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Jeanne W. Kingery
Associate General Counsel

March 3, 2017

Ohio Power Siting Board
Barcy McNeal
Docketing Division
180 East Broad Street
Columbus, Ohio 43215

Re: Case No. 16-0253-GA-BTX

Dear Ms. McNeal:

Please find enclosed some replacement pages to be inserted into the Amended Application that was filed on January 20, 2017. These pages provide supplemental information but do not otherwise alter the substance of the application.

Feel free to contact me if you have any questions.

A handwritten signature in black ink, appearing to read "Jeanne W. Kingery", written in a cursive style.

Jeanne W. Kingery
Associate General Counsel

Cc: William L. Wright
Robert Eubanks
Patrick Donlon
Robert Holderbaum
Service List



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The docketing division's e-filing system will electronically serve notice of the filing of this document on the following parties:

jyskamp@fairshake-els.org and ecollins@fairshake-els.org on behalf of NOPE – Neighbors
Opposed to Pipeline Extension, LLC
bfox@graydon.law on behalf of City of Madeira

TABLE 7-4

Acreage and Percent of Land Uses Crossed by Route Alternatives

Land Use	Preferred Route				Alternate Route			
	CWA ^a Acres	CWA Percent	ROW Acres	ROW Percent	CWA Acres	CWA Percent	ROW Acres	ROW Percent
Delineated Pond	<u>0</u>	<u>0%</u>	<u>0</u>	<u>0%</u>	<u>0.2</u>	<u>0.1%</u>	<u>0</u>	<u>0%</u>
Delineated Stream	<u>0.8</u>	<u>0.6%</u>	<u>0.1</u>	<u>0.3%</u>	<u>0.5</u>	<u>0.4%</u>	<u>0.2</u>	<u>0.4%</u>
Delineated Wetland	<u>1.6</u>	<u>1.2%</u>	<u>0.2</u>	<u>0.5%</u>	<u>1.4</u>	<u>1.1%</u>	<u>0.3</u>	<u>0.6%</u>
Educational	<u>2.8</u>	<u>2.0%</u>	<u>1.0</u>	<u>2.3%</u>	<u>2.4</u>	<u>1.9%</u>	<u>0.9</u>	<u>2.0%</u>
Industrial/Commercial	<u>47.8</u>	<u>35.1%</u>	<u>19.5</u>	<u>43.5%</u>	<u>48.3</u>	<u>38.3%</u>	<u>19.6</u>	<u>41.5%</u>
Institutional	<u>0.5</u>	<u>0.3%</u>	<u>0.1</u>	<u>0.3%</u>	<u>0.7</u>	<u>0.6%</u>	<u>0.1</u>	<u>0.3%</u>
Parks and Recreation	<u>18.8</u>	<u>13.8%</u>	<u>7.3</u>	<u>16.4%</u>	<u>6.9</u>	<u>5.5%</u>	<u>2.9</u>	<u>6.2%</u>
Pavement ^b	<u>35.5</u>	<u>26.1%</u>	<u>7.3</u>	<u>16.4%</u>	<u>35.4</u>	<u>28.1%</u>	<u>12.5</u>	<u>26.6%</u>
Residential	<u>7.8</u>	<u>5.6%</u>	<u>1.7</u>	<u>3.8%</u>	<u>7.5</u>	<u>5.9%</u>	<u>2.5</u>	<u>5.4%</u>
Undefined	<u>0.3</u>	<u>0.2%</u>	<u>0.2</u>	<u>0.5%</u>	<u>2.0</u>	<u>1.6%</u>	<u>0.4</u>	<u>0.8%</u>
Woodlots	<u>20.6</u>	<u>15.1%</u>	<u>7.2</u>	<u>16.0%</u>	<u>20.8</u>	<u>16.5%</u>	<u>7.7</u>	<u>16.2%</u>
Total	<u>136.2</u>	<u>100%</u>	<u>44.6</u>	<u>100%</u>	<u>126.1</u>	<u>100%</u>	<u>47.1</u>	<u>100%</u>

^a CWA = construction work area (80-foot wide construction area corridor)

^b Pavement represents road ROW

TABLE 7-5
Number of Land Use Features Near the Route Alternatives

	Route Alternatives	
	Preferred	Alternate
Length (in miles)	13.4 <u>14.0</u>	13.0
Features within 100 feet of Route Alternatives (centerline)		
Historic Structures (Ohio Historic Structures)	23 <u>31</u>	N/A <u>0</u> <u>4</u>
National Register of Historic Places	N/A <u>0</u>	N/A <u>0</u>
Previously Identified Archaeological Sites	0	0
Residences	157 <u>110</u>	198 <u>166</u>
Other Sensitive Land Uses*	6 <u>5</u>	4 <u>10</u>
Features within 1,000 feet of Route Alternatives (centerline)		
Historic Structures (Ohio Historic Structures)	42 <u>230</u>	12 <u>115</u>
National Register of Historic Places	N/A <u>0</u>	1 <u>0</u>
Previously Identified Archaeological Sites	0	5
Residences	3,749 <u>3,149</u>	2,625 <u>2,170</u>
Other Sensitive Land Uses*	44 <u>45</u>	34 <u>38</u>
Structures within 200 feet of the Edge of Preliminary Permanent ROW (preliminary ROW is 30-foot wide)	633 <u>641</u>	694 <u>655</u>

* Other sensitive land uses include airports, parks/recreation areas, state forests, schools, hospitals, churches, and cemeteries.

Because the Project consists primarily of a buried pipeline, land uses within the CWA and ROW will generally remain unchanged. Most land use impacts are temporary and consist of surface disturbance during construction. Some permanent land use impacts will occur in selected areas because of vegetation clearing within the ROW and conversion of wooded or shrub habitat to herbaceous ground cover. However, in most cases property owners may continue to utilize most of the ROW area for general uses that will not affect the safe and reliable operation of the pipeline.

(a) Residential

Preferred Route: The Preferred Route centerline is located within 1,000 feet of ~~3,749~~ 3,150 residences and within 100 feet of ~~157~~ 110 residences. As shown in Table 7-4, residential areas

expected to be short-term construction impacts to local residents and businesses because of the highly developed nature of the Project area.

In the 2012 document, *Plan Cincinnati: A Comprehensive Plan for the Future (Plan Cincinnati)*, utilities and infrastructure are cited as one of the 12 basic building-blocks of Cincinnati's future. Three initiatives to "Connect", "Sustain", and "Collaborate" are specifically called-out in Plan Cincinnati as they pertain to utilities and infrastructure. Under the "Sustain" initiative, Plan Cincinnati's stated goal is to "Steward resources and ensure long-term vitality" (City of Cincinnati, 2012). This goal is consistent with the Project objective to design and construct the pipeline in a way that minimizes impacts to resources and provides sustainable natural gas infrastructure for southwest Ohio, including Cincinnati, into the future.

The 2004 Hamilton County *2030 Plan and Implementation Framework* identified strategies for implementing major initiatives recommended to achieve a shared vision for the county. Under Initiative 30 (Coordinated Planning and Infrastructure), Strategy 30.1 states: "Work with local jurisdictions and support efforts to coordinate infrastructure projects such as sewers, road paving, bridge replacement, and utility improvements." As described in the "2030 Plan and Implementation Framework, Strategy 30.1" addresses the two goals of building collaborative decision-making and balancing development and the environment. (Hamilton County, 2004)

(2) Compatibility of Proposed Facility with Current Regional Land Use Plans

Utility projects generally do not significantly impact land use plans. The Project area is highly developed and generally built out. The Project will not change land uses or prevent development of areas within the Project area. In fact, the continued reliable natural gas supply provided as part of the Project will benefit the existing and future customers in the area.

Town and city land use planning documents were reviewed when analyzing the potential impacts of the route alternatives. The majority of land use documents available were zoning regulations. As shown in Tables 7-3 and 7-4, the majority of both the Preferred and Alternative Routes is proposed within industrial or commercial areas. In general, the route alternatives were designed to avoid sensitive areas and maintain consistency with applicable land use plans and zoning regulations. For example, within the City of Blue Ash, Duke Energy Ohio has sited portions of the Alternate Route along Reed Hartman Highway, an area identified in the *City of*

Blue Ash Comprehensive Plan as an "Urban Design Corridor" where commercial, office, and light industrial uses are appropriate (City of Blue Ash, 2003). Buildings located in the Reed Hartman Highway Urban Design Corridor require a minimum front setback of 50 feet, which provides a wide undeveloped area that may be utilized for siting of a pipeline. By siting portions of the Alternate Route along the Reed Hartman Highway Urban Design Corridor, dense residential areas and other sensitive land uses are avoided to the extent possible.

(E) CULTURAL AND ARCHAEOLOGICAL RESOURCES

CH2M, as an agent of Duke Energy Ohio, conducted a literature review of known cultural resources, which included data from the Ohio State Historic Preservation Office (OHPO)'s online mapping system. The OHPO's February 2017 Recent updates to the OHPO update of the online mapping system, after CH2M pulled data in June and August 2016, resulted in the addition of a number of known cultural resources being located within the Project vicinity. As a result, CH2M has updated the cultural resources data contained in this section of the Application.

(1) Cultural Resources Map

Within Section 4906-5-05 of this Application, Figure 5-1 consists of a map of 1:24,000 scale which illustrates, among other features, the previously recorded cultural resources sites locations (historic districts, cemeteries, National Register of Historic Places (NRHP) properties, and NRHP-eligible sites) within 1,000 feet of the proposed centerlines of both the Preferred and Alternate Routes. Based on the cultural resources desktop study, there are no scenic rivers or scenic routes/byways (as defined by the Ohio Department of Natural Resources [ODNR] and/or the ODOT) within 1,000 feet of the proposed routes}. There is one NRHP-listed district and one Determination of Eligibility (DOE) structure-resource (based on OHPO files) within 1,000 feet of the Alternate Route. The NRHP district, the Cincinnati Street Gas Lamps, contains 1,109 street lamps at various locations throughout Cincinnati. Near the Alternate Route, portions of this NRHP district occur approximately 600 to 700 feet west of the alignment, in Roselawn. ~~One~~ The DOE structure-resource, Golf Manor, is located 530 feet east of the Alternate Route, along Wiehe Road.

The proposed permanent ROWs of the Preferred Route and Alternate Route cross ~~4.29~~ 7.34 acres and ~~2.13~~ 2.92 acres of recreational areas (parks, golf courses, etc.), respectively. Construction in these areas will be planned to occur outside of the seasonal use windows. These recreational

areas will also be fully restored once construction is complete, so that long-term use of these areas is unaffected by the Project.

Although not listed in the NRHP, it is important to note that three cemeteries are located within 1,000 feet of the Preferred Route, and two cemeteries are located within 1,000 feet of the Alternate Route.

(2) Cultural Resources in Study Corridor

Cultural resources investigations to date have involved background research utilizing data files from the OHPO online mapping system for both the Preferred and Alternate Routes. This data was used to construct consultation letters to the OHPO.

For the background research, a ~~one~~1-mile buffer was initially used around both the Preferred and Alternate Routes to identify these previously known cultural resources and to provide information on the probability of identifying cultural resources within the Project footprint. This was later refined to a 1,000-foot buffer on either side of the centerlines of the Preferred and Alternate Routes. The OHPO online mapping database, accessed on February 27, 2017, included a review of the ~~Ohio Archaeological Inventory (OAI)~~, the ~~Ohio Historic Inventory (OHI)~~, DOE files, NRHP properties, historic cemeteries, historic bridges, National Historic Landmarks (NHL), and previous cultural resources surveys.

~~For~~Within 1,000 feet of the Preferred Route, there were ~~20~~no OAI sites, 230 OHI resources, ~~four~~no DOE files, ~~five~~no NRHP properties, three cemeteries, ~~four~~no historic districts, and ~~one~~no NHLs. Of these, ~~89~~87 resources are in close proximity (within 250 feet) to the Preferred Route (see Figures 7-1A through 7-1F). Appendix 7-2 contains a table listing the previously identified resources within 250 feet of the Preferred Route centerline.

CH2M closely examined the mapped locations of resources' within 250 feet of the Preferred Route ~~mapped locations~~ against modern street photography and discovered the following anomalies, although additional anomalies may be identified during a more detailed the architectural and historical resources field survey (site visits) of all of the OHI resources):

- The EB Thompson House (OHI #HAM0501550) at 11802 Conrey Road in Sharonville is no longer standing. Modern office buildings now stand at this location.

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- The Sara Keeler House (OHI #HAM0412050) at 7360 East Kemper Road in Sycamore Township dates from 1875 according to OHI information; however, the house that currently stands at this location dates from the late 20th century.
- The Melanera Swallow House (OHI #HAM0413350) at 11560 Deerfield Road in Sycamore Township has been demolished. The modern Sycamore Township Fire Station stands in its place.
- OHI #HAM0675050, at 10351 Kenwood Road in Blue Ash, has been demolished and replaced by a modern restaurant.
- OHI #HAM0285050, at 4824 Prospect Avenue in Blue Ash, is ~~listed~~ recorded as dating from 1915. There are several buildings in this area that could be on the lot described. Of the buildings that may be 50 years or older, all are heavily altered by modern changes. The remaining is a modern building the houses a chiropractic office.
- OHI #HAM0284450, at 9654 Kenwood Road in Blue Ash, is ~~listed~~ documented as a residence dating from 1905. A modern commercial building currently stands at this location.
- The Ferris House (OHI #HAM0282750), at 4710 Cooper Road in Blue Ash, has been demolished. It is now an empty lot.
- OHI #HAM0673350, at 9511 Railroad Avenue in Blue Ash, is ~~listed~~ recorded as dating from circa 1890. The house at this location dates from circa 1940.
- OHI #HAM0672950, at 9493 Railroad Avenue in Blue Ash, is ~~listed~~ recorded as dating from circa 1910. The house at this location appears to date from circa 1960s.
- The Stephenson House (OHI # HAM0283850), at 4654 Hunt Road in Blue Ash, dates from 1900, according to OHI data. The house at this location dates from circa 1960s.
- The residence at 8661 Lancaster Avenue in Sycamore Township has two associated OHI numbers, OHI #HAM0414850, and OHI #HAM0688150. Data is generally consistent between the two records.

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- OHI #HAM0416250, at 8604 Blue Ash Road in Rossmoyne, is ~~listed~~ documented as a single dwelling dating from 1915. Currently, a modern commercial building stands at this location.
- OHI #HAM0414750, at 4458 Sycamore Avenue in Rossmoyne, is described as a 1910 dwelling based on OHI data. The building that stands at this location is a possible circa-1930s garage.
- The David Buxton House (OHI #HAM0415950), at 8463 Vorhees Lane in Rossmoyne, is recorded~~listed~~ as dating from 1840. The oldest building on street photography in the vicinity of this location appears to date from circa 1890.
- Happy Hearts Day Care (OHI #HAM0686350), located at 4323 Kugler Mill Road in Sycamore Township, is ~~listed~~ recorded as dating from circa 1993. This should not be an OHI resource.
- OHI #HAM0419050, at 4600 Galbraith Road in Rossmoyne, is ~~listed~~ described as a single dwelling dating from 1900. A modern senior living facility currently stands at this location.
- The Caroline Seelmeyer House (OHI #HAM0637250), located at 7769 Kenwood Road in Sycamore Township, is ~~listed as a~~ dwelling and barn dating from 1845. Currently, a modern shopping plaza stands at this location.
- The Usual Ward Methodist Churchyard (OGSID #4583) along Red Bank Road is now a modern development.
- Dedrick Farm Cemetery (OGSID #15385), just south of Usual Ward Methodist Churchyard, is a modern industrial facility.
- ~~The Thomas Stewart House (OHI # HAM0412250) at 7387 East Kemper Road in Sycamore Township is no longer extant, having been replaced by a modern professional services complex.~~
- ~~The Thomas Stewart Store (OHI # HAM0412550) at 7475 East Kemper Road in Sycamore Township has been demolished. It is now an empty lot.~~
- ~~The Stephenson House (OHI # HAM0283850) at 4654 Hunt Road in Blue Ash dates from 1900, according to OHI data. The house at this location dates from circa 1960s.~~

- ~~OHI # HAM0414750 at 4458 Sycamore Avenue in Rossmoyne is described as a 1910 dwelling based on OHI data. The building that stands at this location is a possible circa 1930s garage.~~
- ~~The William Morrison House (OHI # HAM0398457) at 5573 Red Bank Road in Columbia Township has been demolished. It is currently an empty lot.~~

The review of modern street photography indicates that ~~the closest~~ a number of known cultural resources appear to have been destroyed and/or replaced by modern development. As a result, no extant known cultural resources were identified within the Project footprint of the Preferred Route.

~~For~~ Within 1,000 feet of the Alternate Route, within 1 mile, there were ~~13~~ five OAI sites, ~~431~~ 115 OHI resources, ~~15~~ one DOE files, ~~4~~ one NRHP properties, ~~10~~ two cemeteries, and ~~2~~ one historic districts. While none of the aforementioned cultural resources was within the Project footprint, ~~two~~ seven OHI structures/resources are near (within ~~200-250~~ feet) the Alternate Route. (see Figures 7-1A through 7-1F). Appendix 7-2 contains a table listing the previously identified resources within 250 feet of the Alternate Route centerline. ~~HAM0522550 is a Vernacular style residence with a date of circa 1860. It is located along Market Street, and still appears to be extant. HAM0525050 (the Nevison-Weiskopf Company) is recorded as a Mill/Processing/Manufacturing Facility circa 1906. Its location on aerial mapping is just west of Third Street, in an empty field, implying that it is no longer extant. However, the OHI form lists the address for this facility as Reading Road, which is farther to the west, farther away from the Alternate Route, so it is possible that this resource is mapped incorrectly in the OHPO database.~~

CH2M closely examined the mapped locations of resources within 250 feet of the Alternate Route against modern street photography and discovered the following anomalies:

- The EB Thompson House (OHI #HAM0501550), at 11802 Conrey Road in Sharonville, is no longer standing. Modern office buildings now stand at this location.
- The Sara Keeler House (OHI #HAM0412050), at 7360 East Kemper Road in Sycamore Township, dates from 1875 according to OHI information; however, the house that currently stands at this location dates from the late 20th century.

ADDENDUM TO OPSB APPLICATION (03/02/17) OPSB CASE NO. 16-0253-GA-BTX

- OHI #HAM0521150, at 24 West Pleasant Street in Reading, is listed as a house that dates from 1850. The current house at this location is heavily altered and may date from circa 1900.
- The Old School Presbyterian Church (OHI #HAM0521450), located at 26 West Columbia Avenue in Reading, is listed recorded as a church that dates from 1843. This location is occupied by a circa-1960 house.
- Our Lady of the Sacred Heart (listed documented as both OHI #HAM0521550 and OHI #HAM0521650), located at 15 West Columbia Avenue in Reading, has construction dates of 1907 and 1955-listed. This lot is currently occupied by a modern commercial building.
- The Nevison-Weiskopf Company (OHI #HAM0525050), located at 8740 Reading Road in Reading, has been demolished. The site is now an empty lot.
- The Emerald Lumber Company (OHI #HAM0465850), located at 2100 Losantiville Avenue in Golf Manor, has been demolished. The site is now an empty lot.

Based on the background research, no known cultural resources were identified within the Project footprint of the Alternate Route.

A Project summary and consultation document were submitted to the cover letter and an OHPO Section 106 Review — Project Summary Form will be submitted by late in on September 23, 2016 to the OHPO requesting preliminary comments on additional cultural resources work for the Project. This initial consultation will included pProject information, along with maps of the Preferred and Alternate Routes, and a summary of the known cultural resources within 1 one mile of the routes. The OHPO responded by letter dated October 19, 2016, recommending that a cultural resources survey be conducted within the area of potential effect (APE) for the Project. Subsequent to December 2016 alignment revisions, a revised Project summary and consultation document was submitted to the OHPO, on February 23, 2017. This document contained updated information on previously identified cultural resources and cultural resources surveys, as well as a proposed scope of work for cultural resources investigations for the Project. To date, the OHPO has not responded to this revised consultation document. Given the recent updates to the OHPO online mapping system, CH2M will send a supplemental letter to the OHPO summarizing the additional cultural resources within 250 feet of the Preferred Alignment. Any additional cultural

resource work as required by the OHPO will only be conducted on the approved route, either the Preferred or Alternate Route.

(3) Construction, Operation, and Maintenance Impacts on Cultural Resources

Based on the results of the background research, impacts to known cultural resources associated with the construction, operation and maintenance of the proposed Project are not anticipated. The applicant will consult with the OHPO to determine the need for additional studies, if any.

(4) Mitigation Procedures

Based on the results of the background research, no impacts to historic properties are anticipated as a result of the Project; therefore, no mitigation is proposed.

(5) Aesthetic Impact

(a) Visibility of the Proposed Facility

The Project is a buried pipeline, so visibility will be limited to the cleared ROW and pipeline markers. In the urban portions of the Project area, once installed, the pipeline will not be otherwise visible with the exception of the occasional pipeline marker. The valve stations and regulating stations will be visible including a security fence surrounding each facility.

(b) Facility Effect on Site and Surrounding Area

The construction of the Project will be visible, as the trenching, welding, and installation activities are out of the ordinary for many areas. Trees and woody vegetation will be removed where they occur within the permanent ROW (a planned width of 30 feet). The degree of visual impact will vary with the viewer and is largely dependent on the degree of natural and built environment existing before construction, and the general existing and final landscape. Once construction is complete, the trench will be backfilled and seeded, or recovered with concrete/asphalt (as appropriate based on pre-construction conditions).

(c) Visual Impact Minimization

Duke Energy Ohio does not anticipate significant long-term visual impacts from the proposed Project. The ROW will be restored and re-seeded using accepted pipeline industry standards and as required by property owners. Once vegetation is re-established in natural areas, and asphalt/concrete is restored in built areas, the pipeline corridor will blend in with its surroundings

to varying extents. Marker poles are required to identify the line location, which would otherwise be largely undetectable.

(F) REFERENCES

City of Blue Ash. 2003. City of Blue Ash Comprehensive Plan. Accessed May 2, 2016.

http://www.blueash.com/document_center/2003_Comprehensive_Plan.pdf.

City of Cincinnati. 2012. *Plan Cincinnati: A Comprehensive Plan for the Future*. Accessed May 2, 2016. <http://www.cincinnati-oh.gov/planning/plan-cincinnati/>.

Hamilton County. 2004. *2030 Plan and Implementation Framework*. Accessed May 2, 2016.

<http://www.hamiltoncountyohio.gov/pd/planning/pdf/compass/17es.pdf>.

APPENDIX 7-2

Previously Identified Cultural Resources within 250 Feet of the Preferred Route and Alternate Routes

Table 7-2A. Previously Identified Cultural Resources within 250 Feet of the Preferred Route

Resource Number	Resource Name	Address	Date
HAM0501550	EB Thompson House	11802 Conrey Rd. Sharonville	1860
HAM0412050	Sara Keeler House	7360 E Kemper Rd. Sycamore Township	1875
HAM0413350	Melanera Swallow House	11560 Deerfield Rd. Sycamore Township	1900
HAM0386750	Bizzarri House	6070 Kenridge Dr. Blue Ash	1960
HAM0675050		10351 Kenwood Rd. Blue Ash	c.1920
HAM0284450		9654 Kenwood Rd. Blue Ash	1905
HAM0673450		4660 Cooper Rd. Blue Ash	c.1930
HAM0282750	Ferris House, Hosbrook House	4710 Cooper Rd. Blue Ash	1885
HAM0673650	Precise Printing Center	4677 Cooper Rd. Blue Ash	c.1900
HAM0673550	Crossroads Christian Books, Doug Herty CPA	4675 Cooper Rd. Blue Ash	c.1900
HAM0673350		9511 Railroad Ave. Blue Ash	c.1890
HAM0673250		9507 Railroad Ave. Blue Ash	c.1890
HAM0673150		9503 Railroad Ave. Blue Ash	c.1936
HAM0673050		9499 Railroad Ave. Blue Ash	c.1920
HAM0672950		9493 Railroad Ave. Blue Ash	c.1910
HAM0285150		9493 Railroad Ave. Blue Ash	1916
HAM0672850		9491 Railroad Ave. Blue Ash	c.1910
HAM0283850	Stephenson House	4654 Hunt Rd. Blue Ash	1900
HAM0672750		9414 Blue Ash Rd. Blue Ash	c.1930
HAM0672650	Peter Gregory Florists, D&J Transmissions	9201 Floral Ave. Blue Ash	c.1940
HAM0691650	Johnny Knuckles Blue Bell Tavern	9012 Blue Ash Rd. Blue Ash	c.1940
HAM0683550		8920 Blue Ash Rd. Sycamore Township	c.1930
HAM0691150		8948 Blue Ash Rd. Sycamore Township	c.1945
HAM0691050		8946 Blue Ash Rd. Sycamore Township	c.1945
HAM0690950		8908 Blue Ash Rd. Sycamore Township	c.1950
HAM0690850		8912 Blue Ash Rd. Sycamore Township	c.1930
HAM0690750		8910 Blue Ash Rd. Sycamore Township	c.1950
HAM0690650		8908 Blue Ash Rd. Sycamore Township	c.1925
HAM0690550		8906 Blue Ash Rd. Sycamore Township	c.1925
HAM0690450		8904 Blue Ash Rd. Sycamore Township	c.1925
HAM0690350		8902 Blue Ash Rd. Sycamore Township	c.1930
HAM0690050		8816 Blue Ash Rd. Sycamore Township	c.1900
HAM0689950		8814 Blue Ash Rd. Sycamore Township	c.1940

Table 7-2A. Previously Identified Cultural Resources within 250 Feet of the Preferred Route

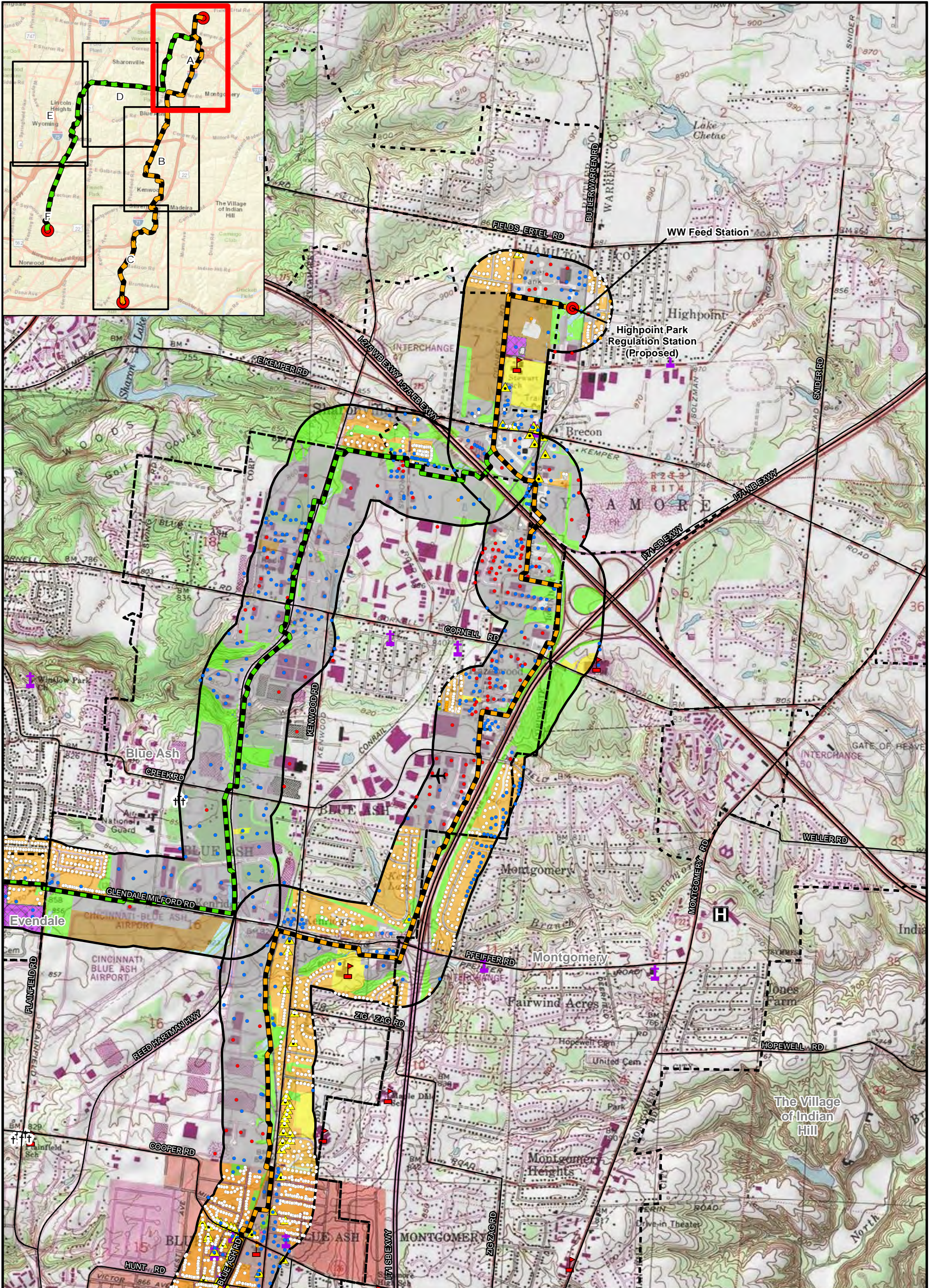
Resource Number	Resource Name	Address	Date
HAM0689850		8812 Blue Ash Rd. Sycamore Township	c.1930
HAM0689750		8810 Blue Ash Rd. Sycamore Township	c.1930
HAM0689650		8808 Blue Ash Rd. Sycamore Township	c.1930
HAM0689550		8806 Blue Ash Rd. Sycamore Township	c.1930
HAM0689450		8804 Blue Ash Rd. Sycamore Township	c.1930
HAM0689350		8802 Blue Ash Rd. Sycamore Township	c.1930
HAM0688650		8801 Lancaster Ave. Sycamore Township	c.1900
HAM0689250		8714 Blue Ash Rd. Sycamore Township	c.1920
HAM0689150		8712 Blue Ash Rd. Sycamore Township	c.1920
HAM0689050		8710 Blue Ash Rd. Sycamore Township	c.1920
HAM0688950		8708 Blue Ash Rd. Sycamore Township	c.1920
HAM0688450		8709 Lancaster Ave. Sycamore Township	c.1934
HAM0688350		8707 Lancaster Ave. Sycamore Township	c.1940
HAM0688850		8706 Blue Ash Rd. Sycamore Township	c.1920
HAM0688250	Bethlehem United Baptist	8703 Lancaster Ave. Sycamore Township	c.1950
HAM0688750		8700 Blue Ash Rd. Sycamore Township	c.1910
HAM0688150		8661 Lancaster Ave. Sycamore Township	c.1900
HAM0687750		8616 Blue Ash Rd. Sycamore Township	c.1920
HAM0414850		8661 Lancaster Ave. Rossmoyne	1900
HAM0687650		8614 Blue Ash Rd. Sycamore Township	c.1920
HAM0688050		8655 Lancaster Ave. Sycamore Township	c.1920
HAM0687550		8612 Blue Ash Rd. Sycamore Township	c.1915
HAM0687950		8653 Lancaster Ave. Sycamore Township	c.1945
HAM0687850		8651 Lancaster Ave. Sycamore Township	c.1950
HAM0416050		8608 Blue Ash Rd. Rossmoyne	1920
HAM0416150		8606 Blue Ash Rd. Rossmoyne	1915
HAM0416250		8604 Blue Ash Rd. Rossmoyne	1915
HAM0414750		4458 Sycamore Ave. Rossmoyne	1910
HAM0686750	Energy Alliances Inc., Schaffeld Woodworking, etc.	8469 Blue Ash Rd. Sycamore Township	c.1945
HAM0415850	Eliza Ferris House	8467 Voorhees Ln. Rossmoyne	1900
HAM0686650		8465 Voorhees Ln. Sycamore Township	c.1920
HAM0686550		8463 Voorhees Ln. Sycamore Township	c.1890
HAM0415950	David Buxton House	8463 Voorhees Ln. Rossmoyne	1840

Table 7-2A. Previously Identified Cultural Resources within 250 Feet of the Preferred Route

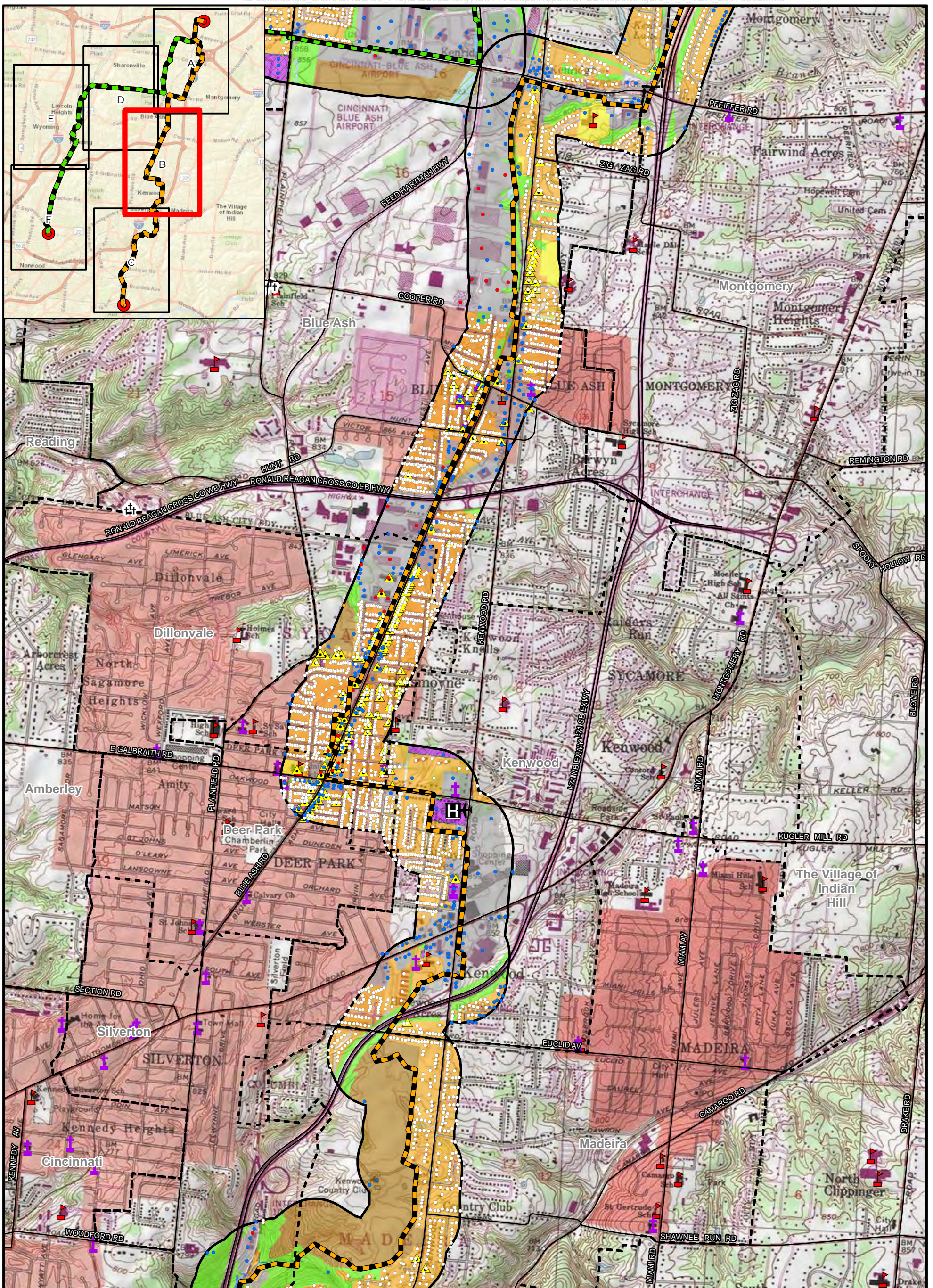
Resource Number	Resource Name	Address	Date
HAM0686450	Johnson Property	4328 Kugler Mill Rd. Sycamore Township	c.1955
HAM0686850	Railyard Café, Emerald Rock & Gift Shop, Universal	8450-8454 Blue Ash Rd. Sycamore Township	c.1920
HAM0686350	Happy Hearts Day Care	4323 Kugler Mill Rd. Sycamore Township	c.1993
HAM0686250	Paragon Metal Fabricators	4317 Kugler Mill Rd. Sycamore Township	
HAM0686150	Max & Sons General Machine Work Inc.	8401 Blue Ash Rd. Sycamore Township	
HAM0685850	Champion Cleaning Specialists	8391 Blue Ash Rd. Sycamore Township	
HAM0685750	Owens Precision Grinding, Spitzmueller Property	8383 Blue Ash Rd. Sycamore Township	c.1955
HAM0685250	Kurtz Property, Heger Oil Company	4320 Myrtle Ave. Sycamore Township	c.1948
HAM0685450		8356 Blue Ash Rd. Sycamore Township	c.1930
HAM0685350		8352 Blue Ash Rd. Sycamore Township	c.1920
HAM0685150	Sign Studio	4315 Myrtle Ave. Deer Park	1958
HAM0685050	Bill's Kenwood Pool & Hot Tubs	8211 Blue Ash Rd. Deer Park	c.1940
HAM0691550		8208 Blue Ash Rd. Deer Park	c.1920
HAM0691250	Knights of Columbus Bishop Fenwick Council Hall	4421 Linden Ave. Deer Park	c.1970
HAM0691450	Armstrong Stationery Co	8206 Blue Ash Rd. Deer Park	c.1920
HAM0691350	Blue Ash Tree Service	8204 Blue Ash Rd. Deer Park	c.1950
HAM0459650	NAA, Colvin's Corner	4298 E Galbraith Rd. Deer Park	1940
HAM0654250	Herb's Machine Shop & Auto Repair	4347 E Galbraith Rd. Deer Park	c.1930
HAM0419050		4600 Galbraith Rd. Rossmoyne	1900
HAM0398657	Laura Reeder House	5633 Stewart Rd. Plainville	1910
OGS4583	Usual Ward Methodist Churchyard	Red Bank Rd. Cincinnati	n.d.

Table 7-2B. Previously Identified Cultural Resources within 250 Feet of the Alternate Route

Resource Number	Resource Name	Address	Date
HAM0501550	EB Thompson House	11802 Conrey Rd. Sharonville	1860
HAM0412050	Sara Keeler House	7360 E Kemper Rd. Sycamore Township	1875
HAM0521150		24 W Pleasant St. Reading	1850
HAM0521450	Redwine Realtor, Old School Presbyterian Church	26 W Columbia Ave. Reading	1843
HAM0521550	Our Lady of the Sacred Heart	SEC Columbia Ave & Market St. Reading	1955
HAM0522550		1411 Market St. Reading	1860
HAM0521650	Our Lady of the Sacred Heart	15 W Columbia Ave. Reading	1907
HAM0527950	Joseph Singer Tailor Shop	1324 Market St. Reading	1880
HAM0604450	Eddie's Café	9184 Reading Rd. Reading	1860
HAM0529150	Douglas Sterman Co	205 E Benson St. Reading	1920
HAM0525050	Nevison-Weiskopf Co	8740 Reading Rd. Reading	1906
HAM0465850	Emerald Lumber Company, Village Flea Market	2100 Losantiville Ave. Golf Manor	1920
HA0379	Unknown Prehistoric Site	Restricted	n.d.



LEGEND:		BASE MAP SOURCE: USGS 7.5-minute Topographic Quadrangle Cincinnati East 1982, Glendale 1982 Madeira 1983, Mason 1982				C314V Central Corridor Pipeline Extension Project	
Stations (Existing and Proposed)	Airports/Helipads	Structures	Education			FIGURE 7-1A LAND USE MAP	
Cemeteries	Road	Commercial	Institutional	PN: 672247			
Church	Preferred Route	Residential	Mixed Use	CREATED BY: TH			
Hospitals	Alternate Route	Civic Building	Parks and recreation	REVIEWED BY: MF			
Schools	1,000 Foot Buffer Around Preferred and Alternate Route	Industrial	Residential				
Historic Structures	Municipal Boundary	Landuse	Undefined				
	Station	Delineated Stream	Woodlots				
		Delineated Wetland					
		Delineated Pond					



LEGEND:

- Legend:**

 - Stations (Existing and Proposed):** Red circle with a black dot.
 - Airports/Helipads:** Black airplane icon.
 - Road:** Solid black line.
 - Preferred Route:** Black line with yellow and black segments.
 - Alternate Route:** Black line with green and black segments.
 - 1,000 Foot Buffer Around Preferred and Alternate Route:** Thick black outline.
 - Municipal Boundary:** Dashed black line.
 - Station:** Yellow rectangle with black border.
 - Commercial:** Blue circle.
 - Residential:** White circle with black border.
 - Civic Building:** Yellow circle.
 - Industrial:** Red circle.
 - Commercial/Industrial:** Grey rectangle.
 - Education:** Yellow rectangle.
 - Institutional:** Purple rectangle with white cross-hatch pattern.
 - Mixed Use:** Pink rectangle with white cross-hatch pattern.
 - Parks and recreation:** Brown rectangle.
 - Residential:** Orange rectangle.
 - Undefined:** Light green rectangle.
 - Woodlots:** Green rectangle.
 - Delineated Stream:** Blue rectangle with white wavy lines.
 - Delineated Wetland:** Green rectangle with white diagonal lines.
 - Delineated Pond:** Light blue rectangle.

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



**C314V Central
Corridor Pipeline
Extension Project**

FIGURE 7-1B
LAND USE MAP







PN: 672247

CREATED BY: TH

REVIEWED BY:MF



-  Stations (Existing and Proposed)
-  Cemeteries
-  Church
-  Hospitals
-  Schools
-  Historic Structures

 Airports/Helipads
 Road
 Preferred Route
 Alternate Route
 1,000 Foot Buffer Around Preferred and Alternate Route
 Municipal Boundary
 Station

- Commercial
- Residential
- Civic Building
- Industrial

Landuse

	Delineated Stream
	Delineated Wetland
	Delineated Pond

 Commercial/Industrial
 Education
 Institutional
 Mixed Use
 Parks and recreation

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



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Extension Project**

FIGURE 7-1C
LAND USE MAP

PN: 672247

CREATED BY: TH

ch2m.

	Stations (Existing and Proposed)		Airports/Helipads
	Cemeteries		Road
	Church		Preferred Route
	Hospitals		Alternate Route
	Schools		1,000 Foot Buffer Around Preferred and Alternate Route
	Historic Structures		Municipal Boundary
			Station

- Commercial
- Residential
- Civic Building
- Industrial

 Delineated Stream
 Delineated Wetland
 Delineated Pond

- Commercial/Industrial
- Education
- Institutional
- Mixed Use
- Parks and recreation

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



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ENERGY

**C314V Central
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Extension Project**

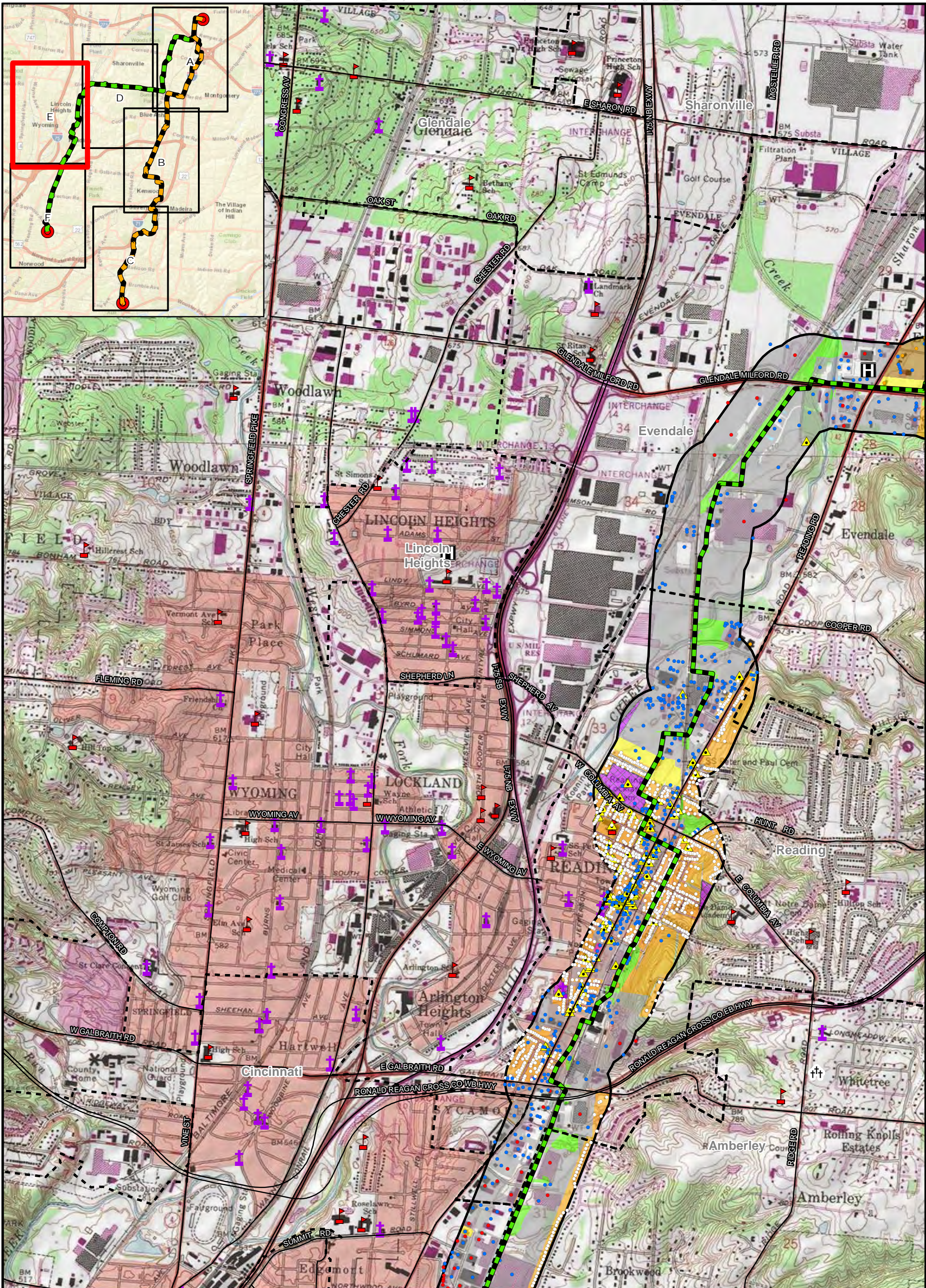
FIGURE 7-1D
LAND USE MAP

PN: 672247

CREATED BY: TH

REVIEWED BY:MF

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LEGEND:

Stations (Existing and Proposed)	Airports/Heliports	Structures	Commercial/Industrial
Cemeteries	Road	Commercial	Education
Church	Preferred Route	Residential	Institutional
Hospitals	Alternate Route	Civic Building	Mixed Use
Schools	1,000 Foot Buffer Around Preferred and Alternate Route	Industrial	Parks and recreation
Historic Structures	Municipal Boundary	Landuse	Residential
Station	Station	Delineated Stream	Undefined
		Delineated Wetland	Woodlots
		Delineated Pond	

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

Scale In Feet
0 2,000 4,000

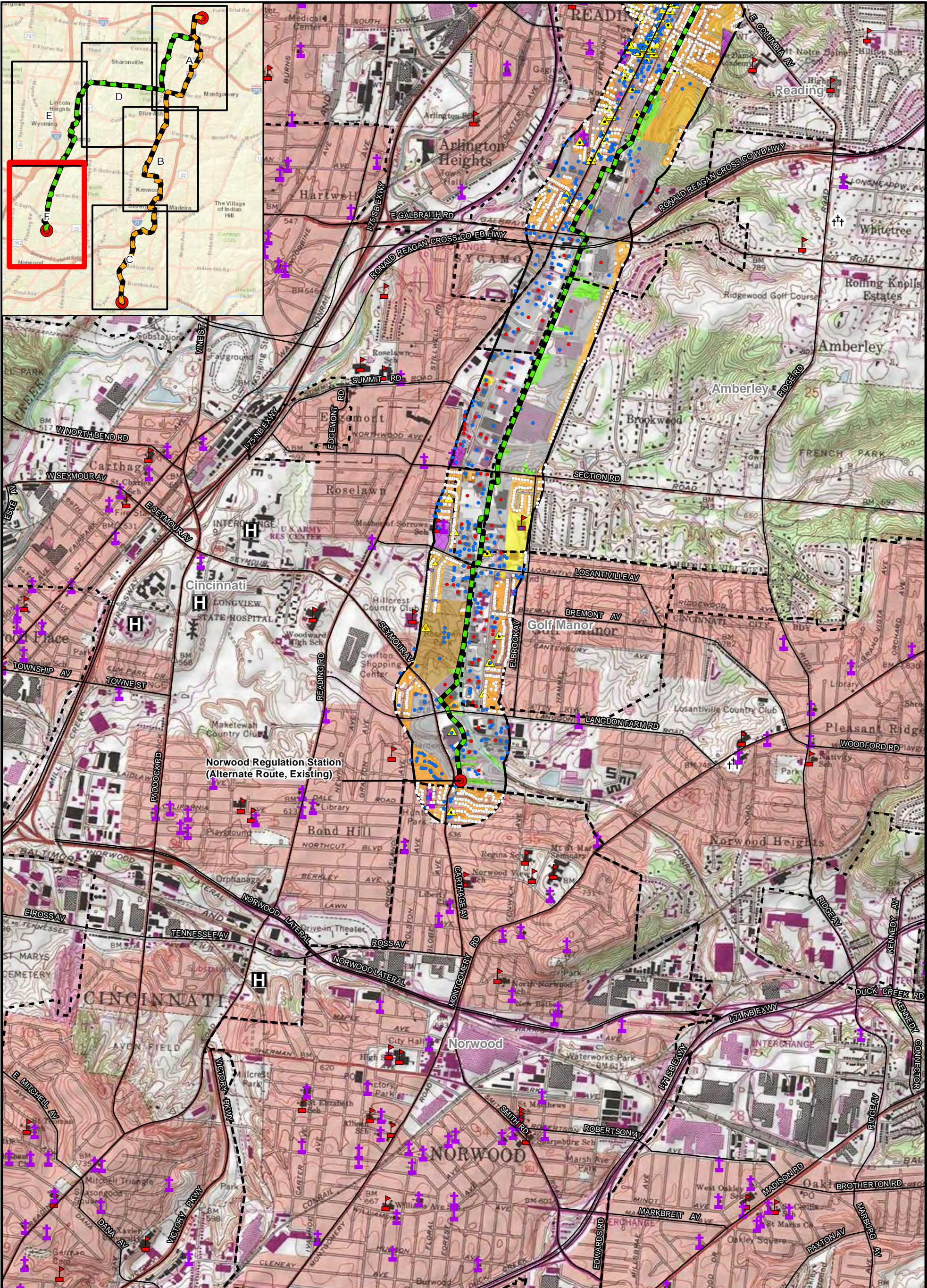
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C314V Central Corridor Pipeline Extension Project

**FIGURE 7-1E
LAND USE MAP**

PN: 672247
CREATED BY: TH
REVIEWED BY: MF

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LEGEND:

- Stations (Existing and Proposed)
- Cemeteries
- Church
- Hospitals
- Schools
- Historic Structures
- Airports/Heliports
- Road
- Preferred Route
- Alternate Route
- 1,000 Foot Buffer Around Preferred and Alternate Route
- Municipal Boundary
- Station
- Structures
 - Commercial
 - Residential
 - Civic Building
 - Industrial
- Landuse
 - Delineated Stream
 - Delineated Wetland
 - Delineated Pond
- Commercial/Industrial
- Education
- Institutional
- Mixed Use
- Parks and recreation
- Residential
- Undefined
- Woodlots

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 7-1F
LAND USE MAP**

PN: 672247
CREATED BY: TH
REVIEWED BY: MF

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This foregoing document was electronically filed with the Public Utilities

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3/3/2017 11:51:24 AM

in

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

Summary: Amended Application Amended application filed by J. Kingery on behalf of Duke Energy Ohio. electronically filed by Mrs. Kristen Ryan on behalf of Duke Energy Ohio and Kingery, Jeanne W. Mrs. and Spiller, Amy B. Mrs.