4906-5-05 PROJECT DESCRIPTION

This section of the Application provides a description of the Project area, the Project area's layout and facilities, construction processes, installation and pipeline design and a discussion of future expansion, if any.

(A) PROJECT AREA DESCRIPTION

The Preferred and Alternate Route and associated facilities is geographically situated entirely within Hamilton County, primarily in the central portion of the county. The Project area can be very roughly defined by I-275 to the north (although the northern tie-in is 1 mile north of I-275), the Mill Creek valley to the west, and I-71 to the east along with Red Bank Expressway and Duck Creek valley to the southwest. The topography of the Project area consists of flat uplands and flat-topped hills rimmed by gentle to moderately steep slopes down to narrow valleys. The surface elevation ranges from 505 feet above mean sea level (AMSL) in the south within Duck Creek valley to 870 feet AMSL at the north terminus of the proposed gas pipeline routes near Highpoint.

The Preferred Route and Alternate Route are located within two townships (Sycamore and Columbia Townships) and within eight ~~and seven~~ cities or ~~/~~villages~~, respectively for the two routes~~. The predominant land types or land uses within the proposed ROW for the Preferred Route are industrial and commercial (43.5 percent), paved areas (~~28~~ 16.4 percent), parks and recreation (16.4 percent), and woodlots (~~12~~ 16.0 percent)~~, and residential lands (3 percent)~~. The predominant land types or land uses within the proposed ROW for the Alternate Route are industrial and commercial (~~45~~ 41.5 percent), paved areas (26.6 percent), woodlots (16.2 percent), and ~~residential lands~~parks and recreation (~~5~~ 6.2 percent). Additional detailed information and data concerning land uses and numbers of residences at various distances from the Project facilities are included in Section 4906-5-07 of this Application. The landmarks within the Project area are illustrated on Figure 5-1 and other maps in the Application. The major industries in the area include moderate to light manufacturing and industrial businesses, commercial and retail businesses, and service industries such as healthcare services.

(1) Project Area Map

Maps at 1:24,000-scale, showing the Preferred and Alternate Routes for the Project are included as Figures 5-1A through 5-1F. These maps include a corridor of 1,000-feet on each side of the proposed pipeline centerlines (referred to as the 2,000-foot corridor). These maps depict the proposed pipeline alignments, roads and railroads, major institutions, parks, and recreational areas that are publicly identified and publicly owned, existing natural gas pipeline corridors, named lakes, reservoirs, streams, canals, and rivers, and population centers and legal boundaries of cities, villages, townships, and counties. The maps utilize the Cincinnati East and Mason (1988 and 1984) U.S. Geological Survey (USGS) 7.5-minute topographic quadrangles as base maps.

The information on the maps was updated by reviewing digital, georeferenced aerial photography, property parcel data from the Cincinnati Area GIS (CAGIS) and the Hamilton County Auditor, and field and helicopter reconnaissance. The aerial photographs are georeferenced, ortho-corrected color images derived from ESRI ArcGIS Online.

(2) Proposed Right-of-Way, Pipeline Length, and Properties Crossed

Table 5-1 provides information about the Preferred and Alternate Routes ROW acreage, length, and properties crossed.

TABLE 5-1
Right-of-way Area, Length, and Number of Properties Crossed for the Preferred and Alternate Routes

	Route Alternatives	
	Preferred	**Alternate**
Proposed Construction ROW area (acres)	~~130~~136	~~126~~125
Length (miles)	~~13.4~~14.0	13.0
Number of properties crossed (by the Construction ROW)	~~594~~675	~~440~~452

(B) ROUTE OR SITE ALTERNATIVE FACILITY LAYOUT AND INSTALLATION

(1) Site Clearing, Construction, and Reclamation

The following paragraphs provide information on the proposed site clearing, construction methods, and reclamation operations for the Project.

(a) Surveying and Soil Testing

The selected pipeline route will be surveyed to establish the centerline and the construction work area or construction ROW. Based on preliminary engineering, the construction work area width is nominally 80 feet, generally centered on the pipe centerline. The exact work area locations will likely vary once construction plans are finalized; however, the 80-foot width is considered a maximum width necessary for construction purposes. The surveying will be completed using conventional and/or aerial methods. Topographic features and man-made structures near the proposed route that may affect the design will be located during the survey. Minimal clearing of small trees and brush may be required if the surveyor's line of sight is obstructed. Offsets will be used to survey around large trees and other large obstructions. Profile measurements of the topography will be obtained by conventional or aerial methods. The centerline and ROW will be staked prior to construction.

A geotechnical review will be performed on the selected route. Soil tests may be performed at various locations along the proposed pipeline ROW to document geotechnical conditions prior to soil excavation.

(b) Grading and Excavation

The pipeline ROW may be graded, as necessary, to provide a safe work area for construction equipment and personnel. Ideally, a 30-foot wide permanent ROW will be obtained for the Project. For construction purposes only, additional workspace will be requested from property owners if there are no adjacent ROW, such as roads or other utilities, to provide workspace. In general, the total workspace width may be up to 50 feet during construction but will be less where adjacent to public roads. The ROW will be cleared of vegetation, where necessary, and tree stumps cut or removed to permit construction equipment access and excavation. Where requested by landowners, topsoil will be stripped from the trench and proposed spoil areas, and stockpiled within the ROW and workspace. Grading work will include the prompt installation of soil erosion and sedimentation control measures.

After grading, a trench approximately 5 feet wide by 6 feet deep will be excavated, with the excavated material stored separately from the topsoil. The pipeline will then be installed as described below and the trench backfilled. Excess backfill material will be distributed over the trench or hauled from the site. Finally, the topsoil will be replaced in the trench and final grading

will restore the land surface to its original contours. Reseeding will be performed over the construction workspace. The proposed Preferred Route and Alternate Route cross ~~20~~25 and ~~12~~ 11 intermittent, perennial, and ephemeral streams or jurisdictional drainage channels, taking into account planned HDDs, respectively. Duke Energy Ohio will evaluate the construction methods to be employed for each of these streams or channels on a case-by-case basis in conjunction with the OPSB, Ohio Environmental Protection Agency (OEPA), and construction engineers.

There are two main methods of crossing a stream and each has its advantages and disadvantages depending on the site-specific conditions. The most expeditious and common method is trenching. This involves digging a trench across the stream, laying the welded pipe on rollers on one side of the stream, pulling it across the stream and lifting it into the trench, then backfilling and re-contouring. This is all achieved in one pass in a single day during low flow conditions. Construction at each stream location can be scheduled to proceed during low flow conditions, independent of the remainder of the pipeline construction. The relatively short time-frame minimizes potential erosion problems.

The second method involves either using a HDD rig or other boring equipment to bore under the stream channel, thereby limiting the ground disturbance to either side of the stream channel above the top of stream banks. This method is usually limited to streams with significant flow, which have a sensitive biological community, or are navigable by boats and would be disrupted by channel obstruction. Most of the streams in the project area do not exhibit these characteristics. However, a directional bore is not free of complications. First, the boring machines are rather large and require access to the stream bank areas. The impact on the adjacent properties used for access for this machinery has to be weighed against the potential impact of trenching the stream. Second, the drilling operation uses bentonite mud slurry that is transported to the site and stored in a tank. In shallow bores, there is a risk that the drilling mud can find its way to the surface through natural fissures and pathways within the soil and rock layers. Third, the drilling process is more time consuming than trenching and far costlier. Based on this combination of factors, it is considered preferable to limit drilling to those streams that have significant biota, higher flow conditions, and sensitive habitats.

(c) Construction of Temporary and Permanent Access Roads and Trenches

Temporary construction access will be required for installation of the pipeline. Proposed temporary access will require the landowner's input and approval. Access routes cannot be fully planned and identified until after a final route is fully designed. Once designed, Duke Energy Ohio will contact affected landowners for pipeline easements. Additionally, access routes will be developed once the engineering design work is completed, which will define the specific locations for the pipe trench. For preliminary planning purposes, temporary and permanent access roads currently being considered are illustrated on Figure 7-2 in Section 4905-06-7 of this Application.

Where access across wetlands or streams is necessary, timber mats or equivalent will be used to minimize the environmental impacts. If field conditions necessitate the modification of the finalized access road locations during construction, the concurrence of the property owner will be obtained, necessary environmental field studies will be performed, and necessary permits will be updated.

(d) Laying of Pipe

This section provides a brief overview of the process for installation of the natural gas pipeline. Section 4906-5-07(A)(1)(a) of this Application includes a more detailed description of the construction and inspection process for installation of the pipeline. The pipe sections will be transported from the coating mill to the project location by truck. Duke Energy Ohio will obtain pipe delivery and staging areas as close to the ROW as possible. Vacant lots or open land will be used for pipe staging and staging areas will be cleaned up and restored at the completion of construction. These areas will be evaluated for ecological features and archaeological resources prior to use for staging purposes as part of the regulatory permitting process.

Pipe handling will be minimized to prevent damage to the pipe and coating. To the extent possible, pipe will be strung along the ROW directly from delivery trucks. If the delivery schedule does not allow immediate stringing of the pipe, it will be stockpiled at the staging areas and loaded onto stringing trucks as needed. Pipe will be handled using spreader bars, fabric slings, padded forklifts, or other methods that will prevent damage to end bevels and coating. When stockpiling or stringing pipe, padding will be used to protect the coating and the pipe will be properly supported to prevent distortion of the pipe roundness or damage to factory bevels.

After the trench has been excavated as described above, individual sections of pipe will be strung along the ROW, bent as needed to fit the contour of the trench, and welded into a continuous pipeline. The pipeline welds will be X-rayed, welded joints coated, pipe examined for flaws in the coating and the coating repaired if necessary, and the pipeline then lowered into the trench. Before the pipe is buried, cathodic protection wires and other monitoring systems will be installed. The trench will be backfilled, with excess soil spread over the trench or hauled from the site. Topsoil replacement and final grading will be completed as described above. After installation, the pipeline will be hydrostatically and air pressure tested according to industry standards.

(e) Installation of Electric Transmission Line Poles and Structures, Including Foundations

This section is not applicable because this is a natural gas pipeline project.

(f) Post-Construction Reclamation

After construction, the pipeline construction work area and ROW will be restored to conditions as good as those that existed prior to construction. Pre-construction photographs and video will be taken of the entire route to provide a record for comparison to ensure restored conditions after construction. Restoration will include the permanent repair of fences and other surface facilities, the restoration of drainage ditches, fertilizing, seeding, and mulching of non-cultivated areas, and the removal of temporary soil erosion and sedimentation control measures after vegetative cover has been established. Areas adjacent to streams and wetlands will be restored to original conditions using methods to minimize soil erosion and degradation. Natural gas pipeline markers may be installed along the ROW to warn against excavation near the pipeline.

(2) Facility Layout

The Duke Energy Ohio WW Feed Station at the north end of the proposed Project will be expanded by approximately 0.4 acre to construct a new Highpoint Park Regulation Station, which will also include the pipeline tie-in connections to Line C314, smart pig access infrastructure and other structures and equipment. A new regulation station will also be constructed at the southern terminus of the Project which will be referred to as the Fairfax Regulation Station or the Norwood Regulation Station, dependent on the approved route. The

equipment to be installed within the layout of the two regulation stations (north and south) is further described below in Section 4906-5-05(C)(3).

(a) Pipeline Route Map

A map figure at 1:6,000 scale, showing the Preferred and Alternate Routes and planned associated facilities (e.g., pipeline location, regulation stations, valve stations), is included as Figure 7-2 (entitled "Structures Within 200 Feet of Permanent ROW Boundary") in Section 4906-5-07 of this Application. This map figure fulfills the requirement of O.A.C. 4906-5-05(B)(2)(a) including the pipeline route and planned regulation stations and 1) temporary access roads, construction work areas, staging areas, laydown areas, 2) buildings, and 3) fenced-in or secured areas. The fenced-in or secure areas for this Project include valve stations along the proposed pipeline (a total of two on the final approved route), the WW Feed Station at the north terminus (*i.e.*, the new Highpoint Park Regulation Station) and the proposed new regulation station at tie-in point at the south terminus of the Project connecting to Line V. Some of the information required by this section (*e.g.*, construction work areas, temporary access roads, staging areas, etc.) will not be finalized until the final engineering design is complete, therefore the locations for these features provided in map Figure 7-2 are based on preliminary engineering design.

(b) Proposed Layout Rationale

The Project is located in a developed area and the siting rationale was developed to accommodate the limitations imposed by such development, in addition to industry guidelines and standards. There are no other unusual features that bear consideration during construction of this Project.

(c) Plans for Future Modifications

The proposed natural gas pipeline is sized to provide adequate capacity for projected future needs. While Duke Energy Ohio does not foresee the need to modify this Project, it is part of a larger long-range plan to enhance the reliability, flexibility, and integrity of the natural gas system and to increase the diversity of natural gas supply to its customers.

(C) DESCRIPTION OF PROPOSED TRANSMISSION LINES OR PIPELINES

(1) Electric Transmission Lines

This section is not applicable because this is a natural gas pipeline project.

(2) Diagram of Electric Power Transmission Substations

No new electric power transmission substations are proposed for this Project.

(3) Gas Pipeline Description

The construction, installation, maintenance, and operation of the proposed natural gas pipeline is discussed in Section 4906-5-07(A)(1)(a through c), primarily concerning the safety compliance aspects with respect to safety regulations. The following information fulfills the requirements of this section.

(a) Maximum Allowable Operating Pressure

The ~~proposed~~ pipeline is proposed at a MAOP of 400 PSIG and is planned to operate up to this pressure. The pipeline will be designed to a MAOP of 500 PSIG. ~~will have a MAOP of 500 PSIG and is planned to operate up to this pressure.~~

(b) Pipe Material

The proposed pipeline will be constructed of carbon steel pipe with fusion-bonded epoxy coating.

(c) Pipe Dimensions and Specifications

The proposed pipeline will be constructed of pipe having an outside diameter of 20 inches, a wall thickness equal to or greater than ~~0.375~~0.438 inch, and pipe lengths of approximately 40 feet. The pipe will be manufactured in accordance with American Petroleum Institute (API) Specification 5L, Grade X-60 (specified minimum yield strength of 60,000 pounds per square inch). The pipe lengths will be joined by the electric resistance welding process.

(d) Control Buildings

A new regulation station is planned at the WW Feed Station tie-in point with Line C314. The new regulation station, to be referred to as the Highpoint Park Regulation Station, will occupy

approximately 0.4 acre and will include the tie-in connections to Line C314 and other equipment described below.

(e) Heaters, Odorizers, and Above-ground Facilities

The new Highpoint Park Regulation Station will include an odorizer system, a ~~Remote Terminal Unit (RTU)~~control building, a ~~smart~~ pig launcher, two control valve skids, and a flow meter skid. The above-ground facilities are planned to be approximately 15 feet in height. The new Fairfax Regulation Station or Norwood Regulation Station, dependent on the final route being the Preferred or Alternate Route, respectively, will be constructed at the tie-in with the existing Line V. The equipment planned for the new regulation station includes a ~~smart~~ pig receiver, a control building, and two control valve skids. ~~filters, heaters, and RTU and gas analyzer building, and a regulator run.~~ The planned maximum height of the above-ground building is 15 feet.

(f) Any Other Major Equipment

The pipeline will include two valve stations located along the Preferred or Alternate Route, respectively, as shown on the Figure 5-1 series of maps. ~~The planned smart pig infrastructure will also be installed at both the new Highpoint Regulation Station and the new regulation station to be constructed at the tie-in connection with Line V.~~

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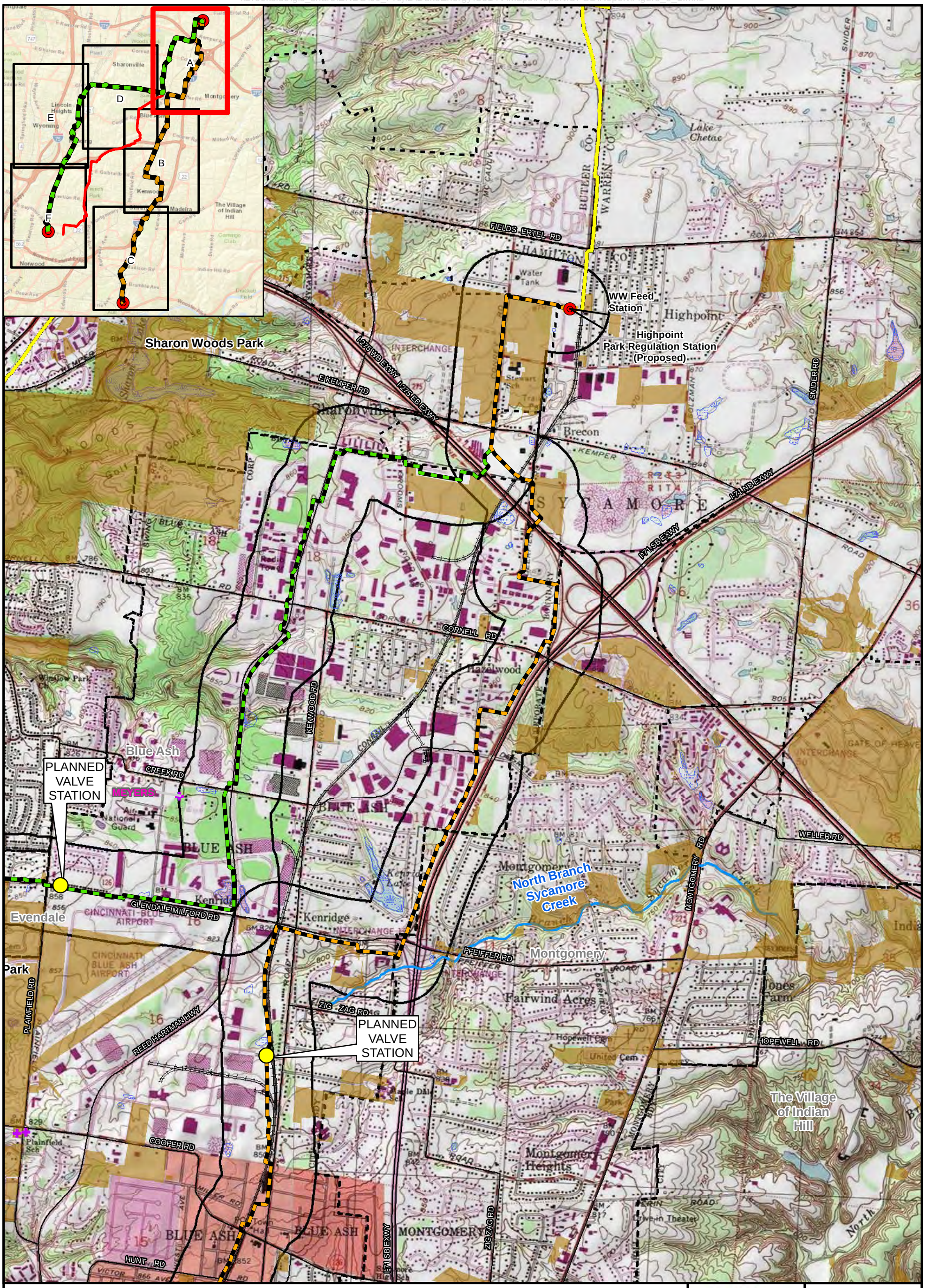

LEGEND:

- Preferred Route
- Alternate Route
- 1,000 Foot Buffer of Preferred and Alternate Roue
- National Register Listed
- National Register Determination of Eligibility
- Cemetery
- NHD Stream
- Existing Pipelines
- Railroad
- NWI Wetland
- Park or Recreation Area
- Municipal Boundary
- Historic District

N

0 2,000 4,000

Scale In Feet

BASE MAP SOURCE:
USGS 7.5-minute Topographic Quadrangle Cincinnati East 1982, Glendale 1982 Madeira 1983, Mason 1982

DUKE ENERGY

C314V Central Corridor Pipeline Extension Project

FIGURE 5-1A
PROJECT FEATURES AND CULTURAL RESOURCE MAP

PN: 672247	DATE: 1/18/2017
CREATED BY: TH	ch2m
REVIEWED BY:MF	

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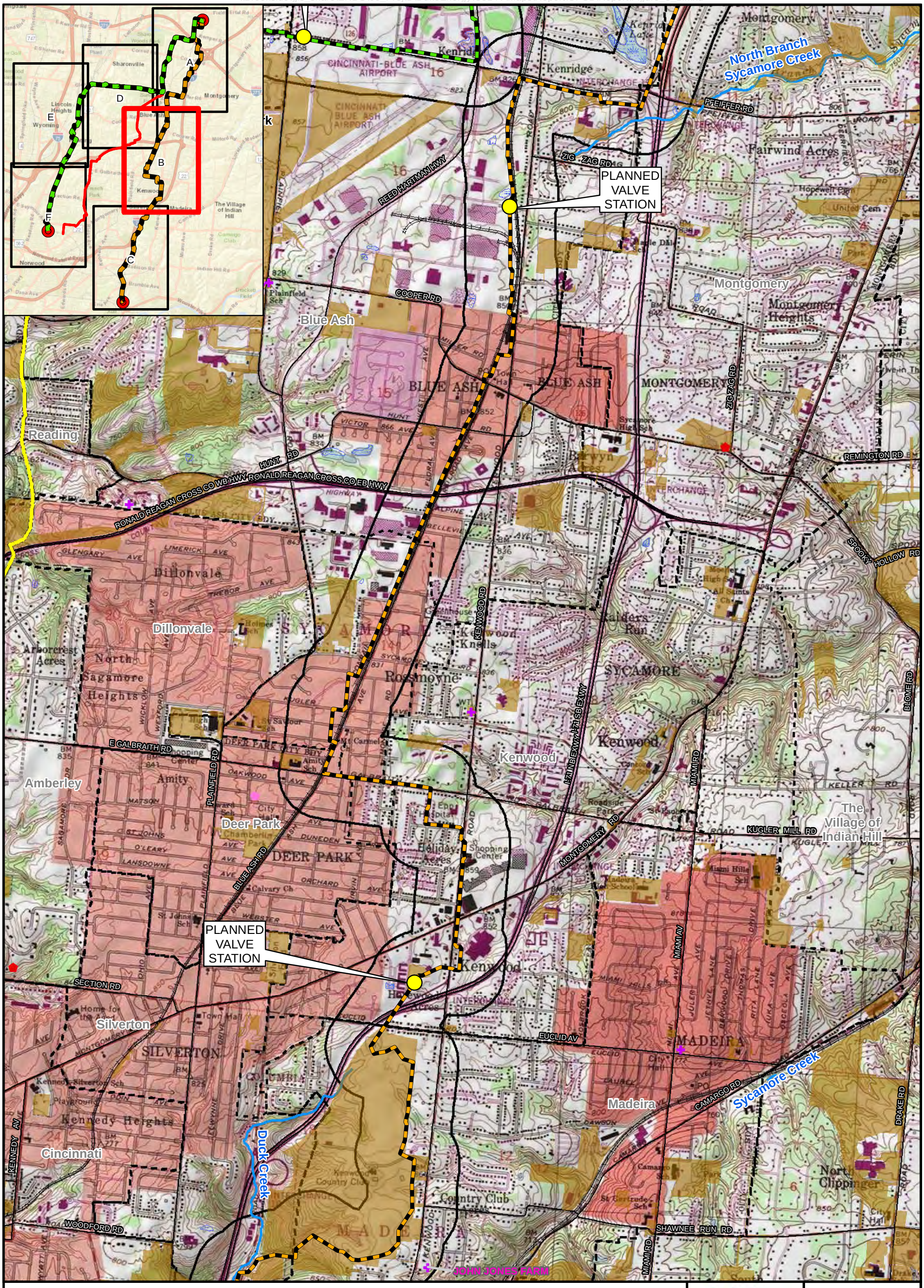

LEGEND:

- Preferred Route
- Alternate Route
- 1,000 Foot Buffer of Preferred and Alternate Roue
- National Register Listed
- National Register Determination of Eligibility
- Cemetery
- NHD Stream
- Existing Pipelines
- Railroad
- NWI Wetland
- Park or Recreation Area
- Municipal Boundary
- Historic District

N

0 2,000 4,000

Scale In Feet

BASE MAP SOURCE:
USGS 7.5-minute Topographic Quadrangle
Cincinnati East 1982,
Glendale 1982
Madeira 1983, Mason 1982

DUKE ENERGY

C314V Central Corridor Pipeline Extension Project

FIGURE 5-1B
PROJECT FEATURES AND CULTURAL RESOURCE MAP

PN: 672247	DATE: 1/18/2017
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REVIEWED BY:MF	

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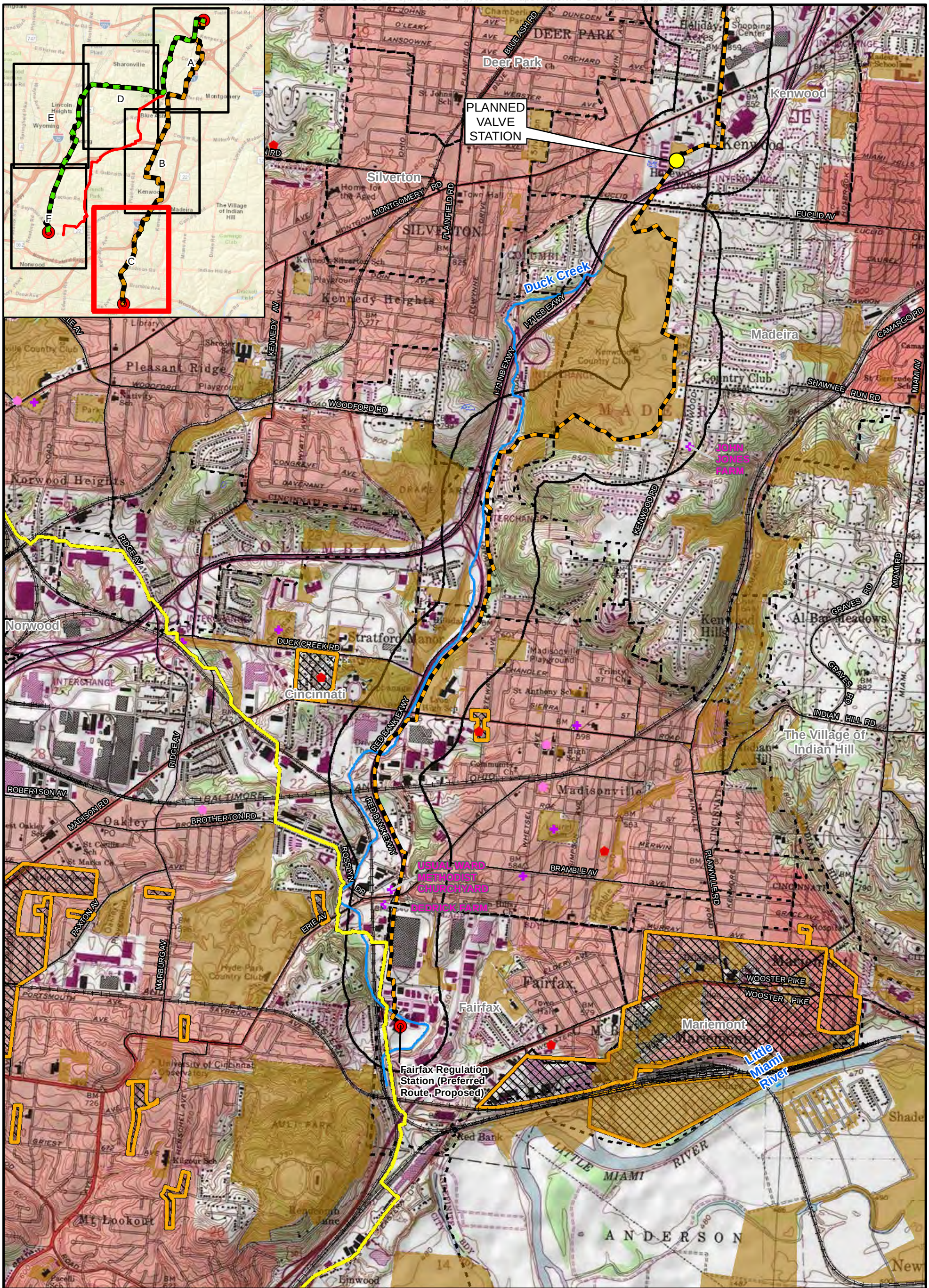

LEGEND:

- Preferred Route
- Alternate Route
- 1,000 Foot Buffer of Preferred and Alternate Roue
- National Register Listed
- National Register Determination of Eligibility
- Cemetery
- NHD Stream
- Existing Pipelines
- Railroad
- NWI Wetland
- Park or Recreation Area
- Municipal Boundary
- Historic District

N

0 2,000 4,000

Scale In Feet

BASE MAP SOURCE:
USGS 7.5-minute Topographic Quadrangle
Cincinnati East 1982,
Glendale 1982
Madeira 1983, Mason 1982

DUKE ENERGY.

C314V Central Corridor Pipeline Extension Project

FIGURE 5-1C
PROJECT FEATURES AND CULTURAL RESOURCE MAP

PN: 672247	DATE: 1/18/2017
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REVIEWED BY:MF	

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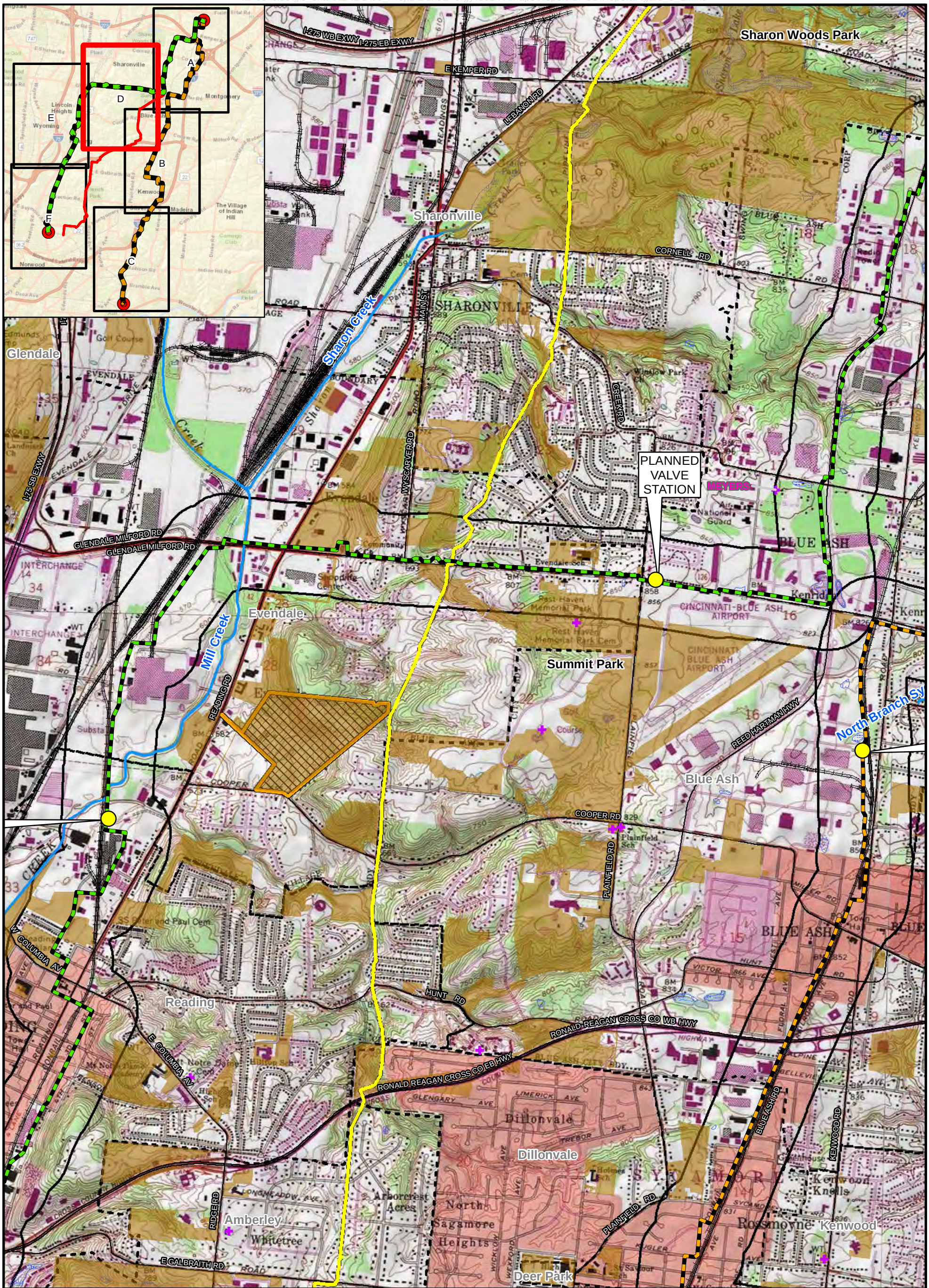

LEGEND:

- Preferred Route
- Alternate Route
- 1,000 Foot Buffer of Preferred and Alternate Roue
- National Register Listed
- National Register Determination of Eligibility
- Cemetery
- NHD Stream
- Existing Pipelines
- Railroad
- NWI Wetland
- Park or Recreation Area
- Municipal Boundary
- Historic District

N

0 2,000 4,000

Scale In Feet

BASE MAP SOURCE:
USGS 7.5-minute Topographic Quadrangle
Cincinnati East 1982,
Glendale 1982
Madeira 1983, Mason 1982

DUKE ENERGY.

C314V Central Corridor Pipeline Extension Project

FIGURE 5-1D
PROJECT FEATURES AND CULTURAL RESOURCE MAP

PN: 672247	DATE: 1/18/2017
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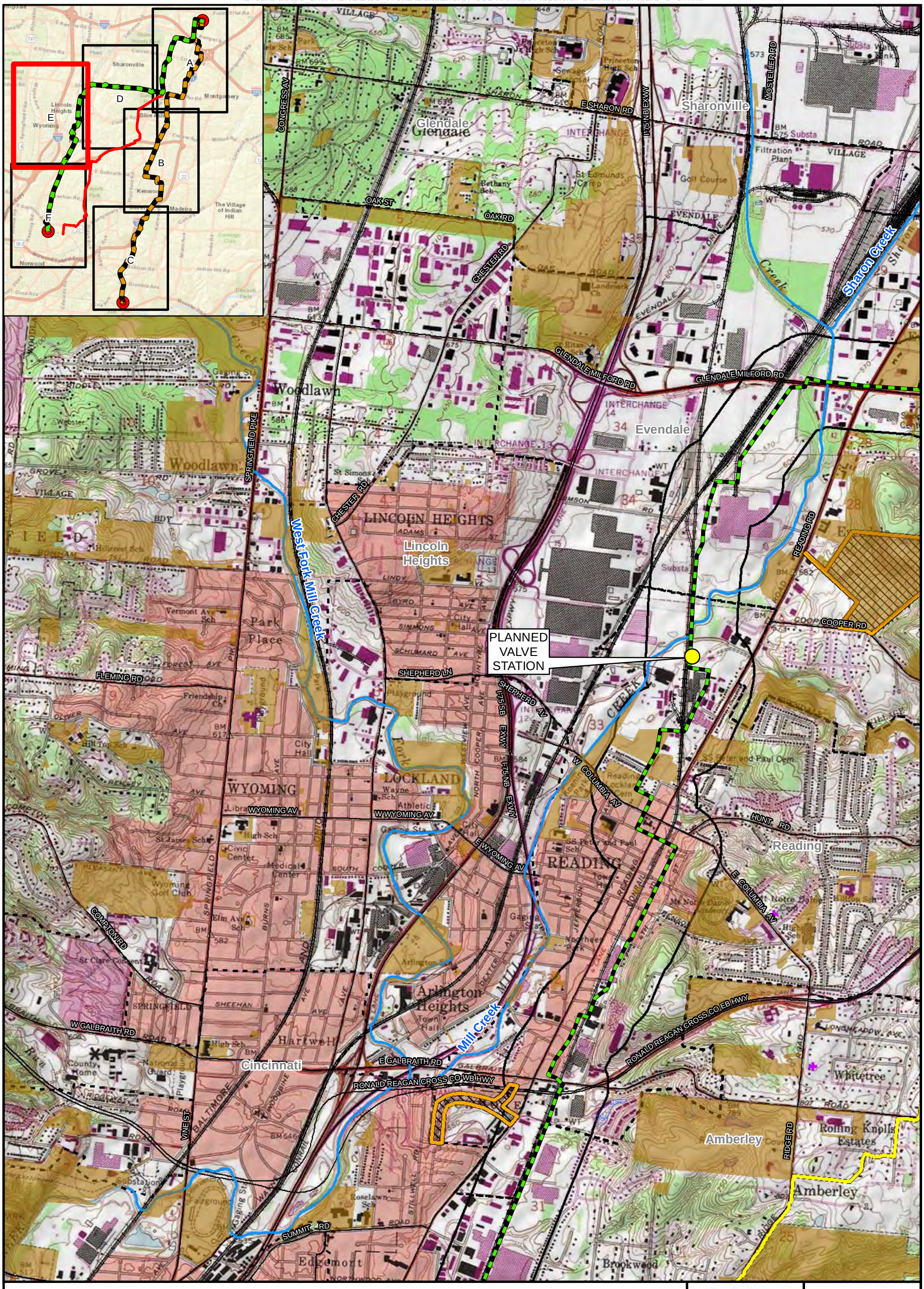

LEGEND:

- Preferred Route
- Alternate Route
- 1,000 Foot Buffer of Preferred and Alternate Roue
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- National Register Determination of Eligibility
- Cemetery
- NHD Stream
- Existing Pipelines
- Railroad
- NWI Wetland
- Park or Recreation Area
- Municipal Boundary
- Historic District

N

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Scale In Feet

BASE MAP SOURCE:
USGS 7.5-minute Topographic Quadrangle Cincinnati East 1982, Glendale 1982 Madeira 1983, Mason 1982

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C314V Central Corridor Pipeline Extension Project

FIGURE 5-1E
PROJECT FEATURES AND CULTURAL RESOURCE MAP

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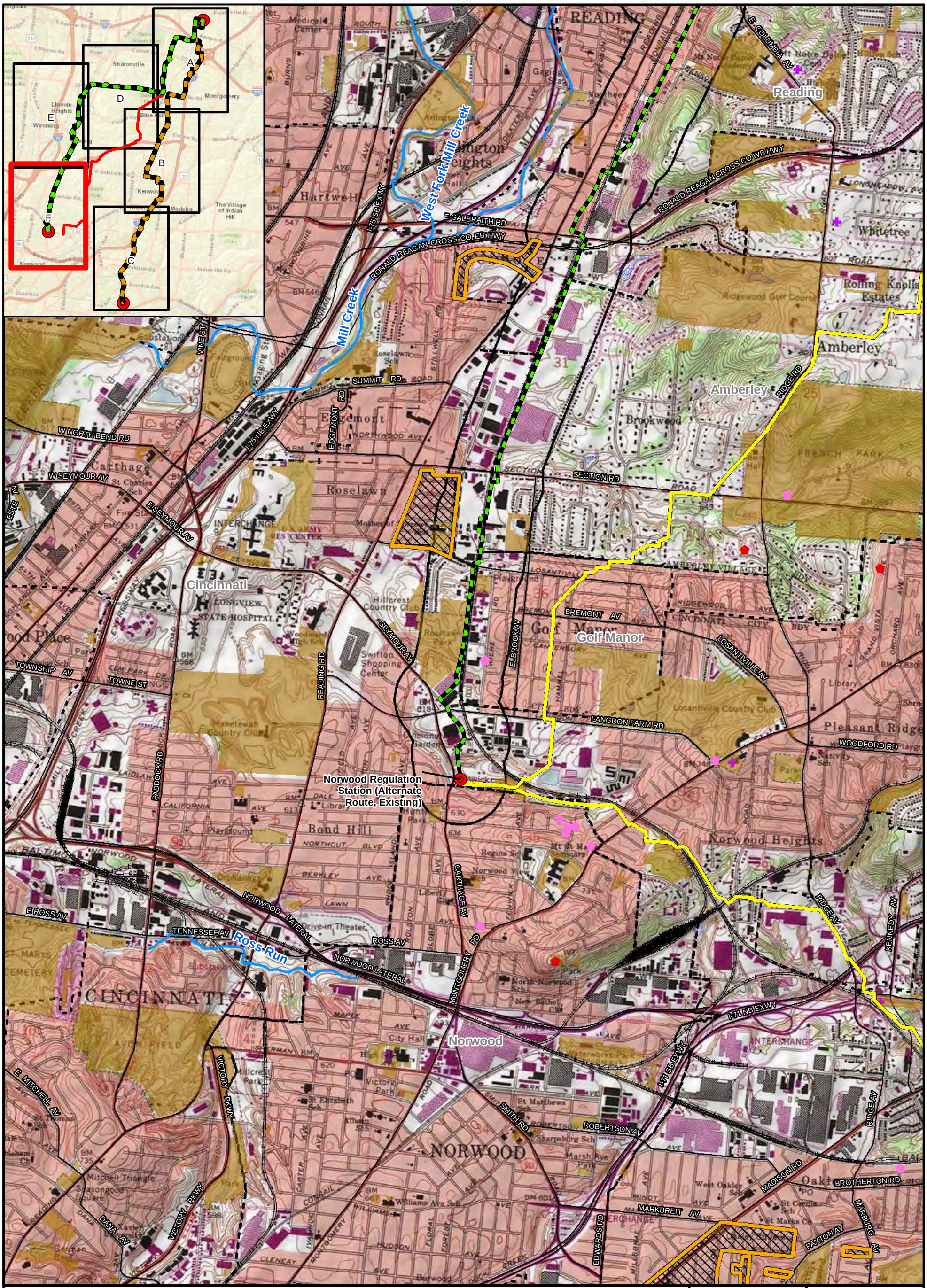

LEGEND:

- Preferred Route
- Alternate Route
- 1,000 Foot Buffer of Preferred and Alternate Roue
- National Register Listed
- National Register Determination of Eligibility
- Cemetery
- NHD Stream
- Existing Pipelines
- Railroad
- NWI Wetland
- Park or Recreation Area
- Municipal Boundary
- Historic District

N

0 2,000 4,000

Scale In Feet

BASE MAP SOURCE:
USGS 7.5-minute Topographic Quadrangle
Cincinnati East 1982,
Glendale 1982
Madeira 1983, Mason 1982

DUKE ENERGY.

C314V Central Corridor Pipeline Extension Project

FIGURE 5-1F
PROJECT FEATURES AND CULTURAL RESOURCE MAP

PN: 672247	DATE: 1/18/2017
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4906-5-06 ECONOMIC IMPACT AND PUBLIC INTERACTION

(A) OWNERSHIP STATUS OF PROPOSED FACILITY

Duke Energy Ohio will construct, own, operate, and maintain the proposed new natural gas pipeline and appurtenances. Duke Energy Ohio plans to contact property owners to begin negotiating and acquiring easements for the pipeline and the valve station locations once the Certificate Application is filed and the pipeline design advances so that easement exhibits and documentation can be finalized. Duke Energy Ohio recognizes that any easements secured before the Certificate is granted are at their own risk.

(B) CAPITAL AND INTANGIBLE COSTS ESTIMATE FOR ELECTRIC POWER TRANSMISSION FACILITY ALTERNATIVES

As a natural gas facility Application, this is not applicable.

(C) CAPITAL AND INTANGIBLE COSTS ESTIMATE FOR NATURAL GAS FACILITY ALTERNATIVES

Estimates of applicable intangible and capital costs for both the Preferred and Alternate Routes of the Project are identified in Table 6-1.

TABLE 6-1
Estimates of Applicable Intangible and Capital Costs for Both the Preferred and Alternate Sites

Account Number	Description	Preferred Route	Alternate Route
	Land and Land Rights	$11.3 million	$11.4 million
	Structures and Improvements	$~~3.9~~5.2 million	$0.9 million
	Pipe Equipment	$~~85.5~~87.2 million	$64.6 million
	Measuring and Regulating Equipment	$8.7 million	$8.7 million
	ROW Clearing and Roads, Trails or Other Access	$0.3 million	$0.3 million
	TOTAL	$~~110~~ 112.7 million	$ ~~86~~ 85.9 million

(D) PUBLIC INTERACTION AND ECONOMIC IMPACT

This section of the Application provides information regarding public interaction and the economic impact for each of the route alternatives.

(1) Counties, Townships, Villages, and Cities within 1,000 feet

Both the Preferred and Alternate Routes, including areas within 1,000 feet of the centerlines, are located within Hamilton County and Sycamore and Columbia Townships. The Preferred Route

crosses or is located within 1,000 feet of the boundary of the cities or villages of Blue Ash, Cincinnati, ~~Dillonvale,~~ Deer Park, Fairfax, ~~Kenwood,~~ Madeira, ~~Madisonville,~~ Montgomery, Sharonville, and Silverton. The Alternate Route is within 1,000 feet of the boundary of the cities or villages of ~~Bond Hill, Pleasant Ridge, Norwood, Roselawn, Amberley Village,~~ Amberley, Blue Ash, Cincinnati, ~~Dillonvale~~Evendale, Golf Manor, Norwood, Reading, and Sharonville. Both routes begin at the Duke Energy Ohio WW Feed Station near the northern boundary of Hamilton County and terminate at the Line V in either the Village of Fairfax (Preferred Route) or the City of Cincinnati (Alternate Route).

TABLE 6-2
Counties, Townships, Villages, and Cities Within 1,000 Feet of the Proposed Pipeline Routes

Municipality	Type
Preferred Route	
Hamilton	County
Sycamore	Township
Columbia	Township
Blue Ash	City
Cincinnati	City
Deer Park	City
Fairfax	Village
Madeira	City
Montgomery	City
Sharonville	City
Silverton	Village
Alternate Route	
Hamilton	County
Sycamore	Township
Columbia	Township
Amberley	Village
Blue Ash	City
Cincinnati	City
Evendale	Village
Golf Manor	Village
Reading	City

TABLE 6-2
Counties, Townships, Villages, and Cities Within 1,000 Feet of the Proposed Pipeline Routes

Municipality	Type
Norwood*	City
Sharonville	City

Source: Ohio Department of Transportation.

* Not crossed by pipeline but within 1,000 feet.

(2) Public Officials Contacted

Duke Energy Ohio's Project team has met with many local officials within various communities to discuss the Project plans. Appendix 6-1 provides a list of the local public officials (or in some cases their local representative), including their office addresses and telephone numbers, who have been contacted to date. Appendix 6-2 is a list of local public officials, corresponding to the government municipalities located within 1,000 feet of one of the proposed routes, who will be served with a digital copy of the accepted Application.

(3) Public Interaction and Plans

Duke Energy Ohio continues to proactively engage with local officials and residents of the communities during the Project planning process. A public involvement team comprised of Duke Energy Ohio employees and consultants was assigned to facilitate and implement the following tasks to help capture and respond to public input.

Public Informational and Other Community Meetings

Duke Energy Ohio conducted three public informational meetings on March 22, March 23, and June 15, 2016, and has scheduled a fourth meeting on January 26, 2017, as required by Ohio Administrative Code 4609-3-03. Duke Energy Ohio representatives also attended a meeting with Blue Ash officials and residents from the Bluewing Terrace neighborhood on April 20, 2016 and a separate symposium with the Hamilton County Commissioners and other local municipal representatives (open to the public) on July 27, 2016 where questions were asked and addressed by the Duke Energy Ohio representatives in attendance. The information presented at these meetings and Duke Energy Ohio's actions taken subsequent to each meeting, based on the input received from the public, are described below.

Project Webpage

Prior to conducting the public informational meetings, Duke Energy Ohio developed an informational webpage for the Project at:

~~http://www.duke-energy.com/ohio/natural-gas/central-corridor.asp~~

https://www.duke-energy.com/home/natural-gas/central-corridor-pipeline-ext.

This web–page provides background information on the Project: need, scope, construction sequencing, expected schedule, Spotlight of Safety, and information about public meetings and other announcements. Route maps, letters to residents, and public input questionnaires are available on the website. The web–page also provides e-mail and phone contact information if there are any questions that the public may have about the Project. Project information in the form of questions and answers are also posted on the webpage in response to FAQs. Questions and answers are currently provided in the FAQ section of the webpage and organized by topic including general Project information, route selection, construction, property access and survey work, safety, easements, communication, impacts on business, restoration, property values, and OPSB process. The FAQ section is being continuously updated as new questions come in from the public.

During Duke Energy Ohio's easement acquisition process, as well as before construction preparations are initiated, both the webpage communications and direct contact will be used by the Duke Energy Ohio team to inform property owners and generally communicate plans and timeframes for the various phases of the Project.

Project Email Address

Duke Energy Ohio established the following central email address in order to consistently capture and log all emailed public inquiries related to the Project:

CentCorridorPipeline@duke-energy.com. Each email is logged with the date and time the email is received, customers' contact information when provided, nature of the inquiry and the date and description of Duke Energy Ohio's response. As of ~~September 2, 2016~~January 10, 2017, ~~285~~ 314 emails from members of the public with comments on the Project had been received.

Project Hotline (513-287-2130)

Similar to the Project email address, Duke Energy Ohio established a dedicated hotline number for the public to call when they have Project inquiries. The hotline is answered Monday through Friday from 8:30 a.m. to 4:30 p.m., with a voice mail option after hours. Each phone call is logged by date and time of call, customers' contact information, nature of the call and the date and nature of Duke Energy Ohio's response. As of ~~September 2, 2016~~January 10, 2017, ~~172~~ 198 phone calls had been received on the hotline.

Initial Meetings with Local Government Officials

Between February 3, 2016, and February 19, 2016, representatives from Duke Energy Ohio met with officials of potentially impacted communities (Sycamore Township, Madeira, Fairfax, Amberley Village, Columbia Township, Norwood, Golf Manor, Blue Ash, Silverton, Deer Park, Sharonville, and Reading) to discuss the upcoming pipeline Project. Project details such as the need for the pipeline, size, pressure, and the approximate time line of the Application and construction duration were discussed. Additionally, a map of three potential routes was reviewed.

Media Inquiries and Interviews

Duke Energy Ohio's communications representative participated in over 12 interviews with local radio and television outlets, including at least four interviews for newspaper publications (e.g., the Cincinnati Enquirer) regarding all aspects of the Project.

First and Second Public Informational Meeting (March 2016)

The first public informational meeting for the Project was held on March 22, 2016, at the Sycamore Township Community Center at 11580 Deerfield Road near the north-central zone of the Project area. The meeting was staffed by a team of Duke Energy Ohio representatives and subject matter experts from departments such as safety, engineering, route selection, real estate, ROW, natural gas operations, and construction, along with design and route consultants. Duke Energy Ohio displayed poster boards of the three proposed routes and possible engineering re-routes (color blue route options). In addition, several GIS mapping stations were set up and available to members of the public so that they could identify their properties in relation to a route segment, suggest alternatives, and have comments recorded. Comment cards were also available at all the stations. OPSB Staff were on hand to answer questions. Approximately 50 members of the public attended this meeting. Comments generally included concern over

Project need, size, pressure, scope, safety, and potential routing close to residential areas particularly on private property in backyards.

A second public information meeting was held at Pleasant Ridge Montessori located at 5945 Montgomery Road, near the south-central zone of the Project area, on March 23, 2016, with the same format as the first. Approximately 70 members of the public attended, and there were similar comments received focusing on Project need, size, pressure, scope, safety, and routing close to residential areas.

The comments received during the initial public informational meetings were reviewed, and as a result, additional review of the three candidate routes was conducted including constructability analyses that led to several engineering adjustments, route refinements and minor re-routes that were incorporated into the route alternatives. The adjusted Green, Pink, and Orange Routes were presented at a third public informational meeting on June 15 (discussed below) without any of the potential ~~blue~~ engineering adjustments (blue segments).

Meeting with Blue Wing Terrace and Blue Ash Residents

Duke Energy Ohio representatives accepted an invitation by Blue Ash Councilman Marc Sirkin to attend a meeting to be held at the Blue Ash Municipal Center at 4343 Cooper Road on April 20, 2016. The purpose of the meeting was to answer concerns and questions from Blue Ash residents regarding the Project. Duke Energy Ohio provided a summary of the Project similar to that given at the first two public meetings and then addressed the numerous questions from the Blue Ash residents for the remainder of the meeting. The questions were focused on the Pink Route (central route) presented at the public meeting (which was proposed to be routed through much of Blue Ash, in addition to other communities). Questions also related to the size and pressure of the proposed pipeline and safety, construction activities, and routing concerns. Duke Energy Ohio encouraged the attendees at this meeting to also make their concerns known to the OPSB with comments that could be filed directly to the docket for the Project. Duke Energy Ohio provided brochure information not only on the Project but also the OPSB public involvement and approval processes.

Public Input Questionnaire

Duke Energy Ohio provided Project input questionnaires at each of the public information meetings, as well as on the website. The forms ask for input such as which route respondents

would be impacted by, whether they have any concerns or questions about the Project or route, and are aware of other features or structures not shown on the maps that that feel Duke Energy Ohio should be aware of when identifying route alternatives. As of ~~September 2~~December 31~~, 2016~~January 10, 2017, 320 questionnaires had been collected.

Third Public Informational Meeting

Based upon route adjustments following the aforementioned engineering and constructability review, the public's interest in the Project and associated public comments from and after the first two meetings, numerous questions to the phone and e-mail hotlines, and the need for additional time to respond to public comments as they affected Project design, Duke Energy Ohio conducted an additional third public informational meeting. The meeting was conducted at the Cooper Creek Event Center at 4040 Cooper Road in Blue Ash, Ohio on June 15, 2016. This location was selected because it is central to the Project area and had the capacity to handle the expected number of guests. Approximately 550 members of the public attended. The main concerns expressed by the public at this meeting centered on natural gas pipeline safety related to size and pressure, with doubts that a pipeline of the proposed design was required. Concerns were also expressed over pipeline routing through residential and near other sensitive areas like churches, schools, daycare facilities, and hospitals. In addition, related comments were received that suggested increasing the weight or importance given to land use factors in the route selection analysis, which presumably would result in the routes located near potentially sensitive residential and institutional land uses scoring lower (less favorable).

Meeting with the Hamilton County Commissioners

At the request of Hamilton County Commissioner Todd Portune, Duke Energy Ohio representatives met with the Hamilton County Commissioners on July 27, 2016 at the Sharonville Convention Center to explain the need for the Project and to answer questions from elected officials along the proposed routes, in addition to County Commissioners. More than 250 members of the public also attended this meeting but were given instructions by the County Commissioners that they would not have opportunity to ask questions or otherwise intervene in the proceedings. Duke Energy Ohio executives Jim Henning, John Hill, and Gary Hebbeler presented information on Duke Energy Ohio, the need for the Project, the siting and route selection process, and on the topics of natural gas pipeline safety and construction methodology. Duke Energy Ohio commented that the Project has to connect WW Feed Station to Line V because

there is a need for additional natural gas supply in the central Hamilton County region, and that there are limited routes available to do that. All options would have to pass through some residential and other sensitive areas to continue to provide natural gas service. Questions from local elected officials (including Blue Ash, Amberley Village, Golf Manor, Reading, Sharonville, and Evendale) concerned safety, size and pressure, the need for a pipeline, and the route selection process.

Duke Energy Ohio provided answers to the elected officials, after which several questions were asked by the Commissioners. The Commissioners commented that they would remain engaged in the process on behalf of the public, and would intervene as an interested party in the OPSB Certificate Application process. Commissioner Portune closed the meeting by asking that Duke Energy Ohio pause the process, stop sending out survey permission letters, and re-evaluate Project options, including the need for a pipeline. Duke Energy Ohio agreed to stop sending letters during the pause and expressed it was taking a second look at pipeline sizes and pressures to confirm the minimum needs to achieve the stated needs of the Project.

Other Actions in Response to Public Comments

In addition to the aforementioned actions implemented in response to public comments and concerns received during the three public informational meetings, Duke Energy Ohio has taken follow-up actions as summarized below and explained in more detail in Section 4906-5-04:

- Comments from the public related to requesting that the RSS incorporate a higher weighting, or higher level of importance, for land use impacts (areas having high residential density and a number of schools, religious institutions, hospitals, etc.). As a result, Duke Energy Ohio performed additional weighting analyses on the 28 routes presented in the RSS, the results of which are discussed in Section 4906-5-04.

- Comments from the public questioned why Duke Energy Ohio did not include an “eastern” option in the routing study including the area between Indian Hill and easterly beyond the I-275 corridor. In fact, eastern options were considered at multiple stages in both the initial Master Plan (referred to as the E-1 scenario) and during the first constructability review of the initial routes prior to scoring and ranking. However, to further respond to comments raised at the public meetings and by local representatives, the Duke Energy Ohio Siting Team revisited route options to the east in more detail and collected similar data to the route

options scored and ranked in the siting study. The results are discussed in more detail in Section 4906-5-04.

- Comments from the public questioned the need for a 30-inch pipeline with an operating pressure of approximately 600 PSIG. Duke Energy Ohio subsequently made the decision to construct a 20-inch pipeline to operate at approximately 400 PSIG. This decision is described and discussed in more detail in Sections 4906-5-03 and 4906-5-04.

The Duke Energy Ohio Project team developed and continually maintains a dynamic customer comment database detailing each hotline call, email from the public to the Project webpage, and OPSB docket filings. Each public comment is reviewed by the team and categorized to review the types of concerns to address the more frequent concerns that are voiced. The five highest frequency categories of public concern, in terms of number of mentions within all of the comments, are safety, including size and pressure (~~60~~ 23 percent), route locations (~~61~~ 23 percent), general opposition (~~46~~ 19 percent), environment (~~25~~ 13 percent), and property values (~~18~~ 8 percent). The geographic locations from which the comments were received are presented as a "heat map" as Figure 6-1 of Appendix 6-3. Most of the comments received were from members of the public along the central Pink Route, proposed as one of the three possible route alternatives at the public meetings.

The various informational materials made available before or at the public informational meetings are included in Appendix 6-4 and include notification letters to property owners for survey access permission, public notices, and Project brochures.

Duke Energy Ohio will continue to use the communication tools described above for sharing future Project plans and schedules and responding to the public's concerns and questions.

Fourth Public Information Meeting (January 26, 2017)

As of the date of submission for this Certificate Application, the fourth public information meeting is scheduled for January 26, 2017, to be held at the Crowne Plaza Hotel in the City of Blue Ash. In addition to the drop-in format allowing neighbors to attend to suit their availability, Duke Energy Ohio will offer two brief, optional overviews of the Project during the meeting. Notification letters to all potentially affected neighbors along the Preferred and Alternate Routes were mailed on January 3, 2017 (refer to Appendix 6-4 for a copy of the letter).

On or before February 10, 2017, Duke Energy Ohio will file supplemental information as an addendum to this Certificate Application that will summarize the comments and input received from potentially affected property owners and other attendees during the fourth public meeting.

Additional Meetings with Local Groups or Officials Following Application Submission

Since the initial submission of the OPSB Application for the Project on September 13, 2016, Duke Energy Ohio has met with a number of local groups and city officials to discuss the Project, including the ODOT, Hamilton County Municipal League, Neighbors Opposed to Pipeline Extension (NOPE), City of Reading, Village of Fairfax, City of Montgomery, Tri-Health, Inc., Wiseway Supply, Ohio National Financial Services, Kenwood Town Center, Sheffer Corporation, Port Authority of Cincinnati, Madisonville, and City of Madeira. These meetings centered on specific impacts to properties or overall effect on a community. Duke Energy Ohio will continue to maintain an open dialog to reduce interruptions to business and communities along the proposed routes.

(4) Liability Insurance or Compensation

Duke Energy Ohio is self-insured and maintains excess public liability and property damage insurance as well. Duke Energy Ohio provides liability compensation for damages, if such should occur, as a result of the Company's negligence in construction or operation of the proposed facility.

(5) Tax Revenues

The Preferred and Alternate Routes are located entirely within Hamilton County. Local school districts, park districts, and fire departments will receive tax revenue from the Project. Duke Energy Ohio will pay property taxes on utility facilities in each jurisdiction. The approximate annual property taxes associated with the Preferred and Alternate Routes over the first year after the Project is completed are $2.8 million and $2.2million, respectively. Based on the 2016 tax rates, the following information includes approximate estimates for these taxing authorities:

Preferred Route:

Hamilton County	$50,800
Sycamore Township	$764,000
Columbia Township	$107,000
Blue Ash	$898,000
Cincinnati	$294,000

Deer Park	$34,000
Fairfax	$112,000
Madeira	$168,000
Montgomery	$145,000
Sharonville	$103,000
Silverton	$147,000

Alternate Route:

Hamilton County	$39,300
Sycamore Township	$54,000
Blue Ash	$617,000
Cincinnati	$360,000
Evendale	$505,000
Golf Manor	$20,000
Reading	$ 462,000
Sharonville	$ 125,000

APPENDIX 6-1

List of Public Officials Contacted Regarding the Project

TABLE 6-1A

List of Public Officials Contacted Regarding the Project

Stakeholder / Entity	Person Contacted	Address	Phone #
Representative Alicia Reece	State Representative, Alicia Reece	77 South High Street, 10FL, Columbus, OH 43215	614-466-1308
Representative Denise Driehaus	State Representative, Denise Driehaus	77 South High Street, 10FL, Columbus, OH 43215	614-466-5786
Representative. Johnathan Dever	State Representative, Johnathan Dever	77 South High Street, 10FL, Columbus, OH 43215	614-466-8120
Representative Louis Terhar	State Representative, Louis Terhar	77 South High Street, 10FL, Columbus, OH 43215	614-466-8258
Senator Bill Seitz	State Senator, Bill Seitz	1 Capitol Square, FL 1, Columbus, OH 43215	614-466-8068
U.S. Representative Steve Chabot	District Director, Mike Cantwell	441 Vine Street, RM 3003, Cincinnati, OH 45202	513-684-2723
U.S. Representative Rob Portman	District Director, Connie Laug	37 West Broad St., RM 300, Columbus, OH 43215	614-469-6774
U.S. Representative Brad Wenstrup	District Director, Jeff Groenke	7954 Beechmont Ave., Suite 200 Cincinnati, OH 45255	513-474-7777
Hamilton County Board of Commissioners	Commissioner, Chris Monzel	138 E. Court Street, Room 603 Cincinnati, OH 45202	513-946-4409
Hamilton County Board of Commissioners	Commissioner, Dennis Deters	138 E. Court Street, Room 603 Cincinnati, OH 45202	513-946-4406
Hamilton County Board of Commissioners	Commissioner, Todd Portune	138 E. Court Street, Room 603 Cincinnati, OH 45202	513-946-4401
Hamilton County Municipal League	Stiney Vonderhar	10500 Reading Road, Evendale, OH, 45241	513-563-0808
Pleasant Ridge Community Council	President, Bill Frost Vice President, Sarah Souder Pipeline Committee, Christine Schroder	P.O. Box 128705, Cincinnati, OH, 45212	513-279-2606 (alt. 513-675-6398)
Madisonville Community Council	President, Luke Brockmeier	P.O. Box 9514, Cincinnati, OH 45209	513-226-0134
City of Cincinnati	Mayor, John Cranley City Manager, Harry Black	801 Plum Street, Suite 150, Cincinnati, OH 45202	Mayor: 513-352-3250 City Manager: 513-352-3243
Village of Evendale	Mayor, Richard Finan City Administrator, David Elmer	10500 Reading Road, Evendale, OH 45241	513-563-2244

TABLE 6-1A

List of Public Officials Contacted Regarding the Project

Stakeholder / Entity	Person Contacted	Address	Phone #
City of Reading	Mayor, Robert (Bo) Bemmes Safety Director, Patrick Ross	1000 Market Street, Reading, OH 45215	Mayor: 513-733-3725 Council Pres.: 513-237-0310
Sycamore Township	Township Administrator, Greg Bickford President, Tom Weidman	8540 Kenwood Road, Cincinnati, OH 45236	513-791-8447
City of Deer Park	Mayor, John Donnellon City Manager, Mike Berens	7777 Blue Ash Road, Deer Park, OH 45236	513-794-8860
Silverton	Mayor, John A. Smith Village Administrator, Tom Carroll	6860 Plainfield Road, Silverton, OH 45236	513-792-6560
Maderia	Mayor, Melisa Adrien City Manager, Thomas Moeller	7141 Miami Ave., Madeira, OH 45243	513-561-7228
Fairfax	Mayor, Carson Shelton Village Administrator, Jennifer Kaminer	5903 Hawthorne Ave., Fairfax, OH 45227	Mayor: 513-527-6504 Village Admin.: 513-527-6503
Sharonville	Mayor, Kevin Hardman City Manager, Jim Lukas	10900 Reading Road, Cincinnati, OH 45241	513-769-4170 513-563-1144
Columbia Township	Township Administrator, C. Michael Lemon President, David Kubicki	5686 Kenwood Road, Cincinnati, OH 45227	513-561-6046
Amberley Village	Mayor, Tom Muething Village Administrator, Scot Lahrmer	7149 Ridge Road, Cincinnati, OH 45237	513-531-8675
Norwood	Mayor, Thomas Williams Safety Director, Joseph Geers	4645 Montgomery Road, Norwood, OH 45212	Mayor: 513-458-4501
Roselawn	Robert Mosley, Sr.	P. O. Box 37087, Cincinnati, OH 45222	513-821-8918
Bond Hill	Jeffrey Davis, Sr.	1237 California Avenue, Cincinnati, OH 45237	513-977-5333 (alt. 513-417-5333)
Blue Ash	Mayor, Lee Czerwonka City Manager, Dave Waltz Councilman, Marc Sirkin	4343 Cooper Road, Blue Ash, OH 45242	Mayor: 513-745-8539 City Manager: 513-745-8538

TABLE 6-1A

List of Public Officials Contacted Regarding the Project

Stakeholder / Entity	Person Contacted	Address	Phone #
Golf Manor	Mayor - Ron Hirth Vice Mayor - Bob Harper	6450 Wiehe Road Golf Manor, OH 45237	513-531-7491
Ohio Department of Transportation (ODOT)	Chief of Staff	District 8, 505 S. State Route 741, Lebanon, OH 45036	(513) 933-6568
Port Authority of Cincinnati	Melissa Johnson	3 East Fourth St., Suite 300, Cincinnati, OH 45202	513-621-3000
City of Montgomery	Wayne Davis	10101 Montgomery Road, Montgomery, OH 45242	(513) 891-2424
Madisonville Community Council	Luke Brockmeir	5320 Stewart Ave, Cincinnati, OH 45227	513-601-8977

APPENDIX 6-2

List of Public Officials to be Served a Copy of the Accepted Application

Appendix 6-2

List of Public Officials to be Served a Copy of the Accepted Application

Hamilton County
Commissioner Dennis Deters
Commissioner Chris Monzel
Commissioner Todd Portune
138 East Court Street, Room 603
Cincinnati, Ohio 45202
(513) 946-4400

Hamilton County Engineer's Office
Theodore B. Hubbard
138 East Court Street, Room 700
Cincinnati, Ohio 45202
(513) 946-4250

Hamilton County Planning and Development Department
Director Todd Kinskey
138 East Court Street, Room 801
Cincinnati, Ohio 45202
(513) 946-4550

Sycamore Township
President Tom Weidman
Vice President Cliff Bishop
Trustee Denny Connor
Fiscal Officer Rob Porter
8540 Kenwood Road
Cincinnati, Ohio 45236
(513) 791-8447

Columbia Township
President David Kubicki
Vice President Susan Hughes
Trustee Christos Kritikos
Fiscal Officer Caroline Heekin
Administrator C. Michael Lemon
5686 Kenwood Road
Cincinnati, Ohio 45227
(513) 561-6046

City of Blue Ash
Mayor Lee Czerwonka
Vice Mayor Tom Adamec
Councilman Rob Ryan
Councilwoman Stephanie Stoller
Councilman Pramod Jhaveri
Councilman Robert Buckman
Councilman Marc Sirkin
4343 Cooper Road
Blue Ash, Ohio 45242
(513) 745-8500

City of Cincinnati
Mayor John Cranley
Vice Mayor David Mann
President Pro Tem Yvette Simpson
Council Member Kevin Flynn
Council Member Amy Murray
Council Member Chris Seelbach
Council Member P.G. Sittenfeld
Council Member Christopher Smitherman
Council Member Charlie Winburn
Council Member Wendell Young
801 Plum Street
Cincinnati, Ohio 45202
(513) 352-3250

City of Cincinnati Transportation and Engineer
~~Don Gindling~~Director Michael Moore
801 Plum Street, Room 450
Cincinnati, Ohio 45202
(513) 352-1518

City of Cincinnati Planning Department
Chair Daniel Driehaus
801 Plum Street
Cincinnati, Ohio 45202
(513) 352-4845

City of Deer Park
Mayor John Donnellon
President of Council Chris Hedger
Councilperson Lori Newsom
Councilperson Mike Rapp
Councilperson Dan Lehane
Councilperson Charles Tassell
Councilperson Ron Tolliver
Councilperson John Perin

Councilperson Jim Lenihan
7777 Blue Ash Road
Deer Park, Ohio 45236
(513) 794-8860

Village of Fairfax
Mayor Carson Shelton
Vice Mayor Dan Telgkamp
Council Member Sharon Lally
Council Member Ginny Cammeresi
Council Member Dan Dockery
Council Member Russell Riffle
Council Member Bob Ernst
5903 Hawthorne Ave
Fairfax, Ohio 45227
(513) 527-6504

City of Maderia
Mayor Melisa Adrien
Vice Mayor Traci Theis
Member Tom Ashmore
Member Chris Hilberg
Member Nancy Spencer
Member Scott Gehring
Member Mike Steur
7141 Miami Avenue
Maderia, Ohio 45243
(513) 561-7228

City of Montgomery
Mayor Chris Dobrozsi
Vice Mayor Lynda Roesch
Council Member Michael Cappel
Council Member Ann Combs
Council Member Gerri Harbison
Council Member Craig Margolis
Council Member Ken Suer
10101 Montgomery Road
Montgomery, Ohio 45242
(513) 891-2424

City of Sharonville
Mayor Kevin M. Hardman
President of Council Vicki Hoppe
Council Member Mark Piepmeir
Council Member Al Ledbetter
Council Member Ed Cunningham
Council Member Shayok Dutta

Council Member David Koch
Council Member Paul Schmidt
Council Member Rob Tankersley
Council Member Mike Wilson
Council Member Charles Lippert
Council Member Sue Knight
10900 Reading Road
Sharonville, Ohio 45241
(513) 563-1144

Village of Silverton, Ohio
Mayor John A. Smith
Vice Mayor Franklin D. Wilson
Councilman Mark J. Quarry
Councilman Frank C. Sylvester
Councilwoman Idella Thompson
Councilwoman Dottie M. Williams
Councilwoman Shirley J. Hackett-Austin
6860 Plainfield Road
Silverton, Ohio 45236
(513) 936-6240

Village of Amberley
Mayor Tom Muething
Vice Mayor Natalie Wolf
Council Member Richard Bardach
Council Member Peg Conway
Council Member Edward Hattenbach
Council Member Elida Kamine
Council Member Ray Warren
7149 Ridge Road
Cincinnati, Ohio 45237
(513) 531-8675

Village of Evendale
Mayor Richard H. Finan
Vice Mayor Jeff Albrinck
President of Council John Ranz
Council Member Beth McDaniel
Council Member Bill Puthoff
Council Member Chris Schaefer
Council Member Carolyn Smiley-Robertson
10500 Reading Road
Evendale, Ohio 45241
(513) 563-2244

Village of Golf Manor
Mayor Ron Hirth
Council Member Sharon Chaney
Council Member ~~Darlene Dangerfield~~Kenneth Colvin
Council Member ~~Bob Harper~~Stefan Densmore
Council Member Greg Schwartzberg
Council Member Ryan Tolle
Council Member Alan Zaffiro
Council Member Brenda Dubose
6450 Wiehe Road
Golf Manor, Ohio 45237
(513) 531-7491

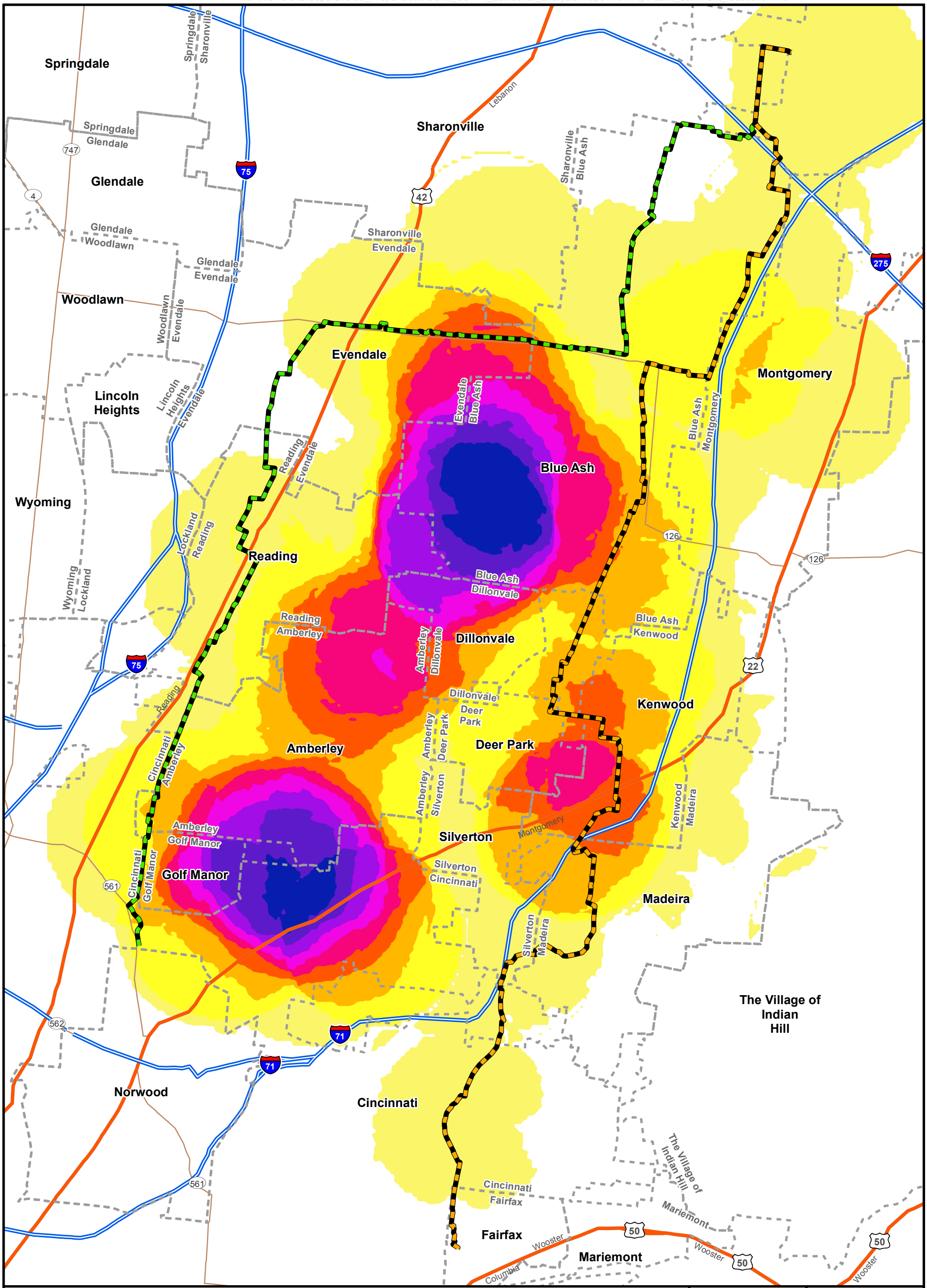
City of Reading
Mayor Robert Bemmes
President of Council Cris Nesbitt
Council Member David Stevenson
Council Member Randy Fischesser
Council Member Robert Ashbrock
Council Member Don Linderman
Council Member Tim Cox
Council Member Anthony Gertz
Council Member Tom Lynd
Council Member Dennis Albrinck
Council Member Sabrina Ashley Smith
Council Member Mel Gertz
Council Member Carla Kacher
1000 Market Street
Reading, Ohio 45215
(513) 733-3725

City of Norwood
Mayor Tom Williams
President of Council Donna Laake
Council Member Brandon Blair
Council Member Marilyn Hanrahan
Council Member Joseph Sanker
Council Member John Mumper
Council Member James Bonsall
Council Member Andrew Clark
Council Member Tammy E. Shutz Stickley
~~Clerk of Council Joe S. Geers~~
4645 Montgomery Road
Norwood, Ohio 45212
(513) 458-4500

APPENDIX 6-3

Public Comments Depicted as Heat Map

\\CANOPUS\Groups\GIS\00_Proj\D\Duke\Duke_C314V_additional_analysis\Maps\Working\Public_comment_locations.mxd



LEGEND:

- Preferred Route
- Alternate Route
- Municipal Boundary
- Higher Comment Density
- Lower Comment Dnesity

Note: Address information was not provided by approximately 430 out of the 1,647 respondents.

N

0 5,000 10,000
Scale in Feet

DUKE ENERGY

C314-V Central Corridor Extension Project

FIGURE 6-3A
PUBLIC COMMENT DENSITY
COMMENTS COMPILED THROUGH 1/9/2017

PN: 672247	DATE: 1/16/2017
CREATED BY:TH	ch2m
REVIEWED BY: JH	

APPENDIX 6-4

Public Informational Meeting Notifications, Materials, and Brochures

Schedule

This is an estimated schedule for the pipeline project. The project must be permitted, surveyed and designed before we can create a detailed schedule. The current high-level schedule for this project is:

- **Spring 2016** – Begin survey and project design
- **Summer 2016** – Apply for permits, continue design and begin easement request
- **Spring 2017** – Complete design
- **Summer 2017** – Construction begins
- **Fall 2018** – Construction complete

***Note:** The construction schedule may span 16 months, but individual properties will be affected for a much shorter time period – likely three to six weeks or less, depending on the size of the property.

Acquiring Easements

Easements are legal agreements that give Duke Energy the right to use specific portions of land for certain purposes. Easement fees are determined through discussions between Duke Energy and property owners at fair market rates, depending on the size and location of the easement. When terms of the easement are reached, a legal document is drawn up and signed by both parties. Easements will be needed to give Duke Energy access to property to construct and maintain the proposed pipeline. The property owner will maintain ownership of the property, subject to the rights granted to Duke Energy. A Duke Energy representative will contact property owners where easements are needed and work with these owners to resolve any special concerns, such as replacing grass, trees or other features. The signed legal document will be recorded at the appropriate county courthouse.

Project Summary

Natural gas has been available in the Cincinnati area since 1837, and historically, statistics show that pipelines are the safest mode of energy transportation.

In 2015, Duke Energy completed an extensive study of our gas supply system that serves over 500,000 customer accounts in Ohio and Kentucky. The focus of this study was the array of high-pressure steel pipelines that have been installed over the past half century or more to deliver gas into the distribution system for our customers. As Duke Energy looks to the future, we believe a Plan to Improve, Protect and Expand our System (PIPES) is essential for our current and future customers.

The proposed Central Corridor Pipeline Extension is a 30-inch steel natural gas pipeline that will run from an existing gas transmission line near the intersection of Hamilton, Butler and Warren counties and end in either the Norwood or the Fairfax area. The line will transverse approximately 12 miles through northern Cincinnati/central Hamilton County.

The pipeline will enhance the reliability of the system. It will do so by maintaining consistent pressures and providing for operational efficiencies and configurations. These will allow for reliable balance of supply and reduce dependencies on gas transmission lines in Kentucky as well as propane peaking facilities.

We're expecting construction to start in the summer of 2017 and be complete by the fall of 2018. Although construction over the approximate 12-mile route will take several months, pipeline construction on each property should take approximately three to six weeks. Timing may vary depending on the size of the property.

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Natural Gas Pipeline Construction Project

Central Corridor
Pipeline Extension Project

30-Inch Natural Gas Pipeline

DUKE ENERGY®

Summary

This project is part of a larger project designed to improve, protect and expand our system for current and future customers. This pipeline extension project will enhance gas supply reliability and flexibility across the system, replace and modernize aging infrastructure and position Duke Energy to supply growing demand for natural gas in southwest Ohio.

If you have any specific questions about this project, please contact us at:
CentCorridorPipeline@duke-energy.com
or **513.287.2130**

For general information about natural gas, please visit the American Gas Association's website: **www.aga.org**

Restoration of Property

Fields, lawns, sidewalks, landscaping and some roadways will be disrupted temporarily during construction of the pipeline. Any property disturbed by the construction will be restored to its pre-existing condition or better by Duke Energy. A video of the pipeline route will be taken before any digging begins and will be used to guide restoration. All of this will be discussed in easement agreements between property owners and Duke Energy. After the pipeline has been constructed, owners can use their property as before, with a few exceptions. Roadways and sidewalks may be built within the easement as long as the existing grade is not changed. Other large permanent structures such as homes, garages and swimming pools are not allowed because Duke Energy needs to maintain access for inspections and required maintenance to the pipeline. Specifics of property restoration will be discussed during easement discussions.

Note: For most properties, the proposed pipe will be placed inside the building setback limit – the area in which zoning would not allow structures to be built.

Modern Safety Features

State-of-the-art construction materials, pipeline corrosion protection, welding techniques and other safety features will be designed into the Central Corridor Extension natural gas pipeline. For example, the outside of each pipe section is coated with a hard, green epoxy film that prevents corrosion. Before each pipe section is installed, this coating will be carefully inspected in the field to make sure it has no flaws or defects. All welded joints between pipe sections will be X-rayed to make sure they meet strict industry standards.

Welds will then be sealed with a coating to prevent corrosion. When construction is complete, the inside of the pipeline will be cleaned using a scrubber that removes dust, scale, water and other debris. Finally, the new pipeline will be pressure tested with air and water to make sure there are no leaks or weaknesses in the pipeline. When the pipeline has passed all of these safety checks it will be ready to receive natural gas. Once in operation, the pipeline will be inspected regularly for leaks, and the ground will be monitored for potential soil erosion.

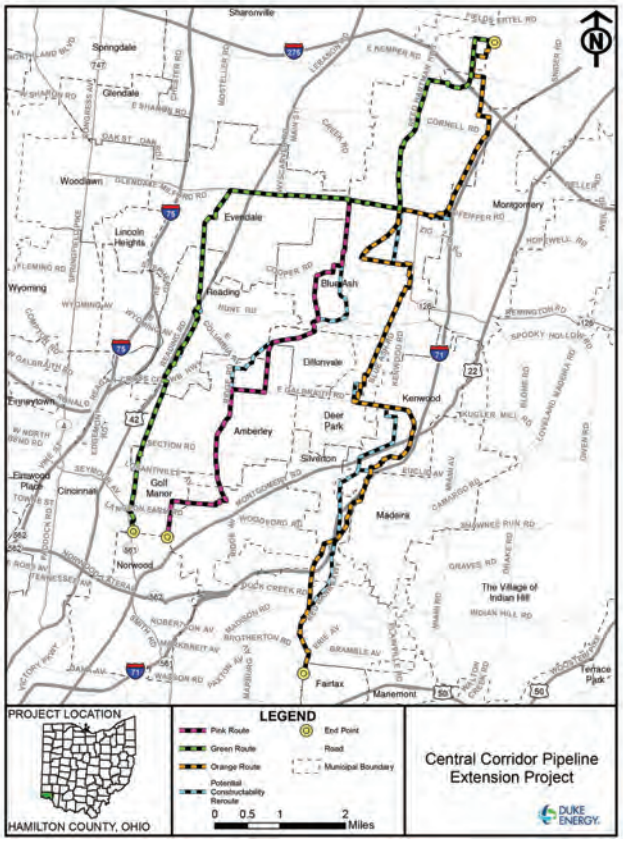
Construction Sequence

This pipeline will be completed in several phases of construction. First, the pipeline route will be marked off with survey stakes. Then, excavating equipment will begin digging a trench where the pipeline will eventually be installed. When a portion of the trench has been dug, several sections of pipe will be welded together. Excavating equipment outfitted with lifting straps will pick up the long sections of welded pipe and place them in the trench. When the entire pipeline has been connected and all of the safety checks are complete, the pipeline will be covered with backfill material and the ground surface will be restored. Finally, the pipeline will be strength tested and pressurized.

Pipeline Facts

Length: Approximately 12 miles
Diameter: 30 inches
Material: Welded carbon steel with a fusion-bonded epoxy coating
Depth: Typically installed 4 feet (3 feet minimum) below grade
Backfill: Controlled density fill (road right of way) or replaced excavated soil materials
Construction: Approximate 40-foot pipe sections welded together

Proposed Routes



CENTRAL CORRIDOR PIPELINE EXTENSION PROJECT

QUESTIONNAIRE

Please complete this questionnaire after reviewing the information presented at today's open house.

This questionnaire is designed to help review and comment on the proposed routing of approximately 12 miles of a new gas transmission line from northern Hamilton County to the Norwood or Fairfax areas. Your comments will help the study team understand public interests and concerns about the project.

Which Open House(s) did you attend?

- ☐ Tuesday, March 22nd at Sycamore Township Community Center
- ☐ Wednesday, March 23rd at Pleasant Ridge Montessori School

1. Has the need for the proposed project been adequately explained?

   ☐ Yes ☐ No ☐ Uncertain

If "no" or "uncertain," what additional information would be helpful to you?

_____

2. Which of the following applies to your situation?

   ☐ Green Alternative ☐ Orange Alternative ☐ Pink Alternative ☐ Blue Alternative

   ☐ Potential line route(s) is near my home.

   ☐ Potential line route(s) is near my business.

   ☐ Not affected by potential routes.

   Other, please specify _____

3. Do you have any questions or comments concerning this project or the routes presented?

   _____

   _____

   _____

4. Of the routes presented do you have a preference?

   _____

   _____

   _____

5. Are there other features or structures not shown on the maps that you feel should be brought to our attention and considered when identifying route alternatives?

   _____

   _____

   _____

   Please visit one of our computer stations to have the specific location recorded in our project database.

Continued on back

6. Do you have any current easements/options on your property? ☐ Yes ☐ No

If yes, what type (gas, electric, road, other utility, etc.):

_____

7. Is the public open house format and the information provided helpful for your understanding of the project and process?

OPEN HOUSE FORMAT:	☐ Helpful	☐ Not Helpful
INFORMATION PROVIDED:	☐ Helpful	☐ Not Helpful

8. OPTIONAL: Please enter your name and address below. (This information will be kept confidential.)

Name _____ Phone _____

Address_____

Email: _____

☐ Would you like someone from the Duke Energy project team to contact you to discuss your questions. Please indicate your preferred contact method - (circle one) phone e-mail regular mail.

ADDITIONAL COMMENTS OR QUESTIONS:

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

This questionnaire will also be available at www.duke-energy.com/ohio/natural-gas/central-corridor.asp **web page**

If taking the questionnaire with you, please return it by April 10, 2016 to:

Central Corridor Pipeline Extension Project
139 E 4TH Street
Cincinnati, Ohio 45202

Duke Energy
139 East Fourth Street
Cincinnati, OH 45202

May 24, 2016

<Mailing Name>
<Mailing Address 1>
<Mailing Address 2>
<Mailing City>,< Mailing State> < Zip >

Important information on a proposed Duke Energy natural gas project in your area – Central Corridor Extension Project

Dear Resident,

We are writing to inform and update you about a proposed natural gas pipeline project in your area. The project is designed to increase the reliability and dependability of our natural gas delivery system. Due to recent changes to the precise locations being proposed, some of you are hearing from us for the first time. Others have received a previous communication.

Natural gas has been available in the Cincinnati area since 1837, when our predecessor company, Cincinnati Gas Light and Coke Company, went into business to illuminate the downtown streets. It is crucial that we continually plan for our energy future. Providing safe, reliable natural gas is a responsibility we at Duke Energy take very seriously. This pipeline will ensure natural gas reliability for the next generation in Hamilton County.

The Central Corridor Pipeline Extension will be a 30-inch steel natural gas line that will run underground from the northern boundary of Hamilton County near the intersection of Hamilton, Warren and Butler counties to the Norwood Station or Red Bank Road area south of Erie Avenue. The enclosed map shows the three proposed routes. As mentioned previously, these routes have been further defined since we first published them in February. We are now contacting residents who could be impacted along the three modified proposed natural gas line routes. If the project is approved, only one proposed route option will be constructed.

This project is the extension of a pipeline that was completed in 2003 that safely provides natural gas transmission from cross-country pipelines to northern Hamilton County. This new pipeline extension will provide additional natural gas supplies farther south to the central Cincinnati area.

The project requires an application for a Certificate of Environmental Compatibility and Public Need from the Ohio Power Siting Board (OPSB) in Columbus, Ohio. The process before the OPSB will include an investigation of the proposal, hearings and a decision by the board. Those interested in learning more may participate in the process by testifying at a public hearing or by seeking permission to formally intervene in the case. You may request notification of the schedule for the hearings, as well as the filing of other documents in the case, by signing up with the OPSB for electronic notice of filings or by sending a letter to the OPSB to indicate your interest. The case may be found on the OPSB's website, identified as Case No. 16-253-GA-BTX.

Over the next several weeks, you may see surveyors on your property taking measurements. Typically, this will take an hour or less depending on the size of your property. Duke Energy and our contractors will make an effort to contact the homeowners upon arrival to notify you of our presence.

We're expecting construction on this pipeline to start in the summer of 2017 and be completed by the fall of 2018. Although construction over the estimated 12-mile route will take approximately 16 months to complete, pipeline construction on each property typically takes between three to six weeks but may vary greatly depending on the size of the lot and other factors. More specific information about the project and schedule can be found in the enclosed brochures.

In March, Duke Energy held two open houses for residents who were potentially affected by the project. Since the routes have changed slightly, we'll be hosting a third open house. We invite you to attend.

Duke Energy Informational Open House

Wednesday, June 15, 2016

5:00 p.m. to 8:00 p.m.

Cooper Creek Event Center

4040 Cooper Road

Blue Ash, Ohio 45241

The meetings will use an informal, drop-in format, allowing you to attend as your schedule permits. Duke Energy representatives will share information on the proposed pipeline, including aerial maps of the proposed route options, an estimated timeline for the project and other materials. You will also have the opportunity to locate and zoom in on your property to see where it is located relative to the proposed route options. Digital aerial photography will be available on computer stations.

The project is currently in the conceptual design phase. As the design is further refined, and as Duke Energy progresses through the OPSB application process, we'll better know if your property may be affected. If the OPSB certificate for the project is granted, and if your property will be affected by the approved route, we'll arrange a time to meet with you individually.

If you have questions or can't attend the meeting, please contact us by phone at 513.287.2130 or by email at CentCorridorPipeline@duke-energy.com. The OPSB can be reached by email at contactOPSB@puc.state.oh.us, by phone at 866.270.6772 or by mail addressed to: The Ohio Power Siting Board, 180 East Broad Street, Columbus, OH 43215. The OPSB's website can be found at opsb.ohio.gov/opsb.

We look forward to seeing you at the Informational Open House. Thank you for working with us as we move forward with this important project.

Sincerely,

James Olberding, Duke Energy
Central Corridor Pipeline Extension – Project Manager

Reference:

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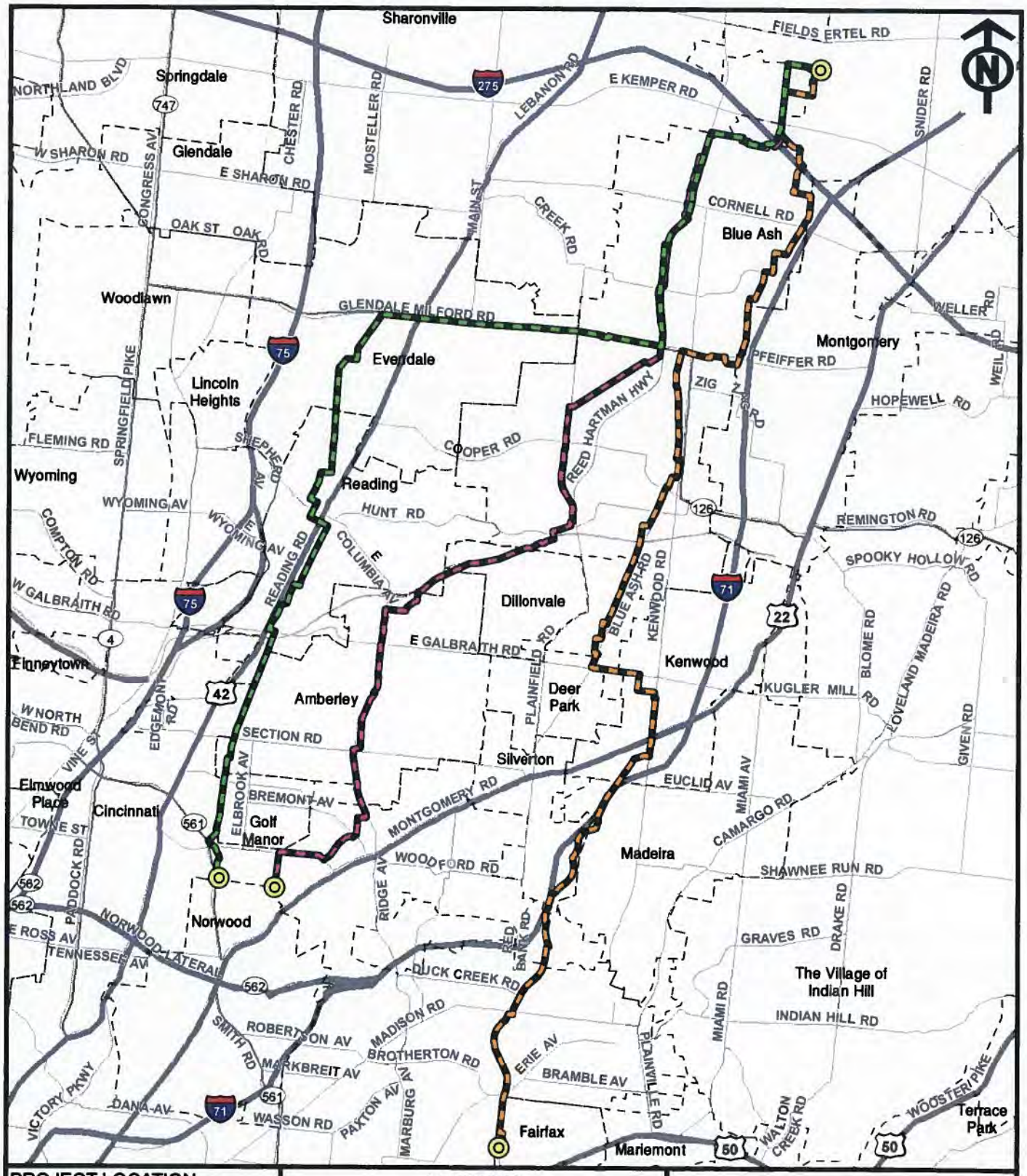


PROJECT LOCATION

HAMILTON COUNTY, OHIO

LEGEND

- Pink Route
- Green Route
- Orange Route
- End Point Alternative
- Road
- Municipal Boundary

0 0.5 1 2 Miles

Central Corridor Pipeline Extension Project Revision 1 5/23/2016

DUKE ENERGY.

Owens applies as search goes on for health chief

Anne Saker
asaker@enquirer.com

The struggle to select a new health commissioner bubbled up Monday in a City Council committee hearing, with council members warning that they want to make sure a national search is done so that the process is fair.

The Cincinnati Board of Health, which oversees the Cincinnati Health Department, is conducting a national search for the person who will take over from Noble Maseru, who stepped down June 1 after 10 years on the job.

Dr. O'dell Owens, now the city's interim health commissioner, said Monday he has applied to take on the job permanently "to try to make Cincinnati the healthiest city in the country."

The Cincinnati native, once Hamilton County coroner and later president of Cincinnati State Technical and Community College, joined the health department in September as medical director, or Maseru's No. 2.

But a vigorous debate is arising within the community and the political grid over the next health commissioner. Monday, council member Charlie Winburn complained that while he likes and appreciates Owens, he believes the board of health may be rushing to a conclusion. He threatened to intercede if the process is not open enough.

"If I have to go to court myself and file an injunction to make sure that women have a chance to be considered, to make sure that the process is fair and is consistent, then I will," Winburn said.

"I have no problems with the current acting health commissioner. He's a friend of mind. He's a wonderful person. It has nothing to do with that," Winburn said of Owens. "If this selection has already been made, and they're just going through the motions, that we're giving the appearance of being fair and objective, maybe they are, and maybe they're not. I don't know."

Malcolm Timmons, the chairman of the board of health, said Monday that no decisions about the commissioner's job have been made. The board is conducting a national search, he said, and, "We're going to be very transparent about this."

Last week, Timmons put out a notice to the public asking for comment on the search for a new health commissioner at a special webpage: http://bit.ly/1ZvXoHf.

The health department employs 480 people, treats nearly 40,000 clients and has a projected budget for next year of about $49 million to run seven primary care health centers, one free-standing dental center, one free-standing vision and dental center and eleven school-based health centers.

Owens said Monday that the health commissioner's job appeals to him because of the significant and varied tasks on the agenda.

"Every day, there are so many unique challenges, I feel so blessed to have the opportunity to apply for a job like this," Owens said.

Shortly after Maseru announced his retirement, supporters of Owens told the board of health at its April 26 meeting that with Owens, his credentials and intimate knowledge of Cincinnati already in house, a national search for a commissioner was too expensive and not necessary. But Timmons announced the board would conduct a search.

At the May 24 board meeting, Timmons announced the membership of the search committee, including Timmons, several board members and an executive with the private Cincinnati nonprofit the Center for Closing the Health Gap, founded and administered by former Mayor Dwight Tillery.

The city's next fiscal year budget includes a $1 million in tax dollars to the center, a $250,000 increase from last year. But in the next year's budget, the center's grant will be accounted for through the health department.

NOTICE OF PUBLIC INFORMATION MEETING FOR PROPOSED MAJOR UTILITY FACILITY

Duke Energy Ohio, Inc., (Duke Energy Ohio) Schedules Open House to Discuss New Natural Gas Pipeline Project

Duke Energy Ohio invites residents of Hamilton County to attend a public information open house regarding plans to install a natural gas pipeline that will run from an existing gas main near the intersection of Butler, Warren and Hamilton Counties to an existing gas main near the Norwood or Red Bank Road area south of Erie Avenue.

A third public open house to discuss the proposed Central Corridor Extension Natural Gas Pipeline Project (Project) will be offered on:

- Wednesday, June 15, 2016, from 5:00 p.m. to 8:00 p.m., at the Cooper Creek Event Center, 4040 Cooper Road, Blue Ash, Ohio 45241.

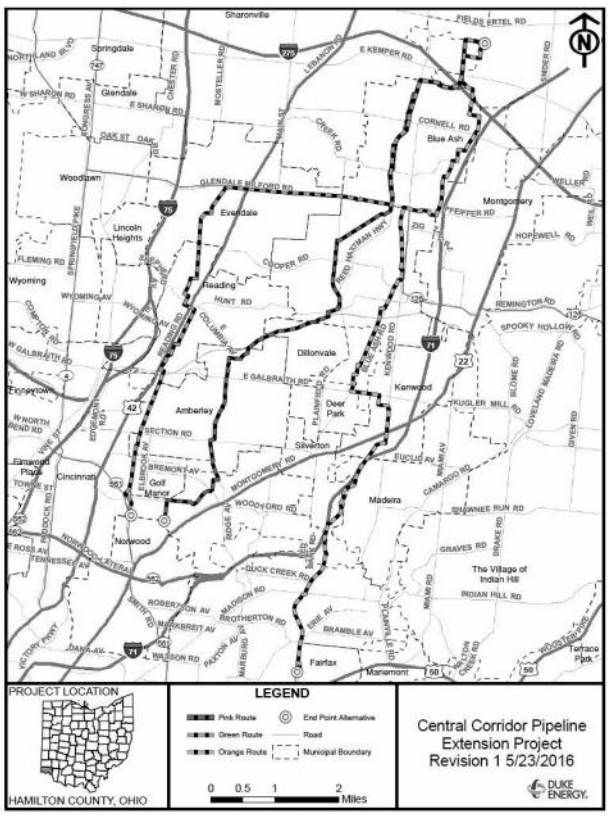
Duke Energy Ohio plans to build this new natural gas line in order to increase the reliability and dependability of the natural gas delivery system in central Cincinnati. The Project consists of the current extension of a pipeline that was completed in 2003 that provided gas transmission from cross-country pipelines to northern Hamilton County. The Project will run from an existing gas main near the intersection of Butler, Warren and Hamilton Counties to an existing gas main near the Norwood area or Red Bank Road area south of Erie Avenue.

The Project consists of constructing and installing a buried 30-inch natural gas pipeline having a length of approximately 12 miles. The general Project location is shown on the accompanying map of the area. This map has been updated, since the first two open houses, to reflect routing changes that the Company has already determined.

Duke Energy Ohio expects to file the application for a Certificate of Environmental Compatibility and Public Need for the Project with the State of Ohio Power Siting Board (OPSB) in the summer of 2016. The application has been assigned Case Number 16-253-GA-BTX. This number should be included in all communications with respect to this Project.

The OPSB is responsible for reviewing information related to this Project – including input from the public – and determining whether the proposed Project should be approved. There are 3 proposed route corridors at this time, as shown on the accompanying map. Only two potential route corridors will be submitted to OPSB for permitting. The OPSB will make the final decision regarding route selection. It should be noted that, due to reduced scale and limited detail, this map should be used only as a general guide.

If the application is approved, construction of the Project could begin in the summer of 2017 and be complete by the fall of 2018. Construction on each property typically takes between three to six weeks, but may vary greatly depending on the size of the lot and other factors.



Additional information about this Project can be found online at www.duke-energy.com/centralcorridor. The public also can ask questions or make comments about the Project by calling 513.287.2130 or by email at centralcorridorpipeline@duke-energy.com. Mail inquiries may be sent to the following address:

Duke Energy Ohio, Inc.
Attention: Central Corridor Pipeline
139 East Fourth Street
Cincinnati, Ohio 45202

Duke Energy
139 East Fourth Street
Cincinnati, OH 45202

February 19, 2016

<Mailing Name>
<Mailing Address 1>
<Mailing Address 2>
<Mailing City>,< Mailing State> < Zip >

Reference:
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Important information on a proposed Duke Energy natural gas transmission line project in your area – Central Corridor Extension Project

Dear Property Owner:

Natural gas has been available in the Cincinnati area since 1837, when our predecessor company, Cincinnati Gas Light and Coke Company, went into business to illuminate the downtown streets. Historically, statistics show that natural gas pipelines are the safest mode of energy transportation. It is crucial that we plan for our energy future.

We are writing to inform you of a proposed natural gas pipeline project being designed in order to increase the reliability and dependability of the natural gas delivery system in the area. Providing safe, reliable natural gas is a responsibility we at Duke Energy take very seriously. This pipeline will ensure natural gas reliability for the next generation in Hamilton County.

The proposed natural gas pipeline project will be designed to run underground from the northern boundary of Hamilton County near the intersection of Hamilton, Warren and Butler counties to the Norwood station or Red Bank Road area south of Erie Avenue. We are notifying all property owners who could be impacted as well as adjacent parcel owners along the three proposed gas line routes. Only one proposed route option will be constructed if the project is approved.

This project requires an application for a Certificate of Environmental Compatibility and Public Need from the Ohio Power Siting Board (OPSB) in Columbus, Ohio. The process before the OPSB will include an investigation of the proposal, hearings and a decision by the board. Interested persons may participate in the process by testifying at a public hearing or by seeking permission to formally intervene in the case. You may request notification of the schedule for the hearings, as well as the filing of other documents in the case, by signing up with the OPSB for electronic notice of filings or by sending a letter to the OPSB to indicate your interest. The case may be found on the OPSB's website, identified as Case No. 16-253-GA-BTX.

This project is the current extension of a pipeline that was completed in 2003 that provided gas transmission from cross-country pipelines to northern Hamilton County. This pipeline extension will provide additional gas supplies farther south to the central Cincinnati area.

The proposed Central Corridor Pipeline Extension will be a 30-inch steel natural gas line that will run from an existing gas main near the intersection of Butler, Warren and Hamilton counties to an existing gas main near Norwood station or Red Bank Road area south of Erie Avenue. There are three proposed routes at this time as shown on the attached map. If the project is approved, one of these proposed routes will be selected by the OPSB for construction.

Over the next several months, you may see surveyors on your property taking measurements. Typically, this will take an hour or less depending on the size of your property. Duke Energy and our contractors will make an effort to contact the homeowners upon arrival to alert you of our presence.

We're expecting construction on this pipeline to start in the summer of 2017 and be complete by the fall of 2018. Although construction over the estimated 12-mile route will take approximately 16 months to complete, pipeline construction on each property typically takes between three to six weeks but may vary greatly depending on the size of the lot and other factors.

No more than 90 days prior to submitting a certificate application to the OPSB, Duke Energy is required to conduct at least one informational meeting open to the public to be held in the area in which the project may be located. Duke Energy will hold these informational meetings at the times and locations below:

Tuesday, March 22, 2016, from 5:30 p.m. to 8 p.m.
Sycamore Township Community Center, 11580 Deerfield Road, Cincinnati, OH 45236

Wednesday, March 23, 2016, from 5:30 p.m. to 8 p.m.
Pleasant Ridge Montessori, 5945 Montgomery Road, Cincinnati, OH 45213

The meetings will use an informal, drop-in format, allowing you to attend as your schedule permits. Duke Energy representatives will share information on the proposed pipeline, including aerial maps of the proposed route options, an estimated timeline for the project and other materials. You will also have the opportunity to locate and zoom in on your property to see where it is located relative to the proposed route options. Digital aerial photography will be available on computer stations that will be set up at both of the public information meetings. The project is currently in the conceptual design phase. As the design is developed over the next several months, and as Duke Energy progresses through the OPSB application process, we'll better know if your property may be affected. If the OPSB certificate for the project is granted, and if your property will be affected by the approved route, we'll arrange a time to meet with you individually.

If you have questions or can't attend the meeting, please contact us by phone at 513.287.2130 or by email at CentCorridorPipeline@duke-energy.com. The OPSB can be reached by email at contactOPSB@puc.state.oh.us, by phone at 866.270.6772 or by mail addressed to: The Ohio Power Siting Board, 180 East Broad St., Columbus OH 43215. The OPSB's website can be found at opsb.ohio.gov/opsb.

We look forward to seeing you at the open house. Thank you for working with us as we move forward with this important project.

Sincerely,

James Olberding, Duke Energy
Central Corridor Pipeline Extension – Project Manager

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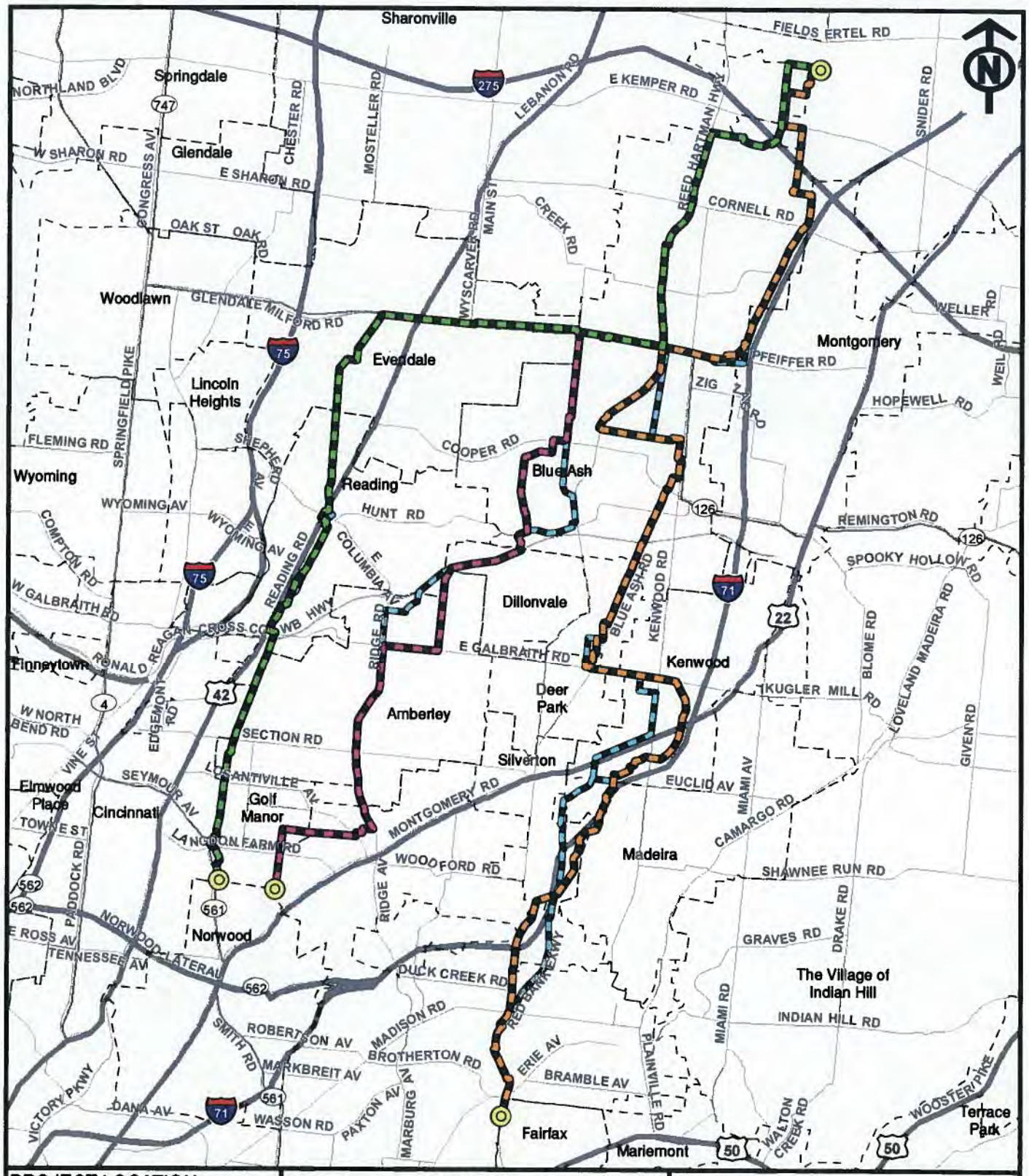


PROJECT LOCATION

HAMILTON COUNTY, OHIO

LEGEND

- Pink Route
- Green Route
- Orange Route
- Potential Constructability Reroute
- End Point
- Road
- Municipal Boundary

0 0.5 1 2 Miles

Central Corridor Pipeline Extension Project

DUKE ENERGY.

NOTICE OF PUBLIC INFORMATION MEETING FOR PROPOSED MAJOR UTILITY FACILITY

Duke Energy Ohio, Inc., (Duke Energy Ohio) Schedules Open House to Discuss New Natural Gas Pipeline Project

Duke Energy Ohio invites residents of Hamilton County to attend a public information open house regarding plans to install a natural gas pipeline that will run from an existing gas main near the intersection of Butler, Warren and Hamilton Counties to an existing gas main near the Norwood or Red Bank Road area south of Erie Avenue.

Public open houses to discuss the proposed Central Corridor Extension Natural Gas Pipeline Project (Project) will be offered twice:

- Tuesday, March 22, 2016
  from 5:30 p.m. to 8:00 p.m.,
  at the Sycamore Township Community Center,
  11580 Deerfield Road, Cincinnati, OH 45242
- Wednesday, March 23, 2016,
  from 5:30 p.m. to 8:00 p.m.
  at the Pleasant Ridge Montessori,
  5945 Montgomery Road, Cincinnati, OH 45213

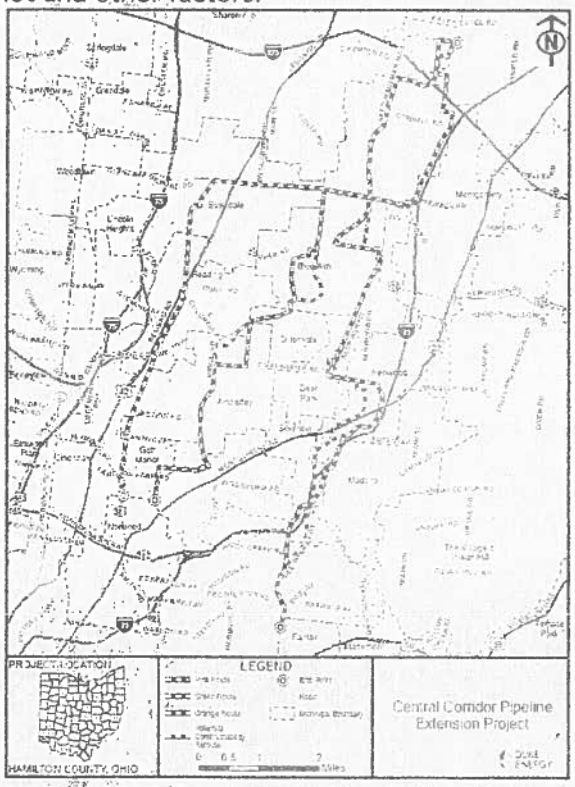
Duke Energy Ohio plans to build this new natural gas line in order to increase the reliability and dependability of the natural gas delivery system in central Cincinnati. The Project consists of the current extension of a pipeline that was completed in 2003 that provided gas transmission from cross-country pipelines to northern Hamilton County. The Project will run from an existing gas main near the intersection of Butler, Warren and Hamilton Counties to an existing gas main near the Norwood area or Red Bank Road area south of Erie Avenue.

The Project consists of constructing and installing a buried 30-inch natural gas pipeline having a length of approximately 12 miles. The general Project location is shown on the accompanying map of the area.

Duke Energy Ohio expects to file the application for a Certificate of Environmental Compatibility and Public Need for the Project with the State of Ohio Power Siting Board (OPSB) in June 2016. The application has been assigned Case Number 16-253-GA-BTX. This number should be included in all communications with respect to this Project.

The OPSB is responsible for reviewing information related to this Project – including input from the public – and determining whether the proposed Project should be approved. There are 3 proposed route corridors at this time, as shown on the accompanying map. Only two potential route corridors will be submitted to OPSB for permitting. The OPSB will make the final decision regarding route selection. It should be noted that, due to reduced scale and limited detail, this map should be used only as a general guide.

If the application is approved, construction of the Project could begin in the summer of 2017 and be complete by the fall of 2018. Construction on each property typically takes between three to six weeks, but may vary greatly depending on the size of the lot and other factors.



Additional information about this Project can be found online at www.duke-energy.com/centralcorridor. The public also can ask questions or make comments about the Project by calling 513.287.2130 or by email at centralcorridorpipeline@duke-energy.com

Mail inquiries may be sent to the following address:

Duke Energy Ohio, Inc.
Attention: Central Corridor Pipeline
139 East Fourth Street
Cincinnati, Ohio 45202

CE-0006543929

Duke Energy
139 East Fourth Street
Cincinnati, OH 45202

Jan. 3, 2017

First_Last
Mail_Str_Address
City_State_Zip

Important Information on a Proposed Duke Energy Natural Gas Project in Your Area: Central Corridor Pipeline Extension Project

Dear Neighbor:

For more than 175 years, Duke Energy Ohio has provided safe and reliable natural gas service to our communities in the Greater Cincinnati area. As our communities have grown, so too has our natural gas system. This system has performed well, but improvements are needed so that we can continue to reliably serve our customers.

Please join us for an informational meeting about our proposed Central Corridor Pipeline Extension (CCPE) project, which will increase the reliability and dependability of the natural gas delivery system in Greater Cincinnati today and for generations to come.

The CCPE project, connecting to an existing pipeline that was completed in 2003, will deliver natural gas into Hamilton County for our customers. The preferred route for the 20-inch pipeline starts from the northern boundary of Hamilton County, near the intersection of Hamilton, Warren and Butler counties, and ends in the Fairfax area, as shown on the attached map. We are notifying all potentially affected neighbors along this preferred route, as well as along the alternate route that is also shown on the map. The pipeline will only be constructed along one of these routes.

We have filed an application with the Ohio Power Siting Board (OPSB, or Board), asking for approval of the project. The process before the OPSB includes an investigation of the proposal, hearings and a decision by the Board. You may participate in the process either by testifying at a local public hearing or by seeking permission to formally intervene in the case. You may request notification of the schedule for the hearings, as well as the filing of other documents in the case, by signing up with the OPSB for electronic notice of filings or by sending a letter to the OPSB to indicate your request. Contact information is provided below.

We are planning to start construction in 2018 and complete the project by the winter of 2019/2020. Construction over the estimated 13-mile route will take approximately 16 months to complete. The actual work on any individual property typically will take three to six weeks but may vary greatly depending on the size of the lot and other factors.

Letter continued on back.

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Our upcoming information session will be held:

Thursday, January 26, 2017
Crowne Plaza Cincinnati Blue Ash, 5901 Pfeiffer Road, Blue Ash, OH 45242
Open house from 5:30 p.m. to 8:30 p.m.
Presentations at 6 p.m. and 7:30 p.m.

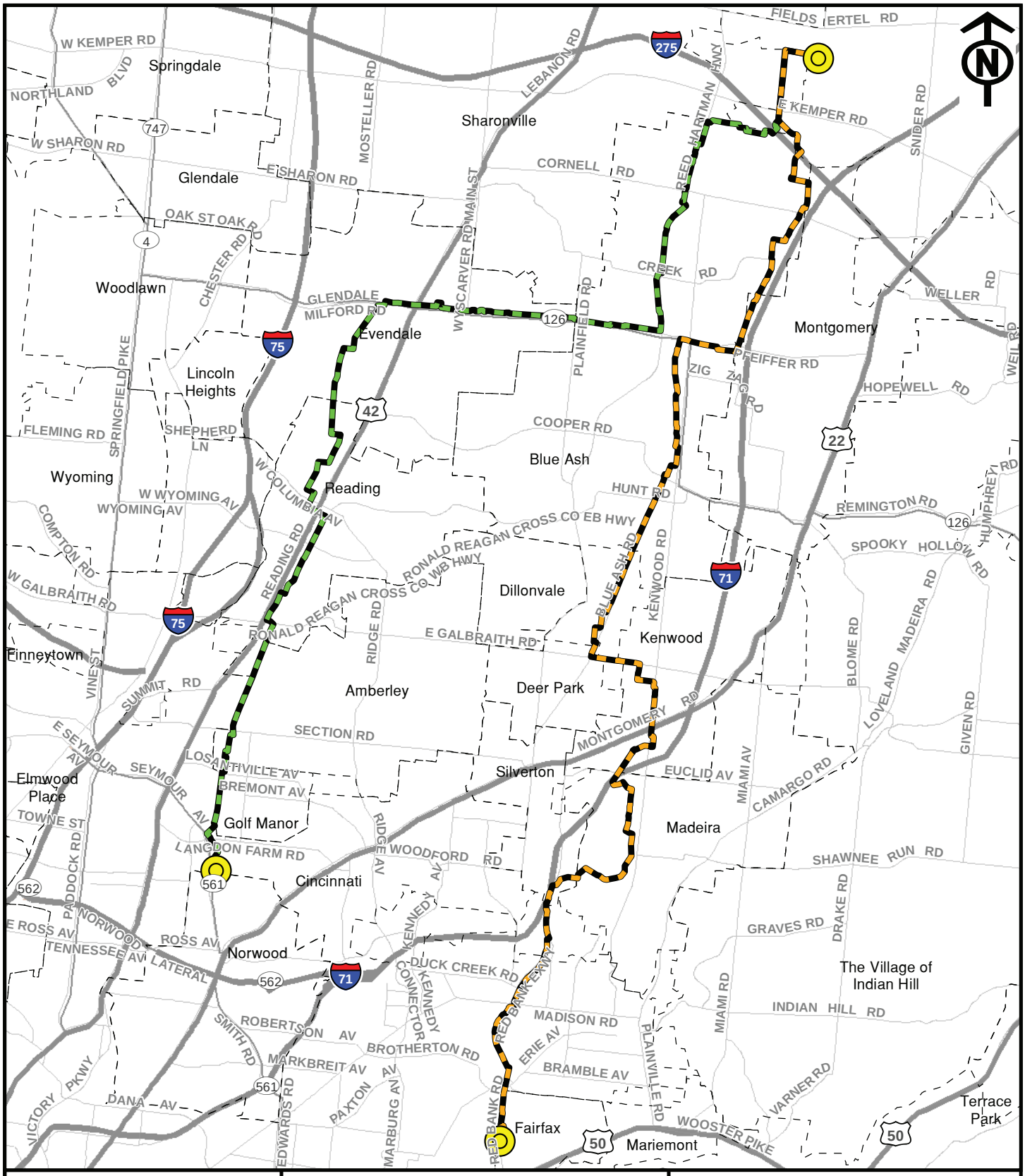
The meeting will use an informal, drop-in format, allowing you to attend as your schedule permits. In addition, Duke Energy Ohio will offer two brief, optional overviews of the project, promptly at 6 p.m. and 7:30 p.m. We will share information on the proposal, including aerial maps of the proposed route options, an estimated timeline for the project and other materials. You will also have the opportunity to locate and zoom in on your property to see where it is located relative to the proposed route options. Digital aerial photography will be available on computer stations. We will be contacting individual property owners in the next few months if an easement is required from you.

There are several ways you can get additional information or provide comments:

- Our website for this project is duke-energy.com/centralcorridor.
- If you have questions you would like to ask but can't attend the meeting, please contact us:
  – by phone at 513.287.2130
  – by email at CentCorridorPipeline@duke-energy.com
- The OPSB can be reached:
  – by email at contactOPSB@puc.state.oh.us
  – by phone at 866.270.6772
  – by mail addressed to Ohio Power Siting Board, 180 East Broad St., Columbus OH 43215
- The OPSB's website is opsb.ohio.gov/opsb. This case may be found on the OPSB's website, identified as Case No. 16-253-GA-BTX.

We look forward to seeing you at the meeting on Jan. 26. Thank you for working with us as we move forward with this important project to benefit our communities.

Please forward this information to any tenants that may be occupying properties referenced in this notification.



PROJECT LOCATION

HAMILTON COUNTY, OHIO

LEGEND

Preferred Route

Alternate Route

Road

Municipal Boundary

0 0.5 1 2 Miles

Central Corridor Pipeline Extension Project

Revision 2 1/5/2017

DUKE ENERGY.

NOTICE OF PUBLIC INFORMATION MEETING FOR PROPOSED MAJOR UTILITY FACILITY

Duke Energy Ohio, Inc., (Duke Energy Ohio) Schedules Open House to Discuss New Natural Gas Pipeline Project

Duke Energy Ohio invites residents of Hamilton County to attend a public information open house regarding plans to install a natural gas pipeline that will run from an existing gas main near the intersection of Butler, Warren and Hamilton Counties to an existing gas main in the Fairfax area.

A fourth public open house to discuss the proposed Central Corridor Extension Natural Gas Pipeline Project (Project) will be offered on:

- Thursday, January 26, 2017, from 5:30 p.m. to 8:30 p.m., at the Crowne Plaza Cincinnati Blue Ash, 5901 Pfeiffer Road, Blue Ash, Ohio 45242. Optional presentations will be offered at 6:00 p.m. and 7:30 p.m.

Duke Energy Ohio plans to build this new natural gas line in order to increase the reliability and dependability of the natural gas delivery system in central Cincinnati. The Project consists of the current extension of a pipeline that was completed in 2003 that provided gas transmission from cross-country pipelines to northern Hamilton County.

The Project will result in the construction and installation of a buried, 20-inch natural gas pipeline, having a length of approximately 12-14 miles. The general Project location is shown on the accompanying map of the area. Recent route modifications can be reviewed and discussed at the open house.

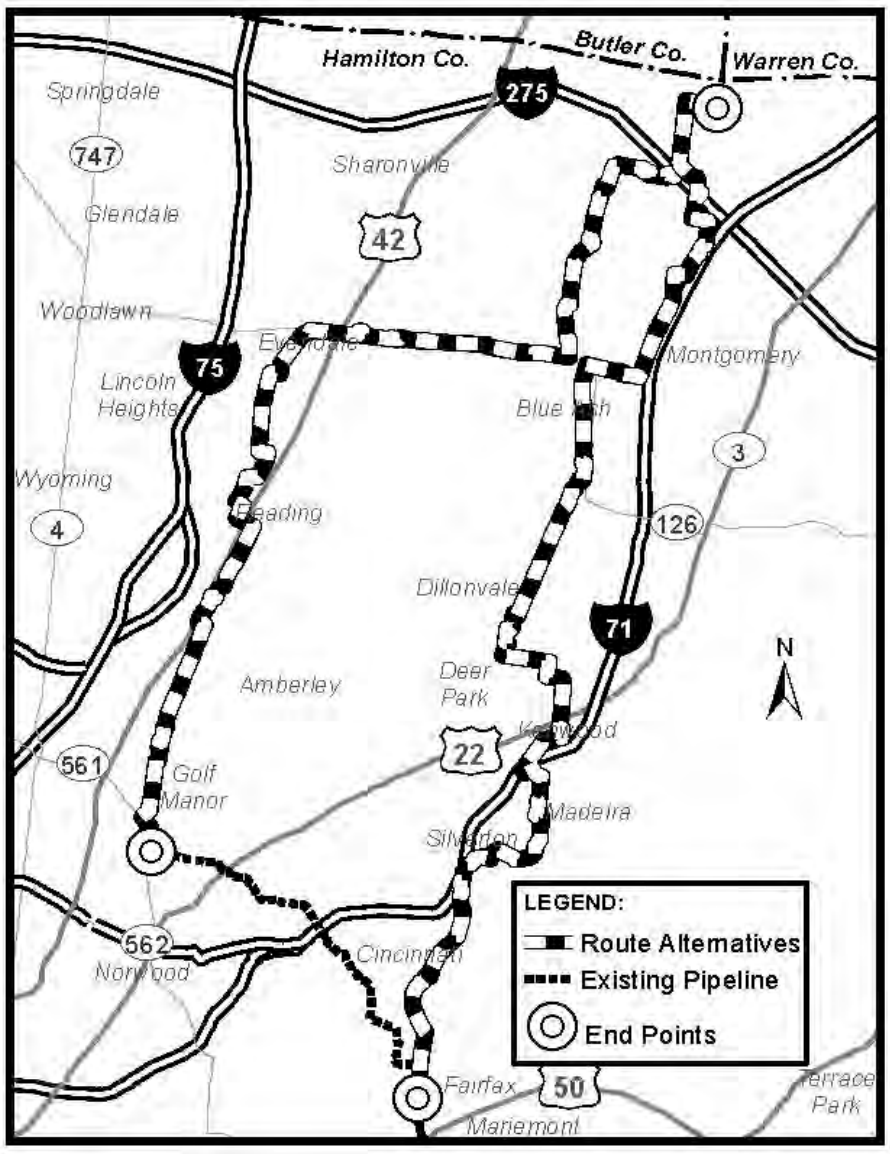
Duke Energy Ohio filed the application for a Certificate of Environmental Compatibility and Public Need for the Project with the Ohio Power Siting Board (OPSB) on September 13, 2016. The application has been assigned Case Number 16-253-GA-BTX. This number should be included in all communications with respect to this Project.

The OPSB is responsible for reviewing information related to this Project – including input from the public – and determining whether the proposed Project should be approved. There are 2 proposed route corridors at this time, as shown on the accompanying map. The OPSB will make the final decision regarding route selection. It should be noted that, due to reduced scale and limited detail, this map should be used only as a general guide.

If the application is approved, construction of the Project would begin in 2018 and be complete by the winter of 2019/2020. Construction on each property typically takes between three to six weeks, but may vary greatly depending on the size of the lot and other factors.

Additional information about this Project can be found online at www.duke-energy.com/centralcorridor. The public also can ask questions or make comments about the Project by calling 513.287.2130 or by email sent to centralcorridorpipeline@duke-energy.com. Mail inquiries may be sent to the following address:

Duke Energy Ohio, Inc.
Attention: Central Corridor Pipeline
139 East Fourth Street
Cincinnati, Ohio 45202



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Case No(s). 16-0253-GA-BTX

Summary: Amended Application Amended Application for a Certificate of Environmental Compatibility and Public Need for the C314V Central Corridor Pipeline Extension Project, PUCO Case No. 16-253-GA-BTX (PART 3 OF 7) electronically filed by Carys Cochern on behalf of Kingery, Jeanne W Ms.