

CASE NO. 19-135-GA-BNR
PIR 567 – FRONT STREET
CITIES OF AKRON AND CUYAHOGA FALLS, SUMMIT COUNTY, OHIO
TWELVE (12)-INCH HIGH PRESSURE PIPELINE REPLACEMENT

ATTACHMENT B

**LANDOWNERS OF PERMANENT & TEMPORARY
EASEMENTS/TENANTS**

Current Property Owner	Property Address	City	State	Zip	Mailing Address	City	State	Zip
City of Akron, City Water Works	Front St.	Akron	OH	44308	166 S. High St #508	Akron	OH	44308
Summit County Board of Commissioners Metro Parks	1160 Front St.	Akron	OH	44308	975 Treaty Line Rd	Akron	OH	44313

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ATTACHMENT C

MODEL NOTIFICATION LETTER TO PROPERTY OWNERS SENT

March 13, 2018

Dear Property Owner or Tenant:

New Pipeline Project

The East Ohio Gas Company d/b/a Dominion Energy Ohio (DEO) is preparing to replace approximately 2,610 feet of existing 8-inch and 12-inch inch steel pipeline with 2,350 feet of 12-inch coated steel pipeline. The new pipeline will begin in the DEO easement at a point approximately 200 feet east of Woodsvie Drive and proceeds in an easterly direction and terminates on the Summit Metro Parks property approximately 1,400 feet west of Cuyahoga Street. The new pipeline will have crossings at the Cuyahoga Scenic Railroad, Ohio & Erie Canal Towpath Trail, Ohio & Erie Canal and the Cuyahoga River. The pipeline exists on the Summit Metro Parks property under a DEO blanket easement. The new easement, based upon a legal description of the proposed alignment of the HDD has been negotiated with the Summit Metro Parks.

Please be assured that during work on the project described above, all of DEO's Standard Safety and Operating Procedures and all applicable federal, state and local laws, regulations and ordinances will be fully adhered to.

Timeline for Construction of the Project

DEO anticipates that construction of the replacement pipeline will commence about the beginning of June 2018. The construction is expected to last until approximately September 2018.

Restoration Activities

DEO will restore your property to the state that it was in prior to DEO's construction activities. It expects that the restoration activities will be completed by the end of September 2018.

Tenants

If you have tenants occupying this property, please advise them of this pipeline project.

Questions

Should you have any questions concerning this pipeline project, please contact Dominion Energy Ohio's Land Services Department at 1-855-226-6022.

Sincerely,

DOMINION ENERGY OHIO

Land Services Department

**PRECONSTRUCTION LANDOWNER MODEL LETTER
TO BE SENT 7 DAYS PRIOR TO CONSTRUCTION**

EXHIBIT C-2

[DATE]

ADDRESS

Dear Property Owner or Tenant:

New Pipeline Project

As we indicated to you in a prior letter, The East Ohio Gas Company d/b/a Dominion Energy Ohio (DEO) is preparing to replace approximately 2,610 feet of existing 8-inch and 12-inch steel pipeline with 2,350 feet of 12-inch coated steel pipeline. The new pipeline will begin in the DEO easement at a point approximately 200 feet east of Woodsvie Drive and proceeds in an easterly direction and terminates on the Summit Metro Parks property approximately 1,400 feet west of Cuyahoga Street. The new pipeline will have crossings at the Cuyahoga Scenic Railroad, Ohio & Erie Canal Towpath Trail, Ohio & Erie Canal and the Cuyahoga River. The pipeline exists on the Summit Metro Parks property under a DEO blanket easement. The new easement, based upon a legal description of the proposed alignment of the HDD has been negotiated with the Summit Metro Parks.

Please be assured that during work on the project described above, all of DEO's Standard Safety and Operating Procedures and all applicable federal, state and local laws, regulations and ordinances will be fully adhered to.

Timeline for Construction of the Project

DEO anticipates that construction of the replacement pipeline will commence on or about June 2018. The construction is expected to last until approximately September 2018.

Restoration Activities:

DEO will restore your property to the state that it was in prior to DEO's construction activities. Once the work is complete, restoration will begin as soon as weather permits, including sidewalks, driveways and approaches. Typical yard restoration is limited to grading and seeding. DEO expects that the restoration activities will be completed by September 2018.

Tenants

If you have tenants occupying this parcel, please advise them of this pipeline project.

Questions/Complaints:

DEO has a complaint resolution process. Should you have any questions concerning this pipeline project, please contact Dominion Energy Ohio's Land Services Department at 1-855-226-6022 who will see that it is communicated to DEO's Project Manager, Jason S. Harris. Please mention the project reference, located on the bottom of this letter, when you call. If you have a complaint during construction or restoration, your call will be returned in a timely manner. Please be aware that DEO will make every best effort to resolve issues pertaining to the project.

Safety is Dominion Energy Ohio's highest priority. Be assured we will take every possible step to ensure the security of the area, your property, your family and our employees.

Sincerely,

DOMINION ENERGY OHIO
Land Services Department

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ATTACHMENT D

**OHIO HISTORIC PRESERVATION OFFICE
LITERATURE REVIEW**

September 18, 2018

Tara Buzzelli
Environmental Specialist
320 Springside Drive, Suite 320
Akron, Ohio 44333

**Re: The East Ohio Gas Company, Pipeline Infrastructure Replacement Program
Ohio Historic Preservation Office Literature Review
PIR 567 – Cuyahoga River**

Dear Ms. Buzzelli:

On September 11, 2018, EnviroScience, Inc. performed an Ohio Historic Preservation Office (OHPO) Literature Review of cultural resources for the PIR 567 – Cuyahoga River project. The U.S. Army Corps of Engineers (USACE) and the OHPO do not require a formal Section 106 consultation be completed for pipeline replacement projects due to previous ground disturbance unless historical properties will be impacted by the project. In order to determine if historical properties exist within the proposed project area, a search of the OHPO data was completed. The area searched included the PIR 567 pipeline location and a surrounding 1,000-foot buffer. The literature review included a search for records of National Register Listed Properties, National Register Listed Districts, National Register Determinations of Eligibility Properties, Ohio Archaeological Inventory Properties, Ohio Historic Inventory Properties, Ohio Genealogical Society (OGS) Cemeteries, Ohio Historic Tax Credit Projects, and Phase 1, 2, or 3 Survey Areas. Additionally, a review of locally designated historic districts and properties was conducted. The following is a discussion of the results of the literature review. Please refer to the maps in Attachment A for more details regarding this search.

According to the records search, one (1) National Registered Listed Property, one (1) National Register Listed District, and one (1) Phase 1 Survey Area were identified within the PIR 567 – Cuyahoga River project area and 1,000 foot buffer. No National Register Listed Districts, National Register Determinations of Eligibility Properties, Ohio Archaeological Inventory Properties, OGS Cemeteries, Ohio Historic Inventory Properties, Ohio Historic Tax Credit Projects, or Phase 2 or 3 Survey Areas were identified within the project area or 1,000 foot buffer area. Additionally, the project is located not located within a designated historic area. All records are listed in Attachment A.



5070 Stow Road
Stow, OH 44224

Of the above listed features, only the National Registered Listed Property, the Chuckery Race located near the intersection of Front Street and Hillcrest Drive, would be considered within the Area of Potential Effects (APE) by OHPO. Details of all historic and cultural features near or within the project are listed in Attachment A. The locations of the historic features within the APE are on Figure 1, Figure 2, and listed in the table in Appendix A. Representative photographs are located in Appendix B.

Impacts for the project area will be temporary and no permanent structures area planned. No historic features will be impacted by the project construction. No above ground structures are planned for this project. Therefore, the PIR 567 – Cuyahoga River project will not likely have an adverse effect on prehistoric or historic cultural resources based on [36 CFR § 800.5(b)]. Additionally, this project has no federal ties and does not require coordination based on the NHPA. No further consultation with OHPO is required for this project based on the current site plans.

Please feel free to contact me with any questions or concerns; I can be reached at (330) 688-0111 or via email at EKennedy@EnviroScienceInc.com.

Respectfully,

A handwritten signature in black ink, appearing to read "Emmalisa Kennedy", with a stylized flourish at the end.

Emmalisa Kennedy
Wetland Ecologist

Attachment A
OHPO Records

Path: P:\10_Projects\OH\OH\OH\PIR_567_CuyahogaRiver\GISMap1_OHPO.mxd Date: 9/1/2018

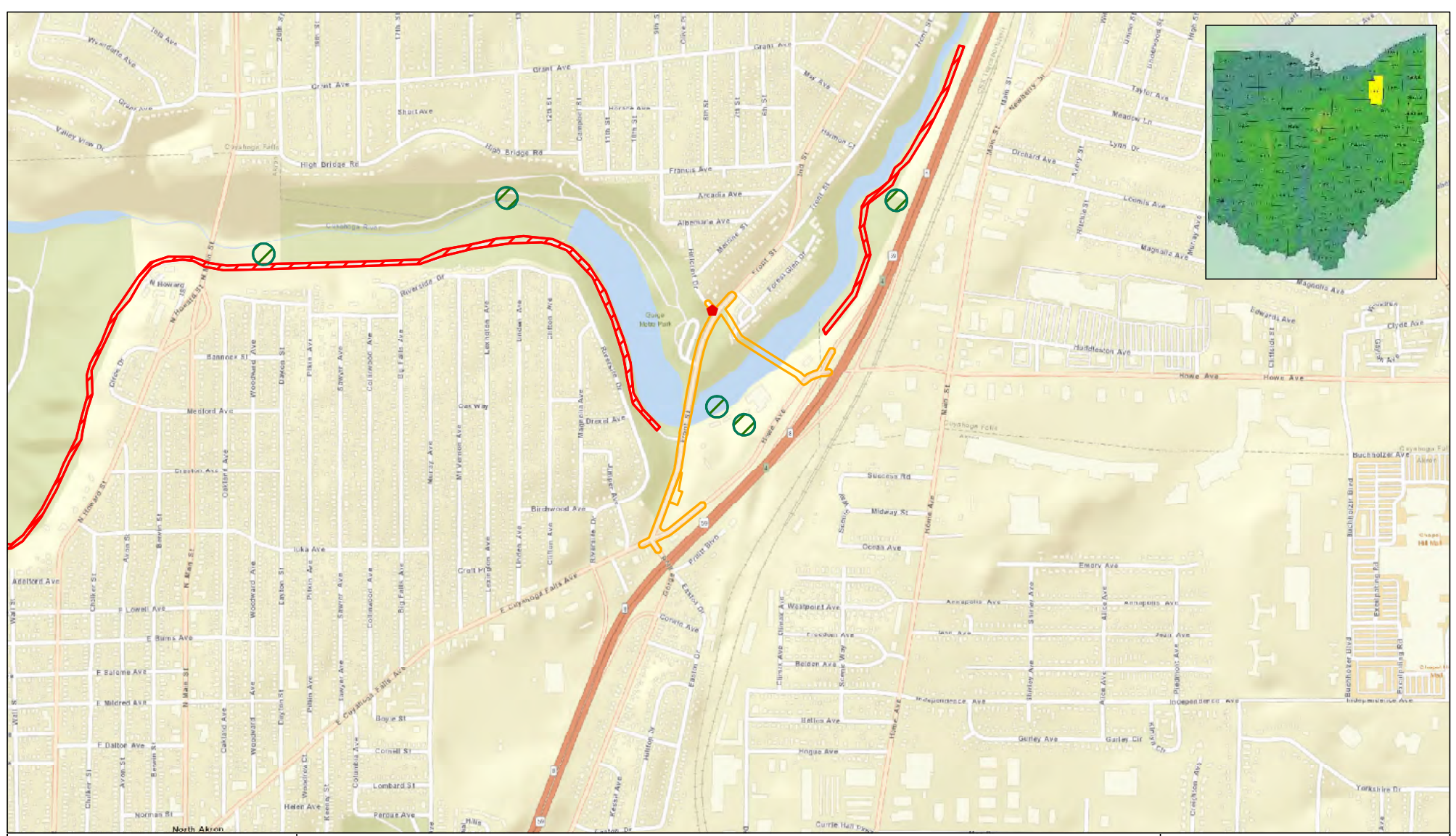


Figure 1.
OHPO Overview Map.
PIR 567 - Cuyahoga River.

- NR Listings
- Phase 1
- NR Boundaries
- Project Area



Date: 9/1/2018 Path: P:\10_Projects\OHPO\OHPO\PIR_567_CuyahogaRiver\GISMap2_OHPO.mxd

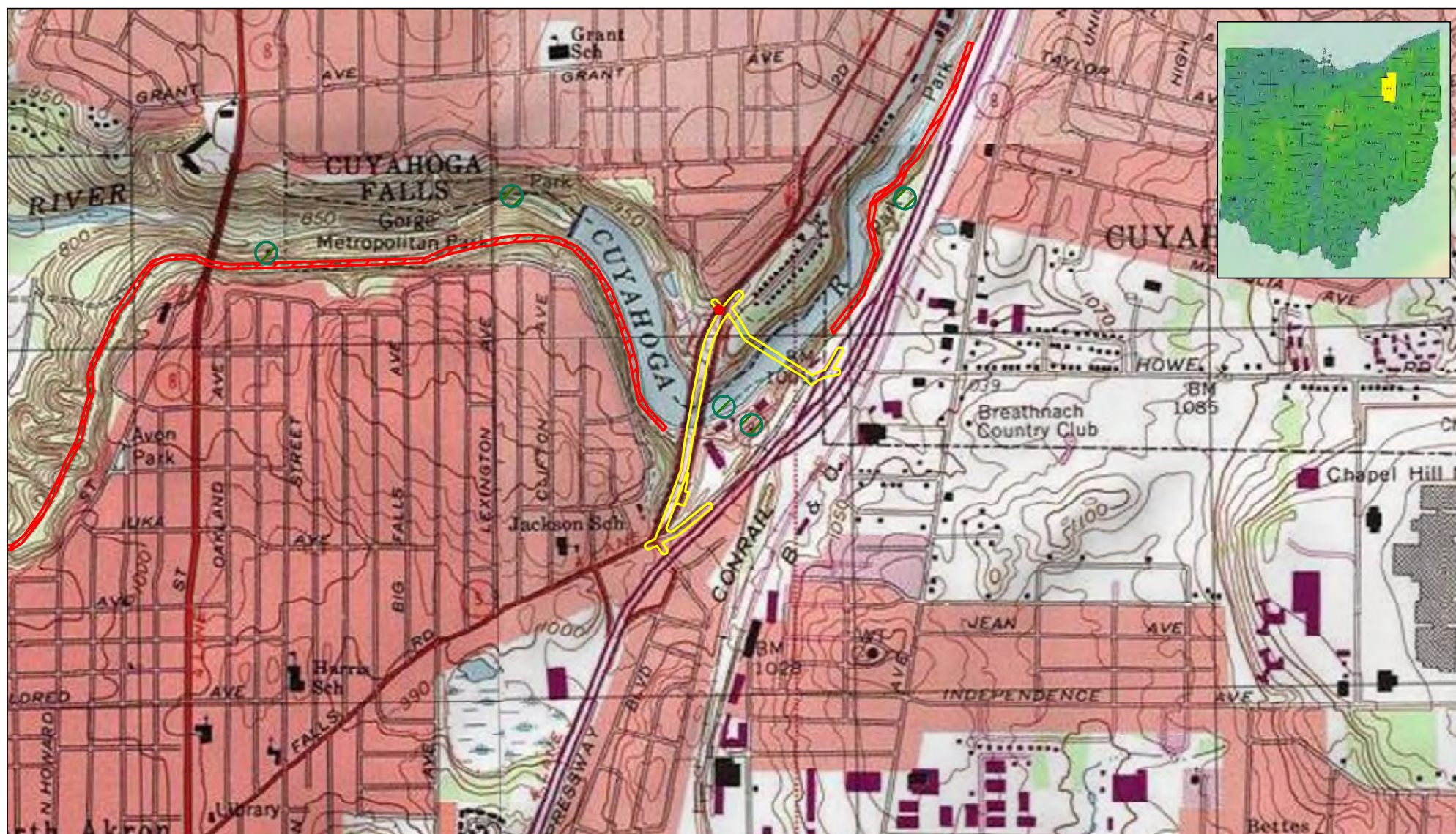
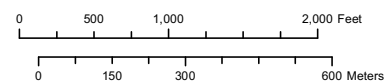


Figure 2.
OHPO Topographic Map.
PIR 567 - Cuyahoga River.

- NR Listings
- NR Boundaries
- Phase1
- Project Area



Attachment B

Representative Photographs of Historic Features



Photo 1. The Chuckery Race sandstone wall (background to the right; APE Number 1) near the project area.

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ATTACHMENT E

CITY OF CUYAHOGA FALLS COORDINATION

Dominion Energy Services, Inc.
320 Springside Drive, Suite 320
Akron, Ohio 44333
DominionEnergy.com



November 13, 2018

BY FED-EX

Russ Kring
Storm Water Administrator
2560 Bailey Road
Cuyahoga Falls, Ohio 44221

RE: The East Ohio Gas Company, Pipeline Infrastructure Replacement Program
Cuyahoga Falls Stormwater Management Project Review Request
PIR 567 – Cuyahoga River

Dear Mr. Kring:

Please review the following information regarding the East Ohio Gas Company, d/b/a Dominion Energy Ohio (DEO) Pipeline Infrastructure Replacement (PIR) project, PIR 567 – Cuyahoga River. DEO is proposing to replace natural gas pipeline under the PIR Program. The purpose of the program is to replace existing bare steel pipe to ensure the safety and reliability of pipeline operations.

The PIR 567 project is located in the City of Cuyahoga Falls and the City of Akron within the road right-of-way (ROW) of Front Street and Hillcrest Drive and an off-road existing easement. One (1) copy of the project-specific Ohio Small Site Stormwater Pollution Prevention Plan is enclosed for your review. Please forward your response at your earliest possible convenience to the attention of:

Tara Buzzelli, Environmental Specialist
320 Springside Drive, Suite 320
Akron, Ohio 44333
tara.e.buzzelli@dominionenergy.com

If you have any questions or need additional information, please contact Tara Buzzelli at (330) 664-2579.

Sincerely,

A handwritten signature in blue ink, appearing to read "R. Gangle", is written over a horizontal line.

Richard B. Gangle
Director, Environmental Services

Enclosure / cc: Tara Buzzelli



OHIO SMALL SITE STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

**Bare Steel Pipeline Replacement Project
PIR 567 – Cuyahoga River
City of Akron and City of Cuyahoga Falls,
Summit County, Ohio**

Planned Construction Start Date: February 2, 2019

Planned Construction Completion Date: December 31, 2019

NOTE:

**THIS PLAN MUST BE KEPT
AT THE CONSTRUCTION SITE
DURING WORKING HOURS**

SWPPP Prepared: September 20, 2018

**Prepared by: The East Ohio Gas Company, d/b/a Dominion Energy Ohio (DEO)
and EnviroScience Inc.**

STORM WATER POLLUTION PREVENTION PLAN

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A-3	SOILS MAP
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DETAIL B-2	DANDY BAG DETAIL
DETAIL B-3	ROCK CHECK DAM DETAIL
DETAIL B-4	FILTER SOCK DETAIL
DETAIL B-5	HORIZONTAL DIRECTIONAL DRILL (BORE) OF SURFACE WATER

APPENDIX C CONCRETE WASHOUT DETAIL

ABBREVIATED STORMWATER POLLUTION PREVENTION PLAN

Introduction

The purpose of this SWPPP is to present procedures that will be followed during installation of this pipeline to minimize adverse environmental impacts from storm water runoff and sediment pollution.

Project Description

PIR 567 – Cuyahoga River - This project involves installing approximately 2,315 feet of natural gas pipeline (twelve [12]-inch diameter) and abandoning (no associated replacement) of approximately 977 feet of existing eight [8]-inch diameter natural gas pipeline. The pipeline installation project area is located along the road right-of-way (ROW) of Front Street and Howe Avenue and a proposed Dominion Energy Ohio (DEO) easement along the east side of Front Street. Along Front Street, the Cuyahoga River crosses the project area and will be horizontally directional drilled (HDD) outside of its floodplain. The pipeline crossing beneath the Cuyahoga River southeast of the intersection of Front Street with Hillcrest Drive will be abandoned. Additionally, at intersections of streets with no proposed mainline replacement, small portions of pipeline may be installed to “tie in” the new pipeline to existing pipelines. Service lines to individual structures, which extend beyond the public road right-of-way, may also be replaced as part of this project. The need for any laydown and/or material storage areas will be determined by the selected construction contractor. A total of approximately 0.6 of an acre of ground disturbance is anticipated. The pipeline segment is shown on the Aerial Photograph of Project Area in **Appendix A-1**, and the United States Geological Survey (USGS) 7½-Minute Series Topographic Map, Akron East Quadrangle, excerpt included in **Appendix A-2**. No wetlands are located within the project area. One (1) wetland is located off-site north of the intersection of Front Street and Howe Avenue.

New Impervious Areas and Runoff Coefficients

New impervious surfaces will not be created as a part of the natural gas pipeline installation. The areas that will be excavated consist of residential lawn, sidewalk, or hard-surface roadways and driveways. All areas disturbed by the project will be restored to their preconstruction material, condition, and contours. Accordingly, post-construction runoff will remain essentially the same as pre-construction runoff.

Soils

The soils in the project area are depicted by name on maps in **Appendix A-3**. Soils disturbed during trench excavation and HDD bore pit excavation for the installation of the pipeline will be replaced within the trench and bore pits once work activities are complete. There will be no permanent changes in grade, ground surface material, waterway drainage, or land contours, as all areas disturbed by the project will be restored to preconstruction condition. Any excess spoil will be redistributed within the project area. All disturbed areas will then be re-vegetated and stabilized.

Surface Waters and Wetlands in Project Area

The Cuyahoga River is identified at two (2) crossings within the project area. The crossing along Front Street will be HDD bored. The pipeline will be abandoned at the crossing location southeast of the intersection of Front Street with Hillcrest Drive. No impact will occur to the Cuyahoga River or its floodplain. The Cuyahoga River crossing details are provided in **Appendix A-4 and A-5**.

General Right-of-Way Areas

A perimeter sediment control device (i.e. filter fabric fence or filter sock) will be placed down gradient of pipeline construction activities and staging areas, where effective and required, to protect adjacent undisturbed wetlands and other water resources, road surfaces, and residential properties from sediment transported by sheet flow runoff. Installation will be in accordance with the details depicted in **Detail B-1** "Filter Fabric Fence Detail" and **Detail B-4** "Filter Sock Detail". Sediment will be removed when accumulations reach 1/2 the above ground height of the fence. Perimeter sediment control devices that have been undermined or topped should be immediately repaired.

Storm Drain and Curb Inlet Protection

Storm drain and curb inlet protection devices will be installed to remove sediment from storm water before it enters storm sewers or downstream areas. Inlet protection devices are sediment barriers that may be constructed of geotextile fabrics and other materials that are supported around or across the storm drain inlets. All storm drain inlet protection requires frequent maintenance and cleaning to maintain sufficient flow rates and prevent clogging. Geotextile inlet protection devices, such as Dandy Bag® (or an approved equal product), are commonly used for storm drain inlet protection and the installation details are shown in **Detail B-2**. Sediment should be removed from the Geotextile inlet protection when accumulations reach ½ the height of the trap. Sediment will be removed and placed in a location where it is stable and not subject to erosion and should never be washed into an inlet.

Concrete Wash Water and Wash Out

Concrete wash water must not be allowed to flow to streams, ditches, storm drains, or any other water conveyance. A lined sump or pit with no potential for discharge must be constructed if needed to contain concrete wash water. Field tile (agricultural drain tiles) or other subsurface drainage structures within ten (10) feet of the concrete wash sump or pit must be cut and plugged. Concrete wash water is wastewater and thus is not permitted to be discharged under the provisions of Ohio EPA's Construction General Permit which only allows the discharge of stormwater. Concrete washout details are located in **Appendix C**. The location for concrete washout will be determined in the field as necessary.

Check Dams

In small open channels, swales, grassed waterways, or ditches, where it is necessary to slow the velocity of flow, check dams will be installed. These check dams can be small rock dams or filter socks. Installation details for rock check dams are shown in **Detail B-3**. Filter socks may

be used as check dams by staking the socks perpendicular to the flow of the channel. Refer to **Detail B-4** for installation. If a channel is expected to have high flow, filter fabric may be placed in front of the check dam. Sediment shall be removed from behind the check dam once it accumulates to one-half the original height of the check dam. Removal of the check dam can be performed by hand or mechanical means. Stone and sediment should be removed and the area graded and seeded.

Soil Stockpiles

A perimeter sediment control device will be installed adjacent to spoil stockpiles to prevent sedimentation into streams and other surface waters.

Trench Dewatering

Excessive water that accumulates in the trench will be pumped from the trench and filtered prior to discharging onto the ground along the ROW. Filter bags, designed to trap particles larger than 150 microns, will be used to remove sediment from the water. The filter bags will be located on a relatively flat (< 5% slope), well-vegetated area. If the dewatering location is within 50 feet of a stream or wetland, a barrier made of straw bales and geotextile, filter socks, or silt fence should be considered to pool the water and allow sediment to settle. The pump discharge hose will be inserted into the bags in the manner specified by the manufacturer and securely clamped. When the bag is filled to ½ its total capacity, it should be replaced with a new bag and properly disposed. If a well-vegetated area is not available, a geotextile underlayment will be placed under the area discharge area.

Inspection and Maintenance

A qualified environmental inspector will inspect all BMPs periodically throughout the construction period. The inspector will evaluate whether measures to prevent erosion are adequate and properly implemented or whether additional control measures are required. The inspector will identify and document specific areas that may be contributing to storm water discharges associated with construction activities; and recommend maintenance, supplementation, or replacement of BMPs. All temporary and permanent control practices will be maintained and repaired as needed. The erosion and sediment control measures will be inspected until all disturbed areas are stabilized.

Stabilization

Disturbed areas must be stabilized (i.e., using vegetative or structural soil cover to control erosion, such as temporary or permanent seed & mulch) during construction as specified in Table 1.

Table 1. Temporary Stabilization Timeframes

Area Requiring Temporary Stabilization	Timeframe to Apply Erosion Controls
Disturbed areas within 50 ft of a Surface Water of the State and before final grade	Within 2 days of the most recent disturbance if the area will remain idle for > 14 days
For all construction areas, disturbed areas that	Within 7 days of the most recent disturbance in

will be idle for > 14 days but < 1 year, and not within 50 ft of a Surface Water of the State	the area
Disturbed areas that will be idle over the winter	Prior to onset of winter weather

Following completion of construction activities, disturbed areas will be permanently stabilized (i.e., seeded, mulched, and fertilized) as specified in Table 2.

Table 2. Permanent Stabilization Timeframes

Area Requiring Permanent Stabilization	Timeframe to Apply Erosion Controls
Any areas that will lie dormant for one year or more	Within seven days of the most recent disturbance
Any areas within 50 feet from a surface water of the State and at final grade	Within two days of reaching final grade
Any other areas at final grade	Within seven days of reaching final grade within that area

Seeding

Once backfilling operations are completed, the tie-in excavations will be returned to their original slope and contour. Seeding will be performed with broadcast seeding equipment followed by a mulch covering. The following application rates will be used:

Temporary Seeding

Seed	2 pounds per 1,000 square feet (85 pounds per acre) with a winter (annual) rye or wheat dominant mix
Mulch	2-3 bales per 1,000 square feet minimum

Permanent Seeding

Seed	3-5 pounds per 1,000 square feet (130 – 215 pounds per acre) with a Kentucky blue grass and fescue mixture incorporating a perennial rye or similar mix.
Mulch	2-3 bales per 1,000 square feet minimum

Construction Activities

This section describes the environmental construction techniques that The East Ohio Gas Company, d/b/a Dominion Energy Ohio (DEO), and its contractors will use to perform the proposed pipeline replacement activities. Best Management Practices (BMPs) will be implemented throughout construction to minimize soil erosion and the transport of sediments from the construction area, and to protect any surface waters and wetlands located in and adjacent to the project.

The following general construction sequence provides an overview of the construction process. Wherever practical, construction activities will occur simultaneously and some steps may not occur in the exact order in which they are listed below.

- 1) Survey and stake existing/proposed pipeline and limits of construction workspaces, as necessary;
- 2) Install entrance pads at all access points from paved roads, if necessary;
- 3) Begin clearing and brushing of the ROW as necessary;
- 4) Install filter fence, filter socks, and storm drain inlet protection in areas that are not anticipated to be disturbed by subsequent grading and installation of temporary equipment crossings;
- 5) Grade the workspace if necessary;
- 6) Install all required filter fence, filter socks, rock check dams and storm drain inlet protection;
- 7) Excavate pipeline trench and bore pits in upland areas; during excavation, the top 6 to 12 inches of topsoil will be carefully removed from over the trenchline and within the bore pits and stockpiled separately from the trench and bore pit subsoil;
- 8) String new pipe along ROW;
- 9) Heat fuse or weld new pipeline together;
- 10) Implement BMPs for trench dewatering (if required);
- 11) Lower pipeline into trench and perform horizontal directional drill;
- 12) Backfill trench and bore pits;
- 13) Grout abandoned lines as necessary;
- 14) Restore grade to preconstruction contours and install permanent slope breakers where warranted;
- 15) Apply lime and fertilizer as needed. Seed and mulch to all disturbed areas;
- 16) Permanent or temporary soil stabilization shall be applied to disturbed areas within seven (7) days after final grade is reached on any portion of the pipeline.
- 17) Install erosion control blankets on steep slopes;
- 18) Street sweeping will be implemented as needed;
- 19) Monitor adequacy of erosion control practices; and,
- 20) After permanent stabilization is achieved, remove temporary erosion and sediment controls.

APPENDIX A

Project/Segment-Specific Maps & Tables

A-1: Site Location Map

A-2: USGS Map

A-3: Soils Map

A-4: Waterbody Crossing Table

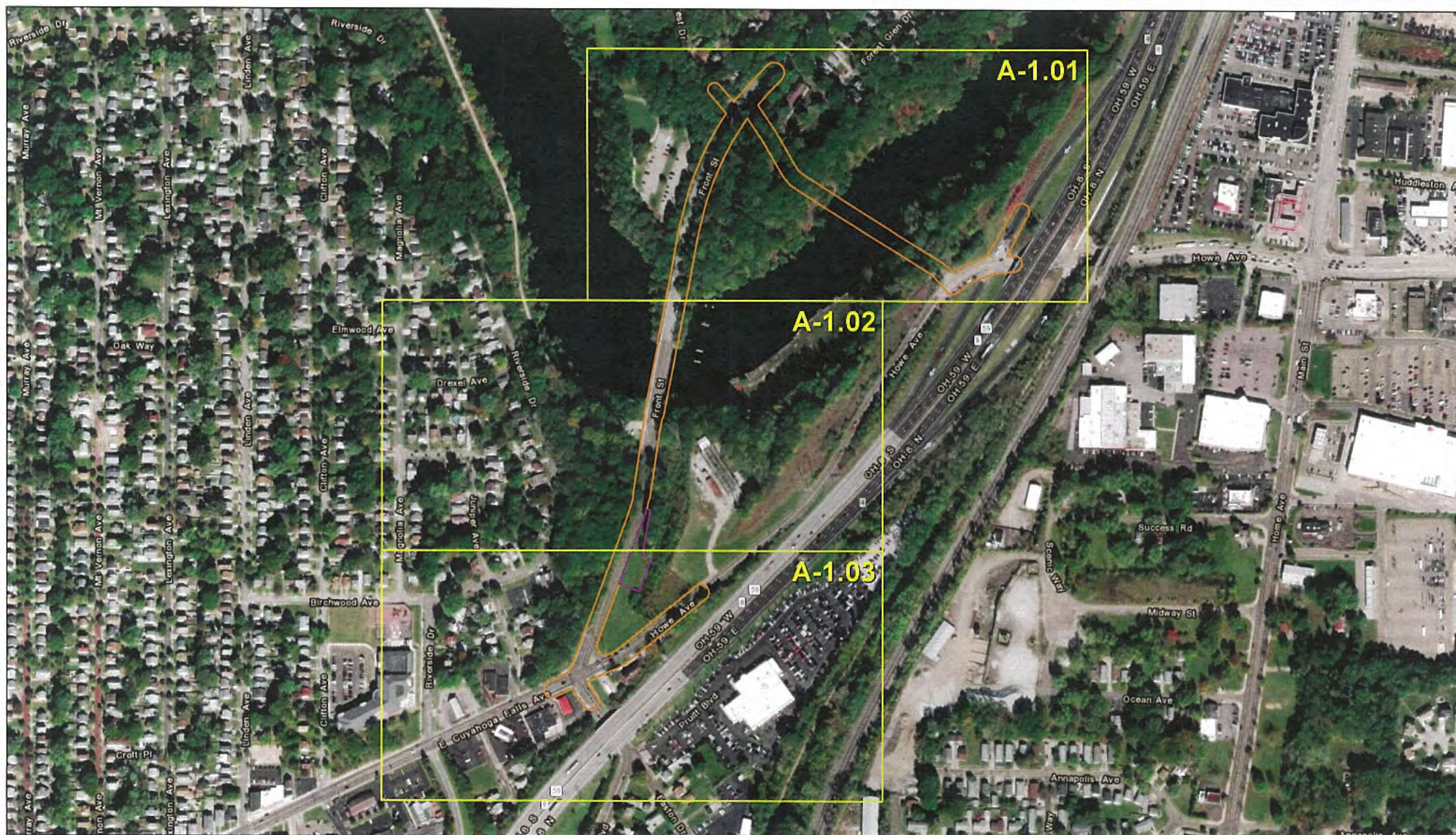
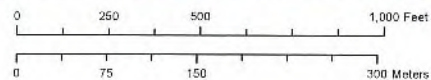


Figure A-1. Site Map Overview of
Wetlands and Other Water Resources.
PIR 567 - Cuyahoga River.

- Project Area
- Proposed DEO Easement



Notes:

- Inlet protection will be installed prior to construction in a given area.
- Silt fence, filter socks, and/or check dams will be installed prior to construction in a given area.
- Construction will primarily be limited to existing road right-of-way and service lines.
- Steel plates will be placed across roadways and driveways for ingress and egress.
- Following completion of construction activities, disturbed areas will be permanently stabilized (i.e., seeded mulched, and fertilized).

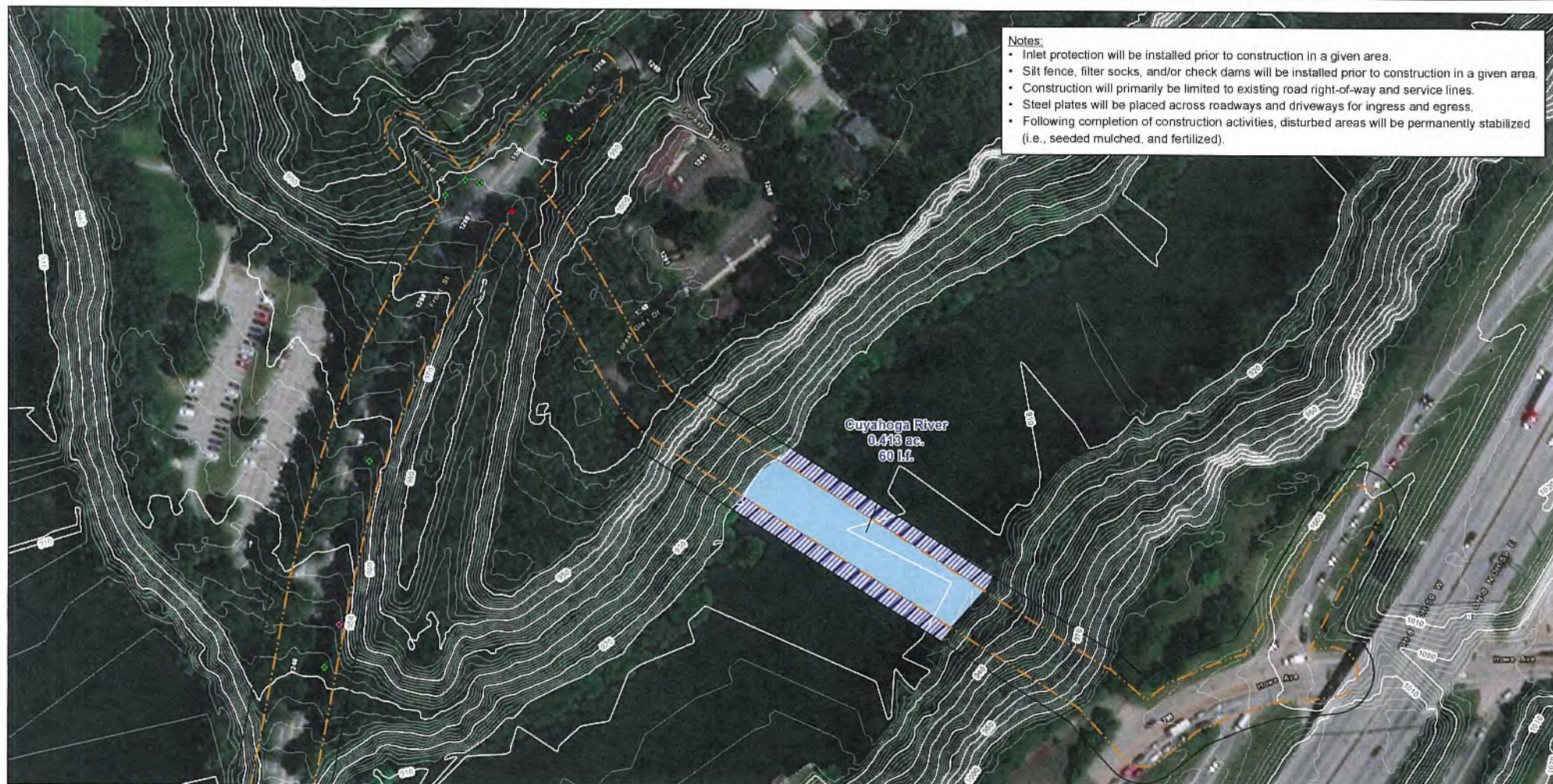


Figure A-1.01. Site Map of Wetlands and Other Water Resources.
PIR 567 - Cuyahoga River.

- | | | | |
|---------------------------------|------------------------------|-------------------------------------|-----------------------------------|
| ✱ Directional Drill Entry Point | ● Natural Gas Pipeline Stake | ▨ Open Water (Offsite) | ▭ Proposed DEO Easement |
| ✱ Directional Drill Exit Point | ● Wetland (Offsite) | ▭ Rock Construction Entrance | ▭ Project Area |
| ● Inlet | ■ Open Water | — Perimeter Sediment Control Device | ▭ Project Area Buffer (Add'l 20') |
| □ Outfall | | | |

0 100 200 400 Feet

0 25 50 100 Meters



A-1.01

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Leadership In Any Environment



Figure A-1.02. Site Map of Wetlands and Other Water Resources.
PIR 567 - Cuyahoga River.



- | | | | |
|---------------------------------|------------------------------|-------------------------------------|-----------------------------------|
| ✱ Directional Drill Entry Point | ● Natural Gas Pipeline Stake | ▨ Open Water (Offsite) | ▭ Proposed DEO Easement |
| ✱ Directional Drill Exit Point | ● Wetland (Offsite) | ▭ Rock Construction Entrance | ▭ Project Area |
| ● Inlet | ▭ Open Water | ▭ Perimeter Sediment Control Device | ▭ Project Area Buffer (Add'l 20') |
| □ Outfall | | | |

0 100 200 400 Feet

0 25 50 100 Meters



A-1.02

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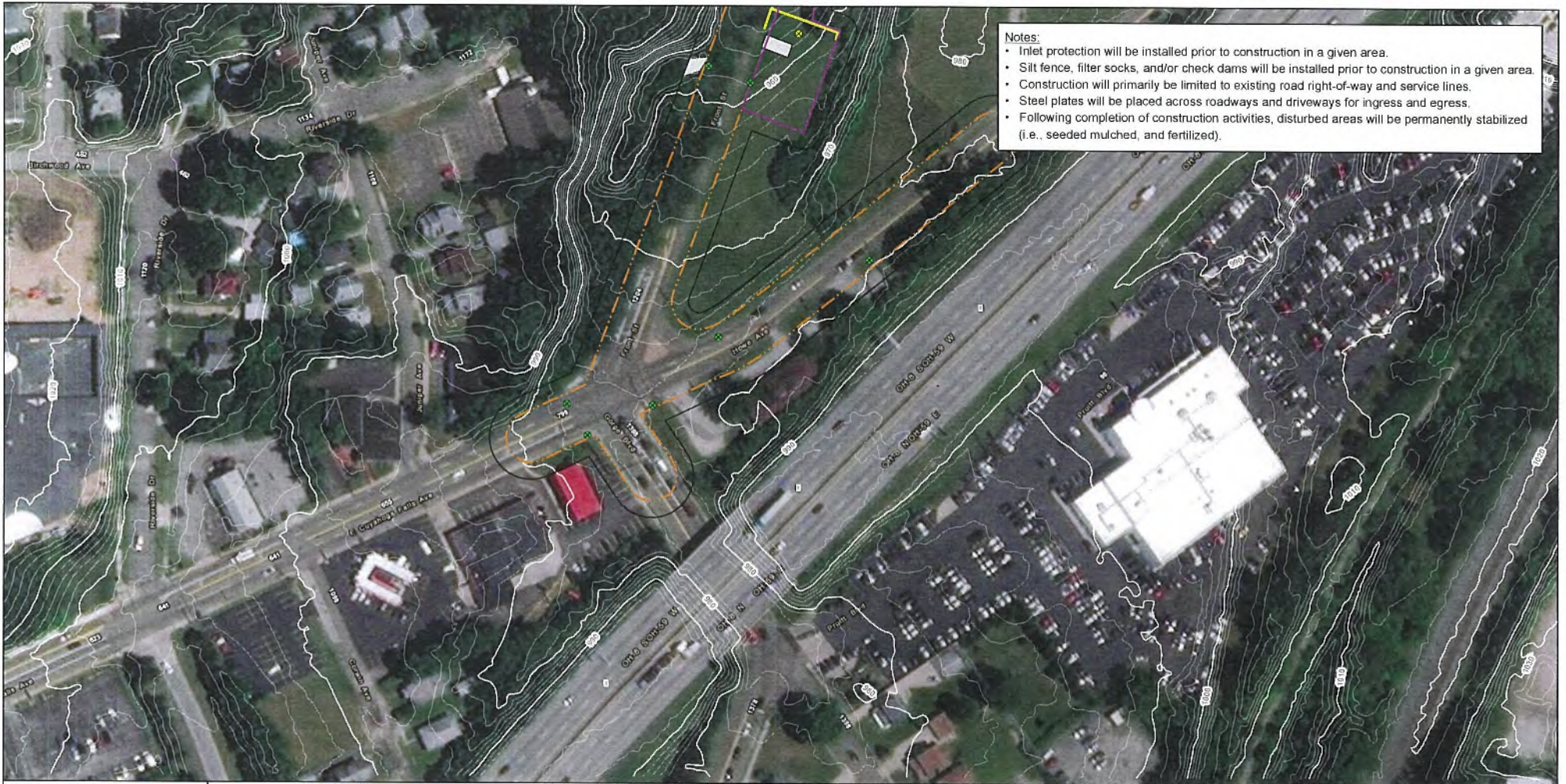


Figure A-1.03. Site Map of Wetlands and Other Water Resources.
PIR 567 - Cuyahoga River.

- | | | | |
|---|---|---|--|
| <ul style="list-style-type: none"> Directional Drill Entry Point Directional Drill Exit Point Inlet Outfall | <ul style="list-style-type: none"> Natural Gas Pipeline Stake Wetland (Offsite) Open Water | <ul style="list-style-type: none"> Open Water (Offsite) Rock Construction Entrance Perimeter Sediment Control Device | <ul style="list-style-type: none"> Proposed DEO Easement Project Area Project Area Buffer (Add'l 20') |
|---|---|---|--|

0 100 200 400 Feet

0 25 50 100 Meters



A-1.03

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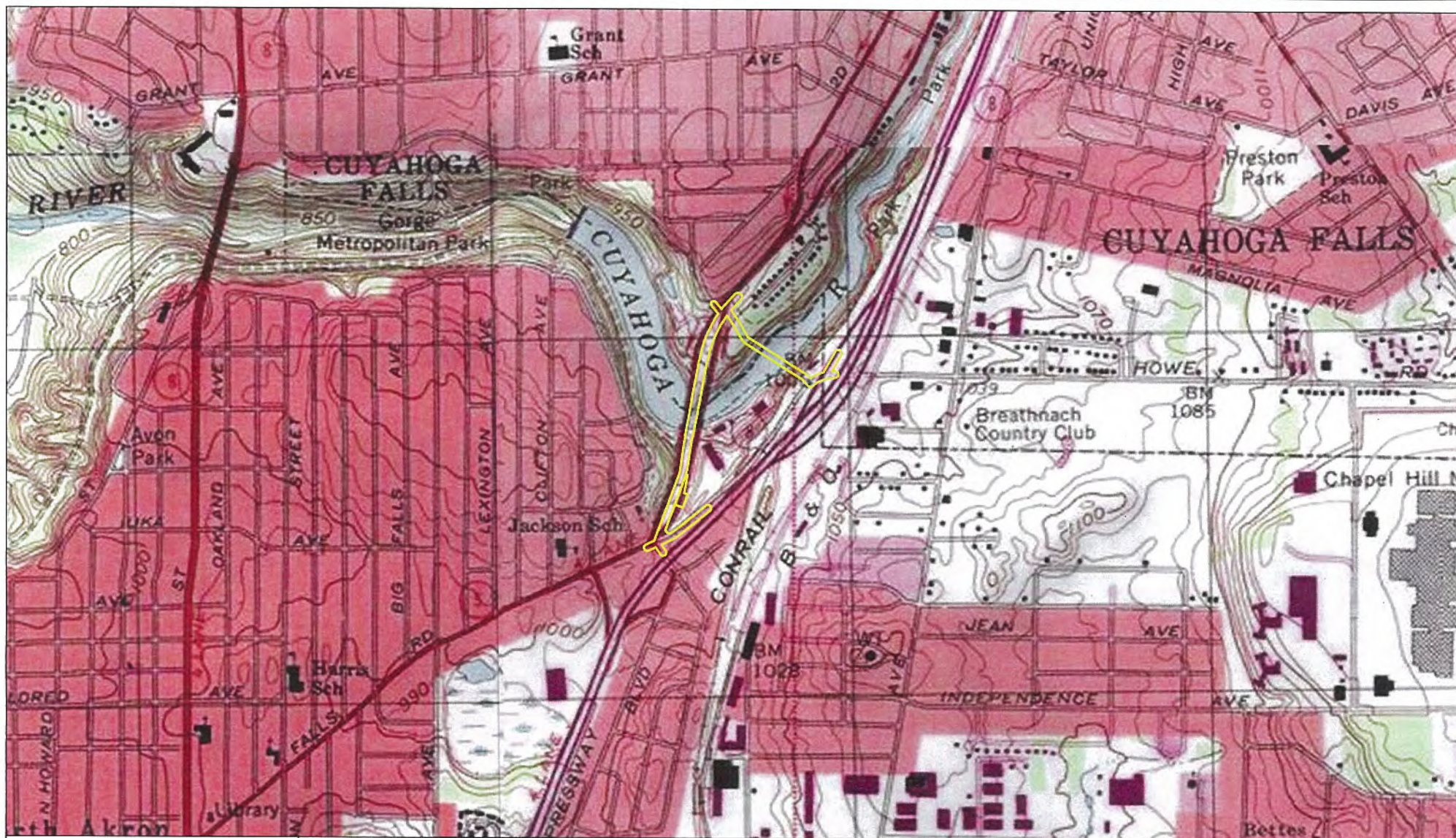
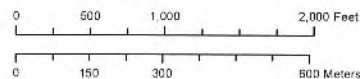


Figure A-2. USGS 7.5-minute
Topographic Map of Akron East Quadrangle.
PIR 567 - Cuyahoga River.

Project Area (60')

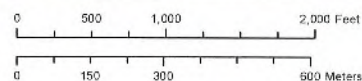


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Figure A-3.
Soil Map of Site in Summit County, Ohio.
PIR 567 - Cuyahoga River.

Project Area (60')



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**A-4. Waterbody Crossing Table
PIR 567 – Cuyahoga River**

Waterbody		Type	OHWM Width (feet)	Water Depth at time of Survey (inch)	Length within Project Area (linear feet)	Acreage within Project Area (Acres)	Stream Impacts ¹ - Length of Proposed Impacts (linear feet)	Stream Impacts ¹ Width of Crossing within the Construction Limits (feet)	Maximum Construction Width (Feet)	Crossing Method	Comments
Cuyahoga River	a	perennial	250	36	60	0.413	0	0	0	Avoid	Use BMPs
	b		230	36	9	0.045	0	0	0	HDD bore	Use BMPs
	c		230	36	8	0.041	0	0	0	HDD bore	Use BMPs

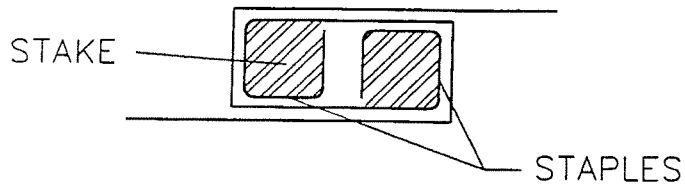
¹ Any change to the crossing method must be approved by the project manager.

APPENDIX B

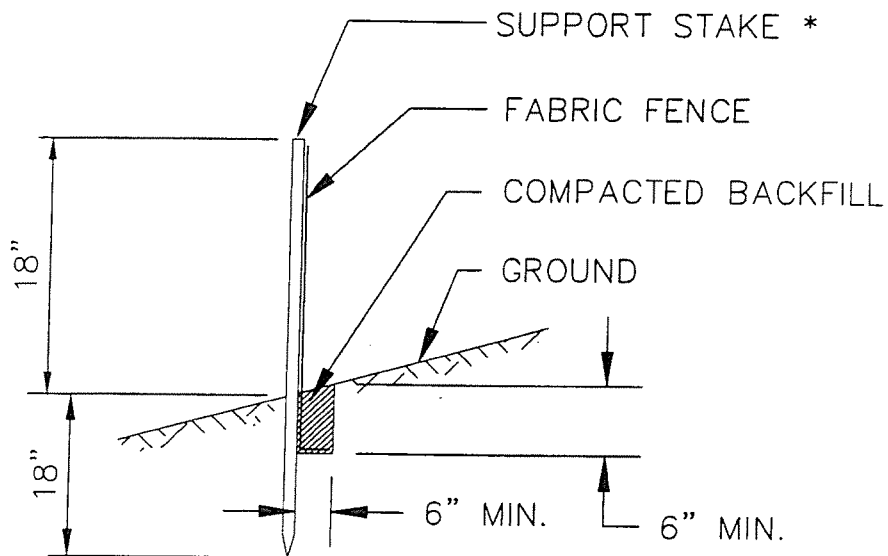
Sediment Control Detail Drawings

DETAIL B-1

FILTER FABRIC FENCE DETAIL



JOINING FENCE SECTIONS



*Stakes spaced @ 8' maximum. Use 2"x 2" wood or equivalent steel stakes.

Filter Fabric Fence must be placed at level existing grade. Both ends of the barrier must be extended at least 8 feet up slope at 45 degrees to the main barrier alignment.

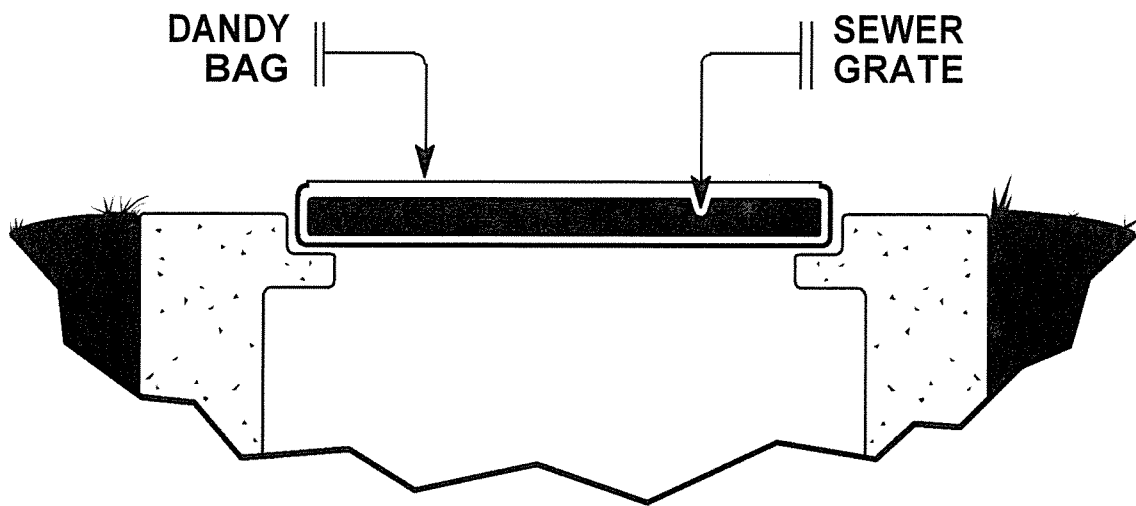
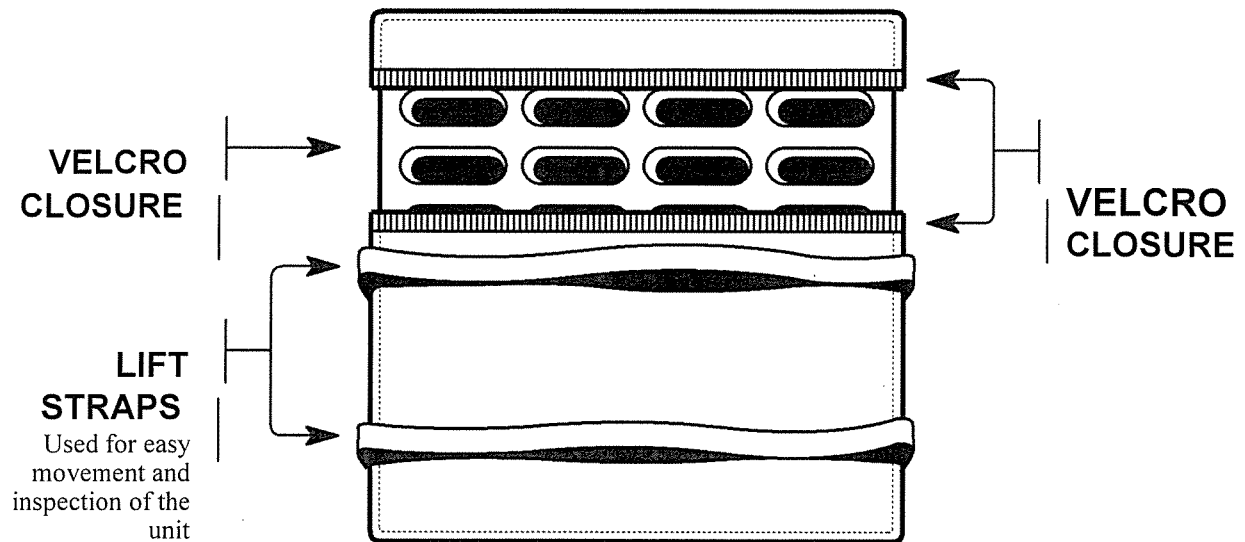
Trench shall be backfilled and compacted to prevent runoff from cutting underneath the fence.

Sediment must be removed when accumulations reach 1/2 the above ground height of the fence.

Any section of Filter fabric fence that has been undermined or topped should be immediately replaced.

DETAIL B-2

DANDY BAG® INLET PROTECTION DETAIL



Installation:

Place the empty Dandy Bag® over the grate as the grate stands on end.

Tuck the enclosure flap inside to completely enclose the grate.

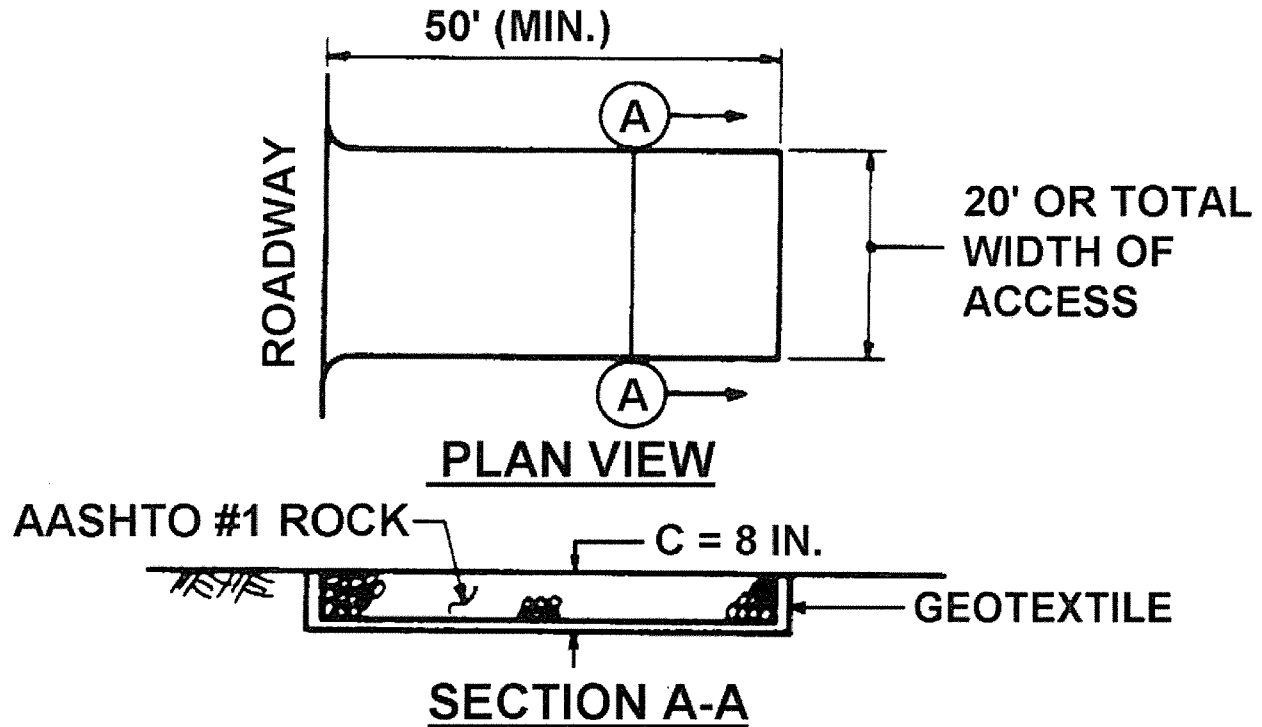
Holding the lifting devices, insert the grate into the inlet being careful not to damage the Dandy Bag® unit.

Maintenance:

The contractor shall remove all accumulated sediment and debris from surface and vicinity of unit after each rain event or as directed by engineer/inspector. Dispose of unit no longer in use at an appropriate recycling or solid waste facility.

DETAIL B-3

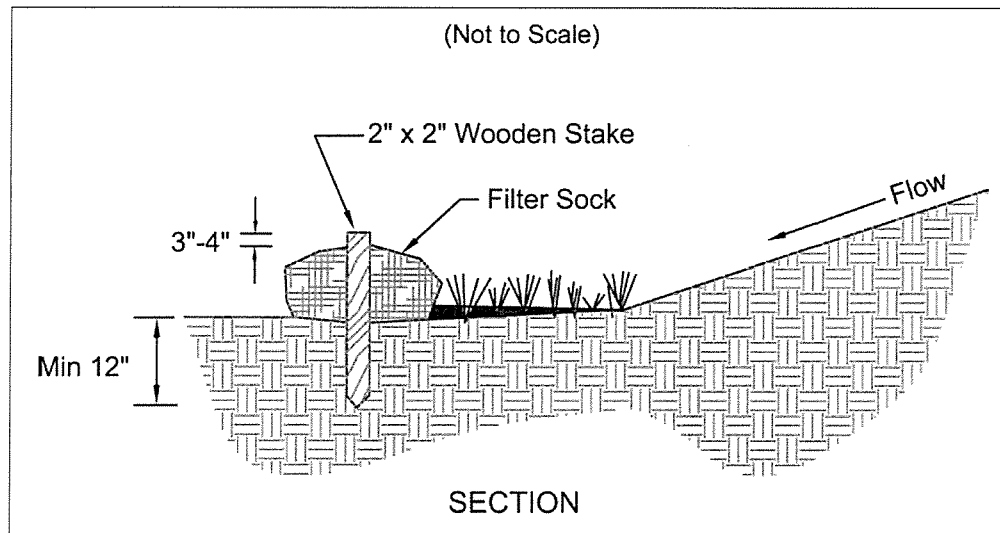
ROCK CONSTRUCTION ENTRANCE DETAIL



MAINTENANCE: Rock Construction Entrance thickness shall be constantly maintained to the specified dimensions by adding rock. A stockpile shall be maintained onsite for this purpose. At the end of each construction day, all sediment deposited on paved roadways shall be removed and returned to the construction site. Steel plates, timber mats, and tires are also acceptable materials for short-term construction entrances.

DETAIL B-4

FILTER SOCK DETAIL



1. Materials – Compost used for filter socks shall be weed, pathogen and insect free and free of any refuse, contaminants or other materials toxic to plant growth. They shall be derived from a well-decomposed source of organic matter and consist of a particles ranging from 3/8" to 2" .
2. Filter Socks shall be 3 or 5 mil continuous, tubular, HDPE 3/8" knitted mesh netting material, filled with compost passing the above specifications for compost products.

INSTALLATION:

3. Filter socks will be placed on a level line across slopes, generally parallel to the base of the slope or other affected area. On slopes approaching 2:1, additional socks shall be provided at the top and as needed mid-slope.
4. Filter socks intended to be left as a permanent filter or part of the natural landscape, shall be seeded at the time of installation for establishment of permanent vegetation.

5. Filter Socks are not to be used in concentrated flow situations or in runoff channels.

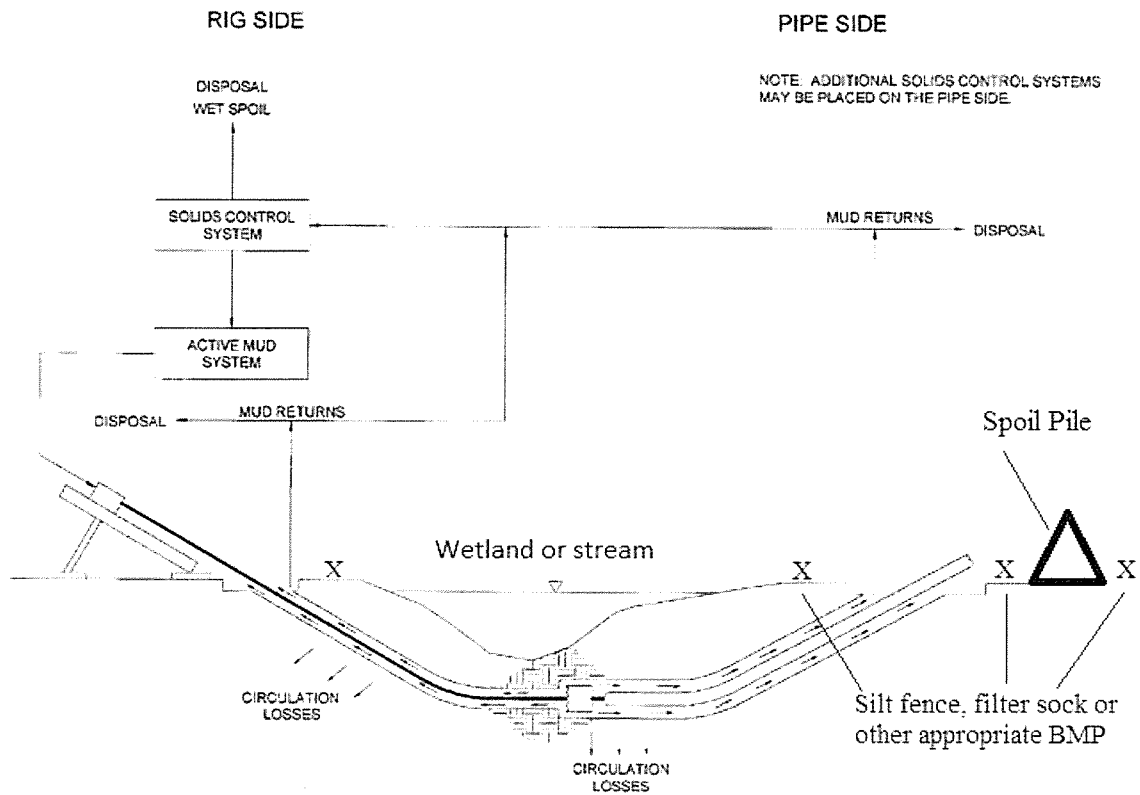
MAINTENANCE:

6. Routinely inspect filter socks after each significant rain, maintaining filter socks in a functional condition at all times.
7. Remove sediments collected at the base of the filter socks when they reach 1/3 of the exposed height of the practice.
8. Where the filter sock deteriorates or fails, it will be repaired or replaced with a more effective alternative.
9. Removal – Filter socks will be dispersed on site when no longer required in such a way as to facilitate and not obstruct seedings.

Note: Filter socks may not require stakes if used in areas of little to no slope, for short duration, and/or for relatively small disturbances such as sidecast piles from service line tie-ins.

DETAIL B-5

HORIZONTAL DIRECTIONAL DRILL (BORE) OF SURFACE WATER



APPENDIX C

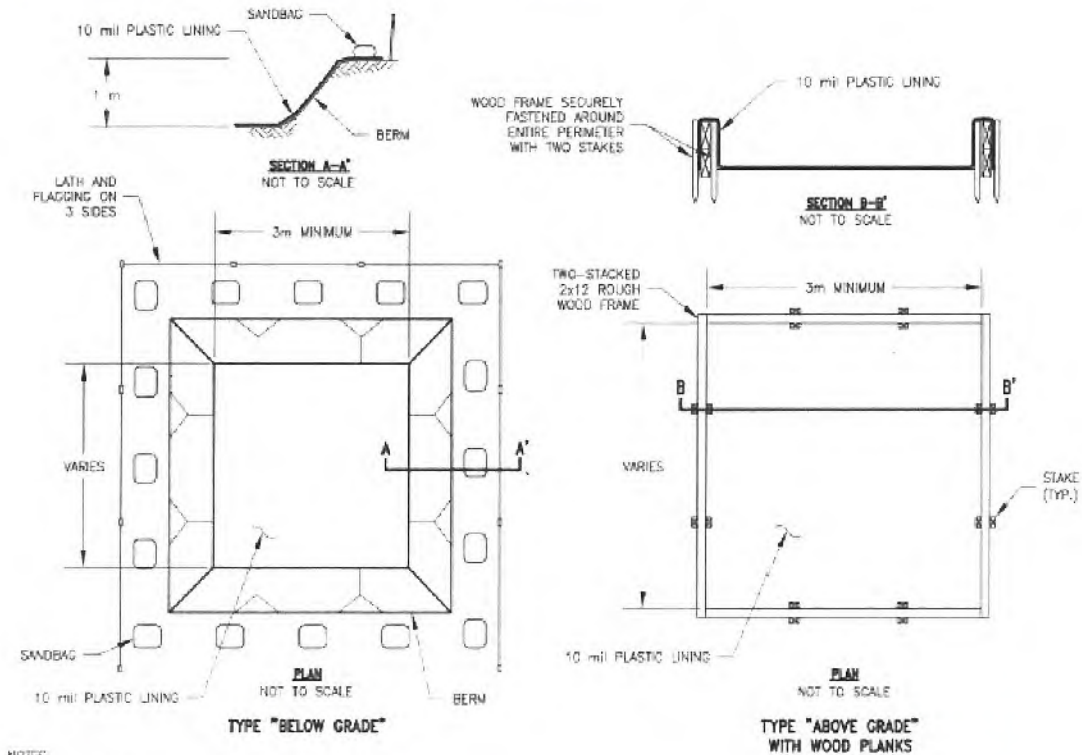
Concrete Washout Detail

DETAIL C-1

Concrete Washout Detail

Note: This detail to be used in the absence of the following concrete washout BMPs:

1. Washout into a depressional area where new sidewalks will be poured
2. Washout into a lined pit in the ground with filter socks as perimeter control



NOTES:

1. ACTUAL LAYOUT DETERMINED IN THE FIELD.
2. THE CONCRETE WASHOUT SIGN (SEE PAGE 6) SHALL BE INSTALLED WITHIN 10 m OF THE TEMPORARY CONCRETE WASHOUT FACILITY.



Sign Examples



Photograph of the "ABOVE GRADE" concrete washout structure

Tara E Buzzelli (Services - 6)

From: Russell W. Kring <kringrw@cityofcf.com>
Sent: Thursday, November 15, 2018 2:14 PM
To: Tara E Buzzelli (Services - 6)
Cc: Benjamin C Harvey (GasInfrastructure - 5); demasitv@cityofcf.com
Subject: [External] Re: AKR15 Sourek Trail Betterment and MLX

Tara,
I have completed an initial review of the attached SWPPP, as well as the SWPPP for PIR 567 Cuyahoga River and both are Approved as Submitted. Thank You
Russ Kring

From: "Tara E Buzzelli" <Tara.E.Buzzelli@dominionenergy.com>
To: kringrw@cityofcf.com
Cc: "Benjamin C Harvey" <Benjamin.C.Harvey@dominionenergy.com>, demasitv@cityofcf.com
Sent: Tuesday, November 13, 2018 10:18:44 AM
Subject: AKR15 Sourek Trail Betterment and MLX

Good morning Mr. Kring,

Dominion Energy Ohio (DEO) is proposing to install approximately 2,508 feet of four (4)-inch diameter natural gas pipeline to upgrade the existing pipeline system (Betterment portion) and 3,612 feet of four (4)-inch diameter natural gas pipeline to extend the existing mainline system along newly constructed roads(MLX portion). The project is located along Sourek Trail in Cuyahoga Falls, Ohio.

A copy of the SWPPP submittal has been attached for your convenience and a hard copy will be in the mail.

The Betterment portion is anticipated to begin as soon as next week; therefore, DEO is requesting an expedited review of the SWPPP to meet the construction schedule.

Thank you for your time.

Sincerely,

Tara Buzzelli

Dominion Energy Services
320 Springside Drive, Suite 320
Akron, Ohio 44333
office: 330-664-2579
cell: 330-604-8871

CONFIDENTIALITY NOTICE: This electronic message contains information which may be legally confidential and or privileged and does not in any case represent a firm ENERGY COMMODITY bid or offer relating thereto which binds the sender without an additional express written confirmation to that effect. The information is intended solely for the individual or entity named above and access by

anyone else is unauthorized. If you are not the intended recipient, any disclosure, copying, distribution, or use of the contents of this information is prohibited and may be unlawful. If you have received this electronic transmission in error, please reply immediately to the sender that you have received the message in error, and delete it. Thank you.

CASE No. 19-135-GA-BNR
PIR 567 – FRONT STREET
CITIES OF AKRON AND CUYAHOGA FALLS, SUMMIT COUNTY, OHIO
TWELVE (12)-INCH HIGH PRESSURE PIPELINE REPLACEMENT

ATTACHMENT F
ENVIROSCIENCE LETTER REPORT

May 25, 2017

Tara Buzzelli
Environmental Specialist III
Dominion Resources
320 Springside Drive, Suite 320
Akron, Ohio 44333

Re: **The East Ohio Gas Company, Pipeline Infrastructure Replacement Program**
PIR 567 – Cuyahoga River
Project Number 8853

Dear Ms. Buzzelli:

On July 12, 2016 and May 8, 2017, EnviroScience biologists visited the above referenced site for an ecological assessment of the property to evaluate the project area for the presence of streams, wetlands, and any other sensitive resources. One (1) perennial stream, an impounded reach of the Cuyahoga River, was identified within the project area. No wetlands were identified in the project area. Site maps are included in Attachment A and site photographs are located in Attachment B.

An area of approximately 6.3 acres was surveyed for the replacement of approximately 0.2 miles (1,085 feet) of existing natural gas pipeline (twelve [12]-inch diameter). The PIR 567 – Cuyahoga River project generally follows along the existing public road right-of-way (ROW) of 75 feet wide (37.5 feet on either side of the road center line) along Front Street; 72 feet wide (36 feet on either side of the road center line) along Front Street; 64 feet wide (32 feet on either side of the road center line) along Front Street; 60 feet wide (30 feet on either side of the road center line) along East Cuyahoga Falls Avenue, Front Street, and Gorge Boulevard; and 60 feet wide (30 feet on either side of the pipeline) along an existing off-road easement. The project is located within the City of Akron and the City of Cuyahoga Falls, Summit County, Ohio (Attachment A; Figure 1). The project area is primarily urban park, commercial, and residential properties with maintained lawn and forested plant communities.

The project area is located on the Akron East Quadrangle (Figure 2; Attachment A) of the United States Geological Survey (USGS) 7.5-minute topographic maps. Generally, the project area slopes downward toward the Cuyahoga River which flows through the center of the project area, with elevations between approximately 920 feet above mean sea level (AMSL) and 1,010 feet AMSL. The Cuyahoga River is dammed downstream of the project area, and is depicted as an open water feature. The National Wetlands



5070 Stow Road
Stow, OH 44224

Inventory map depicts the Cuyahoga River as a limnetic lacustrine water body with an unconsolidated bottom that is permanently flooded, and impounded (L1UBHh). No wetlands are indicated within the project area on either the USGS map or the National Wetlands Inventory map (Akron East Quadrangle), shown on Figure 3 (Attachment A). The soils map was accessed from the Soil Survey Geographic (SSURGO) Database and is shown on Figure 4 in Attachment A. Five (5) soil types are depicted within the project area and are listed in Table 1. All soil types are listed as non-hydric within Summit County.

Table 1. Soil Types Found in Project Area.

Symbol	Soil Type	Status
CuB	Chili-Urban land complex, undulating	Not Hydric
DkF	Dekalb sandy loam, 25 to 70 percent slopes	Not Hydric
EuC	Ellsworth-Urban land complex, 6 to 18 percent slopes	Not Hydric
LoB	Loudonville silt loam, 2 to 6 percent slopes	Not Hydric
Uf	Udorthents, sanitary landfill	Not Hydric

The project area is predominately located within urban park, commercial, and residential properties. Typical herbaceous vegetation within the onsite maintained lawn community includes Kentucky bluegrass (*Poa pratensis*, FACU), orchard grass (*Dactylis glomerata*, FACU), common dandelion (*Taraxacum officinale*, FACU), white clover (*Trifolium repens*, FACU), suckling clover (*Trifolium dubium*, FACU), red clover (*Trifolium pratense*, FACU), English plantain (*Plantago lanceolata*, FACU), and common chickweed (*Stellaria media*, FACU). Common trees within the forest community include northern red oak (*Quercus rubra*, FACU), sugar maple (*Acer saccharum*, FACU), American beech (*Fagus grandifolia*, FACU), northern white oak (*Quercus alba*, FACU), black cherry (*Prunus serotina*, FACU), Norway maple (*Acer platanoides*, UPL), tuliptree (*Liriodendron tulipifera*, FACU), eastern cottonwood (*Populus deltoides*, FAC), and black locust (*Robinia pseudoacacia*, FACU). American witch-hazel (*Hamamelis virginiana*, FACU) and various tree saplings occur commonly in the shrub stratum. The herbaceous stratum of the forest is very sparsely vegetated, though small amounts of beech-drops (*Epifagus virginiana*, UPL) and wreath goldenrod (*Solidago caesia*, FACU) are present throughout, with weedy species such as Canada thistle (*Cirsium arvense*, FACU) occurring along the forest edge.

No wetlands were identified within the project area. One (1) perennial stream, an impounded reach of the Cuyahoga River was identified within the project area. Because this impounded reach is functioning more as an open water feature than stream habitat, assessment using the Ohio EPA's Qualitative Habitat Evaluation Index

(QHEI) is not appropriate.

Stream		Type	OHEM Width (feet)	Water Depth at Time of Survey (inches)	Length within Project area (linear feet)	Acreage within Project area (acre)	QHEI Score
Cuyahoga River	a	Perennial	250	36	60	0.413	NA
	b		230		9	0.045	
	c		230		8	0.041	
Total Stream					77	0.499	

Threatened and Endangered Species

The project contains one (1) perennial stream, an impounded reach of the Cuyahoga River. The U.S. Army Corps of Engineers (USACE) has regulatory authority over federally listed threatened and endangered species. Under the 2017 Nationwide Permit (NWP) program, the USACE requires notification for activities that impact PRTs within regulated water and when in-water work will occur in specific waterways/townships (listed in Appendix 1 of the NWP Regional General Conditions). A portion of the project area is within Tallmadge township which is a listed waterway township. However, the portion of the Cuyahoga River within the project area is all within Portage Township therefore, no further coordination regarding threatened and endangered species is required. Additionally, coordination with the Ohio Department of Natural Resources (ODNR) is recommended prior to project initiation in accordance with Ohio's rule regarding threatened and endangered species.

The federally listed species whose range includes Summit County are the federally endangered Indiana bat (*Myotis sodalis*), the federally threatened northern long-eared bat (*Myotis septentrionalis*), the federally threatened northern monkshood (*Aconitum noveboracense*), the federally threatened eastern massasauga (*Sistrurus catenatus catenatus*) and the federal species of concern bald eagle (*Haliaeetus leucocephalus*).

The project area is primarily in an urban park setting and largely runs through or adjacent to contiguous forest habitat. Living or dead trees with shedding or peeling bark or cavities may serve as roosting trees for the Indiana bat and/or the northern long-eared bat. No potential habitat trees were identified within the project area.

The northern monkshood is found in wooded ravines on cool, moist talus slopes or shaded cliff faced. No habitat for the northern monkshood occurs within the project area.

The eastern massasauga prefers to live in wet areas including wet prairies, marshes, fens and low areas along rivers and lakes. It also uses adjacent uplands during part of the year, preferring old field areas that are dominated by goldenrods and have mosaic of shrubs. No eastern massasauga habitat was observed within the project area. Moreover, the information USFWS provided to EOG indicates that Tallmadge and Portage Townships in Summit County are not within the range of the eastern massasauga. No further coordination with USFWS is necessary with regard to the eastern massasauga.

The bald eagle nests in large trees near water. Potential bald eagle habitat is present within the project area, although no bald eagles or nests were observed within or adjacent to the project area. Moreover, the information that USFWS provided to EOG indicates that Portage and Tallmadge Townships in Summit County have known occurrences of bald eagle nesting sites. Further coordination with USFWS is recommended with respect to the bald eagle.

Agency Coordination and Permits

One (1) perennial stream, an impounded reach of the Cuyahoga River, and no wetlands exist within the project area. Based on the site plans for the PIR 567 - Cuyahoga River project, no impacts to the Cuyahoga River are proposed and applicability under the USACE NWP program would not be required. If impacts to the onsite stream become necessary, these would be authorized under a non-notification NWP #12 (Utility Line Activities). Coordination with the Ohio Department of Natural Resources (ODNR) is recommended prior to project initiation in accordance with Ohio's rule regarding threatened and endangered species.

A Stormwater Pollution Prevention Plan (SWPPP) should be prepared in accordance with the Ohio Rain Water and Land Development Manual for projects with earth disturbance greater than one (1) acre. In addition, the National Pollution Discharge Elimination System (NPDES) General Construction Site Stormwater Permit (OHC000004) through the Ohio EPA is required for projects resulting in earth disturbance greater than one (1) acre unless the project is located in a combined sewer serviced area in which NOI submittal is not required. The project is not located within a combined sewer service area. Earth disturbance for pipeline replacement activities may result from pipeline installation, pipeline capping of abandoned lines, vehicular and

construction traffic within unpaved pipe yard areas, and/or equipment access along unpaved routes.

For the PIR 567 – Cuyahoga River project, if no additional unpaved areas are required for the pipeline replacement and earth disturbance is limited to pipeline installation within the ROW, a 40.2 foot wide earth disturbance limit would need to be maintained along the replacement of 1,085 feet of pipe to stay below the one (1) acre threshold. If additional disturbance is required for pipeline capping of abandoned lines, vehicular and construction traffic within unpaved pipe yard areas, and/or equipment access along unpaved routes, this area will be included in the calculation and the disturbance width will be reduced. Local submittal requirements for this project include coordination with Summit County Soil and Water Conservation District (SWCD) for any project disturbance greater than one (1) acre. Additionally, coordination with the City of Akron and the City of Cuyahoga Falls is required for projects of any size.

The Federal Emergency Management Agency (FEMA) produces Flood Insurance Rate Maps (FIRM), which shows the locations of predictable floodplain during precipitation flood events. The FIRM map of the project area was researched and it was found that the project crosses the 100-Year Flood Zone of the Cuyahoga River (Appendix A). If work within the flood zone is anticipated to complete the project, coordination is recommended.

This project does not require coordination with OHPO based on Section 106 of the National Historic Preservation Act (NHPA). No further formal consultation with OHPO is required for this project based on the current site plans. A preliminary OHPO historical records search indicated that there is one (1) historic feature located within the project area. An OHPO literature review is in progress.

Please feel free to contact me with any questions or concerns; I can be reached at (330) 688-0111 or via email at EKennedy@EnviroScienceInc.com.

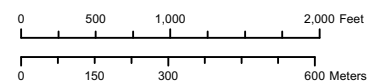
Respectfully,

A handwritten signature in black ink, appearing to read 'Emmalisa Kennedy', with a stylized flourish at the end.

Emmalisa Kennedy
Wetland Ecologist

Attachment A
Maps

Project Area



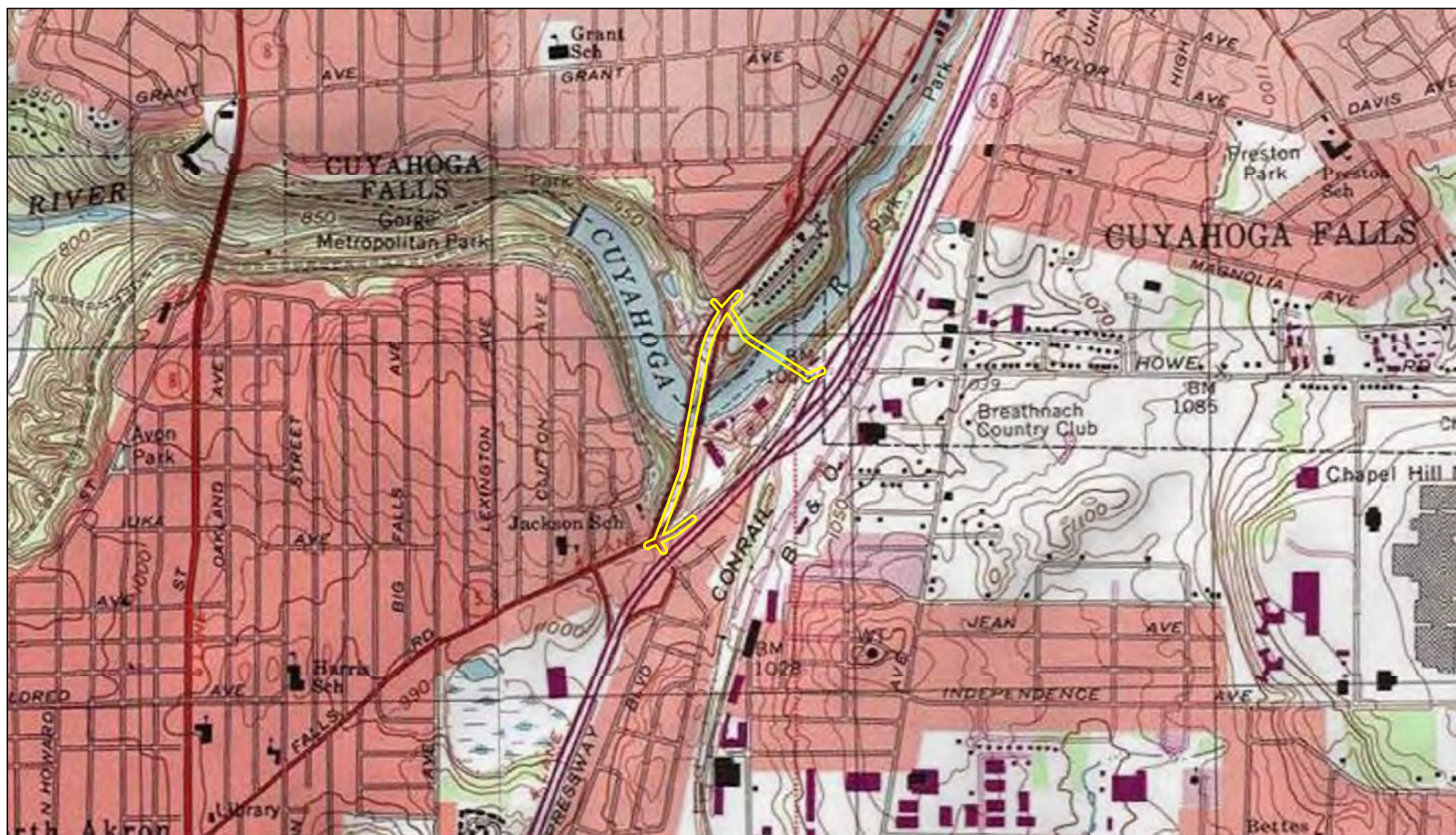
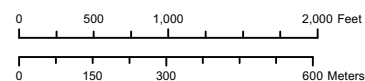


Figure 2. USGS 7.5-minute
Topographic Map of Akron East Quadrangle.
PIR 567 - Cuyahoga River.

 Project Area



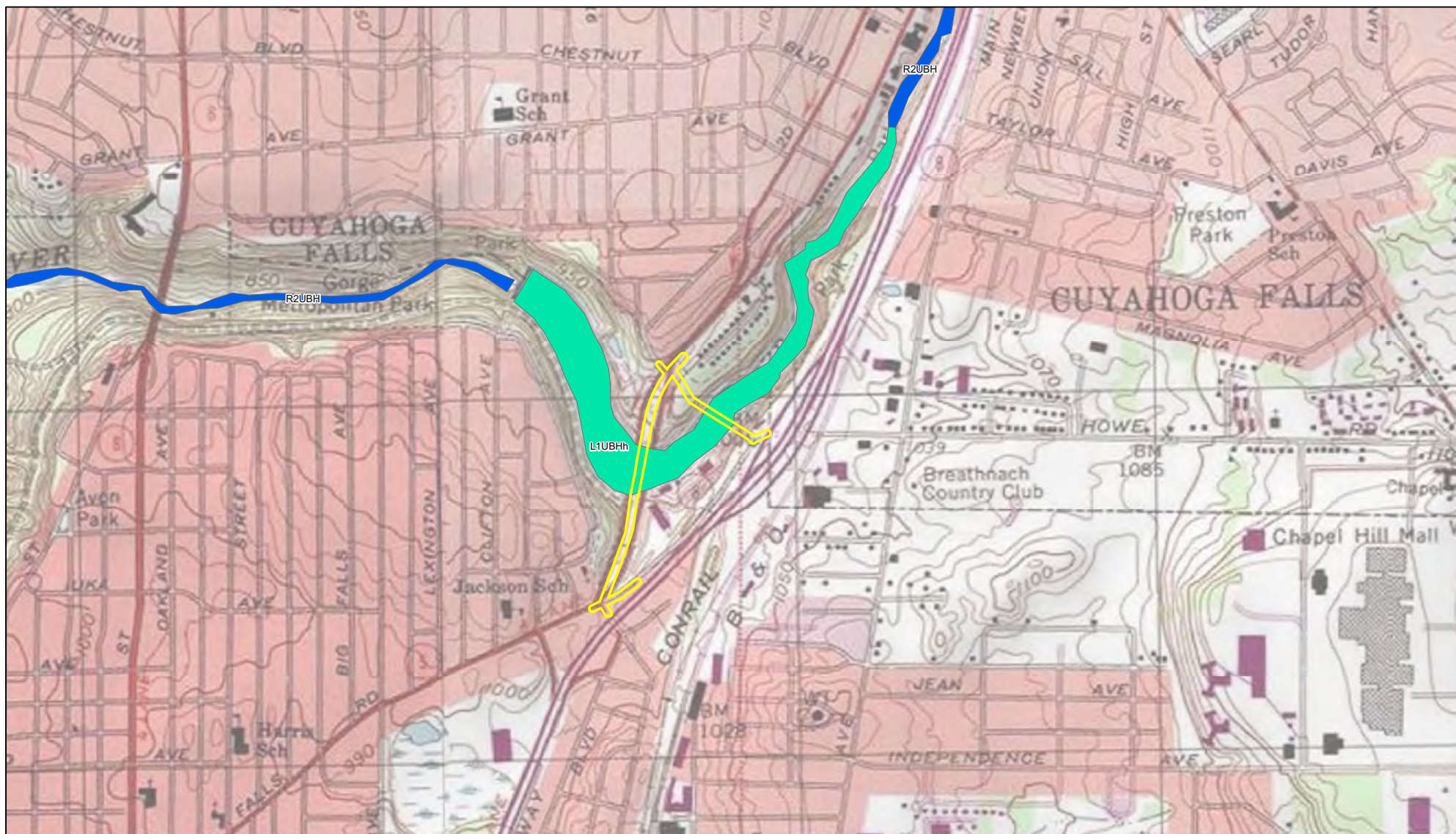
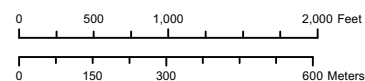


Figure 3.
NWI Map of Site (Akron East Quadrangle).
PIR 567 - Cuyahoga River.

 Project Area

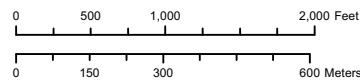


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Figure 4.
Soil Map of Site in Summit County, Ohio.
PIR 567 - Cuyahoga River.

Project Area



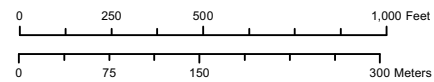
Basemap courtesy of Esri. Soil data courtesy of SSURGO.

Date: 5/8/2017 Path: P:\10_Proposed\Dominion\EGAT\PIR\PIR_567_CuyahogaRiver\GIS\Map5_Overview.mxd



Figure 5. Site Map Overview of Wetlands and Other Water Resources.
PIR 567 - Cuyahoga River.

- Pipeline
- Project Area (60')



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Date: 5/22/2017



Figure 5.01. Site Map of Wetlands and Other Water Resources.
PIR 567 - Cuyahoga River.



- | | | | |
|-----------|----------------------|-------------------|---------------------------------|
| ● Inlet | Open Water | Wetland (Offsite) | Project Area (60') |
| ■ Outfall | Open Water (Offsite) | Pipeline | Project Area Buffer (Add'l 20') |

0 100 200 400 Feet

0 25 50 100 Meters



5.01



Figure 5.02. Site Map of Wetlands and Other Water Resources.
PIR 567 - Cuyahoga River.



5.02

- Inlet
 - Open Water
 - Wetland (Offsite)
 - Project Area (60')
 - Project Area Buffer (Add'l 20')
- Outfall
 - Open Water (Offsite)
 - Pipeline

0 100 200 400 Feet

0 25 50 100 Meters





Figure 5.03. Site Map of Wetlands and Other Water Resources.
PIR 567 - Cuyahoga River.



5.03

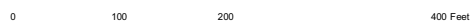
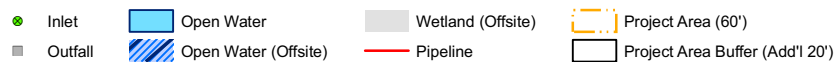
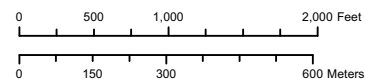




Figure 6. FEMA Map of Site in Summit County, Ohio.
PIR 567 - Cuyahoga River.

100-Year Flood Zone
Project Area (60')



Attachment B
Photographs

*PIR 567 – Cuyahoga River
Photographed July 12, 2016 and May 8, 2017*



Photo 1. Typical road right-of-way (ROW) along Front Street within the project area.



Photo 2. Typical off-road ROW within the project area.

*PIR 567 – Cuyahoga River
Photographed July 12, 2016 and May 8, 2017*



Photo 3. Typical maintained lawn within the project area



Photo 4. Typical forest community within the project area.

*PIR 567 – Cuyahoga River
Photographed July 12, 2016 and May 8, 2017*



Photo 5. Cuyahoga River facing east, upstream.



Photo 6. Cuyahoga River facing west, downstream

*PIR 567 – Cuyahoga River
Photographed July 12, 2016 and May 8, 2017*



Photo 7. Cuyahoga River substrate.

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

2/28/2019 11:14:20 AM

in

Case No(s). 19-0135-GA-BNR

Summary: Text The East Ohio Gas Company d/b/a Dominion Energy Ohio Construction Notice for PIR 567 Pipeline Replacement Project - Part 2 of 3 electronically filed by Teresa Orahod on behalf of Devin D. Parram