



## DEERFIELD TOWNSHIP 2024 Streetscape Improvement Project

| Page                |   |
|---------------------|---|
| <b>2</b>            | <b>LEGAL AD</b>   |
| <b>3-5</b>          | <b>BID OPENING INFORMATION</b>                            |
| <b>6-13</b>         | <b>GENERAL SPECIFICATIONS</b>                             |
| <b>14-15</b>        | <b>NON COLLUSION AFFIDAVIT</b>                            |
| <b>16-17</b>        | <b>BONDING &amp; INSURANCE REQUIREMENTS</b>               |
| <b>18-19</b>        | <b>BID GUARANTY AND CONTRACT BOND</b>                     |
| <b>20</b>           | <b>EXPERIENCE STATEMENT</b>                               |
| <b>21-23</b>        | <b>CONTRACT</b>   |
| <b>24-26</b>        | <b>E.E.O. REQUIREMENTS</b>                                |
| <b>27</b>           | <b>DELINQUENT PROPERTY TAX</b>                            |
| <b>28</b>           | <b>CORRECTION PERIOD</b>                                  |
| <b>29</b>           | <b>RELEASE OF LIEN</b>                                    |
| <b>30</b>           | <b>CERTIFICATION OF LAW DIRECTOR AND FISCAL OFFICER</b>   |
| <b>31</b>           | <b>CERTIFICATE OF COMPLIANCE</b>                          |
| <b>32</b>           | <b>BIDDER INFORMATION</b>                                 |
| <b>33-34</b>        | <b>BID PROPOSAL</b>                                       |
| <b>35</b>           | <b>BID FORM</b>   |
| <b>Attachment 1</b> | <b>TECHNICAL SPECIFICATIONS</b>                           |
| <b>Attachment 2</b> | <b>PREVAILING WAGE INFO &amp; AFFIDAVIT OF COMPLIANCE</b> |
| <b>Attachment 3</b> | <b>CONSTRUCTION DRAWINGS - PLANS</b>                      |
|                     |   |





**LEGAL AD**  
**2024-07 Streetscape Improvement Project – Phase II**

Notice is hereby given that sealed bids will be received at the administration office of Deerfield Township, 4900 Parkway Drive, Suite 150 Mason, Ohio 45040, until **September 3, 2025**, at 1:00 PM. At said time, bids will be opened and read aloud for:

**2024-07 Streetscape Improvement Project – Phase II**

This will be according to specifications on file with the Board of Trustees and is a Prevailing Wage project.

Starting August 18, 2025, copies of the Bidding Documents may be picked up at:

Deerfield Township Administration Office  
4900 Parkway Dr. Suite 150  
Mason, Ohio 45040

The Deerfield Township Trustees reserve the right to accept the lowest and best bid, to reject any and all bids, and to waive any irregularities in bids, which do not impair the bidding process. The Deerfield Township Trustees also reserve the right to conduct all necessary inquiries and investigations in determining the lowest responsible bidder.

By order of the Board of Trustees of Deerfield Township, Warren County, Ohio.

Eric Reiners, Administrator  
Deerfield Township

To be published on the Deerfield Township Website and Social Media page on August 18, 2025.



**DEERFIELD TOWNSHIP  
WARREN COUNTY, OHIO**

**BID OPENING INFORMATION**

Sealed bids shall be received at the Township of Deerfield until 1:00 PM. local time, on September 3, 2025, at which time they will be opened and read aloud.

4900 Parkway Drive  
Suite 150  
Mason, Ohio 45040

All proposals shall be labeled:

**2024-07 Streetscape Improvement Project – Phase II**



## BID REQUIREMENTS

The successful bidder is required to submit proof of current coverage under Ohio Workman's Compensation Laws, Comprehensive Public Liability Insurance policy in an amount not less than \$500,000 for injuries, including accidental death to any one person, and \$1,000,000 on account of any one accident of claim, property damage insurance in an amount not less than \$100,000. All wages shall follow the prevailing wage guideline as set forth in Sections 4115.03 through 4115.16 of the Ohio Revised Code.

All bids shall be sealed and marked, **2024-07 Streetscape Improvement Project – Phase II** and mailed or delivered to the Deerfield Township Administrative Office, 4900 Parkway Drive, Suite 150, Mason, Ohio 45040, **on or before September 3, 2025.** at which time they will be opened and made public.

The Deerfield Township Trustees will require unit price bidding for the construction described in the specifications. These unit prices shall be extended by estimated quantities to develop a total price for the project.

The Deerfield Township Trustees reserve the right to accept the lowest responsible bid, to reject any and all bids, and to waive any irregularities in bids, which do not impair the bidding process. The Deerfield Township Trustees also reserve the right to conduct all necessary inquiries and investigations in determining the lowest and best responsible bidder.



## INFORMATION REGARDING BIDS

Bidders may bid on the **2024-07 Streetscape Improvement Project – Phase II**. Bids will be accepted only on forms available from the Deerfield Township.

Bidders shall make a visual inspection and take all the necessary measurements of the work to be performed and shall submit written certification with their proposal that such inspection has been made.

The successful bidder must have proof of liability in an amount satisfactory to the township to protect the contractor and the township against any personal and property damages.

The successful bidder must supply all materials, equipment, utilities, and labor to perform all work associated with this project.

The successful bidder shall have a pre-construction meeting with the project superintendent or representative from their company and the Township Public Works Director and Project Coordinator within ten (10) days from the awarding of the contract.

Information and specifications are available from

Deerfield Township Admin Building  
4900 Parkway Dr. Suite 150  
Mason, Ohio

**Prevailing wage** is to be paid on this project. It is the contractor's responsibility to ensure that current prevailing wage rates are paid during this project. The contractor is responsible for submitting certified payroll reports to Deerfield Township throughout this project.



**GENERAL SPECIFICATIONS  
FOR  
2024-07 Streetscape Improvement Project – Phase II  
DEERFIELD TOWNSHIP, WARREN COUNTY, OHIO**

**GENERAL**

The performance of all work under this contract shall include the furnishing of all labor, materials, equipment, and tools for various phases of the Landscape Improvement Project.

The bidder is cautioned to familiarize himself with the Specifications to make a thorough examination of the conditions and to especially note the extent of work required in this contract.

Bidders are required to use the bid form furnished by the Township without alterations in submitting their bids. The Township reserves the right to reject any and/or all bids.

The current "State of Ohio Department of Transportation Construction and Materials Specifications" and Deerfield Township Standards and Specifications, are hereby made a part of these specifications and shall govern unless otherwise specified under the separate items herein or by notes shown, indicated, or referred to on the plans.

**\* DEFINITIONS AND TERMS**

**THE TOWNSHIP**

The term "Township" is used herein shall be held to mean the Township of Deerfield, Warren County, Ohio, as represented by its duly authorized officers or agents.

**THE CONTRACTOR**

The term "Contractor" as used herein shall be held to mean the firm, corporation, company or individual contracting with the Township to do the work in the manner called for by these specifications.

**THE OWNER**

The term "Owner" as used herein shall be held to mean the Agent of Deerfield Township or his duly authorized representative.



## **GUARANTEE**

The Contractor guarantees all plant material and workmanship for a period of one (1) year from the date of final acceptance of the project.

**Plant Material:** All trees, shrubs, and perennials are guaranteed to be healthy and true to name. Any plant that dies or is found to be in a severely declined condition during the guarantee period shall be replaced by the Contractor at their own expense. Replacement planting shall be performed at the next appropriate planting season.

**Lawn and Seeded Areas:** All newly seeded or sodded lawn areas are guaranteed to show uniform germination and establishment. The Contractor shall be responsible for reseeding or repairing any bare or sparsely covered areas that are not the result of neglect, vandalism, or extreme weather conditions.

**Hardscapes:** All hardscape elements, including patios, walkways, and retaining walls, are guaranteed against defects in workmanship, such as settlement, cracking, or instability, for a period of one (1) year. The Contractor will re-install or replace any defective sections to meet the original project specifications at no additional cost.

**Conditions:** The property owner is responsible for routine maintenance, including watering, fertilizing, and pest control, upon project completion.

## **DISPOSITION OF MATERIALS**

On a day-by-day basis, all removed debris and excess materials must be removed at the Contractor's expense and responsibility.

## **REPLACEMENT OR CORRECTION OF WORK**

The Contractor shall, upon receipt of notice from the Township, if any work, or part thereof, fails to conform to the Contract, promptly replace or correct (whichever the Township shall require) such work, or such party, so as to conform to Contract. The Contractor shall do so at his own expense and shall also bear expenses incident to such replacement or corrective work, including costs of transportation, removal of work, and replacement of repairs to and alterations in the work of other Contractors necessitated by the first mentioned replacement or corrective work.

If the Contractor is unable to fulfill the conditions of the Contract by replacing or correcting the work, he shall promptly and at his own expense, on request by the Township or the Owner, remove the affected work in its entirety, as a partial discharge of his liability for such inability.

## **PROTECTION OF WORK AND PROPERTY**

The Contractor shall continuously maintain adequate protection of all his work from damage and shall protect the Township's property from injury arising in connection with this Contract. He shall make good and hold the Township harmless from any such damage or injury. He shall adequately protect adjacent property as provided by law and this Contract and shall be held liable for all damages because of neglect to provide safeguards around all pits, openings, and



excavations. The contractor shall provide and maintain all passageways, guard fences, lights, and other facilities for protection required by public authority or local conditions.

The Contractor shall replace or restore any tree, sprinkler head or any part of the irrigation system damaged during construction; this includes but is not limited to any fence or other structure damaged or destroyed and not required to be permanently removed under the provisions of this Contract.

**PROTECTION**

The Contractor shall erect and maintain sufficient guard rails, lights, barriers, barrels, etc. for the protection of the public and his employees until completion of this project.

**INSURANCE**

The Contractor shall obtain, at his own expense and cost, insurance as set forth below:

Before any work embodied in the Contract will be permitted or performed, the Contractor shall furnish two copies of the certificate of insurance as evidence that he has procured Public Liability and Property Damage Insurance, which shall protect him and his sub-contractors from all claims for damages for personal injuries, including accidental death, and which shall protect them from claims for property damages which may arise from their operations under the Contract.

The Contractor shall maintain such insurance coverage in not less than the following amounts:

|  |                |
|--|----------------|
| Public Liability and Contingent Public Liability |                |
| For one person.....                              | \$1,000,000.00 |
| For one accident.....                            | \$1,500,000.00 |
| Property Damage and Contingent Property Damage   |                |
| For one person.....                              | \$1,000,000.00 |
| For one accident.....                            | \$1,500,000.00 |

All of the insurance referred to above shall be subject to the approval of the Township, and shall be kept in full force and effect until the work is accepted by the Township. The Contractor shall hold the Township harmless against all actions, claims, or demands for damages of any kind or character whatsoever, which are caused by or resulting from the default, carelessness, or neglect of the Contractor, his agent, employees or workmen in the prosecution of the work.

**LIENS**

The Contractor shall deliver to the Township the work complete free from liens, claims or encumbrances for materials or labor used in the work. If any Contractor, subcontractor of any tier, material supplier, laborer, or other person performing services or providing labor or



materials under the Contractor files a lien claim against the Project site or against public funds, and such lien claim does not result from the Owner's failure to make payment when due or other default by the Owner under this Agreement, then the Contractor shall settle or bond such lien claim within forty-five (45) days after Contractor acquires notice or knowledge of the lien. All expenses incurred by the Contractor in bonding, defending against, paying, or settling any such lien claim shall be borne by the Contractor.

## **BOND**

All bidders will be required to supply a bid guarantee and contract bond in the amount of the total bid of the project with their bid to assure that if the bid is accepted a contract will be entered into within thirty (30) days of receipt of bid.

## **PROGRESS PAYMENTS**

Monthly progress payments shall be made in which there will be retained (8%) eight percent of each monthly estimate up to the completion of (50%) fifty percent of the contract amount. Monthly progress payments after that time will be made in full with no additional retainer being withheld. Upon final acceptance of all work, the retainer being withheld shall be released with the final payment. Any retainer being withheld will not be deposited in a savings or escrow account.

An affidavit of original or sub-contractors including all material, equipment suppliers, and all labor showing that each has been paid or is due to be paid shall be notarized and submitted to the Township with each progress payment. No progress payment will be certified without the said affidavit.

## **SCOPE OF WORK**

The successful contractor shall provide all tools, equipment, labor, and materials necessary for the **2024-07 Streetscape Improvement Project – Phase II**, including all necessary work incidental thereto.

**BIDDER'S ABILITY TO COMPLETE THE CONTRACT WORK:** The bidder is advised; that the Township may, prior to the award of this Contract, require the Bidder to submit information verifying that he will be able to complete the work on or before the completion date indicated herein. Such information may include data indicating the Bidder's current and anticipated workload during the life of this Contract, the number and skills of personnel available to perform this work, the type and amount of equipment he has available or can obtain for this work, or any other information necessary to prove the Bidder's capabilities in this regard to the Township's satisfaction. This information may be used in determining the lowest and best bid.



**CONSTRUCTION SEQUENCE:** The prosecution and progress of the Work shall be in accordance with ODOT Spec. 108.03. Deerfield Township reserves the right to determine the sequence of the streets that are to be resurfaced. Deerfield Township also has the right to adjust the paving sequence with no additional mobilization charges. Deerfield Township reserves the right to adjust, change, or withdraw all or part of the estimated quantities with no penalty or unit price change to the contract.

In addition to the progress schedule submitted as required in ODOT Spec. Section 108.02, the Contractor shall provide weekly updated progress reports. Changes in the work affecting the time of completion shall require the submission of a revised progress schedule.

At a mutually convenient location and time as determined by the Township, the contractor shall meet with the Project Coordinator to discuss construction activities. Weekly meetings will be held until the project has settled into a routine then meetings can be held on a biweekly or monthly basis.

**INSPECTION OF WORK:** Before any work is started the contractor must contact the Township for inspection of work. Any work done without Township approval or inspection will not be accepted or paid for.

**OSHA SAFETY REGULATIONS:** In addition to the requirements of ODOT Spec. 107.07, the Contractor shall comply with the construction safety requirements of the Occupational Safety and Health Act.

The Contractor is responsible for holding safety meetings with all employees on a regular basis and providing the Township with a copy of the meeting minutes if requested.

**MATERIALS AND WORKMANSHIP:** Unless otherwise specified, all materials shall be new and both workmanship and materials shall be of the first quality, proper, and sufficient for the purpose contemplated. The Contractor shall furnish if so required, satisfactory evidence as to the kind and quality of materials and workmanship.

All items of equipment and/or materials proposed for substitution must be approved by the Township in writing and shall be equal or superior to the items specified in the Contract Documents. If said substitution proposed by the Contractor for a specified item requires engineering revisions, the expense of such revision shall be paid for by the Contractor at no additional cost to the Township.



***ANY ITEMS REQUIRED, INCLUDING LABOR, EQUIPMENT, AND/OR MATERIALS BUT NOT SHOWN AS SEPARATE PAY ITEMS IN THE PROPOSAL, SHALL BE FURNISHED AND INSTALLED AS INCIDENTAL TO THE CONTRACT, EXCEPT AS NOTED IN THE SPECIFICATIONS. THIS PROVISION WILL REMAIN EFFECTIVE IN THE EVENT THAT THE TOWNSHIP OMITTED ITEMS ON THE BID TABS THAT ARE NECESSARY IN ORDER TO COMPLETE THE PROJECT AND REGARDLESS OF THE TOTAL COST OF THESE ITEMS. THE CONTRACTOR WILL NOT BE ISSUED A CHANGE ORDER OR PAID FOR THESE OMITTED ITEMS.***

The quantities shown are based on estimated field data. Actual quantities will be based on calculated field measurements and/or accepted receipts (material tickets).

***DEERFIELD TOWNSHIP RESERVES THE RIGHT TO ADD OR DELETE WORK (QUANTITIES) IF SO DESIRED***

**RESPONSIBILITY:** It shall be the responsibility of the Contractor to perform his work in such a manner as not to damage or destroy any existing facilities. If any such damage does occur due to the Contractor's operations, he shall replace the damaged portion at his expense.

**SITE CONDITIONS:** Prior to bidding, the Contractor shall make a thorough review of the site and note pertinent bidding information as well as verify the Contract Documents as to their accuracy and completeness and record all pertinent information. The Contractor should anticipate wet weather and wet site conditions and make provisions accordingly to ensure completing the project on time.

**USE OF PREMISES:** The Contractor shall confine his equipment, tools, the storing of materials, and the operations of his workmen within the right-of-way and/or work limits as approved by the Township. It is emphasized that damage to vegetation, especially trees, shall be held to an absolute minimum.

**SANITARY SEWER FACILITIES:** Any work in conjunction with existing/proposed sanitary sewer facilities shall be in accordance with the rules and regulations of the Warren County Sewer and Water Department. The Contractor shall contact the County, at least 48 hours in advance of any work to be performed.

**OTHER PUBLIC UTILITIES:** The Contractor shall contact the proper Utility Company, at least 48 hours in advance of any work in the vicinity of underground and/or overhead lines. Field location by the Ohio Utilities Protection Service (OUPS) 1-800-362-2764, shall be made before any work by the Contractor.



**RESTORATION:** All areas affected by the Contractor's operations, shall be restored to their original condition within 72 hours of the completion of work causing restoration. The entrance to all construction sites shall be restored to the satisfaction of the Township and property owner.

Any items disturbed by the Contractor, but not shown or called out under these Specifications, shall be repaired or replaced in kind, as directed by the Township.

Cost for all labor, materials, and equipment necessary to complete the above work, shall be included with the pertinent Contract items and not a separate pay item.

**NOTIFICATION OF PROPERTY OWNERS:** The Contractor shall notify property owners affected by construction activities at least 48 hrs. before the work begins. The property owner shall be told when and how long the work will take. If needed, **all streets in Deerfield Township shall be posted with No Parking signs at least 48 hours in advance.**

**RIGHT-OF-WAY, EASEMENTS, TRESPASSING, AND ADJACENT PROPERTIES:** The Contractor shall perform all work within the limits of the existing right-of-way, and any additional right-of-way or easements which have been acquired specifically for this project as shown on the construction plans. Deerfield Township shall be held harmless and without any liability, if the Contractor or any of its representatives enter private property outside of the easement(s) provided. The Contractor is advised to stake the easements.

The Contractor shall not cross the boundary line(s) of the temporary easements and/or permanent Right-of-Way as shown on the plans. The Contractor shall not enter private property outside of the easements provided even if invited by the property owners. The Contractor and all of his representatives shall be polite, courteous, and friendly to all adjacent property owners at all times. The contractor shall respond in a timely manner to problems/complaints made by adjacent property owners such as mail delivery, trash pickup, access to driveways, debris, etc.



**FINAL INSPECTION:** When the Work has been entirely completed and the final cleaning-up has been performed, the Township will inspect the improvement. If items remain that must be completed or remedied by the Contractor, he shall perform the work immediately upon being notified by the Township. When such items have been corrected by the Contractor, a final inspection will be made. The work must pass a final inspection before it will be accepted by the Owner.

**ACCEPTANCE AND FINAL PAYMENT:** After the final inspection has been made and the work has been approved by the Township, the final estimate and Final Statement of Cost will be prepared. If any items were erroneously overestimated in any partial estimate, such errors will be corrected in any subsequent partial estimate or in the final estimate, and the Contractor shall have no right to any such excess and shall not be entitled to any damage on account of such corrections in the final estimate.

The Owner reserves the right to demand from the Contractor the affidavit required in the Ohio Mechanics Lien Law before payment of the final estimate.

After the final estimate and Final Statement of Cost have been prepared and after the Contractor has fulfilled all of his obligations under the Contract, the Owner will pay the entire sum found to be due the Contractor after deducting all previous payments.

The date of acceptance of the work by the Owner shall be the date of approval of the Final Statement of Cost. This date will also begin the one-year warranty period for the entire project.



# NON-COLLUSION AFFIDAVIT

STATE OF \_\_\_\_\_

SS:

COUNTY OF \_\_\_\_\_

\_\_\_\_\_, being first and duly sworn,

deposes and says he is \_\_\_\_\_  
(sole owner, partner, president, sec., etc.)

of \_\_\_\_\_, the party making the foregoing proposal or bid; that such bid is genuine and not collusive of sham; that said bidder has not colluded, conspired, connived, or agreed, directly or indirectly, with any bidder or person, to put in a sham bid, or that such other person shall refrain from bidding, and has not in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference, with any person, to fix the bid price of affiant or any other bidder, or to fix any overhead, profit or cost element of said bid price, or of that of any other bidder, or to secure any advantage against \_\_\_\_\_ or person or persons interested in the proposed contract; and that all statements contained in said proposal or bid are true; and further, that such bidder has not, directly or indirectly, submitted this bid, or the contents thereof, or divulged information or data relative thereto any association or to any member of agent thereof.

\_\_\_\_\_  
Affiant

Sworn to and subscribed before me this \_\_\_\_ day of \_\_\_\_\_, 202\_\_.

\_\_\_\_\_  
Notary Public in and for

\_\_\_\_\_ County, Ohio

My commission expires:

\_\_\_\_\_



## BONDING AND INSURANCE REQUIREMENTS

A state or local unit of government receiving a grant from the federal government that requires contracting for the construction of facility improvement shall follow its own requirements relating to bid guarantees, performance bonds, and payment bonds, except for contracts or subcontracts exceeding \$100,000. For contracts or subcontracts exceeding \$100,000, the Federal agency may accept the bonding policy and requirements of the grantee provided the Federal agency has made a determination that the Government's interest is adequately protected. If such a determination has not been made, the minimum requirements shall be as follows:

- a. **A bid guaranty from each bidder.** The "bid guaranty" shall consist of a firm commitment such as a bid bond in the amount of one hundred (100) percent of the bid price, or ten (10) percent of the bid price if certified check or other negotiable instrument accompanying a bid, as assurance the bidder will, upon acceptance of his/her bid, execute such contractual documents as may be required within the time specified.
- b. **A performance bond on the part of the Contractor for 100 percent of the contract price.** A "performance bond" is one executed in connection with a contract to secure fulfillment of all the contractor's obligations under such contract.



## PERFORMANCE BOND

**KNOW ALL MEN BY THESE PRESENTS:** that

\_\_\_\_\_  
(Name of Contractor)

\_\_\_\_\_  
(Address of Contractor)

a \_\_\_\_\_, hereinafter called  
(Corporation, Partnership or Individual)

Principal, and

\_\_\_\_\_  
(Name of Surety)

\_\_\_\_\_  
(Address of Surety)

hereinafter called Surety, are held and firmly bound unto

Deerfield Township, Board of Trustees  
4900 Parkway Dr. Suite 150  
Mason, Ohio 45040

hereinafter called OWNER, in the penal sum of \_\_\_\_\_ Dollars, \$(\_\_\_\_\_) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

**THE CONDITION OF THIS OBLIGATION** is such that whereas, the Principal entered into a certain contract with the OWNER, dated the \_\_\_\_\_ day of \_\_\_\_\_, 202\_\_, a copy of which is hereto attached and made a part hereof for the construction of:

**NOW, THEREFORE,** if the Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said contract during the original term thereof, and any extensions thereof which may be granted by the OWNER, with or without notice to the Surety and during the guaranty period(s), and if he/she shall satisfy all claims and demands incurred under such contract, and shall fully indemnify and save harmless the OWNER from all costs and damages which it may suffer by reason of failure to do so, and shall reimburse and repay the OWNER all outlay and expense which the OWNER may incur in making good any default, then this obligation shall be void; otherwise to remain in full force and effect.



**PROVIDED, FURTHER**, that the said surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition of the terms of the contract or the WORK to be performed hereunder or the SPECIFICATIONS accompanying the same shall in any way affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the WORK or to the SPECIFICATIONS.

**PROVIDED, FURTHER**, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

**IN WITNESS WHEREOF**, this instrument is executed in counterparts, each one of which shall be deemed an original, this the \_\_\_\_\_ day of \_\_\_\_\_ 202\_\_.

ATTEST:

\_\_\_\_\_  
(Principal)

\_\_\_\_\_  
(SEAL)

By \_\_\_\_\_

\_\_\_\_\_  
ATTEST:

\_\_\_\_\_  
(SEAL)

\_\_\_\_\_  
(Surety)



**BID GUARANTY AND CONTRACT BOND**

**KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned,**

\_\_\_\_\_  
as (Insert full name or legal title of Contractor and Address) Principal and

\_\_\_\_\_  
(Insert full name or legal title of Surety)  
as Surety, are hereby held and firmly bound unto the Deerfield Township Board of Trustees hereinafter called the Obligee, in the penal sum of the dollar amount of the bid submitted by the Principal to the Obligee on \_\_\_\_\_ to undertake the project known as:

**2024-07 Streetscape Improvement Project – Phase II**

The penal sum referred to herein shall be the dollar amount of the Principal's bid to the Obligee, incorporating any additive or deductive alternate proposals 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 this item is left blank, the penal sum will be the full amount of the Principal's bid, including alternates. Alternatively, if completed, the amount stated must not be less than the full amount of the bid, including 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.

**THE CONDITION OF THE ABOVE OBLIGATION IS SUCH,** that whereas the above-named Principal has submitted a bid on the above referred-to project;

**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 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 project for bidding, the Principal will pay the Obligee the difference not to exceed ten percent 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 within TEN 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; and



**IF THE SAID PRINCIPAL SHALL** well and faithfully perform each and every condition of such contract; and indemnify the Obligees against all damage suffered by failure to perform such contract according to the provisions thereof and in accordance with the plans, details, specifications, and bills of material therefore; 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 benefit of any materialman or laborer having a just claim, as well as for the Obligees herein; **THEN THIS OBLIGATION SHALL** be void; otherwise the same shall remain in full force and effect; 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 said contract or in or to the plans and specifications therefor shall in any wise affect the obligations of said surety on its bond, and it 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 \_\_\_\_\_ day of \_\_\_\_\_ 202\_\_.

\_\_\_\_\_  
PRINCIPAL

\_\_\_\_\_  
SURETY

By: \_\_\_\_\_ By: \_\_\_\_\_

Attorney-in-fact

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

Surety Agent's Name and Address:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



## EXPERIENCE STATEMENT

The Bidder is required to state in detail in the space provided below, what work he/she has done of a character similar to that included in the proposed contract, to give references and such other detailed information as will enable the Owner to judge of his/her responsibility, experience, skill and financial standing. Among other things, this statement shall include the following:

A record of similar work performed and evidence to the effect:

- (1) That the Bidder maintains a permanent place of business;
- (2) Has adequate facilities and equipment available for the work under the proposed contract.
- (3) That the Bidder has suitable financial means to meet obligations incidental to the work;
- (4) That the Bidder has appropriate technical experience and possesses sufficient skill and experience.

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## CONTRACT

**THIS AGREEMENT**, made this \_\_\_\_\_, with the Deerfield Township Trustees, 4900 Parkway Dr. Suite 150 Mason, Ohio 45040, hereinafter called Owner and \_\_\_\_\_ doing business as a corporation hereinafter called Contractor.

**WITNESSETH**; that for and in consideration of the payments and agreements hereinafter mentioned, to be made and performed by the Owner, the Contractor hereby agrees with the Owner to commence and complete the construction described as follows:

### **2024-07 Streetscape Improvement Project – Phase II**

Hereinafter called the project, for the sum of \_\_\_\_\_ and all work in connection therewith, under the terms as stated in the conditions of the Contract; and at its own cost and expense furnish all the materials, supplied, machinery, equipment, tools, labor insurance, and other, accessories and services necessary to complete the said project in accordance with the conditions and prices stated in the Proposal, Conditions of the Contract, the Specifications and Contract Documents. Contract Documents means and includes the following:

- A) Legal AD
- B) Bid Opening Information
- C) General Specifications
- D) Non Collusion Affidavit
- E) Bonding and Insurance Requirements
- F) Bid Guaranty and Contract Bond
- G) Experience Statement
- H) Contract
- I) E.E.O. Requirements
- J) Delinquent Property Tax
- K) Correction Period
- L) Release of Lien
- M) Certificate of Law Director and Fiscal Officer
- N) Certificate of Compliance
- O) Bidders Information
- P) Bid Proposal
- Q) Bid Form
- R) Technical Specifications
- S) Prevailing Wage Info and Affidavit of Compliance
- T) Construction Drawing Set



The CONTRACTOR hereby agrees to commence work under this contract on or before a date to be specified in a Written Notice to Proceed of the OWNER and to have the project completed and functioning on or before **December 12, 2025**.

The Contractor also agrees to pay as liquidated damages to Deerfield Township, the sum of \$1,000.00 for each consecutive calendar day for not completing the project before or by **December 12, 2025**.

This Agreement may be terminated by either party upon written notice in the event of substantial failure by the other party to perform in accordance with the terms of this Agreement. The nonperforming party shall have fifteen calendar days from the date of the termination notice to cure or to submit a plan for cure acceptable to the other party.

OWNER may terminate or suspend performance of this Agreement for OWNER'S convenience upon written notice to CONTRACTOR. CONTRACTOR shall terminate or suspend performance of the services/work on a schedule acceptable to OWNER.

The CONTRACTOR will indemnify and save the OWNER, their officers and employees, harmless from loss, expenses, costs, reasonable attorneys fees, litigation expenses, suits at law or in equity, causes of action, actions, damages, and obligations arising from (a) negligent, reckless or willful and wanton acts, errors or omissions by CONTRACTOR, its agents, employees, licensees, consultants or subconsultants; (b) the failure of the CONTRACTOR, its agents, employees, licensees, consultants or subconsultants to observe the applicable standard of care providing services pursuant to this agreement; (c) the intentional misconduct of the CONTRACTOR, its agents, employees, licensees, consultants or subconsultants that result in injury to persons or damage to property for which the OWNER may be held legally liable.

The CONTRACTOR does hereby agree to indemnify and hold the OWNER harmless for any and all sums for which the OWNER may be required to pay or for which the OWNER may be held responsible for failure of the CONTRACTOR or any subcontractor to pay the prevailing wage upon this project.

Contractor shall bind every subcontractor to, and every subcontractor must agree to be bound by the terms of, this Agreement, as far as applicable to the subcontractor's work particularly pertaining to Prevailing Wages and EEO requirements. Nothing contained in this Agreement shall create any contractual relationship between any subcontractor and Owner, nor create any obligations on the part of the Owner to pay or see to the payment of any sums to any subcontractor.



**IN WITNESS WHEREOF**, the parties hereto have executed, or caused to be executed by their duly authorized officials, this agreement in two counterparts, each of which shall be deemed an original on the date first above written.

**THE BOARD OF TOWNSHIP TRUSTEES  
DEERFIELD TOWNSHIP, OHIO**

**By:** \_\_\_\_\_  
Eric Reiners, Administrator

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

**Contractor:**

\_\_\_\_\_  
Name / Title

Sign \_\_\_\_\_

\_\_\_\_\_  
Company

Date \_\_\_\_\_

\_\_\_\_\_  
Address



**EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS  
AND BID CONDITIONS FOR  
DEERFIELD TOWNSHIP CONSTRUCTION PROJECTS**

**CERTIFICATE OF COMPLIANCE FOR EEO PURPOSES:** (This section applies only to projects that are funded with Federal and State monies)

All bidders on the project **shall** submit together with their bid, a copy of a valid Certificate of Compliance for Equal Employment Opportunity purposes contained herein.

A copy of the Certificate of Compliance is enclosed with this bid response? ☐ Yes ☐ No

**BIDDER'S EEO COVENANTS:**

Throughout its performance of any contract awarded to it on this project, the 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 agrees to fully cooperate with Deerfield Township, the County, and 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 ensure equal employment practices under its contract and the contractor shall comply promptly with all requests and directions from Deerfield Township, the County, the State Equal Opportunity Coordinator, and any of the State of Ohio officials and agencies in this regard, both before and during construction.
4. Full cooperation as expressed in clause (3), above, shall include, but not be limited to, being a witness and permitting employees to be witnesses and complainants in any proceedings involving questions of unlawful employment practices, furnishing all information requested by Deerfield Township and the State Equal Employment Opportunity Coordinator, and permitting



access to its books, records, and accounts by the County and the State Equal Employment Opportunity Coordinator for purposes of investigation to ascertain compliance with applicable rules, regulations and orders.

5. 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 Deerfield Township construction contracts.

In the event that is contract is terminated for a material breach of EEO requirements, the contractor shall become liable for any and all damages which shall accrue to Deerfield Township as a result of said breach.

6. The contractor will require the inclusion of language reflecting these same six 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 so that these provisions will be binding upon each subcontractor or vendor. The contractor will take such as Deerfield Township 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 Deerfield Township, the contractor may be requested to protect the interests of the County.

**The bidder hereby adopts the foregoing covenants?**

\_\_\_\_\_ Yes    \_\_\_\_\_ No

**PLEASE NOTE:** *The bidder's failure to adopt the Bidder's EEO Covenants and complete the foregoing certification will cause the bidder's proposal to be rejected as being non-responsive.*



**CERTIFICATE OF COMPLIANCE  
NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY AFFIDAVIT  
(SUB CONTRACTOR)**

STATE OF \_\_\_\_\_ )  
 )  
COUNTY OF \_\_\_\_\_ ) SS:

\_\_\_\_\_ being first duly sworn, deposes and says that he

\_\_\_\_\_ of \_\_\_\_\_

the party who made the foregoing proposal; that such party as bidder does not and shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, or national origin. If awarded the bid and contract under this proposal, said party shall take affirmative action to insure that applicants are employed and that employees are treated, during employment, without regard to their race, religion, color, sex, or national origin. If successful as the lowest and best bidder under the foregoing proposal, this party shall post non-discrimination notices in conspicuous places available to employees and applicants for employment setting forth the provisions of this affidavit.

Furthermore, said party agrees to abide by the assurances found in Section 153.54 of the Ohio Revised Code in the Contract Provisions with the Owner if selected as the successful bidder by the Owner.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Affiant

\_\_\_\_\_  
Company/Corporation

\_\_\_\_\_  
Address

\_\_\_\_\_  
City/State/Zip Code

Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 202\_\_.

\_\_\_\_\_ Notary (seal)



**THIS SECTION SHOULD BE FULLY COMPLETED WHETHER OR NOT YOU AS A  
VENDOR/CONTRACTOR OWN PROPERTY IN WARREN COUNTY, OHIO.  
AFFIDAVIT**

STATE OF \_\_\_\_\_ )  
 )  
COUNTY OF \_\_\_\_\_ ) SS:

\_\_\_\_\_ being duly cautioned and sworn, states as follows:

1. That he/she is \_\_\_\_\_ of  
(Title)  
\_\_\_\_\_  
(Name of Contracting Party)

2. That \_\_\_\_\_ is not presently  
(Name of Contracting Party)  
charged with any delinquent personal property taxes on the general tax list of personal  
property of Warren County.

**-OR-**

1. That \_\_\_\_\_ is charged with  
(Name of Contracting Party)  
delinquent personal property tax on the general tax list of personal property of Warren County.  
The amount of delinquent personal property tax due and unpaid including any due and unpaid  
penalty and interest is: \$ \_\_\_\_\_

Further, affiant states not.

\_\_\_\_\_  
Affiant

Sworn to and subscribed in my presence this \_\_\_\_ day of \_\_\_\_\_ 202\_\_.

\_\_\_\_\_  
Notary Public

This instrument was prepared by  
\_\_\_\_\_.

**Note to Fiscal Office:** If any personal property taxes are delinquent, you must send a copy of this statement to the County Treasurer within 30 days of the date it is submitted.

**WARNING:** MAKING A FALSE STATEMENT ON THIS AFFIDAVIT MAY BE PUNISHABLE BY A FINE AND/OR IMPRISONMENT



## CORRECTION PERIOD

TO: DEERFIELD TOWNSHIP  
4900 PARKWAY DRIVE  
SUITE 150  
MASON, OHIO 45040

DATE: \_\_\_\_\_

The undersigned, \_\_\_\_\_, having  
Heretofore entered into a contract with Deerfield Township, Ohio, dated \_\_\_\_\_,  
for the Improvement, Repair and Construction of:

### **2024-07 Streetscape Improvement Project – Phase II**

and in accordance with the terms of said contract do hereby guarantee that all labor and material furnished and work performed by us under said contract is in conformity with such plans and specifications and authorized alterations thereto and that such Improvement, Repair and Construction installed pursuant to said contract is free from imperfect workmanship and materials, and we agree to repair at our own cost and expense all of the work covered under said contract and change orders which may prove to be defective for a period of one year from the date hereof. Furthermore, we agree to repair at our sole cost any work which we may affect or disturb in making the repairs herein contemplated.

\_\_\_\_\_  
By \_\_\_\_\_

Title \_\_\_\_\_

Guarantee Period Begins \_\_\_\_\_  
Date



# RELEASE OF LIEN

For and in consideration of \_\_\_\_\_, the undersigned

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

does hereby waive, release, and relinquish any and all claims, demands, and right of lien for all work, labor, material, machinery, and other goods, equipment, and services done, performed, and furnished in and for the Improvement, Repair and Construction of:

## **2024-07 Streetscape Improvement Project – Phase II**

In WITNESS WHEREOF, the undersigned has caused these presents to be duly executed this \_\_\_\_\_ day of \_\_\_\_\_, 202\_\_.

\_\_\_\_\_  
Name of Company

By \_\_\_\_\_

\_\_\_\_\_  
Title

This \_\_\_\_\_ day of \_\_\_\_\_, 202\_\_, \_\_\_\_\_, being personally known to me, appeared before me and executed the foregoing Final Release of Lien and acknowledged such execution to be his free act and deed.

\_\_\_\_\_  
Notary Public

NOTARY SEAL

My Commission Expires \_\_\_\_\_, 202\_\_.



## CERTIFICATION OF LAW DIRECTOR

This is to certify that I have examined these Contract Documents, for the Improvement of:

### **2024-07 Streetscape Improvement Project – Phase II**

Including the Information and Instruction to Bidders, the General Conditions and Specifications, Proposal, Contract, Insurance Certificates and the signatures affixed thereto, and that, to the best of my knowledge and belief they constitute a valid and legal contract and are in proper legal form.

---

Township Attorney

---

Date

## CERTIFICATION OF FISCAL OFFICER

This is to certify that the amounts required to meet the obligations of this Contract has been lawfully approved for the purpose of same and is in the treasury of Deerfield Township, Ohio, or is in the process of collection to the credit of the appropriate fund and is free from any prior encumbrances.

---

Fiscal Officer

---

Date



**CERTIFICATE OF COMPLIANCE  
WITH THE EMPLOYMENT PROVISIONS OF THE  
FEDERAL IMMIGRATION AND NATIONALITY ACT AS A REQUIREMENT  
FOR DOING BUSINESS WITH DEERFIELD TOWNSHIP**

**DEERFIELD REQUIREMENTS**

The Trustees of Deerfield Township adopted a resolution on April 17, 2007 requiring that the Township include in all requests for proposal a requirement that any prospective contractor seeking to do business with the Township must certify their compliance with the employment provisions of the Immigration and Nationality Act ("INA"). The INA governs the treatment of aliens in the United States. Under the INA it is unlawful for any person or entity to hire or recruit an alien knowing the alien is unauthorized to work in the United States. Further, it is unlawful under the INA to hire an individual for employment in the United States without complying with employment verification requirements and such requirements include examination of identity documents completion of an I-9 Form for every employee hired. Bids lacking an executed original of this form will not be considered.

**CERTIFICATION OF CONTRACTOR**

Contractor or (name of company) \_\_\_\_\_ by its (title of officer) \_\_\_\_\_ certifies that it has not been convicted of or plead guilty to a violation of the Immigration and Nationality Act where said violation took place in Warren County, Ohio or any adjacent county within four years of the date of the certificate; that it shall comply fully with all terms of the Federal Immigration and Nationality Act during performance of the contract and require its subcontractor(s) to do the same, including, but not limited to, requiring all employees to provide identity documentation and complete an I-9 Form. Contractor acknowledges that if it or any of its subcontractors violate the employment provision of the Immigration and Nationality Act the contract may be terminated by the Township.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name and Title

\_\_\_\_\_  
Company/Corporation

\_\_\_\_\_  
Date of Certification



## BIDDER INFORMATION SHEET

**ATTENTION BIDDER:** Please fill out this form and submit with your bid.  
(Please Print)

**COMPANY NAME:** \_\_\_\_\_

**CHIEF EXECUTIVE OFFICER:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

\_\_\_\_\_

**PHONE NUMBER:** \_\_\_\_\_

**FAX NUMBER:** \_\_\_\_\_

**PROJECT CONTACT PERSON:** \_\_\_\_\_

**PHONE NUMBER:** \_\_\_\_\_





**2024-07 Streetscape Improvement Project – Phase II**  
**PROPOSAL**

**THE FOLLOWING PROPOSAL IS HEREBY MADE TO:**

**DEERFIELD TOWNSHIP**  
**4900 PARKWAY DRIVE SUITE 150**  
**MASON, OHIO 45040**

**STIPULATED AMOUNT:** The Undersigned hereby proposes and agrees to furnish all the necessary labor, materials, equipment, tools, and services required for the **2024-07 Streetscape Improvement Project – Phase II** for Deerfield Township, in accordance with the Plans, Specifications, and all Contract Documents prepared by Deerfield Township and in accordance with the unit prices bid in the proposal.

The Undersigned agrees that the following sub-contractors will be working under this contract and that no sub-contractor substitutions, additions, or deletions will be made without written consent from Deerfield Township.

| <b><u>SUB-CONTRACTOR</u></b> | <b><u>ADDRESS (CITY,STATE)</u></b> | <b><u>CRAFT</u></b> |
|------------------------------|------------------------------------|---------------------|
| 1.                           |                                    |                     |
| 2.                           |                                    |                     |
| 3.                           |                                    |                     |
| 4.                           |                                    |                     |
| 5.                           |                                    |                     |
| 6.                           |                                    |                     |

**ADDENDA:** The Undersigned hereby acknowledges receipt of the following Addenda:

| <b><u>ADDENDUM NUMBER</u></b> | <b><u>DATED</u></b> |
|-------------------------------|---------------------|
| 1.                            |                     |
| 2.                            |                     |
| 3.                            |                     |



**KNOWLEDGE OF CONDITIONS AND CONTRACT DOCUMENTS:** The Undersigned has examined the site of the proposed work, the Plans, Specifications, and all Contract Documents and understands the condition of the work to be performed.

**CONTRACT TIME AND LIQUIDATED DAMAGES:** The Undersigned hereby acknowledges the time to complete the Contract and the subsequent damages thereof in accordance of all Contract Documents. The Undersigned agrees to complete the entire project by **December 12, 2025**

**COMPLIANCE OF THE CONTRACTOR:** The Undersigned hereby agrees that he will comply with all the State Statutes relating to the liability insurance, working hours, State worker's compensation insurance, OSHA safety regulations, prevailing wages, and sanitary regulations which in any way may affect those engaged or employed for the work of this project.

**PROPOSAL GUARANTY AND CONTRACT BOND:** The Undersigned has submitted a Proposal Guaranty and Contract Bond in accordance with these Contract Documents.

**EXECUTION OF AGREEMENT:** Within ten (10) days from the official **NOTICE OF COMMENCEMENT**, the Undersigned agrees to execute the form of agreement, included as one of the Contract Documents, in accordance with the Contract Documents.

**Owner's Right Reserved:** The Undersigned understands that the Owner reserves the right to award or reject a Proposal in accordance to the Contract Documents.

**PROPOSAL:** On bid tab sheet(s) as attached hereto.

**THE ABOVE PROPOSAL IS HEREBY RESPECTFULLY SUBMITTED BY:**

|                         |              |                 |
|-------------------------|--------------|-----------------|
| <hr/>                   |              |                 |
| <b>Contractor</b>       |              |                 |
| <hr/>                   |              |                 |
| <b>BY: Name (Print)</b> | <b>Title</b> |                 |
| <hr/>                   |              |                 |
| <b>Signature</b>        | <b>Date</b>  |                 |
| <hr/>                   |              |                 |
| <b>Business Address</b> |              |                 |
| <hr/>                   |              |                 |
| <b>City</b>             | <b>State</b> | <b>Zip Code</b> |





**2025 Streetscape Improvement Project - Phase II  
Bid Form**

**DEERFIELD TOWNSHIP STREETScape - HILLSLOPE**

| ITEM                             | QUANTITY | UNIT  | UNIT COST | AMOUNT |
|----------------------------------|----------|-------|-----------|--------|
| <b>PRE-CONSTRUCTION</b>          |          |       |           |        |
| Construction Staking             | 1        | ALLOW |           |        |
| Mobilization                     | 1        | ALLOW |           |        |
| Maintenance of Traffic           | 1        | LS    |           |        |
| <b>PRE-CONSTRUCTION SUBTOTAL</b> |          |       |           |        |

**DEMOLITION**

|                            |     |    |  |  |
|----------------------------|-----|----|--|--|
| Headwall                   | 2   | EA |  |  |
| Storm Pipe                 | 75  | LF |  |  |
| Concrete Block Mat         | 50  | SY |  |  |
| Rip Rap                    | 570 | SF |  |  |
| <b>DEMOLITION SUBTOTAL</b> |     |    |  |  |

**EARTHWORK & GRADING**

|   |      |    |  |  |
|---|------|----|--|--|
| Fine Grading                            | 1550 | SY |  |  |
| Fill                                    | 350  | CY |  |  |
| Import Fill                             | 200  | CY |  |  |
| Silt Fence                              | 120  | LF |  |  |
| <b>EARTHWORK &amp; GRADING SUBTOTAL</b> |      |    |  |  |

**STORM SEWER**

|                             |    |    |  |  |
|-----------------------------|----|----|--|--|
| Connect to Existing Storm   | 2  | EA |  |  |
| Inlet Protection            | 3  | EA |  |  |
| 6" Perforated Underdrain    | 50 | LF |  |  |
| 15" Storm Pipe              | 66 | LF |  |  |
| 36" Storm Pipe              | 60 | LF |  |  |
| ODOT Catch Basin (2-4)      | 2  | EA |  |  |
| ODOT Manhole                | 1  | EA |  |  |
| <b>STORM SEWER SUBTOTAL</b> |    |    |  |  |

**LANDSCAPE**

|                    |    |    |  |  |
|--------------------|----|----|--|--|
| Topsoil - 6" depth | 66 | CY |  |  |
|--------------------|----|----|--|--|



|  |      |    |  |  |
|--|------|----|--|--|
| Amsonia hubrichtii - #1                              | 22   | EA |  |  |
| Echinacea purpurea - #1                              | 16   | EA |  |  |
| Echinacea purpurea - Plug                            | 123  | EA |  |  |
| Liriope muscari 'Variegata' - #1                     | 57   | EA |  |  |
| Nepeta x faassenii 'Walker's Low' - #1               | 41   | EA |  |  |
| Rudbeckia fulgida 'Goldstrum' - #1                   | 88   | EA |  |  |
| Rudbeckia fulgida 'Goldstrum' - Plug                 | 123  | EA |  |  |
| Schizachyrium scoparium "Standing Ovation" - Plug    | 123  | EA |  |  |
| Meadow Mix Seed - Butterfly & Hummingbird Garden Mix | 1265 | SF |  |  |
| Turfgrass Sod  | 150  | SY |  |  |
| Shredded Hardwood Mulch (2" Depth)                   | 6    | CY |  |  |
| Leaf Compost   | 8    | CY |  |  |
| Jute Netting   | 145  | SY |  |  |
| Erosion Control Blanket                              | 270  | SY |  |  |
| Planting and Meadow Watering                         | 1    | LS |  |  |
| 12 Month Maintenance Period                          | 1    | LS |  |  |
| <b>LANDSCAPE SUBTOTAL</b>                            |      |    |  |  |

#### **HARDSCAPE**

|  |     |       |  |  |
|--|-----|-------|--|--|
| Light Decorative Stone - 6" Depth (includes geotextile fabric) | 47  | CY    |  |  |
| Dark Decorative Stone - 6" Depth (includes geotextile fabric)  | 19  | CY    |  |  |
| Edging - 6"x6" PVC Edging (includes stakes and clips)          | 630 | LF    |  |  |
| Decorative Boulder   | 6   | EA    |  |  |
| Reinforced Concrete & Brick Signage Wall                       | 1   | ALLOW |  |  |
| Wall Mockup  | 1   | LS    |  |  |
| <b>HARDSCAPE SUBTOTAL</b>                                      |     |       |  |  |

#### **HILLSLOPE TOTAL**

#### **DEERFIELD TOWNSHIP STREETScape - EXIT RAMP**

| ITEM                             | QUANTITY | UNIT  | UNIT COST | AMOUNT |
|----------------------------------|----------|-------|-----------|--------|
| <b>PRE-CONSTRUCTION</b>          |          |       |           |        |
| Construction Staking             | 1        | ALLOW |           |        |
| Mobilization                     | 1        | ALLOW |           |        |
| Maintenance of Traffic           | 1        | LS    |           |        |
| <b>PRE-CONSTRUCTION SUBTOTAL</b> |          |       |           |        |

#### **EARTHWORK & GRADING**

|              |     |    |  |  |
|--------------|-----|----|--|--|
| Fine Grading | 830 | SY |  |  |
|--------------|-----|----|--|--|



|   |     |    |  |  |
|---|-----|----|--|--|
| Haul Off to Hillslope Site              | 86  | CY |  |  |
| Clearing and Grubbing                   | 1   | LS |  |  |
| Excavation for Planting Topsoil (6")    | 54  | CY |  |  |
| Excavation for Stone Areas (10")        | 32  | CY |  |  |
| Silt Fence                              | 100 | LF |  |  |
| <b>EARTHWORK &amp; GRADING SUBTOTAL</b> |     |    |  |  |

|                             |    |    |  |  |
|-----------------------------|----|----|--|--|
| <b>STORM SEWER</b>          |    |    |  |  |
| 6" Perforated Underdrain    | 25 | LF |  |  |
| 6" Aggregate Drain          | 30 | LF |  |  |
| <b>STORM SEWER SUBTOTAL</b> |    |    |  |  |

|  |     |    |  |  |
|--|-----|----|--|--|
| <b>HARDSCAPE</b>   |     |    |  |  |
| Light Decorative Stone - 6" Depth (includes geotextile fabric) | 19  | CY |  |  |
| Compacted Base Stone for Decorative Stone Areas - 4" Depth     | 13  | CY |  |  |
| Edging - 6"x6" PVC Edging (includes stakes and clips)          | 510 | LF |  |  |
| Decorative Boulder   | 3   | EA |  |  |
| Wall Mockup  | 1   | LS |  |  |
| Deerfield Signage Wall   | 1   | LS |  |  |
| <b>HARDSCAPE SUBTOTAL</b>                                      |     |    |  |  |

|  |      |    |  |  |
|--|------|----|--|--|
| <b>LANDSCAPE</b>                                     |      |    |  |  |
| Topsoil - 6" depth                                   | 67   | CY |  |  |
| Zelkova serrata 'Green Vase'                         | 3    | EA |  |  |
| Cercis canadensis                                    | 3    | EA |  |  |
| Ginkgo Biloba  | 3    | EA |  |  |
| Acer saccharum 'Fall Fiesta'                         | 2    | EA |  |  |
| Acer rubrum 'Franksred'                              | 2    | EA |  |  |
| Meadow Mix Seed - Butterfly & Hummingbird Garden Mix | 2905 | SF |  |  |
| Turfgrass Seed                                       | 1809 | SY |  |  |
| Shredded Hardwood Mulch (2" Depth)                   | 1.5  | CY |  |  |
| Tree Watering Bags                                   | 13   | EA |  |  |
| Meadow Watering                                      | 1    | LS |  |  |
| 12 Month Maintenance Period                          | 1    | LS |  |  |
| <b>LANDSCAPE SUBTOTAL</b>                            |      |    |  |  |

|                        |  |  |  |  |
|------------------------|--|--|--|--|
| <b>EXIT RAMP TOTAL</b> |  |  |  |  |
|------------------------|--|--|--|--|

|                    |  |
|--------------------|--|
| <b>GRAND TOTAL</b> |  |
|--------------------|--|



**2024-07 Streetscape Improvement Project –  
Phase II**

**Attachment #1**

**Technical Specifications**



## **STREETSCAPE IMPROVEMENT PROJECT- PHASE II** **SPECIAL PROVISIONS/TECHNICAL SPECIFICATIONS**

The 2016 Ohio Department of Transportation Construction and Material Specifications and the Supplemental Specifications shall govern this project unless stated otherwise by the Deerfield Township Trustees herein referred to as “Deerfield”, “Township” and “Deerfield Township” or the Warren County Engineer, herein referred to as “Engineer”, “Project Engineer” and “County Engineer”. Furthermore, Deerfield Township Trustees shall be substituted where any specification refers to the Director.

### **Preconstruction Meeting**

Prior to the commencement of the construction work, the Deerfield Township Trustees and Warren County Water & Sewer will arrange a meeting between the General Contractor, the Deerfield Township Trustees, the Project Manager, and the Project Engineer. The time, date and location of said meeting will be determined after the awarding of the contract, and all parties will be notified by the Deerfield Township Trustees. At the preconstruction meeting the Contractor shall submit to the Deerfield Township Trustees and Project Manager a construction schedule, payroll date schedule, list of subcontractors, list of suppliers, and list of equipment and haul roads to be used. The lists of suppliers and subcontractors shall include complete names, addresses, email addresses and telephone numbers of all suppliers and subcontractors working on this construction project. Also, the Contractor shall provide a 24/7/365 emergency phone number to the Deerfield Township Staff. The Contractor’s Foreman and Superintendent shall be present at this meeting.

### **General Notes – Construction Drawing Set**

The General Notes included in the construction plans are hereby incorporated by reference into these Technical Specifications.

### **Project Start Date**

The Contractor shall not perform any of the construction work or order supplies or materials until after a written notice-to-proceed has been issued by the Deerfield Township Trustees.

The contractor shall not begin any construction work until after a preconstruction meeting with the Contractor and the Deerfield Township Trustees has been held at a time and date specified by the Deerfield Township Trustees and to be held at the Deerfield Township Office Building at 4900 Parkway Drive Suite 180, Mason, OH 45040.



## **STREETSCAPE IMPROVEMENT PROJECT- PHASE II** **SPECIAL PROVISIONS/TECHNICAL SPECIFICATIONS**

### **Completion Time**

The date for which all of the work in this contract shall be completed by is on or before **December 12, 2025**. The liquidated damages paid by the contractor for not completing the project on or before December 12, 2025, as determined by the Deerfield Township Trustees, will be \$1,000.00 per calendar day.

### **Working Restrictions**

No work shall be performed on the weekends (between 7:00 p.m. Friday and 7:00 a.m. Monday) or during holidays unless approved by the Township or Engineer. In addition, night work of any type shall be strictly prohibited, unless approved by the Township or Engineer. Construction work shall not be performed before 7:00 am or after 7:00 pm on weekdays (Monday through Friday) unless authorized by the Engineer.

### **Construction Update Meetings**

Construction update meetings shall be held in the field office on the construction job site at a time agreed to by the Deerfield Township Trustees, the Contractor, Warren County's Inspectors, and Warren County's Project Manager. The Contractor's Foreman and Superintendent shall be present at these meetings.

### **Daily Inspection Sheets**

The Roadway Inspector shall prepare a Daily Inspection Sheet for each day the Contractor is working, which will list all work performed for the specified day including item numbers and quantities. The Contractor's Foreman shall meet with the Roadway Inspector at the end of every day that the Contractor is working and agree upon all quantities of work performed each and every day that the Contractor is working. The Daily Inspection Sheets shall be submitted to the Project Manager by the Roadway Inspector on a weekly basis. The quantities on the Daily Inspection Sheets shall be totaled at the end of each month and shall coincide with the quantities submitted for monthly payment by the contractor. If a discrepancy exists, the monthly payment may be delayed and/or the quantities in question may not be paid until the discrepancy is resolved.

### **Payment of Work**

Contractor invoices shall not be submitted more than once a month to the Project Manager for work included in the Contract between the Deerfield Township Trustees and the General Contractor. The funding for this project is provided wholly by the Deerfield Township Trustees.



## **STREETSCAPE IMPROVEMENT PROJECT- PHASE II** **SPECIAL PROVISIONS/TECHNICAL SPECIFICATIONS**

### **Retainage and Affidavits**

A percentage of the original contract bid amount shall be retained on this project. Until 50% of the original contract has been performed, 8% of the original contract bid amount will be retained. The entire retainage will be released to the Contractor after the final inspection has been performed, after the Deerfield Township Trustees and the County Engineer has accepted the construction, and after all affidavits have been submitted to the Deerfield Township Trustees and the County Engineer by the Contractor.

The Contractor shall provide the Deerfield Township Trustees and County Engineer with affidavits stating that the General Contractor's employees and all subcontractors and suppliers for this project have been paid in full. The Contractor shall also submit a waiver of lien before the retainage may be released.

### **Change Orders**

No change orders involving performance or nonperformance contract quantities of project materials shall be processed without direct approval by the Project Manager.

### **Storage of Construction Materials – Staging Area**

The Contractor shall obtain prior approval from the property owner for the locations to be used for the temporary storage of construction materials, tools, and/or machinery. All such materials, tools, and machinery shall be neatly and compactly piled in such a manner as to cause the least inconvenience to the property owners and to traffic. Under no circumstances shall existing drainage courses be blocked or water hydrants, valves, or meter pits covered.

### **Debris Removal**

The Contractor shall be responsible for removal from the site of all construction debris material. All debris material shall be disposed of properly and shall be as directed by any applicable local, state or federal regulations.

### **Protection of Areas Outside of Work Limits**

The Contractor shall be responsible for the protection of areas outside of the designated work limits, but which may be adjacent to those work limits. This will include those areas used by construction traffic for access to and from the work areas. Where the Deerfield Township Trustees and/or the County Engineer determines that the Contractor's operations have been responsible for damage to areas outside of the work limits, the Contractor shall be responsible for the repair of the area subject to the approval of the Engineer. No additional compensation will be due to the Contractor for any repair of these areas.



## **STREETSCAPE IMPROVEMENT PROJECT- PHASE II** **SPECIAL PROVISIONS/TECHNICAL SPECIFICATIONS**

### **Right-of-Way, Trespassing and Adjacent Properties**

The Deerfield Township Trustees and Warren County have acquired the easements as shown on the construction plans. The Contractor shall perform all work within the right-of-way, easements and construction limits as shown on the road construction plans. If the Contractor chooses to enter private property outside of the right-of-way, easements, and construction limits, the Contractor does so at his own risk. The Contractor and all of his representatives shall be polite, courteous, and friendly to all adjacent property owners at all times. The contractor shall respond in a timely manner to problems/complaints made by adjacent property owners such as mail delivery, trash pickup, access to driveways, debris, etc.

The General Contractor shall indemnify and hold the Deerfield Township Trustees, Deerfield Township, the Warren County Engineer, and the Warren County Board of County Commissioners harmless and without liability if any adjacent property owner claims that their property has been damaged by the actions or inactions of the General Contractor or any subcontractors. The Contractor is advised to stake the right-of-way, easements, and construction limits. If the contractor chooses to stake the limits of the right-of-way, easements, and construction limits, payment for the staking shall be incidental to all items in this contract.

### **Utility Notification**

The contractor shall call 8-1-1 or 1-800-362-2764 at least 48 hours before beginning the construction work. By law, everyone must contact the Ohio Utilities Protection Service, at 8-1-1 or 1-800-362-2764, at least 48 hours but no more than 10 working days (excluding weekends and legal holidays) before beginning ANY digging project. In accordance with the law, everyone is required to call OUPS and have the area located and marked before doing any digging in the area. The Contractor shall notify at least 48 hours before breaking ground all public and/or private service corporations and companies having wires, poles, conduits, manholes, or other structures that may be affected by the construction on this project, including all structures which are affected and not shown on the plans. Owners of underground utilities, which are members of OUPS, can be notified by calling 1-800-362-2764. Non-member underground utility owners must be called directly.

### **Utility Adjustments**

The Contractor shall adjust to the proposed grade all existing utility facilities, i.e. manholes, catch basins, valves, boxes, fire hydrants, etc., prior to the commencement of paving operation. This shall include utility facilities, not shown on the plan, which may be found to be located within the construction area. Work performed on the utility facilities shall be in strict accordance with the specifications of the applicable utility owner and shall be performed under the direction, supervision and inspection of said owner. Payment for utility adjustments shall be incidental to all items in this contract.



## **STREETSCAPE IMPROVEMENT PROJECT- PHASE II** **SPECIAL PROVISIONS/TECHNICAL SPECIFICATIONS**

### **Sheeting and Shoring**

The Contractor shall furnish, put in place and maintain such piling, sheeting, bracing, etc., as is required by the Industrial Commission and the Department of Industrial Relations, State of Ohio, in their Bulletin No. 1C-3, "Specific Safety Requirements Relating to Building and Construction Work," as revised. The Contractor shall furnish, put in place, and maintain and remove such sheeting, shoring, planking and bracing as may be required to support the sides of the excavations and to prevent any movement which could in any way injure the work, human life or adjacent structures and property, obstruct surface drainage channels or waterways or otherwise injure or delay the work. If required at any time by the Engineer, the Contractor shall furnish and install such additional sheeting, shoring and bracing as may be necessary to protect the work but compliance with such orders or failure on the part of the Engineer or Township to give such orders shall in no case release the Contractor from liability for any damages or injuries caused by weak or insufficient sheeting, shoring and bracing, nor from his responsibility to protect the work or adjacent property.

### **Maintenance of Sewer/Storm Water Flows**

The Contractor shall conduct his operations to maintain at all times stormwater and sewer flows through existing facilities to remain in place and through existing facilities to be replaced until new facilities are completed and placed in use. This includes any storm sewer, drainage ditch, sanitary sewer, or septic system.

### **Restoration of Areas Disturbed**

Soil areas disturbed by the construction of underdrains, trench drains, catch basins or other drainage facilities shall be regraded to drain properly and then restored.

Pavement areas disturbed by the construction facilities will be restored as per the asphalt pavement repair detail, concrete drive detail or concrete walk detail.

### **Conduit (Pipe), Drainage and Utility Items**

Unless otherwise specified on the plans, the unit price bid for the pertinent conduit (pipe), drainage, and/or utility item shall include the cost of all necessary appurtenances, connections, fittings, plugs, tees, collars, masonry collars, butt joints, bedding, backfill, etc. Unless otherwise noted on the plans, the unit price bid for the pertinent conduit, drainage, and/or utility item shall include the costs involved in the excavation of the trench in unclassified material, the supplying, placing, and compacting of the required bedding material and the backfilling of the trench with the required material to the appropriate subgrade elevations. Furthermore, the contractor shall take precautions while excavating for the proposed conduit (pipe) near existing utility lines. If necessary, the contractor shall hand dig in areas where the proposed conduit (pipe) is to be installed near an existing underground and/or above-ground utility line. The Contractor shall hold Warren County and the Deerfield Township harmless from all liabilities that may arise from the damaging of any existing utility facilities. The cost for hand digging in areas near existing utilities shall be incidental to all items in this contract.



## **STREETSCAPE IMPROVEMENT PROJECT- PHASE II** **SPECIAL PROVISIONS/TECHNICAL SPECIFICATIONS**

### **Property Pins**

The contractor shall replace all centerline of survey and property line monumentation, which have been damaged, disturbed or removed as part of this construction project. A licensed Surveyor in the State of Ohio shall directly and physically supervise the actual replacement of all centerline of survey and property monumentation in the field. The payment for replacing centerline of survey and/or property line monumentation shall be incidental to all items in this contract.

### **Clearing and Grubbing**

This work shall consist of clearing, grubbing, scalping, removal of trees and stumps, and removing and disposing of all vegetation and debris within the limits of construction, except such objects as are to remain or are to be removed in accordance with other sections of these specifications. The Contractor shall keep clearing to a minimum by removing only what is necessary to complete the construction of this project. Whenever a tree is removed/cut down, the contractor shall also remove the entire stump and any roots protruding from the ground. Payment for this item shall be incidental to all items in this contract.

### **Removals**

This work shall consist of the removal, wholly or in part, and satisfactory disposal of all buildings, fences, guardrails, structures, old pavements, abandoned pipelines, storage tanks, septic tanks, privy vaults, and any other obstructions that are not designated or permitted to remain, except for the obstructions to be removed and disposed of under other items in this road construction contract. It shall also include the salvaging of designated materials and backfilling the resulting trenches, holes, and pits.

### **Item 614 – Maintaining Traffic**

Traffic control shall be the sole responsibility of the Contractor. The State of Ohio, Warren County, Deerfield Township, and the Deerfield Township Trustees shall be held harmless from liabilities caused by improper traffic control by the Contractor. The contractor shall indemnify the State of Ohio, Warren County, Deerfield Township, and the Deerfield Township Trustees from any and all liabilities due to improper maintenance of traffic. All road construction signs shall also be the responsibility of the Contractor. All traffic control materials and methods shall conform to the current version of the Ohio Manual of Uniform Traffic Control Devices (OMUTCD), Item 614 of the 2013 ODOT Construction and Material Specifications Book (CMS), and all current and pertinent laws at all times.

Any devices that are determined by the Engineer to be substandard shall be repaired to the satisfaction of the Engineer or shall be immediately removed from the site and replaced with acceptable devices. Any temporary traffic control devices that are determined by the Engineer to have become substandard during the course of the project shall be removed from the job site and immediately replaced by devices meeting the approval of the Engineer.



## **STREETSCAPE IMPROVEMENT PROJECT- PHASE II** **SPECIAL PROVISIONS/TECHNICAL SPECIFICATIONS**

The contractor shall provide and maintain all signs, barrels, barricades, barriers, labor, flagmen, steel plates, etc. for all work on this project. The Contractor shall maintain access to all driveways in the work area for the duration of the project. Any conflicting pavement markings shall be removed or covered in accordance with Item 614.

Methods and materials for maintaining traffic shall conform to the Manual of Uniform Traffic Control Devices and Item 614 of the ODOT Specifications at all times. Unless noted otherwise, payment for all of the work listed above shall be included in the Lump Sum price bid for Item 614 Maintaining Traffic.

### **Construction Layout Stakes**

All centerline of survey and property corner monumentation that is disturbed during construction shall be reset by a Professional Surveyor. Payment for this work shall be incidental to all items in this contract.

### **PERMITS**

The Contractor is responsible for obtaining all R/W permits from ODOT and/or Warren County, for any associated work.

### **GUARANTEE (VEGETATION)**

The Contractor shall guarantee all plant material for a replacement plant within the first year. The date for the replacement period will begin upon completion of the project. This is a one-time replacement only for each plant.



**2024-07 Streetscape Improvement Project –  
Phase II**

**Attachment #2**

**Prevailing Wage Info / Affidavit of Compliance**





**Department  
of Commerce**

Division of Industrial Compliance

## **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 \$98,974 for new construction that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction or \$29,653 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.

Bureau of Wage and Hour Administration  
6606 Tussing Road  
Reynoldsburg, OH 43068-9099

614-644-2239  
Fax 614-728-8639  
TTY/TDD 800-750-0750  
com.ohio.gov

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## Department of Commerce

Division of Industrial Compliance

### 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.**





**Department  
of Commerce**

Division of Industrial Compliance

- 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.





**Department  
of Commerce**

Division of Industrial Compliance

**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.**



# PREVAILING WAGE NOTIFICATION TO EMPLOYEE

|   |   |                                       |                                  |
|---|---|---------------------------------------|----------------------------------|
| Project Name:   |   | Job Number:                           |                                  |
| Contractor:   |   |                                       |                                  |
| Project Location:   |   |                                       |                                  |
| Jobsite posting of prevailing wage rates located:   |   |                                       |                                  |
| <b>Prevailing Wage Coordinator</b>  |   | <b>Employee</b>                       |                                  |
| Name:   |   | Name:                                 |                                  |
| Street:   |   | Street:                               |                                  |
| City:   |   | City:                                 |                                  |
| State / Zip:  |   | State / Zip:                          |                                  |
| Phone:  |   | Phone:                                |                                  |
| <p>You will be performing work on this project that falls under these classifications. You will be paid the appropriate rate for the type of work you are performing.</p> |   |                                       |                                  |
| <b>Classification</b>   | <b>Prevailing Wage<br/>Rate Total Package</b> | <b>Minus Your<br/>Fringe Benefits</b> | <b>Your Hourly<br/>Base Rate</b> |
|   |   |                                       |                                  |
|   |   |                                       |                                  |
|   |   |                                       |                                  |
|   |   |                                       |                                  |
|   |   |                                       |                                  |
|   |   |                                       |                                  |
|   |   |                                       |                                  |
|   |   |                                       |                                  |
| Hourly fringe benefits paid on your behalf by this company.   |   |                                       |                                  |
| <b>Fringe</b>   | <b>Amount</b>                                 | <b>Fringe</b>                         | <b>Amount</b>                    |
| Health Insurance  |   | Vacation                              |                                  |
| Life Insurance  |   | Holiday                               |                                  |
| Pension   |   | Sick Pay                              |                                  |
| Bonus   |   | Training                              |                                  |
| Other   |   | <b>TOTAL HOURLY FRINGES</b>           |                                  |
| Contractor's Signature:   |   | Date:                                 |                                  |
| Employee's Signature:   |   | Date:                                 |                                  |



## CERTIFIED PAYROLL REPORT

|  |               |                                    |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |
|--|---------------|------------------------------------|-----------------------|----------------------------------|------------------|---|------------------------------|-----|-----|-------|-------------------------|-------------------------|--------------------|-------------------|--------------|
| Employer Name & Address                              |               | Name of General / Prime Contractor |                       | Project Name & Location          |                  |   | Contracting Public Authority |     |     |       |                         |                         |                    |                   |              |
| Check if subcontractor <input type="checkbox"/>      |               | Week Ending                        |                       | Payroll #<br>Page _____ Of _____ |                  |   | Project Number               |     |     |       |                         |                         |                    |                   |              |
| 1. Employee Name, Address and Social Security Number | 2. Work Class | 3. Hours Worked - Day & Date       | 4. Project Total Hrs. | 5. Base Rate                     | 6. Project Gross | 7. Fringes:<br>Cash <input type="checkbox"/><br>Approved Plans <input type="checkbox"/><br>Cash & Approved Plans <input type="checkbox"/> |                              |     |     |       | 8. Total Hours All Jobs | 9. Total Gross All Jobs | 10. Taxes Withheld | 11. Other Deducts | 12. NET Paid |
|  |               |                                    |                       |                                  |                  | H&W   | Pens                         | Vac | App | Other |                         |                         |                    |                   |              |
|  |               | OT                                 |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |
|  |               | ST                                 |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |
|  |               | OT                                 |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |
|  |               | ST                                 |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |
|  |               | OT                                 |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |
|  |               | ST                                 |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |
|  |               | OT                                 |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |
|  |               | ST                                 |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |
|  |               | OT                                 |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |
|  |               | ST                                 |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |
|  |               | OT                                 |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |
|  |               | ST                                 |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |
|  |               | OT                                 |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |
|  |               | ST                                 |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |
|  |               | OT                                 |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |
|  |               | ST                                 |                       |                                  |                  |   |                              |     |     |       |                         |                         |                    |                   |              |

Date \_\_\_\_\_ My signature on this form signifies that I pay, or supervise the payment of the employees shown above. I am certifying: 1) That 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. 2) That the fringe benefits have been paid as indicated above. 3) That 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 the Ohio Revised Code Chapter 4115. 4) That apprentices are registered with the U.S. Department of Labor, Bureau of Apprenticeship and Training. The willful falsification of any of the above statements may subject the contractor or subcontractor to civil or criminal prosecution.

Name and Title \_\_\_\_\_

Signature \_\_\_\_\_



**2024-07 Streetscape Improvement Project –  
Phase II**

**Attachment #3**

**Construction Drawings/Plans**



# DEERFIELD TWP STREETScape PHASE II - HILLSLOPE + I-71 SOUTH EXIT RAMP LANDSCAPE ENHANCEMENTS

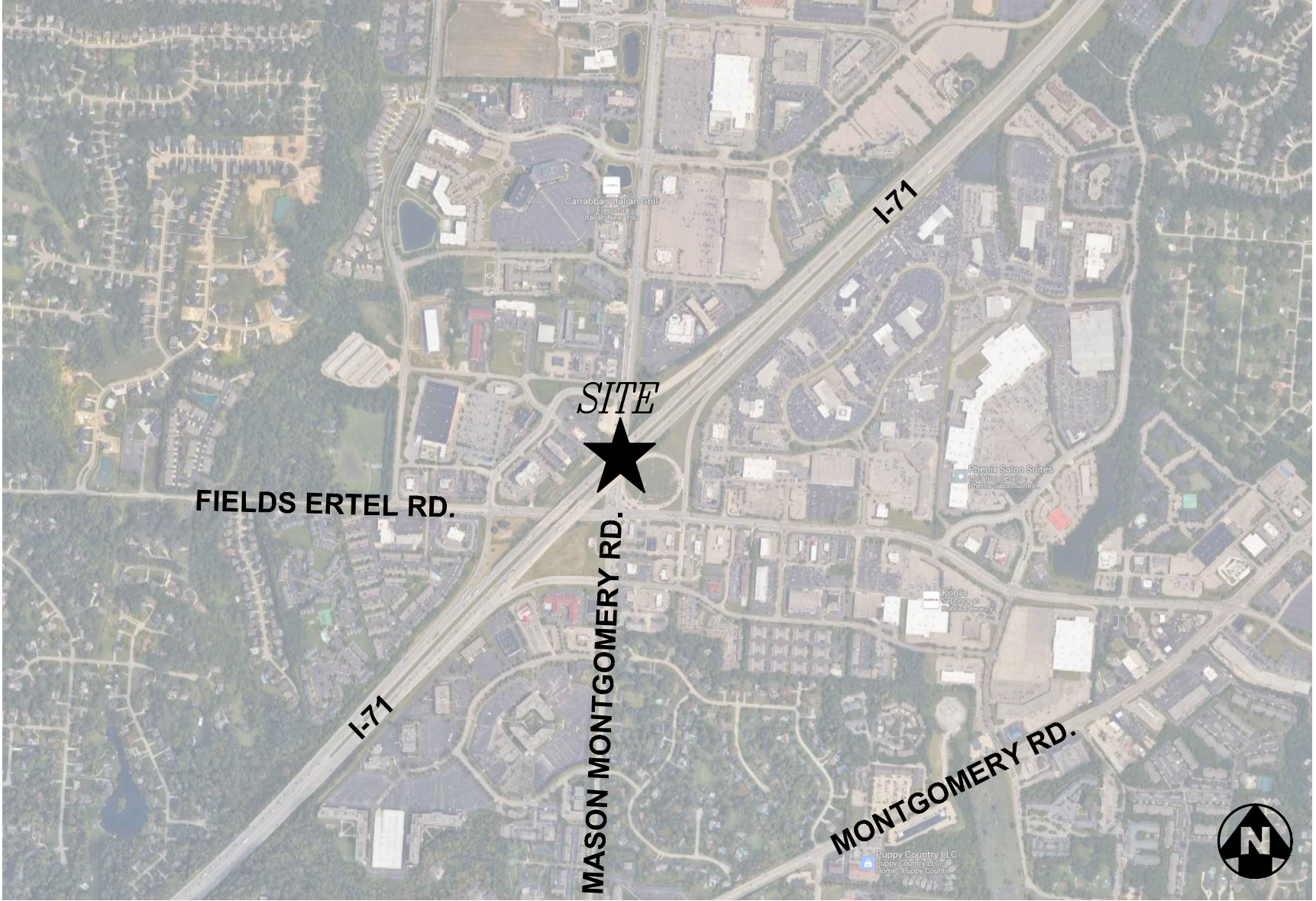
JUNE 30, 2025



HILLSLOPE PERSPECTIVE RENDERING BY THE KLEINGERS GROUP

## INDEX OF DRAWINGS:

- G000 COVER SHEET
- G100 SURVEY PLAN - HILLSLOPE
- G101 SURVEY PLAN - EXIT RAMP
- M100 MAINTENANCE OF TRAFFIC NOTES
- M101 MAINTENANCE OF TRAFFIC PLANS
- M102 MAINTENANCE OF TRAFFIC PLANS
- C000 GENERAL NOTES & DETAILS
- C100 DEMOLITION PLAN - HILLSLOPE
- C101 DEMOLITION PLAN - EXIT RAMP
- C200 GRADING PLAN - HILLSLOPE
- C201 GRADING PLAN - EXIT RAMP
- L100 LANDSCAPE PLAN - HILLSLOPE
- L101 LANDSCAPE PLAN - EXIT RAMP
- L200 LANDSCAPE DETAILS
- L201 WALL DETAILS - HILLSLOPE
- L202 WALL DETAILS - EXIT RAMP
- L203 GENERAL STRUCTURAL NOTES
- L300 SPECIFICATIONS
- L301 SPECIFICATIONS
- L302 SPECIFICATIONS
- L303 SPECIFICATIONS
- L304 SPECIFICATIONS



VICINITY MAP  
N.T.S.

## SITE DATA:

OWNER:  
DEERFIELD TOWNSHIP  
4900 PARKWAY DR. SUITE 150  
DEERFIELD TWP, OHIO 45040  
CONTACT: BILLY HIGHFILL  
PUBLIC WORKS DIRECTOR  
513-701-6958

LANDSCAPE ARCHITECT AND CIVIL ENGINEER:  
THE KLEINGERS GROUP  
6219 CENTRE PARK DRIVE  
WEST CHESTER, OH 45069  
CONTACT: LYNNE NISCHWITZ  
513-779-7851

STRUCTURAL ENGINEER  
JULIE CROMWELL & ASSOCIATES  
7140 MIAMI AVENUE, SUITE 100  
CINCINNATI, OH 45243  
CONTACT: JULIE CROMWELL  
513-321-2555

TOPOGRAPHIC SURVEY :  
PER RECORD DRAWINGS AND SURVEY  
PERFORMED BY THE KLEINGERS GROUP

PROJECT DESCRIPTION :  
THIS IS A LANDSCAPE BEAUTIFICATION  
PROJECT FOR A STREETScape THAT UTILIZES  
PLANTINGS, DECORATIVE STONE, BOULDERS,  
AND A BRICK SIGNAGE WALL.

PROJECT SPECIFICATIONS:  
THE CURRENT STANDARD SPECIFICATIONS  
OF THE STATE OF OHIO, DEPARTMENT OF  
TRANSPORTATION, INCLUDING CHANGES AND  
SUPPLEMENTAL SPECIFICATIONS SHALL  
GOVERN THIS IMPROVEMENT UNLESS  
OTHERWISE STATED WITHIN THESE  
DOCUMENTS.

| STANDARD CONST. DRAWINGS |         | SUPPLEMENTAL SPECIFICATIONS |          |
|--------------------------|---------|-----------------------------|----------|
| MT-095.31                | 7/19/19 | 800                         | 01/17/25 |
| MT-098.28                | 1/17/20 |                             |          |
| MT-105.10                | 1/17/20 |                             |          |
| MT-110.10                | 7/19/13 |                             |          |

NOTE:  
UNDERGROUND UTILITIES ARE PLOTTED FROM A  
COMPILATION OF AVAILABLE RECORD INFORMATION AND  
SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND  
MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE  
EXISTENCE OR NON EXISTENCE OF UNDERGROUND UTILITIES  
CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY  
PROTECTION SERVICE AT 1-800-362-2764 BEFORE ANY PERIOD  
OF EXCAVATION OR CONSTRUCTION ACTIVITY.

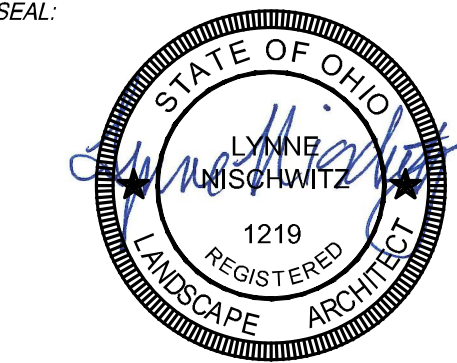


CIVIL ENGINEERING  
SURVEYING  
LANDSCAPE  
ARCHITECTURE

www.kleingers.com  
6219 Centre Park Dr.  
West Chester, OH 45069  
513.779.7851



JULIE CROMWELL & ASSOCIATES, LLC  
7140 Miami Ave., Suite 100  
Cincinnati, Ohio 45243  
(513) 321.2555  
www.juliecromwell.com



| NO. | DATE       | DESCRIPTION     |
|-----|------------|-----------------|
| 1   | 06.30.2025 | 100% CD BID SET |

## DEERFIELD TWP STREETScape - HILLSLOPE + I-71 SOUTH EXIT RAMP DEERFIELD TOWNSHIP, OHIO

PROJECT NO: 230146.002

DATE: 06.30.2025

SCALE:

SHEET NAME:

## COVER SHEET

SHEET NO.

G000





JULIE CROMWELL & ASSOCIATES, LLC  
7140 Miami Ave., Suite 100  
Cincinnati, Ohio 45243  
(513) 321.2555  
[www.juliecromwell.com](http://www.juliecromwell.com)

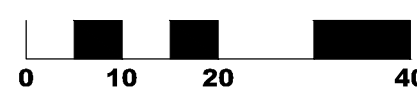
SEAL



06/30/2025

| NO. | DATE       | DESCRIPTION     |
|-----|------------|-----------------|
| 1   | 06.30.2025 | 100% CD BID SET |

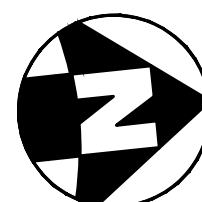
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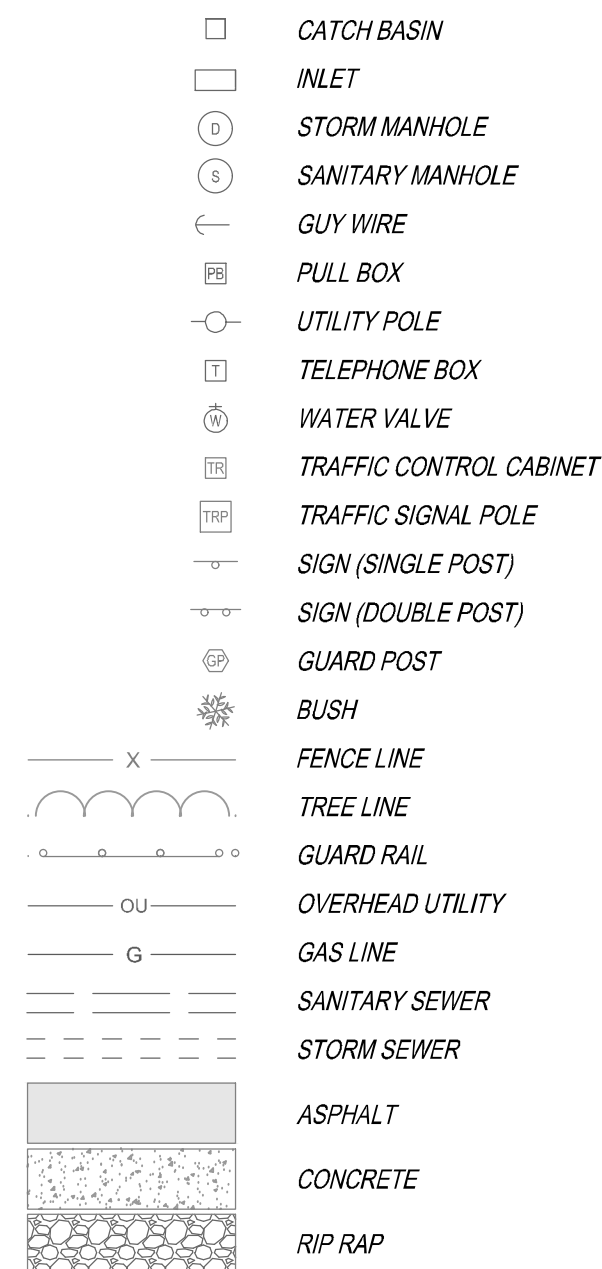
**SHEET NAME:**

SHEET NO.

# G100



**Know what's below.  
Call before you dig.**

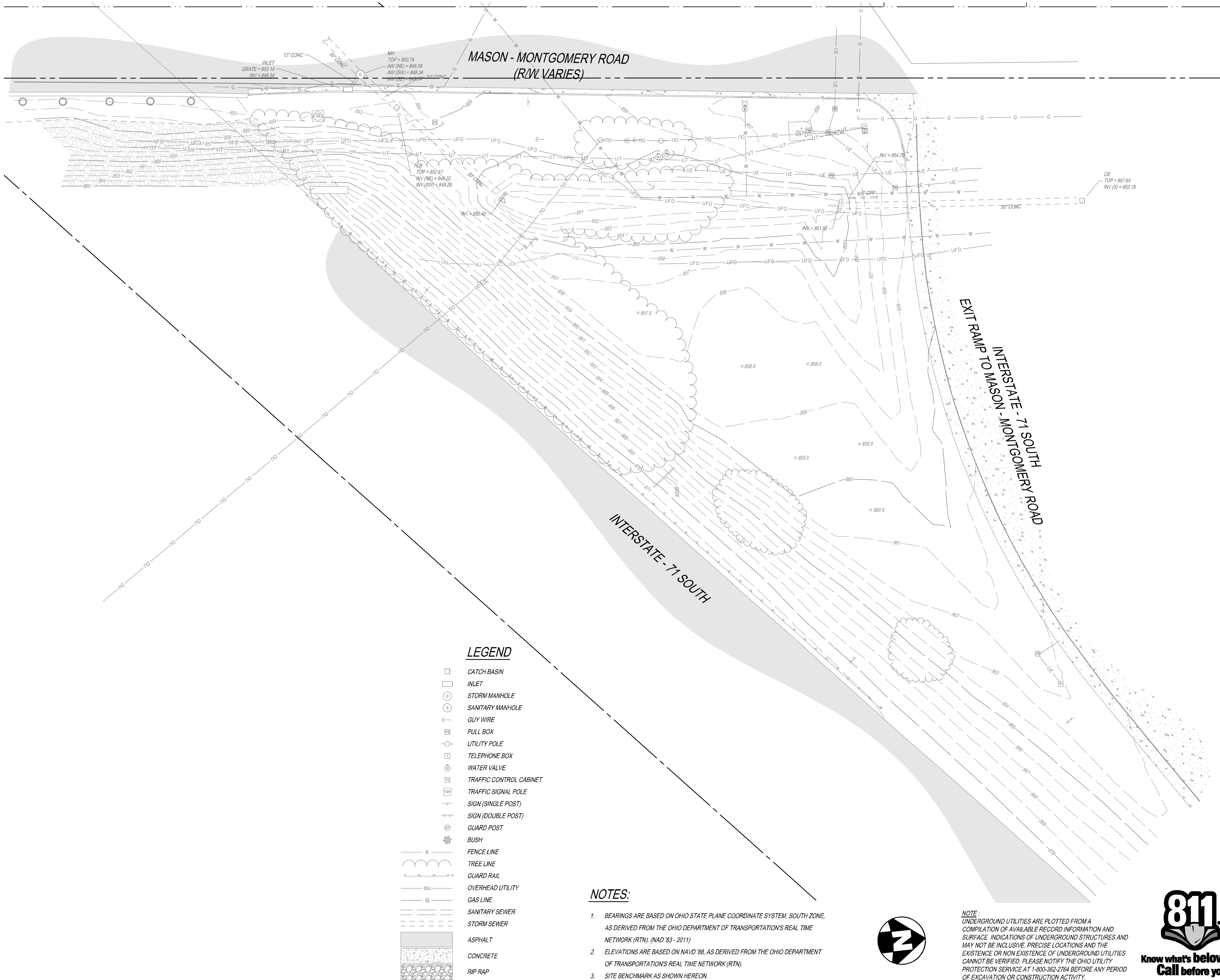


*NOTES:*

1. BEARINGS ARE BASED ON OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, AS DERIVED FROM THE OHIO DEPARTMENT OF TRANSPORTATION'S REAL TIME NETWORK (RTN). (NAD '83 - 2011)
2. ELEVATIONS ARE BASED ON NAVD '88, AS DERIVED FROM THE OHIO DEPARTMENT OF TRANSPORTATION'S REAL TIME NETWORK (RTN).
3. SITE BENCHMARK AS SHOWN HEREON.

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**THE KLEINGERS GROUP**

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LANDSCAPE ARCHITECTURE

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**Deerfield Township**  
EST. 1803

**JCA**

JULIE CROMWELL & ASSOCIATES, LLC  
7140 Miami Ave., Suite 100  
Cincinnati, Ohio 45243  
(513) 321.2565  
www.juliecromwell.com

SEAL:

STATE OF OHIO  
MATTHEW D. HABEDANK  
8611  
REGISTERED PROFESSIONAL SURVEYOR

06/30/2025

| NO. | DATE       | DESCRIPTION     |
|-----|------------|-----------------|
| 1   | 06.30.2025 | 100% CD BID SET |

**DEERFIELD TWP  
STREETSCAPE -  
HILLSLOPE + I-71  
SOUTH EXIT RAMP**  
DEERFIELD TOWNSHIP, OHIO

|             |            |
|-------------|------------|
| PROJECT NO: | 230146.002 |
| DATE:       | 06.30.2025 |

SCALE:

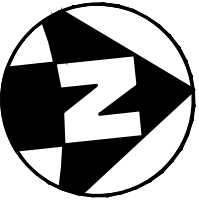
0 10 20 40

SHEET NAME:

**SURVEY PLAN -  
EXIT RAMP**

SHEET NO.

**G101**





ITEM 614 - MAINTAINING TRAFFIC

THE CONTRACTOR SHALL MAINTAIN TRAFFIC AT ALL TIMES IN ACCORDANCE WITH THE REQUIREMENTS OF ITEM 614 AND THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD); AND THE APPLICABLE STANDARD DRAWINGS FOR MAINTENANCE OF TRAFFIC (MT-SERIES); AND AS OUTLINED HEREIN.

A MINIMUM OF ONE (1) LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT DURING WORK HOURS.

TRAFFIC SHALL BE CONTROLLED WITH TEMPORARY TRAFFIC CONTROL DEVICES ARRANGED AS INDICATED IN THE OMUTCD, THE APPLICABLE STANDARD DRAWINGS FOR MAINTENANCE OF TRAFFIC, AND THE DETAILS PROVIDED HEREIN.

THE CONTRACTOR SHALL PROVIDE, ERECT, AND SUBSEQUENTLY REMOVE ALL WARNING AND INFORMATIONAL SIGNS AND OTHER TRAFFIC CONTROL DEVICES NECESSARY IN MAINTAINING TRAFFIC. TRAFFIC CONTROL DEVICES SHALL E SET UP PRIOR TO THE E START OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT BY THE CONTRACTOR. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS THEY ARE NEEDED AND SHALL BE IMMEDIATELY REMOVED THEREAFTER.

WHERE OPERATIONS ARE PERFORMED IN STAGES, THERE SHALL BE IN PLACE ONLY THOSE DEVICES THAT APPLY TO THE CONDITIONS DURING THAT STAGE OF PROGRESS ALL SIGNS WITH MESSAGES WHICH DO NOT APPLY DURING A CERTAIN PERIOD SHALL BE COVERED OR SET ASIDE OUT OF VIEW OF TRAFFIC.

UNLESS OTHERWISE APPROVED BY THE ENGINEER, WORK SHALL BE LIMITED TO ONE SIDE/SECTION AT A TIME. UNLESS DETAILED HEREIN OR OTHERWISE APPROVED BY THE ENGINEER, ALL NORMAL TRAFFIC MOVEMENTS FOR CROSS STREET INTERSECTIONS ARE TO BE MAINTAINED AT ALL TIMES. A MINIMUM LANE WIDTH OF TEN (10) FEET SHALL BE MAINTAINED AT ALL TIMES. AS PER THE OMUTCD, OPPOSING TRAFFIC SHALL BE SEPARATED BY A RETRO-REFLECTIVE CENTERLINE OR APPROPRIATELY SPACED DRUMS AT ALL TIMES.

TRAFFIC IS TO BE MAINTAINED IN A UNIFORM PATTERN THOUGH THE ENTIRE LENGTH OF THE PROJECT AND SHALL NOT BE SUBJECTED TO CONSTANT LANE SHIFTS.

ACCESS TO ALL ABUTTING BUSINESS AND RESIDENCES, AND OPERATION OF ALL TRAFFIC CONTROL AND TRAFFIC CONTROL DEVICES REQUIRED BY THE OMUTCD SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

THE CONTRACTOR SHALL SUBMIT TO DEERFIELD TOWNSHIP A DESCRIPTION OF THE PROPOSED SEQUENCE OF CONSTRUCTION OPERATIONS, LANE CLOSURES, AND DRIVE ACCESS FOR APPROVAL PRIOR TO COMMENCING WORK.

THE CONTRACTOR SHALL NOTIFY THE FOLLOWING 48 HOURS IN ADVANCE OF ANY STREET CLOSURE OR LANE CLOSURE:

WARREN COUNTY SHERIFF'S DEPARTMENT, PHONE 513-695-1280

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EQUIPMENT AND INFRASTRUCTURE FOR THE DURATION OF THE PROJECT.

LANE CLOSURES SHALL BE PERMITTED FROM 9 AM TO 3 PM AND AGAIN FROM 7 PM TO 7 AM ONLY. ALL LANE CLOSURES CAN ONLY OCCUR DURING WORK HOURS.

TRAFFIC SHALL BE MAINTAINED AT ALL INTERSECTIONS AND DRIVES AT ALL TIMES AND SHALL BE CONTROLLED WITH FLAGGERS AND TRAFFIC CONTROL DEVICES AS REQUIRED AND SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. UNLESS OTHERWISE SPECIFIED, A SEPARATE LEFT TURN STORAGE LANE WITH A MINIMUM OF FIFTY (50) FEET IN LENGTH IS TO BE PROVIDED AT ALL TIMES AT APPROPRIATE INTERSECTIONS BY MEANS OF CHANNELIZING DEVICES.

THE NORMAL OPERATION OF ALL TRAFFIC SIGNALS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE APPROVED IN ADVANCE BY THE ENGINEER. CARE SHALL BE EXERCISED NOT TO PERFORM ANY WORK WHICH MIGHT AFFECT THE OPERATION OF TRAFFIC SIGNAL DETECTORS OR UNDERGROUND WIRING UNTIL ARRANGEMENTS HAVE BEEN MADE WITH THE DEERFIELD PUBLIC WORKS DEPARTMENT AT 513-701-6958.

THE STANDARD DEVICE FOR CLOSING ANY LANES TO TRAFFIC SHALL BE PROPERLY WEIGHTED REFLECTORIZED DRUMS. CONES MAY BE USED IN THE DAY IN LIEU OF DRUMS IF APPROVED BY THE ENGINEER. CONES MUST BE WEIGHTED TO INCREASE STABILITY BY DOUBLE STACKING SAND BAGS, OR AS APPROVED BY THE ENGINEER.

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.

PRIOR TO IMPLEMENTING EACH PHASE, AS DETAILED ON THE MAINTENANCE OF TRAFFIC SEQUENCE TABLE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH LOCAL BUSINESSES AND OTHER STAKEHOLDERS IMPACTED DURING THE PHASE. THE CONTRACTOR SHALL CONTINUOUSLY UPDATE THESE STAKEHOLDERS AS TO THE LOCATION OF WORK AND ANTICIPATED COMPLETION DATE.

NO WORK SHALL BE PERFORMED AND ALL AVAILABLE LANES AND TURNING MOVEMENTS SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

CHRISTMAS  
NEW YEARS  
MEMORIAL DAY

FOURTH OF JULY  
LABOR DAY  
THANKSGIVING

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

| DAY OF HOLIDAY OR EVENT      | TIME ALL LANES MUST BE OPEN TO TRAFFIC  |
|------------------------------|---|
| SUNDAY                       | 12:00N FRIDAY THROUGH 6:00 AM MONDAY    |
| MONDAY                       | 12:00N FRIDAY THROUGH 6:00 AM TUESDAY   |
| TUESDAY                      | 12:00N MONDAY THROUGH 6:00 AM WEDNESDAY |
| WEDNESDAY                    | 12:00N TUESDAY THROUGH 6:00 AM THURSDAY |
| THURSDAY                     | 12:00N WEDNESDAY THROUGH 6:00 AM FRIDAY |
| THURSDAY (THANKSGIVING ONLY) | 12:00N WEDNESDAY THROUGH 6:00 AM MONDAY |
| FRIDAY                       | 12:00N THURSDAY THROUGH 6:00 AM MONDAY  |
| SATURDAY                     | 12:00N FRIDAY THROUGH 6:00 AM MONDAY    |

ITEM 614 - MAINTAINING TRAFFIC (CONT.)

REFERENCE OTHER CONTRACT DOCUMENTS (SPECIAL CONDITIONS) FOR ADDITIONAL SPECIAL EVENTS AFFECTED BY THIS PROJECT.

NO EXTENSIONS OF TIME SHALL BE GRANTED FOR DELAYS IN MATERIAL DELIVERIES, UNLESS SUCH DELAYS ARE INDUSTRY-WIDE, OR FOR LABOR STRIKES, UNLESS SUCH STRIKES ARE AREA-WIDE. SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$50 FOR EACH MINUTE THE ABOVE DESCRIBED LANE CLOSURE RESTRICTIONS ARE VIOLATED.

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, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

EQUIPMENT AND MATERIAL STORAGE

IN ORDER TO PROVIDE FOR THE SAFETY OF THE CONTRACTOR AND THE TRAVELING PUBLIC, THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FOLLOWING:

- A. CONSTRUCTION EQUIPMENT, MATERIALS, AND VEHICLES IN USE DURING WORKING HOURS SHALL NOT BE PARKED OR STORED ANY CLOSER THAN TEN (10) FEET TO THE EDGE OF THE LOCAL TRAFFIC ACCESS ROUTE. UNLESS BEHIND DRUMS OR TEMPORARY CONCRETE BARRIER.
- B. PRIVATE VEHICLES SHALL NOT BE PARKED WITHIN THE EXISTING RIGHT OF WAY LIMITS OF THIS PROJECT EXCEPT IN AREAS DESIGNATED BY THE ENGINEER.
- C. CONSTRUCTION EQUIPMENT, MATERIALS, AND VEHICLES SHALL NOT BE STORED WITHIN TWENTY-FIVE (25) FEET OF THE TRAVELED EDGE OF PAVEMENT DURING NON-WORKING HOURS UNLESS APPROPRIATE PRECAUTIONARY MEASURES HAVE BEEN TAKEN AND PRIOR APPROVAL HAS BEEN GIVEN BY THE ENGINEER.

MAINTAINING TRANSIT SERVICE

IF THE CONTRACTOR NEEDS TO CLOSE DOWN OR INTERRUPT SERVICE TO AN EXISTING BUS STOP THE CONTRACTOR MUST NOTIFY, A MINIMUM OF THIRTY (30) DAYS BEFORE ANTICIPATED CLOSURE, THE ENGINEER SO THAT TEMPORARY BUS STOPS CAN BE LOCATED OUTSIDE THE WORK AREA AS NEEDED..

PEDESTRIAN ACCESS

PEDESTRIAN TRAFFIC SHALL BE MAINTAINED. FLAGGERS MAY BE USED TO MAINTAIN PEDESTRIAN ACCESS. IF A CROSSWALK IS TO BE CLOSED, THEN PEDESTRIAN TRAFFIC SHALL BE DETOURED AS SHOWN ON ODOT S.C.D. MT-110.10.

CROSSWALKS SHALL BE CLOSED ONLY WHEN EXCAVATION REQUIRES CLOSURE OR WHILE THE CROSSWALK IS BEING REPLACED. WHEN A MARKED CROSSWALK IS CLOSED THE CONTRACTOR SHALL INSTALL A SUFFICIENT NUMBER OF BARRICADES TO BLOCK THE CROSSWALK AT EACH END AS NECESSARY.

TO MINIMIZE THE OVERALL IMPACT TO PEDESTRIANS AT INTERSECTIONS, FULL CORNER ACCESS RESTRICTIONS SHOULD BE LIMITED TO ONLY ONE CORNER DURING ANY TIME PERIOD. PEDESTRIAN RESTRICTIONS SHOULD BE CLEARLY DELINEATED AS SHOWN IN MT-110.10. PEDESTRIAN SIGNAL HEADS WHICH ARE ASSOCIATED WITH CLOSED OR RE-ROUTED CROSSINGS SHALL BE COVERED PER CMS 632.25.

COST FOR THE ABOVE DESCRIBED WORK SHALL BE CONSIDERED INCIDENTAL TO THE LUMP SUM BID FOR ITEM 614, MAINTENANCE OF TRAFFIC.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE CITY. THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD 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, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

| NOTIFICATION TIME TABLE                         |                        |                                   |
|---|------------------------|-----------------------------------|
| ITEM  | DURATION OF CLOSURE    | NOTICE DUE TO PERMITS & PIO       |
| RAMP & ROAD                                     | >= 2 WEEKS             | 21 CALENDAR DAYS PRIOR TO CLOSURE |
| CLOSURES  | > 12 HOURS & < 2 WEEKS | 14 CALENDAR DAYS PRIOR TO CLOSURE |
|   | < 12 HOURS             | 4 BUSINESS DAYS PRIOR TO CLOSURE  |
| LANE CLOSURES & RESTRICTIONS                    | >= 2 WEEKS             | 14 CALENDAR DAYS PRIOR TO CLOSURE |
|   | < 2 WEEKS              | 5 BUSINESS DAYS PRIOR TO CLOSURE  |
| START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES | N/A                    | 14 CALENDAR DAYS PRIOR TO CLOSURE |

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

ITEM 616 - DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616 - WATER 10 M GAL.

ITEM 614 - LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS

USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW WILL NOT BE PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED WHERE THE OMUTCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENT OS CMS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:

- DURING A TRAFFIC SIGNAL INSTALLATION WHEN IMPACTING THE NORMAL FUNCTION OF THE SIGNAL OR THE FLOW OF TRAFFIC OR WHEN TRAFFIC NEEDS TO BE DIRECTED THROUGH AN ENERGIZED TRAFFIC SIGNAL CONTRARY TO THE SIGNAL DISPLAY (E.G., DIRECTING MOTORISTS THROUGH A RED LIGHT).

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE LEOS WORK AT THE DIRECTION OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS WITH APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT THE CONTRACTOR AT THE END OF HIS/HER SHIFT. ONCE THE LEO HAS COMPLETED THE DUTIES DESCRIBED ABOVE AND STILL HAS TIME REMAINING ON HIS/HER SHIFT, THE LEO MAY BE ASKED TO PATROL THROUGH THE WORK ZONE (WITH FLASHING LIGHTS OFF) OR BE PLACED AT A LOCATION TO DETER MOTORISTS FROM SPEEDING. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMERY.

ITEM 614 - LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 8 HOURS

THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF A LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.

SEQUENCE OF CONSTRUCTION

IT IS THE INTENT OF THE FOLLOWING SEQUENCE OF CONSTRUCTION TO PROVIDE A WORK AREA FOR THE CONTRACTOR WHILE ALSO MAINTAINING TRAFFIC IN A MANNER WHICH IS SAFE FOR THE TRAVELING PUBLIC; THEREFORE, ALL PHASES SHALL HAVE STRICT ADHERENCE.

ALL TEMPORARY OR PERMANENT PAVEMENT MARKINGS SHALL BE IN PLACE BEFORE PAVEMENT IS OPENED TO TRAFFIC.

MINIMUM LANE WIDTHS FOR ROADWAY TYPICAL SECTIONS ARE 10 FEET FOR THRU LANES.

LOCAL PROPERTY OWNERS ACCESS MUST BE MAINTAINED AT ALL TIMES INCLUDING DRIVES AND BUILDING ENTRANCES.

A MINIMUM OF ONE (1) LANE OF TRAFFIC MUST BE MAINTAINED AT ALL TIMES EXCEPT WHERE ROAD CLOSURES ARE CALLED FOR IN THESE PLANS.

PHASE 1  
DESIGN SPEED: MASON MONTGOMERY ROAD 35 MPH  
SOUTHBOUND ON-RAMP 35 MPH  
THE CONTRACTOR SHALL PERFORM IMPROVEMENTS ALONG THE ON-RAMP LEFT SHOULDER BY CLOSING THE RIGHT LANE ON SOUTHBOUND MASON-MONTGOMERY ROAD AND A PORTION OF THE LEFT LANE ON THE SOUTHBOUND ON-RAMP FOR I-71 PER THE FOLLOWING SCDs:  
MT-95.31  
MT-98.28  
MT-105.10  
MT-110.10

PHASE 2  
DESIGN SPEED: MASON MONTGOMERY ROAD 35 MPH  
ESCORT ROAD 35 MPH  
THE CONTRACTOR SHALL PERFORM REMAINING IMPROVEMENTS VIA PRIVATE SITE ACCESS OR BY CLOSING THE RIGHT LANE ON SOUTHBOUND MASON-MONTGOMERY ROAD AS NEEDED PER THE FOLLOWING SCDs:  
MT-95.31  
MT-105.10

NOTE:  
THE SUGGESTED MAINTENANCE SEQUENCE OF CONSTRUCTION IS SOLELY INTENDED TO AID IN THE PLANNING OF THE ROADWAY OPERATIONS AND MAINTAINING OF TRAFFIC. ALL OTHER WORK IS TO BE PERFORMED AT THE APPROPRIATE TIMES.

NOTE :  
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Cincinnati, Ohio 45243  
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SEAL:

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| 1   | 06.30.2025 | 100% CD BID SET |

DEERFIELD TWP  
STREETSCAPE -  
HILLSLOPE + I-71  
SOUTH EXIT RAMP  
DEERFIELD TOWNSHIP, OHIO

PROJECT NO: 230146.002

DATE: 06.30.2025

SCALE:

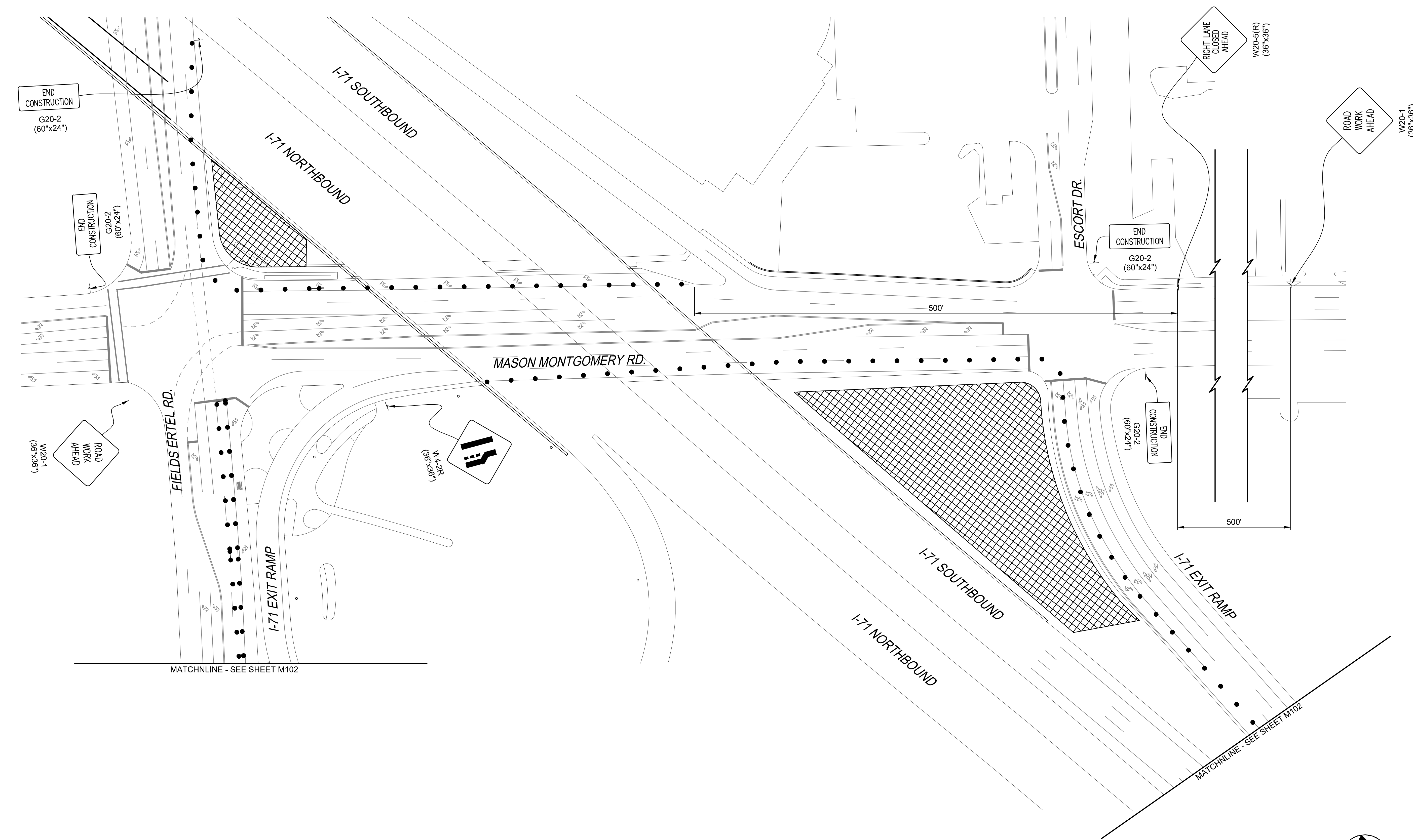
SHEET NAME:

MAINTENANCE OF  
TRAFFIC NOTES

SHEET NO.

M100





LEGEND

DIRECTION OF TRAVEL

DRUMS/CONES

WORK AREA

NOTE:  
ALL PROPOSED OVERHEAD SIGN RELOCATIONS SHALL BE RESTORED BACK TO THE ORIGINAL CONFIGURATION AT COMPLETION OF THE PROJECT. ANY DAMAGED SIGNS OR HARDWARE SHALL BE REPAIRED AND/OR REPLACED AT THE CONTRACTOR'S EXPENSE.

NOTE:  
UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILATION OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 1-800-362-2764 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.

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|-----|------------|-----------------|
| 1   | 06.30.2025 | 100% CD BID SET |

DEERFIELD TWP  
STREETSCAPE -  
HILLSLOPE + I-71  
SOUTH EXIT RAMP  
DEERFIELD TOWNSHIP, OHIO

PROJECT NO:

230146.002

DATE:

06.30.2025

SCALE:

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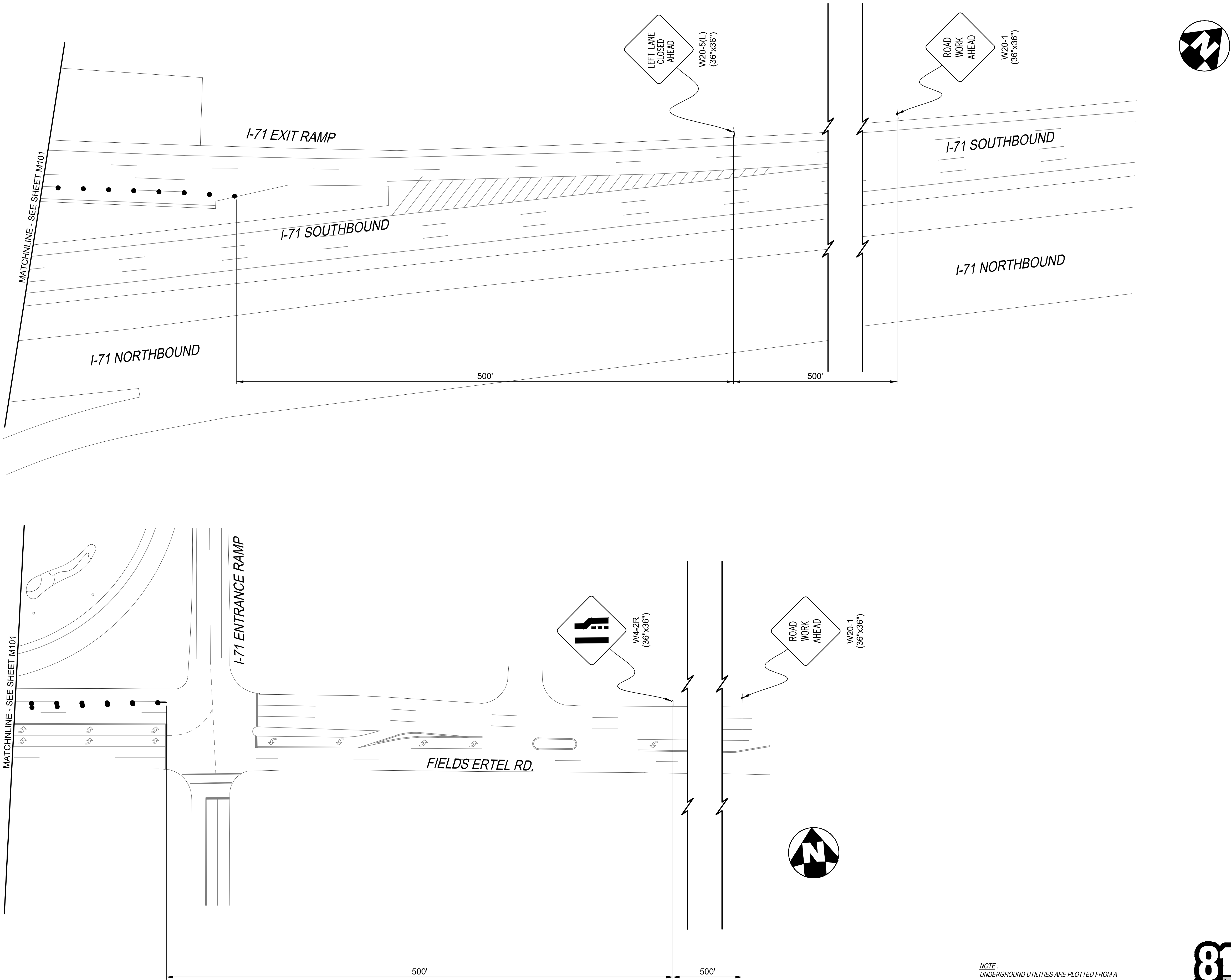
SHEET NAME:

MAINTENANCE OF TRAFFIC PLANS

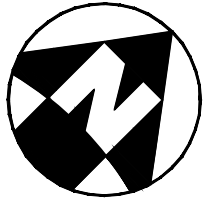
SHEET NO.

M101





NOTE :  
UNDERGROUND UTILITIES ARE PLOTTED FROM A  
COMPILATION OF AVAILABLE RECORD INFORMATION AND  
SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND  
MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE  
EXISTENCE OR NON EXISTENCE OF UNDERGROUND UTILITIES  
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| 1   | 06.30.2025 | 100% CD BID SET |

**DEERFIELD TWP  
STREETSCAPE -  
HILLSLOPE + I-71  
SOUTH EXIT RAMP**  
DEERFIELD TOWNSHIP, OHIO

PROJECT NO: 230146.002  
DATE: 06.30.2025  
SCALE:  
0 25 50 100

SHEET NAME:

**MAINTENANCE OF  
TRAFFIC PLANS**

SHEET NO.

**M102**



GENERAL NOTES

- THE DEERFIELD TOWNSHIP, AND THE CURRENT EDITION OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS (ODOT CMS), INCLUDING ALL SUPPLEMENTS, SHALL GOVERN ALL MATERIALS AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN ON THIS PLAN. IGNORE REFERENCES TO MEASUREMENT AND PAYMENT IN THE ODOT CMS UNLESS NOTED OTHERWISE. IN THE CASE OF CONFLICTS BETWEEN THE ODOT CMS AND THE DEERFIELD TOWNSHIP REQUIREMENTS, THE DEERFIELD TOWNSHIP REQUIREMENTS SHALL PREVAIL.
- 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 CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECT ON THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL CALL, TOLL FREE, THE OHIO UTILITIES PROTECTION SERVICE (8-1-1 OR 1-800-962-2764) 48 HOURS (EXCLUDING WEEKENDS AND HOLIDAYS) PRIOR TO CONSTRUCTION AND SHALL NOTIFY ALL UTILITY COMPANIES WHO ARE NON-MEMBERS OF THE OHIO UTILITIES PROTECTION SERVICE AT LEAST 48 HOURS (EXCLUDING WEEKENDS AND HOLIDAYS) PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES.
- CONTRACTOR SHALL OBTAIN A PERMIT FOR ALL CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS.
- THE CONTRACTOR IS TO PERFORM ALL INSPECTIONS AS REQUIRED BY THE OHIO EPA FOR THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND FURNISH OWNERS REPRESENTATIVE WITH WRITTEN REPORTS.
- THE CONTRACTOR IS REQUIRED TO VISIT THE SITE AND FULLY INFORM THEMSELVES CONCERNING ALL CONDITIONS AFFECTING THE SCOPE OF THE WORK. FAILURE TO VISIT THE SITE SHALL NOT RELIEVE THEM FROM ANY RESPONSIBILITY IN THE PERFORMANCE OF THE CONTRACT.
- NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR EXPENSES INCURRED DUE TO SOIL CONDITIONS, GROUNDWATER, AND/OR ROCK EXCAVATION. ALL OF THESE ITEMS SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- THE COST OF ALL DEWATERING REQUIRED FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- THE DIRECT OR INDIRECT DISCHARGE OR PUMPING OF UNFILTERED SEDIMENT-LADEN WATER INTO THE STORM DRAINAGE SYSTEM OR WATERCOURSE IS ILLEGAL AND PROHIBITED.
- ANY WELL, WELL POINT, PIT, OR OTHER DEVICE INSTALLED FOR THE PURPOSE OF LOWERING THE GROUND WATER TO FACILITATE CONSTRUCTION SHALL BE PROPERLY ADAPTED IN ACCORDANCE WITH THE PROVISIONS OF THE WELL PROVISIONS OF SECTION 3745-9-10 OF THE OHIO ADMINISTRATIVE CODE OR IN ACCORDANCE WITH THE PROVISIONS OF THIS PLAN AS DIRECTED BY THE DIRECTOR OF PUBLIC UTILITIES OR HIS REPRESENTATIVE.
- ANY CONTRACTOR INSTALLING ANY WELL, WELL POINT, PIT, OR OTHER DEVICE USED FOR THE PURPOSE OF REMOVING GROUND WATER FROM AN AQUIFER SHALL COMPLETE AND FILE A WELL LOG AND DRILLING REPORT FORM WITH THE OHIO DEPARTMENT OF NATURAL RESOURCES (ODNR), DIVISION OF WATER, WITHIN 30 DAYS OF THE WELL COMPLETION IN ACCORDANCE WITH THE OHIO REVISION CODE SECTION 1521.01 AND 1521.05 IN ADDITION, ANY SUCH FACILITY IS COMPLETED IN ACCORDANCE WITH SECTION 1521.16 OF THE OHIO REVISION CODE. FOR COPIES OF THE NECESSARY WELL LOG, DRILLING REPORT, OR REGISTRATION FORMS, PLEASE CONTACT: OHIO DEPARTMENT OF NATURAL RESOURCES, 2045 MORSE ROAD, COLUMBUS, OHIO 43229, 614-395-6270.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE TO THE ODNR FOR THE REGISTRY, MAINTENANCE AND ABANDONMENT OF ANY WITHDRAWAL DEVICE USED IN CONSTRUCTION OF THIS PROJECT.
- ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT AND/OR FACE OF CURB, UNLESS OTHERWISE NOTED.
- ALL SITE SIGNAGE, STRIPING COLOR AND WIDTH SHALL BE PER THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- ALL EXISTING PAVEMENTS, WALKS, CURBS, ETC. SHALL BE FULL DEPTH SAWCUT BEFORE REMOVAL. IF, DURING CONSTRUCTION, THE PAVEMENT, WALKWAY, CURB, ETC. IS DAMAGED BEYOND THE ORIGINAL SAWCUT, THE DAMAGED AREA SHALL BE RE-CUT TO NEAT LINES AS DIRECTED BY THE ENGINEER. PAYMENT FOR SAWCUTTING SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- THE CONTRACTOR SHALL FULL DEPTH SAWCUT EXISTING PAVEMENT TO PROVIDE A SMOOTH VERTICAL FULL DEPTH BUTT JOINT BETWEEN THE EXISTING PAVEMENT OR CURB AND THE PROPOSED PAVEMENT. CONTRACTOR SHALL LOCATE SOUND PAVEMENT EDGE AND CUT AND TRIM PAVEMENT TO A NEAT LINE. INCLUDE THE COST OF PAVEMENT REMOVAL AND DISPOSAL IN THE PRICE BID FOR THE PROJECT.

GRADING NOTES

- CONTRACTOR TO REMOVE TREES AND CLEAR AREAS AS NECESSARY TO PERFORM ALL SITE WORK INCLUDING GRADING AND UTILITY WORK.
- PROTECTION OF EXISTING TREES AND VEGETATION: PROTECT EXISTING TREES AND OTHER VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING OR SKINNING OF ROOTS, SKINNING OR BRUISING OF BARK, SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION MATERIALS OR EXCAVATED MATERIALS WITHIN DRIP LINE, EXCESS FOOT OR VEHICULAR TRAFFIC, OR PARKING OF VEHICLES WITHIN DRIP LINE. PROVIDE TEMPORARY GUARDS TO PROTECT TREES AND VEGETATION TO BE LEFT STANDING.
- ALL ELEVATIONS SHOWN ARE FINISHED GRADE ELEVATIONS.
- SITE BUILDING PAD EXCAVATION AND CONSTRUCTION TO BE PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. BUILDING PAD PREPARATION SHALL BEGIN BY CLEARING & STRIPPING UNSUITABLE MATERIAL FROM PAD SITE. THEN PLACE & COMPACT BACKFILL MATERIAL AT GEOTECHNICAL ENGINEERS AND ARCHITECTS RECOMMENDATIONS. ALL BACKFILL MATERIAL MUST BE ACCEPTABLE TO THE GEOTECHNICAL ENGINEER.
- ALL FILL UNDER PAVEMENT SHALL BE COMPACTED TO THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR BALANCING THE SITE EARTHWORK ON SITE. THE CONTRACTOR IS RESPONSIBLE FOR BURY/BORROW PITS AS NEEDED TO BALANCE THE SITE. GEOTECH AND ENGINEER MUST APPROVE AREAS PRIOR TO BURY/BORROW OPERATIONS. AS-BUILT OF BURY/BORROW PIT WILL BE REQUIRED AT COMPLETION OF CONTRACTOR WORK AND MUST BE SUBMITTED TO THE CONSTRUCTION MANAGER.
- CONTRACTOR SHALL IMPLEMENT ALL SOIL AND EROSION CONTROL PRACTICES REQUIRED BY DEERFIELD TOWNSHIP AND THE OHIO EPA.
- ALL GROUND SURFACE AREAS THAT HAVE BEEN EXPOSED OR LEFT BARE AS A RESULT OF CONSTRUCTION AND ARE TO REMAIN SO, ARE TO REMAIN SO. SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. IF NO SPECIFICATIONS ARE SUPPLIED, USE ODOT ITEM 659.
- CONTRACTOR TO LAYOUT BUILDING BASED ON ARCHITECTURAL/FOUNDATION PLANS. SITE PLAN IS FOR CONCEPTUAL PURPOSES ONLY.

UTILITY NOTES

- ALL DRAIN TILE AND STORM SEWERS DAMAGED, DISTURBED OR REMOVED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED WITH THE SAME QUALITY PIPE OR BETTER, MAINTAINING THE SAME GRADIENT AS EXISTING. THE DRAIN TILE AND/OR STORM SEWER SHALL BE CONNECTED TO THE CURB SUBDRAIN, STORM SEWER SYSTEM OR OUTLETTED INTO THE ROADWAY DITCH AS APPLICABLE. REPLACED DRAIN TILE/STORM SEWER SHALL BE LAID ON COMPACTED BEDDING EQUAL IN DENSITY TO SURROUNDING STRUTUM. REPLACEMENT SHALL BE DONE AT THE TIME OF THE BACKFILL OPERATION. COST OF THIS WORK TO BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- ALL EXISTING UTILITIES KNOWN TO EXIST HAVE BEEN SHOWN ON THESE PLANS IN THEIR APPROXIMATE LOCATION. PRIOR TO THE BEGINNING OF CONSTRUCTION OR EARTH MOVING OPERATIONS, THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF THE UTILITIES SHOWN. THE CONTRACTOR IS ALSO RESPONSIBLE FOR THE PROTECTION AND/OR RELOCATION OF ANY UTILITIES THAT MAY EXIST AND ARE NOT SHOWN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION AND/OR PROTECTION OF ANY UTILITIES AS REQUIRED BY THE PLAN WITH THE OWNER OF THE AFFECTED UTILITY.
- UTILITY POLES WITHIN INFLUENCE OF THE UTILITY OPERATIONS SHALL BE REINFORCED BY THE UTILITY COMPANY PRIOR TO THESE CONSTRUCTION ACTIVITIES. NOTIFICATION OF THE UTILITY COMPANY PRIOR TO CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- COMPACTED FILLS ARE TO BE MADE TO A MINIMUM OF THREE FEET ABOVE THE CROWN OF ANY PROPOSED SEWER PRIOR TO CUTTING OF TRENCHES FOR PLACEMENT OF SAID SEWERS. ALL FILLS SHALL BE CONTROLLED, COMPACTED, AND INSPECTED BY AN APPROVED TESTING LABORATORY OR AN INSPECTOR FROM THE APPROPRIATE GOVERNMENTAL AGENCY.
- CONTRACTOR TO REPLACE ANY PAVEMENT OR UTILITIES DAMAGED WHICH ARE NOT SPECIFIED TO BE REMOVED ON THESE PLANS.
- ALL CATCH BASINS PLACED WITHIN THE PAVEMENT SHALL HAVE HEAVY DUTY FRAMES AND GRATES. CATCH BASINS WITHIN AN ACCESSIBLE ROUTE SHALL CONFORM TO ADA REQUIREMENTS.
- ADJUST ALL EXISTING CASTINGS AND CLEANOUTS WITHIN PROJECT AREA TO GRADE AS REQUIRED.
- ALL CATCH BASINS WITH DEPTH GREATER THAN 6' SHALL BE PROVIDED WITH STEPS. STEPS SHALL MEET THE REQUIREMENTS OF ODOT ITEM 611.
- ALL STORM MANHOLES WITH A DEPTH GREATER THAN 6' SHALL BE PROVIDED WITH STEPS. STEPS SHALL MEET THE REQUIREMENTS OF ODOT ITEM 611.
- DISTANCES SHOWN FOR STORM SEWER PIPES ARE MEASURED FROM CENTER OF STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR ACTUAL FIELD LOCATION COORDINATES FOR STORM STRUCTURES ARE SHOWN TO THE CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.
- IMMEDIATELY AFTER PLACEMENT OF ANY CONDUITS, THE CONTRACTOR SHALL CONSTRUCT THE END TREATMENTS REQUIRED BY THE PLANS AT BOTH THE OUTLET AND INLET ENDS. THIS SHALL INCLUDE HEADWALLS, CONCRETE, RIP RAP, ROCK CHANNEL PROTECTION, SODDING, POURING BOTTOMS, MUDDING LIFT HOLES, ETC.
- ALL PROPOSED STORM SEWERS, SURFACE OR OTHER DRAINAGE FACILITIES ARE TO BE PRIVATE AND MAINTAINED BY THE OWNER. EROSION CONTROL MEASURES MUST PROVIDE PROTECTION UNTIL COMPLETION OF THE PROJECT AND VEGETATIVE STABILIZATION.
- FOUNDATION DRAINS AND ALL OTHER CLEAR WATER CONNECTIONS TO THE SANITARY SEWER SYSTEMS ARE PROHIBITED.
- ALL STORM STRUCTURES ARE ODOT TYPES UNLESS OTHERWISE INDICATED.
- STORM SEWER PIPE LABELED "STM" SHALL BE ONE OF THE FOLLOWING: PVC SDR-35 PER ODOT ITEM 707.45, PVC PROFILE PIPE PER ODOT ITEM 707.43, HIGH DENSITY POLYETHYLENE PER ODOT ITEM 707.33, ALUMINIZED CORRUGATED METAL ODOT ITEM 707.61, 707.61 OR 707.62, OR REINFORCED CONCRETE PER ODOT ITEM 706.02 CLASS IV. STORM SEWER PIPE LABELED "RCP" SHALL BE REINFORCED CONCRETE PIPE, ODOT ITEM 706.02 CLASS IV. ALL STORM IS TO BE INSTALLED PER ODOT ITEM 611. ALL STORM PIPE USED MUST HAVE A MANUFACTURER SPECIFIED FRICTION FACTOR OF 0.013 (N=0.013) OR LESS.
- ALL CATCH BASINS IN THE PAVEMENT ARE TO HAVE 4, 4" PERFORATED UNDERDRAINS EXTENDING 10 LF FROM THE CATCH BASIN IN THE UPHILL DIRECTION AND CAPPED. ALL CATCH BASINS IN THE CURB ARE TO HAVE 2, 4" PERFORATED UNDERDRAINS EXTENDING 10 LF FROM THE CATCH BASIN IN THE UPHILL DIRECTION AND CAPPED.

- ALL EXISTING INVERTS ALONG PROPOSED PIPE ALIGNMENTS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION OF THE SEWER.
- ANY FIELD TILE CUT IN EXCAVATION WHICH DRAINS IN AN OFFSITE AREA MUST BE TIED INTO THE STORM DRAINAGE SYSTEM.
- THE FLOW IN ALL SEWERS, DRAINS, FIELD TILES AND WATERCOURSES ENCOUNTERED SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS OWN EXPENSE, AND WHENEVER SUCH WATERCOURSES AND DRAINS ARE DISTURBED OR DESTROYED DURING THE PROSECUTION OF THE WORK, THEY SHALL BE RESTORED BY THE CONTRACTOR AT HIS OWN EXPENSE TO A CONDITION SATISFACTORY TO THE ENGINEER.
- ALL WATERLINE CROSSINGS SHALL MAINTAIN A VERTICAL SEPARATION OF 18" MINIMUM. SANITARY SEWER SHALL BE LOCATED A MINIMUM OF 18" BELOW WATERLINE AT ALL CROSSINGS. WATERLINE SHALL BE LOCATED A MINIMUM OF 10" HORIZONTALLY FROM ANY SANITARY SEWER. ALL MEASUREMENTS SHALL BE TAKEN FROM OUTSIDE OF SEWER PIPE TO THE OUTSIDE OF WATERLINE PIPE. ONE FULL LENGTH OR WATERLINE PIPE SHALL BE LOCATED AT ALL CROSSINGS TO ENABLE BOTH JOINTS TO BE LOCATED AS FAR FROM SEWER AS POSSIBLE. ALL WATER SHALL HAVE A MINIMUM OF 4' OF COVER.

PROJECT DATA

PROJECT DESCRIPTION  
SITE BEAUTIFICATION AT TWO INTERSECTIONS INCLUDING SITE WALLS, DRAINAGE IMPROVEMENTS, AND LANDSCAPING

LATITUDE: N 39°17'34.59"  
LONGITUDE: W 84°18'57.30"  
ESTIMATED CONSTRUCTION DATES: XX/XX/XXXX - XX/XX/XXXX  
EXISTING LAND USE: OVERGROWN INTERSECTION

CONSTRUCTION SEQUENCE

TO COMPLETE THE EXCAVATION AND CONSTRUCTION OF THE PROPOSED JOB IMPROVEMENTS, COORDINATION OF THE CONTRACTOR'S WORK CREWS WILL BE REQUIRED. THE EXISTING DITCHES WILL PERFORM TEMPORARY SEDIMENT CONTROL AND STORAGE DURING THE PROPOSED CONSTRUCTION. WORK WILL GENERALLY PROCEED FROM DOWNSTREAM TO UPSTREAM IN THESE WORK AREAS. THE GENERAL CONSTRUCTION SEQUENCE IS AS FOLLOWS:

- INSTALL EROSION CONTROL ITEMS.
- STRIP TOPSOIL AND ANY UNSUITABLE MATERIAL THROUGH THE INCREMENTAL WORK AREA.
- INSTALL TEMPORARY DITCH CHECKS IN DOWNSTREAM END OF EXISTING DITCH WITHIN 24 HOURS FOLLOWING THE STRIPPING OPERATION.
- IF U/S PIPE IS CALLED FOR IN THIS PORTION OF WORK AREA, PIPE CREW WILL INSTALL PIPE AS WELL AS MANHOLES.
- AS PIPE INSTALLATION PROGRESSES, REPAIR OF THE ROADWAY WILL PROCEED BEHIND IT.
- ANY DISTURBED OR EXPOSED AREAS SHALL BE STABILIZED PER OEPA TEMPORARY AND PERMANENT STABILIZATION REGULATIONS INCLUDING:
  - SEEDING
  - DITCH MATTING
  - INLET PROTECTION
  - MULCHING
  - WATERING

GENERAL NOTES

THE CONTRACTOR IS HEREBY ADVISED THAT STRICTER POLLUTION CONTROL STANDARDS AND ENFORCEMENT HAVE BEEN IMPOSED BY THE OHIO EPA SINCE MARCH 10, 2003 AND WITH REVISIONS IN APRIL 2018 AND IN APRIL 2023. ALSO, MANY PRIVATE CITIZEN ENVIRONMENTAL GROUPS, WHO HAVE BEEN KNOWN TO FILE CIVIL LEGAL ACTIONS, ARE PRESENT IN THE AREA AND OBSERVE ALL CONSTRUCTION OPERATIONS.

THE CONTRACTOR SHALL INFORM ALL SUBCONTRACTORS OF THE REQUIREMENTS AND RESPONSIBILITIES OF THE SWPPP AND SHALL DOCUMENT ALL SUCH NOTIFICATIONS AND/OR DISCUSSIONS.

THE CONTRACTOR WILL BE REQUIRED TO PARTICIPATE IN SEDIMENT AND EROSION CONTROL INSPECTIONS ON A WEEKLY BASIS AND SIGN AN APPROVED INSPECTION SHEET THAT SHALL BE KEPT ON FILE AT THE JOB SITE.

UNLESS OTHERWISE NOTED, STANDARDS AND SPECIFICATIONS ESTABLISHED IN THE LATEST EDITION OF THE OEPA "RAINWATER AND LAND DEVELOPMENT" HANDBOOK SHALL GOVERN THE EROSION AND SEDIMENT CONTROL INSTALLATIONS SPECIFIED ON THIS PLAN.

THIS PROJECT WILL INVOLVE SEVERAL CONSTRUCTION PHASES AND SEQUENCING THROUGHOUT ITS LIFETIME. IT IS VERY IMPORTANT THAT ALL TEMPORARY SEDIMENT AND EROSION CONTROL (S&EC) FIELD METHODS ALONG WITH THIS PLAN, ARE UPDATED TO REFLECT THE ACTUAL FIELD CONDITIONS, CURRENT WEATHER CONDITIONS AND SITE GRADE CHANGES. THE ENGINEER OR THE OHIO EPA CAN AND WILL MODIFY THIS PLAN AS NECESSARY.

THE CONTRACTOR WILL VOLUNTARILY SELF REPORT ANY POTENTIAL VIOLATIONS OF THE OEPA NPDES PERMIT TO THE ENGINEER AND THE OEPA.

THE CONTRACTOR SHALL REMOVE EXISTING GROUND COVER ONLY AS NECESSARY FOR THE PROJECT PHASE CURRENTLY UNDER CONSTRUCTION.

CONSTRUCTION AND DEMOLITION DEBRIS SHALL BE PROPERLY DISPOSED OF ACCORDING TO OHIO EPA REQUIREMENTS.

THE CONTRACTOR WILL BE REQUIRED TO BUILD SEDIMENT BASINS OR SEDIMENT TRAPS OR USE EQUAL METHODS TO DETAIN AND CLEAN WATER TO ACCEPTABLE EPA STANDARDS BEFORE RELEASING THE WATER BACK INTO THE STREAM.

THERE SHALL BE NO TURBID DISCHARGES TO SURFACE WATERS, RESULTING FROM DEWATERING ACTIVITIES. SEDIMENT-LADEN WATER MUST PASS THROUGH A SETTLING POND, FILTER BAG, OR OTHER COMPARABLE PRACTICE, PRIOR TO DISCHARGE.

NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORM WATER RUNOFF.

ALL PROCESS WASTEWATER (EQUIPMENT WASHING, LEACHATE FROM ON-SITE WASTE DISPOSAL, ETC.) SHALL BE COLLECTED AND DISPOSED OF AT A PUBLICLY OWNED TREATMENT WORKS.

ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH ALL LOCAL EROSION/SEDIMENT CONTROL, WASTE DISPOSAL, SANITARY AND HEALTH REGULATIONS. OTHER EROSION CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND IMPLEMENTATION OF ADDITIONAL EROSION CONTROL ITEMS, AT THE ENGINEER'S DISCRETION.

NO SOIL, ROCK, DEBRIS OR OTHER MATERIAL SHALL BE DUMPED OR PLACED IN ANY AREAS NOT ADEQUATELY PROTECTED BY EROSION CONTROL INSTALLATIONS.

IT IS PREFERRED TO USE PERMANENT EROSION CONTROL ITEMS AS SHOWN IN THE PLANS TO CONTROL CONSTRUCTION POLLUTION WHEN POSSIBLE. OTHERWISE, THE TEMPORARY POLLUTION PREVENTION ITEMS ARE TO BE USED.

MOST TEMPORARY S&EC METHODS, INCLUDING BUT NOT LIMITED TO, SILT FENCE AND DITCH CHECKS MAY ALL HAVE TO BE PERIODICALLY REMOVED AND REPLACED, OR MOVED FROM THE EXISTING ROAD DITCH OR STRIPPED AREAS AS WORK PROGRESSES. ANY CHANGES SHALL BE NOTED IN THE PLAN BY RED LINE AND DATED ON A CORRECTIVE ACTION LOG.

ALL TEMPORARY SEDIMENT CONTROLS AND STORM WATER QUALITY METHODS WILL BE BUILT/INSTALLED AS THE PROJECT PROGRESSES TO ELIMINATE UNNECESSARY DISTURBANCE AND REDUNDANCY. ALL TEMPORARY CONTROLS SHALL BE IN PLACE AND FUNCTIONING PROPERLY WHEN THREATENING WEATHER IS IMMINENT.

"TEMPORARY STABILIZATION" MEANS THE ESTABLISHMENT OF TEMPORARY VEGETATION, MULCHING, GEOTEXTILES, SOD, PRESERVATION OF EXISTING VEGETATION AND OTHER TECHNIQUES CAPABLE OF QUICKLY ESTABLISHING COVER OVER DISTURBED AREAS TO PROVIDE EROSION CONTROL BETWEEN CONSTRUCTION OPERATIONS.

"PERMANENT STABILIZATION" MEANS THE ESTABLISHMENT OF PERMANENT VEGETATION, DECORATIVE LANDSCAPE MULCHING, MATTING, SOD, RIP RAP AND LANDSCAPING TECHNIQUES TO PROVIDE PERMANENT EROSION CONTROL, ON AREAS WHERE CONSTRUCTION OPERATIONS ARE COMPLETE OR WHERE NO FURTHER DISTURBANCE IS EXPECTED FOR AT LEAST A YEAR.

OFF-SITE TRACKING OF SEDIMENTS SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO REDUCE VERTEBRATE TRACKING OF SEDIMENTS. ALL PAVED STREETS ADJACENT TO THE SITE WILL BE SWEEP DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARP.

STABILIZATION PRACTICES

PERMANENT SEEDING AND MULCHING STABILIZATION SHALL BE PROVIDED PER OEPA GUIDELINES AS SET FORTH IN PART I.B OF OHIO EPA PERMIT NO.: OHCD00006. (SEE TABLE 1)

| TABLE 1: PERMANENT STABILIZATION  |  |
|---|--|
| AREA REQUIRING PERMANENT STABILIZATION                                      | TIME FRAME TO APPLY EROSION CONTROLS                       |
| ANY AREAS THAT WILL LIE DORMANT FOR ONE YEAR OR MORE                        | WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE           |
| ANY AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND AT FINAL GRADE | WITHIN TWO DAYS OF REACHING FINAL GRADE                    |
| ANY OTHER AREAS AT FINAL GRADE  | WITHIN SEVEN DAYS OF REACHING FINAL GRADE WITHIN THAT AREA |

TEMPORARY SEEDING AND MULCHING STABILIZATION SHALL BE PROVIDED PER OEPA GUIDELINES AS SET FORTH IN PART I.B OF OHIO EPA PERMIT NO.: OHCD00006. (SEE TABLE 2)

| TABLE 2: TEMPORARY STABILIZATION   |  |
|--|--|
| AREA REQUIRING TEMPORARY STABILIZATION   | TIME FRAME TO APPLY EROSION CONTROLS   |
| ANY DISTURBED AREAS WITH 50 FEET OF A SURFACE WATER OF THE STATE AND NOT AT FINAL GRADE  | WITHIN TWO DAYS OF THE MOST RECENT DISTURBANCE IF THE AREA WILL REMAIN DORMANT FOR MORE THAN 14 DAYS |
| FOR ALL CONSTRUCTION ACTIVITIES, ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE | WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA                                     |
| DISTURBED AREAS THAT WILL BE IDLE OVER WINTER  | PRIOR TO THE ONSET OF WINTER WEATHER   |

ALL TEMPORARY EROSION AND SEDIMENT CONTROL INSTALLATIONS SHALL BE REMOVED WHEN 70% VEGETATION HAS BEEN REACHED.

SEEDING & MULCHING

MULCH AND/OR OTHER APPROPRIATE VEGETATIVE PRACTICES SHALL BE APPLIED TO DISTURBED AREAS WITHIN 7 DAYS OF GRADING IF THE AREA IS TO REMAIN DORMANT (UNDISTURBED) FOR MORE THAN 14 DAYS OR ON AREAS AND PORTIONS OF THE SITE WHICH CAN BE BROUGHT TO FINAL GRADE.

MULCH SHALL CONSIST OF UNROTTED SMALL GRAIN STRAW APPLIED AT THE RATE OF 2 TONS/AC, OR 90 LB./1000 SQ. FT. (TWO TO THREE BALES). THE STRAW MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THE SOIL SURFACE IS COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1000-SQ.-FT. SECTIONS AND PLACE TWO 45-LB. BALES OF STRAW IN EACH SECTION.

MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR RUNOFF. THE FOLLOWING ARE ACCEPTABLE METHODS FOR ANCHORING MULCH:

- MECHANICAL-USE A DISK, CRIMPER, OR SIMILAR TYPE TOOL, SET STRAIGHT TO PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL. STRAW MECHANICALLY ANCHORED SHALL NOT BE FINELY CHOPPED BUT BE LEFT GENERALLY LONGER THAN 6 IN.
- MULCH NETTINGS-USE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS, FOLLOWING ALL PLACEMENT AND ANCHORING SUGGESTIONS. USE IN AREAS OF WATER CONCENTRATION AND STEEP SLOPES TO HOLD MULCH IN PLACE.
- SYNTHETIC BINDERS-FOR STRAW MULCH, SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRITAC), DCA-70, PETROSOL, TERRA TACK OR EQUAL MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER. ALL APPLICATIONS OF SYNTHETIC BINDERS MUST BE CONDUCTED IN SUCH A MANNER WHERE THERE IS NO CONTACT WITH WATERS OF THE STATE.
- WOOD CELLULOSE FIBER - WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. THE FIBER BINDER SHALL BE APPLIED AT A NET DRY WEIGHT OF 750 LB./ACRE. THE WOOD CELLULOSE FIBER SHALL BE MIXED WITH WATER AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LB./100 GAL. OF WOOD CELLULOSE FIBER.

| TEMPORARY SEEDING & MULCHING FOR EROSION CONTROL |                                  |                                    |
|--|----------------------------------|------------------------------------|
| SEED TYPE  | PER 1,000 SQ.FT                  | PER ACRE                           |
| PERENNIAL RYEGRASS                               | 1 POUND                          | 40 POUNDS                          |
| TALL FESCUE                                      | 1 POUND                          | 40 POUNDS                          |
| ANNUAL RYEGRASS                                  | 1 POUND                          | 40 POUNDS                          |
| SMALL GRAIN STRAW                                | 90 POUNDS                        | 2 TONS                             |
| FERTILIZER                                       | 6 POUNDS OF 10-10-10 OR 12-12-12 | 250 POUNDS OF 10-10-10 OR 12-12-12 |

NOTE: OTHER APPROVED SPECIES MAY BE SUBSTITUTED

STOCKPILE

SILT FENCING SHALL BE INSTALLED AROUND TEMPORARY SPOIL STOCKPILES. THESE STOCKPILES SHALL BE STRAW MULCHED AND/OR TEMPORARILY SEEDDED WITHIN 7 WORKING DAYS IF LEFT DORMANT FOR 14 DAYS OR LONGER.

TIMING OF CONTROLS/MEASURES

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, CONSTRUCTION ENTRANCE(S) AND SILT FENCE WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. SEDIMENT CONTROL DEVICES SHALL BE IMPLEMENTED FOR ALL AREAS REMAINING DISTURBED LONGER THAN 14 DAYS AND/OR WITHIN 7 DAYS OF ANY GRUBBING ACTIVITIES. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 14 DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 3 DAYS OF THE LAST DISTURBANCE IF THE AREA IS WITHIN 50 FEET OF A STREAM, AND WITHIN 7 DAYS OF THE LAST DISTURBANCE IF THE AREA IS MORE THAN 50 FEET AWAY FROM A STREAM. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED WITH PERMANENT SEED AND MULCH. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE BASIN.

| STABILIZATION TYPE | J | F | M  | A  | M  | J  | J  | A  | S  | O  | N  | D  |
|--------------------|---|---|----|----|----|----|----|----|----|----|----|----|
| PERMANENT SEEDING  |   |   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  |
| DORMANT SEEDING    | * | * | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  |
| TEMPORARY SEEDING  | * | * | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  |
| SODDING            |   |   | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| MULCHING           | * | * | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  |

MAINTENANCE

THE CONTRACTOR SHALL MAINTAIN, REPAIR, OR REPLACE ALL EROSION CONTROL INSTALLATIONS AS NEEDED TO ENSURE THE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL REPAIRS TO BMPs SHALL BE MADE WITHIN 3 DAYS (OR SOONER IF POSSIBLE) OF NOTIFICATION OF DEFICIENCIES. IF THE CORRECTIONS ARE NOT MADE WITHIN THE 3 DAY PERIOD, LIQUIDATED DAMAGES MAY BE ASSESSED AS PER THE ODOT CMS SECTION 108.07.

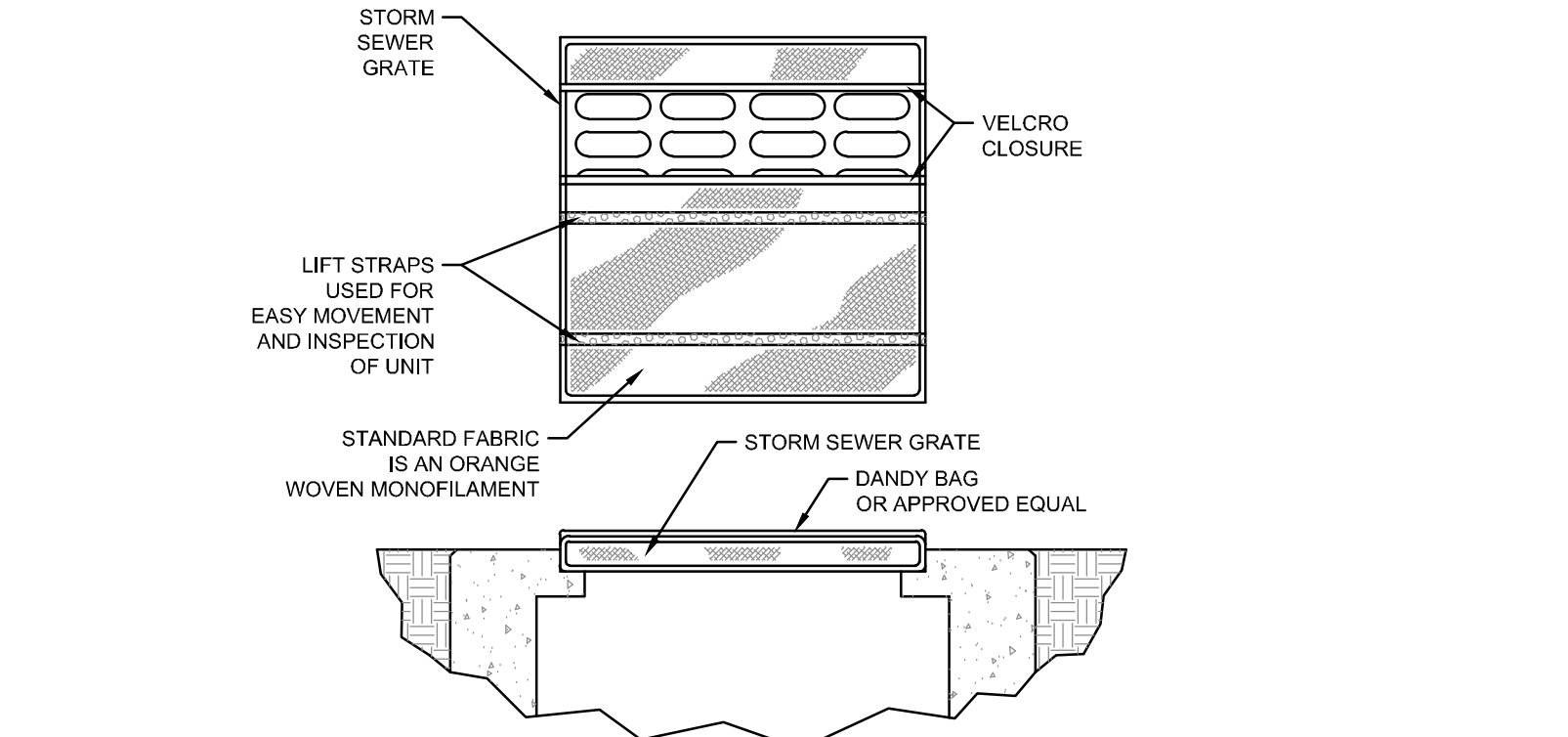
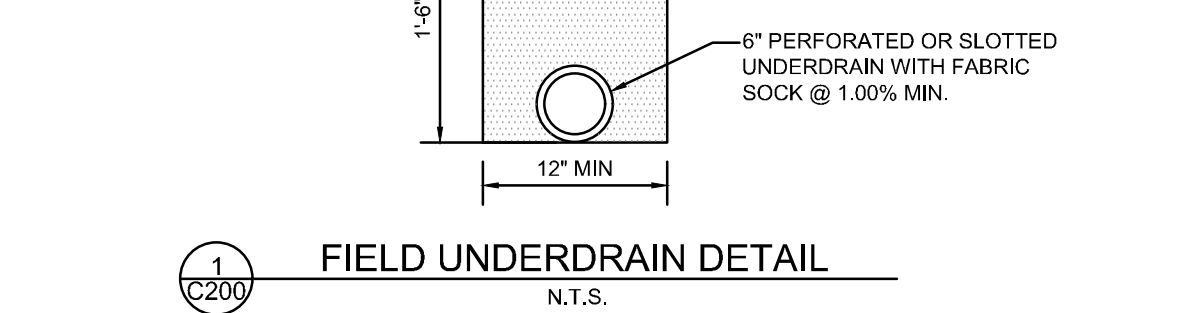
ONGOING INSPECTION OF INSTALLATIONS WILL BE PERFORMED BY THE CONTRACTOR OR DESIGNATED REPRESENTATIVE.

ANY TRAPPED SEDIMENT OR DEBRIS REMOVED DURING CLEANING OF OR REMOVAL OF BMP INSTALLATIONS SHALL BE PLACED IN AREAS NOT SUBJECT TO EROSION AND PERMANENTLY STABILIZED.

"TEMPORARY STABILIZATION" MEANS THE ESTABLISHMENT OF TEMPORARY VEGETATION, MULCHING, GEOTEXTILES, SOD, PRESERVATION OF EXISTING VEGETATION AND OTHER TECHNIQUES CAPABLE OF QUICKLY ESTABLISHING COVER OVER DISTURBED AREAS TO PROVIDE EROSION CONTROL BETWEEN CONSTRUCTION OPERATIONS.

"PERMANENT STABILIZATION" MEANS THE ESTABLISHMENT OF PERMANENT VEGETATION, DECORATIVE LANDSCAPE MULCHING, MATTING, SOD, RIP RAP AND LANDSCAPING TECHNIQUES TO PROVIDE PERMANENT EROSION CONTROL, ON AREAS WHERE CONSTRUCTION OPERATIONS ARE COMPLETE OR WHERE NO FURTHER DISTURBANCE IS EXPECTED FOR AT LEAST A YEAR.

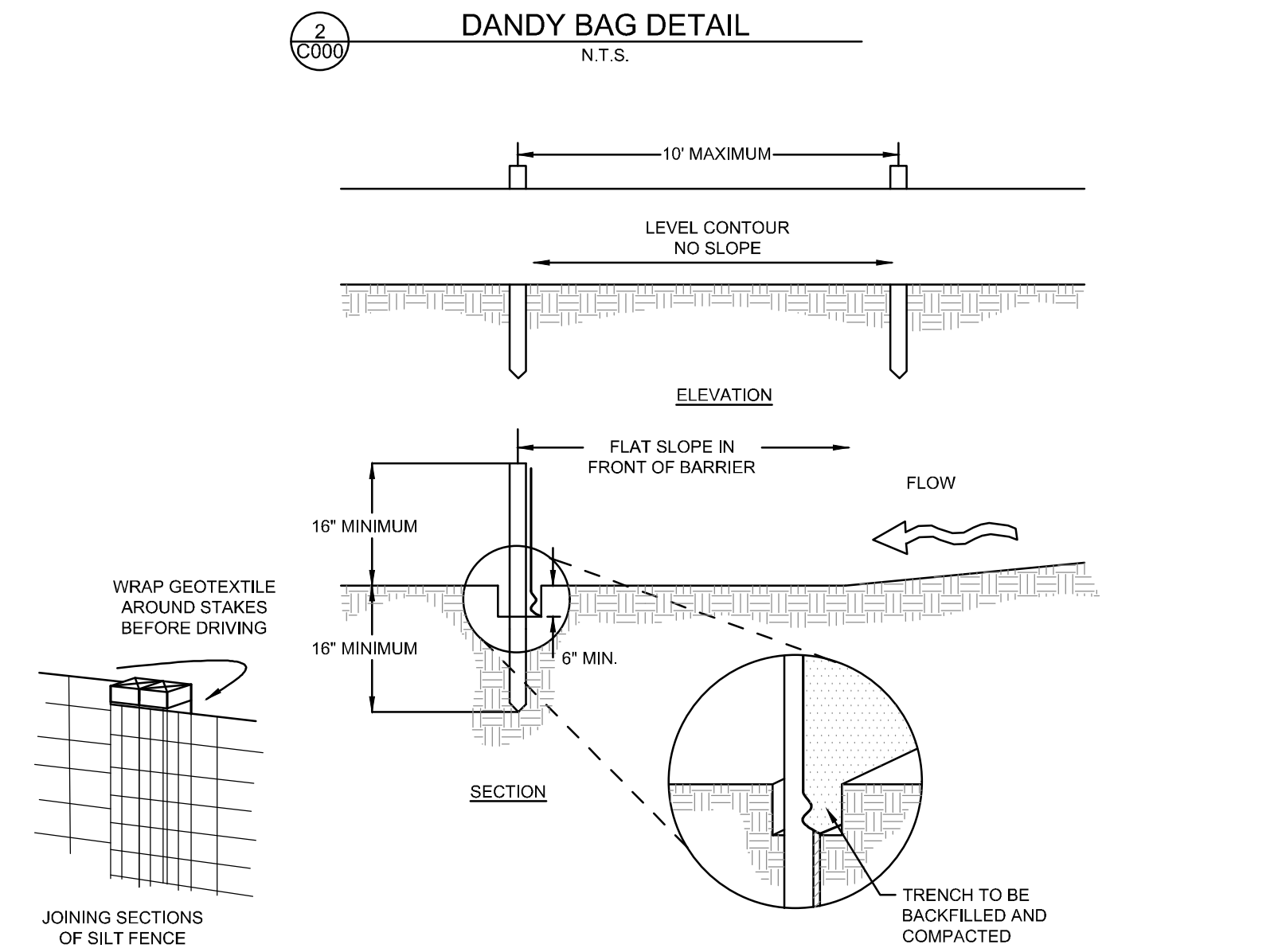
OFF-SITE TRACKING OF SEDIMENTS SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO REDUCE VERTEBRATE TRACKING OF SEDIMENTS. ALL PAVED STREETS ADJACENT TO THE SITE WILL BE SWEEP DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARP.



| SPECIFICATIONS          |             |                    |                         |
|-------------------------|-------------|--------------------|-------------------------|
| MECHANICAL PROPERTIES   | TEST METHOD | UNITS              | MARV                    |
| GRAB TENSILE STRENGTH   | ASTM D 4632 | KN (LBS)           | 1.62 (365) X 0.89 (200) |
| GRAB TENSILE ELONGATION | ASTM D 4632 | %                  | 24 X 10                 |
| PUNCTURE STRENGTH       | ASTM D 4833 | KN (LBS)           | 0.40 (90)               |
| MULLEN BURST STRENGTH   | ASTM D 3786 | KPA (PSI)          | 3087 (450)              |
| TRAPEZOID TEAR STRENGTH | ASTM D 4533 | KN (LBS)           | 0.51 (115) X 0.33 (75)  |
| UV RESISTANCE           | ASTM D 4355 | %                  | 90                      |
| APPARENT OPENING SIZE   | ASTM D 4751 | MM (US STD SIEVE)  | 0.425 (40)              |
| FLOW RATE               | ASTM D 4491 | 1/MIN/(GAL/MIN/FT) | 5907 (145)              |
| PERMITTIVITY            | ASTM D 4491 | SEC                | 2.1                     |

INSTALLATION: THE EMPTY DANDY BAG SHOULD BE PLACED OVER THE GRATE AS THE GRATE STANDS ON END. IF USING OPTIONAL OIL ABSORBENTS: PLACE ABSORBENT PILLOW IN POUCH, ON THE BOTTOM (BELOW-GRADE SIDE) OF THE UNIT. ATTACH ABSORBENT PILLOW TO TETHER LOOP. TUCK THE ENCLOSURE FLAP INSIDE TO COMPLETELY ENCLOSE THE GRATE. HOLDING THE LIFTING DEVICES (DO NOT RELY ON LIFTING DEVICES TO SUPPORT THE ENTIRE WEIGHT OF THE GRATE), PLACE THE GRATE INTO ITS FRAME.

MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTAINMENT AREA OF THE DANDY BAGS AS NEEDED. IF USING OPTIONAL OIL ABSORBENTS: REMOVE AND REPLACE ABSORBENT PILLOW WHEN NEAR SATURATION.



NOTES:

- SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
- ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS THAT MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.
- ENDS OF THE SILT FENCES SHALL BE BROUGHT UPSLOPE SLIGHTLY SO THAT WATER PONDED BY THE SILT FENCE WILL BE PREVENTED FROM FLOWING AROUND THE ENDS.
- SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
- WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5 FEET (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE REESTABLISHED WITHIN 7 DAYS FROM THE INSTALLATION OF THE SILT FENCE.
- THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 16 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
- THE SILT FENCE SHALL BE PLACED IN AN EXCAVATED OR SLICED TRENCH CUT A MINIMUM OF 6 INCHES DEEP. THE TRENCH SHALL BE MADE WITH A TRENCHER, CABLE LAYING MACHINE, SLICING MACHINE, OR OTHER SUITABLE DEVICE THAT WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH.
- THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWNSLOPE SIDE OF THE GEOTEXTILE. A MINIMUM OF 8 INCHES OF GEOTEXTILE MUST BE BELOW THE GROUND SURFACE. EXCESS MATERIAL SHALL LAY ON THE BOTTOM OF THE 6-INCH DEEP TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED ON BOTH SIDES OF THE FABRIC.
- SEAMS BETWEEN SECTIONS OF SILT FENCE SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST WITH A MINIMUM 6-IN. OVERLAP PRIOR TO DRIVING INTO THE GROUND.

| FABRIC PROPERTIES                  |                  |             |
|------------------------------------|------------------|-------------|
| MINIMUM TENSILE STRENGTH           | 120 LBS. (535 N) | ASTM D 4632 |
| MAXIMUM ELONGATION AT 60 LBS       | 50%              | ASTM D 4632 |
| MINIMUM PUNCTURE STRENGTH          | 50 LBS. (220 N)  | ASTM D 4833 |
| MINIMUM TEAR STRENGTH              | 40 LBS. (180 N)  | ASTM D 4533 |
| APPARENT OPENING SIZE              | <0.84 MM         | ASTM D 4751 |
| MINIMUM PERMITTIVITY               | 1X10-2 SEC-1     | ASTM D 4491 |
| UV EXPOSURE PERMITTIVITY RETENTION | 70%              | ASTM G 4355 |



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513.779.7851

EST. 1803

STEVEN R. KORTE  
61980  
PROFESSIONAL ENGINEER  
STATE OF KENTUCKY

NO. DATE DESCRIPTION  
1 06.30.2025 100% CD BID SET

PROJECT NO: 230146.002  
DATE: 06.30.2025  
SCALE:  
SHEET NAME:

DEERFIELD TWP  
STREETSCAPE -  
HILLSLOPE + I-71  
SOUTH EXIT RAMP  
DEERFIELD TOWNSHIP, OHIO

GENERAL NOTES  
& DETAILS

SHEET NO.





DEMOLITION PLAN LEGEND

- REMOVE CONCRETE BLOCK MAT
- LOW LIMIT OF WORK

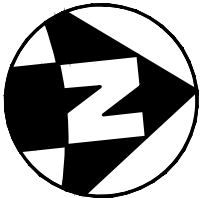
DEMOLITION PLAN GENERAL NOTES

- ALL BOLD ITEMS TO BE REMOVED
- CONTRACTOR TO PROTECT ALL EXISTING UTILITIES UNLESS EXPLICITLY NOTED TO BE REMOVED OR REPLACED ON THIS PLAN
- CONTRACTOR TO REMOVE ALL EXISTING VEGETATION WITHIN DISTURBED AREA

DEMOLITION PLAN CODED NOTES

- REMOVE STORM PIPE TO EXTENTS SHOWN
- REMOVE HEADWALL
- EXISTING WATER LINE TO REMAIN. PROTECT IN PLACE
- EXISTING WALL TO REMAIN. PROTECT IN PLACE
- CONTRACTOR TO CLEAN EXISTING CATCH BASIN OF ALL DEBRIS AND VERIFY FUNCTIONALITY OF EXISTING STRUCTURE AND PIPE
- REMOVE RIP RAP TO LIMITS OF DECORATIVE GRAVEL PER LANDSCAPE PLANS

NOTE:  
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COMPILATION OF AVAILABLE RECORD INFORMATION AND  
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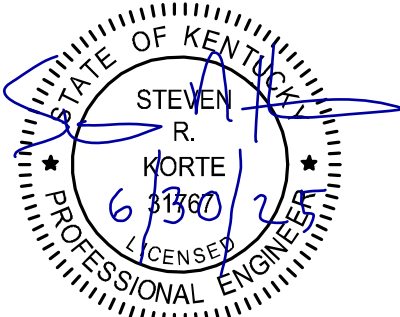


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DEERFIELD TWP  
STREETSCAPE -  
HILLSLOPE + I-71  
SOUTH EXIT RAMP  
DEERFIELD TOWNSHIP, OHIO

PROJECT NO: 230146.002

DATE: 06.30.2025

SCALE:



SHEET NAME:

DEMOLITION PLAN  
- HILLSLOPE

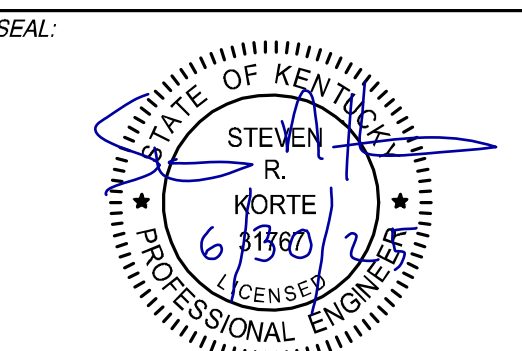
SHEET NO.

C100





**Know what's below.  
Call before you dig.**




| NO. | DATE       | DESCRIPTION     |
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| 1   | 06.30.2025 | 100% CD BID SET |

**DEERFIELD TWP  
STREETSCAPE -  
HILLSLOPE + I-71  
SOUTH EXIT RAMP  
DEERFIELD TOWNSHIP, OHIO**

|             |            |
|-------------|------------|
| PROJECT NO: | 230146.002 |
| DATE:       | 06.30.2025 |

SCALE:



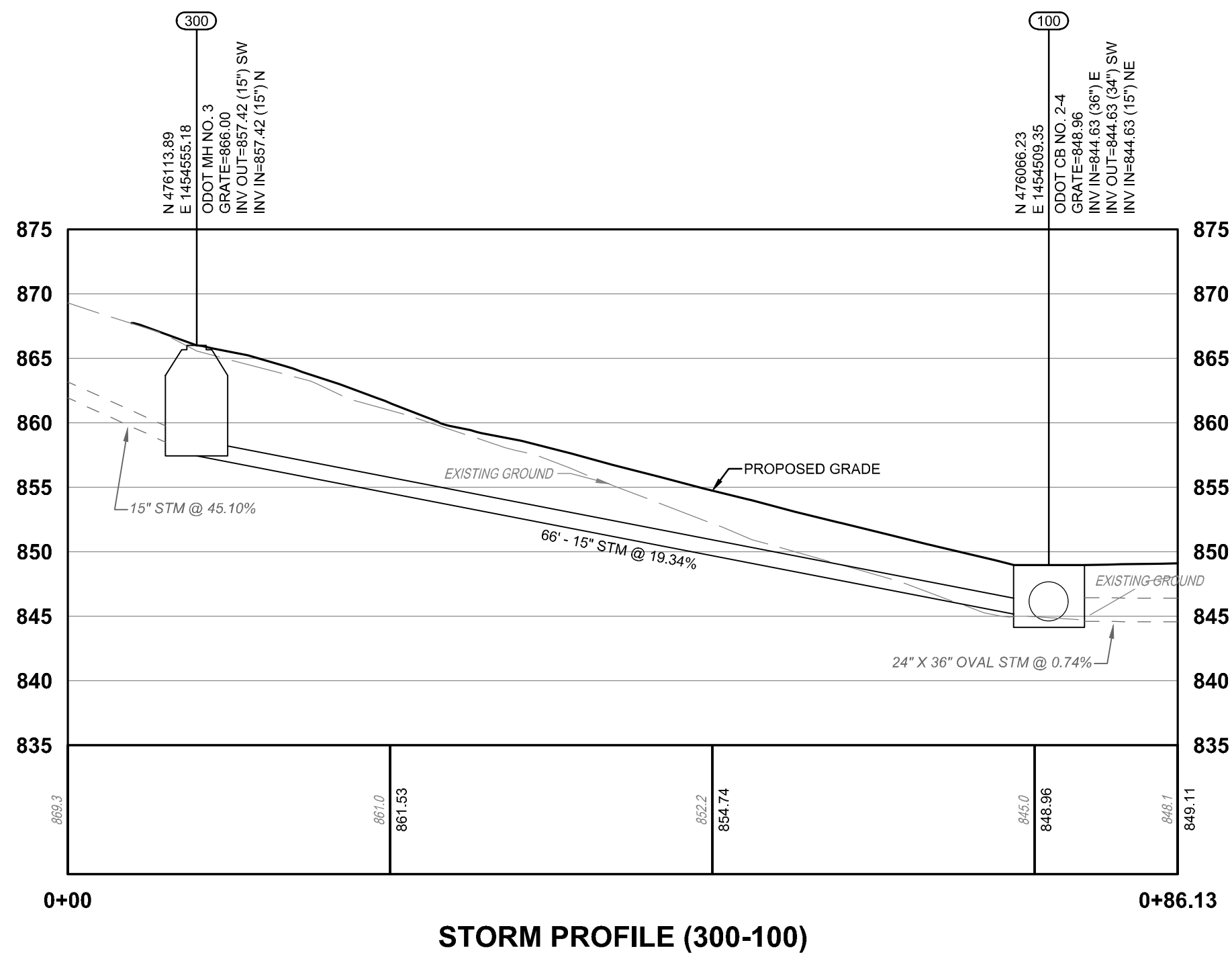
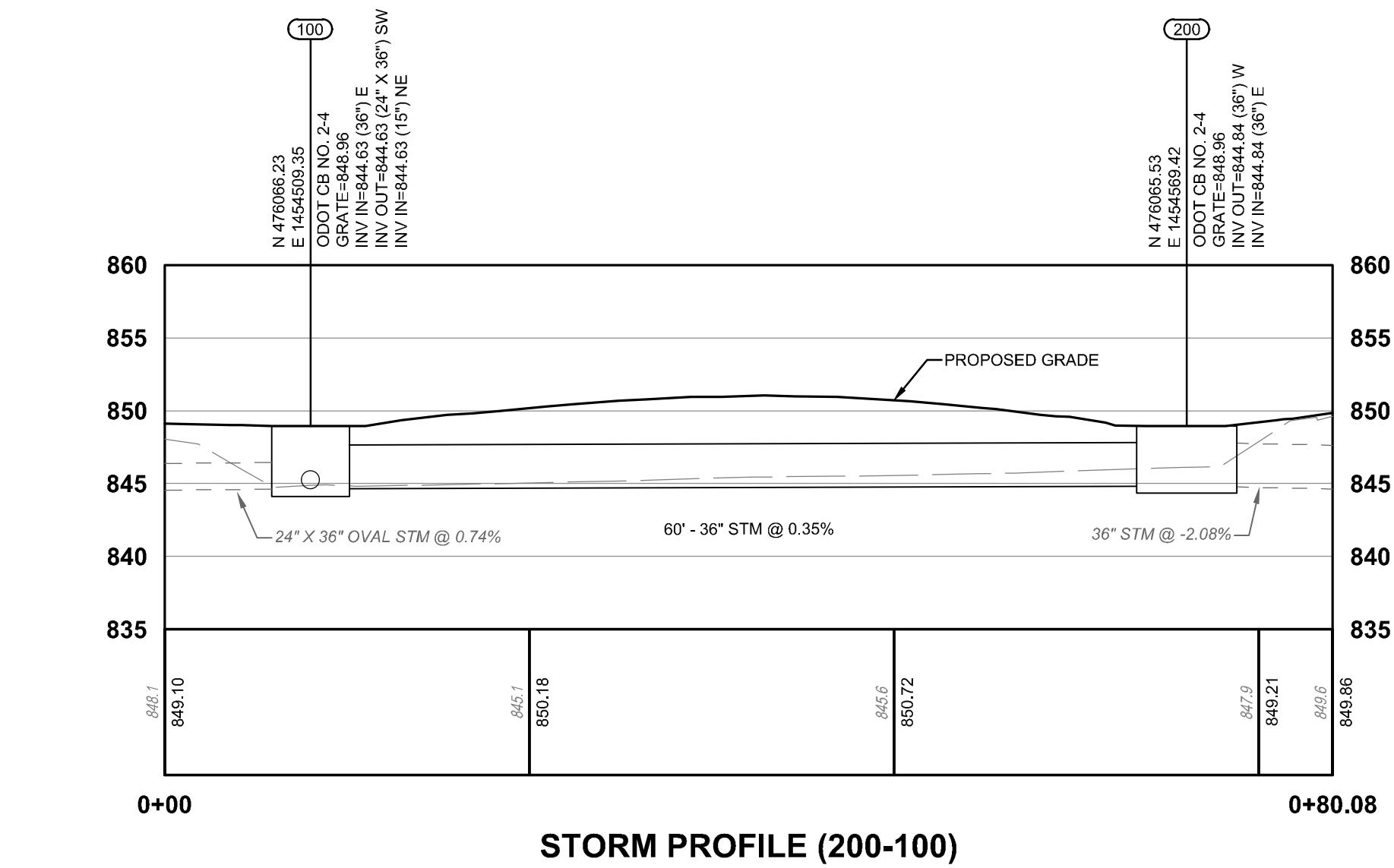
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|----------|-------|
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| 2        | 5     |
| 3        | 10    |

**DEMOLITION PLAN**  
**- EXIT RAMP**

SHEET NO.

**C101**





**EROSION CONTROL LEGEND**

- P INLET PROTECTION PER DETAIL 2/C000
- SF SILT FENCE PER DETAIL 3/C000
- LOW LIMIT OF WORK

**GRADING PLAN LEGEND**

- STM STORM PIPE
- 100 CATCH BASIN
- 100 MANHOLE
- 6" STORM UNDERDRAIN PER DETAIL 1/C000
- 1215- EXISTING MAJOR CONTOUR
- 1216- EXISTING MINOR CONTOUR
- 1215- PROPOSED MAJOR CONTOUR
- 1216- PROPOSED MINOR CONTOUR
- PROPOSED SWALE

**GRADING PLAN CODED NOTES**

- 1 CONNECT EXISTING 6" STM PIPE TO PROPOSED 6" STM UNDERDRAIN
- 2 CONNECT TO EXISTING STM PIPE
- 3 PROPOSED RETAINING WALL, TOP OF WALL ELEVATION = 864.75, REFER TO SHEET L201 FOR DETAILS

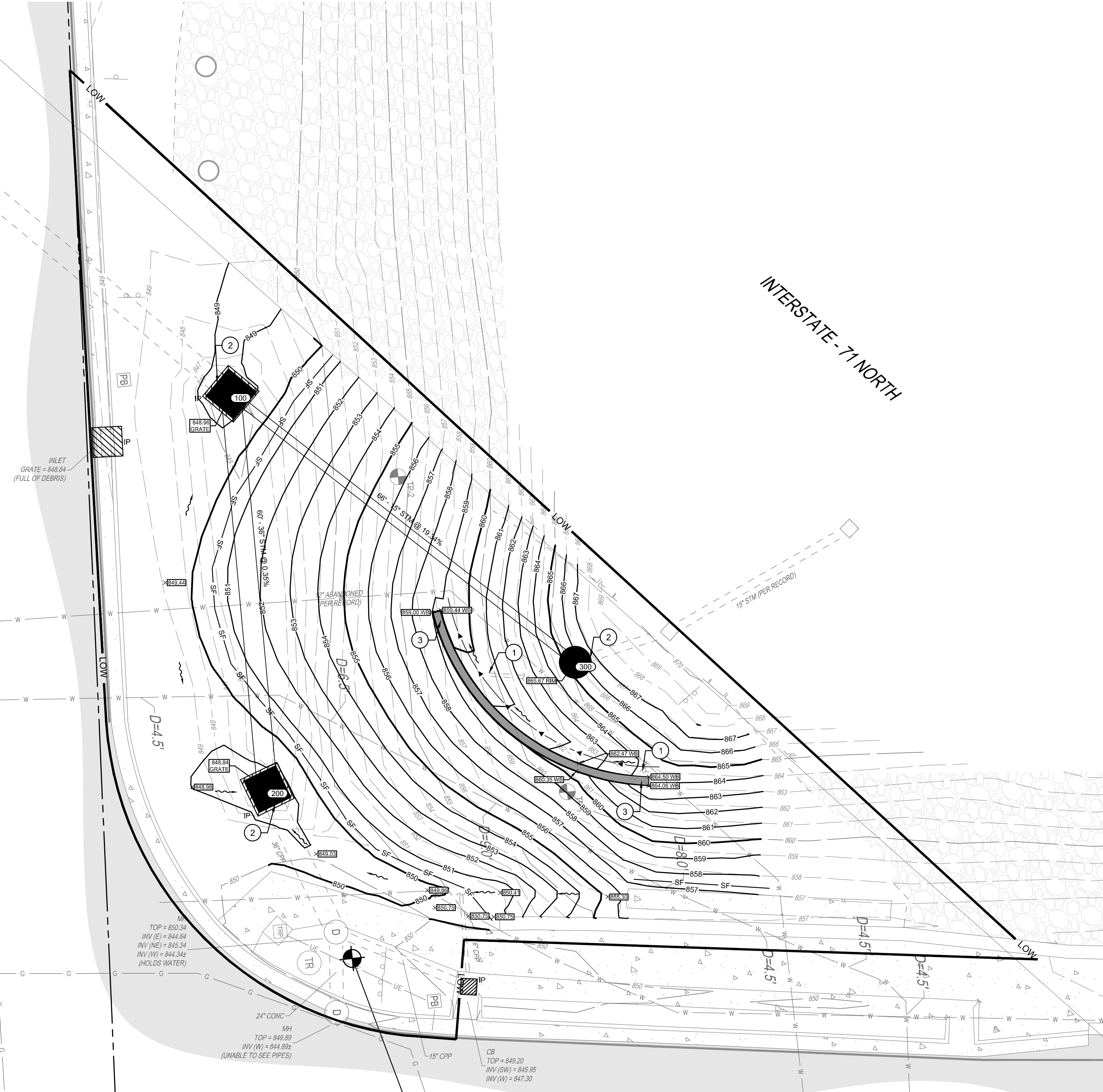
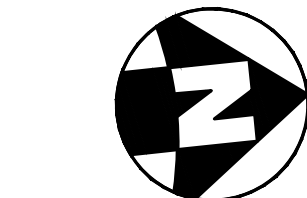
**GRADING PLAN GENERAL NOTES**

1. CONTRACTOR TO PROTECT ALL EXISTING UTILITIES UNLESS EXPLICITLY NOTED TO BE REMOVED OR REPLACED ON THIS PLAN
2. REFER TO SHEET L100 FOR LANDSCAPE PLANS

**SPOT ELEVATION LEGEND**

- 1215.00 FINISHED GRADE ELEVATION
- 1215.00 VB FINISHED GRADE AT WALL BOTTOM
- 1215.00 RM MANHOLE / CLEANOUT RIM ELEVATION
- 1215.00 GRATE CATCH BASIN GRATE ELEVATION

**NOTE:**  
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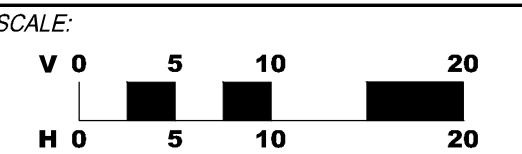
STEVEN R. KORTE  
61980  
PROFESSIONAL ENGINEER

| NO. | DATE       | DESCRIPTION       |
|-----|------------|-------------------|
| 1   | 02.15.2024 | BIDDING DOCUMENTS |

**DEERFIELD TWP  
STREETSCAPE -  
OLD BP SITE AND  
I-71 SOUTH ON  
RAMP**

DEERFIELD TOWNSHIP, OHIO

|             |            |
|-------------|------------|
| PROJECT NO: | 230146.001 |
| DATE:       | 05.10.2024 |



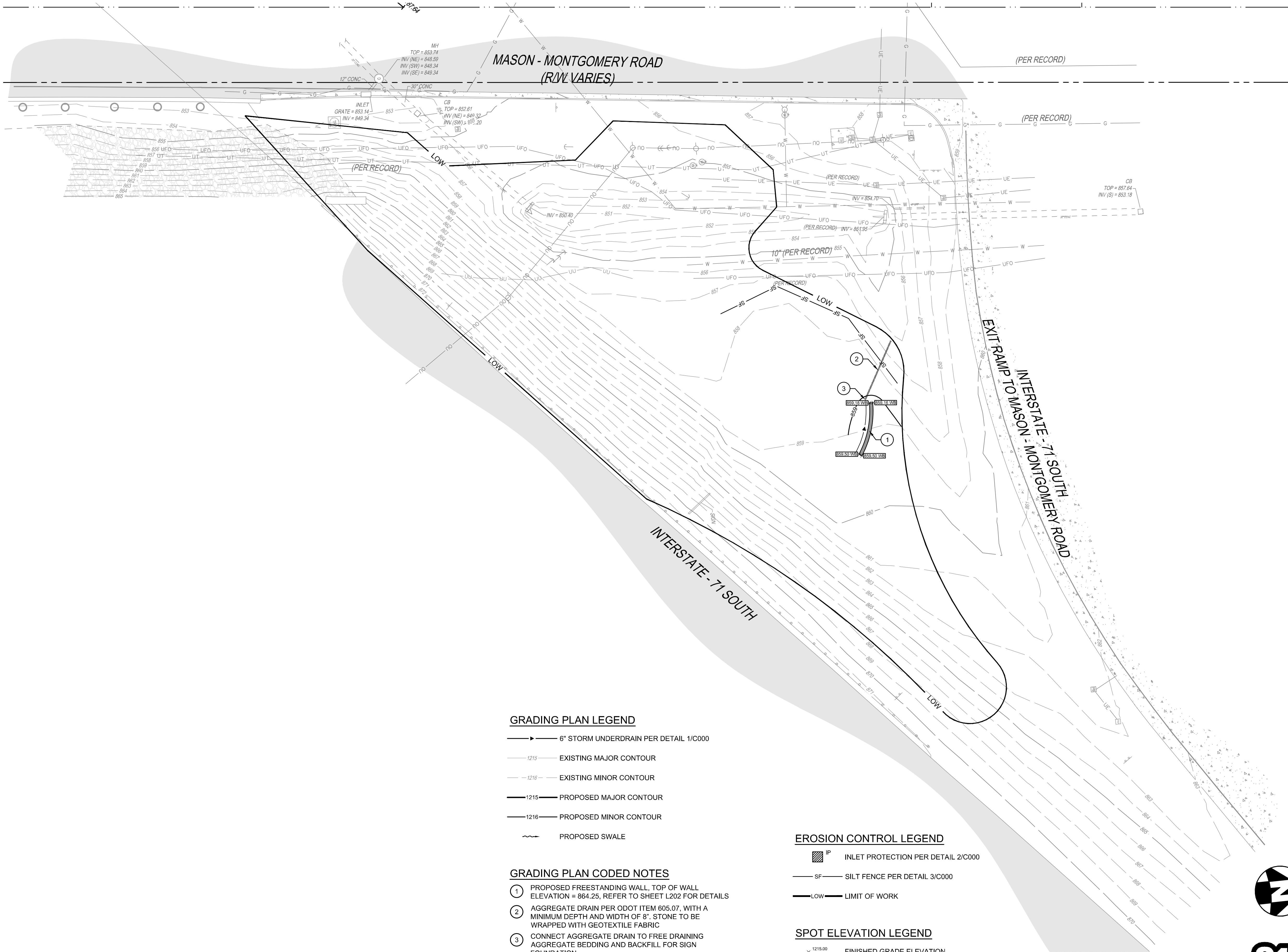
SHEET NAME:

**GRADING PLAN -  
HILLSLOPE**

SHEET NO.

**C200**





GRADING PLAN LEGEND

- 6" STORM UNDERDRAIN PER DETAIL 1/C000
- 1215 EXISTING MAJOR CONTOUR
- 1216 EXISTING MINOR CONTOUR
- 1215 PROPOSED MAJOR CONTOUR
- 1216 PROPOSED MINOR CONTOUR
- PROPOSED SWALE

GRADING PLAN CODED NOTES

- PROPOSED FREESTANDING WALL, TOP OF WALL ELEVATION = 864.25, REFER TO SHEET L202 FOR DETAILS
- AGGREGATE DRAIN PER ODOT ITEM 605.07, WITH A MINIMUM DEPTH AND WIDTH OF 8", STONE TO BE WRAPPED WITH GEOTEXTILE FABRIC
- CONNECT AGGREGATE DRAIN TO FREE DRAINING AGGREGATE BEDDING AND BACKFILL FOR SIGN FOUNDATION

GRADING PLAN GENERAL NOTES

- CONTRACTOR TO PROTECT ALL EXISTING UTILITIES UNLESS EXPLICITLY NOTED TO BE REMOVED OR REPLACED ON THIS PLAN
- REFER TO SHEET L101 FOR LANDSCAPE PLANS

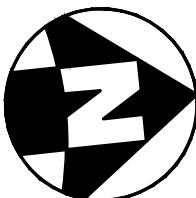
EROSION CONTROL LEGEND

- IP INLET PROTECTION PER DETAIL 2/C000
- SF SILT FENCE PER DETAIL 3/C000
- LOW LIMIT OF WORK

SPOT ELEVATION LEGEND

- 1215.00 FINISHED GRADE ELEVATION
- 1215.00 WB FINISHED GRADE AT WALL BOTTOM
- 1215.00 RIM MANHOLE / CLEANOUT RIM ELEVATION
- 1215.00 GRATE CATCH BASIN GRATE ELEVATION

NOTE:  
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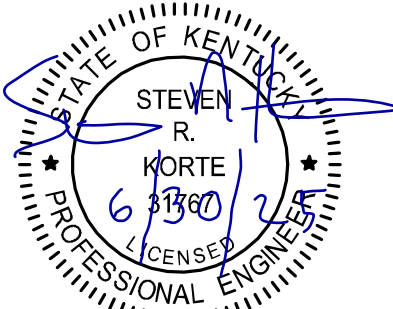
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| 1   | 02.15.2024 | BIDDING DOCUMENTS |

DEERFIELD TWP  
STREETSCAPE -  
OLD BP SITE AND  
I-71 SOUTH ON  
RAMP

DEERFIELD TOWNSHIP, OHIO

|             |            |
|-------------|------------|
| PROJECT NO: | 230146.001 |
| DATE:       | 05.10.2024 |

|            |
|------------|
| SCALE:     |
| 0 10 20 40 |

SHEET NAME:

GRADING PLAN -  
EXIT RAMP

SHEET NO.

C201



LEGEND

- ODOT REQUIRED SETBACK
- LOW — LIMIT OF WORK

SURFACE ITEMS

- S1 LIGHT COLOR DECORATIVE AGGREGATE, TYP.; REFER TO SPECIFICATIONS
- S2 DARK COLOR DECORATIVE AGGREGATE, TYP.; REFER TO SPECIFICATIONS
- S3 MEADOW SEED MIX & PLUGS ON SLOPE, TYP.; REFER TO SPECIFICATIONS
- S4 TURFGRASS SOD, TYP.; REFER TO SPECIFICATIONS

LANDSCAPE ITEMS

- L1 DECORATIVE WALL; REFER TO DETAILS, SHEET L201
- L2 BOULDER, TYP.

PLANT MATERIAL

- PERENNIALS & ORNAMENTAL GRASSES, TYP.

GENERAL NOTES

1. SEE SHEET L200 & L201 FOR NOTES AND DETAILS.

CONSTRUCTION NOTES:

- 1 PLUGS TO BE PLANTED 2' O.C. DISTRIBUTE PLANT TYPES EVENLY WITH NO REPEATING PATTERNS
- 2 STORM STRUCTURE, REFER TO CIVIL PLANS
- 3 FILL IN AREAS OF EXISTING RIPRAP TO EXTENT OF PROPOSED DECORATIVE GRAVEL
- 4 EXISTING BRIDGE ABUTMENT AND WING WALL. PROTECT FROM DAMAGE.
- 5 EXISTING CONCRETE GUTTER TO REMAIN. PROTECT FROM DAMAGE.
- 6 EXISTING CONCRETE BLOCK RETAINING WALL. PROTECT FROM DAMAGE.
- 7 WALL SIGNAGE, REFER TO DETAIL 5, SHEET L201
- 8 INTERSTATE OVERPASS

PLANT SCHEDULE

| KEY   | BOTANICAL NAME                       | COMMON NAME                | SIZE         | ROOT     | REMARKS         |
|---|--------------------------------------|----------------------------|--------------|----------|-----------------|
| PERENNIALS AND ORNAMENTAL GRASSES:  |                                      |                            |              |          |                 |
| AMS HUB   | AMSONIA HUBRICHII                    | ARKANSAS AMSONIA           | 18" HT. MIN. | #1 CONT. | PLANT 3' O.C.   |
| ECH PUR   | ECHINACEA PURPUREA 'CHEYENNE SPIRIT' | CHEYENNE SPIRIT CONEFLOWER | 12" HT. MIN. | #1 CONT. | PLANT 2' O.C.   |
| LIR MUS   | LIRIOPE MUSCARI 'VARIEGATA'          | VARIEGATED LIRIOPE         | 6" HT. MIN.  | #1 CONT. | PLANT 1.5' O.C. |
| NEP FAA   | NEPETA FAASSENII 'WALKER'S LOW'      | WALKER'S LOW CATMINT       | 12" HT. MIN. | #1 CONT. | PLANT 2.5' O.C. |
| RUD FUL   | RUDBECKIA FULGIDA 'GOLDSTURM'        | GOLDSTRUM BLACK EYED SUSAN | 12" HT. MIN. | #1 CONT. | PLANT 2' O.C.   |
| PLUGS:  |                                      |                            |              |          |                 |
| ECH PLU   | ECHINACEA PURPUREA                   | CONEFLOWER                 | 2" PLUG      | PLUG     | PLANT 2' O.C.   |
| RUD PLU   | RUDBECKIA FULGIDA                    | BLACK EYED SUSAN           | 2" PLUG      | PLUG     | PLANT 2' O.C.   |
| SCH PLU   | SCHIZACHYRIUM SCOPARIUM              | LITTLE BLUE STEM           | 2" PLUG      | PLUG     | PLANT 2' O.C.   |
| MEADOW SEED MIX: SEE SPECIFICATIONS   |                                      |                            |              |          |                 |
| TURFGRASS SOD: SEE SPECIFICATIONS   |                                      |                            |              |          |                 |
| SOIL: CONTRACTOR TO PROVIDE PLANTING SOIL TO A DEPTH OF 6" AT ALL PROPOSED PLANT BEDS AND MEADOW MIX AREAS AND TILL IN TO A DEPTH OF 12". REFER TO SPECIFICATIONS |                                      |                            |              |          |                 |

NOTE: UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILED LIST OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON-EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 1-800-362-2764 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.





**THE KLEINGERS GROUP**

CIVIL ENGINEERING SURVEYING LANDSCAPE ARCHITECTURE

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**Deerfield Township**

EST. 1803



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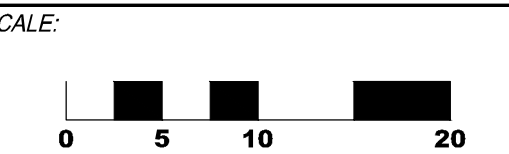


| NO. | DATE       | DESCRIPTION     |
|-----|------------|-----------------|
| 1   | 06.30.2025 | 100% CD BID SET |

**DEERFIELD TWP  
STREETSCAPE -  
HILLSLOPE + I-71  
SOUTH EXIT RAMP**  
DEERFIELD TOWNSHIP, OHIO

PROJECT NO: 230146.002

DATE: 06.30.2025



SHEET NAME:

**LANDSCAPE PLAN  
- HILLSLOPE**

SHEET NO.

**L100**



GENERAL NOTES

1. SEE SHEET L200 & L202 FOR NOTES AND DETAILS.

CONSTRUCTION NOTES:

- 1 CONTRACTOR TO REFER TO SEEDING SPECIFICATIONS ON STEEP SLOPES, SHEET L301.
- 2 SEEDING EXTENTS TO INCLUDE ALL DISTURBED AREAS FROM CLEARING AND GRUBBING, REFER TO SHEET C101

LEGEND

- ODOT REQUIRED SETBACK
- LOW — LIMIT OF WORK

SURFACE ITEMS

- S1 LIGHT COLOR DECORATIVE AGGREGATE, TYP.; REFER TO SPECIFICATIONS 8 L200
- S2 DARK COLOR DECORATIVE AGGREGATE, TYP.; REFER TO SPECIFICATIONS
- S3 MEADOW SEED MIX, TYP.; REFER TO SPECIFICATIONS
- S4 TURFGRASS SEED, TYP.; REFER TO SPECIFICATIONS

LANDSCAPE ITEMS

- L1 DECORATIVE WALL; REFER TO DETAILS, SHEET L202
- L2 BOULDER, TYP. 6 L200

PLANT MATERIAL

- DECIDUOUS TREE, TYP. 9 L200

PLANT SCHEDULE

| KEY  | BOTANICAL NAME               | COMMON NAME             | SIZE         | ROOT | REMARKS          |
|--|------------------------------|-------------------------|--------------|------|------------------|
| DECIDUOUS TREES:   |                              |                         |              |      |                  |
| ACE RUB  | ACER RUBRUM 'FRANKSRED'      | RED SUNSET MAPLE        | 2" CAL. MIN. | B&B  | SPACING SEE PLAN |
| ACE SAC  | ACER SACCHARUM 'FALL FIESTA' | FALL FIESTA SUGAR MAPLE | 2" CAL. MIN. | B&B  | SPACING SEE PLAN |
| CER CAN  | CERCIS CANADENSIS            | EASTERN REDBUD          | 2" CAL. MIN. | B&B  | SPACING SEE PLAN |
| GIN BIL  | GINKGO BILOBA                | GINKGO                  | 2" CAL. MIN. | B&B  | SPACING SEE PLAN |
| ZEL SER  | ZELKOVA SERRATA 'GREEN VASE' | GREEN VASE ZELKOVA      | 2" CAL. MIN. | B&B  | SPACING SEE PLAN |
| MEADOW SEED MIX: SEE SPECIFICATIONS  |                              |                         |              |      |                  |
| TURFGRASS SEED: SEE SPECIFICATIONS   |                              |                         |              |      |                  |
| SOIL: CONTRACTOR TO PROVIDE PLANTING SOIL TO A DEPTH OF 6" AT ALL PROPOSED MEADOW MIX AREAS. REFER TO SPECIFICATIONS |                              |                         |              |      |                  |

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SEAL:




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|             |            |
|-------------|------------|
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SCALE:



SHEET NAME:

**LANDSCAPE PLAN  
- EXIT RAMP**

SHEET NO.

**L101**