:

1. the quantity of any item of Unit Price Work performed by Contractor differs materially and significantly from the estimated quantity of such item indicated in the Agreement;
2. there is no corresponding adjustment with respect to any other item of Work; and
3. Contractor believes that it is entitled to an increase in Contract Price as a result of having incurred additional expense or Owner believes that Owner is entitled to a decrease in Contract Price, and the parties are unable to agree as to the amount of any such increase or decrease.

## **ARTICLE 14 – TESTS AND INSPECTIONS; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK**

### *14.01 Access to Work*

- A. Owner, Engineer, their consultants and other representatives and personnel of Owner, independent testing laboratories, and authorities having jurisdiction will have access to the Site and the Work at reasonable times for their observation, inspection, and testing. Contractor shall provide them proper and safe conditions for such access and advise them of Contractor's safety procedures and programs so that they may comply therewith as applicable.

### *14.02 Tests, Inspections, and Approvals*

- A. Contractor shall give Engineer timely notice of readiness of the Work (or specific parts thereof) for all required inspections and tests, and shall cooperate with inspection and testing personnel to facilitate required inspections and tests.
- B. If Laws or Regulations of any public body having jurisdiction require any Work (or part thereof) specifically to be inspected, tested, or approved by an employee or other representative of such public body, Contractor shall assume full responsibility for arranging and obtaining such inspections, tests, or approvals, pay all costs in connection therewith, and furnish Engineer the required certificates of inspection or approval.
- C. Contractor shall be responsible for arranging, obtaining, and paying for all inspections and tests required:
  1. by the Contract Documents, unless the Contract Documents expressly allocate responsibility for a specific inspection or test to Owner;
  2. to attain Owner's and Engineer's acceptance of materials or equipment to be incorporated in the Work;
  3. by manufacturers of equipment furnished under the Contract Documents;
  4. for testing, adjusting, and balancing of mechanical, electrical, and other equipment to be incorporated into the Work; and
  5. for acceptance of materials, mix designs, or equipment submitted for approval prior to Contractor's purchase thereof for incorporation in the Work.

Such inspections and tests shall be performed by independent inspectors, testing laboratories, or other qualified individuals or entities acceptable to Owner and Engineer.

- D. If the Contract Documents require the Work (or part thereof) to be approved by Owner, Engineer, or another designated individual or entity, then Contractor shall assume full responsibility for arranging and obtaining such approvals.
- E. If any Work (or the work of others) that is to be inspected, tested, or approved is covered by Contractor without written concurrence of Engineer, Contractor shall, if requested by Engineer, uncover such Work for observation. Such uncovering shall be at Contractor's expense unless Contractor had given Engineer timely notice of Contractor's intention to cover the same and Engineer had not acted with reasonable promptness in response to such notice.

#### 14.03 *Defective Work*

- A. *Contractor's Obligation:* It is Contractor's obligation to assure that the Work is not defective.
- B. *Engineer's Authority:* Engineer has the authority to determine whether Work is defective, and to reject defective Work.
- C. *Notice of Defects:* Prompt notice of all defective Work of which Owner or Engineer has actual knowledge will be given to Contractor.
- D. *Correction, or Removal and Replacement:* Promptly after receipt of written notice of defective Work, Contractor shall, at its own expense, correct all such defective Work, whether or not fabricated, installed, or completed, or, if Engineer has rejected the defective Work, remove it from the Project and replace it with Work that is not defective.
- E. *Preservation of Warranties:* When correcting defective Work, Contractor shall take no action that would void or otherwise impair Owner's special warranty and guarantee, if any, on said Work.
- F. *Costs and Damages:* In addition to its correction, removal, and replacement obligations with respect to defective Work, Contractor shall pay all claims, costs, losses, and damages arising out of or relating to defective Work, including but not limited to legal fees, the cost of the inspection, testing, correction, removal, replacement, or reconstruction of such defective Work, fines levied against Owner by governmental authorities because the Work is defective, and the costs of repair or replacement of work of others resulting from defective Work. Prior to final payment, if Owner and Contractor are unable to agree as to the measure of such claims, costs, losses, and damages resulting from defective Work, then Owner may impose a reasonable set-off against payments due under Article 15.

#### 14.04 *Acceptance of Defective Work*

- A. If, instead of requiring correction or removal and replacement of defective Work, Owner prefers to accept it, Owner may do so (subject, if such acceptance occurs prior to final payment, to Engineer's confirmation that such acceptance is in general accord with the design intent and applicable engineering principles, and will not endanger public safety). Contractor shall pay all claims, costs, losses, and damages attributable to Owner's evaluation of and determination to accept such defective Work (such costs to be approved by Engineer as to reasonableness), and for the diminished value of the Work to the extent not otherwise paid by Contractor. If any such acceptance occurs prior to final payment, the necessary revisions in the Contract Documents with respect to the Work shall be incorporated in a Change Order. If the parties are unable to agree as to the decrease in the Contract Price, reflecting the diminished value of Work so accepted, then Owner may impose a reasonable set-off against payments

due under Article 15. If the acceptance of defective Work occurs after final payment, Contractor shall pay an appropriate amount to Owner.

#### 14.05 *Uncovering Work*

- A. Engineer has the authority to require special inspection or testing of the Work, whether or not the Work is fabricated, installed, or completed.
- B. If any Work is covered contrary to the written request of Engineer, then Contractor shall, if requested by Engineer, uncover such Work for Engineer's observation, and then replace the covering, all at Contractor's expense.
- C. If Engineer considers it necessary or advisable that covered Work be observed by Engineer or inspected or tested by others, then Contractor, at Engineer's request, shall uncover, expose, or otherwise make available for observation, inspection, or testing as Engineer may require, that portion of the Work in question, and provide all necessary labor, material, and equipment.
  - 1. If it is found that the uncovered Work is defective, Contractor shall be responsible for all claims, costs, losses, and damages arising out of or relating to such uncovering, exposure, observation, inspection, and testing, and of satisfactory replacement or reconstruction (including but not limited to all costs of repair or replacement of work of others); and pending Contractor's full discharge of this responsibility the Owner shall be entitled to impose a reasonable set-off against payments due under Article 15. Contractor shall not be entitled to any contract extension or additional payment resulting from such defective work.
  - 2. If the uncovered Work is not found to be defective, Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Times, or both, directly attributable to such uncovering, exposure, observation, inspection, testing, replacement, and reconstruction. If the parties are unable to agree as to the amount or extent thereof, then Contractor may submit a Change Proposal within 30 days of the determination that the Work is not defective.

#### 14.06 *Owner May Stop the Work*

- A. If the Work is defective, or Contractor fails to supply sufficient skilled workers or suitable materials or equipment, or fails to perform the Work in such a way that the completed Work will conform to the Contract Documents, then Owner may order Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of Owner to stop the Work shall not give rise to any duty on the part of Owner to exercise this right for the benefit of Contractor, any Subcontractor, any Supplier, any other individual or entity, or any surety for, or employee or agent of any of them.

#### 14.07 *Owner May Correct Defective Work*

- A. If Contractor fails within two business days (or such longer time as may be stated in the Notice) of a written notice from the Owner or Engineer to correct, or take reasonable steps to commence to correct, defective Work, or to remove and replace, or take responsible steps to commence to remove and replace rejected Work as required by Engineer, or if Contractor fails to perform the Work in accordance with the Contract Documents, or if Contractor fails to comply with any other provision of the Contract Documents, then Owner may, after seven days written notice to Contractor, correct or remedy any such deficiency. In such case an appropriate Change Order shall be issued deducting from payments then or thereafter due the Contractor all the costs, losses, and damages (including but not limited to all fees and charges of



engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) incurred or sustained by Owner in exercising the rights and remedies under this Paragraph. If payments then or thereafter due the Contractor are not sufficient to cover such amounts, the Contractor shall pay the difference to the Owner. The Contractor irrevocably designates the Owner as the Contractor's attorney-in-fact to execute the Change Orders provided for in this Paragraph.

- B. In exercising the rights and remedies under this Paragraph 14.07, Owner shall proceed expeditiously. In connection with such corrective or remedial action, Owner may exclude Contractor from all or part of the Site, take possession of all or part of the Work and suspend Contractor's services related thereto, and incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere. Contractor shall allow Owner, Owner's representatives, agents and employees, Owner's other contractors, and Engineer and Engineer's consultants access to the Site to enable Owner to exercise the rights and remedies under this paragraph.
- C. All claims, costs, losses, and damages incurred or sustained by Owner in exercising the rights and remedies under this Paragraph 14.07 will be charged against Contractor as set-offs against payments due under Article 15. Such claims, costs, losses and damages will include but not be limited to all costs of repair, or replacement of work of others destroyed or damaged by correction, removal, or replacement of Contractor's defective Work.
- D. Contractor shall not be allowed an extension of the Contract Times because of any delay in the performance of the Work attributable to the exercise by Owner of Owner's rights and remedies under this Paragraph 14.07.

## **ARTICLE 15 – PAYMENTS TO CONTRACTOR; SET-OFFS; COMPLETION; CORRECTION PERIOD**

### *15.01 Progress Payments*

- A. *Basis for Progress Payments:* The Schedule of Values established as provided in Article 2 will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to Engineer. Progress payments on account of Unit Price Work will be based on the number of units completed during the pay period, as determined under the provisions of Paragraph 13.03. Progress payments for cost-based Work will be based on Cost of the Work completed by Contractor during the pay period. The Engineer-approved version of the Application for Payment form, which includes information on completed Schedule of Values items, is to be used by the Contractor when making an Application for Progress Payment.
- B. *Applications for Payments:*
  - 1. Not more often than once every 30 days, Contractor shall submit to Engineer for review an Application for Payment (including a Schedule of Values described in Paragraph 2.05.A of the Modified General Conditions) filled out and signed by Contractor covering the Work completed as of the date of the Application and accompanied by a properly completed Contractor's Payment Application Checklist, all the documentation required to be submitted with such Checklist, and any other supporting documentation required by the Contract Documents or by the Engineer. The Application for Payment will be in the form and submitted with the number of copies of it and all related documents as required by the

Contract Documents. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the Site or at another location agreed to in writing, the Application for Payment shall also be accompanied by a bill of sale, invoice, or other documentation warranting that Owner has received the materials and equipment free and clear of all Liens, and evidence that the materials and equipment are covered by appropriate property insurance, a warehouse bond, or other arrangements to protect Owner's interest therein, all of which must be satisfactory to Owner.

2. Beginning with the second Application for Payment, each Application shall include a) a Waiver and Release Agreement for itself and a Subcontractors – Suppliers Waiver and Release Agreement for each of its subcontractors, and b) a Contractor's Affidavit with List of Subcontractors and Suppliers with Amounts Withheld.
3. The amount of retainage with respect to payments will be as stipulated in the Agreement. The Owner and the Contractor agree that there shall be no escrow account required in connection with the Project; nor, shall retainage earn interest.

C. *Review of Applications:*

1. Engineer will, within 10 days after receipt of each Application for Payment, including each resubmittal, either indicate in writing a recommendation of payment and present the Application to Owner, or return the Application to Contractor indicating in writing Engineer's reasons for refusing to recommend payment. In the latter case, Contractor may make the necessary corrections and resubmit the Application.
2. Engineer's recommendation of any payment requested in an Application for Payment will constitute a representation by Engineer to Owner, based on Engineer's observations of the executed Work as an experienced and qualified design professional, and on Engineer's review of the Application for Payment and the accompanying data and schedules, that to the best of Engineer's knowledge, information and belief:
  - a. the Work has progressed to the point indicated;
  - b. the quality of the Work is generally in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, the results of any subsequent tests called for in the Contract Documents, a final determination of quantities and classifications for Unit Price Work under Paragraph 13.03, and any other qualifications stated in the recommendation); and
  - c. the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work.
3. By recommending any such payment Engineer will not thereby be deemed to have represented that:
  - a. inspections made to check the quality or the quantity of the Work as it has been performed have been exhaustive, extended to every aspect of the Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in the Contract; or

- b. there may not be other matters or issues between the parties that might entitle Contractor to be paid additionally by Owner or entitle Owner to withhold payment to Contractor.
  - 4. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment, including final payment, will impose responsibility on Engineer:
    - a. to supervise, direct, or control the Work, or
    - b. for the means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or
    - c. for Contractor's failure to comply with Laws and Regulations applicable to Contractor's performance of the Work, or
    - d. to make any examination to ascertain how or for what purposes Contractor has used the money paid on account of the Contract Price, or
    - e. to determine that title to any of the Work, materials, or equipment has passed to Owner free and clear of any Liens.
  - 5. Engineer may refuse to recommend the whole or any part of any payment if, in Engineer's opinion, it would be incorrect to make the representations to Owner stated in Paragraph 15.01.C.2.
  - 6. Engineer will recommend reductions in payment (set-offs) necessary in Engineer's opinion to protect Owner from loss because:
    - a. the Work is defective, requiring correction or replacement;
    - b. the Contract Price has been reduced by Change Orders;
    - c. Owner has been required to correct defective Work in accordance with Paragraph 14.07, or has accepted defective Work pursuant to Paragraph 14.04;
    - d. Owner has been required to remove or remediate a Hazardous Environmental Condition for which Contractor is responsible; or
    - e. Engineer has actual knowledge of the occurrence of any of the events that would constitute a default by Contractor and therefore justify termination for cause under the Contract Documents.
    - f. The Contractor is in default of any other Agreement it has with the Owner.
- D. *Payment Becomes Due:*
- 1. Ten days after presentation of the Application for Payment, the Payment Application Checklist, and all required documentation to Owner with Engineer's recommendation and the approval of any agencies and/or lenders, the amount recommended and approved will (subject to the provisions of Paragraph 14.02.D) become due, and when due will be paid by Owner to Contractor.

E. *Reductions in Payment by Owner:*

1. In addition to any reductions in payment (set-offs) recommended by Engineer, Owner is entitled to impose a set-off against payment based on any of the following:
  - a. claims have been made against Owner on account of Contractor's conduct in the performance or furnishing of the Work, or Owner has incurred costs, losses, or damages on account of Contractor's conduct in the performance or furnishing of the Work, including but not limited to claims, costs, losses, or damages from workplace injuries, adjacent property damage, non-compliance with Laws and Regulations, and patent infringement;
  - b. Contractor has failed to take reasonable and customary measures to avoid damage, delay, disruption, and interference with other work at or adjacent to the Site;
  - c. Contractor has failed to provide and maintain required bonds or insurance;
  - d. Owner has been required to remove or remediate a Hazardous Environmental Condition for which Contractor is responsible;
  - e. Owner has incurred extra charges or engineering costs related to submittal reviews, evaluations of proposed substitutes, tests and inspections, or return visits to manufacturing or assembly facilities;
  - f. the Work is defective, requiring correction or replacement;
  - g. Owner has been required to correct defective Work in accordance with Paragraph 14.07, or has accepted defective Work pursuant to Paragraph 14.04;
  - h. the Contract Price has been reduced by Change Orders;
  - i. an event that would constitute a default by Contractor and therefore justify a termination for cause has occurred;
  - j. liquidated damages have accrued as a result of Contractor's failure to achieve Milestones, Substantial Completion, or final completion of the Work;
  - k. Liens have been filed in connection with the Work;
  - l. there are other items entitling Owner to a set off against the amount recommended.
2. If Owner imposes any set-off against payment, whether based on its own knowledge or on the written recommendations of Engineer, Owner will give Contractor immediate written notice (with a copy to Engineer) stating the reasons for such action and the specific amount of the reduction, and promptly pay Contractor any amount remaining after deduction of the amount so withheld. Owner shall promptly pay Contractor the amount so withheld, or any adjustment thereto agreed to by Owner and Contractor, if Contractor remedies the reasons for such action. The reduction imposed shall be binding on Contractor unless it duly submits a Change Proposal contesting the reduction.

15.02 *Contractor's Warranty of Title*

- A. Contractor warrants and guarantees that title to all Work, materials, and equipment furnished under the Contract will pass to Owner free and clear of (1) all Liens and

other title defects, and (2) all patent, licensing, copyright, or royalty obligations, no later than seven days after the time of payment by Owner.

#### 15.03 *Substantial Completion*

- A. When Contractor considers the entire Work ready for its intended use Contractor shall notify Owner and Engineer in writing that the entire Work is substantially complete and request that Engineer issue a certificate of Substantial Completion. Contractor shall at the same time submit to Owner and Engineer an initial draft of punch list items to be completed or corrected before final payment.
- B. Promptly after Contractor's notification, Owner, Contractor, and Engineer shall make an inspection of the Work to determine the status of completion. If Engineer does not consider the Work substantially complete, Engineer will notify Contractor in writing giving the reasons therefor.
- C. If Engineer considers the Work substantially complete, Engineer will deliver to Owner a preliminary certificate of Substantial Completion which shall fix the date of Substantial Completion. Engineer shall attach to the certificate a punch list of items to be completed or corrected before final payment. Owner shall have seven days after receipt of the preliminary certificate during which to make written objection to Engineer as to any provisions of the certificate or attached punch list. If, after considering the objections to the provisions of the preliminary certificate, Engineer concludes that the Work is not substantially complete, Engineer will, within 14 days after submission of the preliminary certificate to Owner, notify Contractor in writing that the Work is not substantially complete, stating the reasons therefor. If Owner does not object to the provisions of the certificate, or if despite consideration of Owner's objections Engineer concludes that the Work is substantially complete, then Engineer will, within said 14 days, execute and deliver to Owner and Contractor a final certificate of Substantial Completion (with a revised punch list of items to be completed or corrected) reflecting such changes from the preliminary certificate as Engineer believes justified after consideration of any objections from Owner.
- D. At the time of receipt of the preliminary certificate of Substantial Completion, Owner and Contractor will confer regarding Owner's use or occupancy of the Work following Substantial Completion, review the builder's risk insurance policy with respect to the end of the builder's risk coverage, and confirm the transition to coverage of the Work under a permanent property insurance policy held by Owner. Unless Owner and Contractor agree otherwise in writing, Owner shall bear responsibility for security, operation, protection of the Work, property insurance, maintenance, heat, and utilities upon Owner's use or occupancy of the Work.
- E. After Substantial Completion the Contractor shall promptly begin work on the punch list of items to be completed or corrected prior to final payment. In appropriate cases Contractor may submit monthly Applications for Payment for completed punch list items, following the progress payment procedures set forth above.
- F. Owner shall have the right to exclude Contractor from the Site after the date of Substantial Completion subject to allowing Contractor reasonable access to remove its property and complete or correct items on the punch list.
- G. Time for Completion of Items on Tentative List and Remedies. The time fixed by the Engineer for the completion of all items on the list accompanying the tentative certificate of Substantial Completion shall not be greater than forty-five (45). The Contractor shall complete all items on the list within such 45-day period. If the Contractor fails to do so, the Owner in its discretion may perform the Work by itself or

others and the cost thereof shall be charged to the Contractor. The Contractor irrevocably designates the Owner as the Contractor's attorney-in-fact to execute a Change Order deducting such cost from the balance of the Contract Price and also any additional costs or expenses incurred by the Owner arising out of or related to the failure of the Contractor to complete such items, including but not limited to attorneys', consultants', and Engineer's fees. The Contractor's warranties under the Contract Documents shall remain in full force and effect and cover any remedial Work, even if performed by others. If more than one inspection by the Engineer for purposes of evaluating corrected Work is required, it will be performed at the Contractor's expense.

#### 15.04 *Partial Use or Occupancy*

- A. Prior to Substantial Completion of all the Work, Owner may use or occupy any substantially completed part of the Work which has specifically been identified in the Contract Documents, or which Owner, Engineer, and Contractor agree constitutes a separately functioning and usable part of the Work that can be used by Owner for its intended purpose without significant interference with Contractor's performance of the remainder of the Work, subject to the following conditions:
1. At any time Owner may request in writing that Contractor permit Owner to use or occupy any such part of the Work that Owner believes to be substantially complete. If and when Contractor agrees that such part of the Work is substantially complete, Contractor, Owner, and Engineer will follow the procedures of Paragraph 15.03.A through E for that part of the Work.
  2. At any time Contractor may notify Owner and Engineer in writing that Contractor considers any such part of the Work substantially complete and request Engineer to issue a certificate of Substantial Completion for that part of the Work.
  3. Within a reasonable time after either such request, Owner, Contractor, and Engineer shall make an inspection of that part of the Work to determine its status of completion. If Engineer does not consider that part of the Work to be substantially complete, Engineer will notify Owner and Contractor in writing giving the reasons therefor. If Engineer considers that part of the Work to be substantially complete, the provisions of Paragraph 15.03 will apply with respect to certification of Substantial Completion of that part of the Work and the division of responsibility in respect thereof and access thereto.
  4. No use or occupancy or separate operation of part of the Work may occur prior to compliance with the requirements of Paragraph 6.05 regarding builder's risk or other property insurance.
- B. Owner may at any time request Contractor in writing to permit Owner to take over operation of any part of the Work although it is not substantially complete. A copy of such request will be sent to Engineer, and within a reasonable time thereafter, Owner, Contractor, and Engineer shall inspect that part of the Work to determine its status of completion and will prepare a list of the items remaining to be completed or corrected thereon before final payment. If Contractor does not object in writing to Owner and Engineer that such part of the Work is not ready for separate operation by Owner, Engineer will finalize the list of items to be completed or corrected and will deliver such lists to Owner and Contractor together with a written recommendation as to the division of responsibilities pending final payment between Owner and Contractor with respect to security, operation, safety, maintenance, utilities, insurance, warranties, and guarantees for that part of the Work which will become binding upon Owner and

Contractor at the time when Owner takes over such operation (unless they shall have otherwise agreed in writing and so informed Engineer). During such operation and prior to Substantial Completion of such part of the Work, Owner shall allow Contractor reasonable access to complete or correct items on said list and to complete other related Work.

15.05 *Final Inspection*

- A. Upon written notice from Contractor that the entire Work or an agreed portion thereof is complete, Engineer will promptly make a final inspection with Owner and Contractor and will notify Contractor in writing of all particulars in which this inspection reveals that the Work, or agreed portion thereof, is incomplete or defective. Contractor shall immediately take such measures as are necessary to complete such Work or remedy such deficiencies.

15.06 *Final Payment*

A. *Application for Payment:*

1. After Contractor has, in the opinion of Engineer, satisfactorily completed all corrections identified during the final inspection and has delivered, in accordance with the Contract Documents, all maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance, certificates of inspection, annotated record documents (as provided in Paragraph 7.11), and other documents, Contractor may make application for final payment.
2. The final Application for Payment shall be accompanied (except as previously delivered) by:
  - a. all documentation called for in the Contract Documents;
  - b. consent of the surety, if any, to final payment;
  - c. satisfactory evidence that all title issues have been resolved such that title to all Work, materials, and equipment has passed to Owner free and clear of any Liens or other title defects, or will so pass upon final payment; and
  - d. a list of all disputes that Contractor believes are unsettled;
3. Contractor's Waiver and Release Agreement for itself as of the date of the Final Application for Payment and Subcontractors – Suppliers Waiver and Release Agreements for each of its Subcontractors and Suppliers as of the date of the Final Application for Payment. If any Subcontractor or Supplier fails to furnish such a release or receipt in full, Contractor may furnish a bond or other collateral satisfactory to Owner to indemnify Owner against any Lien, or Owner at its option may issue joint checks payable to Contractor and specified Subcontractors and Suppliers.

B. *Engineer's Review of Application and Acceptance:*

1. If, on the basis of Engineer's observation of the Work during construction and final inspection, and Engineer's review of the final Application for Payment and accompanying documentation as required by the Contract Documents, Engineer is satisfied that the Work has been completed and Contractor's other obligations under the Contract have been fulfilled, Engineer will, within ten days after receipt of the final Application for Payment, indicate in writing Engineer's recommendation of final payment and present the Application for Payment to Owner for payment. Such recommendation shall account for any set-offs against

payment that are necessary in Engineer's opinion to protect Owner from loss for the reasons stated above with respect to progress payments. At the same time Engineer will also give written notice to Owner and Contractor that the Work is acceptable, subject to the provisions of Paragraph 15.07. Otherwise, Engineer will return the Application for Payment to Contractor, indicating in writing the reasons for refusing to recommend final payment, in which case Contractor shall make the necessary corrections and resubmit the Application for Payment.

- C. *Completion of Work*: The Work is complete (subject to surviving obligations) when it is ready for final payment as established by the Engineer's written recommendation of final payment.
- D. *Payment Becomes Due*: Thirty days after the presentation to Owner of the final Application for Payment and accompanying documentation, the amount recommended by Engineer (less any further sum Owner is entitled to set off against Engineer's recommendation, including but not limited to set-offs for liquidated damages and set-offs allowed under the provisions above with respect to progress payments) will become due and shall be paid by Owner to Contractor.

#### 15.07 *Waiver of Claims*

- A. The making of final payment will not constitute a waiver by Owner of claims or rights against Contractor. Owner expressly reserves claims and rights arising from unsettled Liens, from defective Work appearing after final inspection pursuant to Paragraph 15.05, from Contractor's failure to comply with the Contract Documents or the terms of any special guarantees specified therein, from outstanding Claims by Owner, or from Contractor's continuing obligations under the Contract Documents.
- B. The acceptance of final payment by Contractor will constitute a waiver by Contractor of all claims and rights against Owner other than those pending matters that have been duly submitted or appealed under the provisions of Article 17.

#### 15.08 *Correction Period*

- A. If within one year after the date of Substantial Completion (or such longer period of time as may be prescribed by the terms of any applicable special guarantee required by the Contract Documents, or by any specific provision of the Contract Documents), any Work is found to be defective, or if the repair of any damages to the Site, adjacent areas that Contractor has arranged to use through construction easements or otherwise, and other adjacent areas used by Contractor as permitted by Laws and Regulations, is found to be defective, then Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions:
  - 1. correct the defective repairs to the Site or such other adjacent areas;
  - 2. correct such defective Work;
  - 3. if the defective Work has been rejected by Owner, remove it from the Project and replace it with Work that is not defective, and
  - 4. satisfactorily correct or repair or remove and replace any damage to other Work, to the work of others, or to other land or areas resulting therefrom.
- B. If Contractor does not promptly comply with the terms of Owner's written instructions, or in an emergency where delay would cause serious risk of loss or damage, Owner may have the defective Work corrected or repaired or may have the rejected Work removed and replaced. Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys,



and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or repair or such removal and replacement (including but not limited to all costs of repair or replacement of work of others).

- C. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications.
- D. Where defective Work (and damage to other Work resulting therefrom) has been corrected or removed and replaced under this paragraph, the correction period hereunder with respect to such Work will be extended for an additional period of one year after such correction or removal and replacement has been satisfactorily completed.
- E. Contractor's obligations under this paragraph are in addition to all other obligations and warranties. The provisions of this paragraph shall not be construed as a substitute for, or a waiver of, the provisions of any applicable statute of limitation or repose.

## **ARTICLE 16 – SUSPENSION OF WORK AND TERMINATION**

### **16.01 *Owner May Suspend Work***

- A. At any time and without cause, Owner may suspend the Work or any portion thereof for a period of not more than 90 consecutive days by written notice to Contractor and Engineer. Such notice will fix the date on which Work will be resumed. Contractor shall resume the Work on the date so fixed. Contractor shall be entitled to an adjustment in the Contract Price or an extension of the Contract Times, or both, directly attributable to any such suspension. Any Change Proposal seeking such adjustments shall be submitted no later than 30 days after the date fixed for resumption of Work.

### **16.02 *Owner May Terminate for Cause***

- A. The occurrence of any one or more of the following events will constitute a default by Contractor and justify termination for cause:
  - 1. Contractor's failure to perform the Work in accordance with the Contract Documents (including, but not limited to, failure to supply sufficient skilled workers or suitable materials or equipment or failure to adhere to the Progress Schedule);
  - 2. Failure of Contractor to perform or otherwise to comply with a material term of the Contract Documents;
  - 3. Contractor's disregard of Laws or Regulations of any public body having jurisdiction; or
  - 4. Contractor's repeated disregard of the authority of Owner or Engineer.
- B. If one or more of the events identified in Paragraph 16.02.A occurs, then after giving Contractor (and any surety) 3 days written notice that Owner is considering a declaration that Contractor is in default and termination of the contract, Owner may proceed to:
  - 1. declare Contractor to be in default, and give Contractor (and any surety) notice that the Contract is terminated. Such termination shall be effective as of the date stated in the termination notice provided to Contractor; and

2. enforce the rights available to Owner under any applicable performance bond.
- C. If Owner has terminated the Contract for cause, Owner may exclude Contractor from the Site, take possession of the Work, incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere, and complete the Work as Owner may deem expedient.
- D. Owner may not proceed with termination of the Contract under Paragraph 16.02.B if Contractor within seven days of receipt of notice of intent to terminate begins to correct its failure to perform and proceeds diligently to cure such failure.
- E. If Owner proceeds as provided in Paragraph 16.02.B, Contractor shall not be entitled to receive any further payment until the Work is completed. If the unpaid balance of the Contract Price exceeds the cost to complete the Work, including all related claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals) sustained by Owner, such excess will be paid to Contractor. If the cost to complete the Work including such related claims, costs, losses, and damages exceeds such unpaid balance, Contractor shall pay the difference to Owner. Such claims, costs, losses, and damages incurred by Owner will be reviewed by Engineer as to their reasonableness and, when so approved by Engineer, incorporated in a Change Order. When exercising any rights or remedies under this paragraph, Owner shall not be required to obtain the lowest price for the Work performed.
- F. Where Contractor's services have been so terminated by Owner, the termination will not affect any rights or remedies of Owner against Contractor then existing or which may thereafter accrue, or any rights or remedies of Owner against Contractor or any surety under any payment bond or performance bond. Any retention or payment of money due Contractor by Owner will not release Contractor from liability.
- G. If and to the extent that Contractor has provided a performance bond under the provisions of Paragraph 6.01.A, the provisions of that bond shall govern over any inconsistent provisions of Paragraphs 16.02.B and 16.02.D.

#### 16.03 *Owner May Terminate For Convenience*

- A. Upon three days written notice to Contractor and Engineer, Owner may, without cause and without prejudice to any other right or remedy of Owner, terminate the Contract. In such case, Contractor shall be paid for (without duplication of any items). Such termination shall be effective as of the date stated in the written notice:
  1. completed and acceptable Work as defined in the Contract Documents executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such Work;
  2. expenses sustained prior to the effective date of termination in performing services and furnishing labor, materials, or equipment as required by the Contract Documents in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses; and
  3. other reasonable expenses directly attributable to termination, including costs incurred to prepare a termination for convenience cost proposal.
- B. Contractor shall not be paid on account of loss of anticipated overhead, profits, or revenue, or other economic loss arising out of or resulting from such termination.

#### 16.04 *Contractor May Stop Work or Terminate*

- A. If, through no act or fault of Contractor, (1) the Work is suspended for more than 90 consecutive days by Owner or under an order of court or other public authority, or (2) Engineer fails to act on any Application for Payment within 30 days after it is submitted, or (3) Owner fails for 30 days to pay Contractor any sum finally determined to be due, then Contractor may, upon seven days written notice to Owner and Engineer, and provided Owner or Engineer do not remedy such suspension or failure within that time, terminate the contract and recover from Owner payment on the same terms as provided in Paragraph 16.03.
- B. In lieu of terminating the Contract and without prejudice to any other right or remedy, if Engineer has failed to act on an Application for Payment within 30 days after it is submitted, or Owner has failed for 30 days to pay Contractor any sum finally determined to be due, Contractor may, seven days after written notice to Owner and Engineer, stop the Work until payment is made of all such amounts due Contractor, including interest thereon. The provisions of this paragraph are not intended to preclude Contractor from submitting a Change Proposal for an adjustment in Contract Price or Contract Times or otherwise for expenses or damage directly attributable to Contractor's stopping the Work as permitted by this paragraph.
- C. Contractor shall require similar provisions contained in this Article 16 in each of its subcontracts to protect Contractor from claims by Subcontractors arising from the Owner's termination for convenience, or to minimize claims by such subcontractors. The remedy provided to Contractor under this Paragraph shall be the Contractor's sole remedy in the event of termination for convenience by Owner.

### **ARTICLE 17 – FINAL RESOLUTION OF DISPUTES**

#### 17.01 *Methods and Procedures*

- A. Any Claim not resolved by mediation or within 60 days of the date of the Claim shall be subject to litigation. Any lawsuit which may be brought to enforce any provision of this Contract or any remedy with respect thereto, shall be brought in a state court of competent jurisdiction in the county in which the Owner is located and each party expressly consents to the jurisdiction of such court. Each party expressly waives its right to remove any such suit to federal court.

### **ARTICLE 18 – MISCELLANEOUS**

#### 18.01 *Giving Notice*

- A. Whenever any provision of the Contract Documents requires the giving of written notice, it will be deemed to have been validly given if:
  - 1. delivered in person, by a commercial courier service or otherwise, to the individual or to a member of the firm or to an officer of the corporation for which it is intended; or
  - 2. delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the sender of the notice.

#### 18.02 *Computation of Times*

- A. When any period of time is referred to in the Contract by days, it will be computed to exclude the first and include the last day of such period. If the last day of any such

period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day will be omitted from the computation.

#### 18.03 *Cumulative Remedies*

- A. The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws or Regulations, by special warranty or guarantee, or by other provisions of the Contract. The provisions of this paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right, and remedy to which they apply.

#### 18.04 *Limitation of Damages*

- A. With respect to any and all Change Proposals, Claims, disputes subject to final resolution, and other matters at issue, neither Owner nor Engineer, nor any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, shall be liable to Contractor for any claims, costs, losses, or damages sustained by Contractor on or in connection with any other project or anticipated project.
- B. The Contractor waives Claims against the Owner for consequential damages arising out of or relating to this Contract. This waiver includes but is not limited to:
  - 1. damages incurred by the Contractor for principal office expenses including the compensation of personnel stationed there, for losses of financing, business and reputation, loss of bonding capacity and for loss of profit except anticipated profit arising directly from the Work.
- C. The waiver in Paragraph 18.04(B) is applicable, without limitation, to all consequential damages due to either party's termination in accordance with the terms of the Contract. Nothing contained in this Paragraph 18.04 shall be deemed to preclude an award of liquidated damages, when applicable, in accordance with the requirements of the Contract Documents.

#### 18.05 *No Waiver*

- A. The Owner's non-enforcement of any provision shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Contract.

#### 18.06 *Survival of Obligations*

- A. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with the Contract, as well as all continuing obligations indicated in the Contract, will survive final payment, completion, and acceptance of the Work or termination or completion of the Contract or termination of the services of Contractor.

#### 18.07 *Controlling Law*

- A. This Contract is to be governed by the law of the state in which the Project is located.

#### 18.08 *Headings*

- A. Article and paragraph headings are inserted for convenience only and do not constitute parts of these General Conditions.

**STATE OF OHIO BUREAU OF WORKER'S COMPENSATION INSURANCE  
CERTIFICATE ATTACHMENT SHEET**

**INSURANCE CERTIFICATE ATTACHMENT SHEET**



**NOTICE OF AWARD TO CONTRACTOR**

To: The Righter Co., Inc.

Date:

Project: Cherry Bottom Road Stabilization, ST-1079

The Owner has considered the Bid submitted by you for the above-described work in response to the Legal Notice dated: July 14, 2022 & July 21, 2022.

You are hereby notified that your bid has been accepted for items in the amount of \$349,195.00 (Base Bid).

You are required by the Information for Bidders to execute the Contract and furnish the required documents within ten (10) calendar days from the date of this notice to you.

If you fail to execute said Contract within ten (10) days from the date of this notice, Owner may—at its discretion—exercise its rights with respect to your bid guaranty and be entitled to such other rights as may be granted by Law.

You are required to return an acknowledged copy of this Notice of Award to the Owner.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2022

By:

\_\_\_\_\_  
D. Grant Crawford  
Director of Public Service & Engineering

**ACCEPTANCE OF NOTICE**

Receipt of the above Notice of Award is hereby acknowledged.

Contractor:

This \_\_\_\_\_ day of \_\_\_\_\_, 2022

By: \_\_\_\_\_

Name: \_\_\_\_\_

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



## NOTICE OF AWARD TO SURETY AND SURETY'S AGENT

Date:

### **SENT BY REGULAR U.S. MAIL**

Surety Company:  
Ohio Farmers Insurance Company  
P.O. Box 5001  
Westfield Center, OH 44251-5001

Surety Agent:  
Overmyer Hall Associates  
1600 West Lane Avenue, Suite 200  
Columbus, OH 43221

Re: Notice of Award of Contract

To Whom It May Concern:

You are notified that your principal, The Righter Co., Inc., has been awarded a contract for The Cherry Bottom Road Stabilization ST-1079, in the amount of \$349,195.00, by the City of Gahanna.

Thank you,

By: \_\_\_\_\_  
Jill Webb  
Engineering Program Technician

**NOTICE TO PROCEED**

To: The Righter Co., Inc.

Date:

Project: Cherry Bottom Road Stabilization, ST-1079

Owner: City of Gahanna  
200 South Hamilton Road  
Gahanna, Ohio 43230

You are hereby notified to commence Work in accordance with the Agreement dated \_\_\_\_\_, and you are to complete the Work in the time required by Section 3.2 of the Owner/Contractor Agreement and other Contract Documents. Within ten (10) days from this Notice to Proceed date, you will begin physical, on-site improvements. You are required to return an acknowledged copy of this Notice to Proceed, to the Owner, indicating Acceptance of this Notice to Proceed.

\_\_\_\_\_  
D. Grant Crawford  
Director of Public Service & Engineering

**ACCEPTANCE OF NOTICE TO PROCEED**

Receipt of the above NOTICE TO PROCEED is hereby acknowledged by \_\_\_\_\_, this the day of \_\_\_\_\_, 2022.

By: \_\_\_\_\_

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

**CHANGE ORDER**

Order No: \_\_\_\_\_

Date: \_\_\_\_\_

Agreement Date: \_\_\_\_\_

Name of PROJECT: **Cherry Bottom Road Stabilization, ST-1079**

OWNER: **City of Gahanna, Ohio**

CONTRACTOR: **The Righter Co., Inc.**

The following changes are hereby made to the CONTRACT DOCUMENTS:

Justification: \_\_\_\_\_

Change to CONTRACT PRICE: \$ \_\_\_\_\_

Original CONTRACT PRICE: \$ \_\_\_\_\_

Current CONTRACT PRICE adjusted by previous  
CHANGE ORDER \$ \_\_\_\_\_

The CONTRACT PRICE due to this CHANGE ORDER will be (increased)  
(decreased) by : \$ \_\_\_\_\_

The CONTRACT PRICE amount INCLUDING this CHANGE ORDER: \$ \_\_\_\_\_

Change to CONTRACT TIME:

The CONTRACT TIME will be (increased) (decreased) by \_\_\_\_\_  
calendar days.

The date for completion of all WORK will be \_\_\_\_\_(Date)

**CONTRACTOR AGREES THAT THIS CHANGE ORDER SHALL CONSTITUTE A FINAL SETTLEMENT OF ALL MATTERS RELATING TO THE CHANGE IN THE WORK THAT IS THE SUBJECT OF THIS CHANGE ORDER, INCLUDING, BUT NOT LIMITED TO, ALL DIRECT, INDIRECT, AND CUMULATIVE COSTS ASSOCIATED WITH SUCH CHANGE AND ALL ADJUSTMENTS TO THE CONTRACT SUM AND THE DATE FOR SUBSTANTIAL COMPLETION.**

Contractor's Signature: \_\_\_\_\_

Owner: \_\_\_\_\_

Project Administrator: \_\_\_\_\_

**PAYROLL INFORMATION**

Date \_\_\_\_\_

I, \_\_\_\_\_ (Name of Signatory Party), \_\_\_\_\_  
(Title), do hereby certify:

1. That I pay or supervise the payment of the persons employed  
by \_\_\_\_\_ (Contractor) on the \_\_\_\_\_ (Project).

2. That during the payroll period commencing on the \_\_\_\_\_ day of  
\_\_\_\_\_, 2022, and ending on the \_\_\_\_\_ day of \_\_\_\_\_,  
2022, all persons employed on said project have been paid in full weekly wages earned; that  
no rebates have been or will be made either directly or indirectly to or on behalf of said  
\_\_\_\_\_(Contractor) from the full weekly wages earned by such  
persons; and that no deductions have been made either directly or indirectly from the wages  
earned by such persons, other than permissible deductions which are described below:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. That any payrolls otherwise under this Contract required for the above period are correct  
and complete; that the wage rates for laborers or mechanics contained therein are not less  
than the applicable wage rates contained in the specifications as supplied by the Department  
of Industrial Relations or any wage determination incorporated into the Contract and that the  
classifications set forth therein for each laborer or mechanic conform with the work he  
performed.

4. That any apprentices employed in the above period are duly registered in a bona fide  
apprenticeship program registered with the Ohio Apprenticeship Council.

5. That:

(a) Where fringe benefits are paid to approved plans, funds, or programs, in addition  
to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced  
payroll, payments of fringe benefits listed in the Contract have been or will be made to  
appropriate programs for the benefit of such employees, except as noted in Section 5(c)  
below; and

(b) Where fringe benefits are paid in cash, each laborer or mechanic listed in the above  
referenced payroll has been paid as indicated on the payroll, and amount not less than the  
sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits  
as listed in the Contract, except as noted in Section 5(c) below:

(c) Exceptions:

Exception (Craft)

Explanation

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Remarks

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Name and Title \_\_\_\_\_, \_\_\_\_\_

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Signature

The willful falsification of any of the above statements may subject the Contractor or Subcontractor to fines as described in Section 4115.99 of the Ohio Revised Code.

**FINAL PAYROLL AFFIDAVIT**

I, \_\_\_\_\_(Name of person signing affidavit),  
\_\_\_\_\_ (title),

of the \_\_\_\_\_, do hereby certify that the wages paid to all employees for the full number of hours worked in connection with the Contract to the Improvement, Repair and Construction of: **Cherry Bottom Road Stabilization, ST-1079** (Project) during the following period from \_\_\_\_\_ to \_\_\_\_\_ is in accordance with the prevailing wages prescribed by the Contract Documents. I further certify that no rebates or deductions for any wages due any person have been directly or indirectly made other than those provided by law.

\_\_\_\_\_  
(Signature of Officer or Agent)

Sworn to and subscribed in my presence this \_\_\_\_\_ day of \_\_\_\_\_, 2022.

\_\_\_\_\_  
Notary Public

**The above affidavit must be executed and sworn to by the officer or agent or the Contractor or Subcontractor who supervised the payment of employees, before the Owner will release the surety and/or make final payment due under the terms of the Contract.**

## CONTRACTOR'S PAYMENT APPLICATION CHECKLIST

**THE CONTRACTOR MUST COMPLETE THIS CHECKLIST AND SUBMIT IT TO THE DESIGN PROFESSIONAL WITH ITS PAYMENT APPLICATION AND ALL REQUIRED DOCUMENTATION.**

1. Contractor's Name: \_\_\_\_\_
2. Name, title, and telephone and fax numbers of Contractor's representative to contact regarding the Payment Application and required documentation:  
Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Office Telephone No.: (\_\_\_\_) \_\_\_\_\_ FAX No.: (\_\_\_\_) \_\_\_\_\_
3. Payment Application Number and Date:  
No. \_\_\_\_\_ Date: \_\_\_\_\_, 2022
4. The following is a list of required documentation that must accompany its Payment Application. The Contractor certifies that it has submitted the documentation listed below with its Payment Application. If the Contractor cannot do so, the Contractor should explain why in Paragraph 5. Such explanations shall not excuse the Contractor from the requirements for submitting this documentation.
  - \_\_\_\_\_ .1 Two (2) copies of a properly completed and executed Application for Payment with a properly completed and executed Schedule of Values attached to each;
  - \_\_\_\_\_ .2 Properly Completed Contractor's Affidavit with List of Subcontractors and Suppliers and Any Amounts Withheld;
  - \_\_\_\_\_ .3 Contractor's Wavier and Release Agreement (beginning with the second Application for Payment);
  - \_\_\_\_\_ .4 For each of its Subcontractors and Suppliers, a Subcontractor's – Supplier's Waiver and Release Agreement (beginning with the second Application for Payment);
  - \_\_\_\_\_ .5 Schedule of all materials and equipment stored on-site;
  - \_\_\_\_\_ .6 For materials and equipment stored off-site:
    - \_\_\_\_\_ A list of the materials and equipment consigned and stored off-site in connection with the Project (which shall be clearly identified), giving the place of storage, together with copies of invoices and reasons why the materials and equipment cannot be delivered to the site;
    - \_\_\_\_\_ Certification that all items have been tagged for delivery to the Project and that they will not be used for any other purpose;
    - \_\_\_\_\_ A letter from the Contractor's surety bonding company indicating agreement to the arrangements and that

payment to the Contractor shall not relieve either party of its responsibility to complete the facility;

\_\_\_\_\_ Evidence of adequate insurance covering the material and equipment in storage, which shall name the Owner as additional insured;

\_\_\_\_\_ Evidence that the Design Professional has visited the Contractor's place of storage and found that all the materials and equipment set forth in the payment request and represented to be stored off-site are stored at the place of storage (any costs incurred by the Design Professional to inspect material and equipment in off-site storage shall be paid by the Contractor); and

\_\_\_\_\_ Itemization of the materials and equipment and their cost, which were approved on previous Pay Applications and which remain in off-site storage.

\_\_\_\_\_ .7 Other documentation or information required by the Contract Documents or by the Design Professional or Owner.

5. Reason why required documentation is not submitted:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOTE: The failure to submit required documentation, regardless of the reason, may result in non- payment, partial payment, and/or late payment.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

**PROJECT ADMINISTRATOR REVIEW**

\_\_\_\_\_ Checklist and documentation complete.

\_\_\_\_\_ Checklist and documentation incomplete.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date



**CONTRACTOR'S AFFIDAVIT WITH LIST OF SUBCONTRACTORS AND SUPPLIERS  
WITH ANY AMOUNTS WITHHELD**

PROJECT:  
Cherry Bottom Road  
Stabilization, ST-1079

CONTRACTOR:  
The Righter Co., Inc.

STATE OF \_\_\_\_\_ :  
: SS,  
COUNTY OF \_\_\_\_\_ :

The undersigned after first being sworn swears that a) all previous progress payments received on account of the Work have been applied on account to discharge Contractor's legitimate obligations associated with prior Applications for Payment, b) the Contractor has submitted Subcontractor(s) – Supplier(s) Waiver and Release Agreements for each of its Subcontractors and Suppliers using the form set forth in the Project Manual or as requested by the Design Professional, c) set forth below is a complete list of its Subcontractors and Suppliers, and d) set forth below is a complete description of all amounts withheld from any Subcontractor or Supplier and the reason why. Attach additional sheets if necessary. Contractor certifies that it has self-performed work amounting to not less than 50% of the total contract sum.

<b>Typed or Printed Name of Subcontractor or Supplier</b>	<b>Address of Subcontractor or Supplier</b>	<b>Telephone Number of Subcontractor or Supplier</b>

WITHHOLDINGS FROM SUBCONTRACTORS AND/OR SUPPLIERS:

<b>Typed or Printed Name of Subcontractor or Supplier</b>	<b>Amount Withheld</b>	<b>Reason for Withholding</b>

CONTRACTOR: [insert name]

\_\_\_\_\_  
BY: \_\_\_\_\_  
(Signature of authorized representative)

NOTARY PUBLIC

Subscribed and sworn to before me on this date by \_\_\_\_\_ on behalf of  
\_\_\_\_\_.

\_\_\_\_\_  
Signature of Notary Public

Notary Public: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

**CONTRACTOR'S WAIVER & RELEASE AGREEMENT**

("AGREEMENT")

Project: Cherry Bottom Road Stabilization, ST-1079

The undersigned hereby acknowledges receipt of payment from the Owner for all Work on the Project through the date of its prior Application for Payment. The undersigned acknowledges and agrees that the terms in this Agreement shall have the same meaning as in the Contract Documents for the Project.

In return for said payment, and/or pursuant to certain contractual obligations of the undersigned, the undersigned hereby waives and releases any rights it has or may have through the date of its last Application for Payment to any and all Claims and liens related to the Project, including without limitation: Claims of payment, mechanic's liens, liens against funds, surety bond Claims, and Claims for breach of contract or unjust enrichment. The sole exception to this waiver and release is for any Claims the undersigned has made by properly and timely submitting a Statement of Claim form. The undersigned acknowledges and agrees that this wavier and release is intended to be a comprehensive release of all Claims and liens related to the Project, including without limitation all Claims against the Owner, the Design Professional, any Construction Manager, and the employees, board members, agents and representatives of any of the foregoing persons. The undersigned further certifies that this Agreement covers Claims and liens by all persons with which it did business related to the Project, including without limitation subcontractors and suppliers, through the date of its last Application for Payment. The undersigned represents that all such persons have signed an agreement in the form of this Agreement releasing any and all Claims and liens related to the Project, except for any Claims made by properly and timely submitting a Statement of Claim form, a copy of which has been delivered to the Design Professional and the Owner. The undersigned hereby represents and warrants that it has paid any and all welfare, pension, vacation or other contributions required to be paid on account of the employment by the undersigned of any laborers on the Project.

This Agreement is for the benefit of, and may be relied upon by the Owner, Design Professional and any Construction Manager. The undersigned hereby agrees to indemnify, defend and hold harmless each of the foregoing, the Project, work or improvement, and real property from any and all Claims, or liens that are or should have been released in accordance with this Agreement.

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Authorized Signature (Company Officer)

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

State of: \_\_\_\_\_ County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2022.

Notary Public: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

**SUBCONTRACTOR'S/SUPPLIER'S WAIVER & RELEASE AGREEMENT**  
(“AGREEMENT”)

Project: Cherry Bottom Road Stabilization, ST-1079

The undersigned hereby acknowledges receipt of payment for all Work on the Project through the date of the prior Application for Payment by the Prime Contractor (“Prime Contractor”) with which it has a contract. The undersigned acknowledges and agrees that the terms in this Agreement shall have the same meaning as in the Contract Documents for the Project.

In return for said payment, and/or pursuant to certain contractual obligations of the undersigned, the undersigned hereby waives and releases any rights it has or may have through the date of the Prime Contractor’s last Application for Payment and to any and all Claims and liens related to the Project, including without limitation: Claims of payment, mechanic’s liens, liens against funds, surety bond Claims, and Claims for breach of contract or unjust enrichment. The sole exception to this waiver and release is for any Claims the undersigned has made by properly and timely submitting a Statement of Claim form, a copy of which the undersigned represents has been delivered to the Owner and the Design Professional. The undersigned acknowledges and agrees that this waiver and release is intended to be a comprehensive release of all Claims and liens related to the Project, including without limitation all Claims against the Prime Contractor, the Prime Contractor’s surety, the Owner, the Design Professional, any Construction Manager, and the employees, board members, agents and representatives of any of the foregoing persons. The undersigned further certifies that this Agreement covers Claims and liens by all persons with which it did business related to the Project, including without limitation sub-subcontractors and suppliers, through the date of the Prime Contractor’s last Application for Payment. The undersigned represents that all such persons have signed an agreement in the form of this Agreement releasing any and all Claims and liens related to the Project, except for any Claims made by properly and timely submitting a Statement of Claim form, a copy of which has been delivered to the Design Professional and the Owner. The undersigned hereby represents and warrants that it has paid any and all welfare, pension, vacation or other contributions required to be paid on account of the employment by the undersigned of any laborers on the Project.

The undersigned agrees that upon receipt of the payment from the Prime Contractor with respect to the Prime Contractor’s current Application for Payment, it shall, upon request of the Prime Contractor, Owner, Design Professional, or any Construction Manager, execute a waiver and release agreement in the form of this Agreement, except that such Agreement shall be current through the date of the Prime Contractor’s current Payment Application. The undersigned further agrees that, upon receipt of such payment, it shall execute any other documents requested to cause the prejudicial release of any and all Claims and liens through the date of the Prime Contractor’s current Payment Application.

This Agreement is for the benefit of, and may be relied upon by, the Prime Contractor, the Prime Contractor's surety, the Owner, the Design Professional and any Construction Manager. The undersigned hereby agrees to indemnify, defend and hold harmless each of the foregoing: the Project, its Work, and real property from any and all Claims and/or liens that are or should have been released in accordance with this Agreement and from any liability, cost, or expense incurred as a result of any breach of this Agreement by the undersigned.

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Authorized Signature (Company Officer)

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

State of: \_\_\_\_\_ County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2022.

Notary Public: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

**STATEMENT OF CLAIM FORM**

**Claim No. \_\_\_ for Contractor**

1. Name of Contractor: \_\_\_\_\_

2. Date written claim given: \_\_\_\_\_.

3. Contractor's representative to contact regarding the claim:

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Telephone No. \_\_\_\_\_ (office) FAX No. \_\_\_\_\_

E-mail: \_\_\_\_\_

4. General description of claim:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Contract Documents. If the claim is based upon any part or provision in the Contract Documents, including but not limited to pages in the Drawings and/or paragraphs in the Specifications, Owner-Contractor Agreement, General Conditions or Supplementary General Conditions, state upon which parts or provisions the claim is based:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. Delay claims:

6.1 Date delay commenced: \_\_\_\_\_

6.2 Duration or expected duration of the delay, if known: \_\_\_\_\_

6.3 Apparent cause of the delay and part of critical path affected:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6.4 Expected impact of the delay and recommendations for minimizing such impact:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. Additional compensation. Set forth in detail all additional compensation to which the Contractor believes it is entitled with respect to this claim:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. Instructions for Completing the Statement of Claim Form ("Instructions"). The Instructions are incorporated in this Form.

9. Truth of Claim. By submitting this claim, the Contractor and its representative certify that after conscientious and thorough review and to the best of his or her knowledge and belief a) the Contractor has complied fully with the Instructions, b) the information in this State of Claim is accurate, c) the Contractor is entitled to recover the compensation in paragraph 7, and d) the Contractor has not knowingly presented a false or fraudulent claim. The Contractor by its authorized representative must acknowledge this Statement of Claim before a notary public.

CONTRACTOR: \_\_\_\_\_

By: \_\_\_\_\_

Name and Title: \_\_\_\_\_

Date: \_\_\_\_\_

**CONTRACTOR'S ACKNOWLEDGMENT**

State of \_\_\_\_\_,

County of \_\_\_\_\_, ss:

\_\_\_\_\_ first being sworn, states that after conscientious and thorough review, the statements made in attached Statement of Claim Form are complete and true to the best of his or her knowledge and belief.

\_\_\_\_\_

Sworn to before me a notary public by \_\_\_\_\_ on \_\_\_\_\_, 2022.

\_\_\_\_\_  
Notary Public

WHEN COMPLETED, FORWARD A COPY OF THIS NOTICE AND STATEMENT OF CLAIM FORM TO THE OWNER AND DESIGN PROFESSIONAL.

## STATEMENT OF CLAIM FORM INSTRUCTIONS

1. Completing the Statement of Claim Form ("Claim Form") is a material term of the Contract. The Claim Form tells the Owner and Design Professional that the Contractor is making a Claim and that they need to act promptly to mitigate the effects of the occurrence giving rise to the Claim. The Claim Form also provides them with information so that they can mitigate such effects. The Contractor acknowledges that constructive knowledge of the conditions giving rise to the Claim through job meetings, correspondence, site observations, etc. is inadequate notice, because knowledge of these conditions does not tell the Owner and Design Professional that the Contractor will be making a Claim and most often is incomplete.
2. If the space provided in the Claim Form is insufficient, the Contractor, as necessary to provide complete and detailed information, must attach pages to the Claim Form with the required information.
3. Paragraph 4. The Contractor must state what it wants, *i.e.*, time and/or compensation, and the reason why it is entitled to time and/or compensation.
4. Paragraph 5. The Contractor must identify the exact provisions of the Contract Documents it is relying on in making its Claim. For example, if the Claim is for a change in the scope of the Contractor's Work, the Contractor must identify the specific provisions of the Specifications, and the Plan sheets and details that provide the basis for the scope change.
5. Paragraph 6. This paragraph applies to delay claims, including delays that the Contractor believes result in constructive acceleration. The Contractor must identify the cause of the delay, party or parties responsible, and what the party did or did not do that caused the delay, *i.e.*, specific work activities. The Contractor acknowledges that general statements are not sufficient, and do not provide the Owner with sufficient information to exercise the remedies available to the Owner or to mitigate the effects of the delay.

For example, if the Contractor claims a slow response time on submittals caused a delay, the Contractor must identify the specific submittals, all relevant dates, and then show on the applicable schedule, by circling or highlighting, the activities immediately affected by the delays. Also for example, if the Contractor claims it was delayed by another Contractor, the Contractor must identify the delaying Contractor, specifically what the delaying Contractor did or did not do that caused the delay, and then show the applicable schedule, by circling or highlighting, the activities immediately affected by the delays. Further by example, if the Contractor seeks an extension of time for unusually severe weather, the Contractor must submit comparative weather data along with a record of the actual weather at the job site and job site conditions.

6. Paragraph 6.4. Time is of the essence under the Contract Documents. If there is a delay, it is important to know what can be done to minimize the impact of the delay. It therefore is important that the Contractor provide specific recommendations on how to do so.



7. Paragraph 7. The Contractor must provide a specific and detailed breakdown of the additional compensation it seeks to recover. For future compensation, the Contractor shall provide its best estimate of such compensation.
8. Paragraph 8 and Acknowledgment. By submitting this Claim, the Contractor and its representative certify that after conscientious and thorough review and to the best of his or her knowledge and belief a) the Contractor has complied fully with the Instructions, b) the information in this Claim Form is accurate, c) the Contractor is entitled to recover the compensation in paragraph 7, and d) the Contractor has not knowingly presented a false or fraudulent claim. The Contractor by its authorized representative must acknowledge this Statement of Claim before a notary public.

**END OF INSTRUCTIONS**

**DESIGN PROFESSIONAL'S  
CERTIFICATE OF SUBSTANTIAL COMPLETION**

Project:  
Cherry Bottom Road  
Stabilization, ST-1079  
Cherry Bottom Road in  
Gahanna

Contract For:  
Installing sheet pile retaining walls  
to secure unstable slopes that have  
damaged the roadway at two  
locations along Cherry Bottom Rd

Owner:  
City of Gahanna  
200 South Hamilton Road  
Gahanna, Ohio 43230

CONTRACTOR:  
The Righter Co., Inc.  
2424 Harrison Road  
Columbus, OH 43204

The Design Professional hereby certifies that the Date for Substantial Completion of the Contractor's Work as set forth in the Owner-Contractor Agreement is:

**Date: November 25, 2022**

The Design Professional hereby certifies that the Date for Substantial Completion in the Contractor's Agreement with the Owner (the "Agreement"), as extended by Change Orders and Claims submitted by the Contractor that have been resolved, as defined below, is:

1. Date for Substantial Completion in the Agreement (above): \_\_\_\_\_
2. Additional days added to Date for Substantial Completion by Change Order: \_\_\_\_\_
3. Additional days added by Claims that have been Finally Resolved: \_\_\_\_\_
4. Date for Substantial Completion in the Contract Adjusted by days under No. 2 and No. 3 \_\_\_\_\_

The Design Professional certifies that the Contractor's Work to the best of the Design Professional's knowledge, information, and belief was Substantially Complete, as Substantial Completion is defined in the Contract Documents, on \_\_\_\_\_.

The Design Professional hereby certifies that the difference between (a) the Date for Substantial Completion adjusted by the days under No. 2 and No. 3 above and (b) the date the Contractor's Work was Substantially Complete is \_\_\_\_\_ days.

NOTICES OF DELAY. The Design Professional hereby certifies that all "NOTICES OF DELAY" submitted by the Contractor and described in the General Conditions are attached to this Certificate. This certification is solely for the purpose of identifying all "NOTICES OF DELAY" submitted by the Contractor and is not intended to imply that any of these NOTICES OF DELAY were properly submitted in accordance with Contract Documents or are valid.

STATEMENT OF CLAIM FORMS. The Design Professional hereby certifies that all Statement of Claim Forms described in the General Conditions and submitted by the Contractor are attached to this Certificate. This certification is solely for the purpose of identifying all Statement of Claim Forms submitted by the Contractor and is not intended to imply that any of these Statement of Claim Forms were properly submitted in accordance with Contract Documents or are valid.

PUNCHLIST ITEMS. A list of items to be completed by the Contractor is attached to this Certificate. The failure to include items on this list does not change the responsibility of the Contractor to complete its Work in accordance with the Contract Documents. The Contractor shall complete all items on the Punchlist in accordance with the Contract Documents.

Security, maintenance, utilities, damage to the Work and insurance are the responsibility of the Owner and the Contractor based on their operations pursuant to final completion of the Work.

Copies of this Certificate were provided to the Contractor and the Owner on \_\_\_\_\_.

Design Professional: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

# **APPENDIX F**

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## **OPWC Proposal Notes**

**OPWC PROPOSAL NOTES – For insertion into Bid Documents (Rev 6/16)**

**1. STEEL PRODUCTS MADE IN THE UNITED STATES**

Domestic steel use requirements as specified in Ohio Revised Code §153.011 apply to this project. Copies of §153.011 can be obtained from any of the offices of the department of administrative services or through <http://codes.ohio.gov/orc/153.011>.

**2. PREVAILING WAGES ON STATE PROJECTS WITH NO FEDERAL-AID (Should this project contain Federal-aid funds then Federal Prevailing Wages must be paid. Contact the appropriate Federal funding agency for language.)**

This contract is subject to Ohio Prevailing Wage Laws, Chapter 4115 of the Ohio Revised Code and the Contractor and all subcontractors shall comply with all provisions contained therein or as otherwise provided by this note. The Contractor guarantees that the prevailing wage scale to be paid to all laborers and mechanics employed on this contract shall be in accordance with the schedule of the prevailing hourly wage and fringe benefits as determined by the Ohio Department of Commerce for the county in which the work is being performed. The failure to pay prevailing wages to all laborers and mechanics employed on this project shall be considered a breach of contract. Such a failure may result in the revocation of the contractor's and/or subcontractor's certificate of qualification and debarment. A schedule of the most current prevailing wage rates may be accessed by logging in/registering with the Ohio Department of Commerce, Labor and Worker Safety Division, Wage and Hour Bureau at the following web address:

<https://wagehour.com.ohio.gov/w3/webwh.nsf/wrlogin/?openform>

*The Contractor and all subcontractors shall compensate the employees on this contract at a pay rate not less than the hourly wage and fringe rate listed on the website noted above, for the applicable job classification or as may be modified by the Ohio Department of Commerce, Division of Labor and Worker Safety Wage and Hour Bureau, when new prevailing rates are established.*

Overtime shall be paid at one and one-half times the basic hourly rate for any hours worked beyond forty hours during a pay week. The Contractor and all subcontractors shall pay all compensation by company check to the worker and fringe benefit program.

The wage and fringe rates determined for this project or as may be later modified, shall be posted by the Contractor in a prominent and accessible place on the project, field office, or equipment yard where they can be easily read by the workers or otherwise made available to the workers. On the first pay date of contract work the Contractor and all subcontractors shall furnish each employee covered by prevailing wage a completed form (WHPW-1512) in accordance with section 4115.05 of the Ohio Revised Code, showing the classification, hourly pay rate, and fringes, and identifying the public authority's Prevailing Wage Coordinator, if such employees are not covered by a collective bargaining agreement or understanding between employers and bona fide organizations of labor. These forms shall be signed by the Contractor or subcontractor and the employee and kept in the Contractor's or subcontractor's payroll files.

The Contractor and all subcontractors shall submit to the Prevailing Wage Coordinator, certified payrolls on form WHPW-1512 or equivalent, in accordance with sections 4115.07 and 4115.071 (C) of the Ohio Revised Code, three weeks after the start of work and every subsequent week until the completion of the contract. Additionally, a copy of the "Apprentice Certification" obtained from the Ohio State Apprenticeship Council, must accompany all certified payrolls submitted, for all apprentices working on this project. Upon completion of the contract and before the final payment, the Contractor shall submit to the Prevailing Wage Coordinator a final wage affidavit in accordance with section 4115.07 of the Ohio Revised Code stating that wages have been paid in conformance with the minimum rates set forth in the contract. Please be aware that it is ultimately the responsibility of the Contractor to ensure that all laws relating to prevailing wages in Chapter 4115 of the Ohio Revised Code are strictly adhered to by all subcontractors.

The Contractor and all subcontractors shall make all of its payroll records available for inspection, copying

or transcription by any authorized representative of the contracting agency. Additionally, the Contractor and all subcontractors shall permit such representatives to interview any employees during working hours while the employee is on the job.

**3. UNRESOLVED FINDING FOR RECOVERY**

The Contractor affirmatively represents to the local contracting authority that it is not subject to a finding for recovery under Ohio Revised Code §9.24, or that it has taken the appropriate remedial steps required under §9.24 or otherwise qualifies under that section. The Contractor agrees that if this representation is deemed to be false, the contract shall be void ab initio as between the parties to this contract, and any funds paid by the state hereunder shall be immediately repaid to the local contracting authority, or an action for recovery may be immediately commenced by the local government and/or for recovery of said funds.

**4. OHIO WORKERS' COMPENSATION COVERAGE**

The Contractor must secure and maintain valid Ohio workers' compensation coverage until the project has been finally accepted by the local contracting authority. A certificate of coverage evidencing valid workers' compensation coverage must be submitted to the local contracting authority before the contract is executed.

The Contractor must immediately notify the local contracting authority, in writing, if it or any subcontractor fails or refuses to renew their workers' compensation coverage. Furthermore, the Contractor must notify the local contracting authority, in writing, if its or any of its subcontractor's workers' compensation policies are canceled, terminated or lapse.

The failure to maintain valid workers' compensation coverage shall be considered a breach of contract which may result in the Contractor or subcontractor being removed from the project, withholding of pay estimates and/or termination of the contract.

**5. DRUG-FREE WORKPLACE PROGRAM**

In accordance with Ohio Revised Code §153.03 and during the life of this project, the Contractor and all its Subcontractors that provide labor on the Project site must be enrolled in and remain in good standing in the Ohio Bureau of Worker's Compensation ("OBWC") Drug-Free Workplace Program ("DFWP") or a comparable program approved by the OBWC.

**6. OHIO PREFERENCE**

In accordance with Ohio Revised Code §164.05 (A)(6), to the extent practicable, the Contractor and subcontractor shall use Ohio products, materials, services and labor in connection with this project.

**7. BID GUARANTY**

In accordance with Ohio Revised Code §153.54, the contractor shall file with the bid a bid guaranty in the form of either: 1) a bond for the full amount of the bid, or 2) a certified check, cashier's check, or letter of credit equal to 10% of the bid.

**8. OHIO ETHICS LAW**

Contractor agrees that it is currently in compliance and will continue to adhere to the requirements of Ohio Ethics law as provided by Section 102.03 and 102.04 of the Ohio Revised Code.

**9. STATE OF OHIO EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS**

**NOTICE TO CONTRACTORS:**

The provisions of the Ohio Administrative Code (OAC) 123:2-3-02 through 124:2-9 regarding Equal Employment Opportunity on State Construction Contracts and State-assisted Construction Contracts, and OAC 123:2-3-02 through 123:2-9 regarding Equal Employment Opportunity and Female Utilization Goals are applicable to this project, and each contractor will be required to comply in all aspects of these provisions.



**Bureau of Workers' Compensation**

30 W. Spring St.  
Columbus, OH 43215

### Certificate of Ohio Workers' Compensation

This certifies that the employer listed below participates in the Ohio State Insurance Fund as required by law. Therefore, the employer is entitled to the rights and benefits of the fund for the period specified. This certificate is only valid if premiums and assessments, including installments, are paid by the applicable due date. To verify coverage, visit [www.bwc.ohio.gov](http://www.bwc.ohio.gov), or call 1-800-644-6292.

This certificate must be conspicuously posted.

Policy number and employer  
00657994

Period Specified Below  
07/01/2022 to 07/01/2023

RIGHTER CO INC  
2424 HARRISON RD  
COLUMBUS OH 43204-3508



[www.bwc.ohio.gov](http://www.bwc.ohio.gov)  
Issued by: BWC

*Stephanie McCloud*

Administrator/CEO

You can reproduce this certificate as needed.

### Ohio Bureau of Workers' Compensation

#### Required Posting

Section 4123.54 of the Ohio Revised Code requires notice of rebuttable presumption. Rebuttable presumption means an employee may dispute or prove untrue the presumption (or belief) that alcohol, marihuana or a controlled substance not prescribed by the employee's physician is the proximate cause (main reason) of the work-related injury.

The burden of proof is on the employee to prove the presence of alcohol, marihuana or a controlled substance was not the proximate cause of the work-related injury. An employee who tests positive or refuses to submit to chemical testing may be disqualified for compensation and benefits under the Workers' Compensation Act.



**Bureau of Workers' Compensation**

You must post this language with the Certificate of Ohio Workers' Compensation.

## State construction contractor look-up

# Results

**Policy number**

657994-0

**Company name**

RIGHTER CO INC

**Construction contractor status**

APPROVED

**Construction contractor status date**

1/10/2003

**Note:** BWC has designed this database for those responsible for ensuring that a construction contractor or subcontractor has a drug-free program that complies with HB 80 for any State of Ohio public improvement project. A contractor, subcontractor or lower-tier subcontractor in an APPROVED status has agreed to implement or has implemented a BWC-approved drug-free program (Drug-Free Safety or comparable program) which makes the company compliant with the mandate of the Ohio legislature through HB 80. While state contracting authorities are expected to review this database for the most current information, you may print this as verification of your current status.



**CERTIFICATE OF COMPLIANCE FOR EEO PURPOSES:**

All prime contractors must secure a valid Certificate of Compliance from the Department of Administrative Services, Equal Opportunity Division, prior to execution of a construction contract.

See <http://www.das.ohio.gov/Divisions/EqualOpportunity/CertificateofCompliance/tabid/129/Default.aspx> for instructions for electronic filing.

>>> Does this bidder have a valid Certificate of Compliance?  Yes \_\_\_ No

>>> If "No" to the above, will this bidder be able to obtain a valid Certificate of Compliance prior to the execution of a contract? \_\_\_ Yes \_\_\_ No

**Bidder must provide a "Yes" answer to one or the other of the above questions.**

**BIDDER'S AFFIRMATIVE ACTION REQUIREMENTS:**

Each prime contract bidder must submit an affirmative action program regarding equal employment opportunity to and receive approval from the State Equal Employment Opportunity (EEO) Coordinator prior to the bid opening, **OR** the prime contract bidder must have evidence within its bid adoption of the minority and female utilization work hour utilization goals and the specific affirmative action steps set forth in 123:2-3 through 123:2-9 of the Ohio Administrative Code.

>>> Has the prime contract bidder prepared and submitted an Affirmative Action Program to the State Equal Employment Opportunity Coordinator and that program has been approved by the State Equal Employment Opportunity Coordinator prior to the bid opening ?  Yes \_\_\_ No

>>>If "no", with this bid response, the prime contract bidder hereby adopts the minority and female work hour utilization goals and the specific affirmative action steps set forth in 123:2-3 through 123:2-9 of the Ohio Administrative Code.

**BIDDER'S EEO COVENANTS:**

Throughout its performance of any contract awarded to it on this State-assisted project, the prime contract bidder agrees to the following covenants:

(1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, national origin, ancestry or sex. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, national origin, ancestry or sex. Such action shall include, but is not limited to, the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

(2) The contractor will in all solicitations or advertisements for employees placed by or on behalf of the prime contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, ancestry or sex.

(3) The contractor will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice to be provided by the State Administering Agency advising the said labor union or workers' representatives of the contractor's commitments under this covenant and shall post copies of the notice in conspicuous places available to employees and applicants for employment.



Department of  
Development

Mike DeWine, Governor  
Jon Husted, Lt. Governor

Lydia L. Mihalik, Director

05/10/2022

Tracy Ferguson  
The Righter Company, Inc.  
2424 Harrison Road  
Columbus, OH 43204

Subject: Certificate of Compliance Certification  
Status: **Conditional**  
Effective Dates: **05/10/2022** through **11/06/2022**

Dear Tracy Ferguson:

The Ohio Department of Development, Minority Business Development Division (MBDD) hereby issues The Righter Company, Inc. a Certificate of Compliance. The Certificate shall be in force for 180 days from the date of issuance.

Section 9.47 of the Revised Code requires MBDD to review affirmative action programs and plans of each company desiring to participate on state or state-assisted construction contracts and determine whether that company has violated any affirmative action programs and goals for which that company was obligated to meet during the preceding five years. Based on the above-referenced review, MBDD has found no such violation(s).

Please be advised that for The Righter Company, Inc. to maintain certification status, The Righter Company, Inc. must continue to ensure equal employment opportunities in accordance with applicable state and federal EEO laws, rules, regulations, guidelines, and meet those contractual obligations for which The Righter Company, Inc. has agreed.

Sincerely,

Monica L. Womack  
Interim Chief  
Minority Business Development Division



Department of  
Development

Mike DeWine, Governor  
Jon Husted, Lt. Governor

Lydia L. Mihalik, Director

01/20/2022

Michael Killilea  
The Righter Company, Inc.  
2424 Harrison Road  
Columbus, OH 43204

SUBJECT: Affirmative Action Program Verification (AAPV)  
Effective Dates: **01/20/2022** through **01/20/2023**

Dear Michael Killilea:

A business desiring to participate in the State of Ohio procurement process must demonstrate to the Ohio Department of Development, Minority Business Development Division (MBDD) that the company has complied with all applicable federal and state affirmative action programs for at least the last year.

After careful review of the provided affirmative action documentation, MBDD has determined that The Righter Company, Inc. satisfactorily meets the requirements set forth in Section 125.111(B) of the Ohio Revised Code as is required for participation in the State of Ohio procurement process. This letter shall serve as the State's official certification.

Please note that the MBDD may conduct an audit of The Righter Company, Inc. affirmative action program to determine the company's continued compliance with Section 125.111 of the Ohio Revised Code.

As the Affirmative Action Program Verification indicates, the State of Ohio values diversity among its business partners and their employees and hopes to see them grow and prosper. Consequently, MBDD was delighted to be able to assist your company by approving your affirmative action program efforts. If you need any assistance or have questions about the Affirmative Action Program Verification, its objectives, or its operation, please contact the MBDD at 614.466.8380

Sincerely,

Eric M. Seabrook  
Division Chief

77 South High Street  
Columbus, Ohio 43215 U.S.A.

614 | 466 3379  
800 | 848 1300  
[www.development.ohio.gov](http://www.development.ohio.gov)

The State of Ohio is an Equal Opportunity Employer and Provider of ADA Services

(4) The contractor will comply with all provisions of the Ohio Department of Administrative Services, Equal Opportunity Division and with the implementing rules, regulations and applicable orders of the State Equal Employment Opportunity Coordinator.

(5) The contractor agrees to fully cooperate with the State Administering Agency, the State Equal Employment Opportunity Coordinator and with any other official or agency, or the State or Federal government which seeks to eliminate unlawful employment discrimination, and with all other State and Federal efforts to assure equal employment practices under its contract and the contractor shall comply promptly with all requests and directions from the State Administering Agency, the State Equal Employment Opportunity Coordinator and any of the State of Ohio officials and agencies in this regard, both before and during construction.

(6) Full cooperation as expressed in clause (5), above, shall include, but not be limited to, being a witness and permitting employees to be witnesses and complainants in any proceeding involving questions of unlawful employment practices, furnishing all information and monthly utilization work hour reports required by the OAC 123: 2-9-01 and by the rules, regulations and orders of the State Equal Employment Opportunity Coordinator pursuant thereto, and permitting access to its books, records, and accounts by the State Administering Agency and the State Equal Employment Opportunity Coordinator for purposes of investigation to ascertain compliance with such rules, regulations and orders. Specifically, contractors will submit workforce utilization reports to the State Equal Opportunity Coordinator by the 10th of each month. The monthly reports must be electronically submitted through the following website: <http://das.ohio.gov/EOD/CCInputForm29.htm>

(7) In the event of the contractor's noncompliance with the nondiscrimination clauses of its contract or with any of the said rules, regulations, or orders, its contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further State Contracts or State-assisted Construction Contracts in accordance with procedures authorized in OAC 123:2-3 through 2-9 and such other sanctions may be instituted and remedies invoked, as provided in OAC 123:2-3 through 2-9 or by regulation, or order of the State Equal Employment Opportunity Coordinator, or as otherwise provided by law.

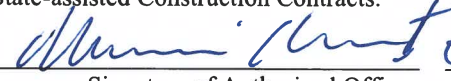
In the event that its contract is terminated for a material breach of OAC 123:2-3 through 2-9 the contractor shall become liable for any and all damages which shall accrue to the State Administering Agency and Applicant and the State of Ohio as a result of said breach.

(8) The contractor will require the inclusion of language reflecting these same eight covenants within every subcontract or purchase order it executes in the performance of its contract unless exempted by rules, regulations or orders of the State Equal Employment Opportunity Coordinator issued pursuant to O.A.C. 123:2-3-02 so that these provisions will be binding upon each subcontractor or vendor. The contractor will take such actions as the Administering Agency may direct as a means of enforcing such provisions, including sanctions for noncompliance; provided, however, that in any litigation with a subcontractor, vendor or other party as a result of such direction by the State Administering Agency, the contractor may be requested to protect the interests of the State.

>>>The prime contract bidder hereby adopts the foregoing covenants ?  Yes \_\_\_ No

**BIDDER'S CERTIFICATION:**

The undersigned, being a duly authorized officer of the prime contract bidder, does hereby certify to and agree with the foregoing statements and covenants regarding its subscription to the State's Equal Employment Opportunity Requirements for State-assisted Construction Contracts.

  
Signature of Authorized Officer 08/17/22 Date  
Michael D. Killilea, II  
President  
Title

**>>> PLEASE NOTE: Only a bidder possessing a valid certificate will be awarded a contract pursuant to Chapter 153 of the Revised Code by an owner referred to in section 153.01 of the Revised Code. Application shall be made at least ten working days prior to the date that the bidder expects to receive the certificate. The bidder's failure to elect one of the two Bidder's Affirmative Action Requirements, adopt the Bidder's EEO Covenants, and complete the foregoing certification may cause the bidder's proposal to be rejected as being non-responsive to the State's Equal Employment Opportunity Requirements and in non-compliance with the State Equal Employment Opportunity Bid Conditions. In addition, the bidder must, prior to the execution of a contract, submit to the local subdivision a valid Certificate of Compliance for Equal Employment Opportunity purposes.**

**"APPENDIX A" OF THE STATE EEO BID CONDITIONS**

**MINORITY MANPOWER UTILIZATION GOALS AND TIMETABLES**

The following minority goals listed are expressed in terms of percentages of work hours for each trade to be used by the contractor in a designated area. Designated areas are defined as Ohio's Standard Metropolitan Statistical Areas (SMSA). They are: Akron, Cincinnati, Cleveland, Columbus, Dayton, Toledo and Youngstown-Warren. In cases where the project is not located in a designated area, the contractor may adopt minority utilization goals of the near/nearest designated area.

	<b>AKRON</b>		<b>CINCINNATI</b>		<b>CLEVELAND</b>	
			<u>Trade</u>		<u>Trade</u>	
All Trades	10%		Asbestos Workers	9%	Asbestos Workers	17%
			Boilermakers	9 %	Boilermakers	10%
			Carpenters	10%	Carpenters	16%
			Elevator Constructors	11%	Electricians	20%
			Floor Layers	10%	Elevator Constructors	20%
			Glaziers	10%	Floor Layers	11%
			Lathers	10%	Glaziers	17%
			Marble, Tile, Terrazzo	8%	Ironworkers	13%
			Millwright	10%	Operating Engineers	17%
			Operating Engineers	11%	Painters	17%
			Painters	11%	Pipefitters	17%
			Pipefitters	11%	Plasterers	20%
			Plasterers	10%	Plumbers	17%
			Plumbers	11%	Roofers	17%
			Sheet Metal Workers	11%	Other Trades	17%
			Other Trades	11%		

## **"APPENDIX B" OF THE STATE EEO BID CONDITIONS**

### **SPECIFIC AFFIRMATIVE ACTION STEPS**

The following Affirmative Action steps are directed at increasing minority utilization:

(1) The contractor should maintain a file of the names and addresses of each minority and female referred to it by any individual or organization and what action was taken with respect to each such referred individual, and if the individual was not employed by the contractor, and the reasons therefore. If such individual was sent to the union hiring hall for referral and not referred back by the union or if referred back by the union or if referred, not employed by the contractor, the file should document this and the reason therefore.

**To Demonstrate Compliance:** Maintain a file of the names, addresses, telephone numbers, and craft of each minority and female applicant showing (a) the date of contact and whether the person was hired; if not, the reason, (b) if the person was sent to a union for referral, and the results (c) follow-up contacts when the contractor was hiring.

(2) The contractor should promptly notify the State Contracting Agency when the Union or Unions with which the contractor has collective bargaining agreements does not refer to the contractor a minority or female worker referred (to the union) by the contractor, or when the contractor has information that the union referral process has impeded efforts to meet its goals.

**To Demonstrate Compliance:** Have a copy of letters sent, or do not claim the union is impeding the contractors' efforts to comply.

(3) The contractor should disseminate its Equal Employment Opportunity policy within its organization by including it in any company newsletters and annual reports; by advertising at reasonable intervals in union publications; by posting of the policy; by specific review of the policy with minority and female employees; and by conducting staff meetings to explain and discuss the policy.

**To Demonstrate Compliance:** Have a written EEO policy which includes the name and how to contact the contractor's EEO Officer and (a) include the policy in any company policy manuals, (b) post a copy of the Policy on all company bulletin boards (in the office and on all job sites), (c) records, such as reports or diaries, etc., that each minority and female employee is aware of the Policy and that it has been discussed with them, (d) that the policy has been discussed regularly at staff meetings and (3) copies of newsletters and annual reports which include the Policy.

(4) The contractor should continually monitor all personnel activities to ensure that its EEO policy is being carried out, including the evaluation of minority and female employees for promotional opportunities on a quarterly basis and the encouragement of such employees to seek those opportunities.

**To Demonstrate Compliance:** Have records that the company EEO Officer reviews all: (a) monthly workforce reports, (b) hiring and terminations, (c) training provided on-the-job, (d) minority and female employees quarterly for promotion and encourages them to prepare for and seek promotion. The records should be the EEO Officer's job description, reports, memos, personnel files, etc., documenting the activities for possible discriminatory patterns.

(5) The contractor should disseminate its EEO policy externally by informing and discussing it with all recruiting sources; by advertising it in news media, specifically including minority and female news media; and by notifying and discussing it with all subcontractors.

**To Demonstrate Compliance:** Have copies of (a) letters sent, at least six months or at the start of each new major contract, to all recruiting sources (including labor unions) requiring compliance with the

Policy, (b) advertising, which has the EEO "tagline" on the bottom, and (c) purchase order and subcontract agreement forms will include or make reference to the State EEO Covenant, Appendix A or B of the Ohio Administrative Code 123:2-3-02.

(6) The contractor should make specific and reasonably recurrent oral and written recruitment efforts directed at minority and women's organizations, and training organizations with the contractor's recruitment area.

To Demonstrate Compliance: Have a record either in a follow-up file for each organization or on the reverse of the notification letter sent under Item 1, above, of the dates, individuals contacted and the results of the contract from telephone calls or personal meetings with the individuals or groups notified under Item 1.

(7) The contractor, where reasonable, should develop on-the-job training opportunities and participate and assist in all Department of Labor funded and/or approved training programs (including Apprenticeship) Programs relevant to the contractor's employee needs consistent with its obligations in the Bid Conditions.

To Demonstrate Compliance: Have records of contributions in cash, equipment supplied and/or contractor personnel provided as instructors for Bureau of Apprenticeship and Training approved or Department of Labor funded training programs and records of the hiring and training of minorities and females referred to Company by such programs.

(8) The contractor should solicit bids for subcontracts (and joint ventures) from available minority and female subcontractors engaged in the trades covered by the Bid Conditions, including circulation of minority and female contractors associations.

To Demonstrate Compliance: Have copies of letters or other direct solicitation of bids for subcontracts/joint ventures from minority/female contractors with a record of the specific response and any follow-up the contractor has done to obtain a price quotation or to assist a minority/female contractor in preparing or reducing a price quotation; have a list of all minority/female subcontracts awarded or joint ventures participated in with dollar amounts, etc.

#### **EXPLANATION OF AN ACCEPTABLE AFFIRMATIVE ACTION PROGRAM:**

An Affirmative Action Program is a set of specific and result-oriented procedures to which a Contractor shall apply every good faith effort. The objective of those procedures and efforts is to assure equal employment opportunity. An acceptable Affirmative Action Program will include an analysis of all trades employed by the Contractor within the last year with an explanation of whether Minorities are currently being under-utilized in any one or more trades. A necessary prerequisite to the development of a satisfactory Affirmative Action Program is the identification and analysis of problem areas inherent in Minority employment and an evaluation of opportunities for utilization of Minority group personnel.

#### **Part I - Basic Contents of an Affirmative Action Program:**

1. Development or reaffirmation of the contractor's EEO policy in all personnel actions.
2. Formal internal and external dissemination of contractor's EEO policy.
3. Establishment of responsibilities for implementation of the contractor's affirmative action program.
4. Identification of problem areas (deficiencies) by organizational units and job classification.



5. Establishment of goals and objectives by organizational units and job classification, including timetables for completion.
6. Development and execution of action oriented programs designed to eliminate problems and further designed to attain established goals and objectives.
7. Design and implementation of internal audit and reporting systems to measure effectiveness of the total programs.
8. Compliance of personnel policies and practices with Federal sex discrimination guidelines (41 CFR Part 60-20).
9. Active support of local and national community action programs and community service programs, designed to improve the employment opportunities of minorities.
10. Consideration of ethnic minorities and women not currently in the work force having requisite skills who can be recruited through affirmative action measures.
11. Summary data on applicant flow, hires, terminations and promotions, and training for the last twelve months or the last one hundred applicants, hires, etc., whichever is less.

#### Part II - Analysis of Individual Trades

1. The minority population of the labor area surrounding (contractor's) projects.
2. The size of the minority unemployment force in the labor area surrounding (the contractor's) projects.
3. The percentage of minority work force as compared with the total work force in the immediate labor area.
4. The general availability of minorities having requisite skills in the immediate labor area.
5. The availability of minorities having requisite skills in the area in which the contractor can reasonably recruit.
6. The availability of promotable minority employees within the contractor's organization.
7. The anticipated expansion, contraction, and turnover of an in the work force.
8. The existence of training institutions capable of training minorities in the requisite skills.
9. The degree of training which the contractor is reasonably able to undertake as a means of making all job classes available to minorities.

Goals, timetables and affirmative action commitments must be designed to correct any identifiable deficiencies. Where deficiencies exist and where numbers or percentages are relevant in developing corrective action, the contractor shall establish and set forth specific goals and timetables. Such goals and timetables, with supporting data and the analysis thereof shall be a part of the contractor's written affirmative action program. Where the contractor has not established a goal, its written affirmative action program must specifically analyze each of the factors listed above, and must detail its reason for a lack of a goal. The goals and timetables should be attainable in terms of the contractor's analysis of its deficiencies and its entire action. Thus, in establishing its goals and timetables, the contractor should consider the results which could be reasonably expected from its good faith efforts to make its overall affirmative action program work. If the contractor does not meet its goals and timetables, the

contractor's good faith efforts shall be judged as to whether the contractor is following its program and attempting to make the program work toward the attainment of its goals.

Support data for the above analysis and program shall be compiled and maintained as part of the contractor's affirmative action program. This data should include applicant flow data and applicant rejection ratios indicating minority status.

Compliance Status: No State Contractor's compliance status shall be judged alone by whether or not he reaches his goals and meets his timetables. Rather each Contractor's compliance posture shall be reviewed and determined by reviewing the contents of his program, the extent of his adherence to his program and his good faith efforts to make his program work toward the realization of the program's goals within the timetables set for completion.

### **"APPENDIX C" OF THE STATE EEO BID CONDITIONS**

#### **FEMALE UTILIZATION GOALS**

OAC 123:2-3-05 Required utilization analysis and goals

(A) Each state-involved contractor shall include in his/her affirmative action program the information and analysis required pursuant to part IV 401-C of appendix A of rule 123:2-1-01 of the Administrative Code, in addition to female utilization requirements pursuant to the governor's "Executive Order 84-9" and this rule.

(B) As required by the governor's "Executive Order 84-9", the utilization of women shall be, at a minimum, that currently in use by the federal government as of February 15, 1984. This requirement stated at C.F.R. part 60-4 is 6.9 percent utilization of women. This requirement shall remain at 6.9 percent unless further amended by the governor in a subsequent order. This requirement shall be met by a determination of work hours utilized in the same manner as minority utilization hours are calculated.