

# Central Corridor Pipeline Extension Project



April 2018

## INTRODUCTION

Duke Energy has proposed a new natural gas pipeline to serve its southwest Ohio natural gas distribution system. This project is part of a large-scale plan to improve, protect and expand our system to continue reliable delivery of natural gas to our customers.

The new pipeline will:

- Serve the Duke Energy gas distribution system and supply natural gas solely to local customers,
- Enhance reliability and flexibility of gas supply,
- Replace and modernize aging infrastructure,
- Reduce dependence on propane peaking facilities and Kentucky transmission lines.

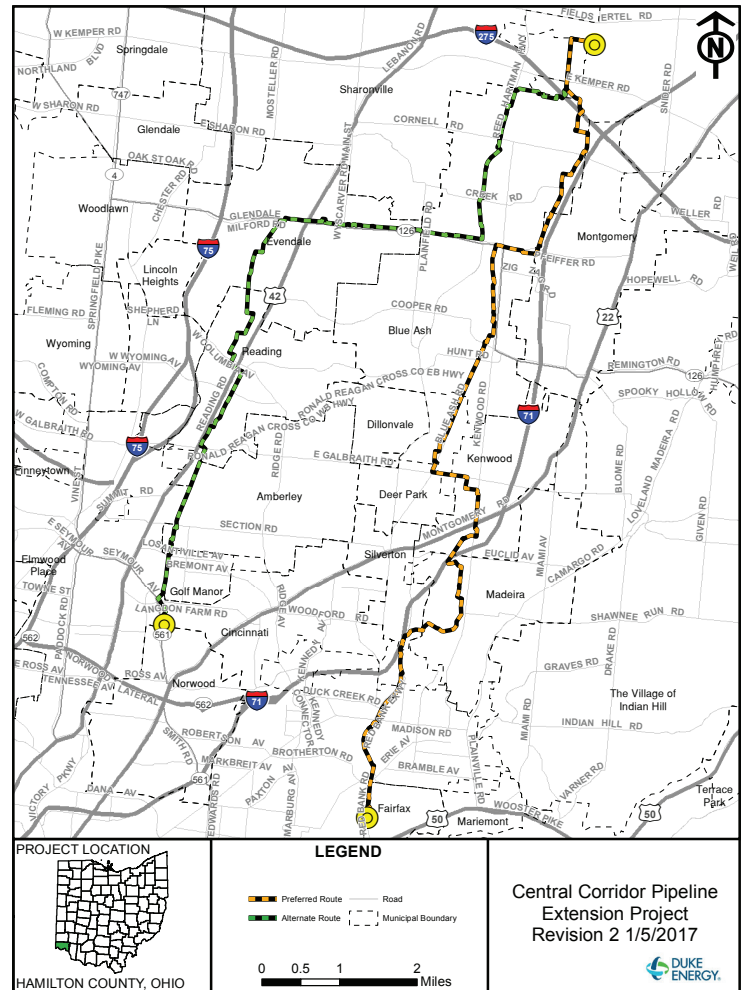
## PIPELINE AND ROUTE DETAILS

Two potential routes are under consideration, as shown in the map to the right. The Preferred Route (Eastern) is shown in orange, and the Alternate Route (Western) is shown in green. The proposed natural gas pipeline will be located in Hamilton County and will connect to existing natural gas lines to the north and south. It will begin just south of the boundaries of Hamilton, Butler and Warren counties and end in either Fairfax (Eastern Route) or Norwood (Western Route).

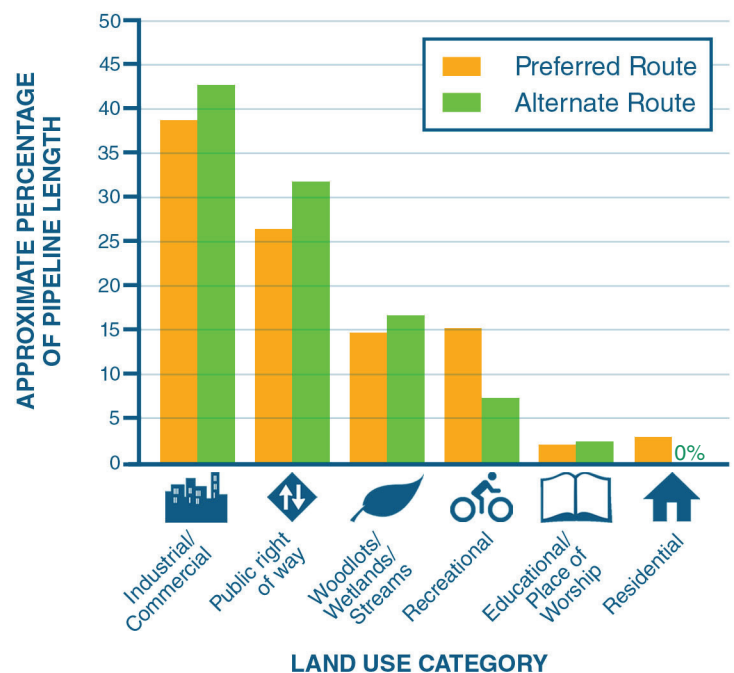
The pipeline will be:

- 20-inch diameter,
- About 400 psi operating pressure,
- About 14 miles in length, and
- A minimum of 4 feet deep, with many areas deeper when directional drilling techniques are used.

Duke Energy will strive to complete the project with the least overall impact as possible to the community. With this in mind, the selected routes limit the number of residential properties directly affected by the pipeline. In fact, there are no residential properties crossed along the Alternate Route. See the graph to the right.



## LAND USE DISTRIBUTIONS ALONG PIPELINE ROUTE



## built to be SAFE AND SECURE

Safety, security and environmental stewardship are core values at Duke Energy. Our company has been operating natural gas pipeline systems safely for more than 175 years. This dedication to safe system operation is why the new pipeline will be:

### FULLY COMPLIANT

with state and federal regulations,

### CONSTRUCTED

of thick-walled steel pipe,

### COATED WITH

anti-corrosion fusion bonded epoxy,

### INSTALLED

with cathodic protection  
for additional corrosion prevention,

### RIGOROUSLY TESTED

using the most advanced technologies  
available,

### INSPECTED REGULARLY

using multiple inspection methods,  
and

### EQUIPPED

with remote control  
shut-off valves.

In addition to these pipeline safety features, Duke Energy will coordinate with local fire departments and government officials along the pipeline route to adequately engage them and develop planning scenarios.

## PROJECT TIMELINE

While this project has been part of Duke Energy's long-term plan for more than 15 years, the timing and project details were developed through a comprehensive study completed in 2015. Preliminary routes were selected in early 2016. In August 2017, Duke Energy requested a delay in OPSB's procedural schedule to allow more time to conduct additional environmental investigations along the alternate route. In April 2018, Duke restarted its amended application with the OPSB.

### Project Milestones Completed

- February 2016: Met with community leaders along routes.
- March and June 2016: Held three public open houses.
- July 2016: Met with Hamilton County leadership in public meeting.
- September 2016: Submitted OPSB application.
- January 2017: Held fourth public open house.
- Winter/Spring 2017: Continued design and surveying/soil borings. OPSB resumed review of Duke Energy's application.
- June 2017: OPSB held public hearing at UC Blue Ash.

### Anticipated Future Milestones

- Summer 2018: OPSB reschedules Adjudicatory Hearing.
- Summer/Fall 2018: OPSB issues permit to construct the pipeline.
- Summer/Fall 2018: Duke Energy begins easement negotiations.
- Spring/Summer 2019: Start construction.
- Summer/Fall 2020: Complete construction.
- Fall/Winter 2020: Complete restoration.

*Construction may span 14-16 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.*

## NATURAL GAS PIPELINE FACTS

According to the Pipeline and Hazardous Materials Safety Administration/U.S. Department of Transportation:

- Pipelines are the safest, most environmentally friendly, and most efficient and reliable mode of transporting natural gas.
- Natural gas pipelines also make the most economic sense. It would take nearly 750 tanker trucks constantly shipping out every two minutes, around the clock, to transport the equivalent of a small to medium diameter pipeline.
- Natural gas supplies 25% of the energy Americans consume.

For more information about the Central Corridor Pipeline Extension Project,  
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