Jones & Henry Engineers, Ltd.

# Village of Whitehouse, Ohio

# Wabash Cannonball Trail Interceptor Sewer & Finzel Road Pump Station Rehabilitation

# ADDENDUM 1

October 23, 2020

Planholders of the Village of Whitehouse, Wabash Cannonball Trail Interceptor Sewer & Finzel Road Pump Station Rehabilitation are hereby notified of the following amendments to the Contract Documents. This Addendum is hereby made a part of the Contract Documents.

## REFERENCE NOTES

- Bidders are reminded to review the required documentation to be submitted with the bid summarized in the Instructions to Bidders.

- Bidders are reminded of the availability of soils report as listed in the Supplemental Conditions (Reference C-800-3, SC-5.03, C, 1). The soils report can also be accessed by the following link: http://bit.ly/WBCBSOILS

- Alternate bid items have been added to permit the construction of the crossings of Finzel and Cemetery Roads as well as work in the vicinity of utilities at Cemetery Road by either open-cut methods or trenchless methods. The Contractor is asked to provide bid pricing for the open-cut and trenchless methods. When reassigning the quantities for the open-cut work the Engineer has not adjusted the pavement repairs associated with the open-cut alternative. The pavement quantities will remain unchanged for the purpose of bidding and will function as contingent quantities should a trenchless method be selected.

## BID FORM

Replace Section C-410 with the attached Bid Form that includes the noted added Alternative Bid Items related to the trenchless crossings of Cemetery and Finzel Roads.

## SPECIFICATIONS

*Page 01010-5, 2.03*

Add the following to the Definitions of Items

*2i-alt 24-inch Sanitary Sewer, Type B (Greater than 20-feet Deep)*

*2l-alt SIP Sanitary Sewer in 42-inch Bored Casing*

*Page 01043-6, 4.02, A*

Add Paragraph 6.

*6. Treated lumber fence posts, slats and components removed from the fence along the Wabash Cannonball Trail shall be salvaged and delivered to a location as designated by the Owner within 5 miles of the Site.*

*Page 01043-11, 4.09, C*

Remove the word "RCP" from paragraphs *3, 5, 7, and 8.*

Remove the word "PVC" from paragraph *21.*

*Attachments to Section 01043 (Following Page 01043-13 and before page 01090-1)*

Plan and profile sheets included in the specifications are provided in the contract booklet at the request of the utility companies requiring review of the design plans for their approval. These sheets are not to be considered part of the Drawings.

## DRAWINGS

*Sheet G-3 – General Summary*

Replace the sheet with the provided Sheet SA-1.9 included with Addendum 1.

*Sheet SA-1.9 – Wabash Cannonball Trail Sanitary Sewer Plan and Profile Sta. 44+00 to 49+50.*

Replace the sheet with the provided Sheet SA-1.9 included with Addendum 1.

*Sheet SA-1.10 – Wabash Cannonball Trail Sanitary Sewer Plan and Profile Sta. 49+50 to 55+00.*

Replace the sheet with the provided Sheet SA-1.10 included with Addendum 1.

*Sheet SA-1.11 – Wabash Cannonball Trail Sanitary Sewer Plan and Profile Sta. 55+00 to 60+21.*

Replace the sheet with the provided Sheet SA-1.10 included with Addendum 1.

## QUESTIONS

The following questions were submitted to the engineer. The answers provided below are for the clarification of the Bidders' questions.

***Question #1 – Who is responsible for the cost of the TC Energy Field Representative required to be on the jobsite?***

TC Energy is responsible for the cost of the TC Energy Field Representative's services on site.

***Question #2 – Does the Village wish to salvage removed fence along the Wabash Cannonball Trail?***

The Owner wishes to have the removed fence salvaged. See Addendum 1.

***Question #3 – When is the estimated start date?***

The Owner anticipates approximately 30 to 45 days for the award of the contract by the funding agency before issuing a notice to proceed.

***Question #4 - There are several Type II – Sanitary w/ drop called out of the plans that do not have drop pipes shown in the profile, is this correct?***

The plan and profile sheets do not show the drop pipe. You can find the detail for the 'Manhole With Drop For Future Connection Type II" on sheet SA-0.1.

***Question #5 – No pavement repairs are provided for lateral sewers on Logan Street. How will the Contractor be compensated for this work?***

The Contractor will be compensated for pavement repairs at lateral sewer connections in accordance with the limits defined by the bid items for pavement repairs.

Attachments: C-410

General Summary

SA-1.9

SA-1.10

SA-1.11

**RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED ON PAGE C-410 - 1 OF THE BID.**

# BID FORM

VILLAGE OF WHITEHOUSE, OHIO

WABASH CANNONBALL TRAIL INTERCEPTOR SEWER

& FINZEL ROAD PUMP STATION REHABILITATION

## ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

Village of Whitehouse

6925 Providence Street

Whitehouse, Ohio 43571

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

## ARTICLE 2 – BIDDER'S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 90 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

## ARTICLE 3 – BIDDER'S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

| Addendum No. | Addendum, Date |
|---|---|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.

F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.

G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.

H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents and confirms that the written resolution thereof by Engineer is acceptable to Bidder.

I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.

J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

**ARTICLE 4 – BIDDER'S CERTIFICATION**

4.01 Bidder certifies that:

A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;

B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;

C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and

D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;

2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;

3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and

4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the e execution of the Contract.

**ARTICLE 5 – BASIS OF BID**

5.01 Bidder will complete the Work in accordance with the Contract Documents for unit prices indicated on the following price(s):

## UNIT PRICE BID

Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

| Item No. | Description | Estimated Amount | Unit | Unit Price in Numbers | | Unit Price in Words | Total Estimated Cost of Item | |
|---|---|---|---|---|---|---|---|---|
| 1 | Mobilization and Demobilization | 1 | LS | | | | | |
| 2a | 6-inch Lateral Sewer Connection, Type B | 3 | EA | | | | | |
| 2b | 8-inch Sanitary Sewer, Type B | 56 | LF | | | | | |
| 2c | 10-inch Sanitary Sewer, Type B | 15 | LF | | | | | |
| 2d | 12-inch Sanitary Sewer, Type B | 98 | LF | | | | | |
| 2e | 14-inch Sanitary Sewer, Type B | 43 | LF | | | | | |
| 2f | 15-inch Sanitary Sewer, Type B | 30 | LF | | | | | |
| 2g | 18-inch Sanitary Sewer, Type B | 292 | LF | | | | | |
| 2h | 24-inch Sanitary Sewer, Type B (Less than or equal to 20-feet Deep) | 741 | LF | | | | | |

| Item No. | Description | Estimated Amount | Unit | Unit Price in Numbers | | Unit Price in Words | Total Estimated Cost of Item | |
|---|---|---|---|---|---|---|---|---|
| 2i | 24-inch Sanitary Sewer, Type B (Greater than 20-feet Deep) | 725 | LF | | | | | |
| 2j | 24-inch Sanitary Sewer, Type C (Less than or equal to 20-feet Deep) | 3865 | LF | | | | | |
| 2k | 24-inch Sanitary Sewer, Type C (Greater than 20-feet Deep) | 226 | LF | | | | | |
| 2l | 24-inch DIP Sanitary Sewer in 42-inch Bored Casing | 289 | LF | | | | | |
| 2m | 8-inch Sanitary Sewer Connection to Existing | 2 | EA | | | | | |
| 2n | 10-inch Sanitary Sewer Connection to Existing | 1 | EA | | | | | |
| 2o | 12-inch Sanitary Sewer Connection to Existing | 3 | EA | | | | | |
| 2p | 15-inch Sanitary Sewer Connection to Existing | 3 | EA | | | | | |
| 2q | 24-inch Sanitary Sewer Connection to Existing | 1 | EA | | | | | |

| Item No. | Description | Estimated Amount | Unit | Unit Price in Numbers | | Unit Price in Words | Total Estimated Cost of Item | |
|---|---|---|---|---|---|---|---|---|
| 2r | Sewer Pipe Repair, Less Than 15-inches in Diameter | 50 | LF | | | | | |
| 2s | 8-inch Force Main Removed, Type B | 60 | LF | | | | | |
| 2t | 12-inch Sanitary Sewer Removed, Type B | 7 | LF | | | | | |
| 2u | 4-inch Plug | 4 | EA | | | | | |
| 2v | 8-inch Plug | 13 | EA | | | | | |
| 2w | 12-inch Plug | 6 | EA | | | | | |
| 2x | 15-inch Plug | 1 | EA | | | | | |
| 2y | Sanitary Sewer Abandoned | 659 | LF | | | | | |
| 2z | 8-inch Storm Sewer, Type C | 33 | LF | | | | | |
| 2aa | 18-inch Storm Sewer, Type C | 65 | LF | | | | | |
| 2ab | 36-inch Storm Sewer, Type C | 680 | LF | | | | | |
| 2ac | 36-inch Culvert Repair, Type B | 25 | LF | | | | | |

| Item No. | Description | Estimated Amount | Unit | Unit Price in Numbers | | Unit Price in Words | Total Estimated Cost of Item | |
|---|---|---|---|---|---|---|---|---|
| 3a | Tapping Sleeve, Valve and Manhole for Bypass Connection to Force Main | 1 | EA | | | | | |
| 3b | 14-inch Inserting Valve and Box | 1 | EA | | | | | |
| 3c | 8-inch Valve and Box Abandoned | 4 | EA | | | | | |
| 4 | Nyloplast Catch Basin | 2 | EA | | | | | |
| 5a | Sanitary Sewer Manhole, Type I | 60 | VLF | | | | | |
| 5b | Sanitary Sewer Manhole, Type II | 250 | VLF | | | | | |
| 5c | Sanitary Sewer Manhole, Type II with Drop | 130 | VLF | | | | | |
| 5d | Sanitary Sewer Manhole, Type III | 23 | VLF | | | | | |
| 5e | Storm Sewer Manhole, Type III | 7 | VLF | | | | | |
| 5f | Manhole Abandoned | 3 | EA | | | | | |
| 5g | Manhole Removed | 4 | EA | | | | | |
| 6a | ODOT Item 202 Pavement and Base Removed | 2550 | SY | | | | | |

| Item No. | Description | Estimated Amount | Unit | Unit Price in Numbers | | Unit Price in Words | Total Estimated Cost of Item | |
|---|---|---|---|---|---|---|---|---|
| 6b | ODOT Item 202 Driveway and Sidewalk Pavement Removed | 90 | SY | | | | | |
| 6c | ODOT Item 254 Pavement Planing | 680 | SY | | | | | |
| 7a | ODOT Item 304 Aggregate Base | 870 | CY | | | | | |
| 7b | ODOT Item 301 Asphalt Concrete Base | 130 | CY | | | | | |
| 7c | ODOT Item 407 Tack Coat | 320 | GAL | | | | | |
| 7d | ODOT Item 441 Asphalt Concrete Intermediate Course, Type 2 (448) | 130 | CY | | | | | |
| 7e | ODOT Item 441 Asphalt Concrete Surface Course, Type 1 (448) | 130 | CY | | | | | |
| 7f | ODOT Item 204 Subgrade Compaction | 2630 | SY | | | | | |
| 7g | Temporary Pavement Repair | 2630 | SY | | | | | |
| 8a | 4-inch Concrete Sidewalk | 320 | SF | | | | | |
| 8b | 6-inch and 8-inch Concrete Sidewalk and Curb Ramp with Detectable Warning Surface | 130 | SF | | | | | |

| Item No. | Description | Estimated Amount | Unit | Unit Price in Numbers | | Unit Price in Words | Total Estimated Cost of Item | |
|---|---|---|---|---|---|---|---|---|
| 8c | 8-inch Concrete Driveway | 50 | SY | | | | | |
| 9a | Curb or Curb and Gutter Removed | 810 | LF | | | | | |
| 9b | Concrete Curb and Gutter, Type 2 | 810 | LF | | | | | |
| 10 | Maintenance of Traffic | 1 | LS | | | | | |
| 11 | Storm Water Pollution Prevention | 1 | LS | 10,000 | 00 | Ten Thousand and 00/100 Dollars | $10,000 | 00 |
| 12 | Clearing and Grubbing | 1 | LS | | | | | |
| 13 | Post-Construction Sewer Televising 8-inch Through 24-inch Sewer | 6522 | LF | | | | | |
| 14a | Blue Grass Farms Pump Station Demolition | 1 | LS | | | | | |
| 14b | Field Avenue Pump Station Demolition | 1 | LS | | | | | |
| 15 | Remove and Replace Pedestrian Signal | 1 | EA | | | | | |
| 16 | Pavement Markings for Cemetery Road | 1 | LS | | | | | |

| Item No. | Description | Estimated Amount | Unit | Unit Price in Numbers | | Unit Price in Words | Total Estimated Cost of Item | |
|---|---|---|---|---|---|---|---|---|
| 17 | Finzel Road Pump Station Rehabilitation | 1 | LS | | | | | |
| 18 | Bypass Pumping | 6 | WEEK | | | | | |
| 19a | Water Main Repair, Less Than or Equal to 12-inch Diameter | 40 | LF | | | | | |
| 19b | Water Service Repair | 2 | EA | | | | | |
| 20 | Topsoil Stripped, Stockpiled and Placed | 1 | LS | | | | | |
| 21 | Dump Rock Fill, Type D | 90 | CY | | | | | |
| 22 | Ditch Enclosure Fill | 1990 | CY | | | | | |
| 23 | Video Recording of the Zone of Influence | 1 | LS | | | | | |
| **Total Base Bid Amount (Not Including Alternate Items)** | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | **Alternate 1*** **(Not Included in Base Bid Items)** | | | | | | | |
| 2i-alt | 24-inch Sanitary Sewer, Type B (Greater than 20-feet Deep) | 182 | LF | | | | | |
| **Total Alternate 1 (Not Including Base Bid)** | | | | | | | | |
| | **Alternate 2*** **(Not Included in Base Bid Items)** | | | | | | | |
| 2l-alt | 24-inch DIP Sanitary Sewer in 42-inch Bored Casing | 182 | LF | | | | | |
| **Total Alternate 2 (Not Including Base Bid)** | | | | | | | | |

* One of the Alternate Bids is required. Bidders may provide bids for both alternates.

**ARTICLE 6 – TIME OF COMPLETION**

6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

**ARTICLE 7 – ATTACHMENTS TO THIS BID**

7.01 The following documents are submitted with and made a condition of this Bid:

A. Required Bid security;

B. Evidence of authority to do business in the state of the Project;

C. Required Bidder Qualification Statement with supporting data.

**ARTICLE 8 – DEFINED TERMS**

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

**ARTICLE 9 – BID SUBMITTAL**

BIDDER: *[Indicate correct name of bidding entity]*

_____

By:
*[Signature]* _____

*[Printed name]* _____
*(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)*

Attest:
*[Signature]* _____

*[Printed name]* _____

Title: _____

Submittal Date: _____

Address for giving notices:

_____

_____

_____

_____

_____

Telephone Number: _____

Email Address: _____

Contact Name: _____

_____

Bidder's License No.: _____
*(where applicable)*

PERSONAL PROPERTY TAX AFFIDAVIT

STATE OF OHIO )
)ss.
COUNTY OF _____)

_____, being first duly sworn, deposes and says as follows: answering whichever is applicable by placing an "X" before items 1 or 2.

1. ( ) We are not charged with any delinquent personal property taxes on the general tax list of personal property in _____ County, Ohio.

2. ( ) We are charged with delinquent personal property taxes on the general tax list of _____County, Ohio including unpaid penalties and interest in the amount of $_____.

_____
Bidder

By: _____

Title: _____

Sworn and subscribed before me this _____ day of _____ 20 _____.

_____
Notary Public in and for

_____ State

My Commission Expires:

_____ 20_____

| Item No. | Plan Quantity | Contigency Quantity | Grand Total | Unit | Description | SA-1.1 | SA-1.2 | SA-1.3 | SA-1.4 | SA-1.5 | SA-1.6 | SA-1.7 | SA-1.8 | SA-1.9 | SA-1.10 | SA-1.11 | SA-2.1 | SA-3.1 | SA-4.1 | SA-5.1 | ST-1.1 | ST-1.2 | SR-1 | SR-2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 1 | LS | Mobilization and Demobilization | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2a | 2 | 1 | 3 | EA | 6-inch Lateral Sewer Connection, Type B | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2b | 51 | 5 | 56 | LF | 8-inch Sanitary Sewer, Type B | 0 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| 2c | 10 | 5 | 15 | LF | 10-inch Sanitary Sewer, Type B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2d | 93 | 5 | 98 | LF | 12-inch Sanitary Sewer, Type B | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| 2e | 43 | 0 | 43 | LF | 14-inch Sanitary Sewer, Type B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 0 | 0 |
| 2f | 25 | 5 | 30 | LF | 15-inch Sanitary Sewer, Type B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 13 | 0 | 0 | 0 | 0 |
| 2g | 292 | 0 | 292 | LF | 18-inch Sanitary Sewer, Type B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 266 | 26 | 0 | 0 | 0 | 0 | 0 |
| 2h | 736 | 5 | 741 | LF | 24-inch Sanitary Sewer, Type B (Less than or equal to 20-feet Deep) | 537 | 199 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2i | 720 | 5 | 725 | LF | 24-inch Sanitary Sewer, Type B (Greater than 20-feet Deep) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 448 | 272 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2j | 3855 | 10 | 3865 | LF | 24-inch Sanitary Sewer, Type C (Less than or equal to 20-feet Deep) | 0 | 351 | 550 | 550 | 550 | 550 | 550 | 511 | 0 | 25 | 218 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2k | 226 | 0 | 226 | LF | 24-inch Sanitary Sewer, Type C (Greater than 20-feet Deep) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 10 | 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2l | 289 | 0 | 289 | LF | 24-inch DIP Sanitary Sewer in 42-inch Bored Casing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 243 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2m | 2 | 0 | 2 | EA | 8-inch Sanitary Sewer Connection to Existing | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 2n | 1 | 0 | 1 | EA | 10-inch Sanitary Sewer Connection to Existing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2o | 3 | 0 | 3 | EA | 12-inch Sanitary Sewer Connection to Existing | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 2p | 3 | 0 | 3 | EA | 15-inch Sanitary Sewer Connection to Existing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2q | 1 | 0 | 1 | EA | 24-inch Sanitary Sewer Connection to Existing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2r | 0 | 50 | 50 | LF | Sewer Pipe Repair, Less Than 15-inches in Diameter | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2s | 22 | 38 | 60 | LF | 8-inch Force Main Removed, Type B | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2t | 7 | 0 | 7 | LF | 12-inch Sanitary Sewer Removed, Type B | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2u | 4 | 0 | 4 | EA | 4-inch Plug | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2v | 13 | 0 | 13 | EA | 8-inch Plug | 1 | 4 | 0 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2w | 6 | 0 | 6 | EA | 12-inch Plug | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2x | 1 | 0 | 1 | EA | 15-inch Plug | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2y | 659 | 0 | 659 | LF | Sanitary Sewer Abandoned | 556 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2z | 28 | 5 | 33 | LF | 8-inch Storm Sewer, Type C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 |
| 2aa | 65 | 0 | 65 | LF | 18-inch Storm Sewer, Type C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2ab | 670 | 10 | 680 | LF | 36-inch Storm Sewer, Type C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 539 | 131 | 0 | 0 |
| 2ac | 21 | 4 | 25 | LF | 36-inch Culvert Repair, Type B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3a | 1 | 0 | 1 | EA | Tapping Sleeve, Valve and Manhole for Bypass Connection to Force Main | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3b | 1 | 0 | 1 | EA | 14-inch Inserting Valve and Box | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3c | 4 | 0 | 4 | EA | 8-inch Valve and Box Abandoned | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 2 | 0 | 2 | EA | Nyloplast Catch Basin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| 5a | 55 | 5 | 60 | VLF | Sanitary Sewer Manhole, Type I | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 20 | 18 | 0 | 0 | 0 | 0 | 0 |
| 5b | 248 | 2 | 250 | VLF | Sanitary Sewer Manhole, Type II | 36 | 17 | 18 | 18 | 0 | 18 | 0 | 19 | 69 | 44 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5c | 130 | 0 | 130 | VLF | Sanitary Sewer Manhole, Type II with Drop | 19 | 17 | 0 | 17 | 18 | 0 | 37 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5d | 23 | 0 | 23 | VLF | Sanitary Sewer Manhole, Type III | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5e | 7 | 0 | 7 | VLF | Storm Sewer Manhole, Type III | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 |
| 5f | 3 | 0 | 3 | EA | Manhole Abandoned | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5g | 4 | 0 | 4 | EA | Manhole Removed | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6a | 2315 | 235 | 2550 | SY | ODOT Item 202 Pavement and Base Removed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1323 | 992 |
| 6b | 76 | 14 | 90 | SY | ODOT Item 202 Driveway and Sidewalk Pavement Removed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 55 |
| 6c | 612 | 68 | 680 | SY | ODOT Item 254 Pavement Planing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 612 | 0 |
| 7a | 785 | 85 | 870 | CY | ODOT Item 304 Aggregate Base | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 445 | 340 |
| 7b | 114 | 16 | 130 | CY | ODOT Item 301 Asphalt Concrete Base | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 111 | 3 |
| 7c | 286 | 34 | 320 | GAL | ODOT Item 407 Tack Coat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 187 | 99 |
| 7d | 116 | 14 | 130 | CY | ODOT Item 441 Asphalt Concrete Intermediate Course, Type 2 (448) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 61 |
| 7e | 114 | 16 | 130 | CY | ODOT Item 441 Asphalt Concrete Surface Course, Type 1 (448) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 34 |
| 7f | 2391 | 239 | 2630 | SY | ODOT Item 204 Subgrade Compaction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1344 | 1047 |
| 7g | 2391 | 239 | 2630 | SY | Temporary Pavement Repair | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1344 | 1047 |
| 8a | 309 | 11 | 320 | SF | 4-inch Concrete Sidewalk | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 190 | 119 |
| 8b | 122 | 8 | 130 | SF | 6-inch and 8-inch Concrete Sidewalk and Curb Ramp with Detectable Warning Surface | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 90 |
| 8c | 41 | 9 | 50 | SY | 8-inch Concrete Driveway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 |
| 9a | 702 | 108 | 810 | LF | Curb or Curb and Gutter Removed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 702 | 0 |
| 9b | 702 | 108 | 810 | LF | Concrete Curb and Gutter, Type 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 702 | 0 |
| 10 | 1 | 0 | 1 | LS | Maintenance of Traffic | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 1 | 0 | 1 | LS | Storm Water Pollution Prevention | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 1 | 0 | 1 | LS | Clearing and Grubbing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 6340 | 0 | 6340 | LF | Post-Construction Sewer Televising 8-inch Through 24-inch Sewer | 550 | 589 | 550 | 550 | 550 | 550 | 550 | 550 | 448 | 550 | 441 | 90 | 266 | 50 | 56 | 0 | 0 | 0 | 0 |
| 14a | 1 | 0 | 1 | LS | Blue Grass Farms Pump Station Demolition | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14b | 1 | 0 | 1 | LS | Field Avenue Pump Station Demolition | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 1 | 0 | 1 | EA | Remove and Replace Pedestrian Signal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 1 | 0 | 1 | LS | Pavement Markings for Cemetery Road | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 1 | 0 | 1 | LS | Finzel Road Pump Station Rehabilitation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 5 | 1 | 6 | WEEK | Bypass Pumping | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19a | 0 | 40 | 40 | LF | Water Main Repair, Less Than or Equal to 12-inch Diameter | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19b | 0 | 2 | 2 | EA | Water Service Repair | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 1 | 1 | LS | Topsoil Stripped, Stockpiled and Placed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 88 | 2 | 90 | CY | Dump Rock Fill, Type D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88 | 0 | 0 |
| 22 | 1976 | 14 | 1990 | CY | Ditch Enclosure Fill | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1398 | 578 | 0 | 0 |
| 23 | 0 | 1 | 1 | LS | Video Recording of the Zone of Influence | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Alternate 1 (Not Included in Base Bid)** | | | | | | **Alternate 1 (Not Included in Base Bid)** | | | | | | | | | | | | | | | | | | |
| 2i-alt | 182 | 0 | 182 | LF | 24-inch Sanitary Sewer, Type B (Greater than 20-feet Deep) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Alternate 2 (Not Included in Base Bid)** | | | | | | **Alternate 2 (Not Included in Base Bid)** | | | | | | | | | | | | | | | | | | |
| 2l-alt | 182 | 0 | 182 | LF | 24-inch DIP Sanitary Sewer in 42-inch Bored Casing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

QUANTITY NOTES:

1. QUANTITIES SHOWN IN THE GENERAL SUMMARY ARE REFERENCED TO THE SEWER LINE PLAN AND PROFILE SHEETS.
2. BIDDERS/CONTRACTORS SHALL CALL DISCREPANCIES TO THE ENGINEERS ATTENTION AS SOON AS THEY ARE DISCOVERED.
3. BIDDER ACKNOWLEDGES THAT QUANTITIES ARE NOT GUARANTEED AND FINAL PAYMENT WILL BE BASED ON ACTUAL QUANTITIES DETERMINED AS PROVIDED IN THE CONTRACT DOCUMENTS.

GENERAL SUMMARY

VILLAGE OF WHITEHOUSE, OHIO WABASH CANNONBALL TRAIL INTERCEPTOR SEWER & FINZEL ROAD PUMP STATION REHABILITATION

| NO. | DATE | REVISIONS AFTER ISSUED FOR BID | BY |
|---|---|---|---|
| 5 | | | |
| 4 | | | |
| 3 | | | |
| 2 | 10-27-2020 | ADDENDUM 1 ALTERNATES ADDED | AMM |
| 1 | | | |

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JOB NO. 334-7448.002

SCALE NONE

THIS LINE SCALES 1" WHEN PLOTTED TO NOTED SCALE

| DESIGNED | DRAWN | CHECKED |
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| AMM | AMM | TAB |

STATUS: ISSUED FOR BID

DATE: SEPTEMBER 2020

SHEET NO.

G-3



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10/27/2020 7:07 AM
10/23/2020 7:07 AM

ALTERNATIVE BID ITEMS
THE CONTRACTOR MAY CONSTRUCT THE NEW 24-INCH GRAVITY SEWER FROM MH SA-1.9-1 TO MH SA-1.9-3 BY OPEN-CUT METHODS OR TRENCHLESS METHODS AS OUTLINED BY THE ALTERNATIVE BID ITEMS. TRENCHLESS METHODS SHALL BE A 24-INCH PIPE INSTALLED INSIDE A 42-INCH STEEL BORED CASING PIPE.

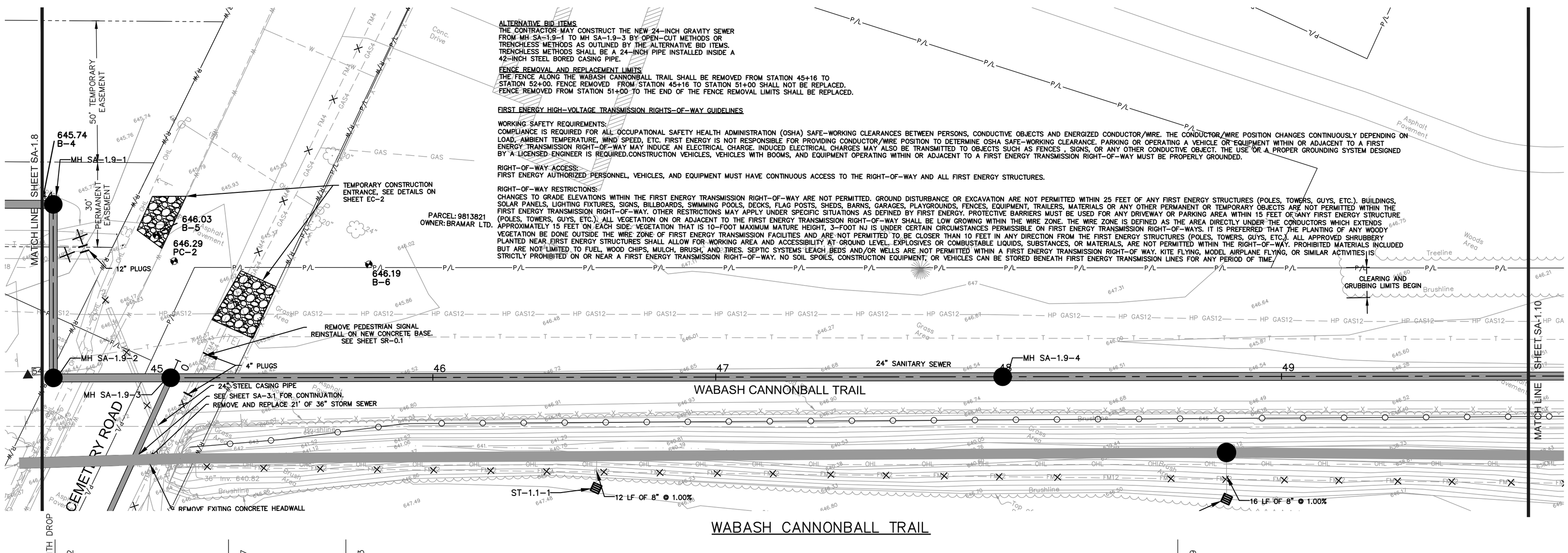
FENCE REMOVAL AND REPLACEMENT LIMITS
THE FENCE ALONG THE WABASH CANNONBALL TRAIL SHALL BE REMOVED FROM STATION 45+16 TO STATION 52+00. FENCE REMOVED FROM STATION 45+16 TO STATION 51+00 SHALL NOT BE REPLACED. FENCE REMOVED FROM STATION 51+00 TO THE END OF THE FENCE REMOVAL LIMITS SHALL BE REPLACED.

FIRST ENERGY HIGH-VOLTAGE TRANSMISSION RIGHTS-OF-WAY GUIDELINES

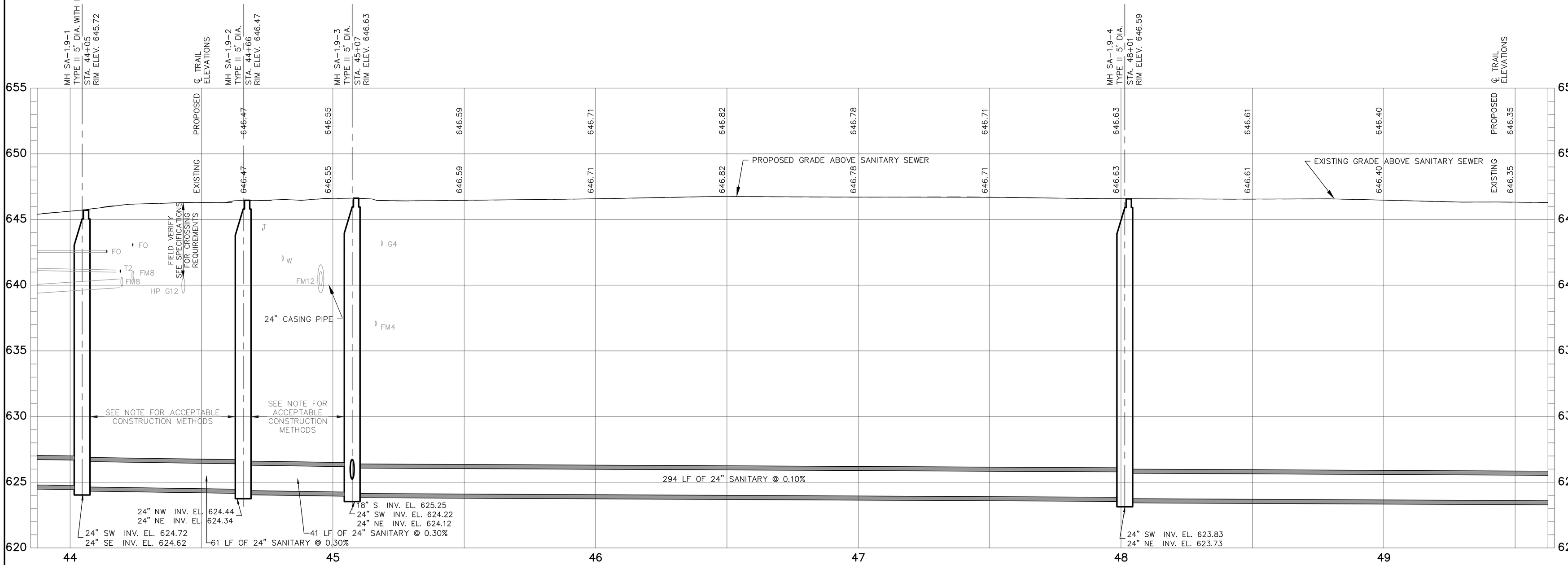
WORKING SAFETY REQUIREMENTS:
COMPLIANCE IS REQUIRED FOR ALL OCCUPATIONAL SAFETY HEALTH ADMINISTRATION (OSHA) SAFE-WORKING CLEARANCES BETWEEN PERSONS, CONDUCTIVE OBJECTS AND ENERGIZED CONDUCTOR/WIRE. THE CONDUCTOR/WIRE POSITION CHANGES CONTINUOUSLY DEPENDING ON LOAD, AMBIENT TEMPERATURE, WIND SPEED, ETC. FIRST ENERGY IS NOT RESPONSIBLE FOR PROVIDING CONDUCTOR/WIRE POSITION TO DETERMINE OSHA SAFE-WORKING CLEARANCE. PARKING OR OPERATING A VEHICLE OR EQUIPMENT WITHIN OR ADJACENT TO A FIRST ENERGY TRANSMISSION RIGHT-OF-WAY MAY INDUCE AN ELECTRICAL CHARGE. INDUCED ELECTRICAL CHARGES MAY ALSO BE TRANSMITTED TO OBJECTS SUCH AS FENCES , SIGNS, OR ANY OTHER CONDUCTIVE OBJECT. THE USE OR A PROPER GROUNDING SYSTEM DESIGNED BY A LICENSED ENGINEER IS REQUIRED.CONSTRUCTION VEHICLES, VEHICLES WITH BOOMS, AND EQUIPMENT OPERATING WITHIN OR ADJACENT TO A FIRST ENERGY TRANSMISSION RIGHT-OF-WAY MUST BE PROPERLY GROUNDED.

RIGHT-OF-WAY ACCESS:
FIRST ENERGY AUTHORIZED PERSONNEL, VEHICLES, AND EQUIPMENT MUST HAVE CONTINUOUS ACCESS TO THE RIGHT-OF-WAY AND ALL FIRST ENERGY STRUCTURES.

RIGHT-OF-WAY RESTRICTIONS:
CHANGES TO GRADE ELEVATIONS WITHIN THE FIRST ENERGY TRANSMISSION RIGHT-OF-WAY ARE NOT PERMITTED. GROUND DISTURBANCE OR EXCAVATION ARE NOT PERMITTED WITHIN 25 FEET OF ANY FIRST ENERGY STRUCTURES (POLES, TOWERS, GUYS, ETC.). BUILDINGS, SOLAR PANELS, LIGHTING FIXTURES, SIGNS, BILLBOARDS, SWIMMING POOLS, DECKS, FLAG POSTS, SHEDS, BARNS, GARAGES, PLAYGROUNDS, FENCES, EQUIPMENT, TRAILERS, MATERIALS OR ANY OTHER PERMANENT OR TEMPORARY OBJECTS ARE NOT PERMITTED WITHIN THE FIRST ENERGY TRANSMISSION RIGHT-OF-WAY. OTHER RESTRICTIONS MAY APPLY UNDER SPECIFIC SITUATIONS AS DEFINED BY FIRST ENERGY. PROTECTIVE BARRIERS MUST BE USED FOR ANY DRIVEWAY OR PARKING AREA WITHIN 15 FEET OF ANY FIRST ENERGY STRUCTURE (POLES, TOWERS, GUYS, ETC.). ALL VEGETATION ON OR ADJACENT TO THE FIRST ENERGY TRANSMISSION RIGHT-OF-WAY SHALL BE LOW GROWING WITHIN THE WIRE ZONE. THE WIRE ZONE IS DEFINED AS THE AREA DIRECTLY UNDER THE CONDUCTORS WHICH EXTENDS APPROXIMATELY 15 FEET ON EACH SIDE. VEGETATION THAT IS 10-FOOT MAXIMUM MATURE HEIGHT, 3-FOOT NJ IS UNDER CERTAIN CIRCUMSTANCES PERMISSIBLE ON FIRST ENERGY TRANSMISSION RIGHT-OF-WAYS. IT IS PREFERRED THAT THE PLANTING OF ANY WOODY VEGETATION BE DONE OUTSIDE THE WIRE ZONE OF FIRST ENERGY TRANSMISSION FACILITIES AND ARE NOT PERMITTED TO BE CLOSER THAN 10 FEET IN ANY DIRECTION FROM THE FIRST ENERGY STRUCTURES (POLES, TOWERS, GUYS, ETC.). ALL APPROVED SHRUBBERY PLANTED NEAR FIRST ENERGY STRUCTURES SHALL ALLOW FOR WORKING AREA AND ACCESSIBILITY AT GROUND LEVEL. EXPLOSIVES OR COMBUSTIBLE LIQUIDS, SUBSTANCES, OR MATERIALS, ARE NOT PERMITTED WITHIN THE RIGHT-OF-WAY. PROHIBITED MATERIALS INCLUDED BUT ARE NOT LIMITED TO FUEL, WOOD CHIPS, MULCH, BRUSH, AND TIRES. SEPTIC SYSTEMS LEACH BEDS AND/OR WELLS ARE NOT PERMITTED WITHIN A FIRST ENERGY TRANSMISSION RIGHT-OF WAY. KITE FLYING, MODEL AIRPLANE FLYING, OR SIMILAR ACTIVITIES IS STRICTLY PROHIBITED ON OR NEAR A FIRST ENERGY TRANSMISSION RIGHT-OF-WAY. NO SOIL SPOILS, CONSTRUCTION EQUIPMENT, OR VEHICLES CAN BE STORED BENEATH FIRST ENERGY TRANSMISSION LINES FOR ANY PERIOD OF TIME.




WABASH CANNONBALL TRAIL




WABASH CANNONBALL TRAIL
SANITARY SEWER
PLAN AND PROFILE
STA. 44+00 TO 49+50

VILLAGE OF WHITEHOUSE, OHIO WABASH CANNONBALL TRAIL
INTERCEPTOR SEWER & FINZEL ROAD PUMP STATION REHABILITATION

| NO. | DATE | REVISIONS AFTER ISSUED FOR BID | BY |
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| 5 | | | |
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| 2 | 10-23-2020 | ADDENDUM 1 NOTES ADDED | AMM |
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JOB NO. 334-7448.002
SCALE 1"=20' HOR. 1"=4' VERT.
THIS LINE SCALES 1" WHEN PLOTTED TO NOTED SCALE

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STATUS: ISSUED FOR BID
DATE: SEPTEMBER 2020
SHEET NO.
SA-1.9
19 OF 39

TOL-7x48002SA-STA. 44+00 TO 49+50
10/23/2020 4:44 PM AMITCHELL
10/23/2020 6:57 AM

PARCEL: 9813824
OWNER: DAVID BROWN

FENCE REMOVAL AND REPLACEMENT LIMITS
THE FENCE ALONG THE WABASH CANNONBALL TRAIL SHALL BE REMOVED FROM STATION 45+16 TO STATION 52+00. FENCE REMOVED FROM STATION 45+16 TO STATION 51+00 SHALL NOT BE REPLACED. FENCE REMOVED FROM STATION 51+00 TO THE END OF THE FENCE REMOVAL LIMITS SHALL BE REPLACED.

BENCHMARK 300
CHISELED "X" ON NORTHWESTERLY BOLT ON TOWER BASE
EL. 645.94

FIRST ENERGY HIGH-VOLTAGE TRANSMISSION RIGHTS-OF-WAY GUIDELINES

WORKING SAFETY REQUIREMENTS:
COMPLIANCE IS REQUIRED FOR ALL OCCUPATIONAL SAFETY HEALTH ADMINISTRATION (OSHA) SAFE-WORKING CLEARANCES BETWEEN PERSONS, CONDUCTIVE OBJECTS AND ENERGIZED CONDUCTOR/WIRE. THE CONDUCTOR/WIRE POSITION CHANGES CONTINUOUSLY DEPENDING ON LOAD, AMBIENT TEMPERATURE, WIND SPEED, ETC. FIRST ENERGY IS NOT RESPONSIBLE FOR PROVIDING CONDUCTOR/WIRE POSITION TO DETERMINE OSHA SAFE-WORKING CLEARANCE. PARKING OR OPERATING A VEHICLE OR EQUIPMENT WITHIN OR ADJACENT TO A FIRST ENERGY TRANSMISSION RIGHT-OF-WAY MAY INDUCE AN ELECTRICAL CHARGE. INDUCED ELECTRICAL CHARGES MAY ALSO BE TRANSMITTED TO OBJECTS SUCH AS FENCES , SIGNS, OR ANY OTHER CONDUCTIVE OBJECT. THE USE OF A PROPER GROUNDING SYSTEM DESIGNED BY A LICENSED ENGINEER IS REQUIRED.CONSTRUCTION VEHICLES, VEHICLES WITH BOOMS, AND EQUIPMENT OPERATING WITHIN OR ADJACENT TO A FIRST ENERGY TRANSMISSION RIGHT-OF-WAY MUST BE PROPERLY GROUNDED.

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MATCH LINE SHEET SA-1.9

WABASH CANNONBALL TRAIL

CLEARING AND GRUBBING LIMITS END

REMOVE AND REPLACE EXISTING WOOD FENCE, SEE NOTE 3.

MH SA-1.10-1

DITCH CROSSING, SEE NOTE 1 FOR ACCESS AND NOTE 2 FOR FLOW MAINTENANCE.

644.76 B-7

646.58 PC-3

CONCRETE TRAFFIC BARRIER (ODOT NJ SHAPE PCB OR APPROVED EQUAL) (TYP.)

TRANSMISSION STRUCTURE 51

12" PLUGS

MH SA-1.10-2

24" SANITARY SEWER

BORE PIT

PARCEL 4 - IN
PARCEL: 9804154
OWNER: PHILLIP MAHN

50' TEMPORARY EASEMENT

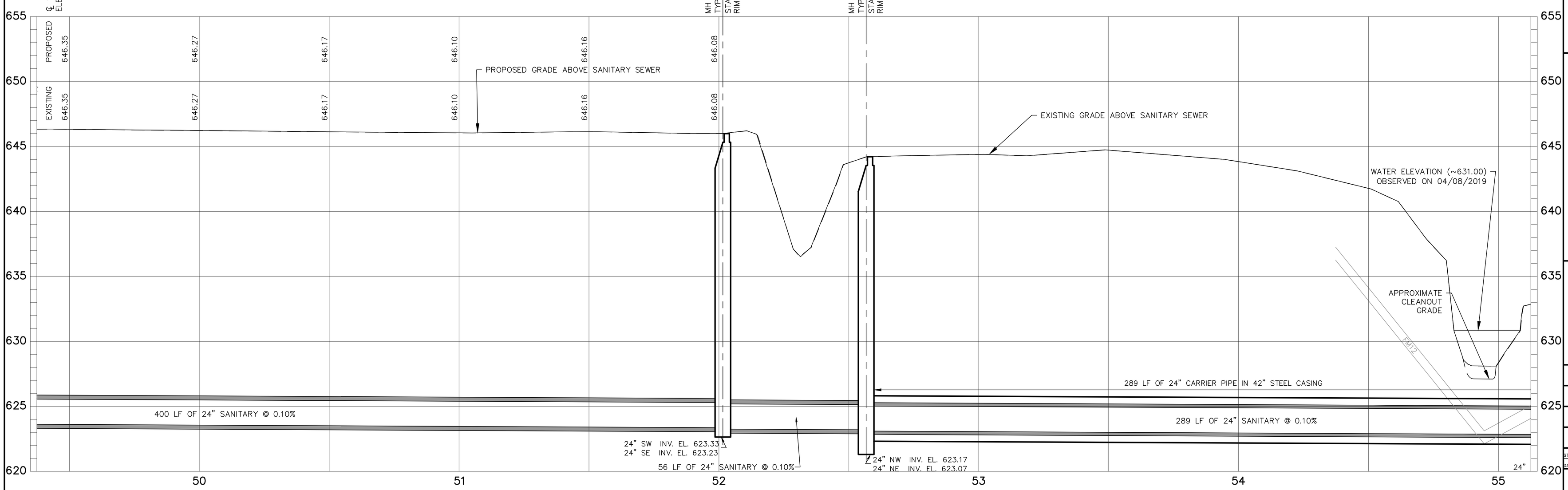
BRIDGE WING WALL REMAINS. LIMITS OF FOUNDATION ARE UNKNOWN

BLUE CREEK

SHEET SA-1.11 MATCH LINE

NOTES:
1. THE CONTRACTOR MAY CONSTRUCT A TEMPORARY EARTHEN EMBANKMENT TO PERMIT VEHICULAR ACCESS ACROSS THE STREAM. IF THIS ACCESS IS TO BE MAINTAINED DURING THE WORK, A 24-INCH MINIMUM DIAMETER PIPE SHALL BE PROVIDED TO CONVEY FLOWS UNDER THE TRAIL.
2. THE CONTRACTOR SHALL MAINTAIN THE FLOW IN THE STREAM WITH PUMPS IF THE CHANNEL IS BLOCKED FOR WORK.
3. THE CONTRACTOR SHALL CAREFULLY DISASSEMBLE THE EXISTING 3 BOARD AND CAP RAIL TREATED LUMBER WOOD FENCE. THE DISMANTLED FENCE SHALL BE REINSTALLED AT THE COMPLETION OF WORK IN THE AREA BY THE CONTRACTOR. ANY BOARDS, POSTS OR LAG BOLT HARDWARE DAMAGED DURING REMOVAL OR STORAGE SHALL BE REPLACED BY THE CONTRACTOR.

WABASH CANNONBALL TRAIL




TOL-7x4x802SA-STA. 49+50 TO 55+00
10/23/2020 6:45 AM - AMITCHELL
10/23/2020 6:57 AM

WABASH CANNONBALL TRAIL
SANITARY SEWER
PLAN AND PROFILE
STA. 49+50 TO 55+00

VILLAGE OF WHITEHOUSE, OHIO WABASH CANNONBALL TRAIL
INTERCEPTOR SEWER & FINZEL ROAD PUMP STATION REHABILTATION

| NO. | DATE | REVISIONS AFTER ISSUED FOR BID | BY |
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| 1 | 10-23-2020 | ADDENDUM 1 NOTES ADDED | AMM |

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JOB NO. 334-7448.002
SCALE 1"=20' HOR. 1"=4' VERT.
THIS LINE SCALES 1" WHEN PLOTTED TO NOTED SCALE

| DESIGNED | DRAWN | CHECKED |
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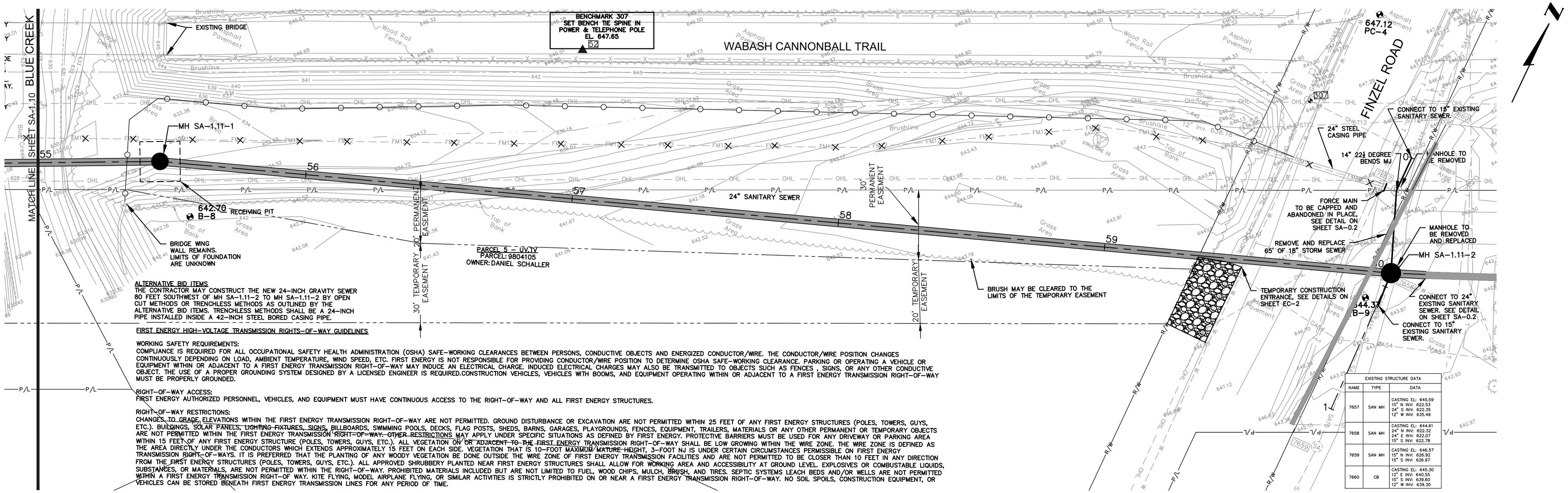
STATUS: ISSUED FOR BID
DATE: SEPTEMBER 2020

SHEET NO.
SA-1.10
20 OF 39




ALTERNATIVE BID ITEMS
THE CONTRACTOR MAY CONSTRUCT THE NEW 24-INCH GRAVITY SEWER 80 FEET SOUTHWEST OF MH SA-1.11-2 TO MH SA-1.11-2 BY OPEN CUT METHODS OR TRENCHLESS METHODS AS OUTLINED BY THE ALTERNATIVE BID ITEMS. TRENCHLESS METHODS SHALL BE A 24-INCH PIPE INSTALLED INSIDE A 42-INCH STEEL BORED CASING PIPE.

FIRST ENERGY HIGH-VOLTAGE TRANSMISSION RIGHTS-OF-WAY GUIDELINES

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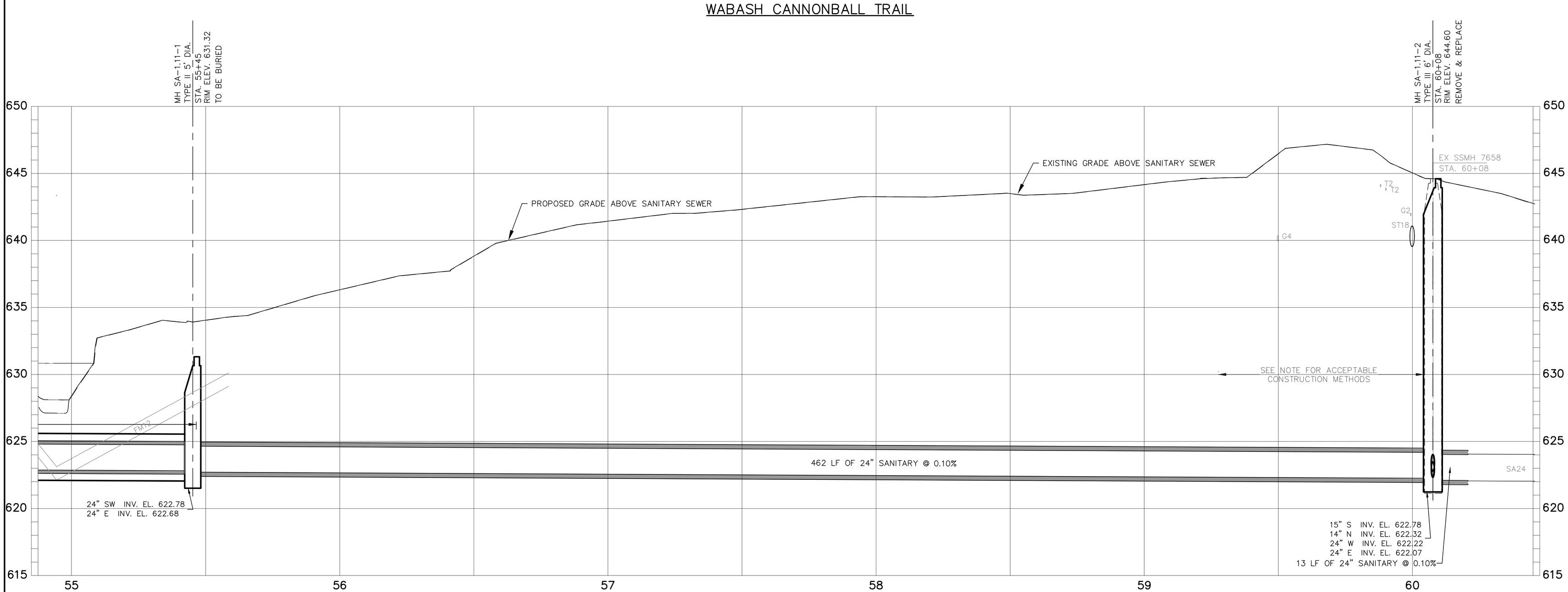
FIRST ENERGY AUTHORIZED PERSONNEL, VEHICLES, AND EQUIPMENT MUST HAVE CONTINUOUS ACCESS TO THE RIGHT-OF-WAY AND ALL FIRST ENERGY STRUCTURES.

RIGHT-OF-WAY RESTRICTIONS:
CHANGES TO GRADE ELEVATIONS WITHIN THE FIRST ENERGY TRANSMISSION RIGHT-OF-WAY ARE NOT PERMITTED. GROUND DISTURBANCE OR EXCAVATION ARE NOT PERMITTED WITHIN 25 FEET OF ANY FIRST ENERGY STRUCTURES (POLES, TOWERS, GUYS, ETC.). BUILDINGS, SOLAR PANELS, LIGHTING FIXTURES, SIGNS, BILLBOARDS, SWIMMING POOLS, DECKS, FLAG POSTS, SHEDS, BARNS, GARAGES, PLAYGROUNDS, FENCES, EQUIPMENT, TRAILERS, MATERIALS OR ANY OTHER PERMANENT OR TEMPORARY OBJECTS ARE NOT PERMITTED WITHIN THE FIRST ENERGY TRANSMISSION RIGHT-OF-WAY. OTHER RESTRICTIONS MAY APPLY UNDER SPECIFIC SITUATIONS AS DEFINED BY FIRST ENERGY. PROTECTIVE BARRIERS MUST BE USED FOR ANY DRIVEWAY OR PARKING AREA WITHIN 15 FEET OF ANY FIRST ENERGY STRUCTURE (POLES, TOWERS, GUYS, ETC.). ALL VEGETATION ON OR ADJACENT TO THE FIRST ENERGY TRANSMISSION RIGHT-OF-WAY SHALL BE LOW GROWING WITHIN THE WIRE ZONE. THE WIRE ZONE IS DEFINED AS THE AREA DIRECTLY UNDER THE CONDUCTORS WHICH EXTENDS APPROXIMATELY 15 FEET ON EACH SIDE. VEGETATION THAT IS 10-FOOT MAXIMUM MATURE HEIGHT, 3-FOOT NJ IS UNDER CERTAIN CIRCUMSTANCES PERMISSIBLE ON FIRST ENERGY TRANSMISSION RIGHT-OF-WAYS. IT IS PREFERRED THAT THE PLANTING OF ANY WOODY VEGETATION BE DONE OUTSIDE THE WIRE ZONE OF FIRST ENERGY TRANSMISSION FACILITIES AND ARE NOT PERMITTED TO BE CLOSER THAN 10 FEET IN ANY DIRECTION FROM THE FIRST ENERGY STRUCTURES (POLES, TOWERS, GUYS, ETC.). ALL APPROVED SHRUBBERY PLANTED NEAR FIRST ENERGY STRUCTURES SHALL ALLOW FOR WORKING AREA AND ACCESSIBILITY AT GROUND LEVEL. EXPLOSIVES OR COMBUSTABLE LIQUIDS, SUBSTANCES, OR MATERIALS, ARE NOT PERMITTED WITHIN THE RIGHT-OF-WAY. PROHIBITED MATERIALS INCLUDED BUT ARE NOT LIMITED TO FUEL, WOOD CHIPS, MULCH, BRUSH, AND TIRES. SEPTIC SYSTEMS LEACH BEDS AND/OR WELLS ARE NOT PERMITTED WITHIN A FIRST ENERGY TRANSMISSION RIGHT-OF-WAY. KITE FLYING, MODEL AIRPLANE FLYING, OR SIMILAR ACTIVITIES IS STRICTLY PROHIBITED ON OR NEAR A FIRST ENERGY TRANSMISSION RIGHT-OF-WAY. NO SOIL SPOILS, CONSTRUCTION EQUIPMENT, OR VEHICLES CAN BE STORED BENEATH FIRST ENERGY TRANSMISSION LINES FOR ANY PERIOD OF TIME.

EXISTING STRUCTURE DATA

| NAME | TYPE | DATA |
|---|---|---|
| 7657 | SAN MH | CASTING EL: 645.59<br>15" N INV: 622.53<br>24" S INV: 622.35<br>12" W INV: 635.49 |
| 7658 | SAN MH | CASTING EL: 644.61<br>24" N INV: 622.32<br>24" E INV: 622.07<br>15" S INV: 622.78 |
| 7659 | SAN MH | CASTING EL: 646.57<br>15" N INV: 626.92<br>15" S INV: 626.97 |
| 7660 | CB | CASTING EL: 645.30<br>12" E INV: 640.55<br>15" S INV: 639.60<br>12" W INV: 639.30 |




WABASH CANNONBALL TRAIL
SANITARY SEWER
PLAN AND PROFILE
STA. 55+00 TO 60+21

VILLAGE OF WHITEHOUSE, OHIO WABASH CANNONBALL TRAIL
INTERCEPTOR SEWER & FINZEL ROAD PUMP STATION REHABILIATION

| NO. | DATE | REVISIONS AFTER ISSUED FOR BID | BY |
|---|---|---|---|
| 5 | | | |
| 4 | | | |
| 3 | | | |
| 2 | | | |
| 1 | 10-27-2020 | ADDENDUM 1 NOTES ADDED | AMM |

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| | |
|---|---|
| JOB NO. | 334-7448.002 |
| SCALE | 1"=20' HOR.<br>1"=4' VERT. |
| THIS LINE SCALES 1" WHEN PLOTTED TO NOTED SCALE | |
| DESIGNED AMM | DRAWN AMM / CHECKED TAB |
| STATUS: | ISSUED FOR BID |
| DATE: | SEPTEMBER 2020 |
| SHEET NO. | SA-1.11 |
| | 21 OF 39 |

TOL-7448002SA-STA. 55+00 TO 60+21
10/27/2020 5:53 AM - AMITCHELL
10/23/2020 6:57 AM