

Addendum No. 1  
to the  
Plans and Specifications for the  
Monticello-Wayne County Industrial Authority  
Wayne County Industrial Park Water and Sewer Line Extensions  
Bid Date: April 17, 2024

The Contractor shall conform to the following changes, as same shall become binding upon the Contract to be issued in response to this invitation.

Item 1 - There are conflicts in the plans and specifications regarding the size and class of the main line materials and casing pipes. The bid form in the specifications is hereby deleted and replaced by the attached "SECTION 00310 - BID FORM – Revised 4/9/24" to include the above corrections and provide additional previously omitted bid items. Sizes and classes in the revised bid form take precedence over the previous bid form and annotations in the plans. Use the water detail casing pipe schedule for both water and sewer facilities.

Item 2 - Provided herewith is a revised gravity sewer profile.

Item 3 - Provided herewith is a lift station road cross section. There is no fence around the station.

Item 4 - The tie-in for the new MPVC water main to the existing PVC mains shall be by stainless steel tapping valve and sleeve and the appropriate reducers as needed.

Item 5 - The lift station pump horsepower may be reduced to 7.5 HP provided the operating curve is non-overloading throughout the impeller operation

Item 6 - The water main shall be C-900 DR 21 CL200 MPVC.

Item 7 - Follow all requirements for compliance with the attached Transportation Cabinet road crossing permits.

Attachments made a part of the addendum include:

SECTION 00310 - BID FORM – Revised 4/9/24

Access Road Section

Revised Gravity Profile

Ky Highway Permit

- End of Addendum -

Issuance Date: April 9, 2024

**SECTION 00310 - BID FORM – Revised 4/9/24**

**MONTICELLO-WAYNE COUNTY INDUSTRIAL DEVELOPMENT AUTHORITY**

Proposal of \_\_\_\_\_ (hereinafter called "BIDDER"), organized and existing under the laws of the State of \_\_\_\_\_, doing business as \_\_\_\_\_ (insert "a corporation", "a partnership", or "an individual" as applicable) to the Monticello-Wayne Co. Industrial Development Authority (hereinafter "OWNER").

In compliance with your Invitation to Bid, BIDDER hereby proposes to furnish all equipment, materials, and labor for the work required to construct the Wayne County Industrial Park Water and Sewer Line Extensions to Lot 1 Project in strict accordance with the Contract Documents, within the time set forth therein, and at the prices stated below.

<b>Item &amp; Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Total</b>
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**BID SCHEDULE – PART 1 WATER LINE WORK**

1. Water Line. Furnish all material, equipment and labor and install water line, including trenching, all fittings, standard bedding, laying, backfilling, thrust-blocking and any other subsidiary work. Excavation is unclassified. Mechanical joint, cast iron fittings (elbows, tees, etc.) are required. Tracer wire is required.

A. 12” C900 MPVC Pipe, DR 21, CL 200	3730 L.F.	\$ _____	\$ _____
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2. Gate Valve Assemblies. Furnish all material, equipment and labor and install gate valves and boxes set complete as specified including trenching, backfilling and concrete collars. Mechanical joint, cast iron only.

A. 12” Gate Valve Assemblies	3 Ea.	\$ _____	\$ _____
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3. Fire Hydrant Assembly. Furnish all material, equipment and labor and install 6-inch fire hydrant assemblies including thrust blocking, excavation and backfilling. Excavation is unclassified. Mechanical joint, cast iron only.

A. Fire Hydrant Assembly	1 Ea.	\$ _____	\$ _____
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4. Air Release Valve Assembly. Furnish all material, equipment and labor and install air release valves in boxes including tapping, saddles, riser pipe, cut off valves and other items for a complete installation of the assembly as shown in the details.

A. Air Release Valve Assembly	2 Ea.	\$ _____	\$ _____
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5. Furnishing, delivery and installing new steel casing pipe for water main highway crossing where open cutting is not allowed. Does not include carrier pipe which is paid under Item 1.

A. Steel Casing Pipe (Bored)	40 L.F.	\$ _____	\$ _____
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6. Furnishing, delivery and installing new steel casing or cover pipe for sewer main crossing of the water line where open cutting is allowed. Does not include carrier pipe which is paid under Item 1.

A. Steel Casing Pipe (open cut) 20 L.F. \$ \_\_\_\_\_ \$ \_\_\_\_\_

7. Tie-n to Existing Lines. Furnish all material, equipment and labor and install connections to existing mains including all pipe cutting, fittings, bends, temporary connections for testing and flushing, thrust blocks and restorations.

A. 16" Taping Valve and Sleeve and Reducers 1 Ea. \$ \_\_\_\_\_ \$ \_\_\_\_\_

B. 6" Taping Valve and Sleeve and Reducers 1 Ea. \$ \_\_\_\_\_ \$ \_\_\_\_\_

**TOTAL BASE BID PART 2 – WATER (Items 1 through 7)** \$ \_\_\_\_\_

**BID SCHEDULE – PART 2 SEWER LINE WORK**

1. Sanitary Sewer. Furnish all material, equipment and labor and install 8" PVC SDR 35 sanitary sewer main, including trenching, bedding, backfill, testing and related work. Unclassified excavation.

A.Sanitary Sewer 0-6.0' 329 L.F. \$ \_\_\_\_\_ \$ \_\_\_\_\_

B.Sanitary Sewer 6.1-8.0' 219 L.F. \$ \_\_\_\_\_ \$ \_\_\_\_\_

C.Sanitary Sewer 8.1-10.0' 126 L.F. \$ \_\_\_\_\_ \$ \_\_\_\_\_

D.Sanitary Sewer 10.1-12.0' 52 L.F. \$ \_\_\_\_\_ \$ \_\_\_\_\_

2. Sewer Manhole. Furnish all material, equipment and labor and install four-foot diameter standard manholes.

A. Standard Manhole (up to six feet in depth) 3 Ea. \$ \_\_\_\_\_ \$ \_\_\_\_\_

B. Additional Depth 10 VF. \$ \_\_\_\_\_ \$ \_\_\_\_\_

3. Duplex Pump Station. Furnish all labor, and equipment and install duplex sanitary sewage pump station. Includes all site work, pumps, piping, wet well, valve vault, on-site manhole and piping, control panel and electrical connection for complete installation.

Duplex Pump Station 1 L.S. \$ \_\_\_\_\_

4. Pump Station Access Road and Site Work. Furnish all material, equipment and labor and construct the pump station access road from the road to the pump station including all site work, grading, culverts, ditching, rip rap, stone for complete installation.

Pump Station Access Road and Site Work 1 L.S. \$ \_\_\_\_\_

5. Force Main. Furnish all material, equipment and labor and install 6" diameter Class 200 PVC force main. Includes bedding, thrust blocking, backfilling and any other subsidiary work for complete installation. Excavation is unclassified. Mechanical joint, cast iron fittings (elbows, tees, etc.) are required. Tracer wire is required.

6" Force Main 790 L.F. \$ \_\_\_\_\_ \$ \_\_\_\_\_

6. Steel Casing Pipe for Sewer. Furnish all material, equipment and labor to install steel casing to cross highway and water mains Does not include carrier pipe installation which is paid under Item 1.

A. Casing for Gravity Main Road (open cut) 40 L.F. \$ \_\_\_\_\_ \$ \_\_\_\_\_

B. Casing Pipe for Force Main Road (Bored) 40 L.F. \$ \_\_\_\_\_ \$ \_\_\_\_\_

B. Casing Pipe for Force Main Water (open cut) 20 L.F. \$ \_\_\_\_\_ \$ \_\_\_\_\_

7. Sewer Main Installed In Casing Pipe. Furnish all material, equipment and labor to install sewer mains in casing pipe.

A. 6" Force Main in Casing Pipe 60 L.F. \$ \_\_\_\_\_ \$ \_\_\_\_\_

B. 8" Gravity Main in Casing Pipe 40 L.F. \$ \_\_\_\_\_ \$ \_\_\_\_\_

8. Air Release Valve. Furnish all material, equipment and labor and install air release valves in boxes including tapping, saddles, riser pipe, cut off valve and other items for a complete installation of the assembly as shown in the details.

A. Air Release Valves 1 Ea. \$ \_\_\_\_\_ \$ \_\_\_\_\_

9. Connection to Existing Manhole. Furnish all material, equipment and labor and connect force main to existing manhole.

Connection to Existing Manhole 1 Ea. \$ \_\_\_\_\_ \$ \_\_\_\_\_

10. Surface Restoration. Furnish all material, equipment and labor for grading, fertilizing, seeding and mulching disturbed lawns and other grassed areas.

Surface Restoration 1 L.S. \$ \_\_\_\_\_

11. Other Costs. Mobilization, demobilization, project sign and other costs.

Other Costs 1 L.S. \$ \_\_\_\_\_

**TOTAL BASE BID PART 2 – SEWER (Items 1 through 11)** \$ \_\_\_\_\_

**TOTAL BID – PARTS 1 AND 2 COMBINED** \$ \_\_\_\_\_

The bid prices shall include all labor, materials, overhead, profit, insurance, and other costs necessary to install the finished work of the several items called for. Changes shall be processed in accordance with the General Conditions.

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

BIDDER hereby agrees to commence Work under this contract on or before a date to be specified in the Notice to Proceed and to complete the work within one-hundred eighty (180) days. BIDDER further agrees to pay as liquidated damages, the sum of \$500 for each consecutive calendar day thereafter as provided in the General Conditions and the Special Conditions.

Accompanying this Proposal is a certified check or standard Bid Bond in the sum of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_), in accordance with the Information for Bidders. The BIDDER, by submittal of this Bid, agrees with the OWNER that the amount of the bid security deposited with this Bid fairly and reasonably represents the amount of damages the OWNER will suffer due to the failure of the BIDDER to fulfill his agreements as provided in this Proposal.

BIDDER acknowledges receipt of the following Addenda:

No. \_\_\_\_\_ Date: \_\_\_\_\_ No. \_\_\_\_\_ Date: \_\_\_\_\_ No. \_\_\_\_\_ Date: \_\_\_\_\_  
No. \_\_\_\_\_ Date: \_\_\_\_\_ No. \_\_\_\_\_ Date: \_\_\_\_\_ No. \_\_\_\_\_ Date: \_\_\_\_\_

BIDDER understands that the OWNER reserves the right to reject any or all Bids and to waive any informalities in the Bidding. BIDDER agrees that this Bid shall be good and may not be withdrawn for a period of sixty (60) calendar days after the actual date of bid opening.

Within ten (10) calendar days after receiving written notice of the acceptance of this Bid by the OWNER, the Bidder will execute and deliver to the OWNER three (3) copies of the Agreement and such other required Contract Documents.

BIDDER: \_\_\_\_\_  
(Name of Company or Partnership)

By: \_\_\_\_\_  
(Signature) (Date)

\_\_\_\_\_  
(Print Name)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Address) (City, State) (Zip)

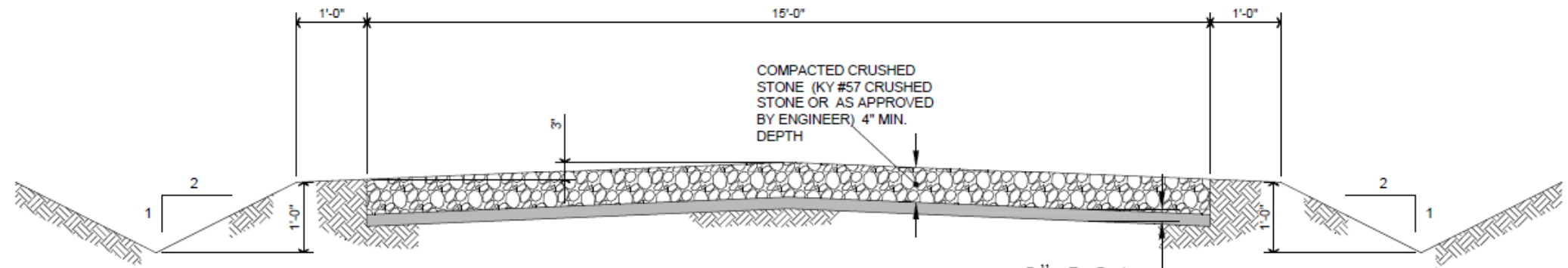
\_\_\_\_\_  
(Email Address)

\_\_\_\_\_  
(Phone Number)

Attested By: \_\_\_\_\_  
(Signature) (Date)

Seal (If bid is by a corporation)

End of Section

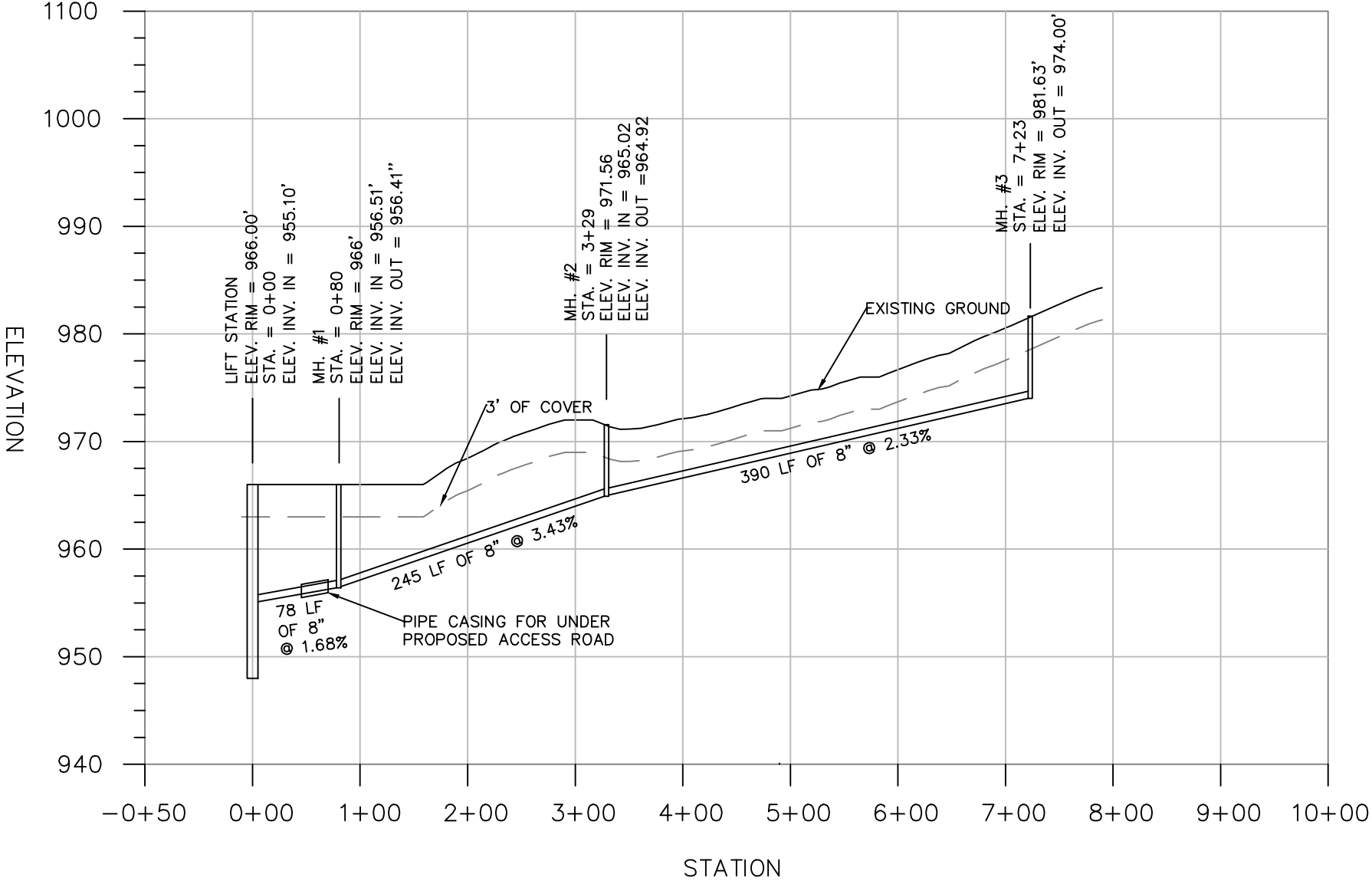


NOTE: ACCESS ROAD TO BE SLOPED AS CONDITIONS WARRANT. 2" D.G.A.

TYPICAL SECTION - ACCESS ROAD & RIP RAP DITCH

N.T.S

GRAVITY SEWER PROFILE







APPLICATION FOR ENCROACHMENT PERMIT

KYTC DEPT #: \_\_\_\_\_

SECTION 1: APPLICANT CONTACT INFORMATION

Table with applicant contact information including fields for APPLICANT, ADDRESS, EMAIL, CITY, STATE, ZIP, CONTACT NAME 1, CONTACT NAME 2, PHONE #, and CELL #.

SECTION 2: PROPOSED WORK LOCATION

Table with proposed work location information including fields for ADDRESS, CITY, STATE, ZIP, COUNTY, ROUTE #, MILE POINT, LONGITUDE (X), and LATITUDE (Y).

ADDITIONAL LOCATION INFORMATION:

FOR KYTC USE ONLY

Form for KYTC use only containing checkboxes for PERMIT TYPE (Air Right, Entrance, Utilities, Vegetation Removal, Other) and ACCESS (Full, Partial, by Permit), and LOCATION (Left, Right, Crossing).

SECTION 3: GENERAL DESCRIPTION OF WORK

The project consists of new water and sewer facilities. It requires a water main bore and a sewer force main bore of Hwy 1275

THE UNDERSIGNED APPLICANT(s), being duly authorized representative(s) or owner(s), DO AGREE TO ALL ORIGINAL UNEDITED TERMS AND CONDITIONS ON THE TC 99-1A, pages 1-4.

SIGNATURE

DATE

This is not a permit unless and until the applicant(s) receives an approved TC 99-1B from KYTC. This application shall become void if not approved by the cancellation date. The cancellation date shall be a minimum of one year from the date the applicant submits their application.

## APPLICATION FOR ENCROACHMENT PERMIT

### TERMS AND CONDITIONS

1. The permit, including this application and all related and accompanying documents and drawings making up the permit, remains in effect and is binding upon the Applicant/Permittee, its successors and assigns, as long as the encroachment(s) exists and also until the permittee is finally relieved by the Department of Highways from all its obligations.
2. Applicant shall meet all requirements of the Clean Water Act if the project will disturb one acre or more, the applicant shall obtain a KPDES KYR10 Permit from the Kentucky Division of Water. All disturbed areas shall meet the requirements of the Department of Highway's Standard Specifications, Sections 212 and 213, as amended.
3. **INDEMNITY:**
  - A. **PERFORMANCE BOND:** The permittee shall provide to the Department a performance bond according to the Permits Manual, Section PE-203 as a guarantee of conformance with the Department's Encroachment Permit requirements.
  - B. **PAYMENT BOND:** At the discretion of the department, a payment bond shall be required of the permittee to ensure payment of liquidated damages assessed to the permittee.
  - C. **LIABILITY INSURANCE:** Liability insurance shall be required of the permittee (in an amount approved by the department) to cover all liabilities associated with the encroachment.
  - D. It shall be the responsibility of the permittee, its successors and assigns, to maintain all indemnities in full force and effect until the permittee is authorized to release the indemnity by the Department.
4. A copy of this application and all related documents making up the approved permit shall be given to the applicant and shall be made readily available for review at the work site at all times.
5. Perpetual maintenance of the encroachment is the responsibility of the permittee, its successors and assigns, with the approval of the Department as required, unless otherwise stated.
6. Permittee, its successors and assigns, shall comply with and agree to be bound by the requirements and terms of (a) this application and all related documents making up the approved permit, (b) by the Department's Permits Manual, and (c) by the Manual on Uniform Traffic Control Devices, both manuals as revised to and in effect on the date of issuance of the permit, all of which documents are made a part thereof by this reference. Compliance by the permittee, its successors and assigns, with subsequent revisions to applicable provisions of either manual or other policy of the Department may be made a condition of allowing the encroachment to persist under the permit.
7. Permittee agrees that this and any encroachment may be ordered removed by the Department at any time, and for any reason, upon thirty days written notice to the last known address of the applicant or to the address at the location of the encroachment. The permittee agrees that the cost of removing and of restoring the associated right-of-way is the responsibility of the permittee, its successors and assigns.
8. Permittee, its successors and assigns, agree that if the Department determines that motor vehicular safety deficiencies develop as a result of the installation or use of the encroachment, the permittee, its successors and assigns, shall provide and bear the expenses to adjust, relocate, or reconstruct the facilities, add signs, auxiliary lanes, or other corrective measures reasonably deemed necessary by the Department within a reasonable time after receipt of a written notice of such deficiency. The period within which such adjustments, relocations, additions, modifications, or other corrective measures must be completed will be specified in the notice.
9. Where traffic signals are required as a condition of granting the requested permit or are thereafter required to correct motor vehicular safety deficiencies, as determined by the Department, the costs for signal equipment and installation(s) shall be borne by the permittee, its successors and assigns and the Department in its reasonable discretion and only in accordance with the Department's current policy set forth in the Traffic Operations Manual and Permits Manual. Any modifications to the permittee's entrance necessary to accommodate signalization (including necessary easement(s) on private property) shall be the responsibility of the permittee, its successors and assigns, at no expense to the Department.

## APPLICATION FOR ENCROACHMENT PERMIT

10. The requested encroachment shall not infringe on the frontage rights of an abutting owner without their written consent as hereinafter described. Each abutting owner shall express their consent, which shall be binding on their successors and assigns, by the submission of a notarized statement as follows, "I (we), \_\_\_\_\_, hereby consent to the granting of the permit requested by the applicant along Route \_\_\_\_\_, which permit does affect frontage rights along my (our) adjacent real property." By signature(s) \_\_\_\_\_, subscribed and sworn by \_\_\_\_\_, on this date \_\_\_\_\_.
11. The permit, if approved, is subject to the agreement that it shall not interfere with any similar rights or permit(s) previously granted to any other party, except as otherwise provided by law.
12. Permittee shall include documentation which describes the facilities to be constructed. Permittee, its successors and assigns, agree as a condition of the granting of the permit to construct and maintain any and all permitted facilities or other encroachments in strict accordance with the submitted and approved permit documentation and the policies and procedures of the Department. Permittee, its successors and assigns, shall not use facilities authorized herein in any manner contrary to that prescribed by the approved permit. Only normal usage as contemplated by the parties and by this application and routine maintenance are authorized by the permit.
13. Permittee, its successors and assigns, at all times from the date permitted work is commenced until such time as all permitted facilities or other encroachments are removed from the right-of-way and the right-of-way restored, **shall defend, protect, indemnify and save harmless** the Department from any and all liability claims and demands arising out of the work, encroachment, maintenance, or other undertaking by the permittee, its successors and assigns, related or undertaken pursuant to the granted permit, due to any claimed act or omission by the permittee, its servants, agents, employees, or contractors. This provision shall not inure to the benefit of any third party nor operate to enlarge any liability of the Department beyond that existing at common law or otherwise if this right to indemnity did not exist.
14. Upon a violation of any provision of the permit, or otherwise in its reasonable discretion, the Department may require additional action by the permittee, its successors and assigns, up to and including the removal of the encroachment and restoration of the right-of-way. In the event additional actions required by the Department under the permit are not undertaken as ordered and within a reasonable time, the Department may in its discretion cause those or other additional corrective actions to be undertaken and the Department shall recover the reasonable costs of those corrective actions from the permittee, its successors and assigns.
15. Permittee, its successors and assigns, shall use the encroachment premises in compliance with all requirements of federal law and regulation, including those imposed pursuant to Title VI of the Civil Right Act of 1964 (42 U.S.C. § 2000d et seq.) and the related regulations of the U.S. Department of Transportation in Title 49 C.F.R. Part 21, all as amended.
16. Permittee, its successors and assigns, agree that if the Department determines it is necessary for the facilities or other encroachment authorized by the permit to be removed, relocated or reconstructed in connection with the reconstruction, relocation or improvement of a highway, the Department may revoke permission for the encroachment to remain under the permit and may order its removal, relocation or reconstruction by the permittee, its successors and assigns, at the expense of the permittee, except where the Department is required by law to pay any or all of those costs.

**APPLICATION FOR ENCROACHMENT PERMIT**

- 17. Permittee agrees that the authorized permit is personal to the permittee and shall remain in effect until such time as (a) the permittee's rights to the adjoining real property to have benefitted from the requested encroachment have been relinquished, (b) until all permit obligations have been assumed by appropriate successors and assigns, and (c) unless and until a written release from permit obligations has been granted by the Department. The permit and its requirements shall also bind the real property to have benefitted from the requested encroachment to the extent permitted by law. The permit and the related encroachment become the responsibility of the successors and assigns of the permittee and the successors and assigns of each property owner benefitting from the encroachment, or the encroachment may not otherwise permissibly continue to be maintained on the right-of-way. (Does not apply to utility encroachments serving the general public.)
- 18. If work authorized by the permit is within a highway construction project in the construction phase, it shall be the responsibility of the permittee to make personal contact with the Department's Engineer on the project in order to coordinate all permitted work with the Department's prime contractor on the project.
- 19. This permit is not intended to, nor shall it, affect, alter or alleviate any requirement imposed upon the permittee, its successors and assigns, by any other agency.
- 20. Permittee, its successors and assigns, agree to contain and maintain all dirt, mud, and other debris emanating from the encroachment away from the surrounding right-of-way and the travel way of the highway hereafter and at all times that its obligations under the permit remain in effect.
- 21. Before You Dig: The contractor is instructed to call 1-800-752-6007 to reach KY 811, the One-Call system for information on the location of existing underground utilities. The call is to be placed a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor should be aware that the owners of underground facilities are not required to be members of the KY 811 One-Call Before U-Dig (BUD) service. The contractor must coordinate excavation with the utility owners, including those whom do not subscribe to KY 811. It may be necessary for the contractor to contact the County Clerk to determine what utility companies have facilities in the area.
- 22. The undersigned Utility acknowledges ownership and control of the facilities proposed to be installed, modified, or extended by the Applicant/Permittee and agrees to be bound by the requirements and terms of this application and all related documents making up the approved permit, by the Department's Permits Guidance Manual, and by all applicable regulations and statutes in effect on the date of issuance of the permit. This information and application is certified correct to the best knowledge and belief of the undersigned Utility.

UTILITY

NAME (Utility Representative)

TITLE (Utility Representative)

SIGNATURE (Utility Representative)

DATE



To Submit a Locate Request  
24 Hours a Day, Seven Days a Week:  
Call 811 or 800-752-6007

**TYPICAL HIGHWAY BORE DETAIL  
- FOR FULLY CONTROLLED HIGHWAYS -**

KYTC KEPT #: \_\_\_\_\_

**SECTION 1: HIGHWAY INFORMATION**

COUNTY:	Wayne	ROUTE:	1275	MILE POINT:	4.211	PAVEMENT WIDTH:	24 ft
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**SECTION 2: UTILITY INFORMATION**

UTILITY TYPE:	Sanitary Force Main	PIPE TYPE:	PVC	DIAMETER:	6"
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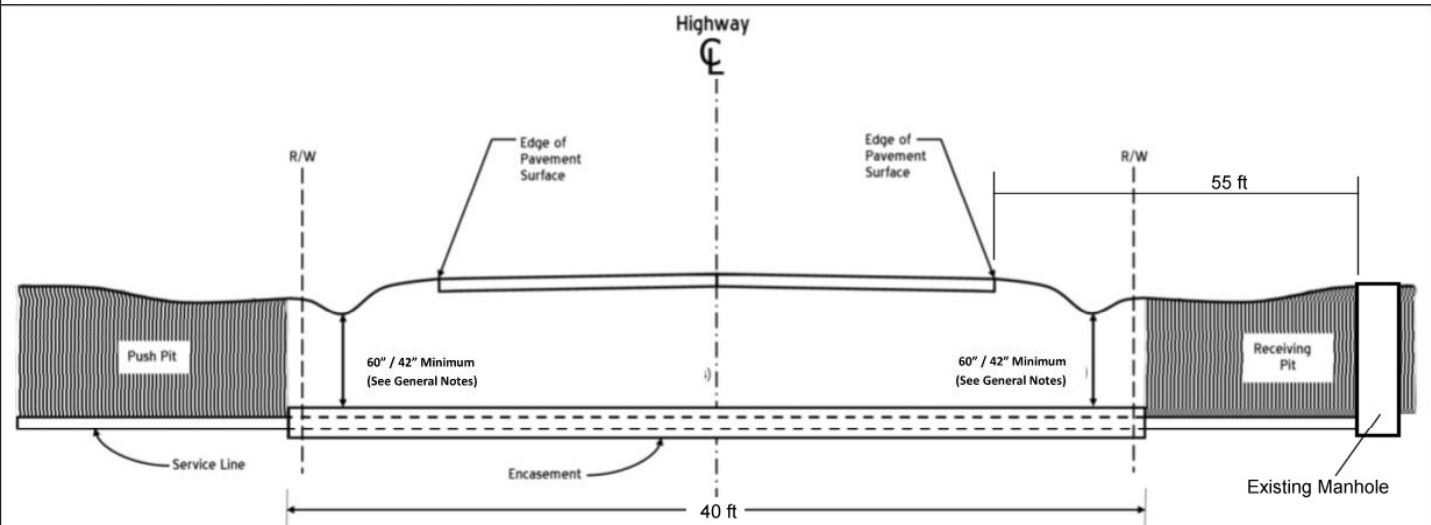
**SECTION 3: ENCASEMENT INFORMATION**

ENCASEMENT TYPE:	Welded Steel	DIAMETER:	10"
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**SECTION 4: BORE INFORMATION**

BORE TYPE:	Bore and Jack	LENGTH (L):	40"	DIAMETER:	10"
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**SECTION 5: DETAIL FOR FULLY CONTROLLED HIGHWAYS**



**SECTION 6: GENERAL NOTES**

- Push Pit and Receiving Pit shall be backfilled and thoroughly compacted.
- All ditch lines are to remain open at all times and restored to original condition.
- Shape, Seed and Straw all disturbed areas immediately after completing the work.
- Provide traffic control as required to ensure the safety of the traveling public in accordance with the current edition of the *Manual on Uniform Traffic Control Devices*.
- The minimum depth for underground electrical lines under roadways, ramps, and ditch lines and natural gas and petroleum fraction lines is **60"**. The minimum depth for underground electrical lines in all other areas and all other underground utilities is **42"**, unless NESC requires additional depth.
- See [KYTC Permits Manual](#) for all requirements and specifications.

**TYPICAL HIGHWAY BORE DETAIL  
- FOR FULLY CONTROLLED HIGHWAYS -**

KYTC KEPT #: \_\_\_\_\_

**SECTION 1: HIGHWAY INFORMATION**

<b>COUNTY:</b> Wayne	<b>ROUTE:</b> 1275	<b>MILE POINT:</b> 4.354	<b>PAVEMENT WIDTH:</b> 24 ft
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**SECTION 2: UTILITY INFORMATION**

<b>UTILITY TYPE:</b> Potable Water	<b>PIPE TYPE:</b> PVC	<b>DIAMETER:</b> 12"
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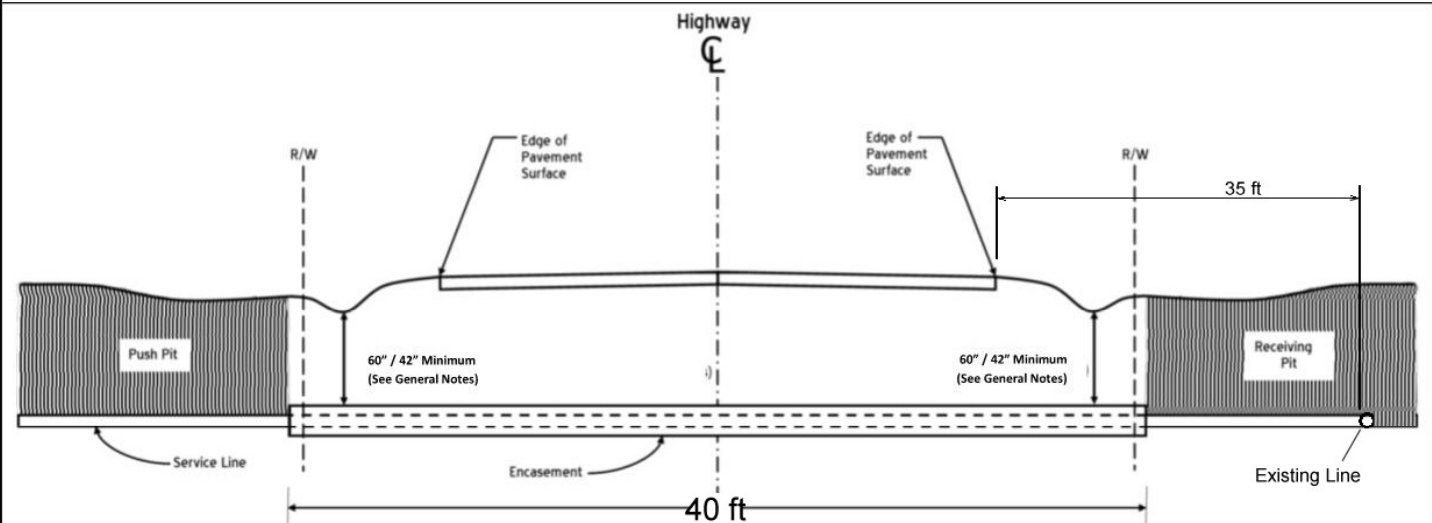
**SECTION 3: ENCASEMENT INFORMATION**

<b>ENCASEMENT TYPE:</b> Welded Steel	<b>DIAMETER:</b> 17.5"
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**SECTION 4: BORE INFORMATION**

<b>BORE TYPE:</b> Bore and Jack	<b>LENGTH (L):</b> 40"	<b>DIAMETER:</b> 18"
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**SECTION 5: DETAIL FOR FULLY CONTROLLED HIGHWAYS**



**SECTION 6: GENERAL NOTES**

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- Shape, Seed and Straw all disturbed areas immediately after completing the work.
- Provide traffic control as required to ensure the safety of the traveling public in accordance with the current edition of the *Manual on Uniform Traffic Control Devices*.
- The minimum depth for underground electrical lines under roadways, ramps, and ditch lines and natural gas and petroleum fraction lines is **60"**. The minimum depth for underground electrical lines in all other areas and all other underground utilities is **42"**, unless NESC requires additional depth.
- See [KYTC Permits Manual](#) for all requirements and specifications.