

**CASE No. 19-714-GA-BNR
PIR 3368 LAKEWOOD ROAD EAST
RAVENNA TOWNSHIP, PORTAGE COUNTY, OHIO
PIPELINE REPLACEMENT PROJECT**

ATTACHMENT G

**PORTAGE COUNTY BUILDING DEPARTMENT
FLOODPLAIN PERMIT**

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



November 9, 2018

BY FED-EX

Charles Corcoran, Director
Portage County Building Department
Floodplain Administration
449 South Meridian Street
Ravenna, Ohio 44266

RE: The East Ohio Gas Company, Pipeline Infrastructure Replacement Program
Portage County Floodplain Permit Review
PIR 2452 – Lakewood and Hommon

Dear Mr. Corcoran:

The East Ohio Gas Company, d/b/a Dominion Energy Ohio (DEO), requests review of the following information regarding the Pipeline Infrastructure Replacement (PIR) project, PIR 2452 – Lakewood and Hommon. DEO is proposing to install approximately 4518 feet of twelve (12)-inch diameter, high pressure, replacement natural gas pipeline in Ravenna Township, Portage County, Ohio. The replacement will be conducted via open trench and horizontal direction drilling installation methods.

The project area crosses through the 100-year floodplain of Breakneck Creek. All ground disturbance caused by pipeline removal will be temporary and grades will be returned to pre-construction contours after the project activities are completed. The project will not result in any additional impervious surface and any temporary material and/or equipment will be removed. The following documents are included for your review:

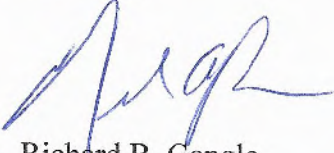
- Portage County Miscellaneous Fees Application - one (1) copy
- Check for \$75.00 (review fee) made payable to the Portage County Treasurer
- Site Mapping/FEMA mapping – one (1) copy
- Construction Design Drawings – two (2) copies

The PIR 2452 project has an expected start date of January 2019. Therefore, a timely review of this project is respectfully requested. Please forward your response to the attention of:

Greg Eastridge
Environmental Specialist
320 Springside Drive, Suite 320
Akron, Ohio 44333
Gregory.K.Eastridge@DominionEnergy.com

If you have any questions or need additional information, please contact Greg Eastridge at (330) 664-2576.

Sincerely,

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

for Richard B. Gangle
Director, Environmental Services

Enclosures

cc: Gregory Eastridge

Miscellaneous Fees Application

Portage County Building Department
449 S. Meridian Street, P O Box 1217, Ravenna, OH 44266
Phone: 330-297-3530 Fax: 330-297-3896
Website: www.co.portage.oh.us

Permit # _____ Township/Village Ravenna Township

Name The East Ohio Gas Company, Contact: Greg Eastridge Phone (330) 664-2576
City Akron State Ohio Zip 44333
Signature *Paul Johanning* (Print Name) Paul Johanning

PIR 2452: Install approximately 4,518 Linear feet of replacement natural gas pipeline (12-inch diameter, high pressure) mostly along an off-road utility easement.

☐	NSF Checks	Check Box1	\$50.00	\$ _____
☒	Portage County Flood Hazard Development Permit		\$75.00	\$ <u>75.00</u>
☐	Letter of Map Record		\$25.00	\$ _____
☐	Record Certification Letter		\$25.00	\$ _____
☐	Copies \$0.05 page / 1 st five pages free. No. of pages _____ X .05 =			\$ _____

Total Fee Due \$ 75.00

Check# _____ Receipt# _____

Make check payable to: Portage County Treasurer: All fees are non-refundable

Commercial Convenience Check 224

CHERYL P MILLER
1001 DOM ENERGY FLEX
DOMINION ENERGY OHIO
320 SPRINGSIDE DR STE 320
AKRON OH 44333

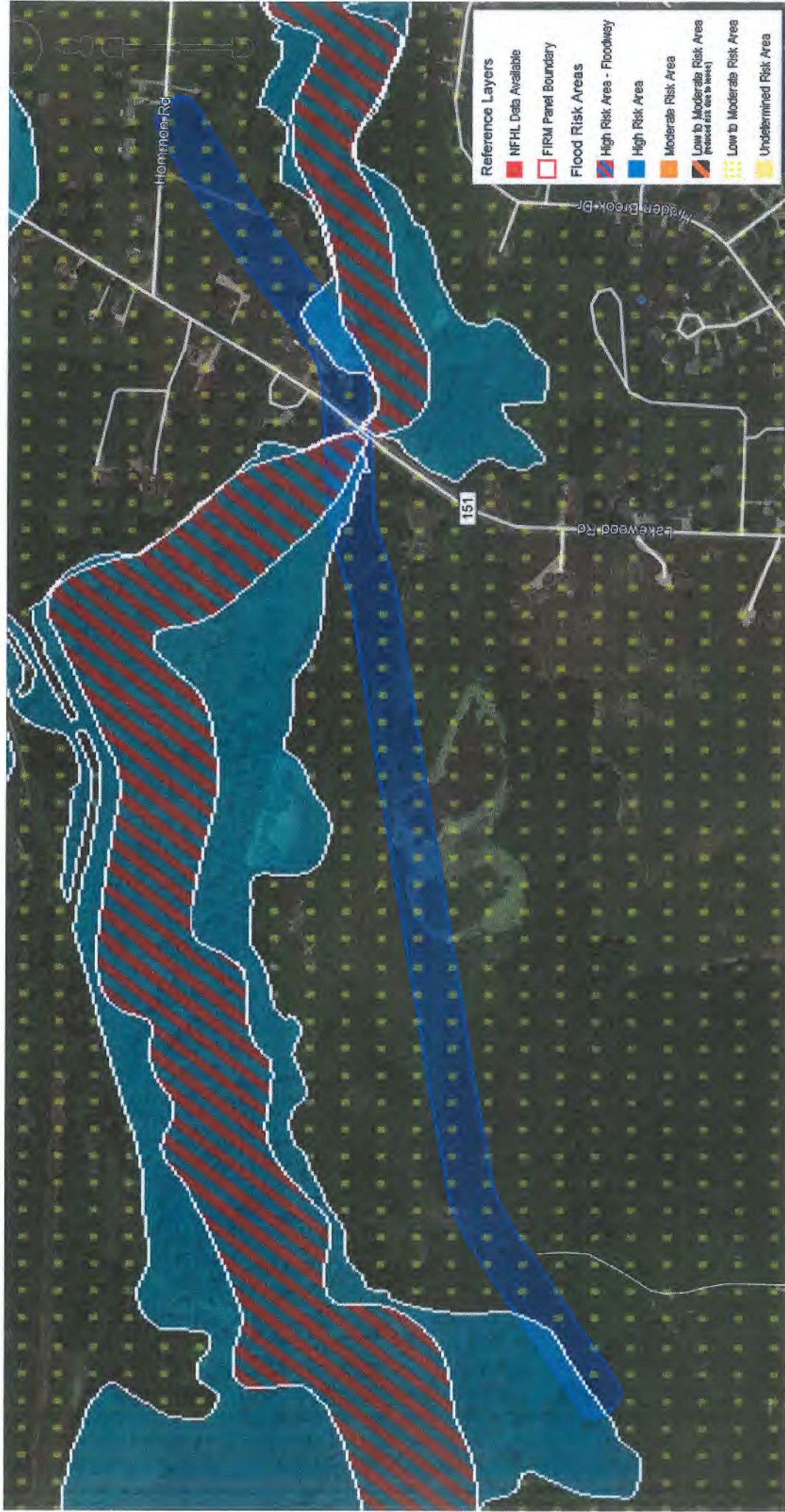
October 22, 2018 68-1/510
Date

Pay to the order of Portage County Treasurer \$ 75.00
Seventy-Five dollars and no cents Dollars

Bank of America  Bank of America, N.A.
Richmond, VA
PIR 2452 Env. permit
MUNO # 6337 3508/5310050

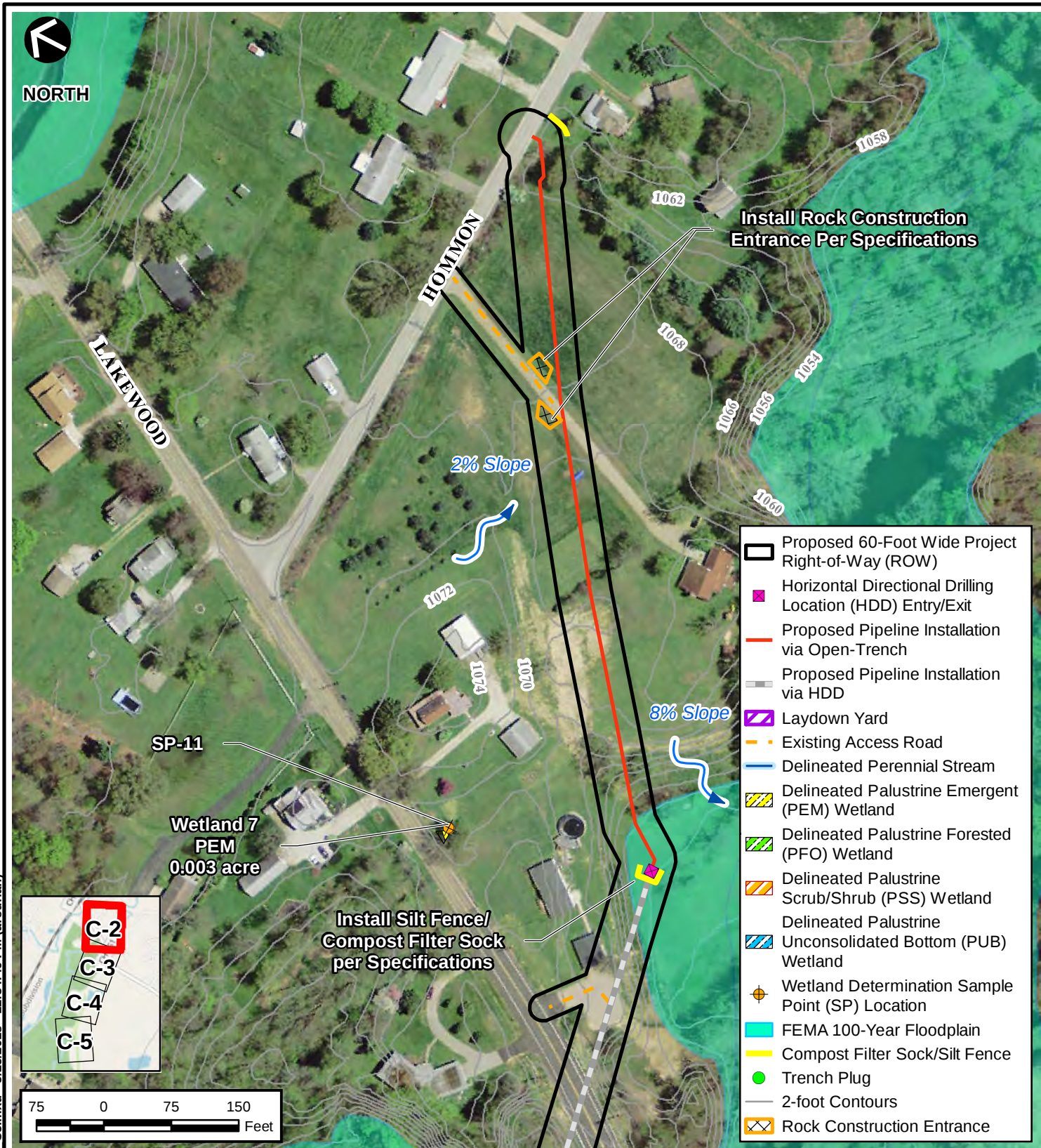
Void after 60 days
For Deposit Only

Cheryl P. Miller MP



The East Ohio Gas Company, d/b/a Dominion Energy Ohio
 PIR 2452 - Lakewood and Hommon
 FEMA Mapping

P:\2016\163-193\GIS\163193 SWPPP C2 C5.mxd - 5/25/2018 - 12:34:49 PM (arodrian)



SOURCES: OHIO STATEWIDE IMAGERY PROGRAM (OSIP) II 1-FOOT PIXEL RESOLUTION 2011 COLOR AERIAL PHOTOGRAPHY OF PORTAGE COUNTY, OHIO. ELEVATION CONTOURS FROM OHIO GEOGRAPHICALLY REFERENCED INFORMATION PROGRAM OF PORTAGE, COUNTY 2011 LIDAR.



Civil & Environmental Consultants, Inc.

5899 Montclair Boulevard - Cincinnati, OH 45150
513-985-0226 - 800-759-5614
www.cecinc.com

THE EAST OHIO GAS COMPANY
PIPELINE INFRASTRUCTURE REPLACEMENT (PIR)
PIR 2452 - LAKEWOOD & HOMMON PROJECT
RAVENNA TOWNSHIP, PORTAGE COUNTY, OHIO

DETAILED EROSION & SEDIMENT
CONTROL LOCATION DRAWINGS

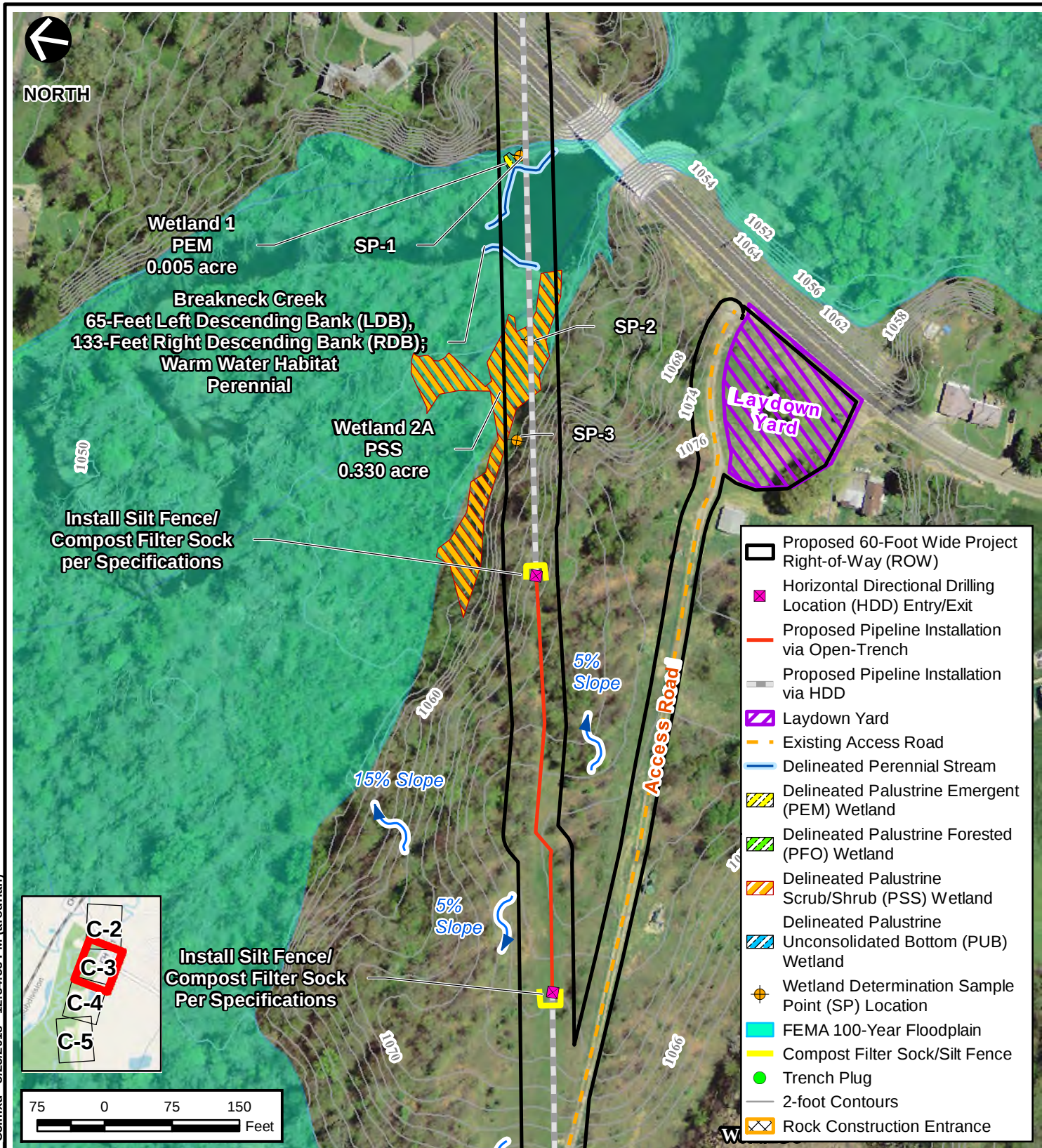
DRAWN BY:	DMG	CHECKED BY:	AJR	APPROVED BY:	JBF*
DATE:	MAY 25, 2018	DWG SCALE:	1" = 150'	PROJECT NO:	163-193

FIGURE NO:

Appendix C-2

Signature on File *

P:\2016\163-193\GIS\163193 SWPPP C2 C5.mxd - 5/25/2018 - 12:34:53 PM (arodrian)



SOURCES: OHIO STATEWIDE IMAGERY PROGRAM (OSIP) II 1-FOOT PIXEL RESOLUTION 2011 COLOR AERIAL PHOTOGRAPHY OF PORTAGE COUNTY, OHIO. ELEVATION CONTOURS FROM OHIO GEOGRAPHICALLY REFERENCED INFORMATION PROGRAM OF PORTAGE, COUNTY 2011 LIDAR.



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RAVENNA TOWNSHIP, PORTAGE COUNTY, OHIO

DETAILED EROSION & SEDIMENT CONTROL LOCATION DRAWINGS

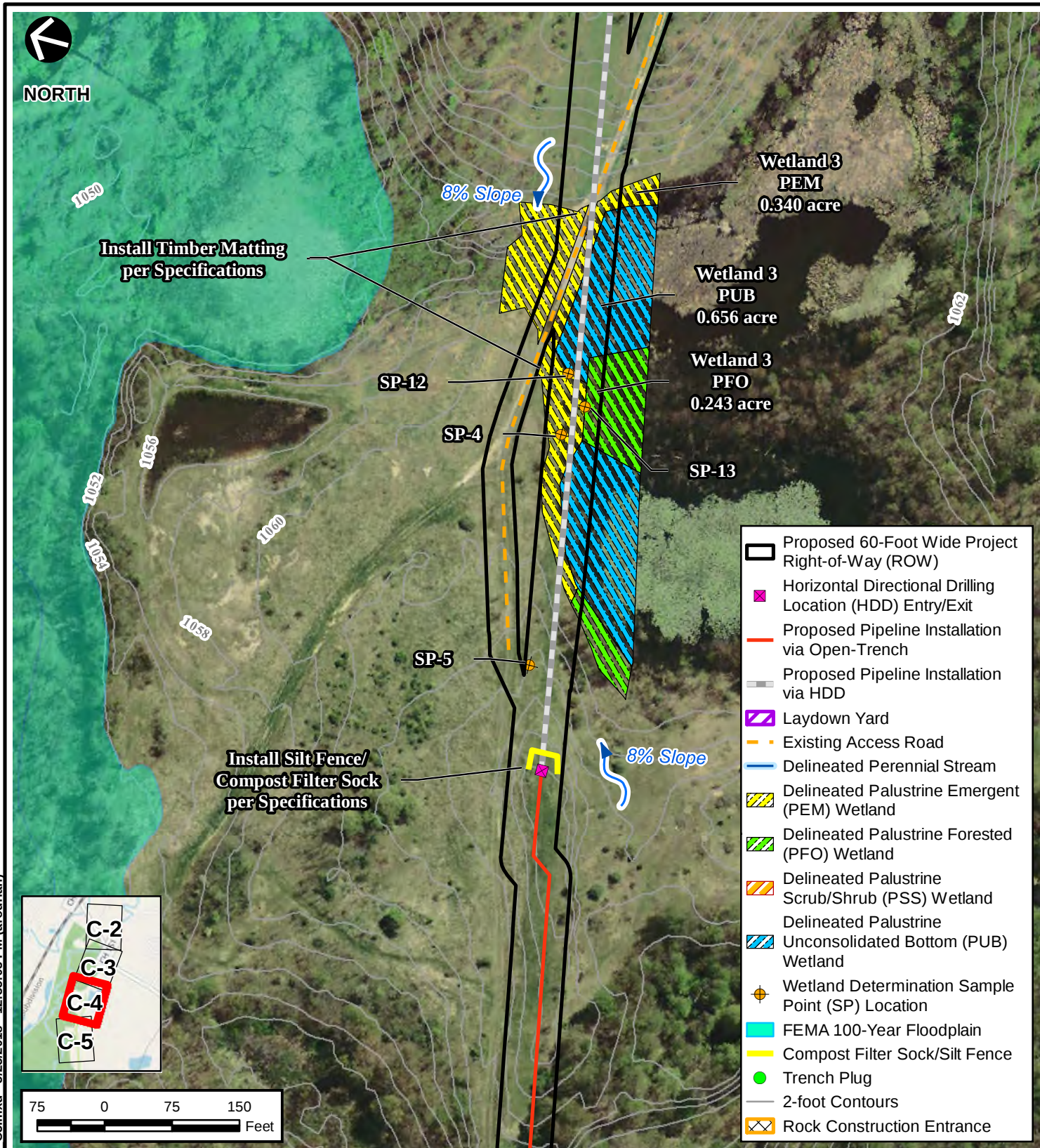
DRAWN BY:	DMG	CHECKED BY:	AJR	APPROVED BY:	JBF*
DATE:	MAY 25, 2018	DWG SCALE:	1" = 150'	PROJECT NO:	163-193

FIGURE NO:

Appendix C-3

Signature on File *

P:\2016\163-193\GIS\163193 SWPPP C2 C5.mxd - 5/25/2018 - 12:35:03 PM (arodrian)



SOURCES: OHIO STATEWIDE IMAGERY PROGRAM (OSIP) II 1-FOOT PIXEL RESOLUTION 2011 COLOR AERIAL PHOTOGRAPHY OF PORTAGE COUNTY, OHIO. ELEVATION CONTOURS FROM OHIO GEOGRAPHICALLY REFERENCED INFORMATION PROGRAM OF PORTAGE, COUNTY 2011 LIDAR.



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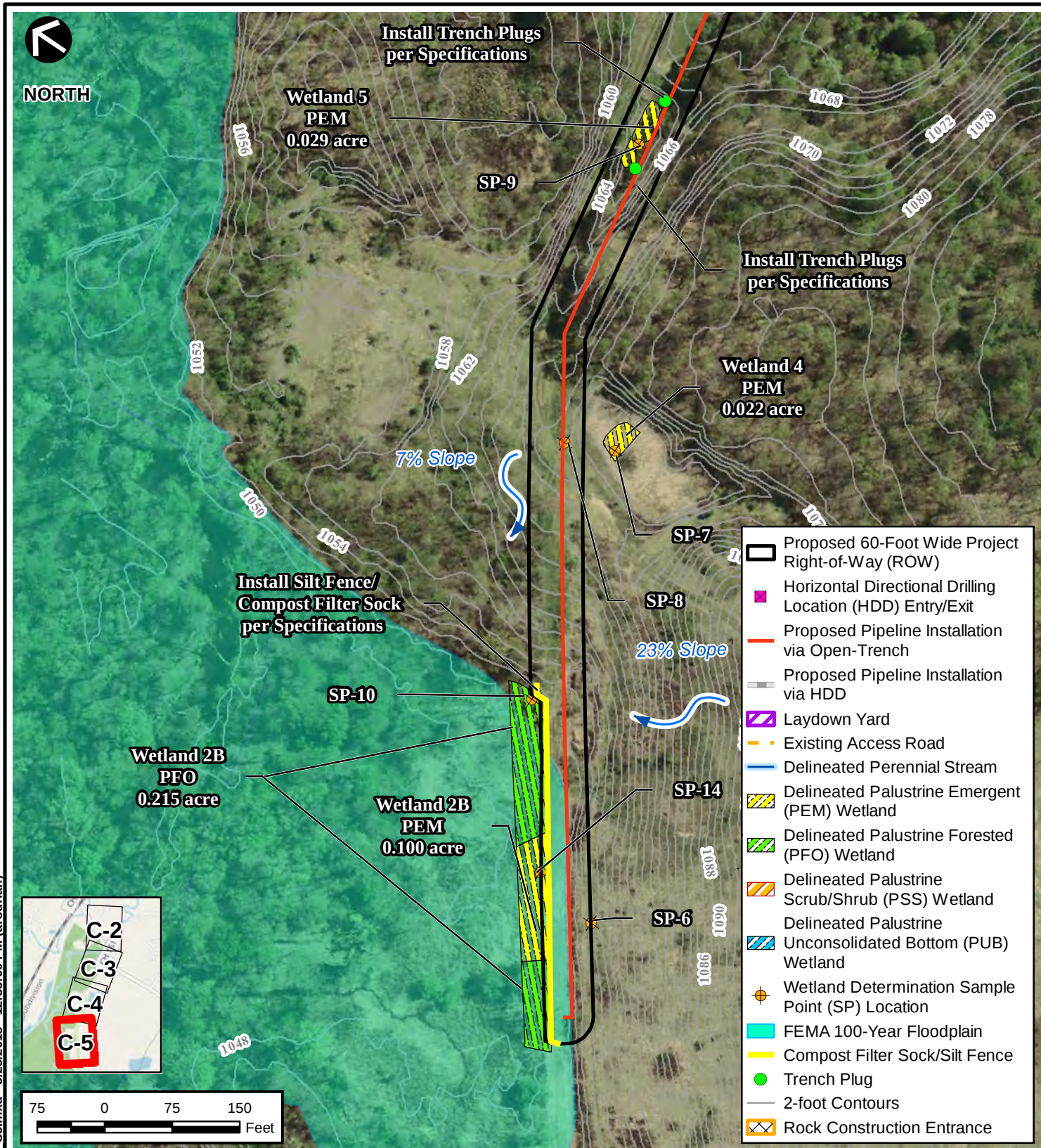
THE EAST OHIO GAS COMPANY
PIPELINE INFRASTRUCTURE REPLACEMENT (PIR)
PIR 2452 - LAKEWOOD & HOMMON PROJECT
RAVENNA TOWNSHIP, PORTAGE COUNTY, OHIO

DETAILED EROSION & SEDIMENT
CONTROL LOCATION DRAWINGS

DRAWN BY:	DMG	CHECKED BY:	AJR	APPROVED BY:	JBF*	FIGURE NO:
DATE:	MAY 25, 2018	DWG SCALE:	1" = 150'	PROJECT NO:	163-193	Appendix C-4

Signature on File *

P:\2016\163-193\GIS\163193 SWPPP C2 C5.mxd - 5/25/2018 - 12:35:09 PM (arodrian)



SOURCES: OHIO STATEWIDE IMAGERY PROGRAM (OSIP) II 1-FOOT PIXEL RESOLUTION 2011 COLOR AERIAL PHOTOGRAPHY OF PORTAGE COUNTY, OHIO. ELEVATION CONTOURS FROM OHIO GEOGRAPHICALLY REFERENCED INFORMATION PROGRAM OF PORTAGE, COUNTY 2011 LIDAR.



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PIR 2452 - LAKEWOOD & HOMMON PROJECT
RAVENNA TOWNSHIP, PORTAGE COUNTY, OHIO

DETAILED EROSION & SEDIMENT CONTROL LOCATION DRAWINGS

DRAWN BY:	DMG	CHECKED BY:	AJR	APPROVED BY:	JBF*	FIGURE NO:
DATE:	MAY 25, 2018	DWG SCALE:	1" = 150'	PROJECT NO:	163-193	Appendix C-5

Signature on File *



LOCATION MAP

GENERAL LEGEND

- GAS VALVE
- COUPLING
- END CAP
- REDUCER
- STOPPER
- FITTING
- SPHERICAL TEE
- EXISTING GAS APPURTENANCE
(TEST POINT, DWP, CURB BOX, ETC.)
- EXISTING GAS FEED/FLOW

SYMBOLS LEGEND

- PROPOSED HIGH PRESSURE GAS LINE
 - EXISTING GAS LINE TO BE ABANDONED
 - EXISTING LOW PRESSURE GAS LINE
 - EXISTING MEDIUM PRESSURE GAS LINE
 - EXISTING INTERMEDIATE PRESSURE GAS LINE
 - EXISTING HIGH PRESSURE GAS LINE
 - EXISTING TRANSMISSION LINE
 - EXISTING GATHERING GAS LINE
 - EXISTING STORAGE LINE
 - EXISTING GAS LINE OTHER/NON-DEO
 - ABANDONED GAS LINE
 - EXISTING UNDERGROUND STEAM
 - EXISTING UNDERGROUND CABLE
 - EXISTING UNDERGROUND TELEPHONE
 - EXISTING UNDERGROUND ELECTRIC
 - EXISTING UNDERGROUND FIBER OPTICS
 - EXISTING SANITARY SEWER
 - EXISTING STORM SEWER
 - EXISTING WATERMAIN
 - RIGHT OF WAY
 - CENTER LINE
 - EXISTING ROAD PAVEMENT
 - EXISTING WALK/DRIE
- 1. CENTER LINE
 - 2. PROPERTY LINE
 - 3. CONSOLIDATED LOTS
 - 4. MONUMENT BOX FOUND
 - 5. DRILL HOLE FOUND
 - 6. DRILL HOLE SET
 - 7. EXISTING FIRE HYDRANT
 - 8. EXISTING STAND PIPE
 - 9. EXISTING WATER VALVE
 - 10. EXISTING GAS VALVE
 - 11. EXISTING AERATION CONTROL VALVE
 - 12. EXISTING CLEAN OUT
 - 13. EXISTING WATER COMP STOP
 - 14. EXISTING GAS METER
 - 15. EXISTING WATER METER
 - 16. EXISTING ELECTRIC METER
 - 17. EXISTING SQUARE INLET BASIN
 - 18. EXISTING YARD BASIN
 - 19. EXISTING ROUND INLET BASIN
 - 20. EXISTING CURB INLET BASIN
 - 21. EXISTING GUTTER INLET BASIN
 - 22. EXISTING MANHOLE
 - 23. EXISTING CABLE MANHOLE
 - 24. EXISTING ELECTRIC MANHOLE
 - 25. EXISTING ELECTRIC HAND HOLE



PIR-2452

**LAKEWOOD ROAD &
HOMMON ROAD
RAVENNA TOWNSHIP
PORTAGE COUNTY, OHIO
SAP P#400186042
MWO# 63373508**

OVERALL HIGH-LEVEL PROJECT SCOPE

(not for use in quantifying)

THIS PROJECT CONSISTS OF REPLACING APPROXIMATELY 4,495 FEET OF EXISTING HP WITH 4,545 FEET OF PROPOSED HP.

PRODUCER FLYNN COMM #1

REFER TO MATERIAL LIST OR BID SHEET(S) FOR ACTUAL QUANTITIES.

CONTACT PROJECT MANAGER FOR QUESTIONS.

HP NOTE: SUMMER
TAKE DOWN ONLY.
COORDINATE WITH
L#2457, SAME
SYSTEM. FED FROM
BOTH DIRECTIONS.

HP NOTE: HP LINE
L#309 IS TO REMAIN
IN SERVICE FOR THE
DURATION OF THE
PROJECT

INDEX OF SHEETS

TITLE SHEET	1
NOTES	2
INDEX	3
PHASING/TAKEDOWN PLAN	3A
PLAN SHEET	4-13
DETAIL SHEETS	14

DOMINION CONTACTS

PROJECT MANAGER:
WENDY FEE - 330-664-2405
TECHNICAL SPECIALIST/ENGINEER:
BRIAN CULEK - 330-664-2479
GAS PLANNING:
JJ DHILLON - 216-736-6845
RADU POPESCU-NOVAC - 216-736-6104
ENVIRONMENTAL:
DAVE FREDLE - 330-703-3603
LAND SERVICES:
TRAVIS CARPENTER - 330-664-2416
GAS MEASUREMENT & REGULATION (GMR):
TROY MARTIN 330-413-4060
TAPPING & STOPPING:
GINA RUNDO - 330-760-7991
CONSTRUCTION & MAINTENANCE (CM):
JOHN TRAPP - 234-208-2187
JULIE CLINGERMAN - 234-208-2182
CORROSION:
AL HUMRICHOUER 330-323-3119
CONTRACTOR INSPECTION:
MIKE JONES 330-372-8335
MUNICIPALITIES:
RAVENNA TOWNSHIP
DARRELL STEPHENS, SUPERINTENDENT (330) 296-5583
IN CASE OF EMERGENCY CALL 9-1-1, THEN:
DOMINION DISPATCH 216-736-6650
DOMINION CUSTOMER SERVICE 800-362-7557
DOMINION CUSTOMER SERVICE (EMD):
DAVE FELLER - 234-208-2183
RYAN MCCOY - 330-718-3401
MATRYAL GREEN - 330-798-7184



DATE	DATE	DATE
DATE	DATE	DATE
DATE	DATE	DATE

Dominion Energy



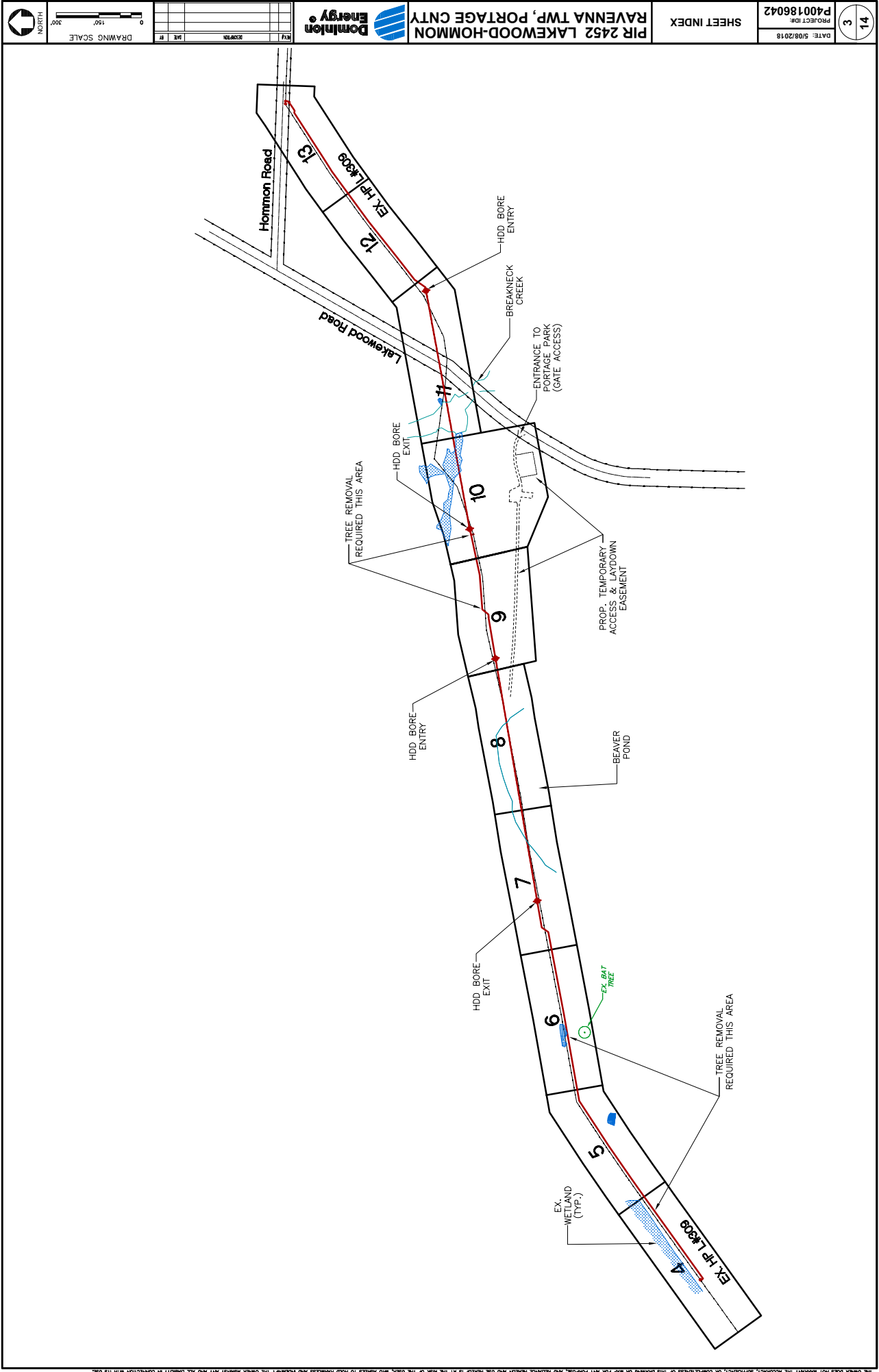
**PIR 2452 LAKEWOOD-HOMMON
RAVENNA TWP, PORTAGE CNTY**

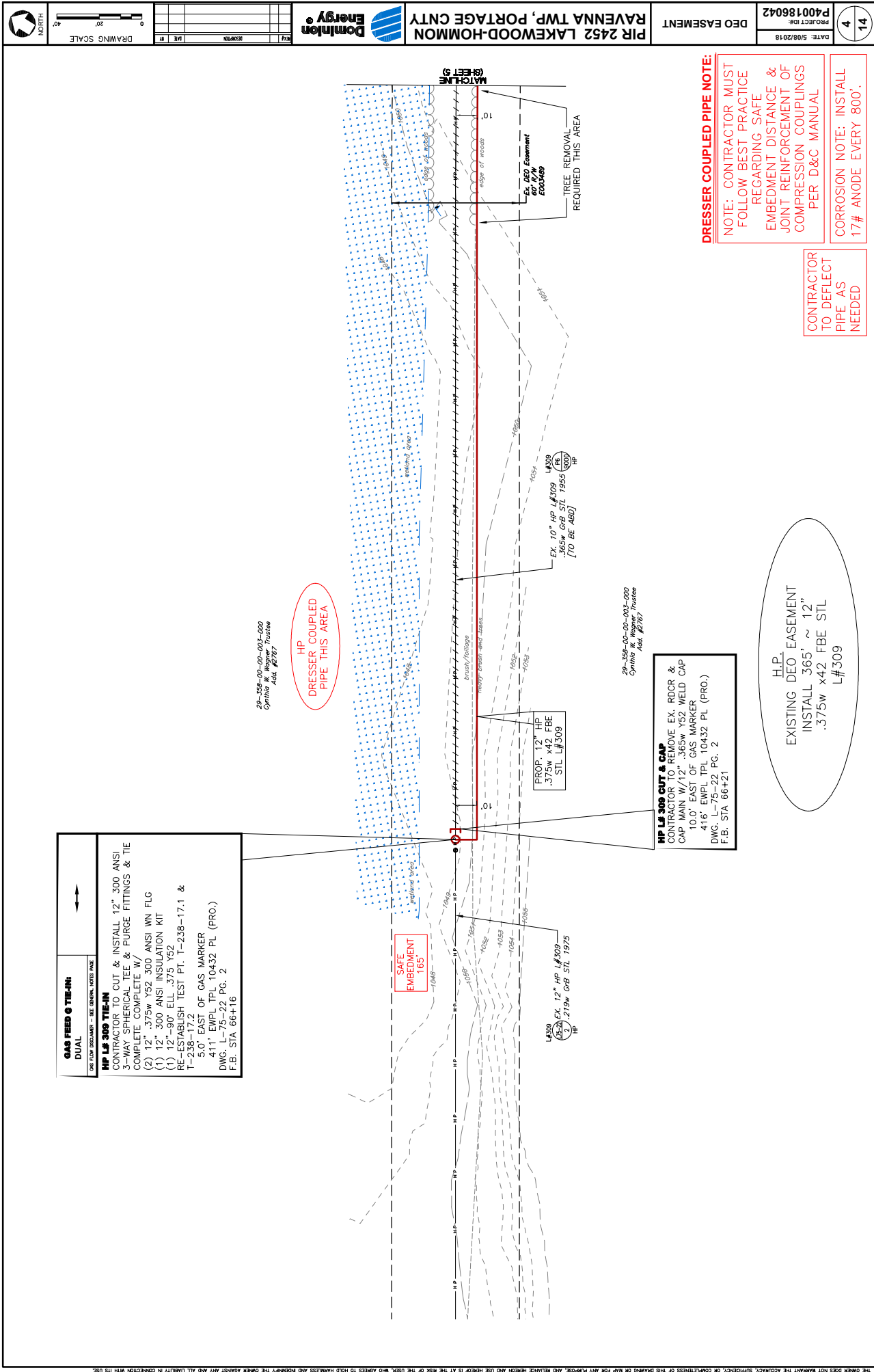
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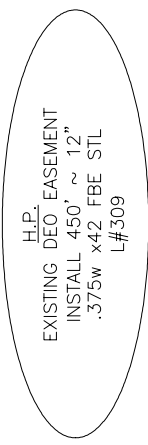
PROJECT ID#	P400186042
DATE	5/08/2018
MUNICIPALITY:	Ravenna Twp Ravenna CSD
TAX DIST:	OH14263
MUNICIPALITY:	
TAX DIST:	
MUNICIPALITY:	
TAX DIST:	
INV. DIV.	950
ZIP CODE:	44266
COORD:	41°8'58.98"N, 81°16'48.96"W
OPERATING AREA:	2A
PCB ZONE:	SEE TABLE
DESIGN CLASS LOCATION:	3
CLASS LOCATION:	3
TEST MEDIUM:	SEE TABLE
TEST PRESSURE:	SEE TABLE
TEST DURATION:	SEE TABLE
O.U.P.S. DESIGN TICKET NO.:	A622800822, A622800845
SPECIFIED MINIMUM YIELD STRENGTH (SMYS):	

1

14







CONTRACTOR
TO DEFLECT
PIPE AS
NEEDED

CORROSION NOTE: INSTALL 17# ANODE EVERY 800'.

CORROSION NOTE: INSTALL 17# ANODE EVERY 800'.



H.P.
EXISTING DEO EASEMENT
INSTALL 500' ~ 12"
.375w x42 FBE STL
L#309

HP
DRESSER COUPLED
PIPE THIS AREA

L#309 EX. 10" HP L#309
P6 .365W GrB STL 1955
9000 HP
[TO BE ABD]

—NOTE: CONCRETE
DEBRIS IN THIS AREA

PROP. 12" HP
.375w x42 FBE
STL L#309

29-354-00-00-003-004
Stone of Lakewood LLC
Add. #5745

29-354-00-00-002-000
Portage Park District
Add. #5795

Ex. DEO Easement
60' R/W
E019991

MATCHLINE
(SHEET 7)

SHEET 5)
ATCHLINE

THE OWNER DOES NOT WARRANT THE ACCURACY, SUFFICIENCY, OR COMPLETENESS OF THIS DRAWING OR MAP FOR ANY PURPOSE, AND RELIANCE HEREON AND USE HEREOF IS AT THE RISK OF THE USER, WHO AGREES TO HOLD HARMLESS AND INDEMNIFY THE OWNER AGAINST ANY AND ALL LIABILITY IN CONNECTION WITH ITS USE.



DRAWING SCALE
0' 20' 40'

REV	DATE	DESCRIPTION
1	05/08/2018	ISSUED FOR PERMIT
2	05/08/2018	REVISED TO ADD BEAVER POND



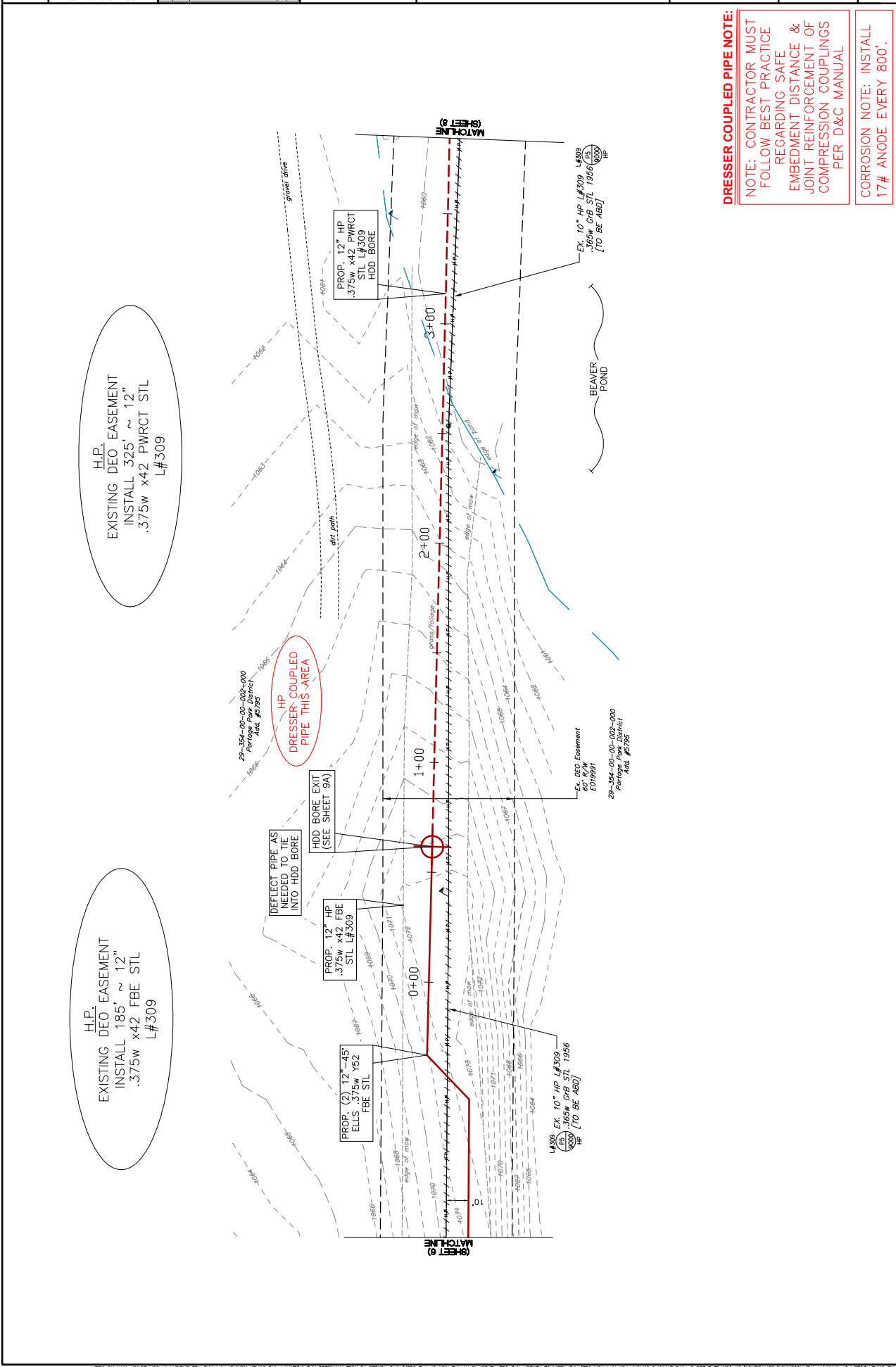
PIR 2452 LAKEWOOD-HOMMON
RAVENNA TWP, PORTAGE CNTY

DEO EASEMENT

PROJECT ID:
P400186042

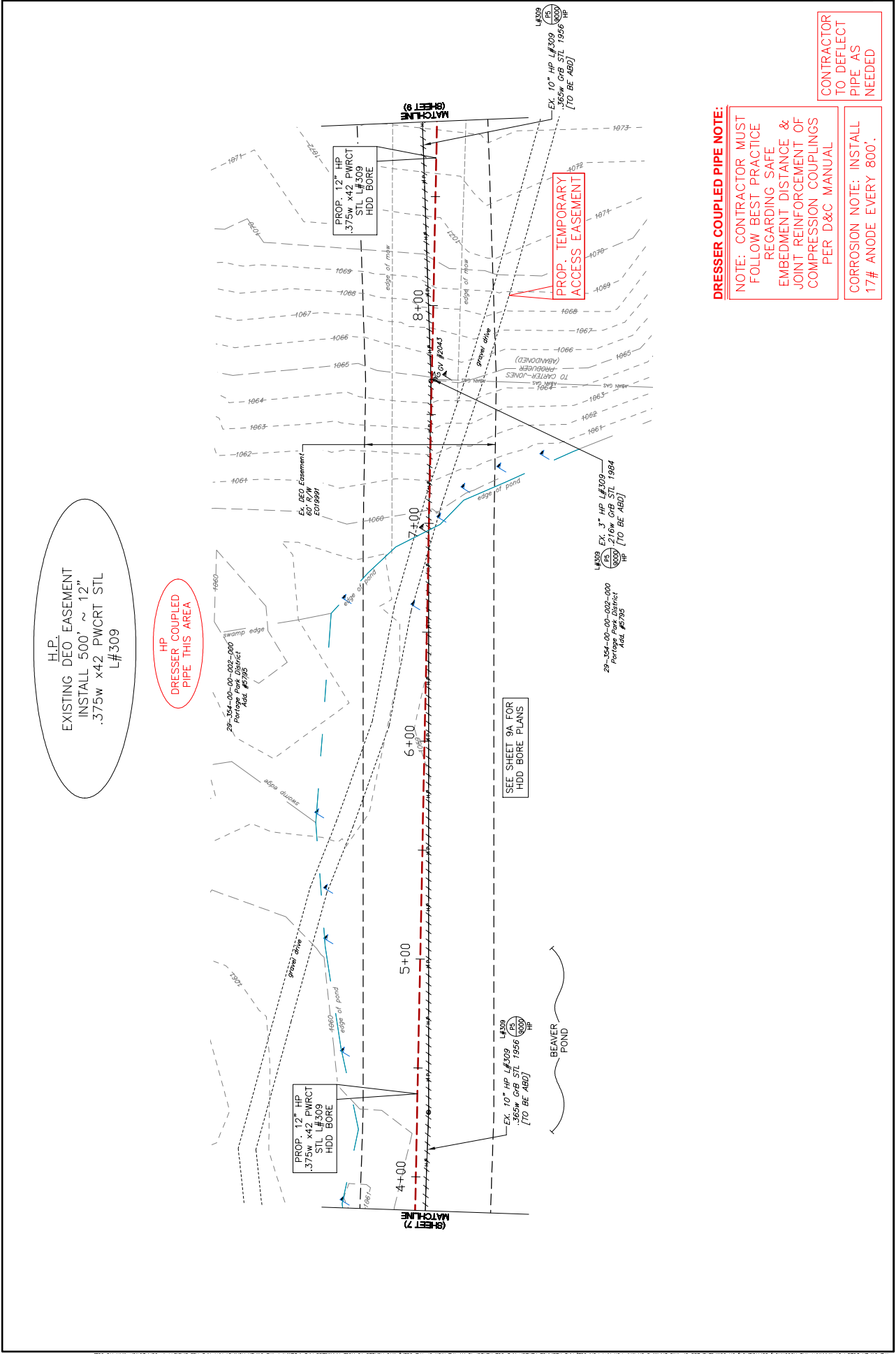
DATE: 5/08/2018

7
14



DRESSER COUPLED PIPE NOTE:
NOTE: CONTRACTOR MUST FOLLOW BEST PRACTICE REGARDING SAFE EMBEDMENT DISTANCE & JOINT REINFORCEMENT OF COMPRESSION COUPLINGS PER D&C MANUAL

CORROSION NOTE: INSTALL 17# ANODE EVERY 800'.



DRESSER COUPLED PIPE NOTE:

NOTE: CONTRACTOR MUST FOLLOW BEST PRACTICE REGARDING SAFE EMBEDMENT DISTANCE & JOINT REINFORCEMENT OF COMPRESSION COUPLINGS PER D&C MANUAL

CONTRACTOR TO DEFLECT PIPE AS NEEDED

CORROSION NOTE: INSTALL 17# ANODE EVERY 800'.



DRAWING SCALE

DATE	BY	CHK	APP

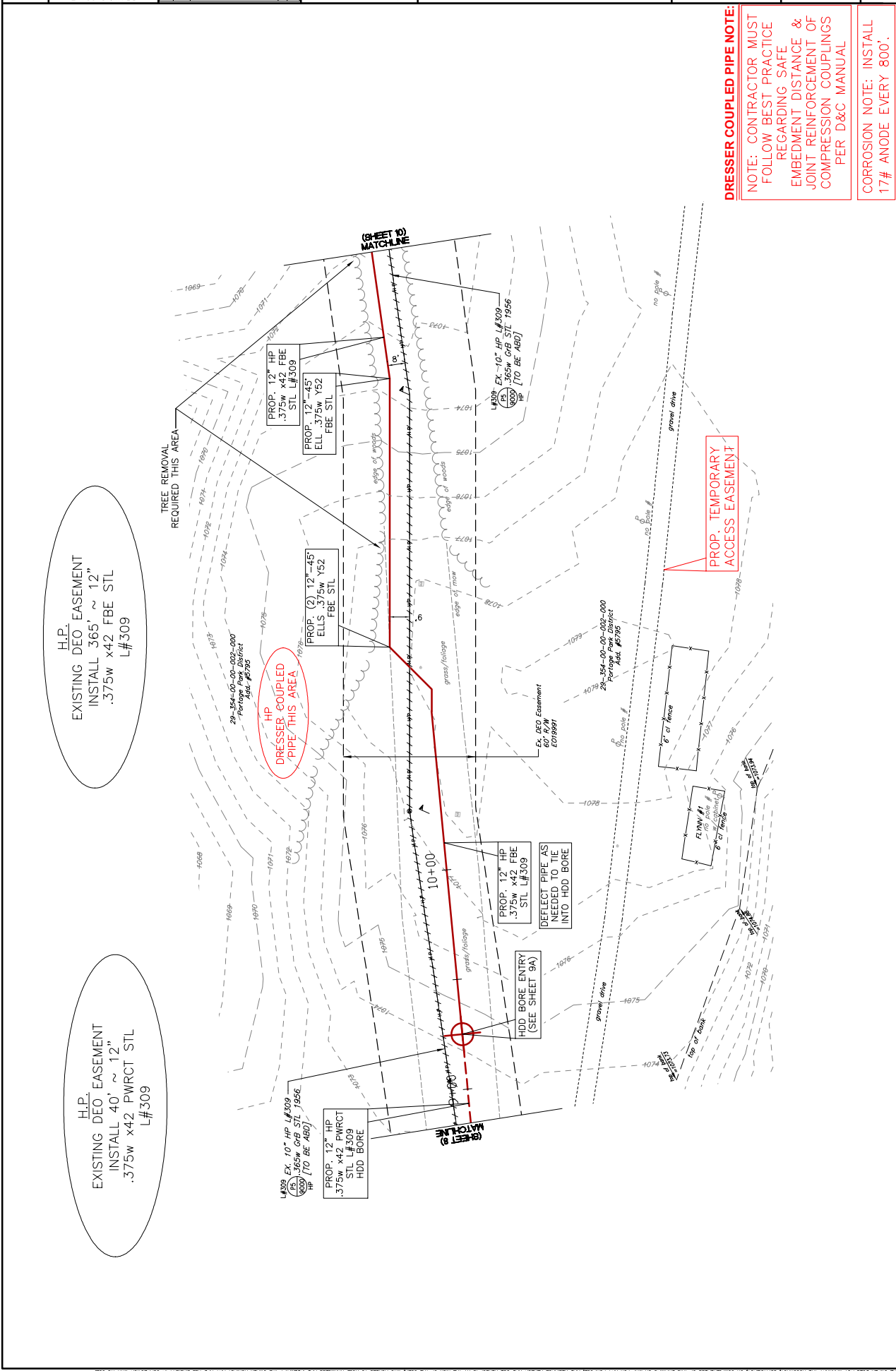


PIR 2452 LAKEWOOD-HOMMON
RAVENNA TWP, PORTAGE CNTY

DEO EASEMENT

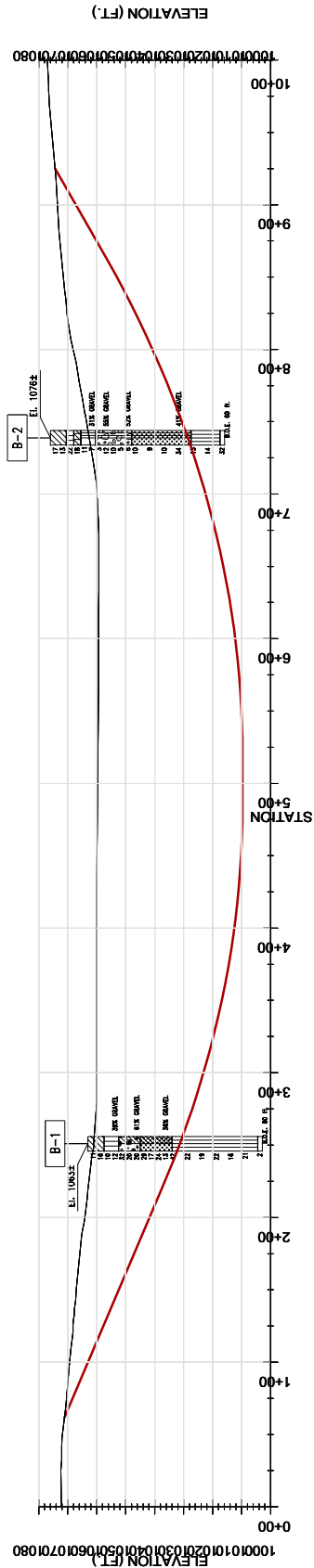
PROJECT ID:
P400186042
DATE: 5/08/2018

9
14

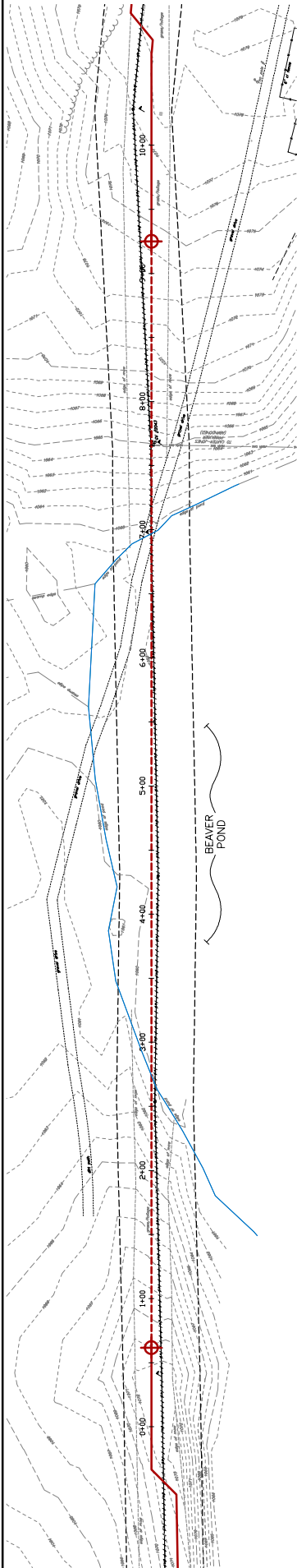


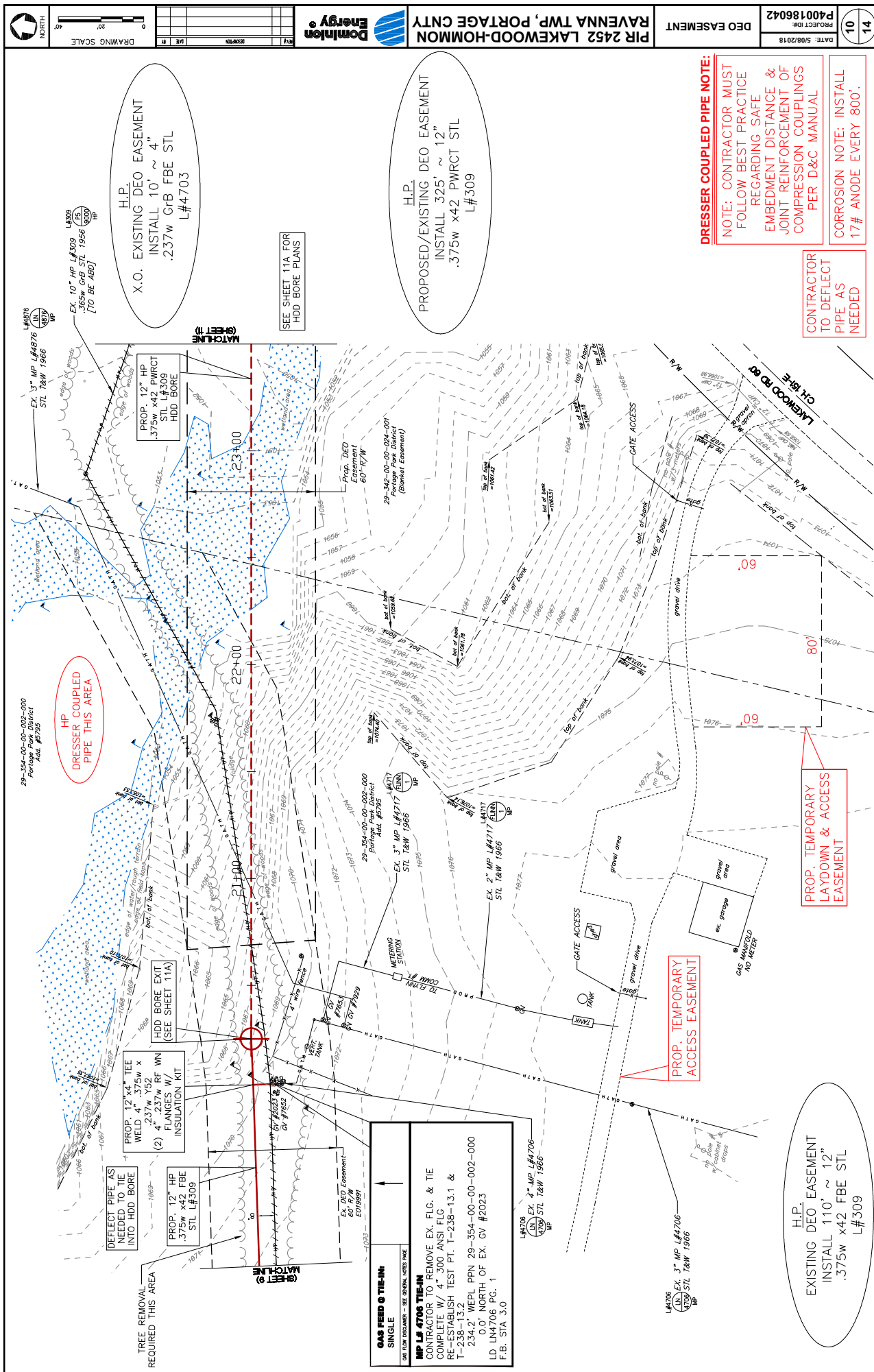
DRESSER COUPLED PIPE NOTE:
NOTE: CONTRACTOR MUST FOLLOW BEST PRACTICE REGARDING SAFE EMBEDMENT DISTANCE & JOINT REINFORCEMENT OF COMPRESSION COUPLINGS PER D&C MANUAL

CORROSION NOTE: INSTALL 17# ANODE EVERY 800'.



NOTE: SEE SHEETS 7-9
FOR ADDITIONAL DESIGN
CALLS AND INFORMATION

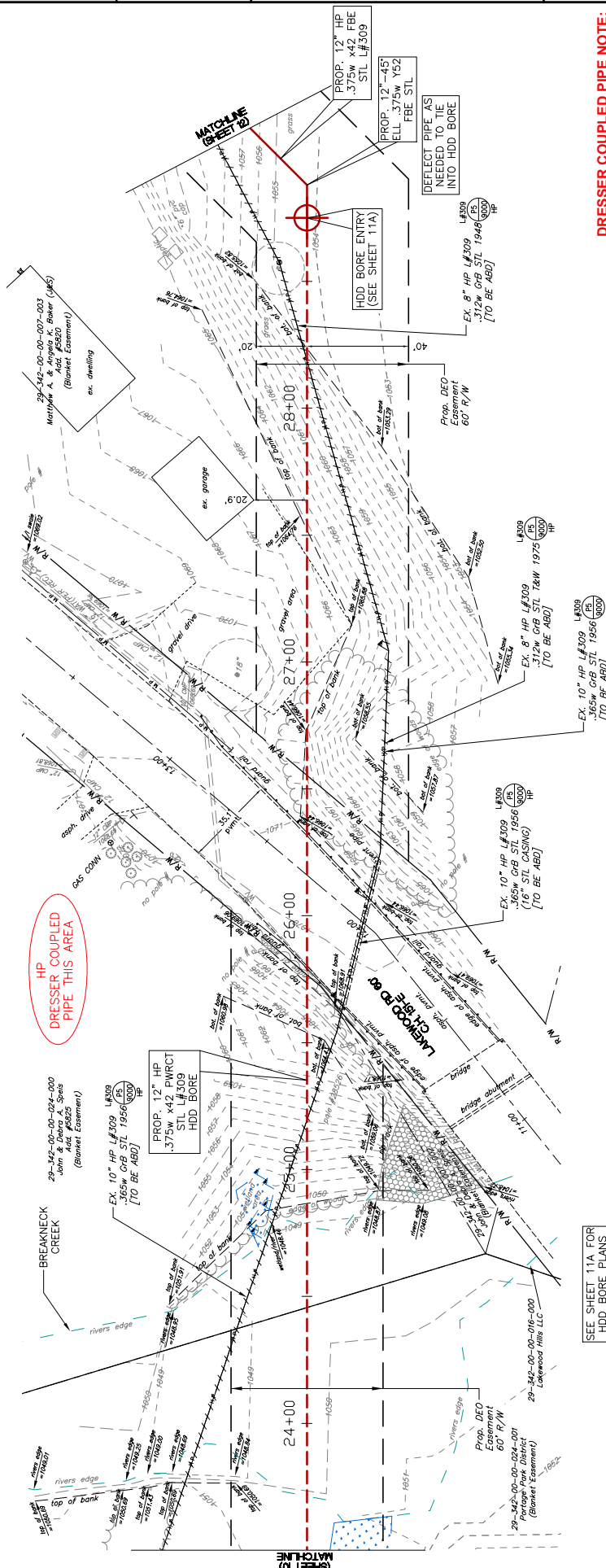




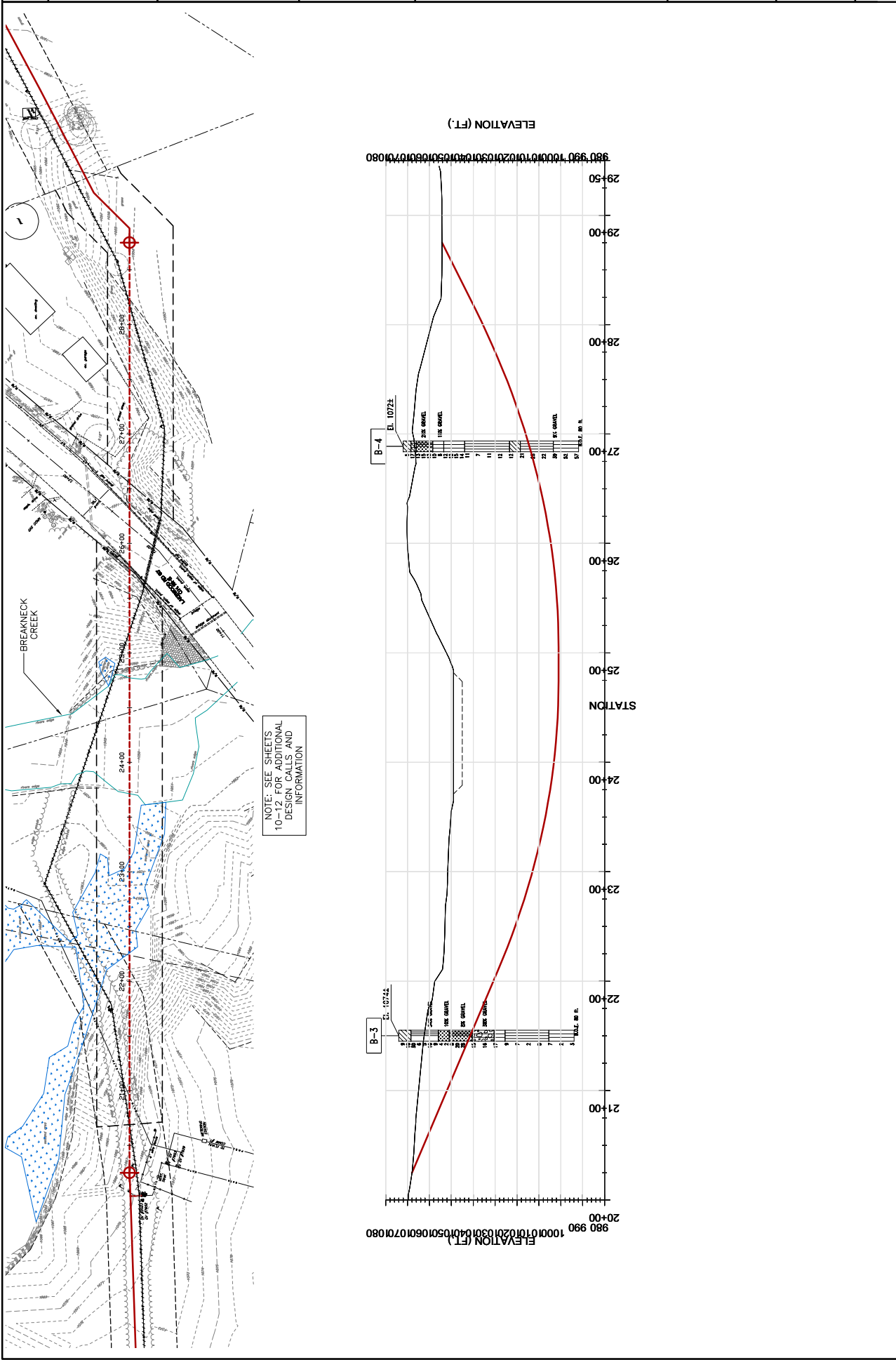
DRESSER COUPLED PIPE NOTE:

CONTRACTOR
TO DEFLECT
PIPE AS
NEEDED

CORROSION NOTE: INSTALL 17# ANODE EVERY 800'.

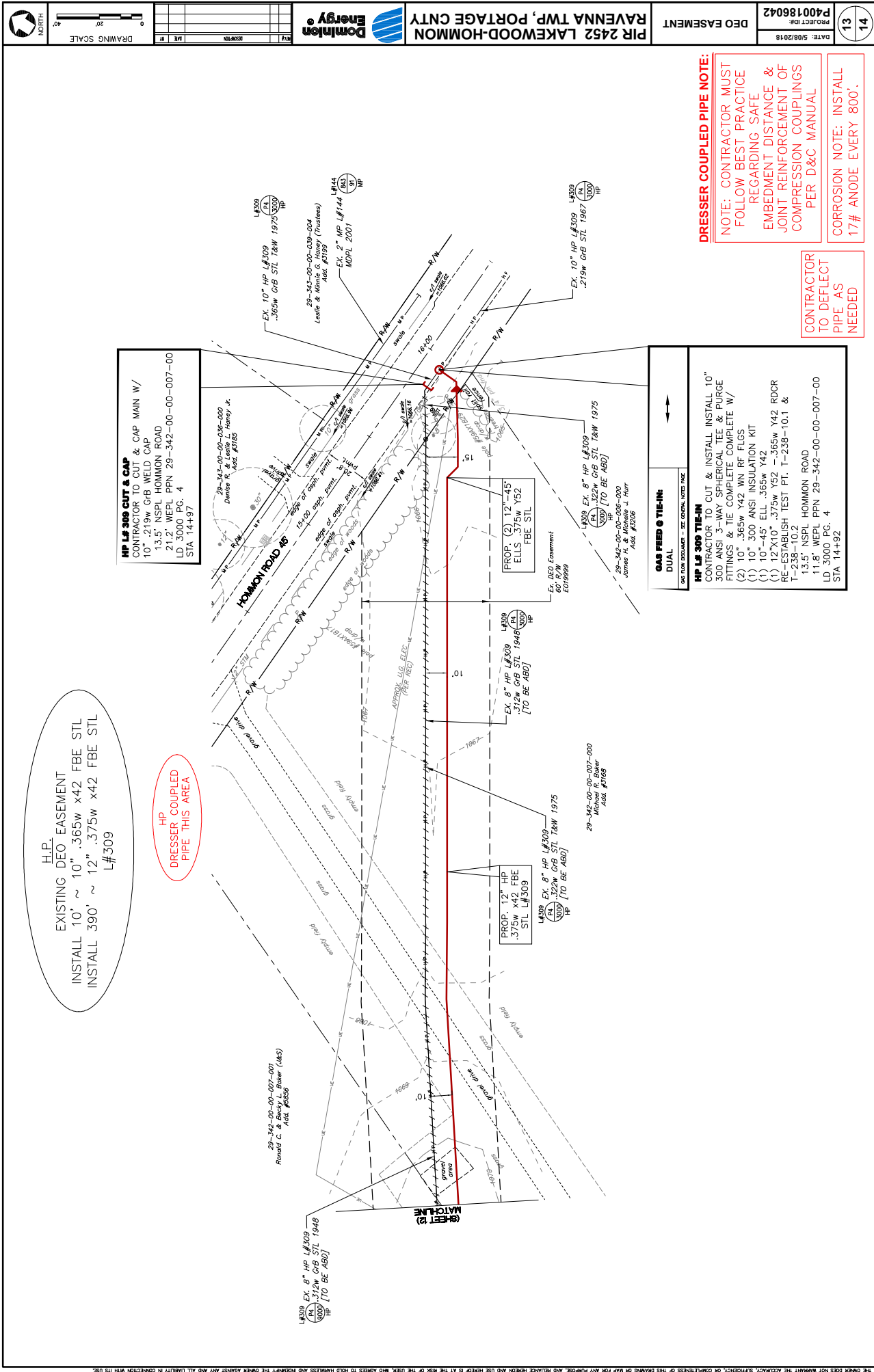


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Source Dwg: N:\LAND DEVELOPMENT\Proj\13700-127 DEO PIR 2452 Lakewood-Ravenna Twp\dwg\13700-127-C4.dwg Date: May 08, 2018: 12:48pm Owner: Lisa Varga



DRESSER COUPLED PIPE NOTE:
NOTE: CONTRACTOR MUST FOLLOW BEST PRACTICE REGARDING SAFE EMBEDMENT DISTANCE & JOINT REINFORCEMENT OF COMPRESSION COUPLINGS PER D&C MANUAL

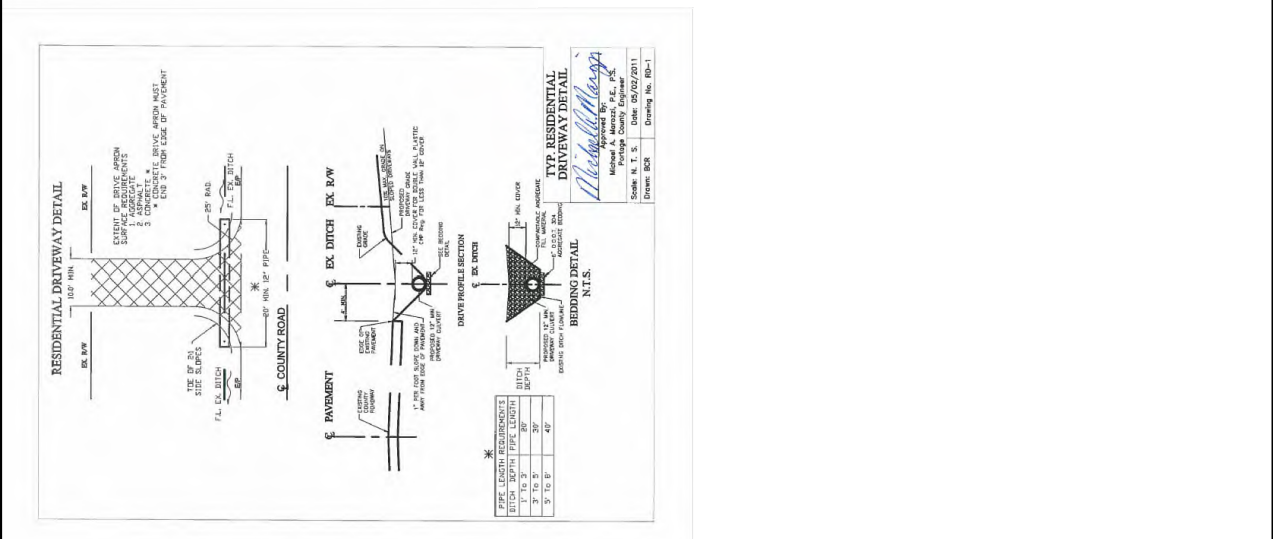
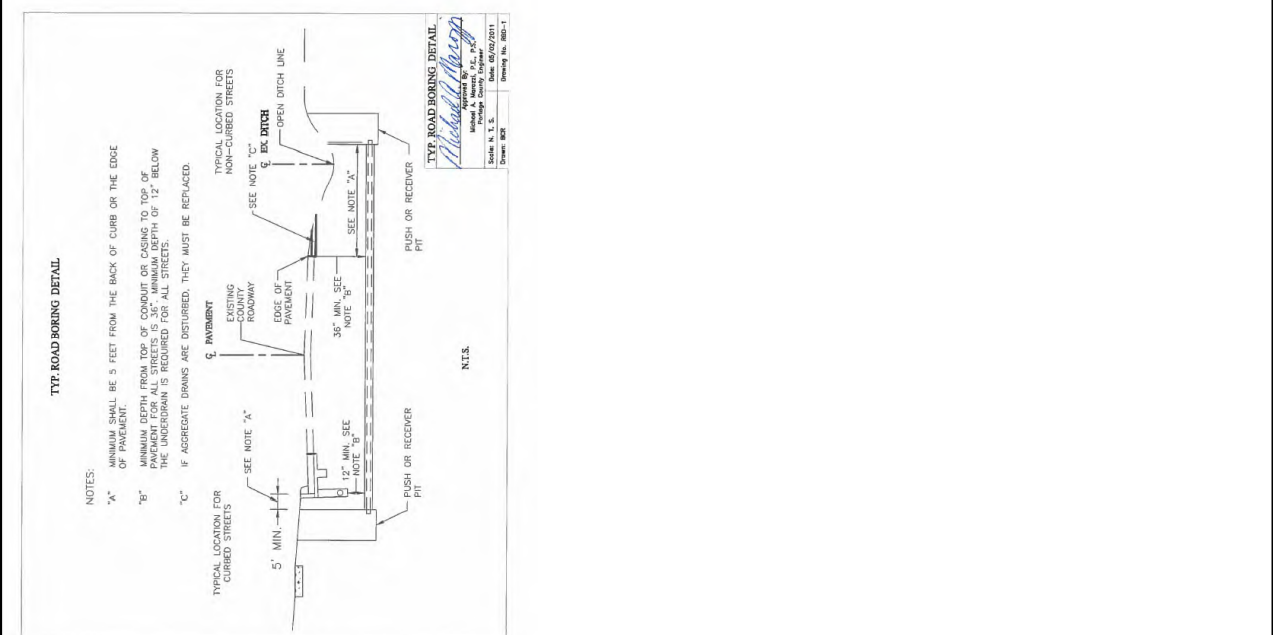
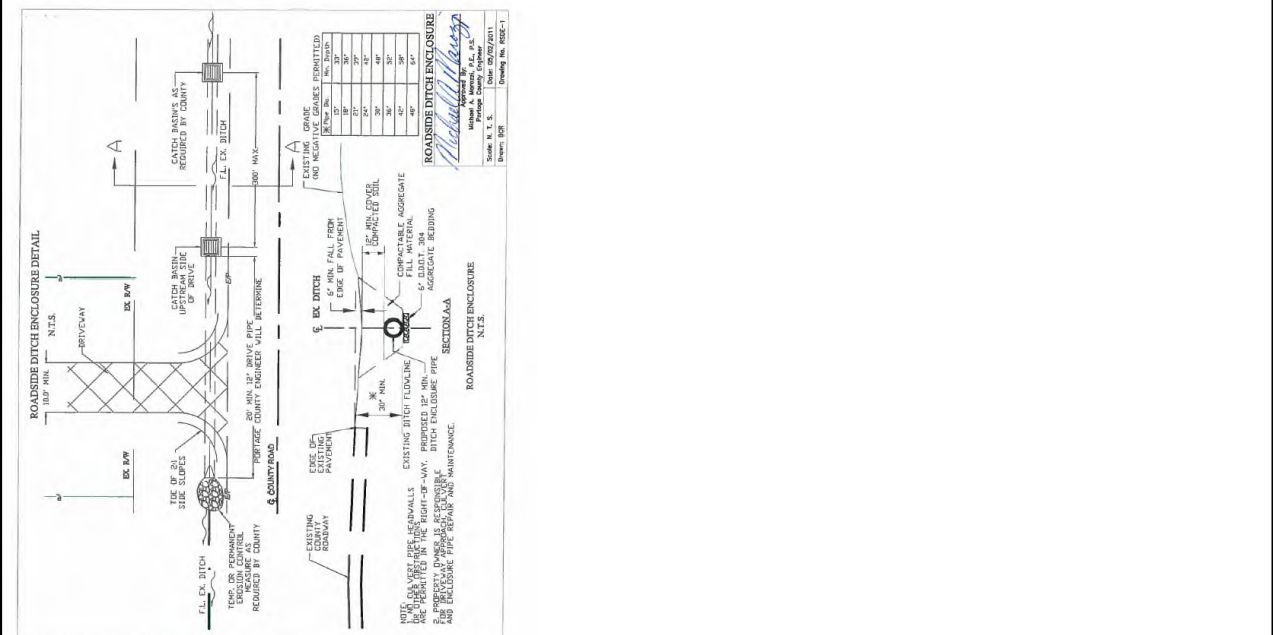
CONTRACTOR TO DEFLECT PIPE AS NEEDED

CORROSION NOTE: INSTALL 17# ANODE EVERY 800'.

GAS FEED & TIE-IN:
DUAL
SEE PLAN DRAWING - SEE GENERAL NOTES PAGE

HP L# 309 CUT & CAP
CONTRACTOR TO CUT & CAP MAIN W/ 10" .219W GFB WELD CAP
13.5' NSPLU HOMMON ROAD
21.2' NEPL PPN 29-342-00-00-007-00
LD 3000 PG. 4
STA 14+97

HP L# 309 TIE-IN
CONTRACTOR TO CUT & INSTALL 10" 300 ANSI 3-WAY SPHERICAL TEE & PURGE FITTINGS & TIE COMPLETE COMPLETE W/ (2) 10" .365W Y42 WIN RF FLGS
(1) 10" 300 ANSI INSULATION KIT
(1) 10"-45" ELL .365W Y42
(1) 12'X10" .375W Y52 - .365W Y42 RDR RE-ESTABLISH TEST PT. 1-238-10.1 & 1-238-10.2
13.5' NSPLU HOMMON ROAD
21.2' NEPL PPN 29-342-00-00-007-00
LD 3000 PG. 4
STA 14+92



Board of Commissioners

Vicki A. Kline
 Sabrina Christian-Bennett
 Mike Kerrigan

Portage County Building Department
 Floodplain Administration

Charles Corcoran – Director **PORTAGE COUNTY FLOOD PLAIN ADMINISTRATION**

January 18, 2019

Dominion Energy
 320 Springside Drive, Suite 320
 Akron, Ohio 44333

Project: Pipe line infrastructure replacement (PIR) #2452 Lakewood and Hommon - Installation of 4,518 feet of 12 inch diameter, high pressure natural gas line
 Ravenna Township, Portage County, Ohio
 PPN - Numerous parcels

PE Number: FP-R2

The Portage County Flood Plain Administrator has reviewed the submitted drawings and specifications of the subject project and advises that the project has been . . .

CONDITIONAL APPROVAL

Conditional approval of installation of 4,518 feet of 12-inch diameter, high pressure natural gas line crossing (under) the FEMA defined flood plain & flood way (Zone AE) is granted.

The items which remain as part of the attached review comments, may not be constructed, erected, or installed; until such time that they have been resubmitted, reviewed and receive written approval.

 Acronym: SPFDRRPC = SPECIAL PURPOSE FLOOD DAMAGE REDUCTION REGULATIONS, PORTAGE COUNTY, OHIO

Review #2 – January 18, 2019 – Resubmitted January 12, 2019

Review #1 – December 10, 2018 – Submitted November 13, 2018.

cjc

cjc

 Designer: NA
 FEMA FIRM Panel # & Zone 39133C0142D; Zone: AE & 39133C0144D; Zone: AE
 Permanent Parcel Number:

Comment: See below
 Variance: None to date

***** Conditions

- 1) Submitted drawings do NOT define/show the FEMA established flood plain and the flood way on the construction documents (drawings 1/14 thru 14/14). Please clearly indicate the FEMA established flood plain and the flood way on the construction document including the elevations of said FEMA established

Portage County – Flood Plain Administration
 PIR #2452 Lakewood and Hommon
 Ravenna Township, Portage County, Ohio
 PPN - Numerous parcels
 Review #2 – January 18, 2019 - Page 1 of 3



flood plain and the flood way. Provide flood way elevations on the drawings. Flood plain and flood way information can be found at:
<https://msc.fema.gov/portal/search?AddressQuery=4154%20ruth%20dr%2C%20rootstown%2C%20ohio%20#searchresultsanchor>

- a. 01/18/19 - Acceptable
- 2) Please complete and return to the Portage County Building Department the completed Special Flood Hazard Development permit application form with applicable fees due (as marked).
 - a. 01/18/19 - Acceptable
- 3) A pre-construction flood plain inspection (prior to starting of work in the flood plain and the flood way) and post construction (after work is complete/restored) inspections are required. Please call 330-297-3530 to schedule the applicable inspections.
- 4) All vegetation, stream embankments, erosion control, etc. are required to be returned are to original condition and grade.

Directions for Resubmission

Resubmissions must include 4 sets of drawings (signed and sealed by the author), including 4 sets of any technical documents or support materials, and should indicate the revision number, be dated and all revisions, changes and/or additions "bubbled/clouded" on the drawings. Review comments must be answered in letter form to expedite the next review. Include the Portage County PE # as indicated on page #1 of this document.

Directions for Appeals Process

You have the right to appeal any or all of the above items, pursuant to Section 5 of the SPFDRRPC. To request an appeal hearing before the Portage County Board of Residential Building & Flood Plain Appeals; within 30 days of the date of this Order, you must complete and submit the formal "Portage County Request for an Appeal" application, including application fee to our office. This form is available at our office or on-line at (www.co.portage.oh.us/buildinginspections.htm) and will enable you to define the items being appealed as well as the specific relief sought.

Portage County Board of Residential Building and Flood Plain Appeals
449 South Meridian Street
Ravenna, Ohio 44266
(330) 297-3530
Michelle Conner, Appeals Board Secretary

Your written request shall include the items from the adjudication order being appealed, the reasons for the appeal and the relief sought. A copy of the formal Portage County Adjudication Order shall be attached to your request. At the appeal hearing you have the right to be represented by counsel. You may present arguments orally or in writing. You may also present evidence and examine witnesses.

Validity of Approval

Validity of approval. The construction, erection, and alteration of a building, and any addition thereto, and the equipment and maintenance thereof, shall conform to required plans which have been approved by the Flood Plain Administrator.

Expiration. The approval of plans or drawings and specifications or data in accordance with this rule is invalid if construction, erection, alteration, or other work upon the building has not commenced within twelve months of the approval of the plans or drawings and specifications.

Extension. If, in the course of construction, work is delayed or suspended for more than six months, the approval of plans or drawings and specifications or data is invalid.

Advisory

Please be advised that there may be other submittals, reviews, permits, etc required by other agencies, departments, etc that are outside the scope and authority of this department

Permits and Inspections

Permits May Be Issued For:

Flood Plain	Yes
-------------	-----

Inspections required :

	<u>Pre-constuction</u>	<u>Post Consturction</u>
Flood Plain Permit	Yes	Yes

If you have any questions, please feel free to contact our office.

Sincerely,



Charles Corcoran, RA, CBO, MPE, RBO
Director / Building Official
Flood Plain Administrator

cc: File

**CASE No. 19-714-GA-BNR
PIR 3368 LAKEWOOD ROAD EAST
RAVENNA TOWNSHIP, PORTAGE COUNTY, OHIO
PIPELINE REPLACEMENT PROJECT**

ATTACHMENT H

**U.S. FISH & WILDLIFE SERVICE
COORDINATION CORRESPONDENCE**



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ohio Ecological Services Field Office

4625 Morse Road, Suite 104

Columbus, OH 43230-8355

Phone: (614) 416-8993 Fax: (614) 416-8994



In Reply Refer To:

August 09, 2017

Consultation Code: 03E15000-2017-SLI-1669

Event Code: 03E15000-2017-E-01558

Project Name: PIR 2452

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the

human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see <http://www.fws.gov/migratorybirds/RegulationsandPolicies.html>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/BirdHazards.html>.

In addition to MBTA and BGEPA, Executive Order 13186: Responsibilities of Federal Agencies to Protect Migratory Birds, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <http://www.fws.gov/migratorybirds/AboutUS.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project

planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Ohio Ecological Services Field Office

4625 Morse Road, Suite 104

Columbus, OH 43230-8355

(614) 416-8993

Project Summary

Consultation Code: 03E15000-2017-SLI-1669

Event Code: 03E15000-2017-E-01558

Project Name: PIR 2452

Project Type: OIL OR GAS

Project Description: Pipeline Infrastructure Replacement Lakewood & Hommon

Project Location:

Approximate location of the project can be viewed in Google Maps:

<https://www.google.com/maps/place/41.14827423371452N81.28535715943573W>



Counties: Portage, OH

Endangered Species Act Species

There is a total of 4 threatened, endangered, or candidate species on this species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 1 of these species should be considered only under certain conditions. See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

Mammals

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is a final critical habitat designated for this species. Your location is outside the designated critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. This species only needs to be considered under the following conditions: Incidental take of the northern long-eared bat is not prohibited at this location. Federal action agencies may conclude consultation using the streamlined process described at https://www.fws.gov/midwest/endangered/mammals/nleb/s7.html Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Insects

NAME	STATUS
Mitchell's Satyr Butterfly <i>Neonympha mitchellii mitchellii</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8062	Endangered

Flowering Plants

NAME	STATUS
Northern Wild Monkshood <i>Aconitum noveboracense</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1450	Threatened

Critical habitats

There are no critical habitats within your project area under this office's jurisdiction.

From: [Gregory K Eastridge](#)
To: [Ohio, FW3](#)
Subject: Protected Species Coordination: PIR 2452- Lakewood and Hommon
Date: Tuesday, September 18, 2018 9:24:29 AM
Attachments: [image001.jpg](#)

Good morning,

The East Ohio Gas Company, d/b/a Dominion Energy Ohio (DEO), is proposing to install approximately 4,525 feet of replacement natural gas pipeline under the Pipeline Infrastructure Replacement (PIR) Program. The PIR 2452 – Lakewood and Hommon project is located in Ravenna Township, Portage County.

This projects lies in the Ohio Land Subdivision Township of Ravenna Township. The latitude and longitude coordinates for PIR 2452 – Lakewood and Hommon are as follows:

Southwest extent: 41.146174, -81.293700
Extends Northeast to: 41.150245, -81.278216

The project will avoid nearly all onsite wetland areas and will avoid impacts to Breakneck Creek. A small, 0.03 acre, emergent wetland will be disturbed by construction activities. Construction is currently anticipated to start in January 2019.

Please provide a response indicating any adverse effect to protected species.

Thank you,

Greg

Gregory K. Eastridge

Environmental Specialist III

Dominion Energy Environment and Sustainability

320 Springside Drive, Suite 320

Akron, Ohio 44333

PH: (330) 664-2576

Cell: (330) 571-7855

Fax: (330) 664-2669

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message in error, and delete it. Thank you.

From: susan_zimmermann@fws.gov [mailto:susan_zimmermann@fws.gov] **On Behalf Of** Ohio, FW3
Sent: Tuesday, October 16, 2018 9:27 AM
To: Gregory K Eastridge (Services - 6)
Cc: nathan.reardon@dnr.state.oh.us; kate.parsons@dnr.state.oh.us
Subject: [External] EOG PIR 2452 Pipeline replacement, Lakewood & Homman, Portage Co.



UNITED STATES DEPARTMENT OF THE INTERIOR
 U.S. Fish and Wildlife Service
 Ecological Services Office
 4625 Morse Road, Suite 104
 Columbus, Ohio 43230
 (614) 416-8993 / Fax (614) 416-8994



TAILS# 03E15000-2019-TA-0113

Dear Mr. Eastridge,

We have received your recent correspondence requesting information about the subject proposal. There are no federal wilderness areas, wildlife refuges or designated critical habitat within the vicinity of the project area. The following comments and recommendations will assist you in fulfilling the requirements for consultation under section 7 of the Endangered Species Act of 1973, as amended (ESA).

The U.S. Fish and Wildlife Service (Service) recommends that proposed developments avoid and minimize water quality impacts and impacts to high quality fish and wildlife habitat (e.g., forests, streams, wetlands). Additionally, natural buffers around streams and wetlands should be preserved to enhance beneficial functions. If streams or wetlands will be impacted, the Corps of Engineers should be contacted to determine whether a Clean Water Act section 404 permit is required. Best management practices should be used to minimize erosion, especially on slopes. All disturbed areas should be mulched and revegetated with native plant species. Prevention of non-native, invasive plant establishment is critical in maintaining high quality habitats.

FEDERALLY LISTED SPECIES COMMENTS: All projects in the State of Ohio lie within the range of the federally endangered **Indiana bat** (*Myotis sodalis*) and the federally threatened **northern long-eared bat** (*Myotis septentrionalis*). In Ohio, presence of the Indiana bat and northern long-eared bat is assumed wherever suitable habitat occurs unless a presence/absence survey has been performed to document absence. Suitable summer habitat for Indiana bats and northern long-eared bats consists of a wide variety of forested/wooded habitats where they roost, forage, and travel and may also include some adjacent and interspersed non-forested habitats such as emergent wetlands and adjacent edges of agricultural fields, old fields and pastures. This includes forests and woodlots containing potential roosts (i.e., live trees and/or snags ≥ 3 inches diameter at breast height (dbh) that have any exfoliating bark, cracks, crevices, hollows and/or cavities), as well as linear features such as fencerows, riparian forests, and other wooded corridors. These wooded areas may be dense or loose aggregates of trees with variable amounts of canopy closure. Individual trees may be considered suitable habitat when they exhibit the characteristics of a potential roost tree and are located within 1,000 feet (305 meters) of other forested/wooded habitat. Northern long-eared bats have also been observed roosting in human-made structures, such as buildings, barns, bridges, and bat houses; therefore, these structures

should also be considered potential summer habitat. In the winter, Indiana bats and northern long-eared bats hibernate in caves and abandoned mines.

Should the proposed site contain trees ≥ 3 inches dbh, we recommend that trees be saved wherever possible. If any caves or abandoned mines may be disturbed, further coordination with this office is requested to determine if fall or spring portal surveys are warranted. If no caves or abandoned mines are present and trees ≥ 3 inches dbh cannot be avoided, we recommend that removal of any trees ≥ 3 inches dbh only occur between October 1 and March 31. Seasonal clearing is being recommended to avoid adverse effects to Indiana bats and northern long-eared bats. While incidental take of northern long-eared bats from most tree clearing is exempted by a 4(d) rule (see <http://www.fws.gov/midwest/endangered/mammals/nleb/index.html>), incidental take of Indiana bats is still prohibited without a project-specific exemption. Thus, seasonal clearing is recommended where Indiana bats are assumed present.

If implementation of this seasonal tree cutting recommendation is not possible, summer surveys may be conducted to document the presence or probable absence of Indiana bats within the project area during the summer. If a summer survey documents probable absence of Indiana bats, the 4(d) rule for the northern long-eared bat could be applied. Surveys must be conducted by an approved surveyor and be designed and conducted in coordination with the Endangered Species Coordinator for this office. Surveyors must have a valid federal permit. Please note that summer surveys may only be conducted between June 1 and August 15.

If there is a federal nexus for the project (e.g., federal funding provided, federal permits required to construct), no tree clearing should occur on any portion of the project area until consultation under section 7 of the ESA, between the Service and the federal action agency, is completed. We recommend that the federal action agency submit a determination of effects to this office, relative to the Indiana bat and northern long-eared bat, for our review and concurrence.

Due to the project type, size, and location, we do not anticipate adverse effects to any other federally endangered, threatened, proposed, or candidate species. Should the project design change, or during the term of this action, additional information on listed or proposed species or their critical habitat become available, or if new information reveals effects of the action that were not previously considered, consultation with the Service should be initiated to assess any potential impacts.

These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the ESA, and are consistent with the intent of the National Environmental Policy Act of 1969 and the Service's Mitigation Policy. This letter provides technical assistance only and does not serve as a completed section 7 consultation document. We recommend that the project be coordinated with the Ohio Department of Natural Resources due to the potential for the project to affect state listed species and/or state lands. Contact John Kessler, Environmental Services Administrator, at (614) 265-6621 or at john.kessler@dnr.state.oh.us.

If you have questions, or if we can be of further assistance in this matter, please contact our office at (614) 416-8993 or ohio@fws.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Scott Pruitt", is positioned below the word "Sincerely,".

Scott Pruitt
Acting Field Office Supervisor

cc: Nathan Reardon, ODNR-DOW
Kate Parsons, ODNR-DOW

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**CASE No. 19-714-GA-BNR
PIR 3368 LAKEWOOD ROAD EAST
RAVENNA TOWNSHIP, PORTAGE COUNTY, OHIO
PIPELINE REPLACEMENT PROJECT**

ATTACHMENT I

FIELD SUMMARY REPORT

January 13, 2017

Ms. Wendy Fee
Gas Project Manager
The East Ohio Gas Company
320 Springside Drive, Suite 320
Akron, Ohio 44333

Dear Ms. Fee:

Subject: Task 1 Letter Report
Pipeline Infrastructure Replacement (PIR)
PIR 2452 – Lakewood & Hommon
Ravenna Township, Portage County, Ohio
CEC Project 163-193

Civil & Environmental Consultants, Inc. (CEC) completed the initial environmental field activities for PIR 2452 on August 24 & 25, 2016. This Project is being implemented under the East Ohio Gas's (EOG) Pipeline Infrastructure Replacement (PIR) Program, a multi-year, proactive program to repair and maintain EOG's distribution and transmission pipelines in Ohio. The purpose of PIR 2452 is to replace the existing high pressure steel nature gas pipeline with 12-inch diameter high pressure steel pipeline. The proposed replacement pipeline length is approximately 4,429 linear feet (0.84 mile) and will be located within a proposed 60-foot wide right-of-way (ROW). The Project area totals approximately 7.9 acres. The extent of the Project is shown on Attachment A – Figure 1. This letter report of findings was prepared to satisfy the reporting requirements outlined on Page 3 of the Dominion Scope of Work for the Environmental Blanket Support Contract. CEC's services were completed in accordance with the Dominion Master Services Agreement, Contract 46057333, dated March 29, 2014, and Dominion Purchase Order 70273386, dated April 9, 2014.

1.0 FINDINGS

1.1 Wetland and Waterbody Delineation

Six (6) wetlands and one (1) interpreted perennial stream (Breakneck Creek) were identified and delineated within the proposed 60-foot wide project study corridor, dated July 26, 2016. In addition, one (1) wetland (Wetland 7) was also identified along a potential reroute located adjacent to Lakewood and Hommon Roads. Tables 1 through 3 contain information on each of the interpreted jurisdictional features that were identified and delineated in the Project area. Results of the delineation are provided in Attachment A – Figures 2 through 6. Representative photographs taken by CEC are provided in Attachment B.

TABLE 1. WETLANDS IDENTIFIED WITHIN THE 60-FOOT WIDE PROJECT STUDY CORRIDOR, DATED JULY 26, 2016						
Wetland Identifier ¹	USFWS Classification ²⁻⁶	ORAM Category	Interpreted Hydrological Status ⁷	Approximate Size within 60-foot Wide Study Corridor (July 26, 2016) (acres)	Approximate Length of Wetland Crossed by Proposed Pipeline Centerline (July 26, 2016) (feet)	Approximate Length of Wetland Crossed by Proposed Pipeline Centerline Reroute (December 19, 2016) (feet)
1	PEM	1	Connected/ Adjacent	0.005	0	0
2	PSS	2	Connected/ Adjacent	0.118	92	93
3	PEM	2	Connected/ Adjacent	0.222	166	164
	PFO			0.070	0	0
	PUB			0.299	269	0
5	PEM	1	Connected/ Adjacent	0.029	78	72
6	PFO	2	Connected/ Adjacent	0.119	0	0
Total				0.865	605	329

¹Wetland 4 is a Palustrine Emergent Wetland that was identified outside of the 60-foot wide project study corridor.

²As interpreted from *Classification of Wetlands and Deep Water Habitats of the United States*. Cowardin, L. M., V. Carter, and F. C. Golet. 1979.

³Palustrine Emergent Wetland (PEM)

⁴Palustrine Scrub-Shrub Wetland (PSS)

⁵Palustrine Forested Wetland (PFO)

⁶Palustrine Unconsolidated Bottom Wetland (PUB)

⁷The determinations of hydrologically connected/adjacent and isolated wetlands outlined in this report are preliminary, based on the boundary delineations and have not been formally approved by the U.S. Army Corps of Engineers (USACE).

TABLE 2. WETLANDS IDENTIFIED WITHIN THE 60-FOOT WIDE PROJECT STUDY CORRIDOR ALTERNATIVE ALONG HOMMON AND LAKEWOOD ROADS						
Wetland Identifier ¹	USFWS Classification ²⁻³	ORAM Score (Category)	Interpreted Hydrological Status ⁴	Approximate Size within 60-foot Wide Study Corridor (July 26, 2016) (acres)	Approximate Length of Wetland Crossed by Proposed Pipeline Centerline (July 26, 2016) (feet)	Approximate Length of Wetland Crossed by Proposed Pipeline Centerline Reroute (December 19, 2016) (feet)
7	PEM	1	Connected/ Adjacent	0.003	0	0

¹ Wetland 4 is a Palustrine Emergent Wetland that was identified outside of the 60-foot wide project study corridor.

² As interpreted from *Classification of Wetlands and Deep Water Habitats of the United States*. Cowardin, L. M., V. Carter, and F. C. Golet. 1979.

³ Palustrine Emergent Wetland (PEM)

⁴ The determinations of hydrologically connected/adjacent and isolated wetlands outlined in this report are preliminary, based on the boundary delineations and have not been formally approved by the U.S. Army Corps of Engineers (USACE)

TABLE 3. STREAMS IDENTIFIED WITHIN THE PROPOSED 60-FOOT WIDE PROJECT STUDY CORRIDOR, DATED JULY 26, 2016						
USGS Stream Name¹	Interpreted Stream Flow Classification	QHEI Score²	Ohio EPA Use Designation³	Approximate OHWM Width^{4,5} (feet)	Approximate Stream Length Within Project Area (feet)	Crossed by Pipeline Centerline⁶
Breakneck Creek	Perennial	62	WWH	80	80	Avoided Via HDD

¹ United States Geological Survey (USGS)

² Qualitative Habitat Evaluation Index (QHEI)

³ Warmwater Habitat (WWH)

⁴ Ordinary High Water Mark (OHWM)

⁵ OHWM varies significantly within the stream reach.

⁶ Horizontal Directional Drill (HDD)

The Project area is located entirely within the regulatory boundaries of the U.S. Army Corps of Engineers (USACE) Buffalo District. CEC anticipates wetland impacts associated with the Project will be authorized by the USACE Nationwide Permit #12 (Maintenance). In addition, an Ohio EPA Section 401 Water Quality Certification (WQC) may potentially be required, depending upon the final alignment that is selected for construction.

1.2 Rare, Threatened and Endangered Species Literature Review and Habitat Assessment

CEC conducted a review of the *2016 Categorical Agreement between the East Ohio Gas Company, Dominion Transmission, Inc., and the Columbus Ohio Ecological Services Field Office of the U.S. Fish and Wildlife Service (USFWS)*. The Agreement with the USFWS does not appear to apply to the Project. Although the proposed pipeline replacement project appears to meet the definition of “replacement,” as defined in the Agreement; and Breakneck Creek is proposed to be avoided through the use of Horizontal Directional Drill (HDD), several habitat conditions that are noted in the Agreement are not met. These conditions include the following:

- No impacts to wetlands;
- The Project area is located in Ravenna Township, a township with documented records of the bald eagle nests, according to the Agreement; and,
- The project may potentially impact branches with suitable roosting characteristics, or remove trees >3 inches dbh that are located within 1,000 feet of other forested/wooded habitat.

Based on this information, coordination with the Columbus Ohio Ecological Services Field Office of the USFWS is required if not handled by the USACE and coordination with the Ohio Department of Natural Resources (ODNR) is recommended.

According to the USFWS Agreement, the Project is within the range of the Indiana bat (*Myotis sodalis*, Federally listed Endangered), the northern long-eared bat (*Myotis septentrionalis*, Federally listed Threatened), the northern wild monkshood (*Aconitum noveboracense*, Federally listed Threatened), and the bald eagle (*Haliaeetus leucocephalus*, Bald and Golden Eagle Protection Act). This Project is located within a known County and Township (Portage County, Ravenna Township, OH) with known bald eagle nests. The information that was collected from the literature review was used to facilitate the habitat surveys that were completed on August 24 and 25, 2016. The CEC field survey did not identify potential Indiana bat roost trees (PRT) within the proposed 60-foot wide ROW. No human structures, including houses, barns, pavilions, sheds and cabins will be impacted as part of the Project. Additionally, suitable habitat for the northern monkshood was not identified within the Project area nor was there bald eagle nests observed in the vicinity of the Project area.

1.3 Cultural Resources

The Ohio State Historic Preservation Office (SHPO) online mapping utility review and the CEC field reconnaissance that was completed did not reveal known historic properties within or adjacent to the Project area. The CEC field reconnaissance didn't reveal potentially historic structures within the vicinity of the Project area.

Based on the extent of ground disturbance, as evidenced by the proposed replacement and abandoned pipelines being located or proposed to be located within existing utility or road ROW, and no aboveground facilities are proposed, CEC does not anticipate adverse effects to prehistoric or historic cultural resources as a result of the Project.

2.0 REGULATORY CONSIDERATIONS

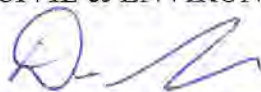
Based on the results of the desktop analysis, the subsequent field survey, and a review of the project design, the environmental permitting requirements for the Project are summarized below in Table 3.

TABLE 4. ENVIRONMENTAL PERMITTING REQUIREMENTS FOR THE PIR 2452 PIPELINE REPLACEMENT PROJECT IN RAVENNA TOWNSHIP, PORTAGE COUNTY, OHIO			
Reporting Requirement/Authorization Type	Required	Blanket Approval	Not Required
USACE Section 404 Permit	X		
Ohio EPA Section 401 Individual Water Quality Certification (WQC)	To Be Determined		
USFWS Coordination	X		
ODNR Coordination	X		
Ohio SIPO Coordination			X
Ohio EPA Stormwater Notice-of-Intent (NOI) – General Permit	X		
Stormwater Pollution Prevention Plan (SWPPP)	X		
Ohio EPA Hydrostatic Test Water – General Permit	To Be Determined		
Portage County Soil & Water Conservation District (SWCD)	X		
Portage County Flood Hazard Development Permit	X		

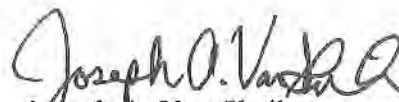
CEC will prepare and submit the aforementioned draft permit applications and regulatory consultation/clearance letters to the EOG for review, per the requirements of the Scope of Work for the Environmental Blanket Support Contract. Following receipt of mutually-agreeable comments, CEC will submit the permit applications and regulatory consultation/clearance letters to the respective agencies. Please contact the undersigned at (513) 985-0226 if you have any questions or comments regarding this letter report of findings.

Sincerely,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.



Dustin M. Giesler
 Staff Scientist



Joseph A. Van Skaik
 Project Manager

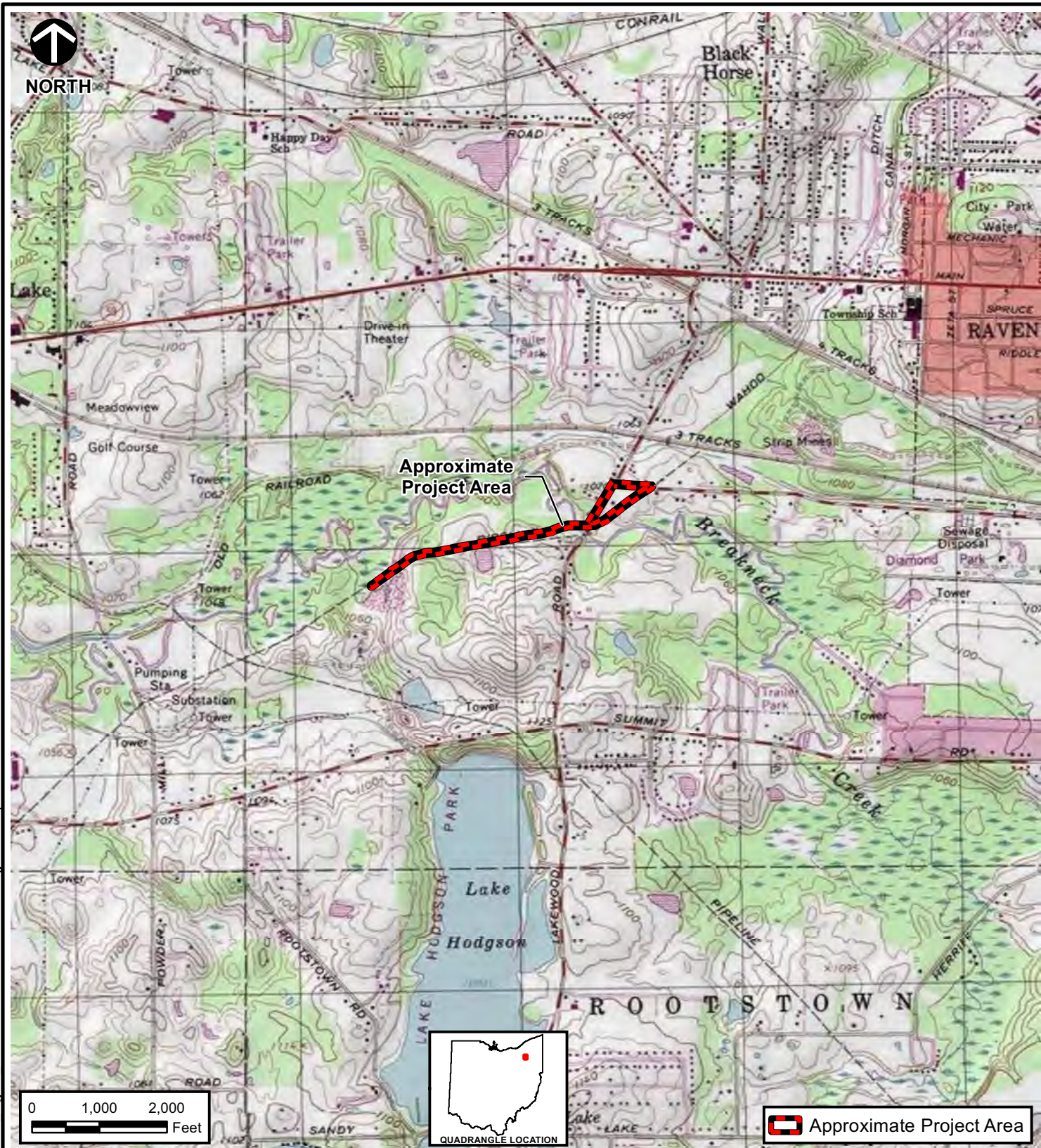
Attachments: Attachment A Figures
 Attachment B Photographs
 Attachment C GIS Shapefiles (*transmitted electronically via email*)

cc: Mr. Greg Eastridge, Dominion Resources Services, Inc.

ATTACHMENT A

FIGURES

P:\2016\163-193-GIS\Maps\0001\163193 t001 Figure 1.mxd - 1/10/2017 - 9:46:30 AM (ivanskaik)



SOURCE: PORTION OF THE USGS 7.5-MINUTE SERIES TOPOGRAPHIC QUADRANGLE MAP - KENT, OHIO (1985).



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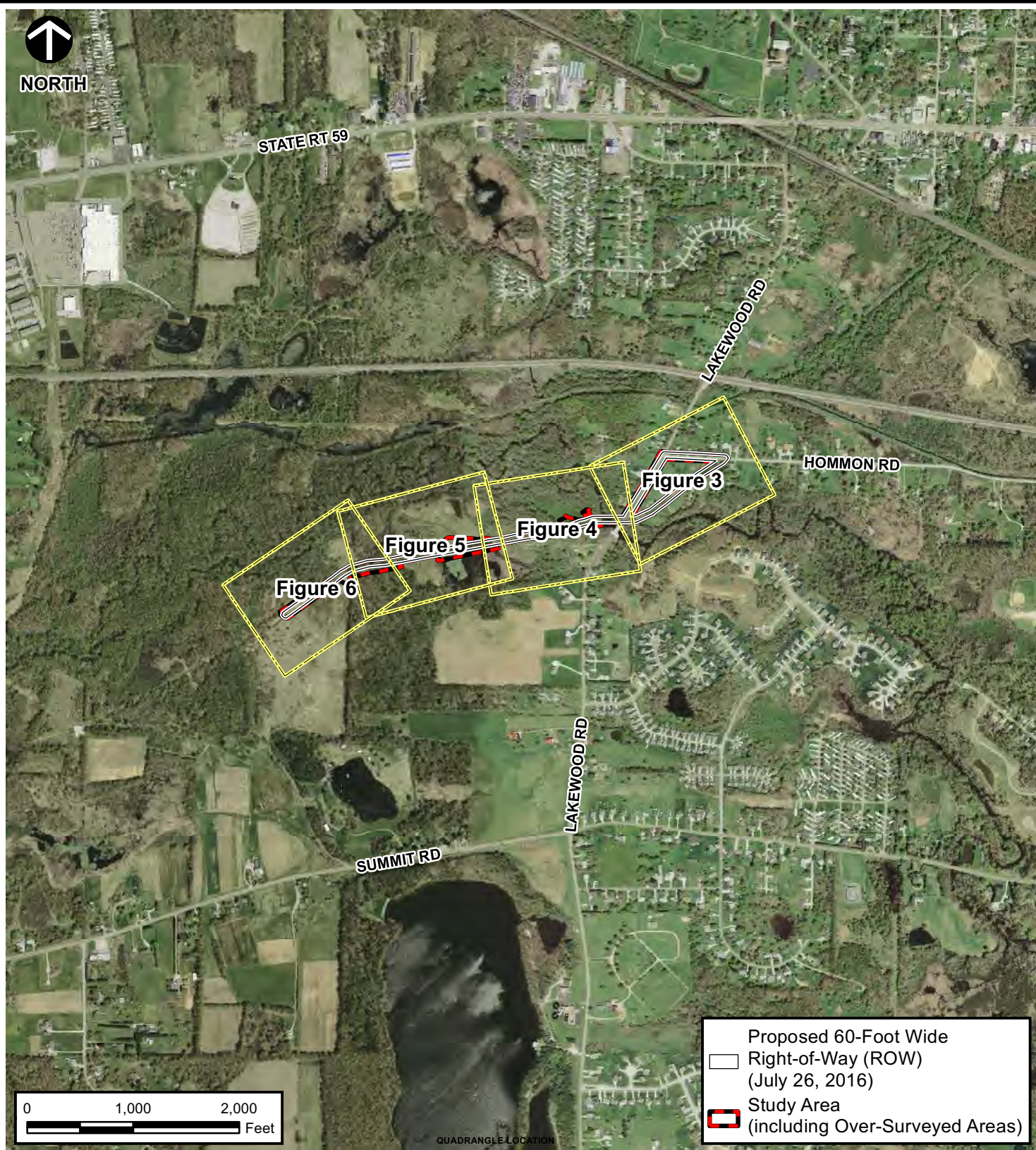
THE EAST OHIO GAS COMPANY
PIPELINE INFRASTRUCTURE REPLACEMENT (PIR)
PIR 2452 - LAKEWOOD & HOMMON PROJECT
RAVENNA TOWNSHIP, PORTAGE COUNTY, OHIO

PROJECT LOCATION MAP

DRAWN BY:	DMG	CHECKED BY:	JAV	APPROVED BY:	JAV*	FIGURE NO:
DATE:	JANUARY 10, 2017	DWG SCALE:	1" = 2,000'	PROJECT NO:	163-193	1

Signature on File *

P:\2016\163-193-GIS\Map\163193 t0001 Figure 2.mxd - 1/10/2017 - 1:51:53 PM (ivanskaik)



SOURCE: PORTION OF THE USGS 7.5-MINUTE SERIES TOPOGRAPHIC QUADRANGLE MAP - KENT, OHIO (1985).



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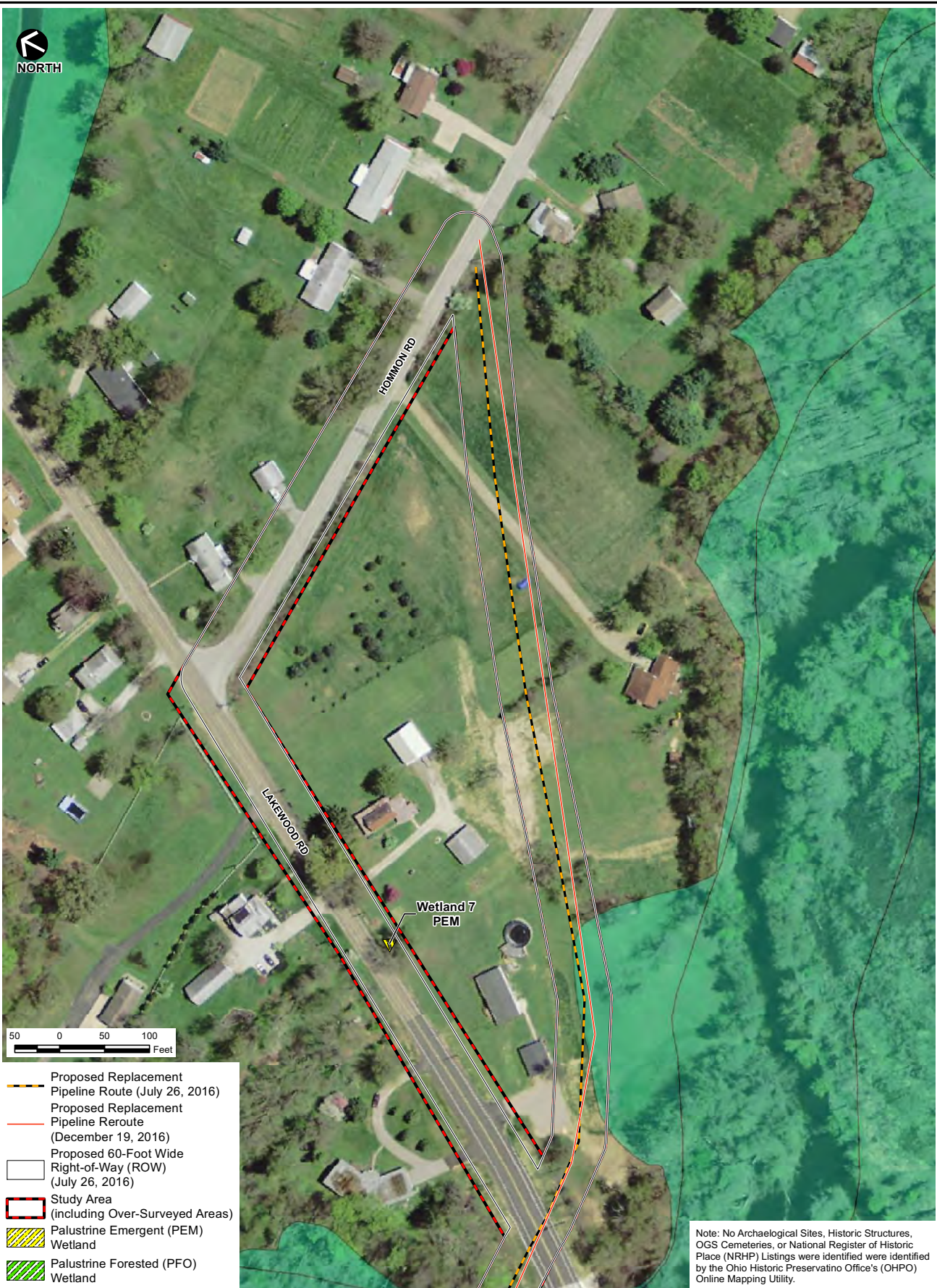
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INDEX MAP OF FIELD SURVEY FINDINGS

DRAWN BY:	DMG	CHECKED BY:	JAV	APPROVED BY:	JAV*	FIGURE NO:
DATE:	JANUARY 10, 2017	DWG SCALE:	1" = 1,275'	PROJECT NO:	163-193	2

Signature on File *



Note: No Archaeological Sites, Historic Structures, OGS Cemeteries, or National Register of Historic Place (NRHP) Listings were identified by the Ohio Historic Preservation Office's (OHPO) Online Mapping Utility.

SOURCES: ESRI WORLD IMAGERY / ARCGIS MAP SERVICE: [HTTP://GTO.ARCGISONLINE.COM/MAPS/WORLD_IMAGERY](http://gto.arcgisonline.com/maps/world_imagery), PUBLICATION 08/01/2015.

- Proposed Replacement Pipeline Route (July 26, 2016)
- Proposed Replacement Pipeline Reroute (December 19, 2016)
- Proposed 60-Foot Wide Right-of-Way (ROW) (July 26, 2016)
- Study Area (including Over-Surveyed Areas)
- Palustrine Emergent (PEM) Wetland
- Palustrine Forested (PFO) Wetland
- Palustrine Scrub-Shrub (PSS) Wetland
- Palustrine Unconsolidated Bottom (PUB) Wetland
- Open-Ended Wetland
- Breakneck Creek
- FEMA 100-Year Floodplain
- Potential Indiana Bat Roost Tree Habitat



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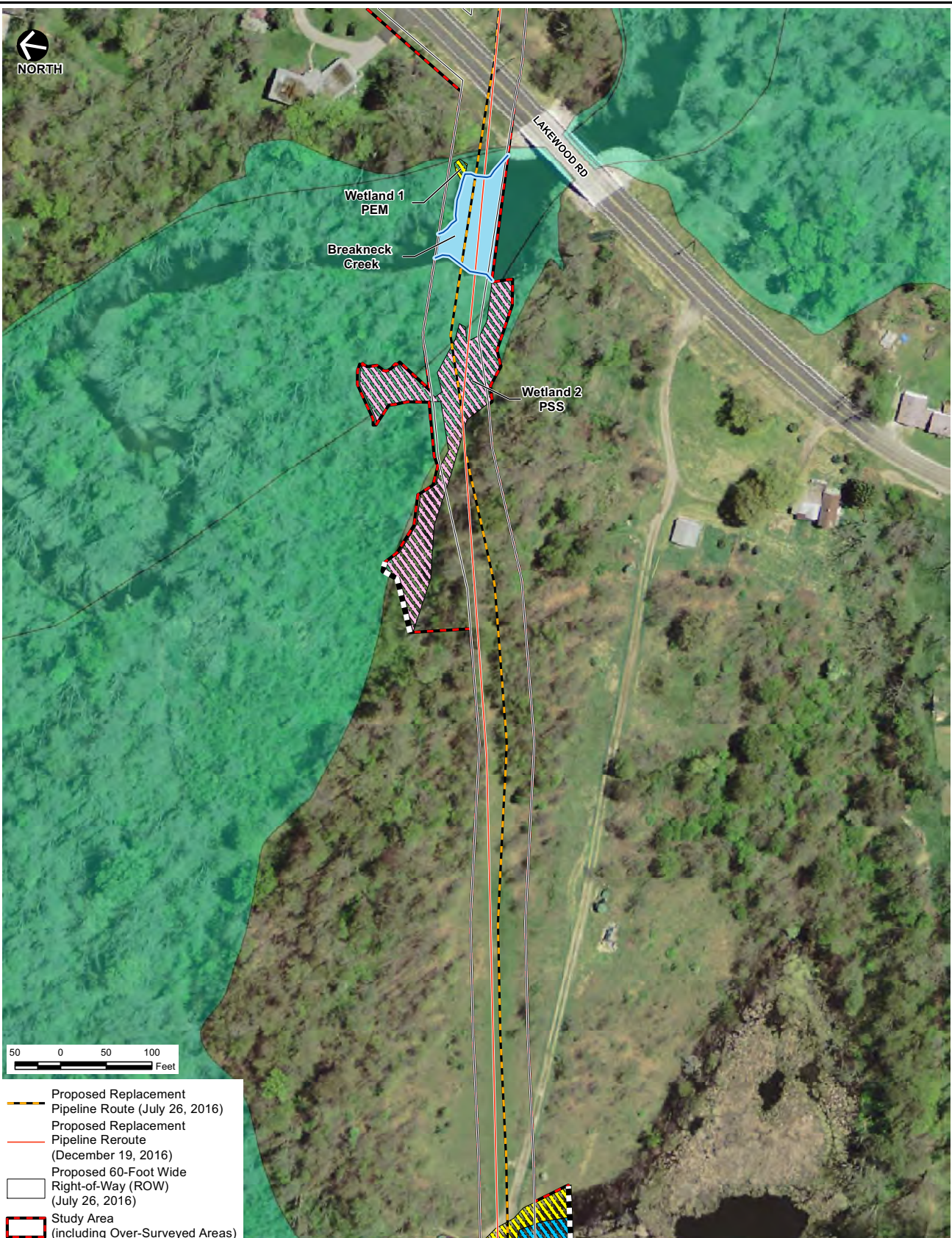
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MAP OF FIELD SURVEY FINDINGS

DRAWN BY: DMG	CHECKED BY: JAV	APPROVED BY: JAV*	FIGURE NO:
DATE: JANUARY 10, 2017	DWG SCALE: 1" = 100'	PROJECT NO: 163-193	3

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50 0 50 100
Feet

- Proposed Replacement Pipeline Route (July 26, 2016)
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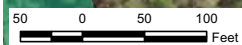
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DRAWN BY: DMG	CHECKED BY: JAV	APPROVED BY: JAV*	FIGURE NO:
DATE: JANUARY 10, 2017	DWG SCALE: 1" = 100'	PROJECT NO: 163-193	4

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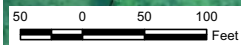
MAP OF FIELD SURVEY FINDINGS

DRAWN BY: DMG	CHECKED BY: JAV	APPROVED BY: JAV*	FIGURE NO:
DATE: JANUARY 10, 2017	DWG SCALE: 1" = 100'	PROJECT NO: 163-193	5

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NORTH



- Proposed Replacement Pipeline Route (July 26, 2016)
- Proposed Replacement Pipeline Reroute (December 19, 2016)
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- Potential Indiana Bat Roost Tree Habitat

Wetland 6
PFO

Wetland 5
PEM

PRT-1

Wetland 4
PEM

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DATE: JANUARY 10, 2017	DWG SCALE: 1" = 100'	PROJECT NO: 163-193	6

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ATTACHMENT B

SITE PHOTOGRAPHS

PIR 2452 –Lakewood & Hommon Project
Photographed on August 24 & 25, 2016



Photograph 1. View of proposed 60-foot wide ROW (dated July 26, 2016)
from the north side of Hommon Road, looking southwest.



Photograph 2. View of proposed 60-foot wide ROW (dated July 26, 2016)
Between Lakewood and Hommon Roads, looking southwest.



Photograph 3. View of proposed 60-foot wide ROW,
looking west-southwest across Lakewood Road.



Photograph 4. View of Wetland 1, facing northeast.

PIR 2452 –Lakewood & Hommon Project
Photographed on August 24 & 25, 2016



Photograph 5. View of proposed Breakneck Creek pipeline crossing location, facing to the northwest.



Photograph 6. View of proposed Breakneck Creek pipeline crossing location, facing to the east-southeast.

PIR 2452 –Lakewood & Hommon Project
Photographed on August 24 & 25, 2016



Photograph 7. View of Wetland 2, facing northeast.



Photograph 8. View of Wetland 2, facing north.



Photograph 9. View of proposed 60-foot wide ROW between Wetlands 2 and 3, facing west.



Photograph 10. View of Wetland 3, facing east.



Photograph 11. Another view of Wetland 3, facing southwest.



Photograph 12. View of proposed 60-foot wide ROW north of Wetland 3, facing southwest.



Photograph 13. View of Wetland 5 in the background, facing east.



Photograph 14. View of proposed 60-foot wide ROW north of Wetland 4, facing northwest.

PIR 2452 –Lakewood & Hommon Project
Photographed on August 24 & 25, 2016



Photograph 15. View of Wetland 6, facing northeast.



Photograph 16. View of potential route alternative along Lakewood Road, facing northeast.

*PIR 2452 –Lakewood & Hommon Project
Photographed on August 24 & 25, 2016*



Photograph 17. View of Wetland 7, facing south.



Photograph 18. View of potential route alternative along Hommon Road, facing east.

ATTACHMENT C

GIS SHAPEFILES

The GIS shapefiles were transmitted electronically by email.

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

4/17/2019 11:58:54 AM

in

Case No(s). 19-0714-GA-BNR

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