ADDENDUM No. 1
ITB No. 4438

SOUTHSIDE INTERCEPTOR SEWER LINING PROJECT – Phase III

Due: Tuesday, May 17, 2016, On/Before 10:00 A.M.

The following changes, additions, and/or deletions shall be made to the Invitation to Bid for ITB No. 4438 - Southside Interceptor Sewer Lining Project – Phase III, on which proposals will be received on/or before Tuesday, May 17, 2016, by 10:00 A.M.

The information contained herein shall take precedence over the original documents and all previous addenda (if any), and is appended thereto. This Addendum includes 16 pages.

Bidder is to acknowledge receipt of this Addendum No. 1, including all attachments (if any) in its Bid by so indicating on page ITB-1 of the Invitation to Bid Form. Bids submitted without acknowledgement of receipt of this addendum will be considered nonconforming.

The following forms provided within this ITB Document must be included in submitted bids.

- City of Ann Arbor Prevailing Wage Declaration of Compliance
- City of Ann Arbor Living Wage Ordinance Declaration of Compliance
- Vendor Conflict of Interest Disclosure Form
- City of Ann Arbor Non-Discrimination Ordinance Declaration of Compliance

Bids that fail to provide these completed forms listed above upon bid opening will be rejected as non-responsive and will not be considered for award.

I.  CORRECTIONS/ADDITIONS/DELETIONS

Changes to the Bid documents which are outlined below are referenced to a page or Section in which they appear conspicuously. The Bidder is to take note in its review of the documents and include these changes as they may affect work or details in other areas not specifically referenced here.

<table>
<thead>
<tr>
<th>Section/Page(s)</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF- 1 &amp; BF - 2</td>
<td>These pages were inadvertently omitted from the bid document.</td>
</tr>
<tr>
<td>Appendix A</td>
<td>The MDOT Individual Construction Permit was inadvertently omitted from the bid document.</td>
</tr>
</tbody>
</table>

Respondents are directed to take note in its review of the documents of the following questions and City responses as they affect work or details in other areas not specifically referenced here.

Bidders are responsible for any conclusions that they may draw from the information contained in the Addendum.
**BID FORM**

Section 1–Schedule of Prices

Project: Southside Interceptor Sewer Lining Project - Phase III
File #: 2015-031   Bid #: 4438

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Unit</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Total Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>130</td>
<td>Protective Fencing</td>
<td>LF</td>
<td>800</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>140</td>
<td>Exploratory Excavation (0-10’ deep), Trench Detail I, Modified</td>
<td>Each</td>
<td>6</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>141</td>
<td>Exploratory Excavation (0-10’ deep), Trench Detail VI</td>
<td>Each</td>
<td>6</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>201</td>
<td>General Conditions, Max. $ 85,000</td>
<td>LS</td>
<td>1</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>202</td>
<td>Digital Audio Visual Coverage</td>
<td>LS</td>
<td>1</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>203</td>
<td>Minor Traffic Devices, Max. $10,000</td>
<td>LS</td>
<td>1</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>204</td>
<td>Clean-Up &amp; Restoration, Special</td>
<td>LS</td>
<td>1</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>205</td>
<td>&quot;No Parking&quot; Signs</td>
<td>Each</td>
<td>10</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>211</td>
<td>Remove and Replace 4 inch or 6 inch Sanitary Sewer Lead</td>
<td>LF</td>
<td>50</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>215</td>
<td>Sewer Cleaning and Video Inspection, 36 inch</td>
<td>LF</td>
<td>4,933</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>216</td>
<td>Sewer Cleaning and Video Inspection, 42 inch</td>
<td>LF</td>
<td>4,944</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>217</td>
<td>Manhole Cleaning and Video Inspection</td>
<td>Each</td>
<td>29</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>220</td>
<td>Sewer Preliner, 36 inch</td>
<td>LF</td>
<td>1,230</td>
<td>$</td>
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<td>221</td>
<td>Sewer Preliner, 42 inch</td>
<td>LF</td>
<td>1,240</td>
<td>$</td>
<td></td>
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<tr>
<td>222</td>
<td>Sewer Lining, CIPP, 36 inch</td>
<td>LF</td>
<td>4,933</td>
<td>$</td>
<td></td>
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<tr>
<td>223</td>
<td>Sewer Lining, CIPP, 42 inch</td>
<td>LF</td>
<td>4,944</td>
<td>$</td>
<td></td>
</tr>
</tbody>
</table>

TOTAL THIS PAGE
(Also to be entered on page BF-3)

$ ______________________

BF-1
## BID FORM

**Section 1–Schedule of Prices**

Project: Southside Interceptor Sewer Lining Project - Phase III  
File #: 2015-031  
Bid #: 4438

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Unit</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Total Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>225</td>
<td>Manhole Rehabilitation</td>
<td>VF</td>
<td>275</td>
<td>$</td>
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<tr>
<td>226</td>
<td>Manhole Lining</td>
<td>Each</td>
<td>29</td>
<td>$</td>
<td></td>
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<tr>
<td>244</td>
<td>Structure Covers, Modified</td>
<td>LBS</td>
<td>11,600</td>
<td>$</td>
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</tr>
<tr>
<td>271</td>
<td>Portable, Changeable Message Sign, Furnish &amp; Operate</td>
<td>Each</td>
<td>2</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>272</td>
<td>Plastic Drum - Lighted, Furnish &amp; Operate</td>
<td>Each</td>
<td>25</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>274</td>
<td>Temporary Type B Signs</td>
<td>SF</td>
<td>357</td>
<td>$</td>
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</tr>
<tr>
<td>276</td>
<td>Lighted, High Intensity, Channelizing Device, 42 inch Furnish &amp; Operate</td>
<td>Each</td>
<td>30</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>326</td>
<td>36 inch Class IV RCP Trench Detail VI</td>
<td>LF</td>
<td>100.0</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>327</td>
<td>42 inch Class IV RCP Trench Detail VI</td>
<td>LF</td>
<td>100.0</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>362</td>
<td>Type I Manhole 0-10 feet Deep 6 foot dia</td>
<td>Each</td>
<td>5.0</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>363</td>
<td>Type I Manhole Additional Depth, 6 foot dia</td>
<td>VF</td>
<td>6</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>386</td>
<td>Sewer Structure Abandonment</td>
<td>Each</td>
<td>2</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>564</td>
<td>Reconstruct Manhole</td>
<td>Each</td>
<td>4.0</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>566</td>
<td>Adjust Structure Cover</td>
<td>Each</td>
<td>10.0</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>703</td>
<td>Inlet Filter</td>
<td>Each</td>
<td>6.0</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>800</td>
<td>Silt Fence</td>
<td>LF</td>
<td>3,300</td>
<td>$</td>
<td></td>
</tr>
</tbody>
</table>

TOTAL THIS PAGE

TOTAL FROM PAGE BF-1:

TOTAL BASE BID:
INDIVIDUAL CONSTRUCTION PERMIT
For Operations within State Highway Right-of-Way

Issued To: CITY OF ANN ARBOR

301 E Huron Street, P.O. Box 8647
Ann Arbor MI 48107-8647

Contact: Anne Warrow
734-794-6410(O) 734-332-6155(Cell)
awarrow@a2gov.org

Permit Number: 81074-038568-16-041416
Permit Type: Individual Application
Permit Fee:
Effective Date: Apr 14, 2016 to Apr 14, 2017
Bond Numbers:
Liability Insurance Expiration Date:

This permit is valid only for the following proposed operations:

Purpose:
The City of Ann Arbor is lining the Southside Interceptor Sanitary Sewer from Huron River Drive, through Thorn Oaks Dr, and along the Railroad to the Treatment Plant. We have access at the POB and POE, but we need another mid-run access, which will put us at the structures under US23 near the railroad. (See structures 71-61480 and 71-61645 on attached location sheet) We are submitting this permit application to access this location from US23, with equipment behind the guardrail. We have not awarded the contract yet. We anticipate the work to occur in August of 2016. The work should take approximately 3 days.

State Route: US-23 City of: Ann Arbor County: Washtenaw County

Town Range Section
T 3 S R 6 E 36

Nearest Intersection: Side of Road: Distance to Nearest Intersection: Direction to Nearest Intersection:
Exit 39 - Geddes Road S 2,200.00 South

Control Section: Mile Point from: Mile Point to: Location:
81074 13.410 13.410 Left Median Right Transverse

Requisition Number: Work Order Number: MDOT Job Number: Org Job Number:
This permit is incomplete without “General Conditions and Supplemental Specifications"

I certify that I accept the following:

1. I am the legal owner of this property or facility, the owner’s authorized representative, or have statutory authority to work within state highway Right-of-Way.
2. Commencement of work set forth in the permit application constitutes acceptance of the permit as issued.
3. Failure to object, within ten (10) days to the permit as issued constitutes acceptance of the permit as issued.
4. If this permit is accepted by either of the above methods, I will comply with the provisions of the permit.
5. I agree that Advance Notice for Permitted Activities for shall be submitted 5 days prior to the commencement of the proposed work.
   I agree that Advance Notice for Permitted Utility Tree Trimming and Tree Removal Activities shall be submitted 15 days prior to the commencement of the proposed work for an annual permit.

**CAUTION**
Work shall NOT begin until the Advance Notice has been approved.
Failure to submit the advance notice may result in a Stop Work Order.

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CITY OF ANN ARBOR  
Pascal Bui  
MDOT  
April 14, 2016  
Approved Date

THE STANDARD ATTACHMENTS, ATTACHMENTS AND SPECIAL CONDITIONS MARKED BELOW ARE A PART OF THIS PERMIT.

STANDARD ATTACHMENTS:
1. Special Conditions For Underground Construction (2205C)
2. General Conditions for Permit (General Conditions)

ADDITIONAL ATTACHMENTS:
1. SOUTHSIDE INTERCEPTOR MDOT.pdf
2. 2015031COV MDOT LOCATION.pdf

AMENDMENT ATTACHMENTS:

SPECIAL CONDITIONS:
1. All disturbed areas within the right of way shall be top-soiled, seeded and mulched to match existing areas per current MDOT standards and specifications.
SPECIAL CONDITIONS FOR UNDERGROUND CONSTRUCTION

The following special permit specifications shall apply when the permittee is excavating or performing any underground activity within trunkline right of way and discovers existing contaminated soil and/or an abandoned underground storage tank:

1. In the event the permittee encounters environmental contamination and/or an underground storage tank in the right of way, the Michigan Department of Transportation (MDOT) shall be immediately notified. All Michigan Department of Natural Resources and Environment (MDNRE) and Federal Environmental Protection Agency (EPA) environmental requirements shall be complied with by the permittee. Unless the Department agrees in writing the following steps are to be taken:

   a. The contaminated material that has been removed shall be temporarily stockpiled per MDNRE requirements. If stockpiled on the right of way, the site shall not interfere with MDOT operations or create a traffic safety problem. Also, the contaminated material shall be placed on plastic sheeting or tarp having a minimum thickness of 6 mils or in trucks, roll off boxes, or other containers, such that no liquid may escape from the containment. At the end of each work day, the contaminated material shall be covered securely with plastic sheeting of 6 mil thickness or greater.

   b. Upon completion of any testing deemed necessary by the Department or the MDNRE, the material shall be disposed of in an approved waste disposal site unless otherwise directed by the MDNRE.

   c. In no case shall the contaminated material be stockpiled for longer than 45 days prior to disposal.

2. The permittee shall cooperate with MDOT personnel and pertinent regulatory agencies in resolving the contamination problem as required by law.

   a. The manner in which the permittee manages and secures the site shall not interfere with the MDOT's interests.

   b. The permittee shall not excavate as part of any site management operation within the one-on-one slope from the edge of shoulder without the permission of MDOT.

3. MDOT shall not indemnify or compensate the permittee for any costs or damages of any kind that the permittee incurs as the result of contamination encountered within the right of way. It is understood that the possibility of encountering contamination and the damages which might be incurred by the permittee because of the contamination are business risks the permittee assumes in choosing to locate and maintain facilities within the Right-of-Way.

   The permittee is responsible for any costs that it incurs to secure the contaminated site in such a manner as to meet the requirements of the MDNRE and/or EPA and the requirements of MDOT.

4. The permittee, upon approval of MDOT, may continue to place its facility through the contaminated area providing remedial actions that meet the approval of MDOT and other enforcement agencies involved are followed.

   a. All additional costs the permittee incurs, as a result of continuing to place its facilities within the contaminated area, are the responsibility of the permittee.

   b. All contaminated material must be removed and properly disposed of as directed by MDOT and/or the MDNRE. All backfill material must be clean material, unless otherwise directed by the MDNRE. Excavation must be backfilled in a manner to prevent the creation of a pathway for migration of contamination off site.

5. The permittee is solely responsible to develop an alternate route for its facility in the event approval cannot be given to continue to place the facility within the contaminated area of the Right-of-Way. The permittee shall restore the original site as directed by MDOT.
GENERAL CONDITIONS

This permit is issued subject to the following conditions:

1. This permit grants to the permittee only those rights specifically stated and no other. Maintenance work within the trunkline right of way may require a separate permit unless authorized within the scope of the annual permit.

2. Issuance of this permit does not relieve permittee from meeting any and all requirements of law, or of other public bodies or agencies. The permittee shall be responsible for securing including but not limited to any other permissions including or required by law including but not limited to cities, villages, towns, corporations, or individuals for the activities hereby permitted.

3. The permittee agrees as a condition of this permit to:
   a. Have in the permittee's or the permittee's representative's possession on the job site at all times the approved permit, advanced notice and any necessary plans or sketches.
   b. Submit Advance Notice through the online Construction Permit System (CPS) at least five (5) working days prior to commencement of any operations covered by this permit. No work shall start until an approved Advance Notice is e-mailed to the permittee.
   c. Perform no work except emergency work, unless authorized by the Department, on Saturdays, Sundays, or from 3:00 p.m. on the day proceeding until the normal starting time the following day after the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
   d. Provide and maintain all necessary precautions to prevent injury or damage to persons and property from operations covered by this permit.
   e. Furnish, install and maintain all necessary traffic controls and protection during permittee's operations in accordance with the Michigan Manual of Uniform Traffic Control Devices and any supplemental specifications set forth herein.
   f. Notify the Department of completion of work authorized by this permit through CPS, so that final inspection may be made and surety deposit released (where applicable). Surety deposit will not be released until the work authorized by the permit has been completed and inspected, and all inspection charges billable to the permittee are paid.

4. Nothing in this permit shall be construed to grant any rights what so ever to any public utilities, except as to the consent herein specifically given, nor to impair any existing rights granted in accordance with the constitution or laws of this state.

5. Any operations in the trunkline right of way not covered by permit and the appropriate Department specifications are in violation of the jurisdictional authority of the Department, with respect to the control of the trunkline right of way, unless approved by the Department. Any change or alteration in the permit activities requires prior approval of the Department and may require a new permit.

6. Performance of the requirements of this permit is the responsibility of the permittee. The permittee shall complete all operations for which this permit is issued in accordance with the conditions of this permit, by the specified completion date. The permittee shall meet all requirements of the current Department Standard Specifications for Construction, and the Supplemental Specifications set forth on/or incorporated as a part of this permit.

7. The construction, operation and maintenance of the facility covered by this permit shall be performed without cost to the Department unless specified herein. The permittee shall be responsible for the cost of restoration of the state trunkline and right of way determined by the Department to be damaged as a result of the activities of the permittee.

8. Facilities allowed on state trunkline right of way shall be placed and maintained in a manner which will not impair the state trunkline or interfere with the reasonable safe and free flow of traffic. Failure of the permittee to maintain the facilities located within the State trunkline right of way so as not to interfere with the operation, maintenance or use of the state trunkline by the traveling public may result in revocation of the permit.

9. The permittee is solely and fully responsible for all activities undertaken pursuant to the permit. Any and all actions by the Department and those governmental bodies performing permit activities for the Department pursuant to a maintenance contract, including but not limited to any approved reviews and inspections of any nature, permit issuing, and final acceptance or rejection of the work or activity authorized by the permit shall not be construed as a warranty or assumption of liability on the part of the Department or those governmental bodies. It is expressly understood and agreed that any such actions are for the sole and exclusive purposes of the Department and the governmental bodies acting in a governmental capacity. Any such actions by the Department and governmental bodies will not relieve the permittee of its obligations hereunder, nor are such actions by the Department and the governmental bodies to be construed as a warranty as to the propriety of the permittee's performance. The permittee shall indemnify and save harmless the State of Michigan, Michigan Transportation Commission, the Department and all officers, agents and employees thereof, and those governmental bodies performing permit activities for the Department and all officers, agents and employees thereof, pursuant to a maintenance contract, against any and all claims for damages arising from operations covered by this permit except claims resulting from the sole negligence or willful acts or omissions of said indemnities, its agent, or employees. In addition, permittee upon request shall furnish proof of insurance coverage for the term of this permit in an amount pre-specified.

10. This permit is not assignable and not transferable unless specifically agreed to by the Department.

11. The permittee, upon request of the Department, shall immediately remove, cease operations, and surrender this permit, or alter or relocate, at the permittee's own expense, the facility for which this permit is granted. Upon failure to do so, the Department may take any necessary action to protect the trunkline interest and the permittee shall reimburse the Department for its cost in doing same. The permittee expressly waives any right to claim damages or compensation in the event this permit is revoked.

12. The permittee shall, upon request by the Department, furnish a performance surety deposit in the form of a bond, cash, certified check, or (when authorized by the Department) an irrevocable letter of credit in such amount as deemed necessary by the Department to guarantee restoration of the trunkline highway or performance under the conditions of the permit.
13. The permittee hereby acknowledges and agrees that the Department has the right to demand completion by the permittee, or the performance surety, or to complete any uncompleted activity authorized by this permit which adversely affects the operation and/or maintenance of the state trunkline highway, or which is not completed by the expiration date of the permit, including:

a. Completion of construction of driveway and/or approach (not authorized by annual permit).

b. Restoration of the trunkline facilities and right of way as necessary for the reasonably safe and efficient operations of the trunkline highway.

The permittee further agrees to immediately reimburse the Department in full for all such costs incurred by the Department upon receipt of billing, and that upon failure to pay, the Department may effect payment with the performance surety deposit. Should the surety deposit be insufficient to cover expenses incurred by the Department, the permittee shall pay such deficiency upon billing by the Department. If the surety deposit exceeds the expense incurred by the Department, any excess will be returned or released to the depositor upon completion of the work to the satisfaction of the Department.

14. The Department reserves the right during the time any or all of the work is being performed to assign an inspector to protect the trunkline interest, and to charge the permittee all such costs incurred. In addition, the permittee may be billed any engineering and review fees incurred by the Department or its agent in connection with the work covered by this permit.

15. Emergency Operations: In time of disaster or emergency, or when utility lines or facilities are so damaged as to constitute a danger to life and/or property of the public, access to the same may be had by the most expeditious route. Work is to be completed in a manner which will provide the traveling public with maximum possible safety and minimize traffic distribution. Notice of such situations shall be given to the nearest police authority and the Department as soon as can reasonably be done under the circumstances. During normal Department work hours, the facility owner shall advise the Department of any operations within right of way which affect traffic operations or the highway structure or facilities prior to performance of the work. After normal Department work hours, the permittee, at the beginning of the first working day after the emergency operation, shall advise the Department of any operations which affect traffic operations or the highway structures and facilities. If determined necessary by the Department, the permittee shall secure an individual permit for such work after notification.

16. Upon the Department’s request, as built drawings of work performed will be furnished to the Department within 30 days after completion of the work.

17. The permittee shall give notice to public utilities in accordance with Act 174 of 2013, as amended, and comply with all applicable requirements of this act. The permittee shall also comply with requirements of Act 451, P.A. of 1994, as amended.

18. The permittee acknowledges that the Department is without liability for the presence of the permittee’s facility which is located within the trunkline right of way. Acceptance by the Department of work performed, and/or notice of termination of performance obligations for the surety and/or the permittee do not relieve the permittee of full responsibility for the permittee’s work or for the presence of the permittee’s facility in the trunkline right of way.

19. Where the Department has accepted an Indemnification Commitment in lieu of bond and/or insurance policies, such commitment is incorporated into this permit by reference.

20. It is illegal to discharge substances other than storm water into the Department’s storm sewer system unless permission has been obtained in writing for other discharges.

21. The permittee shall be responsible for obtaining information on permitted environmental site closures within MDOT right of way. MDOT has implemented a program that allows environmental contamination to remain within the right of way by use of a permit. Issued permit information can be obtained from the Region/TSC in which the permit is issued. If the permittee will encounter a site area identified as a site closure permit area, the permittee shall follow instructions and conditions set forth in Supplemental Specifications #3 and specifications found in form 2205-C, “Special Conditions for Underground Construction”.

13. The permittee hereby acknowledges and agrees that the Department has the right to demand completion by the permittee, or the performance surety, or to complete any uncompleted activity authorized by this permit which adversely affects the operation and/or maintenance of the state trunkline highway, or which is not completed by the expiration date of the permit, including:

a. Completion of construction of driveway and/or approach (not authorized by annual permit).

b. Removal of materials.

c. Restoration of the trunkline facilities and right of way as necessary for the reasonably safe and efficient operations of the trunkline highway.

The permittee further agrees to immediately reimburse the Department in full for all such costs incurred by the Department upon receipt of billing, and that upon failure to pay, the Department may effect payment with the performance surety deposit. Should the surety deposit be insufficient to cover expenses incurred by the Department, the permittee shall pay such deficiency upon billing by the Department. If the surety deposit exceeds the expense incurred by the Department, any excess will be returned or released to the depositor upon completion of the work to the satisfaction of the Department.

14. The Department reserves the right during the time any or all of the work is being performed to assign an inspector to protect the trunkline interest, and to charge the permittee all such costs incurred. In addition, the permittee may be billed any engineering and review fees incurred by the Department or its agent in connection with the work covered by this permit.

15. Emergency Operations: In time of disaster or emergency, or when utility lines or facilities are so damaged as to constitute a danger to life and/or property of the public, access to the same may be had by the most expeditious route. Work is to be completed in a manner which will provide the traveling public with maximum possible safety and minimize traffic distribution. Notice of such situations shall be given to the nearest police authority and the Department as soon as can reasonably be done under the circumstances. During normal Department work hours, the facility owner shall advise the Department of any operations within right of way which affect traffic operations or the highway structure or facilities prior to performance of the work. After normal Department work hours, the permittee, at the beginning of the first working day after the emergency operation, shall advise the Department of any operations which affect traffic operations or the highway structures and facilities. If determined necessary by the Department, the permittee shall secure an individual permit for such work after notification.

16. Upon the Department’s request, as built drawings of work performed will be furnished to the Department within 30 days after completion of the work.

17. The permittee shall give notice to public utilities in accordance with Act 174 of 2013, as amended, and comply with all applicable requirements of this act. The permittee shall also comply with requirements of Act 451, P.A. of 1994, as amended.
1. **Construction and Maintenance of Facilities** – To construct and maintain utility crossings of limited access highways, access for the utility’s service vehicles may be from county roads, service roads, and openings authorized in limited access right of way fences. The construction of utilities across limited access highways should be for the purpose of serving a general area rather than providing individual services, unless extenuating circumstances necessitate such crossings.

Equipment, vehicles or personnel will not operate within a distance of 30 feet from the edge of the pavement of roadways or ramps on limited process highways. At locations where utilities have been constructed in medians having a width greater than 80 feet or have otherwise been allowed to remain or to be constructed in limited access right of way, ingress and egress shall be by such routes as specified by the Department, which may also specify additional safety provisions.

2. **Restoration** - Restoration of the trunkline highway and right of way will be such that it will provide a condition equal to or better than the original condition, in accordance with Michigan Department of Transportation Standard Specifications.

3. **Excavation and Disposal of Excavated Material** – The permittee shall provide and place the necessary sheeting, shoring and bracing required to prevent cave-in, loss or settlement of foundation material supporting the pavement, or any other highway installation such as sewers, culverts, etc. The permittee shall assume the full responsibility for this protection and shall not proceed in these areas before approval of the methods by the Department.

Construction equipment and excavating material shall not be stacked in such locations that it creates a traffic hazard or interferes with the flow of traffic; and on limited access highways, shall be a minimum of 30 feet from the traveled way. Sod and topsoil shall be stacked separately from other excavated material. The permittee shall dispose of all surplus and unsuitable material outside of the limits of the highway, unless the permit provides for disposal at approved locations within right of way. In the latter case, the material shall be leveled and trimmed in an approved manner.

When the permittee is excavating within trunkline right of way and discovers existing contaminated soil and/or an abandoned underground storage tank, special permit specifications entitled “Special Conditions for Underground Construction” (Form 2205-C) shall apply.

4. **Utility Cuts, Trenches and Pavement Replacement** – Utility crossing by pavement cutting and removal are generally prohibited. If extenuating circumstances make tunneling, boring and jacking impractical pavement cutting may be used with approval of the Department. All utility cuts, trenching and pavement replacement shall comply with the requirements of the Standard Specifications and the Standard Plan “Utility Cuts, Trenches and Pavement Replacement”. Unless otherwise specified, cuts in concrete residential and commercial drives shall be as above; except that the patch width shall be a minimum of 3 feet and the remaining slab from patch to existing joint shall be a minimum of 3 feet. Backfill shall be made with sand-gravel as specified in the Standard Specifications, unless otherwise directed. After the backfill has been placed and compacted by controlled density method, the pavement shall be replaced with new pavement of the original type and quality, unless at the season of the year when it is not feasible to replace pavement in kind. In this case, a temporary surface of bituminous material shall be placed with Department approval and later replaced with pavement of the original type at the applicant’s expense. Other pavement types may be allowed with prior approval of the Department.

5. **Crossing Roadbed by Tunneling or Boring and Jacking** – All crossing of roadbed operations involving tunneling, boring and jacking shall comply with the Department’s special provisions for such work.

6. **Backfilling and Compacting Backfill** – Unless otherwise specified, all trenches, holes and pits shall be filled with sound earth or with sand-gravel if so provided, placed in successive layers not more than 9 inches in depth, loose measure, and each layer shall be thoroughly compacted by tamping. All backfill compaction will be subject to check by the controlled density method.

7. **Depth of Cover Method** - Unless otherwise authorized, pipes shall be placed to a depth that will provide not less than 4 feet of cover between the top of the roadway surface and the pipe, 3 feet cover below the ditch line and the pipe.

8. **Trees**:
   a. The permittee is responsible for obtaining permission from abutting owners when trimming or removing trees on easement right of way.
   b. Tree removal or trimming may be undertaken only after submission of an “Advance Notice” through CPS, a field review by the Region Resource Specialist and an approved copy of the advance notice is e-mailed to the permittee.
   c. Limbs, logs, stumps and litter shall be disposed of in a manner acceptable to the Department.
   d. Tree roots shall be bored a distance of one foot for each one inch of trunk diameter for underground utility installations.

9. **Aerial Wire Crossings** – Vertical clearance of wires, conductors and cables over state trunkline shall not be less than required by Section 232 of the National Electrical Safety Code, except in no case shall the under-clearance below any wire, conductor, or cable, under any temperature or loading condition, be less than eighteen feet (18’).
Know what's below.
Call before you dig.

GENERAL

EXISTING LEGEND

PROPOSED LEGEND

PLAN:

2013031

SOUTHSIDE INTERCEPTOR SEWER LINING PH III

PROJECT MANAGEMENT - PUBLIC SERVICES - CITY OF ANN ARBOR

CITY OF ANN ARBOR
PUBLIC SERVICE
301 EAST HURON STREET
P.O. BOX 8647
ANN ARBOR, MI 48107-8647
734-794-6410
www.a2gov.org

2 OF 14

2013031-2

SOUTH SIDE INTERCEPTOR SEWER LINING PH III

GENERAL

LS GE NO
CONSTRUCTION NOTES:

1. The Contractor is responsible for obtaining all permits required by the City of Ann Arbor prior to the beginning of construction.
2. The Contractor shall notify the public utilities and private utilities of their right-of-way requirements in advance of construction.
3. The Contractor shall keep all excavations, shafts, and cut-off walls in a safe condition.
4. The Contractor shall provide a safe means of access for workers and equipment.
5. The Contractor shall comply with all applicable codes and regulations.
6. The Contractor shall maintain a safe working environment.
7. The Contractor shall comply with all applicable environmental regulations.
8. The Contractor shall provide all necessary labor, materials, and equipment.
9. The Contractor shall complete the project within the time frame specified.
10. The Contractor shall submit all required documentation in a timely manner.
11. The Contractor shall provide all necessary insurance coverage.
12. The Contractor shall comply with all applicable contracts and agreements.
13. The Contractor shall comply with all applicable laws and regulations.

PROJECT MANAGEMENT - PUBLIC SERVICES - CITY OF ANN ARBOR

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2013031
SOUTHSIDE INTERCEPTOR SEWER LINING PH III

CONTACT INFORMATION

PUBLIC UTILITIES
OWNER
CONTACT

PRIVATE UTILITIES
OWNER
CONTACT

PLAN:

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OF 14

SOUTHSIDE INTERCEPTOR SEWER LINING PH III

LOCATION SHEETS

LOCATION 1

NORTH

Feet

0

100

200

US23
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PROJECT MANAGEMENT - PUBLIC SERVICES - CITY OF ANN ARBOR
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20130315

SOUTHSIDE INTERCEPTOR SEWER LINING PH III
LOCATION SHEETS

LOCATION 2

T H O R N O A K S

US23

DEC O

H O G B A C K

US23

US23

HOGBACK

TEMPORARY ACCESS ROAD
TO BE RETURNED TO EXISTING OR BETTER CONDITION

Note: All construction improvements are located on the right-of-way. All construction features are approximate and not to scale as shown. A 2-foot utility relocation is required on the US 23 roadway. Cables are not shown. For further information, please contact the City of Ann Arbor at 734-794-6410.