

**Wayne L. Wieth, AICP**  
Director of Planning

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**Federal Energy Regulatory Commission**  
Attn: Kimberly Bose, Secretary  
888 First St. NE, Room 1A  
Washington, DC 20426

February 23, 2015

**Re: Proposed Nexus Pipeline and its impact on the City of Green**

The City of Green was incorporated in 1992 taking Green Township of Summit County to Village status then City status, by design through the wisdom of some forward thinking residents of the community. Incorporation under Ohio law allows Home Rule as a Charter Municipality, which the City of Green has purposely done.

In 1996 the City adopted its first Long Range Land Use Plan, this plan was revisited and adopted again in 2004. In 2014 City Council and the City's Planning & Zoning Commission again adopted the Land Use Plan for the City of Green (Reference A).

The City, at 33.5 square miles is the second largest government entity in land area in Summit County (Akron being the largest), with a population of 25,699 Green has seen on average a 1.7% population growth per year since 1990, well above the state average of 0.32% over the same time period. The City's business community also saw substantial growth in this time period. Additionally, the City has acquired, and developed/preserved over 530 acres of park land since 1992, when it had one senior community center with 3 acres of land surrounding it.

The proposed Nexus Pipeline route, as we understand it, is a study corridor of 600' wide that enters the City of Green on its eastern border with Lake Township in Stark County following the 100' easement for First Energy (Ohio Edison) which provides major transmission of the electric grid with two circuits, one being 69kV while the other is 345kV. This same entry point is in an area proposed for business and industrial development known as the Brienza property. The portion of this site that would be impacted has been determined to be wetland and therefore undevelopable by the developer, without the Army Corp of Engineers (ACOE) approval of a mitigation plan (Exhibit B).

As the proposed route moves west across Mayfair Road, it enters Ariss Park, a City owned park. A Master Plan for this park has been developed and is provided (Exhibit C). This route impacts old growth forest nearby and within the park. Two other environmental issues that need to be considered before any approvals across this park land are:

1. The abandoned mines within this area and the number of mine subsidence occurrences that have occurred (Exhibit D).
2. When the City developed the area of the park for fields and parking, the Ohio EPA required soil testing for all disturbed areas based on reports of illegal dumping of industrial waste from the Akron Rubber companies in the 1960's. The City's tests to date have not produced any level of contamination. However, if this route of the Nexus Pipeline is approved we would expect them to meet the same testing criteria (Reference E).

The proposed route crosses I-77 where ODOT has had to close lanes in at least two locations to address mine subsidence in the past. The 15 acre tract of land on the west side owned by the City of Green (acquired as part of Ariss Park) was deemed undevelopable by the ACOE without approved mitigation due to wetland impacts.

West of the City's 15 acres is privately owned and though currently agricultural in use, it is zoned Planned Development with an approved master development concept plan for its future development (Exhibit F). As the proposed route continues west through Green it approaches residential districts along the study corridor on the north and environmental concerns on the south (wetlands), then residential to both the north and south of the proposed route.

As it crosses SR 241 (Massillon Road) it passes an electrical substation on the south side of the corridor, and again residential structures to the south, and the Portage Lakes Career Center (PLCC) on its north. PLCC offers career training to high school students (2015 enrollment of high school students is 475) and additional evening adult classes. It serves not only Green but surrounding communities as well. With a community focus, PLCC provides up to three (3) soccer fields every spring and fall for Green Soccer Association (GSA) (Exhibit G).

As the route travels west it is proposed in backyards of residential homes from Massillon Road to Greensburg Road. These established residential neighborhoods are densely populated in the heart of our city. It appears as if some of the homes have a large back yard, however it is primarily unused due to the 100' Ohio Edison easement (some homes have located play structures and minor buildings within the easement as permitted by O.E).

As this proposed corridor turns south just south of Greensburg Road, the route is proposed for the east side of the Rabl Farm, which places the pipeline in close proximity to the new homes in the still developing Stoney Creek Subdivision and the approved but not yet built Sanctuary at Stoney Creek Subdivision (Exhibit H).

The route then travels south and then west through the Rabl Farm, dividing the farm. In a well planned community such as ours, this farm should not be allowed to be "cut in half" by a pipeline. The location of this farm lends itself to future development as it is surrounded by residential developments on three sides with the fourth side being road frontage on E Nimisila Road. The proposed route between the Rabl Farm west across Arlington Road is low density residential development. A lot of this land is undeveloped due to either farming activities, preservation purposes, or environmental limitations. The topography of the land on this side of the City is low as the terrain slopes towards Nimisila Reservoir (part of the Portage Lakes State Park). Impacts to the number of wetlands are a concern and should be limited. The City has a Riparian Corridor chapter in our Land Development Code for the protection of stream banks and vegetation along the banks. The proposed route includes several stream crossings.

We are currently unsure of the route at this point as Nexus has not shared detailed mapping of the proposed study corridor, though they agreed to share it at the October 8, 2014 meeting/open house.

On October 30<sup>th</sup>, 2014, John Sheridan, President of Spectra Energy, and others representing Nexus met with Mayor Norton of the City of Green. At this meeting the proposed route maps through Green were again requested and the response was "we don't see why not", however, to date no maps have been provided. Also at this meeting, a map of an existing pipeline easement from Kensington, Ohio, east in southern Stark and southern Wayne County was provided to Mr. Sheridan. This route follows an existing Dominion Gas easement, known as the Columbia Gas Transmission pipeline, in a very rural area of Stark County and Wayne County (Exhibit I).

The requests for shared mapping for City Administration use and to answer questions from our residents have been ignored. Nexus, however, asked a number of times to survey city owned lands, the City's response has been not until mapping of the current proposed route is provided.

The southwestern portion of Green is part of a Dominion Gas storage field, this storage field and its related storage wells, injection wells and production wells (vertical) create a network of pipelines throughout the southwestern portion of the community. This may add to why development has lagged in this part of the city (Exhibit J shows this network of storage wells/gas lines).

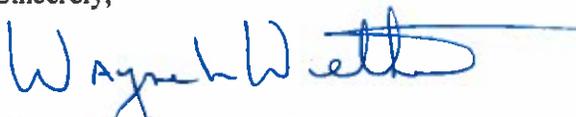
The City of Green is served by Akron Metropolitan Area Transportation Study (AMATS) as the Metropolitan Planning Organization (MPO) for state and federal transportation programs. The City of Green, parts of New Franklin and the Doylestown/Chippewa Township areas fall under the MPO's purview for transportation planning. The City of Green is recognized as "urbanized" under the federal guidelines that regulate the MPO. Green is also predominantly "urbanized" under the US Census Bureau's definition (Exhibit K).

The wetland impacts, as proposed by the pipeline corridor are shown in Exhibit L, which is a map of the study corridor as it travels through The City of Green, this exhibit shows all the major impacted areas of this proposed route. Please note these are areas that were defined as probable wetlands based on soil conditions, topography and aerial photography; they have not been formally delineated. Typically, additional areas/acres of wetlands are commonly noted on all studies and more wetlands would be most likely be impacted with this proposed route.

The City of Green is a Phase Two Community under the Federal NPDES program, as such, all land disturbances are required to have a Storm Water Pollution Prevention Plan approved by the City and the Summit Soil & Water Conservation District. Recent changes from the Ohio EPA require the City to support the Federally adopted TMDL (Total Maximum Daily Load) reports for our watersheds. A large scale project such as this pipeline will negate any efforts the City puts forth to up hold the TMDL reports.

In summary, we believe the City of Green is not an ideal location for the Nexus Pipeline for the reasons outlined above. The City is not opposed to the objectives of the Nexus Pipeline, but we firmly believe there are better alternate routes through more rural, less densely populated areas of our state.

Sincerely,



**Wayne L. Wiethe, AICP**  
**Director of Planning**  
*WW:NB*

cc: *Sherrod Brown, U.S. Senator*  
*Rob Portman, U.S. Senator*  
*Jim Renacci, Congressman*  
*John Kasich, Governor*  
*Frank LaRose, Ohio State Senator*  
*Anthony DeVitis, Ohio State Representative*  
*Russ Pry, Summit County Executive*  
*John Sheridan, Director of State Gov Affairs Spectra Energy*  
*Brian Hicks, Hicks Partners*  
*David Slater, Executive Vice President-Gas Storage & Pipeline*

## *References/Exhibits*

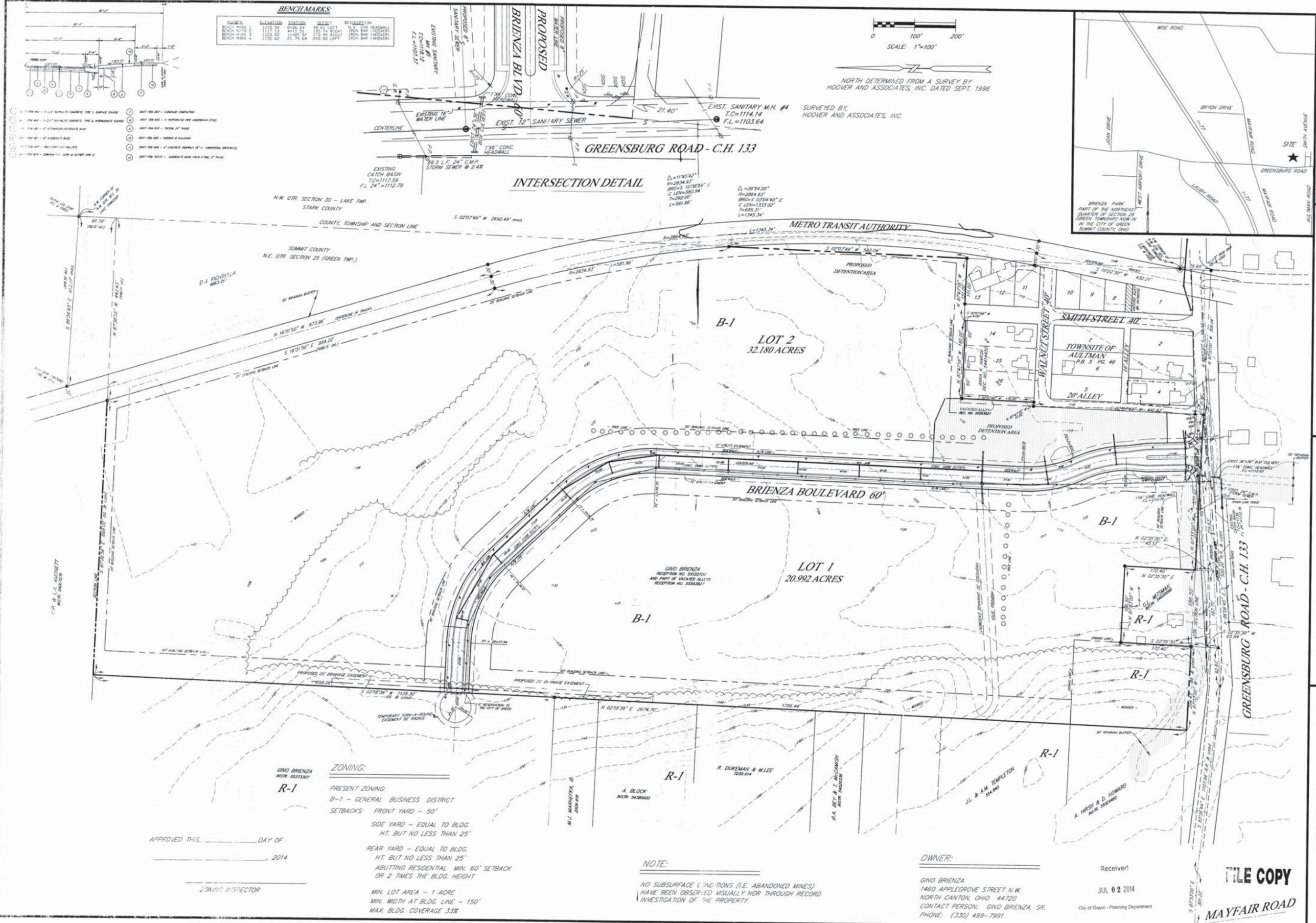
- A. Land Use Plan -1996, 2004 & 2014(Available)*
- B. Brienza Park Plan (attached)*
- C. Ariss Park Master Plan (attached)*
- D. Abandoned Coal Mine Maps/ ODNR Subsidence Reports (attached)*
- E. Ariss Park Phase I- Soil Test (available)*
- F. Park Place Master Plan (attached)*
- G. PLCC – Aerial (attached)*
- H. Sanctuary at Stoney Creek (attached)*
- I. Columbia Gas Transmission Pipeline (attached)*
- J. Dominion East Ohio Storage Field (attached)*
- K. Urbanized Area map(attached)*
- L. Wetland/Impact Map (attached)*

NO	DATE	DESCRIPTION	BY

PRELIMINARY PLAT

**Hettler** LLC  
 Civil & Construction Consultants  
 1225 North Main Street Suite A North Canton, OH 44720  
 PH: 330-966-1776 cvleng@hettlerengineering.com

BRIENZA PARK  
 SUMMIT COUNTY, OHIO  
 PART OF THE NORTHEAST  
 QUARTER SECTION 25  
 (GREEN TOWNSHIP)  
 NOW THE CITY OF GREEN



- 1. 1" = 100' SCALE
- 2. NORTH DETERMINED FROM A SURVEY BY HOOVER AND ASSOCIATES, INC. DATED SEPT. 1996
- 3. SURVEYED BY: HOOVER AND ASSOCIATES, INC.
- 4. 1" = 100' SCALE
- 5. 1" = 100' SCALE
- 6. 1" = 100' SCALE
- 7. 1" = 100' SCALE
- 8. 1" = 100' SCALE
- 9. 1" = 100' SCALE
- 10. 1" = 100' SCALE
- 11. 1" = 100' SCALE
- 12. 1" = 100' SCALE
- 13. 1" = 100' SCALE
- 14. 1" = 100' SCALE
- 15. 1" = 100' SCALE
- 16. 1" = 100' SCALE
- 17. 1" = 100' SCALE
- 18. 1" = 100' SCALE
- 19. 1" = 100' SCALE
- 20. 1" = 100' SCALE

APPROVED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 2014

ZONING INSPECTOR

**FILE COPY**



# ARISS PARK MASTERPLAN

FEBRUARY 2007

**LEGEND:**

- AREA OUTSIDE OF PROJECT LIMITS
- GROUND LEVEL VEGETATION
- TREES
- OPEN BODY OF WATER
- PROPERTY LINE
- PROPOSED TREES
- PROPOSED AGGREGATE PATH
- CONTOURS
- EXISTING STRUCTURES



PREPARED FOR:



PREPARED BY:



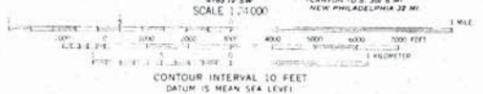
Ariss Park Master Plan 2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

NORTH CANTON QUADRANGLE  
OHIO  
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey  
Revised in cooperation with State of Ohio agencies  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial  
photographs taken 1967. Field checked 1959  
Revised from aerial photographs taken 1966. Field checked 1967  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Ohio coordinate system, north zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 17. Shown in blue  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked  
Red tint indicates areas in which only landmark buildings are shown  
Land lines within the Connecticut Western Reserve established by  
private subdivision. Land lines within Congress Lands  
north of the Old Seven Ranges based on the Ohio River Base



ROAD CLASSIFICATION  
Primary highway, all weather. Light duty road, all weather.  
hard surface. improved surface  
Secondary highway, all weather. Unimproved road, fair or dry  
hard surface. weather  
Interstate Route  
State Route

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

NORTH CANTON, OHIO  
N4052 5-W8122 5/7 5  
1967  
PHOTOREVISED 1978  
AMS 4765 IV NW-SERIES V852

STATE OF OHIO  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF GEOLOGICAL SURVEY  
Richard M. DeLong, principal compiler  
1980  
Revised 1982  
Updated February 1983

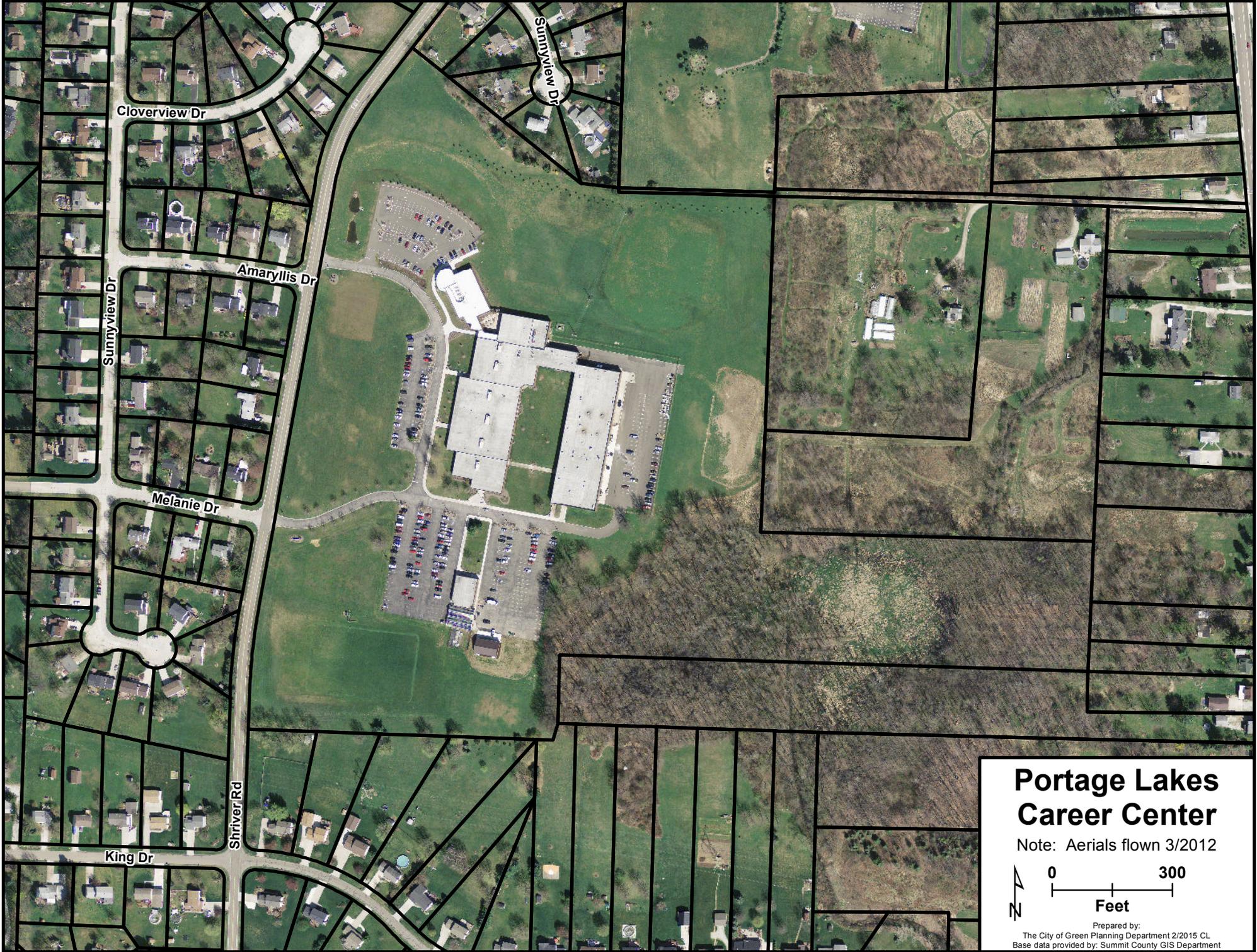
	Areal extent of mine below major drainage		Shaft entry		Gob pile
	Areal extent of mine above major drainage		Air shaft or pumping shaft		Subsidence area
	Division of Mines file number. Extent of mine determined from mine map on file at the Ohio Division of Mines. Letter prefix refers to county in which mine is registered. See Division of Geological Survey data sheet for additional information.		Slope entry		Superimposed mines
	Division of Geological Survey file number. Extent of mine unknown; no map in existence. See Division of Geological Survey data sheet for additional information.		Drift entry		Mined-out area partially indicated on Division of Mines abandoned mine maps, exact extent unknown
			Mine location		

ABANDONED UNDERGROUND MINE MAP SERIES

N. CANTON

117





# Portage Lakes Career Center

Note: Aerials flown 3/2012

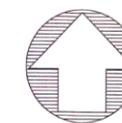


Prepared by:  
The City of Green Planning Department 2/2015 CL  
Base data provided by: Summit County GIS Department

# Sanctuary at Stoney Creek Subdivision Phase 1

MATCH LINE SHEET 3

MATCH LINE SHEET 3

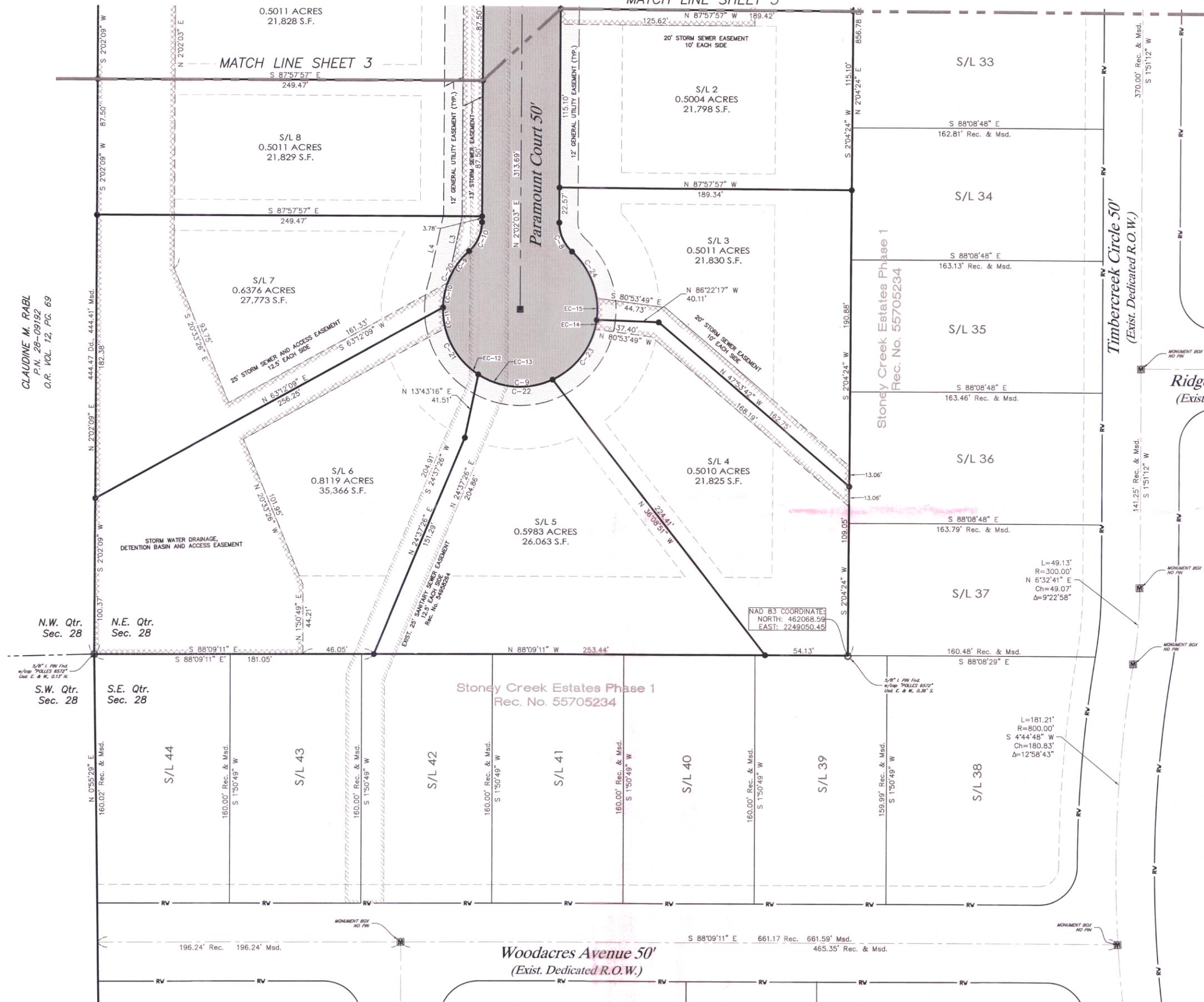


GRAPHIC SCALE



( IN FEET )  
1 inch = 30 ft.

CLAUDINE M. RABL  
P.N. 28-09192  
O.R. VOL. 12, PG. 69



### SURVEYOR CERTIFICATION

This Plat was prepared from a field survey, analysis of recorded plats, recorded deeds, and survey records, as applicable. Distances are given in feet and decimal parts thereof.

Guy P. Haney P.S. No. 57831 10/7/14 Date



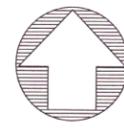
E. Nimisila Road (C.H. 329)

Springview Estates Phase 2  
P.V. 52, Pg. 25

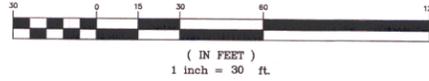
Medley Drive 50'

Sanctuary at Stoney  
Creek Subdivision  
Phase 1

N.W. Qtr. Sec. 28  
N.E. Qtr. Sec. 28



GRAPHIC SCALE



PHILIP W. AND SUSAN M. SMITH  
P.N. 28-10829  
REC. NO. 54095065  
01/15/1998

TIMOTHY K. FREEMAN  
P.N. 28-14328  
REC. NO. 54874324  
05/16/2003

NAD 83 COORDINATE:  
NORTH: 462924.62  
EAST: 2249081.43

EASEMENT LINE DATA

SEGMENT	LENGTH	BEARING
L1	12.08	N 02°04'24" E
L2	12.92	N 01°51'12" E
L3	43.91	N 14°01'09" E
L4	41.90	N 14°01'09" E

PARCEL CURVE DATA

SEGMENT	LENGTH	RADIUS	DELTA	CHORD	CH. BEARING
C-1	130.37	300.00	24°53'54"	129.34	S 75°41'52" E
C-2	129.42	300.00	24°43'00"	128.42	S 75°36'25" E
C-3	8.49	300.00	1°37'20"	8.49	N 64°03'35" W
C-4	120.92	300.00	23°05'40"	120.11	N 76°25'06" W
C-5	40.31	100.00	23°05'41"	40.04	N 13°34'54" E
C-6	93.56	325.00	16°29'38"	93.24	N 79°53'59" W
C-7	43.60	23.50	106°18'47"	37.61	S 55°11'27" W
C-8	21.03	25.00	48°11'23"	20.41	S 22°03'38" E
C-9	50.41	50.00	57°45'40"	48.30	N 84°16'53" W
C-10	21.03	25.00	48°11'23"	20.41	N 26°07'45" E
C-11	49.96	36.00	79°30'52"	46.05	N 37°43'23" W
C-12	50.33	275.00	10°29'07"	50.26	N 82°43'22" W
C-13	97.89	325.00	17°15'25"	97.52	S 74°33'00" E
C-14	86.71	275.00	18°03'57"	86.35	S 72°16'54" E
C-17	15.16	325.00	2°40'22"	15.16	S 64°35'06" E
C-18	97.89	325.00	17°15'25"	97.52	S 74°33'00" E
C-19	27.15	325.00	4°47'13"	27.15	S 85°34'19" E
C-20	41.18	50.00	47°10'59"	40.02	N 26°37'57" E
C-21	51.00	50.00	58°26'29"	48.82	N 26°10'48" W
C-22	50.41	50.00	57°45'40"	48.30	N 84°16'53" W
C-23	50.00	50.00	57°17'45"	47.94	S 38°11'24" W
C-24	48.61	50.00	55°41'52"	46.71	S 18°18'24" E

EASEMENT CURVE DATA

SEGMENT	LENGTH	RADIUS	DELTA	CHORD	CH. BEARING
EC-1	32.75	263.00	7°08'08"	32.73	S 84°34'45" E
EC-2	81.53	263.00	17°45'45"	81.21	S 72°07'48" E
EC-3	13.11	337.00	2°13'42"	13.11	S 64°21'46" E
EC-4	7.50	337.00	1°16'33"	7.50	N 66°06'54" W
EC-5	19.18	337.00	3°15'38"	19.18	N 68°22'59" W
EC-6	78.44	337.00	13°20'12"	78.27	S 76°40'54" E
EC-7	27.36	337.00	4°39'05"	27.35	S 85°40'33" E
EC-8	31.60	36.00	50°17'28"	30.59	S 23°06'41" E
EC-9	24.95	50.00	28°35'44"	24.70	S 35°52'45" W
EC-10	16.18	50.00	18°32'26"	16.11	S 12°18'40" W
EC-11	13.51	48.60	15°55'54"	13.47	S 04°55'30" E
EC-12	7.26	50.00	8°19'25"	7.26	S 51°14'20" E
EC-13	20.65	50.00	23°39'52"	20.50	S 67°13'58" E
EC-14	6.19	50.00	7°05'44"	6.19	N 13°05'24" E
EC-15	13.99	50.00	16°02'11"	13.95	N 01°31'26" E

CLAUDINE M. RABL  
P.N. 28-09192  
O.R. VOL. 12, PG. 69

5' WIDE RESERVATION STRIP TO THE CENTERLINE OF THE STREET SHALL BE REMOVED UPON DEDICATION AND EXTENSION OF STREET FOR PUBLIC USE.

RESERVATION STRIP  
0.0057 ACRES  
250 S.F.

DED. ROW  
1.0940 ACRES  
47,657 S.F.

MATCH LINE SHEET 2

MATCH LINE SHEET 2

MATCH LINE SHEET 2

SURVEYOR CERTIFICATION

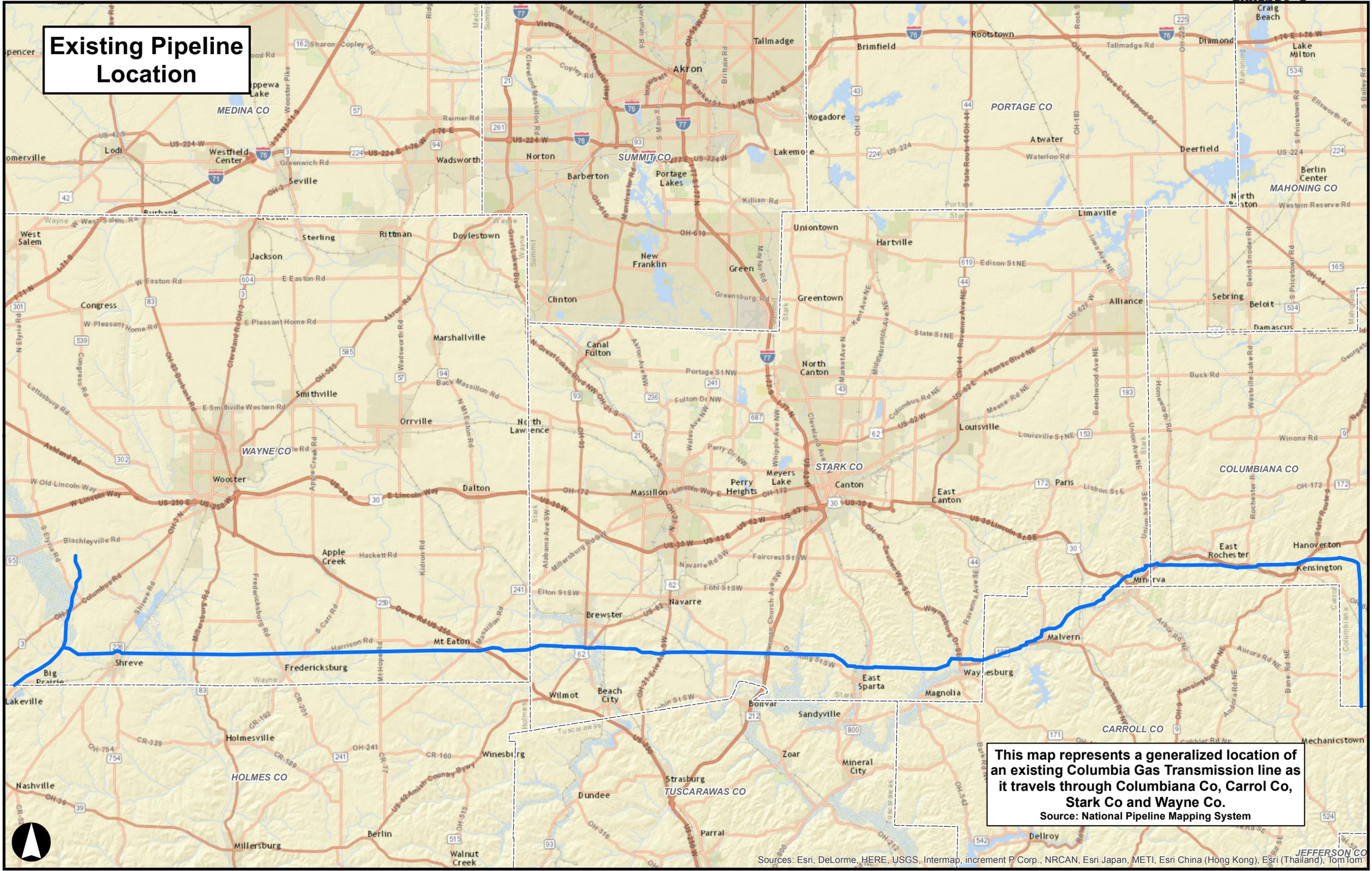
This Plat was prepared from a field survey, analysis of recorded plats, recorded deeds, and survey records, as applicable. Distances are given in feet and decimal parts thereof.

Guy P. Haney P.S. No. S-7831 10/7/18 Date



TGC Engineering, LLC  
1310 Sharon Copley Road, P.O. Box 37  
Sharon Center, OH 44274  
P 330.590.8004 F 330.239.6200  
Job No. 1284, Page 3 of 3

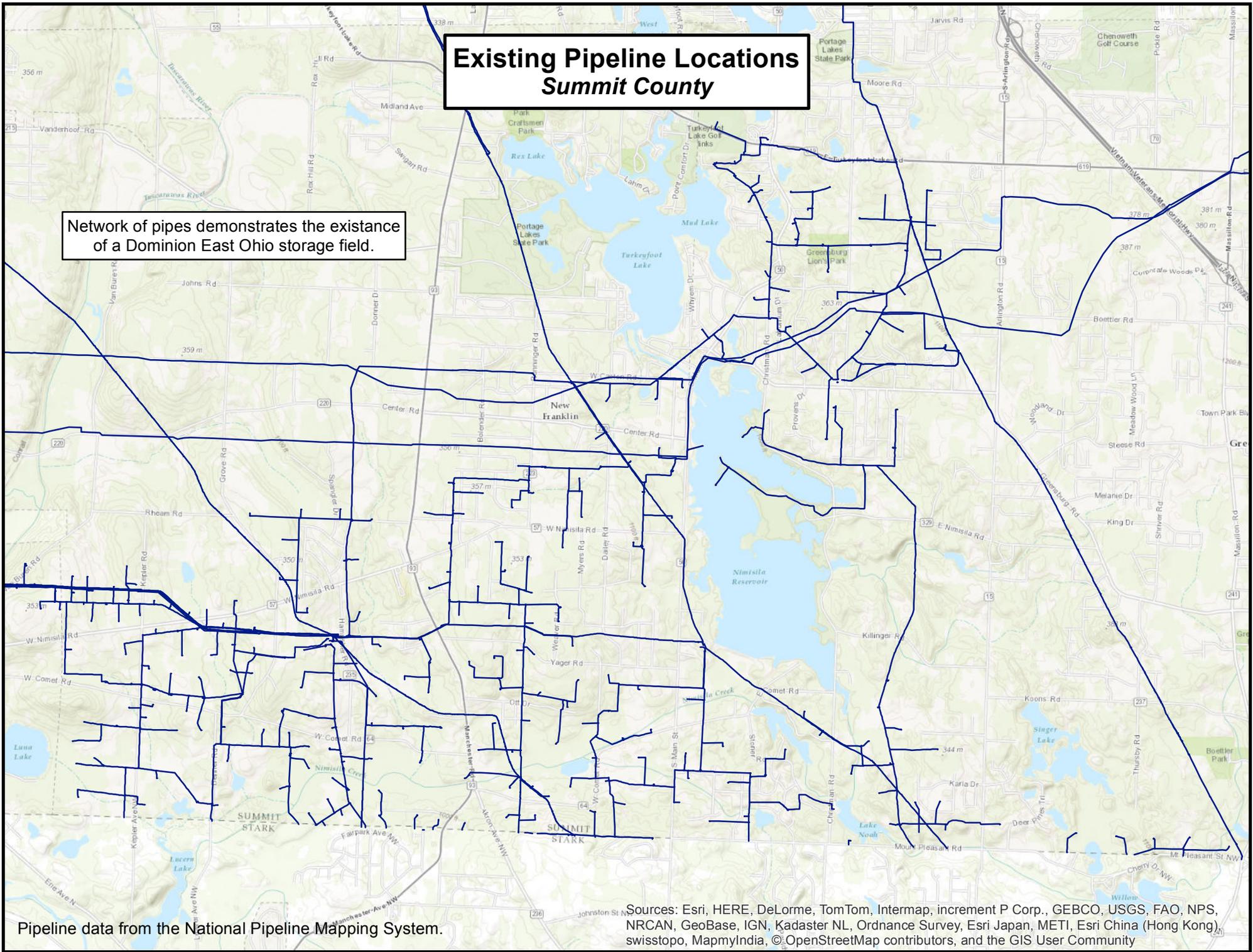
# Existing Pipeline Location



**This map represents a generalized location of an existing Columbia Gas Transmission line as it travels through Columbiana Co, Carrol Co, Stark Co and Wayne Co.**  
 Source: National Pipeline Mapping System

# Existing Pipeline Locations Summit County

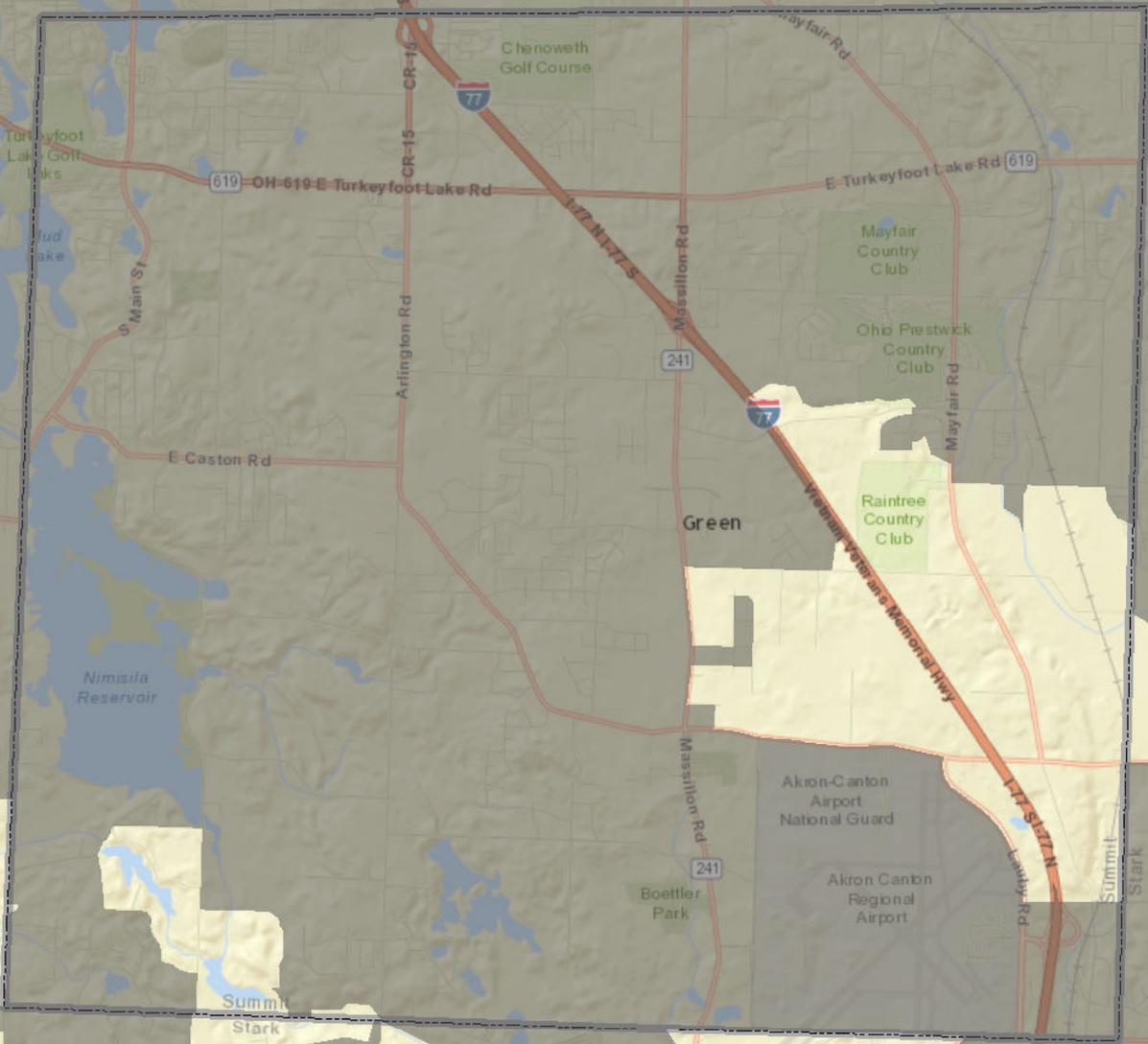
Network of pipes demonstrates the existence of a Dominion East Ohio storage field.



Pipeline data from the National Pipeline Mapping System.

Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

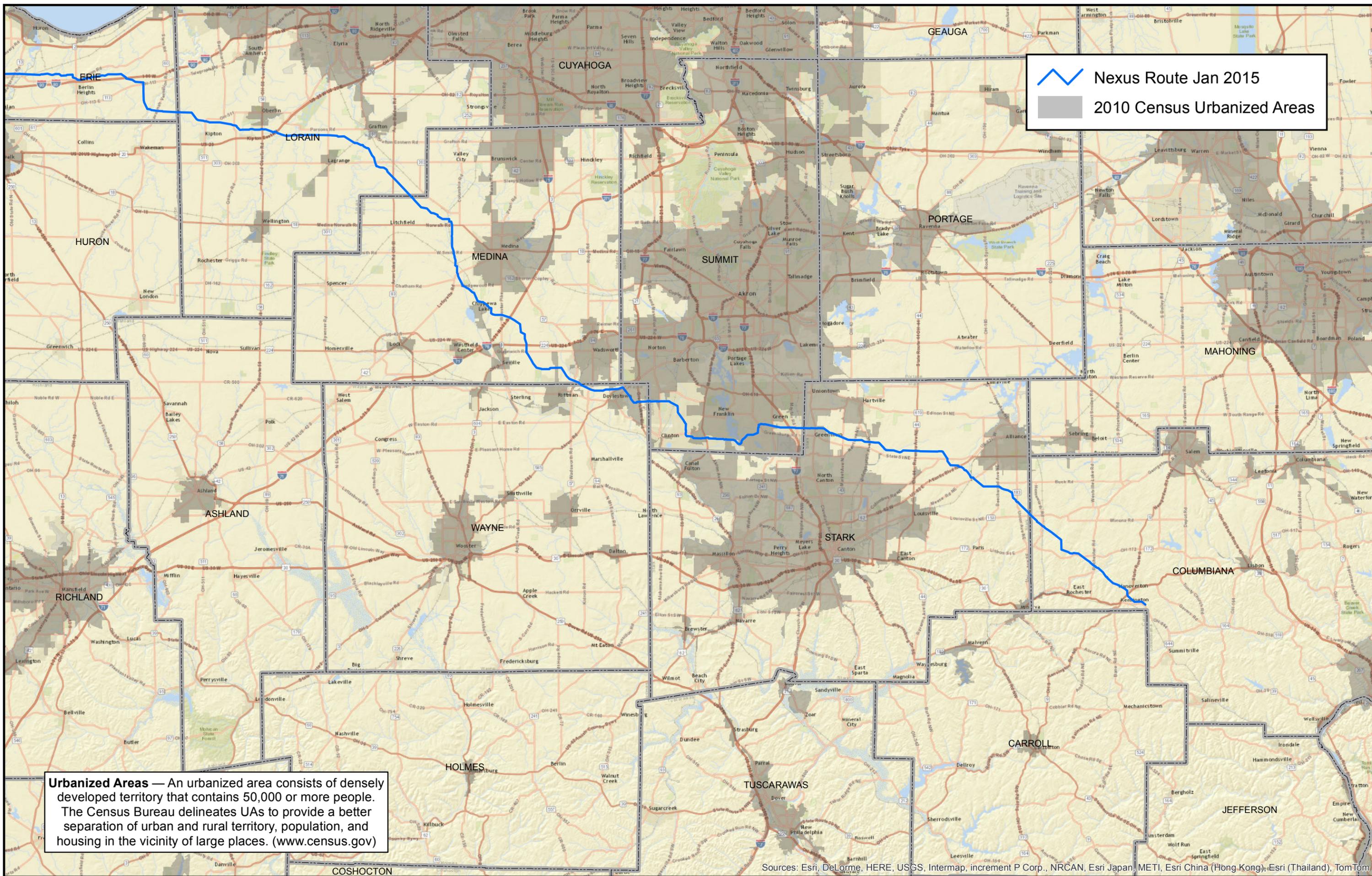
# Urbanized Area



**2010 Urbanized Area**

**Urbanized Areas** — An urbanized area consists of densely developed territory that contains 50,000 or more people. The Census Bureau delineates UAs to provide a better separation of urban and rural territory, population, and housing in the vicinity of large places. ([www.census.gov](http://www.census.gov))

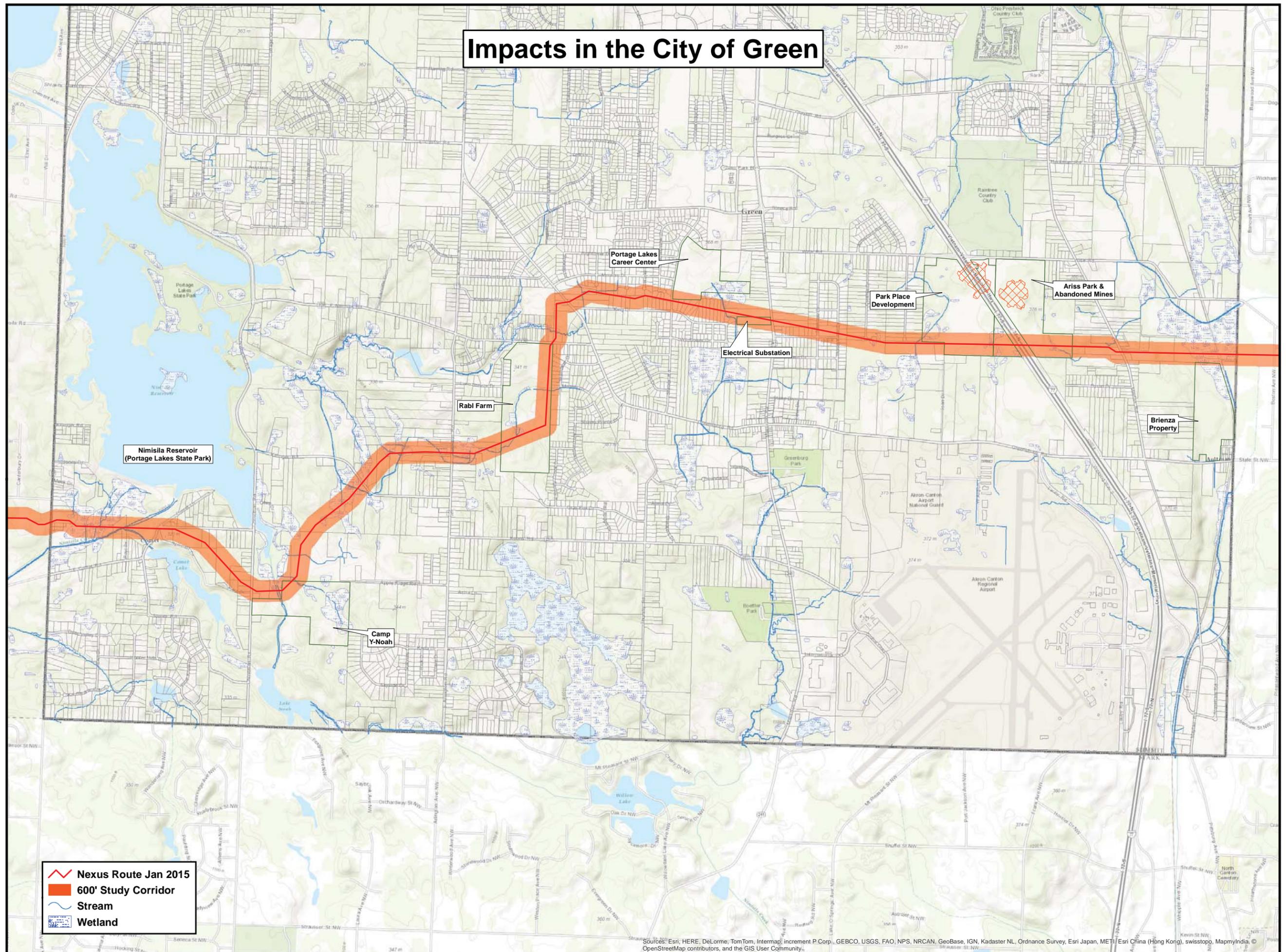
Sources: Esri, DeLorme, HERE, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom



 Nexus Route Jan 2015  
 2010 Census Urbanized Areas

**Urbanized Areas** — An urbanized area consists of densely developed territory that contains 50,000 or more people. The Census Bureau delineates UAs to provide a better separation of urban and rural territory, population, and housing in the vicinity of large places. ([www.census.gov](http://www.census.gov))

# Impacts in the City of Green



-  Nexus Route Jan 2015
-  600' Study Corridor
-  Stream
-  Wetland

Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community.