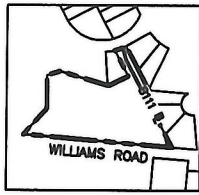
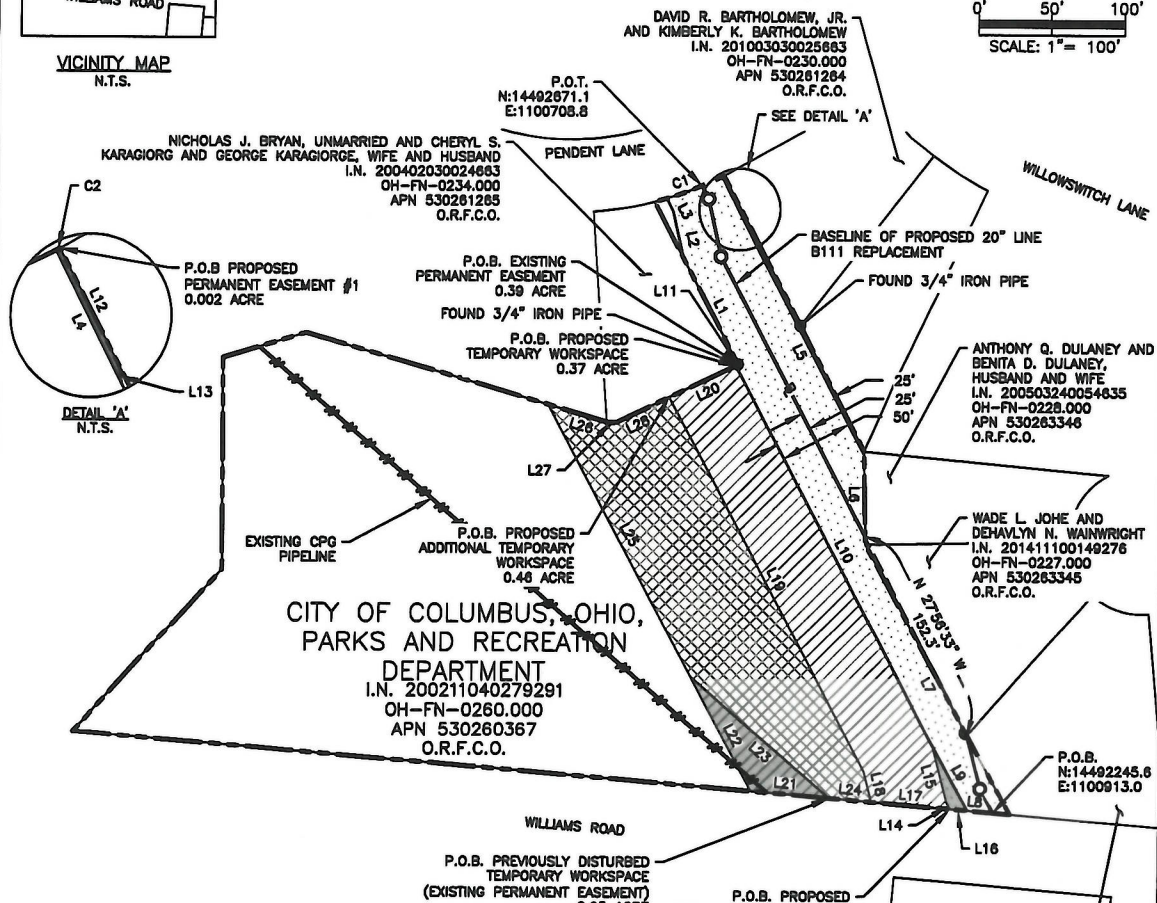
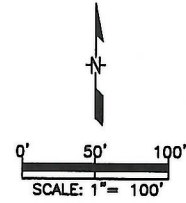


EXHIBIT "A"
 PERMANENT PIPELINE EASEMENT AND TEMPORARY
 WORKSPACE LYING WITHIN AND BEING FROM
 APN 530260367
 SECTION 7, T-11-N, R-21-W
 CONGRESS LANDS
 CITY OF COLUMBUS, FRANKLIN COUNTY, OHIO



VICINITY MAP
 N.T.S.



NOTES:

1. THE BASIS OF BEARINGS AND DATUM FOR THIS SURVEY IS GRID NORTH, UTM 17 NORTH ZONE, NAD 83 (2011), U.S. SURVEY FOOT.
2. INFORMATION DEPICTED HEREON IS BASED ON A SURVEY CONDUCTED FOR THE PURPOSE OF ESTABLISHING A BASELINE FOR MAPPING SELECTED TOPOGRAPHIC FEATURES AND LOCATING NECESSARY LINES FOR ENGINEERING DESIGN AND EASEMENT ACQUISITION FROM LAND RECORD INFORMATION SUPPLIED BY CLIENT.
3. THIS IS AN EASEMENT DRAWING AND IS NOT INTENDED TO REPRESENT A BOUNDARY SURVEY PURSUANT TO CHAPTER 4733-37, O.A.C.
4. LAND RECORDS AND DEED INFORMATION SUPPLIED BY NORTHEASTERN LAND SERVICES. THIS DOCUMENT WAS PRODUCED WITHOUT THE BENEFIT OF A TITLE REPORT.
5. TEMPORARY WORKSPACE AND ADDITIONAL TEMPORARY WORKSPACE LIES ADJACENT AND CONTIGUOUS TO THE PERMANENT EASEMENT UNLESS OTHERWISE NOTED. THE SIDE LINES OF SAID EASEMENT, TEMPORARY WORKSPACE AND ADDITIONAL TEMPORARY WORKSPACE LENGTHEN OR SHORTEN TO INTERSECT PROPERTY LINES, FOREIGN PIPELINES, WATER BODIES AND OTHER FEATURES THAT ARE NOT PERPENDICULAR TO THE BASELINE.
6. THE DIMENSIONS SHOWN FOR THE TEMPORARY WORKSPACE AND ADDITIONAL TEMPORARY WORKSPACE ARE BASED ON MEASUREMENTS ALONG AND PERPENDICULAR TO THE PERMANENT EASEMENT.

LEGEND

—	BASELINE
—	TOWNSHIP
R	RANGE
D.B.	DEED BOOK
P.B.	PLAT BOOK
D.V.	DEED VOLUME
I.N.	INSTRUMENT
P.G.	PAGE
P.O.B.	POINT OF BEGINNING
P.O.T.	POINT OF TERMINATION
P.O.S.	POINT OF SUSPENSION
P.O.R.	POINT OF RESUMPTION
C.P.B.	CONDO PLAT BOOK
ROW	RIGHT OF WAY
PERM.	PERMANENT
CONC.	CONCRETE
MON.	MONUMENT
FND.	FOUND
N.T.S.	NOT TO SCALE
APN	AUDITOR PARCEL NUMBER
O.R.F.C.O.	OFFICIAL RECORDS OF FRANKLIN COUNTY, OHIO
—	P.I.
—	ROADWAY CENTERLINE
—	EXISTING PIPELINE
—	PROPERTY LINE
—	ADJACENT PROPERTY LINE
—	EXISTING PERMANENT EASEMENT
—	PROPOSED PERMANENT EASEMENT
—	TEMPORARY WORKSPACE
—	PREVIOUSLY DISTURBED TEMPORARY WORKSPACE
—	ADDITIONAL TEMPORARY WORKSPACE
—	STAGING AREA
—	ACCESS ROAD

Daniel A. Neer
 P.S. NO. 8533
 PHONE: (859) 629-3533
 FAX: (859) 224-0146



PROJECT
 RIGHT OF WAY ACROSS THE PROPERTY OF:
 CITY OF COLUMBUS, OHIO, PARKS AND
 RECREATION DEPARTMENT



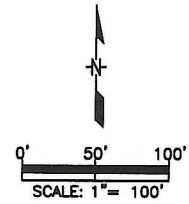
DISTANCE ACROSS PROPERTY: 321.9 FEET = 19.5 RODS
 PROPOSED PERMANENT EASEMENT: 0.008 ACRE TEMPORARY WORKSPACE: 0.37 ACRE
 EXISTING PERMANENT EASEMENT: 0.39 ACRE
 PREVIOUSLY DISTURBED TEMPORARY WORKSPACE: 0.05 ACRE
 ADDITIONAL TEMPORARY WORKSPACE: 0.46 ACRE ACCESS ROAD: N/A
 ACCESS ROAD TOTAL DISTANCE: N/A STAGING AREA: N/A

M M
 MOTT
 MACDONALD

PROJ. ID	21508	ENGINEER	FIELD BOOK
SURVEY DATE	08/2015		PAGE
MAP DATE	4/24/2017		
APPROVED BY	MM		
SCALE	1"=100'	REVISED PER CLIENT REQUEST	NO. DATE
		FINAL SUBMITTAL	1 7/2018
		REVISION	

COUNTY(IES)	FRANKLIN COUNTY
SECTION	7, T-11-N, R-21-W
STATE(S)	OHIO
SHEET NO.	1 OF 5
DRAWING NO.	OH-FN-0260.000

EXHIBIT "A"
 PERMANENT PIPELINE EASEMENT AND TEMPORARY
 WORKSPACE LYING WITHIN AND BEING FROM
 APN 530260367
 SECTION 7, T-11-N, R-21-W
 CONGRESS LANDS
 CITY OF COLUMBUS, FRANKLIN COUNTY, OHIO



CURVE TABLE					
	RADIUS	DELTA	ARC LENGTH	CHORD BEARING	CHORD DISTANCE
C1	225.0'	10°14'11"	40.2'	N 67°55'48" E	40.1'
C2	225.0'	00°22'38"	1.5'	N 63°37'23" E	1.5'

LINE TABLE		
	BEARING	DISTANCE
L1	N 27°41'05" W	81.4'
L2	N 12°28'47" W	32.2'
L3	N 27°03'37" W	9.8'
L4	S 27°03'13" E	51.2'
L5	S 28°04'04" E	161.5'
L6	S 01°15'12" E	60.7'
L7	S 28°52'16" E	210.2'
L8	N 85°10'51" W	29.5'
L9	N 28°57'09" W	51.0'
L10	N 28°04'04" W	292.1'
L11	N 64°17'46" E	1.6'
L12	S 27°41'59" E	43.6'
L13	S 12°28'49" E	7.8'
L14	N 28°41'35" W	5.5'
L15	N 14°36'24" W	40.1'
L16	N 85°10'51" W	12.0'
L17	N 85°10'51" W	54.4'
L18	N 14°36'24" W	21.4'
L19	N 28°04'04" W	288.2'
L20	N 64°17'46" E	50.0'
L21	N 85°10'51" W	54.2'
L22	N 28°04'04" W	88.4'
L23	S 49°12'18" E	126.3'
L24	N 85°10'51" W	29.1'
L25	N 28°04'04" W	209.4'
L26	S 73°52'48" E	41.8'
L27	S 85°17'49" E	5.9'
L28	N 64°17'46" E	40.1'

NOTES:

1. THE BASIS OF BEARINGS AND DATUM FOR THIS SURVEY IS GRID NORTH, UTM 17 NORTH ZONE, NAD 83 (2011), U.S. SURVEY FOOT.
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6. THE DIMENSIONS SHOWN FOR THE TEMPORARY WORKSPACE AND ADDITIONAL TEMPORARY WORKSPACE ARE BASED ON MEASUREMENTS ALONG AND PERPENDICULAR TO THE PERMANENT EASEMENT.

LEGEND

—	BASELINE
—	TOWNSHIP
—	RANGE
—	DEED BOOK
—	FLAT BOOK
—	DEED VOLUME
—	INSTRUMENT
—	PAGE
—	POINT OF BEGINNING
—	POINT OF TERMINATION
—	POINT OF SUSPENSION
—	POINT OF RESUMPTION
—	CONDO PLAT BOOK
—	RIGHT OF WAY
—	PERMANENT
—	CONCRETE
—	MONUMENT
—	FOUND
—	NOT TO SCALE
—	AUDITOR PARCEL NUMBER
—	OFFICIAL RECORDS OF FRANKLIN COUNTY, OHIO
—	P.L.
—	ROADWAY CENTERLINE
—	EXISTING PIPELINE
—	PROPERTY LINE
—	ADJACENT PROPERTY LINE
—	EXISTING PERMANENT EASEMENT
—	PROPOSED PERMANENT EASEMENT
—	TEMPORARY WORKSPACE
—	PREVIOUSLY DISTURBED TEMPORARY WORKSPACE
—	ADDITIONAL TEMPORARY WORKSPACE
—	STAGING AREA
—	ACCESS ROAD

DANIEL A. NEER
 DANIEL A. NEER
 P.S. NO. 8533
 PHONE: (859) 629-3533
 FAX: (859) 224-0146

5-1-17
 DATE:



PROJECT		CITY OF WAY ACROSS THE PROPERTY OF: CITY OF COLUMBUS, OHIO, PARKS AND RECREATION DEPARTMENT			
DISTANCE ACROSS PROPERTY: 321.9 FEET = 19.5 RODS		PROPOSED PERMANENT EASEMENT: 0.008 ACRE TEMPORARY WORKSPACE: 0.37 ACRE		M M MOTT MACDONALD	
EXISTING PERMANENT EASEMENT: 0.39 ACRE		PREVIOUSLY DISTURBED TEMPORARY WORKSPACE: 0.05 ACRE		COUNTY(IES) FRANKLIN COUNTY	
ADDITIONAL TEMPORARY WORKSPACE: 0.46 ACRE		ACCESS ROAD: N/A		SECTION 7, T-11-N, R-21-W	
ACCESS ROAD TOTAL DISTANCE: N/A		STAGING AREA: N/A		STATE(S) OHIO	
PROJ. ID 21508	ENGINEER	FIELD BOOK	SHEET NO. 2 OF 5		
SURVEY DATE 08/2015		PAGE	DRAWING NO. OH-FN-0260.000		
MAP DATE 4/24/2017					
APPROVED BY MM					
SCALE 1"=100'	2 04/2017 REVISED PER CLIENT REQUEST	ENG	DAN	DAN	
	1 7/2016 FINAL SUBMITTAL	MM	MM	DAN	
	NO. DATE	REVISION	ORIN	ORIN	APPD

Written: April 17, 2017

OH-FN-0260.000

Columbia Gas Transmission

B111 20" Pipeline Project

CITY OF COLUMBUS, OHIO, PARKS AND RECREATION DEPARTMENT

0.39 Acre Existing Permanent Easement

0.002 Acre Proposed Permanent Easement

0.006 Acre Proposed Permanent Easement

0.37 Acre Proposed Temporary Workspace Easement

0.46 Acre Proposed Additional Temporary Workspace Easement

0.05 Acre Previously Disturbed Temporary Workspace (Existing Permanent Easement)

GENERAL DESCRIPTION

Situated in the State of Ohio, Franklin County, City of Columbus, lying within and being a part of Section 7, Township 11 North, Range 21 West of the Congress Lands and being on, over and across a tract of land as conveyed to City of Columbus, Ohio, Parks and Recreation Department (hereinafter referred to as "Columbus") by deed of record in Instrument Number 200211040279291 (all records referenced herein refer to the records of the Recorder's Office, Franklin County, Ohio).

EXISTING PERMANENT EASEMENT DESCRIPTION

Being a metes and bounds description of land and being more particularly described as follows:

BEGINNING at a three-quarter (3/4) inch iron pipe found at a common corner to said Columbus tract and the southeasterly corner of a tract of land conveyed to Nicholas J. Bryan, unmarried and Cheryl S. Karagiorg and George Karagiorg (hereinafter referred to as "Bryan"), wife and husband, by deed of record in Instrument Number 200402030024663;

THENCE North 27°41'05" West, along a common line to said Columbus tract and the easterly line of said Bryan tract, a distance of 81.4 feet to a point;

THENCE across said Columbus tract, the following two (2) courses:

- 1) North 12°28'47" West, a distance of 32.2 feet to a point;
- 2) North 27°03'37" West, a distance of 9.8 feet to a point on the arc of a curve to the left on a common line to the northerly line of said Columbus tract and the southerly right-of-way line of Pendent Lane;

THENCE with the arc of said curve, having a radius of 225.0 feet, a delta angle of 10°14'11", an arc length of 40.2 feet and a chord bearing and distance of North 67°55'48" East, a distance of 40.1 feet to a point;

THENCE across said Columbus tract, the following two (2) courses:

- 1) South 27°03'13" East, a distance of 51.2 feet to a point;
- 2) South 28°04'04" East, a distance of 161.5 feet to a point on a common line to an easterly line of said Columbus tract and the westerly line of a tract of land conveyed to Anthony Q. Dulaney and Benita D. Dulaney, husband and wife, (hereinafter referred to as "Dulaney") by deed of record in Instrument Number 200503240054635;

THENCE South 01°15'12" East, along said common line, a distance of 60.7 feet to a point at a common westerly corner to said Dulaney tract and a tract of land conveyed to Wade L. Johe and Dehavlyn N. Wainwright (hereinafter referred to as "Wainwright") by deed of record in Instrument Number 201411100149276 and being an easterly corner to said Columbus tract;

THENCE South 28°52'16" East, along a common line to said Columbus tract and partly to said Wainwright tract and a tract of land conveyed to Malick Diane and Saran Diane, husband and wife, (hereinafter referred to as "Diane") by deed of record in Instrument Number 200703270052896, distance of 210.2 feet to a point at the common southerly corner to said Columbus and Diane tracts and being on the northerly right-of-way line of Williams Road;

THENCE North 85°10'51" West, along a common line to said northerly right-of-way line and the southerly line of said Columbus tract, a distance of 29.5 feet to a point;

THENCE across said Columbus tract, the following two (2) courses:

- 1) North 28°57'09" West, a distance of 51.0 feet to a point; and
- 2) North 28°04'04" West, a distance of 292.1 feet to a point on a common line to a northerly line of said Columbus tract and the southerly line of said Bryan tract;

THENCE North 64°17'46" East, a distance of 1.6 feet to the **POINT OF BEGINNING**.

The above described Existing Permanent Easement contains 0.39 acre, more or less.

PROPOSED PERMANENT EASEMENT #1 DESCRIPTION

Being a metes and bounds description of land and being more particularly described as follows:

BEGINNING at a point at the common northerly corner to said Columbus tract and a tract of land conveyed to David R. Bartholomew, Jr. and Kimberly K. Bartholomew (hereinafter referred to as "Bartholomew") by deed of record in Instrument Number 201003030025663, said also being on the southerly right-of-way of Pendent Lane;

THENCE South 27°41'59" East, along a common line to said Columbus and Bartholomew tracts, a distance of 43.6 feet to a point;

THENCE across said Columbus tract, the following two (2) courses:

- 1) South 12°28'49" East, a distance of 7.8 feet to a point; and
- 2) North 27°03'13" West, a distance of 51.2 feet to a point on the arc of a curve to the left on a common boundary to said Columbus tract and southerly right-of-way;

THENCE with the arc of said curve to the left, having a radius of 225.0 feet, a delta angle of 00°22'38", an arc length of 1.5 feet and a chord bearing and distance of North 63°37'23" East, 1.5 feet to the **POINT OF BEGINNING**.

The above described Proposed Permanent Easement contains 0.002 acre, more or less.

PROPOSED PERMANENT EASEMENT #2 DESCRIPTION

Being a metes and bounds description of land and being more particularly described as follows:

BEGINNING at a point on a common line to the southerly line of said Columbus tract and the northerly right-of-way line of Williams Road, said point bearing North 85°10'51" West, a distance of 41.5 feet from the common southerly corner to said Columbus tract and a tract of land conveyed to Malick Diane and Saran Diane, husband and wife, by deed of record in Instrument Number 200703270052896 and also being on said northerly right-of-way line;

THENCE across said Columbus tract, the following three (3) courses:

- 1) North 28°41'35" West, a distance of 5.5 feet to a point;
- 2) North 14°36'24" West, a distance of 40.1 feet to a point; and
- 3) South 28°57'09" East, a distance of 51.0 feet to a point on said common line;

THENCE North 85°10'51" West, along said common line, a distance of 12.0 feet to the **POINT OF BEGINNING**.

The above described Proposed Permanent Easement contains 0.006 acre, more or less.

PROPOSED TEMPORARY WORKSPACE EASEMENT DESCRIPTION

Being a metes and bounds description of land and being more particularly described as follows:

BEGINNING at a point on a common line to a northerly line of said Columbus tract the southerly line of a tract of land conveyed to Nicholas J. Bryan, unmarried and Cheryl S. Karagiorg and George Karagiorg, wife and husband, (hereinafter referred to as "Bryan") by deed of record in Instrument Number 200402030024663, said point bearing South 64°17'46" West, a distance of 1.6 feet from a three-quarter (3/4) inch iron pipe found at a common corner to said Columbus tract and the southeasterly corner of said Bryan tract;

THENCE across said Columbus tract, the following three (3) courses:

- 1) South 28°04'04" East, a distance of 292.1 feet to a point;
- 2) South 14°36'24" East, a distance of 40.1 feet to a point; and
- 3) South 28°41'35" East, a distance of 5.5 feet to a point on a common line to the southerly line of said Columbus tract and the northerly right-of-way line of Williams Road;

THENCE North 85°10'51" West, along said common line, a distance of 54.4 feet to a point;

THENCE across said Columbus tract, the following two (2) courses:

- 1) North 14°36'24" West, a distance of 21.4 feet to a point; and
- 2) North 28°04'04" West, a distance of 288.2 feet to a point on said common line to Columbus and Bryan tracts;

THENCE North 64°17'46" East, a distance of 50.0 feet to the **POINT OF BEGINNING**.

The above described Proposed Temporary Workspace Easement contains 0.37 acre, more or less.

PROPOSED ADDITIONAL TEMPORARY WORKSPACE EASEMENT DESCRIPTION

Being a metes and bounds description of land and being more particularly described as follows:

BEGINNING at a point on a common line to a northerly line of said Columbus tract the southerly line of a tract of land conveyed to Nicholas J. Bryan, unmarried and Cheryl S. Karagiorg and George Karagiorg, wife and husband, (hereinafter referred to as "Bryan") by deed of record in Instrument Number 200402030024663, said point bearing South 64°17'46" West, a distance of 51.6 feet from a three-quarter (3/4) inch iron pipe found at a common corner to said Columbus tract and the southeasterly corner of said Bryan tract;

THENCE across said Columbus tract, the following two (2) courses:

- 1) South 28°04'04" East, a distance of 288.2 feet to a point; and
- 2) South 14°36'24" East, a distance of 21.4 feet to a point on a common line to the southerly line of said Columbus tract and the northerly right-of-way line of Williams Road;

THENCE North 85°10'51" West, along said common line, a distance of 29.1 feet to a point;

THENCE across said Columbus tract, the following two (2) courses:

- 1) North 49°12'18" West, a distance of 126.3 feet to a point; and
- 2) North 28°04'04" West, a distance of 209.4 feet to a point on a common line to said Columbus and Bryan tracts;

THENCE along lines common to said Columbus and Bryan tracts, the following three (3) courses:

- 1) South 73°52'48" East, a distance of 41.8 feet to a point;
- 2) South 85°17'49" East, a distance of 5.9 feet to a point; and
- 3) North 64°17'46" East, a distance of 40.1 feet to the **POINT OF BEGINNING**.

The above described Proposed Temporary Workspace Easement contains 0.46 acre, more or less.

PREVIOUSLY DISTURBED TEMPORARY WORKSPACE (EXISTING PERMANENT EASEMENT) DESCRIPTION

Being a metes and bounds description of land and being more particularly described as follows:

BEGINNING at a point on a common line to the southerly line of said Columbus tract and the northerly right-of-way line of Williams Road, said point bearing North 85°10'51" West, a distance of 125.0 feet from the common southerly corner to said Columbus tract and a tract of land conveyed to Malick Diane and Saran Diane, husband and wife, by deed of record in Instrument Number 200703270052896 and also being on said northerly right-of-way line;

THENCE North 85°10'51" West, along said common line, a distance of 54.2 feet to a point;

THENCE across said Columbus tract, the following two (2) courses:

- 1) North 28°04'04" West, a distance of 88.4 feet to a point; and
- 2) South 49°12'18" East, a distance of 126.3 feet to the **POINT OF BEGINNING**.

The above described Previously Disturbed Temporary Workspace Easement contains 0.05 acre, more or less.

Bearing Source: Grid North, Bearings and Distances are derived from static ties to existing NGS monuments and transformed into NAD 83 (2011), UTM 17 North Zone, U.S. Survey Foot, Global Positioning System (GPS) survey performed by Mott MacDonald.

I, Daniel Neer, Professional Surveyor No. 8533-Ohio, do hereby certify that the above description and the attached plat were prepared under my direction and supervision from land records and deed information supplied by Northeastern Land Services and from an actual field survey made on the ground within the month of August, 2015.


 Daniel Neer, P.S. Ohio No. 8533
 Mott MacDonald
 2343 Alexandria Drive, Suite 320
 Lexington, KY 40515
 859-629-3533 – Office
 859-224-0146 – Fax
 COA No. 01776

5-1-17
 Date

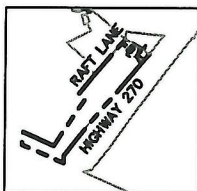
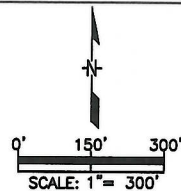


EXHIBIT "A"

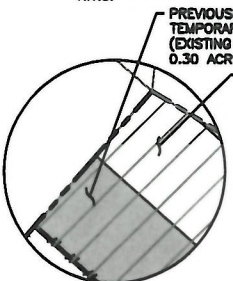
PERMANENT PIPELINE EASEMENT, PERMANENT ACCESS ROAD AND TEMPORARY WORKSPACE LYING WITHIN AND BEING FROM APN 530-234278

SECTION 18, T-11-N, R-21-W
CITY OF COLUMBUS, FRANKLIN COUNTY, OHIO

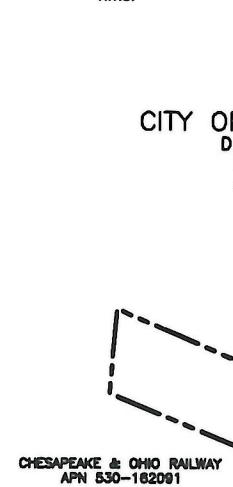
MING XXXIII THREE RIVERS, LLC,
A COLORADO LIMITED LIABILITY COMPANY
I.N. 201201240010000
OH-FN-0183.000
APN 530223316
O.R.F.C.O.



VICINITY MAP
N.T.S.



DETAIL "c"
N.T.S.



DETAIL "a"
N.T.S.

NOTES:

1. THE BASIS OF BEARINGS AND DATUM FOR THIS SURVEY IS GRID NORTH, UTM 17 NORTH ZONE, NAD 83 (2011), U.S. SURVEY FOOT.
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6. THE DIMENSIONS SHOWN FOR THE TEMPORARY WORKSPACE AND ADDITIONAL TEMPORARY WORKSPACE ARE BASED ON MEASUREMENTS ALONG AND PERPENDICULAR TO THE PERMANENT EASEMENT.

LEGEND

—	BASILINE
—	TOWNSHIP
R	RANGE
D.B.	DEED BOOK
P.B.	PLAT BOOK
D.V.	DEED VOLUME
I.N.	INSTRUMENT
PG.	PAGE
P.O.B.	POINT OF BEGINNING
P.O.T.	POINT OF TERMINATION
P.O.S.	POINT OF SUSPENSION
P.O.R.	POINT OF RESUMPTION
C.P.B.	CONDO PLAT BOOK
ROW	RIGHT OF WAY
PERM.	PERMANENT
CONC.	CONCRETE
MON.	MONUMENT
FND.	FOUND
N.T.S.	NOT TO SCALE
APN	AUDITOR PARCEL NUMBER
O.R.F.C.O.	OFFICIAL RECORDS OF FRANKLIN COUNTY, OHIO
—	P.L.
—	ROADWAY CENTERLINE
—	EXISTING PIPELINE
—	PROPERTY LINE
—	ADJACENT PROPERTY LINE
—	EXISTING PERMANENT EASEMENT
—	PROPOSED PERMANENT EASEMENT
—	TEMPORARY WORKSPACE
—	PREVIOUSLY DISTURBED TEMPORARY WORKSPACE
—	ADDITIONAL TEMPORARY WORKSPACE
—	STAGING AREA
—	ACCESS ROAD

CITY OF COLUMBUS, OHIO
D.B. 31228, PG. D09
OH-FN-0182.000
APN 530-234278
O.R.F.C.O.

CHESAPEAKE & OHIO RAILWAY
APN 530-182091

HIGHWAY 270

Holland E. Shaw
HOLLAND E. SHAW
P.S. NO. 8644
PHONE: (413) 535-0135
FAX: (413) 788-0438

7/31/17

DATE:



PROJECT
RIGHT OF WAY ACROSS THE PROPERTY OF:
CITY OF COLUMBUS, OHIO

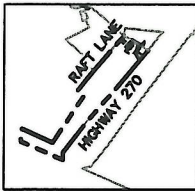


DISTANCE ACROSS PROPERTY: 387.0 FEET = 23.5 RODS
PROPOSED PERMANENT EASEMENT: 0.07 ACRE TEMPORARY WORKSPACE: 0.15 ACRE
EXISTING PERMANENT EASEMENT: 0.37 ACRE
PREVIOUSLY DISTURBED TEMPORARY WORKSPACE: 0.30 ACRE
ADDITIONAL TEMPORARY WORKSPACE: 0.47 ACRE ACCESS ROAD: 1.00 ACRE
ACCESS ROAD TOTAL DISTANCE: 1755.3 FEET STAGING AREA: N/A

M M
MOTT
MACDONALD

PROJ. ID	21508	ENGINEER	FIELD BOOK
SURVEY DATE	08/2015		PAGE
MAP DATE	07/31/2017		
APPROVED BY	MM		
SCALE	1"=300'		
NO.	DATE	REVISION	

COUNTY(IES)	FRANKLIN COUNTY
SECTION	18, T-11-N, R-21-W
STATE(S)	OHIO
SHEET NO.	1 OF 4
DRAWING NO.	OH-FN-0182.000



VICINITY MAP
N.T.S.

EXHIBIT "A"
 PERMANENT PIPELINE EASEMENT, PERMANENT ACCESS ROAD AND TEMPORARY
 WORKSPACE LYING WITHIN AND BEING FROM
 APN 530-234278
 SECTION 18, T-11-N, R-21-W
 CITY OF COLUMBUS, FRANKLIN COUNTY, OHIO

LINE TABLE		
	BEARING	DISTANCE
L1	S 40°35'51" W	3.9'
L2	N 48°57'04" W	0.9'
L3	N 63°47'59" W	75.6'
L4	N 49°01'51" W	308.2'
L5	N 40°56'42" E	50.0'
L6	S 48.57°23" E	268.9'
L7	S 28°56'40" E	77.0'
L8	S 46°56'14" E	40.9'
L9	S 40°35'50" W	46.1'
L10	N 48°56'36" W	50.2'
L11	N 28°56'53" W	77.0'
L12	S 48°57'23" E	112.7'
L13	N 52°48'16" W	111.1'
L14	S 50°10'04" E	98.7'
L15	S 48°55'40" E	31.7'
L16	S 58°04'03" E	12.9'
L17	S 48°57'23" E	265.1'
L18	S 28°56'36" E	45.28'
L19	N 48°56'36" W	16.7'
L20	N 50°46'21" W	22.3'
L21	N 28°56'36" W	56.7'
L22	N 57°46'33" E	25.0'
L23	N 28°56'36" W	20.2'
L24	N 48°57'23" W	251.1'
L25	N 66°43'38" W	34.9'
L26	N 15°33'18" W	91.2'
L27	N 33°57'52" E	174.3'
L28	N 44°49'32" E	275.6'
L29	N 40°22'27" E	829.1'
L30	N 38°20'58" E	249.8'
L31	N 40°40'03" E	128.4'
L32	S 40°40'03" W	127.8'
L33	S 38°20'58" W	249.7'
L34	S 40°22'27" W	830.5'
L35	S 44°49'32" W	274.2'
L36	S 33°57'52" W	160.4'
L37	S 15°33'18" E	74.2'
L38	S 66°43'35" E	10.4'
L39	S 00°11'59" W	21.7'

NOTES:

1. THE BASIS OF BEARINGS AND DATUM FOR THIS SURVEY IS GRID NORTH, UTM 17 NORTH ZONE, NAD 83 (2011), U.S. SURVEY FOOT.
2. INFORMATION DEPICTED HEREON IS BASED ON A SURVEY CONDUCTED FOR THE PURPOSE OF ESTABLISHING A BASELINE FOR MAPPING SELECTED TOPOGRAPHIC FEATURES AND LOCATING NECESSARY LINES FOR ENGINEERING DESIGN AND EASEMENT ACQUISITION FROM LAND RECORD INFORMATION SUPPLIED BY CLIENT.
3. THIS IS AN EASEMENT DRAWING AND IS NOT INTENDED TO REPRESENT A BOUNDARY SURVEY PURSUANT TO CHAPTER 4733-37, O.A.C.
4. LAND RECORDS AND DEED INFORMATION SUPPLIED BY NORTHEASTERN LAND SERVICES. THIS DOCUMENT WAS PRODUCED WITHOUT THE BENEFIT OF A TITLE REPORT.
5. TEMPORARY WORKSPACE AND ADDITIONAL TEMPORARY WORKSPACE LIES ADJACENT AND CONTIGUOUS TO THE PERMANENT EASEMENT UNLESS OTHERWISE NOTED. THE SIDE LINES OF SAID EASEMENT, TEMPORARY WORKSPACE AND ADDITIONAL TEMPORARY WORKSPACE LENGTHEN OR SHORTEN TO INTERSECT PROPERTY LINES, FOREIGN PIPELINES, WATER BODIES AND OTHER FEATURES THAT ARE NOT PERPENDICULAR TO THE BASELINE.
6. THE DIMENSIONS SHOWN FOR THE TEMPORARY WORKSPACE AND ADDITIONAL TEMPORARY WORKSPACE ARE BASED ON MEASUREMENTS ALONG AND PERPENDICULAR TO THE PERMANENT EASEMENT.

LEGEND

- ⊕ BASELINE
- T TOWNSHIP
- R RANGE
- D.B. DEED BOOK
- P.B. PLAT BOOK
- D.V. DEED VOLUME
- I.N. INSTRUMENT
- PG. PAGE
- P.O.B. POINT OF BEGINNING
- P.O.T. POINT OF TERMINATION
- P.O.S. POINT OF SUSPENSION
- P.O.R. POINT OF RESUMPTION
- C.P.B. CONDO PLAT BOOK
- ROW RIGHT OF WAY
- PERM. PERMANENT
- CONC. CONCRETE
- MON. MONUMENT
- FND. FOUND
- N.T.S. NOT TO SCALE
- APN AUDITOR PARCEL NUMBER
- O.R.F.C.O. OFFICIAL RECORDS OF FRANKLIN COUNTY, OHIO
- P.I. P.I.
- ROADWAY CENTERLINE
- EXISTING PIPELINE
- PROPERTY LINE
- ADJACENT PROPERTY LINE
- EXISTING PERMANENT EASEMENT
- PROPOSED PERMANENT EASEMENT
- TEMPORARY WORKSPACE
- PREVIOUSLY DISTURBED TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE
- STAGING AREA
- ACCESS ROAD

[Signature]
 HOLLAND E. SHAW
 P.S. NO. 8644
 PHONE: (413) 535-0135
 FAX: (413) 788-0438

7/31/17

DATE:



PROJECT RIGHT OF WAY ACROSS THE PROPERTY OF: CITY OF COLUMBUS, OHIO																											
DISTANCE ACROSS PROPERTY: 387.0 FEET = 23.5 RODS PROPOSED PERMANENT EASEMENT: 0.07 ACRE TEMPORARY WORKSPACE: 0.15 ACRE EXISTING PERMANENT EASEMENT: 0.37 ACRE PREVIOUSLY DISTURBED TEMPORARY WORKSPACE: 0.30 ACRE ADDITIONAL TEMPORARY WORKSPACE: 0.47 ACRE ACCESS ROAD: 1.00 ACRE ACCESS ROAD TOTAL DISTANCE: 1755.3 FEET STAGING AREA: N/A		<p align="center">M M MOTT MACDONALD</p>																									
PROJ. ID 21508	ENGINEER [Signature]	FIELD BOOK PAGE	COUNTY(IES) FRANKLIN COUNTY SECTION 18, T-11-N, R-21-W																								
SURVEY DATE 08/2015	MAP DATE 07/31/2017	APPROVED BY MM	STATE(S) OHIO																								
SCALE 1"=300'	<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION</th> <th>ORIN</th> <th>CHKD</th> <th>APPD</th> </tr> <tr> <td>3</td> <td>07/2017</td> <td>REQUIRED FOR LAND/LEGAL COMMENTS</td> <td>CHD</td> <td>FD</td> <td>HEB</td> </tr> <tr> <td>2</td> <td>04/2017</td> <td>REQUIRED FOR CLIENT REQUEST</td> <td>FD</td> <td>DW</td> <td>DW</td> </tr> <tr> <td>1</td> <td>7/2016</td> <td>FINAL SUBMITTAL</td> <td>HMM</td> <td>HMM</td> <td>DW</td> </tr> </table>	NO.	DATE	REVISION	ORIN	CHKD	APPD	3	07/2017	REQUIRED FOR LAND/LEGAL COMMENTS	CHD	FD	HEB	2	04/2017	REQUIRED FOR CLIENT REQUEST	FD	DW	DW	1	7/2016	FINAL SUBMITTAL	HMM	HMM	DW	SHEET NO. 2 OF 4 DRAWING NO. OH-FN-0182.000	
NO.	DATE	REVISION	ORIN	CHKD	APPD																						
3	07/2017	REQUIRED FOR LAND/LEGAL COMMENTS	CHD	FD	HEB																						
2	04/2017	REQUIRED FOR CLIENT REQUEST	FD	DW	DW																						
1	7/2016	FINAL SUBMITTAL	HMM	HMM	DW																						

Written: July 31, 2017
 OH-FN-0182.000
Columbia Gas Transmission
B111 20" Pipeline Project
City of Columbus, Ohio
 0.07 Acre Proposed Permanent Easement
 1.00 Acre Proposed Permanent Access Road

GENERAL DESCRIPTION

Situated in the State of Ohio, Franklin County, City of Columbus, lying within and being a part of Section 18, Township 11 North, Range 21 West, and being on, over and across tracts of land conveyed to City of Columbus, Ohio (hereinafter referred to as "Columbus") by deed of record in Deed Book 31228, Page D09 (all records referenced herein refer to the records of the Recorder's Office, Franklin County, Ohio).

PROPOSED PERMANENT EASEMENT DESCRIPTION

Being a metes and bounds description of land and being more particularly described as follows:

BEGINNING at a point on a common line to the southeasterly line of said Columbus tract being common with the northwesterly right-of-way line of Highway 270, said point bearing South 38°23'41" West, a distance of 62.4 feet and South 40°35'52" West, a distance of 83.2 feet from the common easterly corner to the northeasterly corner of said Columbus tract and the southeasterly corner of a tract of land conveyed to City of Columbus, Ohio by deed of record in Deed Book 31288, Page D07 and being on said northwesterly right-of-way line;

THENCE South 40°35'50" West, along said common line, a distance of 46.1 feet to a point;

THENCE over and across said Columbus tract, the following five (5) courses:

- 1) North 48°56'36" West, a distance of 50.2 feet to a point;
- 2) North 28°56'53" West, a distance of 77.0 feet to a point;
- 3) South 49°26'00" East, a distance of 48.2 feet to a point;
- 4) South 63°47'59" East, a distance of 75.6 feet to a point; and
- 5) South 48°57'04" East, a distance of 0.9 feet to the **POINT OF BEGINNING**.

The above described Proposed Permanent Easement contains 0.07 acre, more or less.

PROPOSED PERMANENT ACCESS ROAD DESCRIPTION

Being a metes and bounds description of land and being more particularly described as follows:

BEGINNING at a point common to the southeasterly corner of said Columbus tract, the northwesterly right-of-way line of Highway 270 and the northerly right-of-way line of the Chesapeake and Ohio Railway;

THENCE North 66°43'38" West, along a common line to the southwesterly line of said Columbus tract and said northerly right-of-way line, a distance of 34.9 feet to a point;

THENCE across said Columbus tract, the following fourteen (14) courses:

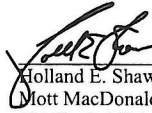
- 1) North 15°33'18" West, a distance of 91.2 feet to a point;
- 2) North 33°57'52" East, a distance of 174.3 feet to a point;
- 3) North 44°49'32" East, a distance of 275.6 feet to a point;
- 4) North 40°22'27" East, a distance of 829.1 feet to a point;
- 5) North 38°20'58" East, a distance of 249.8 feet to a point;
- 6) North 40°40'03" East, a distance of 128.4 feet to a point;
- 7) South 48°56'36" East, a distance of 25.0 feet to a point;
- 8) South 40°40'03" West, a distance of 127.8 feet to a point;
- 9) South 38°20'58" West, a distance of 249.7 feet to a point;
- 10) South 40°22'27" West, a distance of 830.5 feet to a point;
- 11) South 44°49'32" West, a distance of 274.2 feet to a point;
- 12) South 33°57'52" West, a distance of 160.4 feet to a point;
- 13) South 15°33'18" East, a distance of 74.2 feet to a point; and
- 14) South 66°43'35" East, a distance of 10.4 feet to a point on a common line to the southeasterly line of said Columbus tract and said northwesterly right-of-way line of Highway 270;

THENCE South 00°11'59" West, along said common line, a distance of 21.7 feet to the **POINT OF BEGINNING**.

The above described Proposed Permanent Access Road contains 1.00 acre, more or less.

Bearing Source: Grid North, Bearings and Distances are derived from static ties to existing NGS monuments and transformed into NAD 83 (2011), UTM 17 North Zone, U.S. Survey Foot, Global Positioning System (GPS) survey performed by Mott MacDonald.

I, Holland E. Shaw, Professional Surveyor No. 8644-Ohio, do hereby certify that the above description and the attached plat were prepared under my direction and supervision from land records and deed information supplied by Northeastern Land Services and from an actual field survey made on the ground within the month of August, 2015.



Holland E. Shaw, P.S. Ohio No. 8644
Mott MacDonald
134 Capital Drive, Suite D
West Springfield, MA 01089
413-535-0135 – Office
413-788-0438 – Fax
COA No. 01776

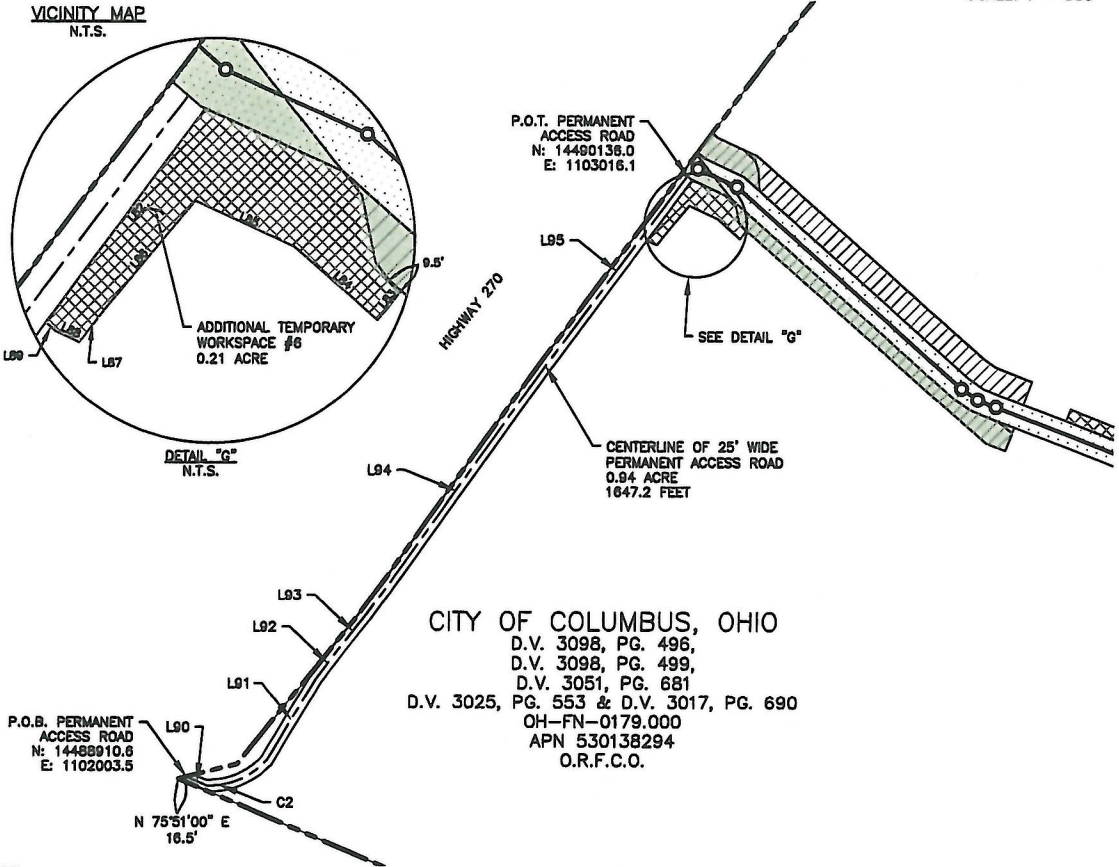
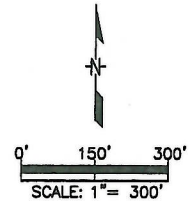
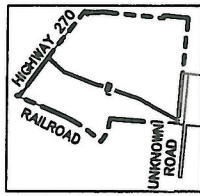
7/31/17

Date



EXHIBIT "A"

PERMANENT PIPELINE EASEMENT, TEMPORARY WORKSPACE, ADDITIONAL TEMPORARY WORKSPACE AND PERMANENT ACCESS ROAD LYING WITHIN AND BEING FROM
 APN 530138294
 SECTIONS 17 & 18, T-11-N, R-21-W
MADISON TOWNSHIP, FRANKLIN COUNTY, OHIO



CITY OF COLUMBUS, OHIO
 D.V. 3098, PG. 496,
 D.V. 3098, PG. 499,
 D.V. 3051, PG. 681
 D.V. 3025, PG. 553 & D.V. 3017, PG. 690
 OH-FN-0179.000
 APN 530138294
 O.R.F.C.O.

- NOTES:**
1. THE BASIS OF BEARINGS AND DATUM FOR THIS SURVEY IS GRID NORTH, UTM 17 NORTH ZONE, MAD 83 (2011), U.S. SURVEY FOOT.
 2. INFORMATION DEPICTED HEREON IS BASED ON A SURVEY CONDUCTED FOR THE PURPOSE OF ESTABLISHING A BASELINE FOR MAPPING SELECTED TOPOGRAPHIC FEATURES AND LOCATING NECESSARY LINES FOR ENGINEERING DESIGN AND EASEMENT ACQUISITION FROM LAND RECORD INFORMATION SUPPLIED BY CLIENT.
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LEGEND

R	TOWNSHIP
T	RANGE
D.B.	DEED BOOK
P.B.	PLAT BOOK
D.V.	DEED VOLUME
I.N.	INSTRUMENT
P.G.	PAGE
P.O.B.	POINT OF BEGINNING
P.O.T.	POINT OF TERMINATION
P.O.S.	POINT OF SUSPENSION
P.O.R.	POINT OF RESUMPTION
C.P.B.	CONDO PLAT BOOK
ROW	RIGHT OF WAY
PERM.	PERMANENT
CONC.	CONCRETE
MON.	MONUMENT
FND.	FOUND
N.T.S.	NOT TO SCALE
APN	AUDITOR PARCEL NUMBER
O.R.F.C.O.	OFFICIAL RECORDS OF FRANKLIN COUNTY, OHIO
P.I.	PROPERTY LINE
---	ROADWAY CENTERLINE
- - -	EXISTING PIPELINE
- - -	PROPERTY LINE
- - -	ADJACENT PROPERTY LINE
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-----	ADDITIONAL TEMPORARY WORKSPACE
-----	STAGING AREA
-----	ACCESS ROAD

Holland E. Shaw
HOLLAND E. SHAW
 P.S. NO. 8644
 PHONE: (413) 535-0135
 FAX: (413) 788-0438

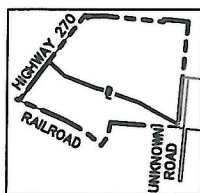
8/23/17
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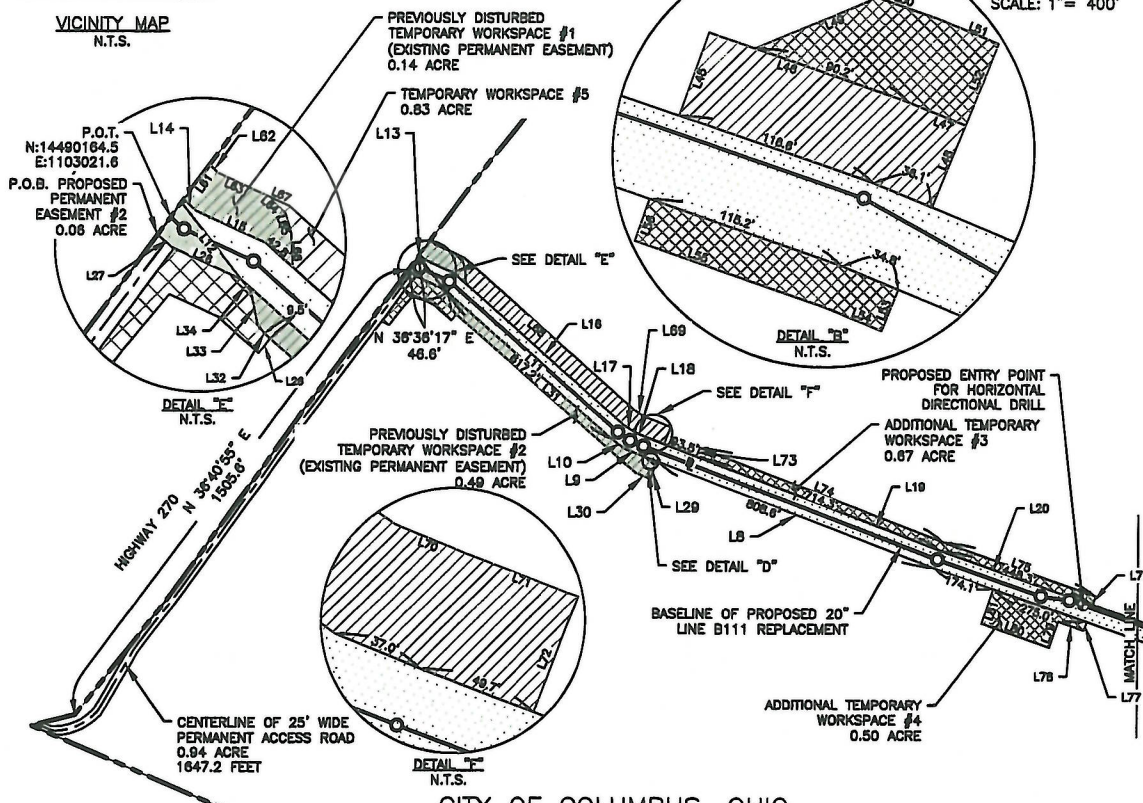
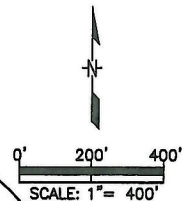
PROJECT RIGHT OF WAY ACROSS THE PROPERTY OF: CITY OF COLUMBUS, OHIO			
DISTANCE ACROSS PROPERTY: 4991.8 FEET = 302.53 RODS PROPOSED PERMANENT EASEMENT: 0.08 ACRE TEMPORARY WORKSPACE: 2.15 ACRES EXISTING PERMANENT EASEMENT: 5.64 ACRES PREVIOUSLY DISTURBED TEMPORARY WORKSPACE: 0.63 ACRE ADDITIONAL TEMPORARY WORKSPACE: 1.59 ACRE ACCESS ROAD: 0.92 ACRE ACCESS ROAD TOTAL DISTANCE: 1648.0 FEET STAGING AREA: N/A		M M MOTT MACDONALD	
PROJ. ID 21508	ENGINEER	FIELD BOOK	COUNTY(IES) FRANKLIN COUNTY
SURVEY DATE 08/2015		PAGE	SECTIONS 17 & 18, T-11-N, R-21-W
MAP DATE 8/23/2017			STATE(S) OHIO
APPROVED BY MM	4 08/2017 REVISE P.O.B. OF PERMANENT EASEMENT #2	PJD	SFB
	3 07/2017 REVISED PER LAND/LEGAL COMMENTS	CDJ	SFB
	2 08/2017 REVISED PER CLIENT REQUEST	PJD	DAN
	1 7/2016 FINAL SUBMITTAL	MM	DAN
SCALE 1"=300'	NO. DATE	REVISION	DRWN
			CHKD
			APPD
		SHEET NO. 3 OF 6	
		DRAWING NO. OH-FN-0179.000	

EXHIBIT "A"

PERMANENT PIPELINE EASEMENT, TEMPORARY WORKSPACE, ADDITIONAL TEMPORARY WORKSPACE AND PERMANENT ACCESS ROAD LYING WITHIN AND BEING FROM
 APN 530138294
 SECTIONS 17 & 18, T-11-N, R-21-W
 MADISON TOWNSHIP, FRANKLIN COUNTY, OHIO



VICINITY MAP
N.T.S.



CITY OF COLUMBUS, OHIO

D.V. 3098, PG. 496,
 D.V. 3098, PG. 499
 D.V. 3051, PG. 681,
 D.V. 553 & D.V. 3017, PG. 690
 OH-FN-0179.000
 APN 530138294
 O.R.F.C.O.

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LEGEND

Q	BASELINE
T	TOWNSHIP
R	RANGE
D.B.	DEED BOOK
P.B.	PLAT BOOK
D.V.	DEED VOLUME
I.N.	INSTRUMENT
P.G.	PAGE
P.O.B.	POINT OF BEGINNING
P.O.T.	POINT OF TERMINATION
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C.P.B.	CONDO PLAT BOOK
ROW	RIGHT OF WAY
PERM.	PERMANENT
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APN	AUDITOR PARCEL NUMBER
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P.I.	PROPERTY LINE
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—	ADDITIONAL TEMPORARY WORKSPACE
—	STAGING AREA
—	ACCESS ROAD

E. Shaw
 HOLLAND E. SHAW
 P.S. NO. 8644
 PHONE: (413) 535-0135
 FAX: (413) 788-0438
 DATE: 8/23/17



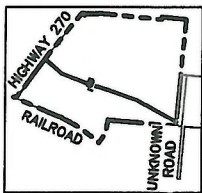
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PROJ. ID 21508	ENGINEER HOLLAND E. SHAW	FIELD BOOK PAGE	COUNTY(IES) FRANKLIN COUNTY SECTIONS 17 & 18, T-11-N, R-21-W
SURVEY DATE 08/2015	MAP DATE 8/23/2017	APPROVED BY MM	STATE(S) OHIO
SCALE 1"=400'	NO. DATE	REVISION	SHEET NO. 2 OF 6 DRAWING NO. OH-FN-0179.000

EXHIBIT "A"

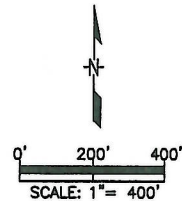
PERMANENT PIPELINE EASEMENT, TEMPORARY WORKSPACE, ADDITIONAL TEMPORARY WORKSPACE AND PERMANENT ACCESS ROAD LYING WITHIN AND BEING FROM

APN 530138294

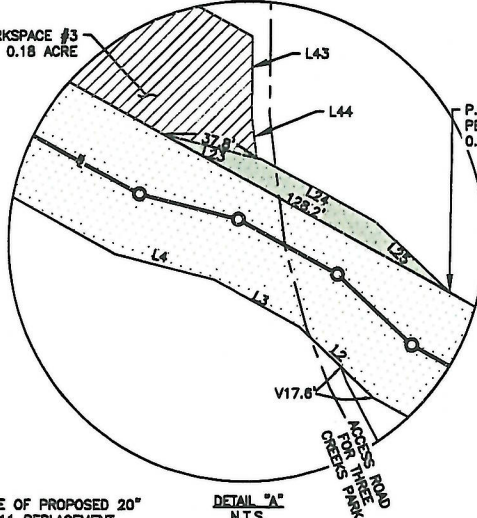
SECTIONS 17 & 18, T-11-N, R-21-W
MADISON TOWNSHIP, FRANKLIN COUNTY, OHIO



VICINITY MAP
N.T.S.



TEMPORARY WORKSPACE #3
0.18 ACRE

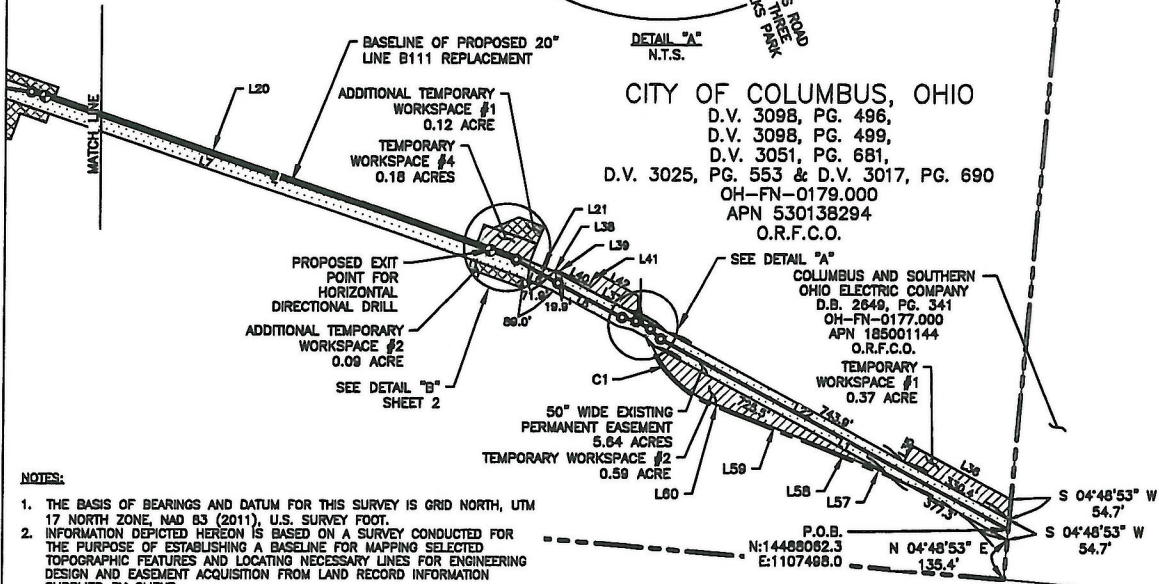


P.O.B. PROPOSED PERMANENT EASEMENT #1
0.02 ACRE

DETAIL "A"
N.T.S.

CITY OF COLUMBUS, OHIO

D.V. 3098, PG. 496,
D.V. 3098, PG. 499,
D.V. 3051, PG. 681,
D.V. 3025, PG. 553 & D.V. 3017, PG. 690
OH-FN-0179.000
APN 530138294
O.R.F.C.O.



NOTES:

1. THE BASIS OF BEARINGS AND DATUM FOR THIS SURVEY IS GRID NORTH, UTM 17 NORTH ZONE, NAD 83 (2011), U.S. SURVEY FOOT.
2. INFORMATION DEPICTED HEREON IS BASED ON A SURVEY CONDUCTED FOR THE PURPOSE OF ESTABLISHING A BASELINE FOR MAPPING SELECTED TOPOGRAPHIC FEATURES AND LOCATING NECESSARY LINES FOR ENGINEERING DESIGN AND EASEMENT ACQUISITION FROM LAND RECORD INFORMATION SUPPLIED BY CLIENT.
3. THIS IS AN EASEMENT DRAWING AND IS NOT INTENDED TO REPRESENT A BOUNDARY SURVEY PURSUANT TO CHAPTER 4733-37, O.A.C.
4. LAND RECORDS AND DEED INFORMATION SUPPLIED BY NORTHEASTERN LAND SERVICES. THIS DOCUMENT WAS PRODUCED WITHOUT THE BENEFIT OF A TITLE REPORT.
5. TEMPORARY WORKSPACE AND ADDITIONAL TEMPORARY WORKSPACE LIES ADJACENT AND CONTIGUOUS TO THE PERMANENT EASEMENT UNLESS OTHERWISE NOTED. THE SIDE LINES OF SAID EASEMENT, TEMPORARY WORKSPACE AND ADDITIONAL TEMPORARY WORKSPACE LENGTHEN OR SHORTEN TO INTERSECT PROPERTY LINES, FOREIGN PIPELINES, WATER BODIES AND OTHER FEATURES THAT ARE NOT PERPENDICULAR TO THE BASELINE.
6. THE DIMENSIONS SHOWN FOR THE TEMPORARY WORKSPACE AND ADDITIONAL TEMPORARY WORKSPACE ARE BASED ON MEASUREMENTS ALONG AND PERPENDICULAR TO THE PERMANENT EASEMENT.

LEGEND

U	BASILINE
T	TOWNSHIP
R	RANGE
D.B.	DEED BOOK
P.B.	PLAT BOOK
D.V.	DEED VOLUME
I.N.	INSTRUMENT
PG.	PAGE
P.O.B.	POINT OF BEGINNING
P.O.T.	POINT OF TERMINATION
P.O.S.	POINT OF SUSPENSION
P.O.R.	POINT OF RESUMPTION
C.P.B.	CONDO PLAT BOOK
ROW	RIGHT OF WAY
PERM.	PERMANENT
CONC.	CONCRETE
MON.	MONUMENT
FND.	FOUND
N.T.S.	NOT TO SCALE
APN	AUDITOR PARCEL NUMBER
O.R.F.C.O.	OFFICIAL RECORDS OF FRANKLIN COUNTY, OHIO
—○—	P.I.
—+—	ROADWAY CENTERLINE
— —	EXISTING PIPELINE
— —	PROPERTY LINE
— —	ADJACENT PROPERTY LINE
▨	EXISTING PERMANENT EASEMENT
▨	PROPOSED PERMANENT EASEMENT
▨	TEMPORARY WORKSPACE
▨	PREVIOUSLY DISTURBED TEMPORARY WORKSPACE
▨	ADDITIONAL TEMPORARY WORKSPACE
▨	STAGING AREA
▨	ACCESS ROAD

Holland E. Shaw

HOLLAND E. SHAW
P.S. NO. 8644
PHONE: (413) 535-0135
FAX: (413) 788-0438

8/23/17



PROJECT RIGHT OF WAY ACROSS THE PROPERTY OF: CITY OF COLUMBUS, OHIO			
DISTANCE ACROSS PROPERTY: 4991.8 FEET = 302.53 RODS PROPOSED PERMANENT EASEMENT: 0.08 ACRE EXISTING PERMANENT EASEMENT: 5.64 ACRES PREVIOUSLY DISTURBED TEMPORARY WORKSPACE: 0.63 ACRE ADDITIONAL TEMPORARY WORKSPACE: 1.59 ACRE ACCESS ROAD TOTAL DISTANCE: 1648.0 FEET		<p>M M</p> <p>MOTT MACDONALD</p>	
PROJ. ID 21508	ENGINEER	FIELD BOOK PAGE	COUNTY(IES) FRANKLIN COUNTY SECTIONS 17 & 18, T-11-N, R-21-W
SURVEY DATE 08/2015			STATE(S) OHIO
MAP DATE 8/23/2017			SHEET NO. 1 OF 6
APPROVED BY	4 08/2017 REVISE P.O.B. OF PERMANENT EASEMENT #1	PAD	SPB
	3 07/2017 REVISED PER LAND/LEGAL COMMENTS	CAD	SPB
	2 08/2017 REVISED PER CLIENT REQUEST	PAD	DAN
	1 07/2018 FINAL SUBMITTAL	H&M	H&M
SCALE 1"=400'			DRAWING NO. OH-FN-0179.000
	NO. DATE FINAL SUBMITTAL REVISION	DRWN	CHKD

EXHIBIT "A"

PERMANENT PIPELINE EASEMENT, TEMPORARY WORKSPACE, ADDITIONAL TEMPORARY WORKSPACE AND PERMANENT ACCESS ROAD LYING WITHIN AND BEING FROM APN 530138294 SECTIONS 17 & 18, T-11-N, R-21-W MADISON TOWNSHIP, FRANKLIN COUNTY, OHIO

LINE TABLE		LINE TABLE		LINE TABLE	
BEARING	DISTANCE	BEARING	DISTANCE	BEARING	DISTANCE
L1	N 61°21'11" W	1102.5'	L41	N 28°38'48" E	40.0'
L2	N 46°52'32" W	40.0'	L42	S 81°21'12" E	130.0'
L3	N 81°21'11" W	38.0'	L43	S 00°13'48" W	30.0'
L4	N 75°49'50" W	40.0'	L44	S 07°14'41" E	18.8'
L5	N 81°21'11" W	203.2'	L45	N 18°58'34" E	50.0'
L6	N 67°58'06" W	123.6'	L46	S 71°01'27" E	117.9'
L7	N 71°01'27" W	1780.8'	L47	S 87°58'08" E	37.8'
L8	N 68°14'38" W	658.9'	L48	S 22°08'57" W	50.0'
L9	N 67°58'08" W	43.0'	L49	N 67°14'27" E	75.1'
L10	N 55°34'12" W	44.2'	L50	S 71°01'27" E	35.5'
L11	N 48°58'43" W	617.2'	L51	S 87°58'08" E	39.0'
L12	N 38°27'05" W	113.4'	L52	S 22°08'25" W	50.0'
L13	N 38°38'13" E	3.8'	L53	S 22°08'25" W	25.0'
L14	S 48°58'36" E	19.2'	L54	N 07°58'08" W	34.0'
L15	S 65°35'15" E	89.0'	L55	N 71°01'27" W	114.8'
L16	S 48°58'43" E	621.6'	L56	N 18°58'33" E	25.0'
L17	S 55°34'12" E	35.8'	L57	N 68°00'28" W	49.0'
L18	S 67°58'06" E	37.0'	L58	N 67°52'06" W	163.0'
L19	S 69°14'38" E	657.5'	L59	N 68°23'38" W	244.1'
L20	S 71°01'27" E	1781.3'	L60	N 67°44'15" W	93.3'
L21	S 67°58'06" E	128.0'	L61	N 38°38'17" E	50.2'
L22	S 81°21'11" E	1402.2'	L62	S 48°58'36" E	15.7'
L23	S 75°49'50" E	40.0'	L63	S 65°35'15" E	58.8'
L24	S 81°21'11" E	50.7'	L64	S 47°40'34" E	31.3'
L25	S 48°58'32" E	40.0'	L65	S 18°01'09" E	23.6'
L26	N 85°35'21" W	89.1'	L66	S 02°52'17" E	39.6'
L27	N 48°38'54" W	22.5'	L67	S 65°35'15" E	30.2'
L28	N 50°38'38" W	38.4'	L68	S 48°58'43" E	626.0'
L29	S 20°45'22" W	38.4'	L69	S 55°34'12" E	27.5'
L30	N 68°30'30" W	42.3'	L70	S 67°58'08" E	31.0'
L31	N 48°18'12" W	668.2'	L71	S 69°14'38" E	49.1'
L32	N 37°18'37" W	12.6'	L72	S 20°45'22" W	50.0'
L33	N 11°59'58" W	38.6'	L73	N 20°45'22" E	25.0'
L34	N 38°48'58" E	17.4'	L74	S 68.14'38" E	713.8'
L35	N 28°38'48" E	50.0'	L75	S 71°01'27" E	447.8'
L36	S 81°21'11" E	308.4'	L76	S 18°58'33" W	25.0'
L37	N 81°21'11" W	199.7'	L77	S 18°58'33" W	25.0'
L38	N 22°08'28" E	5.0'	L78	N 71°01'27" W	75.0'
L39	S 67°58'06" E	20.2'	L79	S 18°58'33" W	75.0'
L40	S 64°50'07" E	82.3'	L80	N 71°01'27" E	200.0'

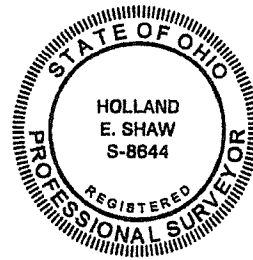
CURVE TABLE	
C1	R= 321.6' Δ ANGLE: 37°51'04" ARC LENGTH: 212.5' CHORD BEARING: N 42°04'32" W CHORD DISTANCE: 208.6'
C2	R= 160.6' Δ ANGLE: 45°31'34" ARC LENGTH: 136.2' CHORD BEARING: N 65°49'32" E CHORD DISTANCE: 132.2'

NOTES:

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- THE DIMENSIONS SHOWN FOR THE TEMPORARY WORKSPACE AND ADDITIONAL TEMPORARY WORKSPACE ARE BASED ON MEASUREMENTS ALONG AND PERPENDICULAR TO THE PERMANENT EASEMENT.

[Signature]
HOLLAND E. SHAW
P.E. NO. 8644
PHONE: (413) 535-0135
FAX: (413) 788-0438

8/23/17



LEGEND

T	BASELINE
T	TOWNSHIP
R	RANGE
D.B.	DEED BOOK
P.B.	PLAT BOOK
D.V.	DEED VOLUME
I.N.	INSTRUMENT
P.O.	PAGE
P.O.B.	POINT OF BEGINNING
P.O.T.	POINT OF TERMINATION
P.O.S.	POINT OF SUSPENSION
P.O.R.	POINT OF RESUMPTION
C.P.B.	CONDO PLAT BOOK
R.O.W.	RIGHT OF WAY
P.E.R.M.	PERMANENT
C.O.N.C.	CONCRETE
M.O.N.	MONUMENT
F.N.D.	FOUND
N.T.S.	NOT TO SCALE
A.P.N.	ADJOUR PARCEL NUMBER
O.R.F.C.O.	ORIGINAL RECORDS OF FRANKLIN COUNTY, OHIO
P.L.	P.L.
—○—	ROADWAY CENTERLINE
— —	EXISTING PIPELINE
— —	PROPERTY LINE
— —	ADJACENT PROPERTY LINE
— —	EXISTING PERMANENT EASEMENT
— —	PROPOSED PERMANENT EASEMENT
— —	TEMPORARY WORKSPACE
— —	PREVIOUSLY DISTURBED TEMPORARY WORKSPACE
— —	ADDITIONAL TEMPORARY WORKSPACE
— —	STAGING AREA
— —	ACCESS ROAD

PROJECT		RIGHT OF WAY ACROSS THE PROPERTY OF: CITY OF COLUMBUS, OHIO	
DISTANCE ACROSS PROPERTY: 4981.8 FEET = 302.53 RODS PROPOSED PERMANENT EASEMENT: 0.08 ACRE TEMPORARY WORKSPACE: 2.15 ACRES EXISTING PERMANENT EASEMENT: 5.84 ACRES PREVIOUSLY DISTURBED TEMPORARY WORKSPACE: 0.63 ACRE ADDITIONAL TEMPORARY WORKSPACE: 1.59 ACRE ACCESS ROAD: 0.820.94 ACRE ACCESS ROAD TOTAL DISTANCE: 1848.0 FEET STAGING AREA: N/A			
PROJ. ID	ENGINEER	FIELD BOOK	
21506		PAGE	
SURVEY DATE	08/2015		
MAP DATE	8/23/2017		
APPROVED BY	4 08/2017	RENEWED FOR PERMANENT EASEMENT IN	P.B. 878 188
MM	5 02/2017	RENEWED FOR LAND/ALIAS, COMMENTS	D.S. 879 188
SCALE	2 08/2017	RENEWED FOR CLIENT REQUEST	P.B. 878 188
1"=300'	1 7/2018	FINAL SURVEY	H.M. 878 188
	NO. DATE	REVISION	ORGN CRD APPD

Columbia
Gas Transmission

M M
MOTT
MACDONALD

COUNTY(IES)
FRANKLIN COUNTY
SECTIONS 17 & 18, T-11-N,
R-21-W

STATE(S)
OHIO

SHEET NO. 4 OF 6
DRAWING NO.
OH-FN-0179.000

Written: August 23, 2017
OH-FN-0179.000
Columbia Gas Transmission
8111 20" Pipeline Project
City of Columbus, Ohio
0.02 Acre Proposed Permanent Pipeline Easement #1
0.06 Acre Proposed Permanent Pipeline Easement #2
0.82 Acre Proposed Permanent Access Road

GENERAL DESCRIPTION

Situated in the State of Ohio, Franklin County, Madison Township, lying within and being a part of Sections 17 and 18, Township 11 North, Range 21 West, and being on, over and across a tract of land conveyed City of Columbus, Ohio (hereinafter referred to as "Columbus") by deeds of record in Deed Volume 3098, Page 496, Deed Volume 3098, Page 499, Deed Volume 3051, Page 681, Deed Volume 3025, Page 553 and Deed Volume 3017, Page 690 (all records referenced herein refer to the records of the Recorder's Office, Franklin County, Ohio).

PROPOSED PERMANENT PIPELINE EASEMENT #1 DESCRIPTION

Being a metes and bounds description of land and being more particularly described as follows:

COMMENCING at a point on a common line to the easterly line of said Columbus and the westerly line of a tract of land conveyed to Columbus and Southern Ohio Electric Company (hereinafter referred to as "Southern") by deed of record in Deed Book 2649, Page 341, said point bearing North 04°48'53" East, a distance of 190.1 feet from the common southerly corner to said Columbus and Southern tracts;

THENCE North 61°21'11" West, across said Columbus tract, a distance of 1,074.3 feet to the **POINT OF BEGINNING**.

THENCE continuing across said Columbus tract, the following four (4) courses:

- 1) North 61°21'11" West, a distance of 128.2 feet to a point;
- 2) South 75°49'50" East, a distance of 40.0 feet to a point;
- 3) South 61°21'11" East, a distance of 50.7 feet to a point; and
- 4) South 46°52'32" East, a distance of 40.0 feet to the **POINT OF BEGINNING**.

The above described Proposed Permanent Easement contains 0.02 acre, more or less.

PROPOSED PERMANENT PIPELINE EASEMENT #2 DESCRIPTION

Being a metes and bounds description of land and being more particularly described as follows:

BEGINNING at a point on a common line to the northwesterly line of said Columbus tract and the southeasterly right-of-way line of I-270, said point bearing North 36°40'55" East, a distance of 1,505.6 feet from a common corner to a southwesterly corner of said Columbus tract and an angle point on said right-of-way line;

THENCE North 36°36'17" East, continuing along said common line, a distance of 46.6 feet to a point;

THENCE across said Columbus tract, the following three (3) courses:

- 1) South 38°27'05" East, a distance of 113.4 feet to a point;
- 2) North 65°35'21" West, a distance of 89.1 feet to a point; and
- 3) North 49°38'54" West, a distance of 22.5 feet to the **POINT OF BEGINNING**.

The above described Proposed Permanent Easement contains 0.06 acre, more or less.

PROPOSED PERMANENT ACCESS ROAD

Being a centerline description, 12.5 feet each side of the following described centerline:

BEGINNING at a point on a common line to southwesterly line of said Columbus tract and the southeasterly right-of-way line of I-270, said point bearing North 75°51'00" East, a distance of 16.5 feet from the southwesterly corner of said Columbus tract and being on said right-of-way line;

THENCE across said Columbus tract, the following seven (7) courses:


- 1) South 66°43'35" East, a distance of 48.7 feet to a point of curvature;
- 2) With the arc of a curve to the left, having a radius of 160.8 feet, a delta angle of 48°31'34", an arc length of 136.2 feet and a chord bearing and distance of North 65°49'32" East, 132.2 feet to a point;
- 3) North 30°00'48" East, a distance of 193.3 feet to a point;
- 4) North 36°46'43" East, a distance of 79.4 feet to a point;
- 5) North 38°23'29" East, a distance of 84.5 feet to a point;
- 6) North 35°38'48" East, a distance of 625.9 feet to a point; and
- 7) North 36°36'17" East, a distance of 479.2 feet to the **POINT OF TERMINATION**.

The above described Proposed Permanent Access Road Easement contains 0.82 acre, more or less

JUNE SUPPLEMENT PLAT

Bearing Source: Grid North, Bearings and Distances are derived from static ties to existing NGS monuments and transformed into NAD 83 (2011), UTM 17 North Zone, U.S. Survey Foot, Global Positioning System (GPS) survey performed by Mott MacDonald.

I, Holland E. Shaw, Professional Surveyor No. 8644-Ohio, do hereby certify that the above description and the attached plat were prepared under my direction and supervision from land records and deed information supplied by Northeastern Land Services and from an actual field survey made on the ground within the month of August 2015.



Holland E. Shaw, P.S. Ohio No. 8644
Mott MacDonald
134 Capital Drive, Suite D
West Springfield, MA 01089
413-535-0135 – Office
413-788-0438 – Fax
COA No. 01776

8/23/17 Date

